



## Electronic Service Manuals

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Phone (517) 484-9312 or (800) 331-3339

2011 N. High St. -- Lansing, Michigan -- 48906

Fax: (517) 484-9836

Email: [CustServe@Michco.com](mailto:CustServe@Michco.com)

Web site: [www.Michco.Com](http://www.Michco.Com)

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**285**

(Parts Manual)

**Sweeper/  
Scrubber**



This manual is furnished with each new TENNANT® Model 285. It provides necessary operating and preventive maintenance instructions. Read this manual completely and understand the machine before operating or servicing it.

This manual covers all machine variations and standard accessories. The instruction portion of the manual consists of the Specification, Operation, Maintenance, and Appendix sections. The parts portion consists of the Low Dump Model Parts; Diesel Parts; Multi-Level Dump Model Parts; Accessories; Hydraulic Components; Engine Parts, Gasoline, LPG; and Engine Parts, Diesel; Cross Reference; and Customer Documents sections.

All right side and left side references to the machine are determined by facing the direction of forward travel. All hardware considered to be of a common nature or locally available has been omitted from the parts sections. Be aware that this machine may contain metric hardware. Make sure you use equivalent hardware when replacement becomes necessary.

This machine will provide excellent service. However, the best results will be obtained at minimum costs if:

- The machine is operated with reasonable care.
- The machine is maintained regularly – per the maintenance instructions provided.
- The machine is maintained with Tennant Company supplied or equivalent parts.

Parts and supplies may be ordered by phone or mail from any Tennant Company parts and service center, distributor, or from any of the Tennant Company subsidiaries. Before ordering parts or supplies, be sure to have your machine model number and serial number handy. Fill out the data block below for future reference. The telephone numbers, telex numbers, mailing addresses, and locations of those outlets are listed in the Customer Documents section of the manual.

| <b>MACHINE DATA</b>                             |       |
|-------------------------------------------------|-------|
| <i>Please fill out at time of installation.</i> |       |
| Machine Serial Number –                         | _____ |
| Engine Serial Number –                          | _____ |
| Sales Representative –                          | _____ |
| Customer Number –                               | _____ |
| Date of Installation –                          | _____ |
| Manual Number –                                 | MM191 |
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# SECTION 5

## CONTENTS

|                                                                           | Page |                                                                     | Page |
|---------------------------------------------------------------------------|------|---------------------------------------------------------------------|------|
| ORDERING REPAIR PARTS .....                                               | 5-3  | Fig. 41 – Directional Control Group,<br>Distributorless (DIS) ..... | 5-66 |
| Fig. 1 – Recommended General<br>Maintenance Items .....                   | 5-4  | Fig. 42 – Flywheel Housing Group .....                              | 5-68 |
| Fig. 2 – Replacement Brushes .....                                        | 5-6  | Fig. 43 – Flywheel Housing Group,<br>Distributorless (DIS) .....    | 5-70 |
| Fig. 3 – Main Frame Group .....                                           | 5-8  | Fig. 44 – Throttle Linkage Group .....                              | 5-71 |
| Fig. 4 – Seat and Radiator Group .....                                    | 5-10 | Fig. 45 – Muffler Group .....                                       | 5-72 |
| Fig. 5 – Seat Group, Distributorless (DIS) ...                            | 5-12 | Fig. 46 – Muffler Group, Distributorless (DIS) .                    | 5-73 |
| Fig. 6 – Radiator Group, Distributorless<br>(DIS) .....                   | 5-14 | Fig. 47 – Fuel Tank Group .....                                     | 5-74 |
| Fig. 7 – Engine Cover and Side Door Group .                               | 5-16 | Fig. 48 – Labels Group .....                                        | 5-75 |
| Fig. 8 – Hopper Group .....                                               | 5-18 | Fig. 49 – Headlight, Taillight, and<br>Spotlight Group .....        | 5-76 |
| Fig. 9 – Hopper Cover and Filter Group .....                              | 5-20 | Fig. 50 – Pressure Switch Group .....                               | 5-77 |
| Fig. 10 – Hopper Lift Arms Group .....                                    | 5-22 | Fig. 51 – Overhead Guard Group .....                                | 5-78 |
| Fig. 11 – Side Brush Group .....                                          | 5-24 |                                                                     |      |
| Fig. 12 – Front Wheel and Brakes Group ....                               | 5-26 |                                                                     |      |
| Fig. 13 – Steering Control Group .....                                    | 5-28 |                                                                     |      |
| Fig. 14 – Rear Wheel Drive Group .....                                    | 5-30 |                                                                     |      |
| Fig. 15 – Main Brush Drive Group .....                                    | 5-32 |                                                                     |      |
| Fig. 16 – Main Brush Lift Group .....                                     | 5-33 |                                                                     |      |
| Fig. 17 – Access and Kick Panels Group ....                               | 5-34 |                                                                     |      |
| Fig. 18 – Vacuum Fan Group .....                                          | 5-35 |                                                                     |      |
| Fig. 19 – Instrument and Control<br>Panels Group .....                    | 5-36 |                                                                     |      |
| Fig. 20 – Battery Group .....                                             | 5-37 |                                                                     |      |
| Fig. 21 – Wire Harnesses Group .....                                      | 5-38 |                                                                     |      |
| Fig. 22 – Hydraulic Hoses Group .....                                     | 5-40 |                                                                     |      |
| Fig. 23 – Hydraulic Pumps Group .....                                     | 5-42 |                                                                     |      |
| Fig. 24 – Hydraulic Reservoir Group .....                                 | 5-43 |                                                                     |      |
| Fig. 25 – Hydraulic Control Valve Group ....                              | 5-44 |                                                                     |      |
| Fig. 26 – Hydraulic Solenoid Valve Group ....                             | 5-45 |                                                                     |      |
| Fig. 27 – Hydraulic Filter Group .....                                    | 5-46 |                                                                     |      |
| Fig. 28 – Hydraulic Couplings Group .....                                 | 5-47 |                                                                     |      |
| Fig. 29 – Engine Group .....                                              | 5-48 |                                                                     |      |
| Fig. 30 – Engine Group, Distributorless (DIS) .                           | 5-50 |                                                                     |      |
| Fig. 31 – Carburetor Group, Distributorless<br>(DIS) .....                | 5-52 |                                                                     |      |
| Fig. 32 – Fuel Tank Bumper Group, LPG ....                                | 5-54 |                                                                     |      |
| Fig. 33 – Fuel Tank Bumper Group,<br>Distributorless (DIS) LPG .....      | 5-56 |                                                                     |      |
| Fig. 34 – Sheaves and Belts Group .....                                   | 5-58 |                                                                     |      |
| Fig. 35 – Carburetor Group, LPG .....                                     | 5-59 |                                                                     |      |
| Fig. 36 – Carburetor Group, Distributorless<br>(DIS) LPG .....            | 5-60 |                                                                     |      |
| Fig. 37 – Engine Fan and Alternator Group,<br>Distributorless (DIS) ..... | 5-62 |                                                                     |      |
| Fig. 38 – Air Cleaner Group .....                                         | 5-63 |                                                                     |      |
| Fig. 39 – Air Cleaner Group, Distributorless<br>(DIS) .....               | 5-64 |                                                                     |      |
| Fig. 40 – Directional Control Group .....                                 | 5-65 |                                                                     |      |

*NOTE: SECTION 5, STANDARD MODEL PARTS, lists repair parts for a standard model, gasoline powered machine. This section also contains parts common to all models of the machine.*



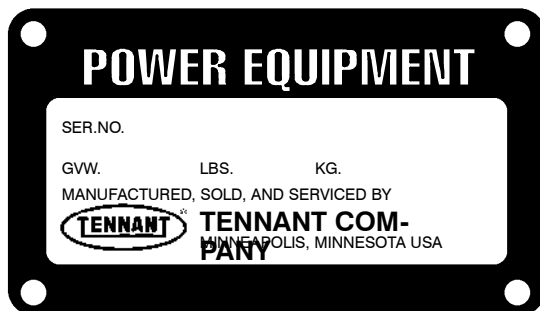
## ORDERING REPAIR PARTS

The components used in this machine have been carefully selected for performance and safety. Use only Tennant Company specified or equivalent parts.

To receive prompt service in filling of your parts orders, please direct all orders for parts with Tennant Company part numbers to the Tennant Company, and all orders for parts with vendor part numbers to the local supplier of the respective vendor.

When ordering parts, please furnish all of the following information:

1. Machine model number - shown on the machine data plate.



2. Machine serial number - shown on the machine data plate.
3. Power source - gasoline, LPG, diesel, electric.
4. Company name.
5. Shipping address.
6. Billing address.
7. Name, first and last - of person ordering parts.
8. Telephone number.
9. Purchase order number.
10. Part number, description, and quantity - of each item on the order.

Do not order parts by key number or the figure number of the illustrated parts. Indented items indicate parts of assemblies. Standard hardware is furnished only when part of a purchased assembly. Please get hardware from a local hardware supplier.

If the old part cannot be identified, send it to us with the quantity needed specified on the order.

Any claim for loss or damage to a shipment in transit should be filed promptly against the transportation company making the delivery. Shipments will be complete unless the packing list or order acknowledgement indicate items back ordered.

If parts received are suspected to be incorrect or defective, please write, wire, or phone the Tennant Company representative from whom you ordered the part. They will give authorization for return and/or handle replacement shipments when required.

### SERIAL NUMBER INFORMATION EXPLANATION

Serial number listings are shown to indicate on which machines each part can be used. These listings are explained by the following examples:

(000000— ) The part can be used on all machines.

(003342— ) The part can be used on all machines beginning with the serial number listed.

(000000—004320) The part can be used on all machines up to and including serial number listed.

(004321—005678) The part can be used on all machines between and including the serial numbers listed.

Where xxxxxx's are listed in place of a serial number, it indicates a change was made but the exact serial number had not been established when the catalog went to press.

### SI UNITS OF MEASURE (INTERNATIONAL SYSTEM)

Metric equivalents have been included, where applicable, throughout this parts catalog.

### FASTENER STRENGTH IDENTIFICATION

Fasteners required to have high—strength qualities equivalent to SAE Grade 8 are identified throughout this catalog by the description GR 8. Unless identified by this description, all standard fasteners are SAE Grade 5.

(Specifications and design subject to change without notice.)

**Fig. 1 – Recommended General Maintenance Items**

| Key | TENNANT<br>Part No. | Machine<br>Serial Number | Description                            | Qty. |
|-----|---------------------|--------------------------|----------------------------------------|------|
|     | 07684               | (010001–010749)          | Maintenance Kit, 400 Hours, Gasoline   | 1    |
|     | 07764               | (010001–010749)          | Spark Plug                             | 4    |
|     | 82525               | (010001–010749)          | Filter, Fuel                           | 1    |
|     | 82697               | (010001–010749)          | Rotor, Overspeed Protection            | 1    |
|     | 58507               | (010001–010749)          | Cap, Distributor                       | 1    |
|     | 07705               | (010001–010749)          | Cover, Gasket                          | 1    |
|     | 38245               | (010001–010749)          | Valve, PCV                             | 1    |
|     | 58120               | (010001–010749)          | Element, Air Filter                    | 1    |
|     | 07328               | (010001–010749)          | Filter, Distributor Cap                | 1    |
|     | 58122               | (010001–010749)          | Filter, Oil                            | 8    |
|     | 32397–1             | (010001–010749)          | Hydraulic Oil, HP1040, 1 Gal           | 6    |
|     | 55740               | (010001–010749)          | Element, Filter                        | 1    |
|     | 07685               | (010001–010749)          | Maintenance Kit, 400 Hours, LPG        | 1    |
|     | SK1444              | (010001–010749)          | Repair Kit, Fuel Filter Lock           | 1    |
|     | 07764               | (010001–010749)          | Spark Plug                             | 4    |
|     | 82697               | (010001–010749)          | Rotor, Overspeed Protection            | 1    |
|     | 58507               | (010001–010749)          | Cap, Distributor                       | 1    |
|     | 07705               | (010001–010749)          | Cover, Gasket                          | 1    |
|     | 38245               | (010001–010749)          | Valve, PCV                             | 1    |
|     | 58120               | (010001–010749)          | Filter Element, Air                    | 1    |
|     | 58122               | (010001–010749)          | Filter, Oil                            | 8    |
|     | 32397–1             | (010001–010749)          | Hydraulic Oil, HP1040, 1 Gal           | 6    |
|     | 55740               | (010001–010749)          | Element, Filter                        | 1    |
|     | 07328               | (010001–010749)          | Filter, Distributor Cap                | 1    |
|     | 31745               | (010750– )               | Performance Package 400 Hour, Gasoline | 1    |
|     | 39046               | (010750– )               | Spark Plug                             | 4    |
|     | 07705               | (010750– )               | Gasket                                 | 1    |
|     | 58120               | (010750– )               | Element, Air Filter                    | 1    |
|     | 19205               | (010750– )               | Element, Engine Oil                    | 8    |
|     | 82525               | (010750– )               | Filter, Fuel                           | 1    |
|     | 32397–1             | (010750– )               | Hydraulic Fluid, HP1040, 1 gal         | 6    |
|     | 55740               | (010750– )               | Element, Hydraulic Fluid Filter        | 1    |
|     | 31746               | (010750– )               | Performance Package 400 Hour, LPG      | 1    |
|     | SK1444              | (010750– )               | Repair Kit, Fuel Filter Lock           | 1    |
|     | 39046               | (010750– )               | Spark Plug                             | 4    |
|     | 07705               | (010750– )               | Gasket                                 | 1    |
|     | 58120               | (010750– )               | Element, Air Filter                    | 1    |
|     | 19205               | (010750– )               | Element, Engine Oil                    | 8    |
|     | 32397–1             | (010750– )               | Hydraulic Fluid, HP1040, 1 gal         | 6    |
|     | 55740               | (010750– )               | Element, Hydraulic Fluid Filter        | 1    |
|     | 82054               | (010001– )               | Maintenance Kit, 400 Hours, Diesel     | 1    |
|     | 58120               | (010001– )               | Element, Air Filter                    | 1    |
|     | 58121               | (010001– )               | Element, Air Filter                    | 1    |
|     | 82693               | (010001– )               | Element, Oil Filter                    | 8    |
|     | 82692               | (010001– )               | Element, Diesel Fuel Filter            | 1    |
|     | 55740               | (010001– )               | Element, Filter                        | 1    |
|     | 32397–1             | (010001– )               | Hydraulic Oil, HP1040, 1 Gal           | 6    |
|     | 04201               | (010001– )               | Maintenance Kit, Skirts, Low Dump      | 1    |
|     | 23275               | (010001– )               | Skirt, Shroud, L.H. and R.H.           | 2    |
|     | 45857               | (010001– )               | Strip, Skirt Retainer                  | 2    |
|     | 53298               | (010001– )               | Skirt                                  | 1    |
|     | 82163               | (010001– )               | Angle, Mounting Skirt                  | 1    |
|     | 82164               | (010001– )               | Skirt                                  | 1    |

# LOW DUMP MODEL PARTS

| Key | TENNANT<br>Part No. | Machine<br>Serial Number | Description                         | Qty. |
|-----|---------------------|--------------------------|-------------------------------------|------|
|     | 82165               | (010001 – )              | Strip                               | 1    |
|     | 02485               | (010001 – )              | Nut, Speed Retainer                 | 7    |
|     | 23382               | (010001 – )              | Seal, Side Pan                      | 2    |
|     | 23384–2             | (010001 – )              | Strip                               | 2    |
|     | 23386               | (010001 – )              | Seal, Top Pan                       | 1    |
|     | 50446               | (010001 – )              | Retainer, Hopper Top Seal           | 1    |
|     | 82799               | (010001 – )              | Seal, Brush Wrap Dust               | 1    |
|     | 53489               | (010001 – )              | Strip                               | 2    |
|     | 48060               | (010001 – )              | Lip, Rubber                         | 5    |
|     | 46080               | (010001 – )              | Angle, Rubber Lip Backing           | 1    |
|     | 82059               | (010001 – )              | Maintenance Kit, Seals, Low Dump    | 1    |
|     | 82125               | (010001 – )              | Seal, Foam Rubber                   | 2    |
|     | 53906               | (010001 – )              | Seal, Brush Wrap                    | 3    |
|     | 47037               | (010001 – )              | Adhesive, 5 oz (150 ml) Tube        | 2    |
|     | 53974               | (010001 – )              | Seal, Foam Rubber                   | 2    |
|     | 53052               | (010001 – )              | Seal, Foam Rubber                   | 2    |
|     | 53461–1             | (010001 – )              | Seal, Foam Rubber                   | 2    |
|     | 53461–2             | (010001 – )              | Seal, Foam Rubber                   | 2    |
|     | 82415               | (010001 – )              | Seal, Hopper Cover                  | 2    |
|     | 82416               | (010001 – )              | Seal, Hopper Cover                  | 2    |
|     | 82741               | (010001 – )              | Label Set, Striping                 | 1    |
|     | 82466               | (010001 – )              | Seal, Hopper Outer                  | 1    |
|     | 82424               | (010001 – )              | Seal, Vacuum Fan Muffler            | 1    |
|     | 04200               | (010001 – )              | Maintenance Kit, Skirts, High Dump  | 1    |
|     | 23275               | (010001 – )              | Skirt, Shroud, L.H. and R.H.        | 2    |
|     | 45857               | (010001 – )              | Strip, Skirt Retainer               | 2    |
|     | 53298               | (010001 – )              | Skirt                               | 1    |
|     | 82163               | (010001 – )              | Angle, Mounting Skirt               | 1    |
|     | 82164               | (010001 – )              | Skirt                               | 1    |
|     | 82165               | (010001 – )              | Strip                               | 1    |
|     | 02485               | (010001 – )              | Nut, Speed Retainer                 | 7    |
|     | 23382               | (010001 – )              | Seal, Side Pan                      | 2    |
|     | 23384–2             | (010001 – )              | Strip                               | 2    |
|     | 23386               | (010001 – )              | Seal, Top Pan                       | 1    |
|     | 50446               | (010001 – )              | Retainer, Hopper Top Seal           | 1    |
|     | 82799               | (010001 – )              | Seal, Brush Wrap Dust               | 1    |
|     | 53489               | (010001 – )              | Strip                               | 2    |
|     | 35607               | (010001 – )              | Lip Assembly                        | 5    |
|     | 53758               | (010001 – )              | Strip                               | 1    |
|     | 37021               | (010001 – )              | Lip, Side                           | 2    |
|     | 82049               | (010001 – )              | Maintenance Kit, Seals, High Dump   | 1    |
|     | 82125               | (010001 – )              | Seal, Foam Rubber                   | 2    |
|     | 53906               | (010001 – )              | Seal, Brush Wrap                    | 3    |
|     | 47037               | (010001 – )              | Adhesive, 5 oz (150 ml) Tube        | 2    |
|     | 53974               | (010001 – )              | Seal, Foam Rubber                   | 2    |
|     | 53052               | (010001 – )              | Seal, Foam Rubber                   | 2    |
|     | 54338–6             | (010001 – )              | Seal, Foam Rubber                   | 2    |
|     | 37054               | (010001 – )              | Seal, Foam Rubber                   | 2    |
|     | 37055               | (010001 – )              | Seal, Foam Rubber                   | 2    |
|     | 82415               | (010001 – )              | Seal, Hopper Cover                  | 2    |
|     | 07640               | (010001 – )              | Performance Package Squeegee Blades | 1    |
|     | 11957               | (010001 – )              | Squeegee Back–up, Rear              | 1    |
|     | 07051               | (010001 – )              | Blade, Squeegee, Rear               | 1    |
|     | 11952               | (010001 – )              | Blade, Front, Squeegee              | 1    |
|     | 11956               | (010001 – )              | Squeegee Back–up, Front             | 1    |
|     | 60013               | (010001 – )              | Squeegee, Side                      | 1    |



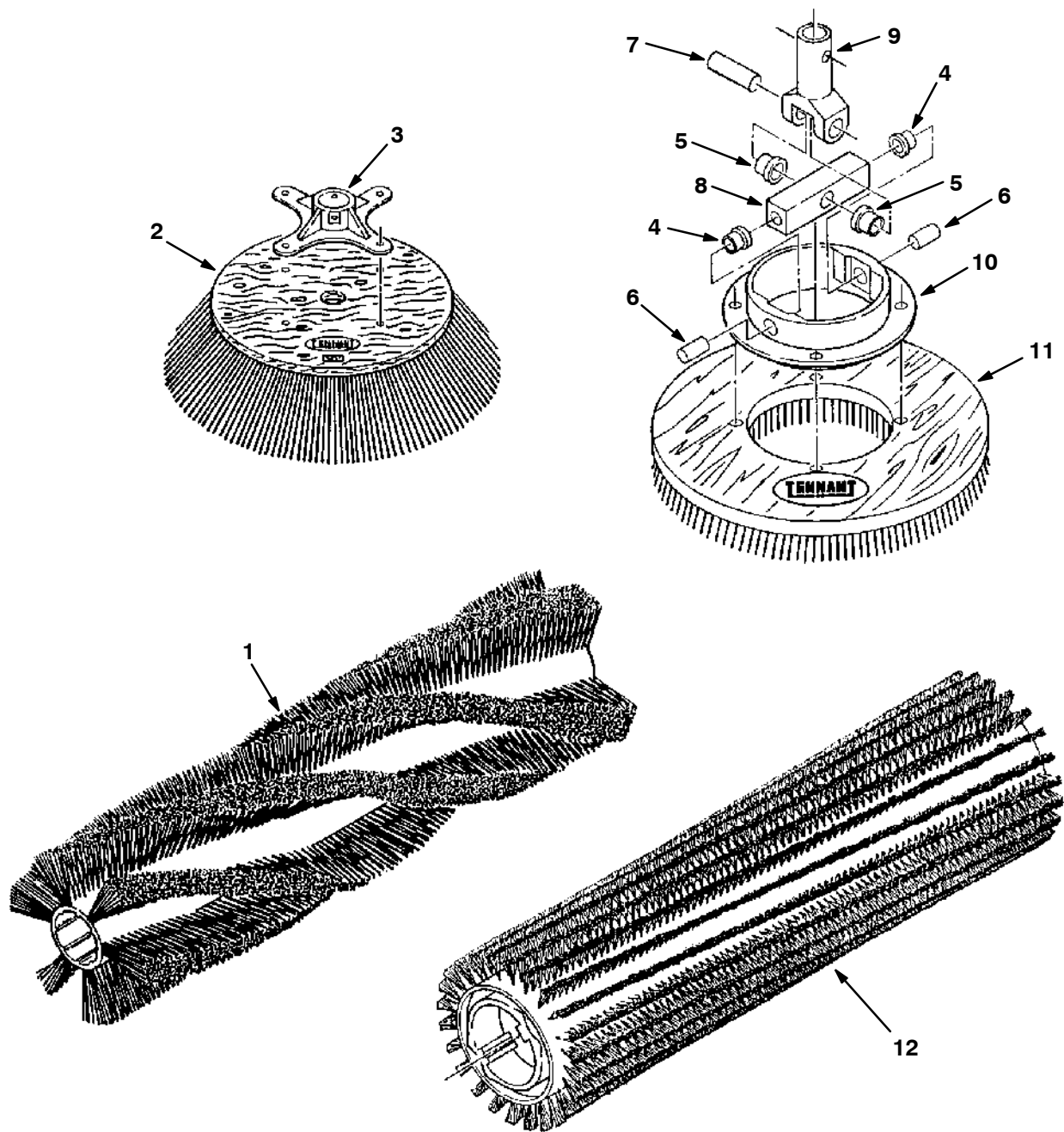


Fig. 2 – Replacement Brushes

Fig. 2 – Replacement Brushes

| Key | Tennant®<br>Part No. | Machine<br>Serial Number | Description                                | Qty |
|-----|----------------------|--------------------------|--------------------------------------------|-----|
| 1   | 11860                | (010001 – )              | Brush, Sweep, 8 Row Nylon                  | 1   |
| 1   | 11861                | (010001 – )              | Brush, Sweep, 8 Row Polypropylene and Wire | 1   |
| 1   | 11862                | (010001 – )              | Brush, Sweep, 8 Row Wire                   | 1   |
| 1   | 11863                | (010001 – )              | Brush, Sweep, 24 Row Nylon                 | 1   |
| 1   | 11864                | (010001 – )              | Brush, Sweep, 24 Row Fiber and Wire        | 1   |
| 1   | 24741                | (010001 – )              | Brush, Snow, 8 Row Polypropylene           | 1   |
| 1   | 43708P               | (010001 – )              | Brush Assembly, Side Sweep Polypropylene   | 1   |
| 2   | 09600P               | (010001 – )              | Brush, Side Sweep, Polypropylene           | 1   |
| 3   | 47501                | (010001 – )              | Hub, Brush Adaptor                         | 1   |
| 3   | 43708N               | (010001 – )              | Brush Assembly, Side Sweep, Nylon          | 1   |
| 3   | 09600N               | (010001 – )              | Brush, Side Sweep, Nylon                   | 1   |
| 3   | 47501                | (010001 – )              | Hub, Brush Adaptor                         | 1   |
| 3   | 43708K               | (010001 – )              | Brush Assembly, Side Sweep, Flat Wire      | 1   |
| 3   | 10712K               | (010001 – )              | Brush, Side Sweep, Flat Wire               | 1   |
| 3   | 47501                | (010001 – )              | Hub, Brush Adaptor                         | 1   |
| 3   | 08017                | (010001 – )              | Brush Assembly, Side Sweep, Nylon          | 1   |
| 3   | 08013N               | (010001 – )              | Brush, Side Sweep, Nylon                   | 1   |
| 3   | 47501                | (010001 – )              | Hub, Brush Adaptor                         | 1   |
| 3   | 02663                | (010001 – )              | Side Brush Drive U–Joint Assembly          | 1   |
| 4   | 29585                | (010001 – )              | Bushing, Flange                            | 2   |
| 5   | 43484                | (010001 – )              | Bushing, Flange                            | 2   |
| 6   | 43485                | (010001 – )              | Pin, Dowel                                 | 2   |
| 7   | 43486                | (010001 – )              | Pin, Dowel                                 | 1   |
| 8   | 43487                | (010001 – )              | Bar, Drive                                 | 1   |
| 9   | 43488                | (010001 – )              | Fork, Drive                                | 1   |
| 10  | 43489                | (010001 – )              | Ring                                       | 1   |
| 11  | 43148                | (010001 – )              | Brush, Side Scrub, Polypropylene           | 1   |
| 11  | 43417                | (010001 – )              | Brush, Side Scrub, Stainless Steel         | 1   |
| 11  | 43593                | (010001 – )              | Brush, Side Scrub, Polypropylene           | 1   |
| 12  | 43393                | (010001 – )              | Roll, Abrasive                             | 1   |
| 12  | 43424                | (010001 – )              | Brush, Scrub, 24 Row Polypropylene         | 1   |
| 12  | 43428                | (010001 – )              | Brush, Scrub, 20 Row Stainless Steel       | 1   |
| 12  | 43592                | (010001 – )              | Brush, Scrub, 24 Row Polypropylene         | 1   |
| 12  | 43680                | (010001 – )              | Brush, Scrub, 24 Row Polypropylene         | 1   |

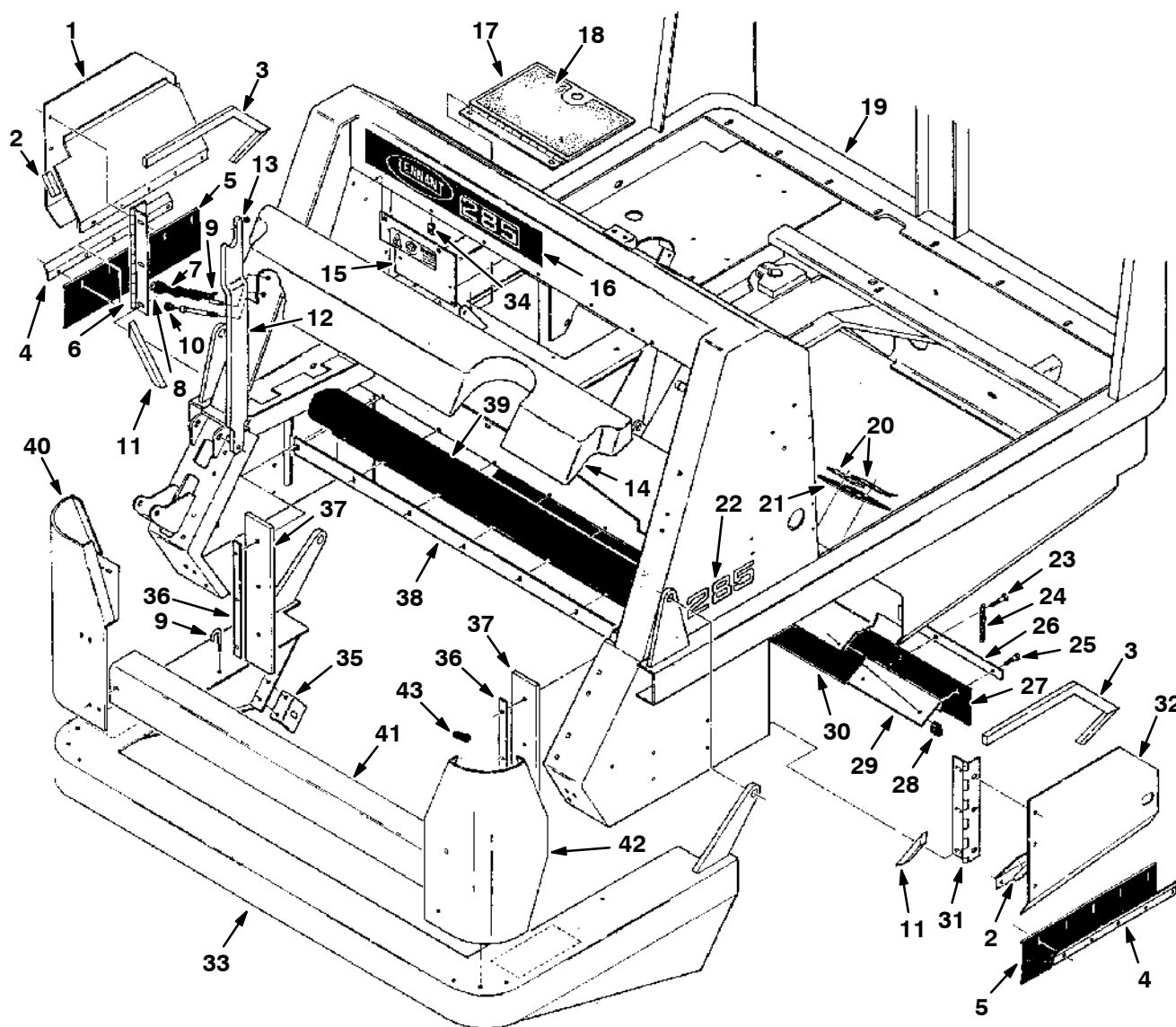


Fig. 3 – Main Frame Group

Fig. 3 – Main Frame Group

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description               | Qty. |
|-----|----------------------|--------------------------|---------------------------|------|
| 1   | 33762                | (010001 – )              | Door, Brush, R.H.         | 1    |
| 2   | 82125                | (010001 – )              | Seal, Foam Rubber         | 2    |
| 3   | 53052                | (010001 – )              | Seal, Foam Rubber         | 2    |
| 4   | 45857                | (010001 – )              | Strip, Skirt Retainer     | 2    |
| 5   | 23275                | (010001 – )              | Skirt, Shroud             | 2    |
| 6   | 32885                | (010001 – )              | Hinge, Door, R.H.         | 1    |
| 7   | 46567                | (010001 – )              | Hose                      | 1    |
| 8   | 46307                | (010001 – )              | Chain, Link               | 1    |
| 9   | 02943                | (010001 – )              | Bolt, J                   | 2    |
| 10  | 01318                | (010001 – )              | Tip, Rubber               | 1    |
| 11  | 53974                | (010001 – )              | Seal, Foam Rubber         | 2    |
| 12  | 82190                | (010001 – )              | Arm, Safety               | 1    |
| 13  | 16786                | (010001 – )              | Bumper, Safety Arm        | 1    |
| 14  | 02998                | (010001 – )              | Panel, Front Filler       | 1    |
| 15  | 10873                | (010001 – )              | Plate, Relay Mounting     | 1    |
| 16  | 25146                | (010001 – )              | Label, TENNANT® Logo 285  | 1    |
| 17  | 53465–2              | (010001 – )              | Cover, Battery            | 1    |
| 18  | 32270                | (010001 – )              | Tread, Nonskid Floor      | 1    |
| 19  | 07480                | (010001–010749)          | Frame, Main               | 1    |
| 19  | 30343                | (010750 – )              | Frame, Main               | 1    |
| 20  | 53489                | (010001 – )              | Strip                     | 2    |
| 21  | 82799                | (010001 – )              | Seal, Brush Wrap Dust     | 1    |
| 22  | 07030                | (010001 – )              | Label, Numerals           | 2    |
| 23  | 34196                | (010001 – )              | Screw, Hex, Nylon         | 1    |
| 24  | 09342                | (010001 – )              | Chain, Link               | 1    |
| 25  | 34292                | (010001 – )              | Screw, Hex, Nylon         | 6    |
| 26  | 82165                | (010001 – )              | Strip                     | 1    |
| 27  | 82164                | (010001 – )              | Skirt                     | 1    |
| 28  | 02485                | (010001 – )              | Nut, Speed Retainer       | 7    |
| 29  | 82163                | (010001 – )              | Angle, Skirt Mounting     | 1    |
| 30  | 53298                | (010001 – )              | Skirt                     | 1    |
| 31  | 32886                | (010001 – )              | Hinge, Door, L.H.         | 1    |
| 32  | 33760                | (010001 – )              | Door, Brush, L.H.         | 1    |
| 33  | 03021                | (010001 – )              | Bumper, Front             | 1    |
| 34  | 82138                | (010001 – )              | Nut, Speed Retainer       | 2    |
| 35  | 82189                | (010001 – )              | Bracket, L                | 2    |
| 36  | 23384–2              | (010001 – )              | Strip                     | 2    |
| 37  | 23382                | (010001 – )              | Seal, Side Pan            | 2    |
| 38  | 53143                | (010001 – )              | Strip                     | 1    |
| 39  | 23386                | (010001 – )              | Seal, Top Pan             | 1    |
| 40  | 82176                | (010001 – )              | Tower, Front Bumper, R.H. | 1    |
| 41  | 03023                | (010001 – )              | Bumper, Front             | 1    |
| 42  | 82171                | (010001 – )              | Tower, Front Bumper, L.H. | 1    |
| 43  | 02944                | (010001 – )              | Molding, Rigid            | 1    |

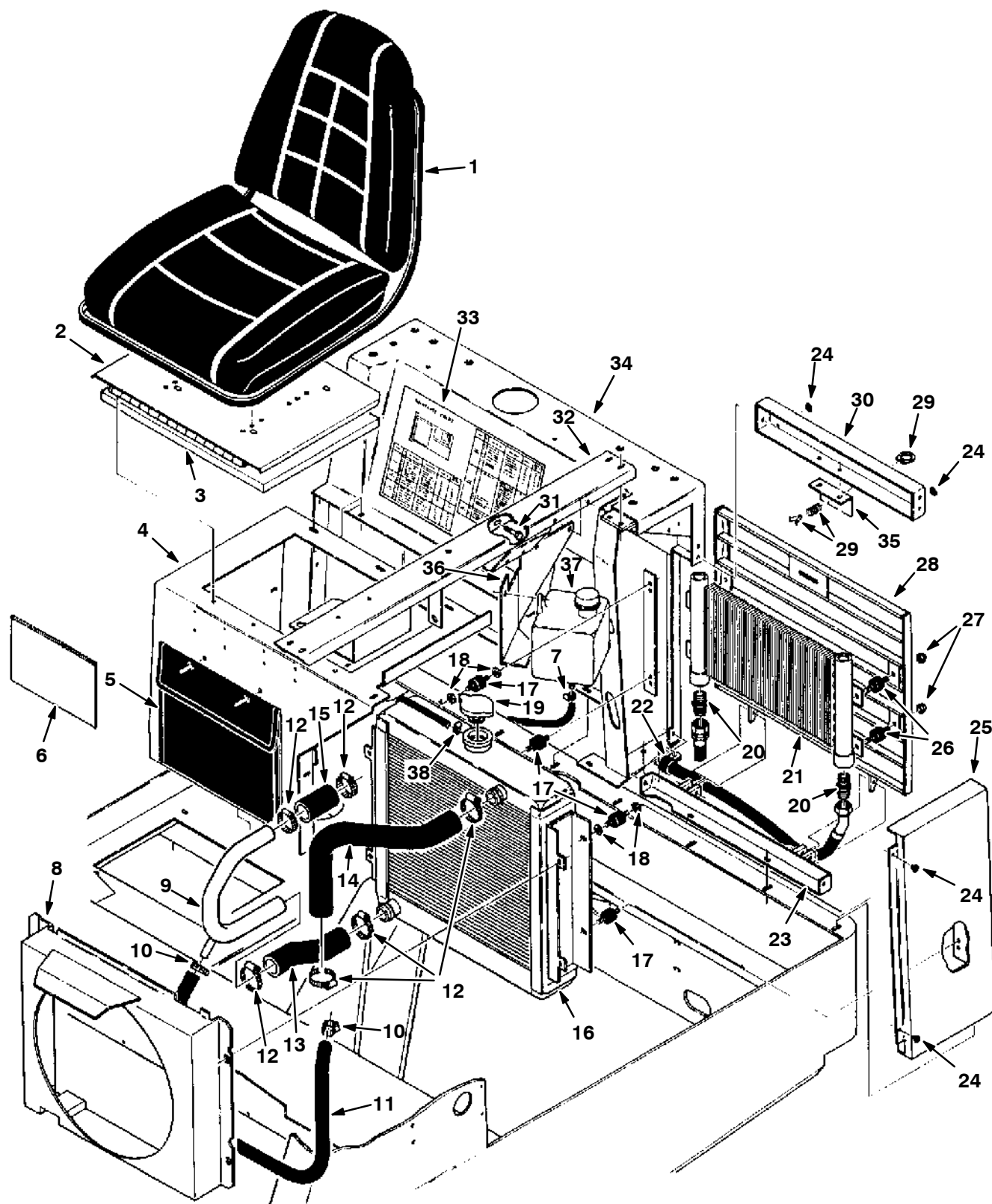


Fig. 4 – Seat and Radiator Group

Fig. 4 – Seat and Radiator Group

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description                    | Qty. |
|-----|----------------------|--------------------------|--------------------------------|------|
| 1   | 82343                | (010001–010749)          | Seat, Suspension               | 1    |
| 2   | 82346                | (010001–010749)          | Mount, Seat                    | 1    |
| 3   | 82300                | (010001–010749)          | Foam, Acoustic                 | 1    |
| 4   | 82321                | (010001–010749)          | Support, Front Seat            | 1    |
| 5   | 68275                | (010001–010749)          | Pouch, Operator's Manual       | 1    |
| 6   | MM161                | (010001–010749)          | Manual, Operator Handbook      | 1    |
| 7   | 43844                | (010001–010749)          | Clamp, Worm Drive              | 2    |
| 8   | 07676                | (010001–010749)          | Shroud, Fan                    | 1    |
| 9   | 03178                | (010001–010749)          | Tube, Lower Radiator Hose      | 1    |
| 10  | 63810                | (010001–010749)          | Clamp, Worm Drive              | 2    |
| 11  | 82681                | (010001–010749)          | Hose, Heater                   | 1    |
| 12  | 11531                | (010001–010749)          | Clamp, Worm Drive              | 6    |
| 13  | 03176                | (010001–010749)          | Hose, Lower Radiator           | 1    |
| 14  | 03177                | (010001–010749)          | Hose, Upper Radiator           | 1    |
| 15  | 62378                | (010001–010749)          | Hose, Radiator                 | 1    |
| 16  | 03251                | (010001–010749)          | Radiator                       | 1    |
| 17  | 82661                | (010001–010749)          | Isolator, Vibration            | 4    |
| 18  | 82662                | (010001–010749)          | Spacer                         | 4    |
| 19  | 82688                | (010001–010749)          | Cap, Radiator                  | 1    |
| 20  | 42260                | (010001–010749)          | Fitting, Straight              | 2    |
| 21  | 82798                | (010001–010749)          | Cooler, Hydraulic              | 1    |
| 22  | 58366                | (010001–010749)          | Clamp, Support                 | 1    |
| 23  | 82314                | (010001–010749)          | Channel, Lower Stiffener       | 1    |
| 24  | 29233                | (010001–010749)          | Bumper, Rubber                 | 4    |
| 25  | 82316                | (010001–010749)          | Panel, Rear Left Corner        | 1    |
| 26  | 51322                | (010001–010749)          | Isolator, Vibration            | 4    |
| 27  | 41128                | (010001–010749)          | Nut, Low Crown                 | 4    |
| 28  | 82310                | (010001–010749)          | Grille                         | 1    |
| 29  | 82315                | (010001–010749)          | Latch, Quarter Turn            | 1    |
| 30  | 82313                | (010001–010749)          | Channel, Upper Stiffener       | 1    |
| 31  | 34323                | (010001–010749)          | Screw, Hex, Nylon              | 4    |
| 32  | 82768                | (010001–010749)          | Support, Valve                 | 1    |
| 33  | 11989                | (010001–010749)          | Label, Maintenance Chart       | 1    |
| 34  | 82320                | (010001–010749)          | Support, Rear Seat             | 1    |
| 35  | 82311                | (010001–010749)          | Bracket, Mounting Latch        | 1    |
| 36  | 82699                | (010001–010749)          | Bracket, Coolant Recovery Tank | 1    |
| 37  | 82694                | (010001–010749)          | Tank, Coolant Recovery         | 1    |

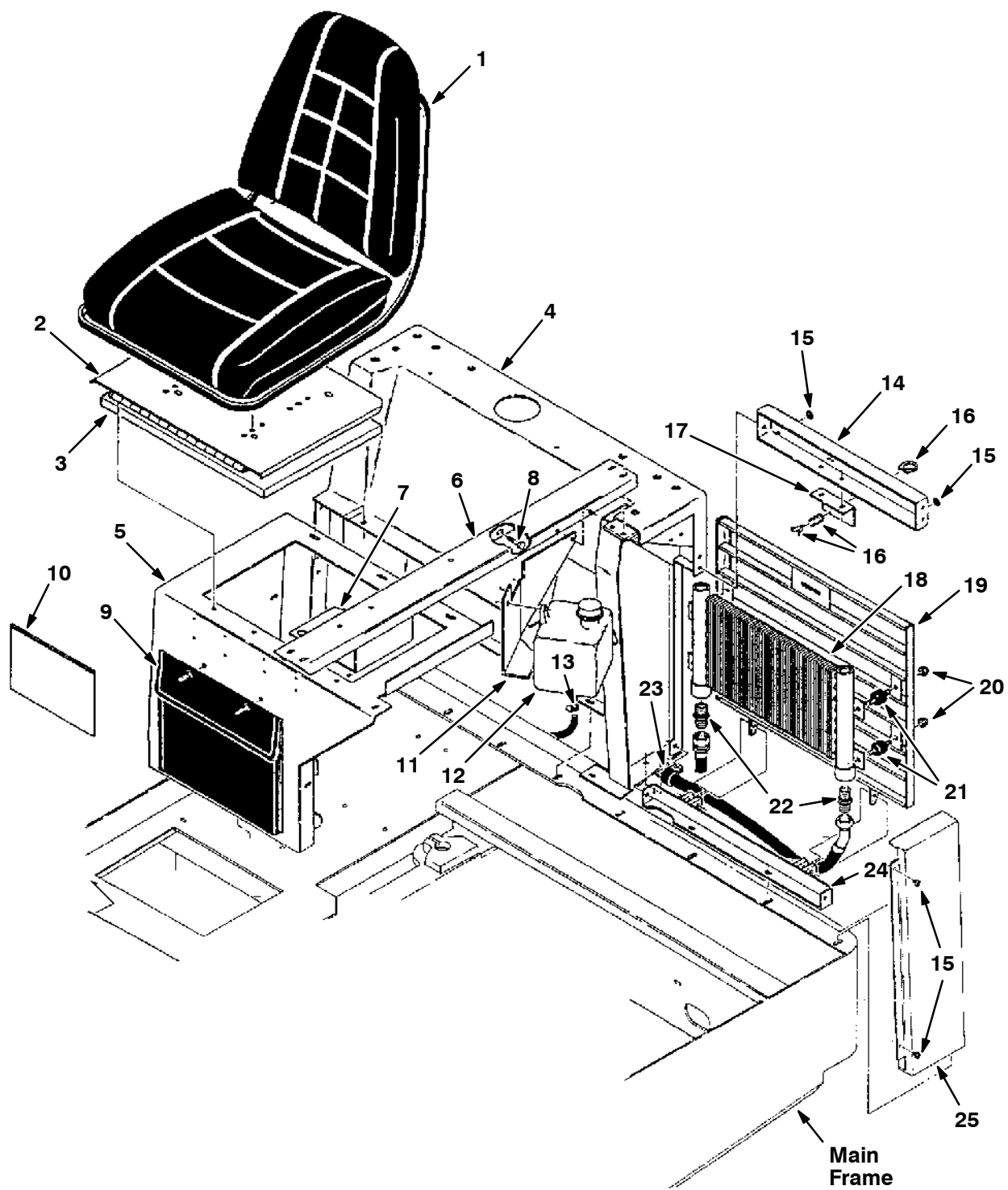
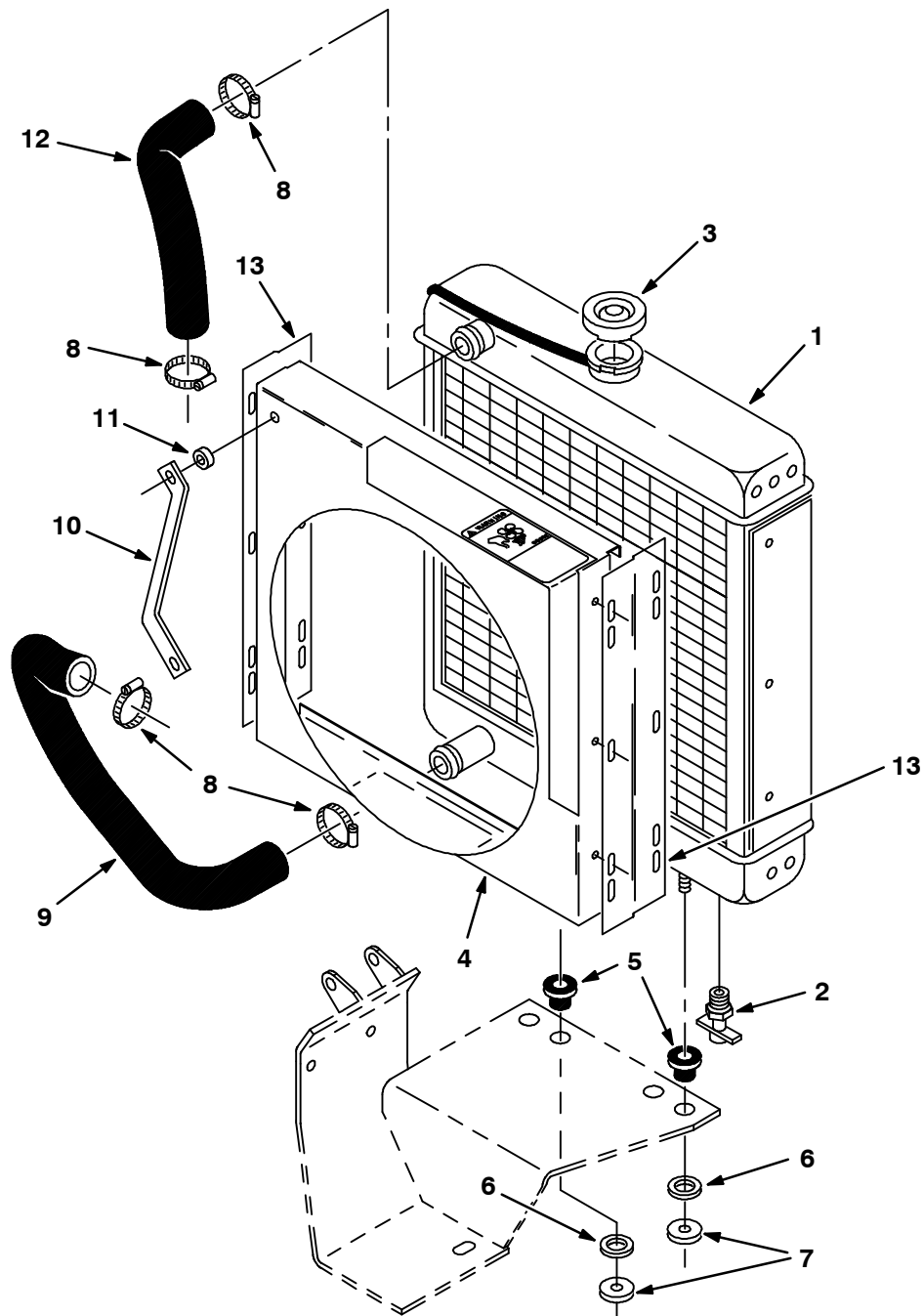


Fig. 5 – Seat Group, Distributorless (DIS)

Fig. 5 – Seat Group, Distributorless (DIS)

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description               | Qty. |
|-----|----------------------|--------------------------|---------------------------|------|
| 1   | 82343                | (010750– )               | Seat, Suspension          | 1    |
| 2   | 82346                | (010750– )               | Mount, Seat               | 1    |
| 3   | 82300                | (010750– )               | Foam, Acoustic            | 1    |
| 4   | 30280                | (010750– )               | Support, Rear Seat        | 1    |
| 5   | 82321                | (010750– )               | Support, Front Seat       | 1    |
| 6   | 31648                | (010750– )               | Support, Valve            | 1    |
| 7   | 31531                | (010750– )               | Bracket, Valve Support    | 1    |
| 8   | 34323                | (010750– )               | Screw, Hex Nylon          | 4    |
| 9   | 68275                | (010750– )               | Pouch, Operator's Manual  | 1    |
| 10  | MM161                | (010750– )               | Manual, Operator Handbook | 1    |
| 11  | 82699                | (010750– )               | Bracket, Coolant Recovery | 1    |
| 12  | 82694                | (010750– )               | Tank, Coolant Recovery    | 1    |
| 13  | 43844                | (010750– )               | Clamp, Worm drive         | 2    |
| 14  | 82313                | (010750– )               | Channel, Upper Stiffener  | 1    |
| 15  | 29233                | (010750– )               | Bumper, Rubber            | 4    |
| 16  | 82315                | (010750– )               | Latch, Quarter Turn       | 1    |
| 17  | 82311                | (010750– )               | Bracket, Latch Mounting   | 1    |
| 18  | 82798                | (010750– )               | Cooler, Hydraulic         | 1    |
| 19  | 82310                | (010750– )               | Grille                    | 1    |
| 20  | 41128                | (010750– )               | Nut, Low Crown            | 4    |
| 21  | 51322                | (010750– )               | Isolator, Vibration       | 4    |
| 22  | 42260                | (010750– )               | Fitting, Straight         | 2    |
| 23  | 58366                | (010750– )               | Clamp, Support            | 1    |
| 24  | 82314                | (010750– )               | Channel, Lower Stiffener  | 1    |
| 25  | 30368                | (010750– )               | Panel, Rear Left Corner   | 1    |





**Fig. 6 – Radiator Group, Distributorless (DIS)**

Fig. 6 -- Radiator Group, Distributorless (DIS)

| Key | TENNANT<br>Part No. | Machine<br>Serial Number | Description           | Qty. |
|-----|---------------------|--------------------------|-----------------------|------|
| 1   | 31490               | (010750— )               | Radiator              | 1    |
| 2   | 54911—32            | (006500— )               | Cock, Drain           | 1    |
| 3   | 82688               | (006500— )               | Cap, Radiator         | 1    |
| 4   | 30348               | (010750— )               | Guard, Fan W/Label    | 1    |
| 5   | 54274               | (010750— )               | Isolator, Vibration   | 2    |
| 6   | 09832               | (010750— )               | Washer                | 2    |
| 7   | 13248               | (010750— )               | Washer                | 2    |
| 8   | 11531               | (010750— )               | Clamp, Worm Drive     | 4    |
| 9   | 31518               | (010750— )               | Hose, Radiator        | 1    |
| 10  | 30354               | (010750— )               | Bar, Support          | 1    |
| 11  | 69462               | (010750— )               | Sleeve                | 1    |
| 12  | 31517               | (010750— )               | Hose, Upper Radiator  | 1    |
| 13  | 31541               | (006500— )               | Plate, Shroud Support | 2    |



Fig. 7 – Engine Cover and Side Door Group

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description             | Qty. |
|-----|----------------------|--------------------------|-------------------------|------|
| 1   | 82377                | (010001 – )              | Retainer, Seal          | 1    |
| 2   | 82378                | (010001 – )              | Retainer, Seal          | 1    |
| 3   | 82379                | (010001 – )              | Seal, Engine Cover      | 1    |
| 4   | 82334                | (010001 – )              | Spring, Gas             | 1    |
| 5   | 58494                | (010001 – )              | Stud, Ball              | 2    |
| 6   | 64595                | (010001 – )              | Clip, Safety            | 2    |
| 7   | 82319                | (010001 – )              | Cover, Engine           | 1    |
| 8   | 51787                | (010001 – )              | Bumper, Rubber          | 2    |
| 9   | 82350                | (010001 – )              | Insulation, Foam Rubber | 1    |
| 10  | 82338                | (010001 – )              | Insulation, Foam Rubber | 1    |
| 11  | 82352                | (010001 – )              | Insulation, Foam Rubber | 1    |
| 12  | 82351                | (010001 – )              | Insulation, Foam Rubber | 1    |
| 13  | 82324                | (010001 – )              | Plate, Engine Cover     | 1    |
| 14  | 82348                | (010001 – )              | Hinge                   | 2    |
| 15  | 57751                | (010001 – )              | Boot, Circuit Breaker   | 5    |
| 16  | 57803                | (010001 – )              | Circuit Breaker, 15 A   | 5    |
| 17  | 47692                | (010001 – )              | Hinge                   | 2    |
| 18  | 82234                | (010001 – 010749)        | Panel, Side Door        | 1    |
| 19  | 57298                | (010001 – )              | Bracket, Latch          | 1    |
| 20  | 64533                | (010001 – )              | Latch, Trigger          | 1    |
| 21  | 34738                | (010001 – )              | Rivet, Pop              | 6    |
| 22  | 82295                | (010001 – )              | Insulation, Foam Rubber | 1    |
| 23  | 82294                | (010001 – )              | Insulation, Foam Rubber | 1    |
| 24  | 30367                | (010750 – )              | Panel, Side Door        | 1    |
| 25  | 30391                | (010750 – )              | Panel, Circuit Breaker  | 1    |

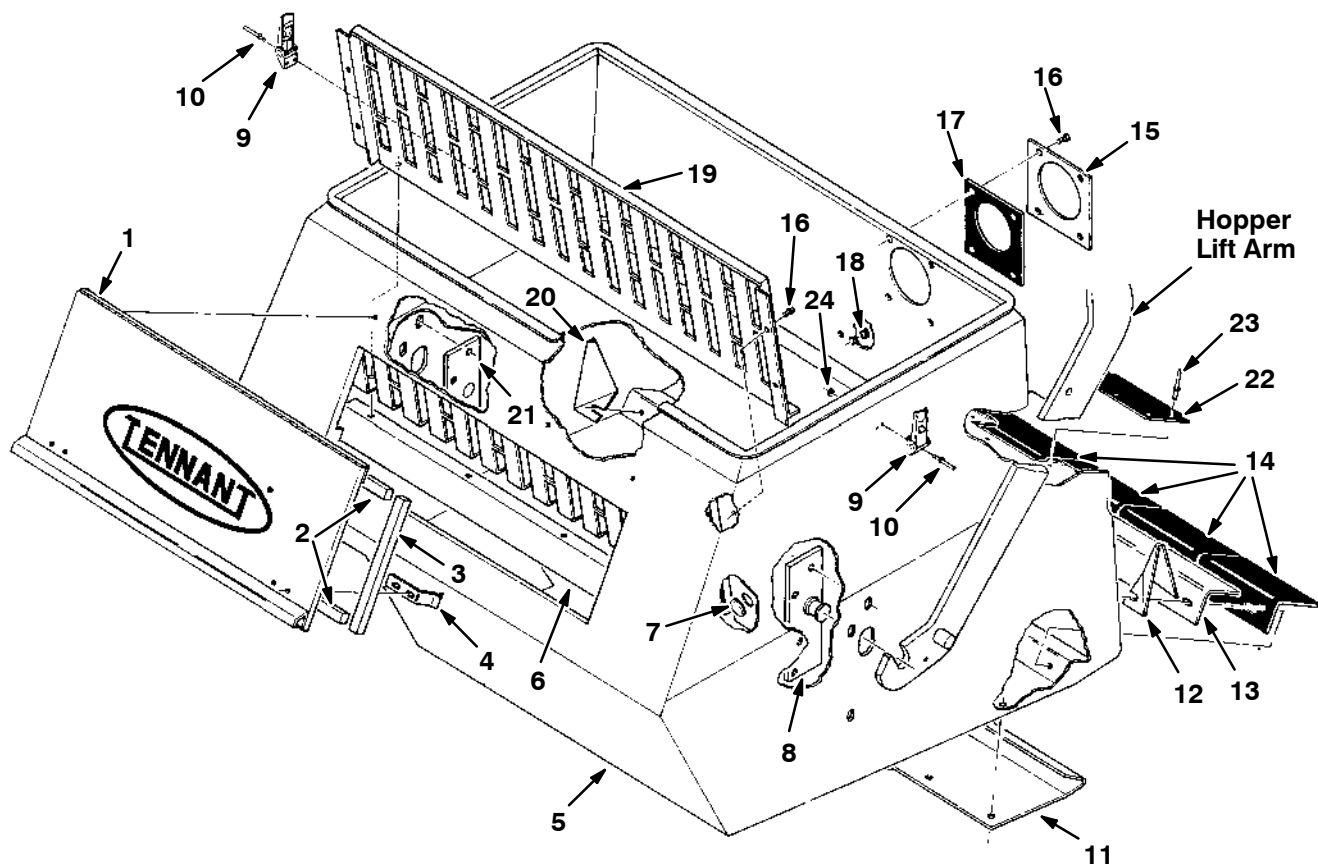


Fig. 8 – Hopper Group

Fig. 8 – Hopper Group

| Key | TENNANT<br>Part No. | Machine<br>Serial Number | Description               | Qty. |
|-----|---------------------|--------------------------|---------------------------|------|
| 1   | 53462               | (010001 – )              | Door, Hopper              | 1    |
| 2   | 53461 – 2           | (010001 – )              | Seal, Foam Rubber         | 2    |
| 3   | 53461 – 1           | (010001 – )              | Seal, Foam Rubber         | 2    |
| 4   | 53697               | (010001 – )              | Catch, Spring             | 2    |
| 5   | 02671               | (010001 – )              | Hopper                    | 1    |
| 6   | 82468               | (010001 – )              | Deflector, Filter Box     | 1    |
| 7   | 47178 – 2           | (010001 – )              | Plugbutton                | 1    |
| 8   | 24096               | (010001 – )              | Support, Front Pan, L.H.  | 1    |
| 9   | 87579               | (010001 – )              | Latch, Tension            | 2    |
| 10  | 34738               | (010001 – )              | Rivet, Pop                | 4    |
| 11  | 46077               | (010001 – )              | Plate                     | 1    |
| 12  | 46596               | (010001 – )              | Deflector, Dirt, L.H.     | 1    |
| 13  | 46080               | (010001 – )              | Angle, Rubber Lip Backing | 1    |
| 14  | 48060               | (010001 – )              | Lip, Rubber               | 5    |
| 15  | 82467               | (010001 – )              | Plate, Seal Retaining     | 1    |
| 16  | 58670               | (010001 – )              | Screw, Hex, Nylon         | 13   |
| 17  | 82466               | (010001 – )              | Seal, Hopper              | 1    |
| 18  | 47178 – 3           | (010001 – )              | Plugbutton                | 1    |
| 19  | 82469               | (010001 – )              | Baffle, Hopper Inner      | 1    |
| 20  | 46595               | (010001 – )              | Deflector, Dirt, R.H.     | 1    |
| 21  | 24097               | (010001 – )              | Support, Front Pan, R.H.  | 1    |
| 22  | 02886               | (010001 – )              | Seal, Hopper              | 1    |
| 23  | 56799               | (010001 – )              | Rivet, Pop                | 5    |
| 24  | 02892               | (010001 – )              | Washer                    | 4    |

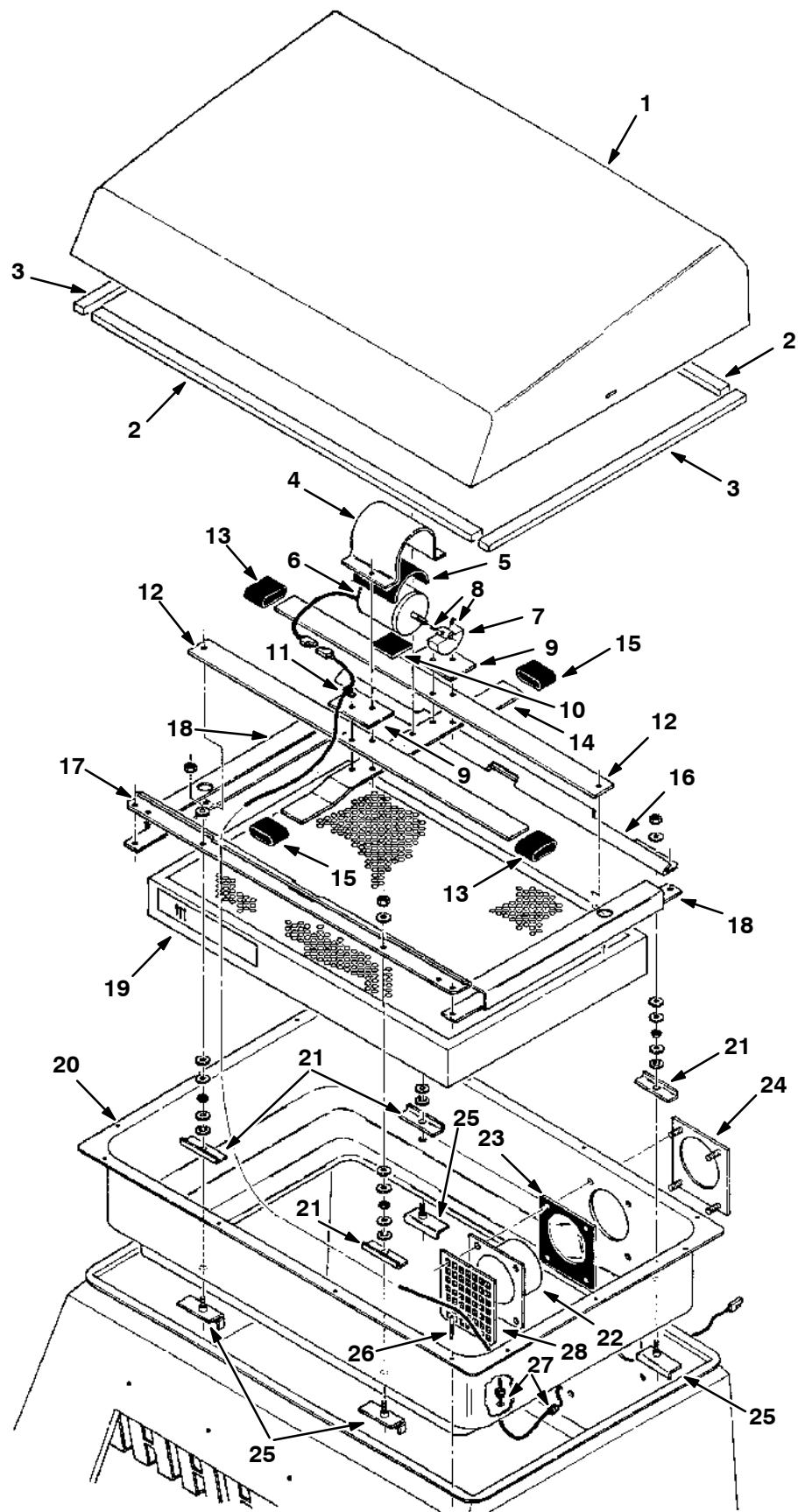


Fig. 9 – Hopper Cover and Filter Group

Fig. 9 – Hopper Cover and Filter Group

| Key | TENNANT<br>Part No. | Machine<br>Serial Number | Description                 | Qty. |
|-----|---------------------|--------------------------|-----------------------------|------|
| 1   | 02728               | (010001 – )              | Cover, Hopper and Filter    | 1    |
| 2   | 82416               | (010001 – )              | Seal, Hopper Cover          | 2    |
| 3   | 82415               | (010001 – )              | Seal, Hopper Cover          | 2    |
| 4   | 36666               | (010001 – )              | Strap, Motor                | 1    |
| 5   | 36658               | (010001 – )              | Bar, Rubber                 | 1    |
| 6   | 54121               | (010001 – )              | Motor, Electric             | 1    |
| 7   | 55130               | (010001 – )              | Weight, Eccentric           | 1    |
| 8   | 39319               | (010001 – )              | Screw, Set                  | 2    |
| 9   | 82475               | (010001 – )              | Bar, Shaker Spring          | 2    |
| 10  | 36661               | (010001 – )              | Bar, Rubber                 | 2    |
| 11  | 46236               | (010001 – )              | Clamp, Cable                | 1    |
| 12  | 58482               | (010001 – )              | Spring, Shaker              | 2    |
| 13  | 36663               | (010001 – )              | Sleeve, Rubber              | 2    |
| 14  | 58483               | (010001 – )              | Bar, Shaker                 | 1    |
| 15  | 36665               | (010001 – )              | Sleeve, Rubber              | 2    |
| 16  | 82455               | (010001 – )              | Bracket, Rear Retaining     | 1    |
| 17  | 82452               | (010001 – )              | Bracket, Filter Retainer    | 1    |
| 18  | 82453               | (010001 – )              | Bracket, Retaining          | 2    |
| 19  | 58476               | (010001 – )              | Filter, Panel 137 Pleats    | 1    |
| 19  | 12962               | (010001 – )              | Filter, Panel 94 Pleats     | 1    |
| 19  | 25885               | (010001 – )              | Filter, Panel Synthetic     | 1    |
| 20  | 82460               | (010001 – )              | Carrier, Filter             | 1    |
| 21  | 82472               | (010001 – )              | Bracket                     | 4    |
| 22  | 82461               | (010001 – )              | Tube, Duct                  | 1    |
| 23  | 82471               | (010001 – )              | Seal, Hopper                | 1    |
| 24  | 82465               | (010001 – )              | Plate, Retaining            | 1    |
| 25  | 82504               | (010001 – )              | Stud Assembly, Filter Mount | 4    |
| 26  | 82457               | (010001 – )              | Rivet, Pop                  | 14   |
| 27  | 47591               | (010001 – )              | Strain Relief               | 2    |
| 28  | 82514               | (010001 – )              | Screen, Fan Inlet           | 1    |



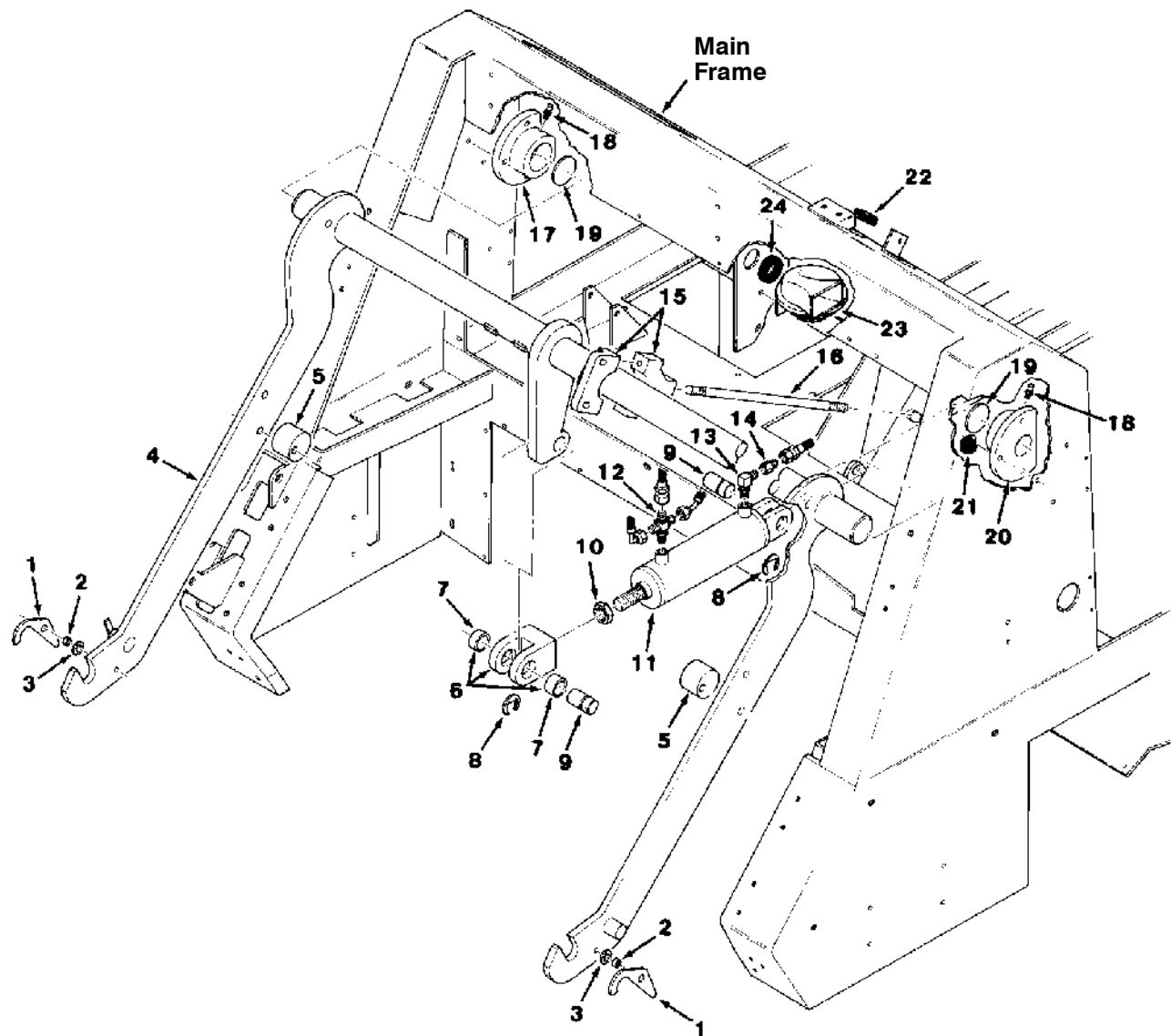


Fig. 10 – Hopper Lift Arms Group

Fig. 10 – Hopper Lift Arms Group

| Key | TENNANT<br>Part No. | Machine<br>Serial Number | Description                                    | Qty. |
|-----|---------------------|--------------------------|------------------------------------------------|------|
| 1   | 46132               | (010001 – )              | Hook                                           | 2    |
| 2   | 46137               | (010001 – )              | Sleeve                                         | 2    |
| 3   | 46147               | (010001 – )              | Washer                                         | 2    |
| 4   | 82191               | (010001 – )              | Arm Assembly, Hopper                           | 1    |
| 5   | 23452–2             | (010001 – )              | Cam, Pan Adjusting                             | 2    |
| 6   | 32942               | (010001 – )              | Clevis Assembly                                | 1    |
| 7   | 35688               | (010001 – )              | Bearing, Journal                               | 2    |
| 8   | 23788               | (010001 – )              | Ring, Retaining                                | 2    |
| 9   | 32941               | (010001 – )              | Pin, Grooved                                   | 2    |
| 10  | 48988               | (010001 – )              | Nut, Hex                                       | 1    |
| 11  | 04468               | (010001 – )              | Cylinder, Hydraulic (See Hydraulic Components) | 1    |
| 12  | 82802               | (010001 – )              | Fitting, Cross                                 | 1    |
| 13  | 77097               | (010001 – )              | Fitting, Elbow                                 | 1    |
| 14  | 16456               | (010001 – )              | Fitting, Restrictor                            | 1    |
| 15  | 23580–2             | (010001 – )              | Bearing                                        | 1    |
| 16  | 23583–2A            | (010001 – )              | Stud                                           | 1    |
| 17  | 23454–2             | (010001 – )              | Bearing, R.H.                                  | 1    |
| 18  | 47801               | (010001 – )              | Fitting, Grease                                | 2    |
| 19  | 23138               | (010001 – )              | Shim                                           | 6    |
| 20  | 23455–2             | (010001 – )              | Bearing, L.H.                                  | 1    |
| 21  | 82829               | (010001 – )              | Clamp, Support                                 | 1    |
| 22  | 10632–19            | (010001 – )              | Grommet, Rubber                                | 1    |
| 23  | 14138A              | (010001 – )              | Horn                                           | 1    |
| 24  | 10632–1             | (010001 – )              | Grommet, Rubber                                | 1    |

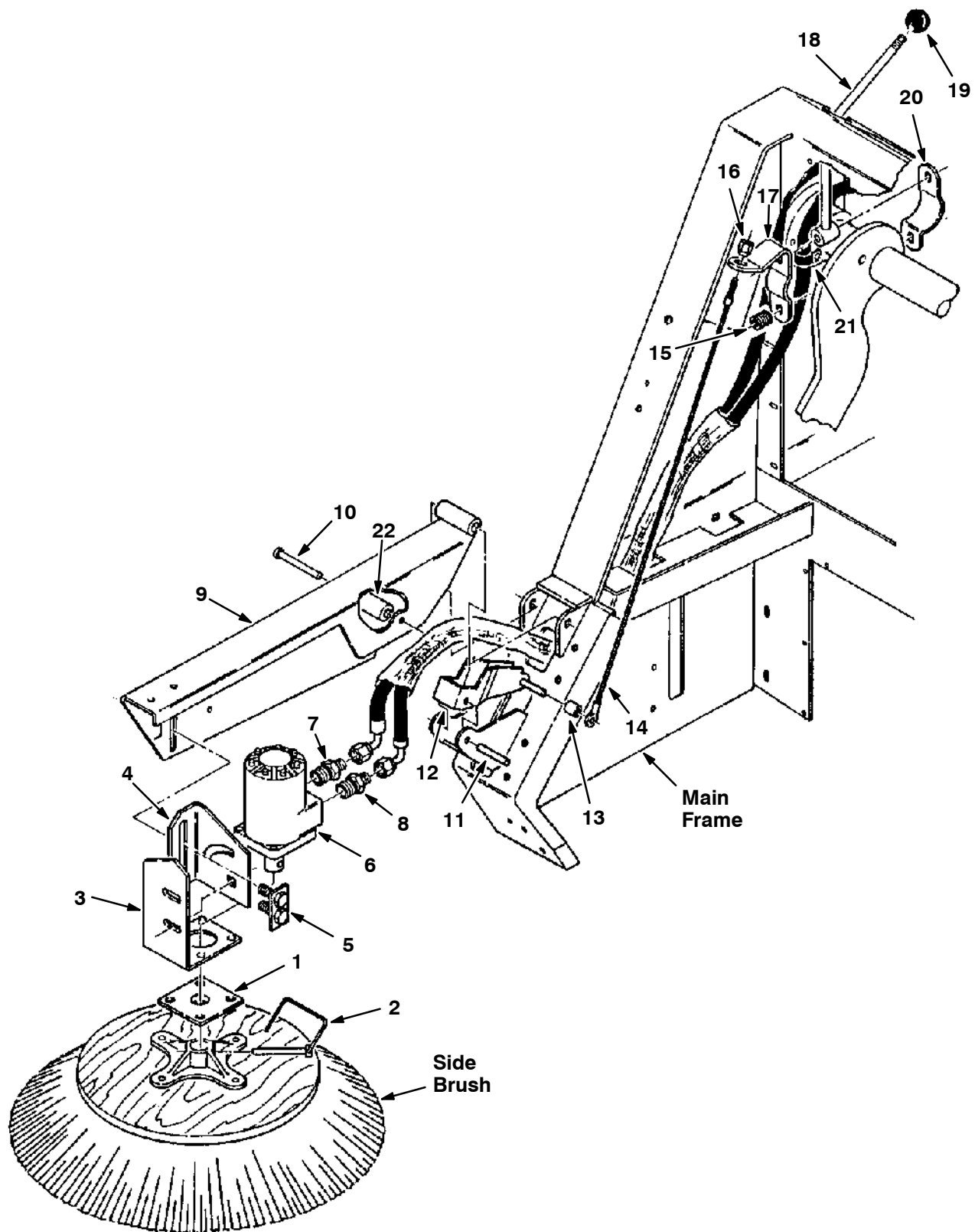


Fig. 11 – Side Brush Group

Fig. 11 -- Side Brush Group

| Key | TENNANT<br>Part No. | Machine<br>Serial Number | Description                                 | Qty. |
|-----|---------------------|--------------------------|---------------------------------------------|------|
| 1   | 16082               | (010001 – )              | Guard, String                               | 1    |
| 2   | 02662               | (010001 – )              | Keeper, Pin                                 | 1    |
| 3   | 02661               | (010001 – )              | Bracket, Motor                              | 1    |
| 4   | 24207               | (010001 – )              | Bracket, Adjustment                         | 1    |
| 5   | 46347               | (010001 – )              | Lug, Side Brush                             | 1    |
| 6   | 13105               | (010001 – 010216)        | Motor, Hydraulic (See Hydraulic Components) | 1    |
| 6   | 28808               | (010217 – )              | Motor, Hydraulic (See Hydraulic Components) | 1    |
| 7   | 57984               | (010001 – )              | Fitting, Straight                           | 1    |
| 8   | 47508               | (010001 – )              | Fitting, Straight                           | 1    |
| 9   | 48062               | (010001 – )              | Arm, Side Brush                             | 1    |
| 10  | 23191               | (010001 – )              | Pin, Clevis                                 | 1    |
| 11  | 23536               | (010001 – )              | Pin                                         | 1    |
| 12  | 23503A              | (010001 – )              | Lever Assembly, Lift                        | 1    |
| 13  | 08892               | (010001 – )              | Sleeve                                      | 1    |
| 14  | 23294               | (010001 – )              | Cable Assembly, Eye and Stud                | 1    |
| 15  | 14174               | (010001 – )              | Spring, Compression                         | 1    |
| 16  | 23293               | (010001 – )              | Nut, Hex, Special                           | 1    |
| 17  | 23307 – 1           | (010001 – )              | Lever, Lift Handle                          | 1    |
| 18  | 82135               | (010001 – )              | Handle, Brush Lift                          | 1    |
| 19  | 26156               | (010001 – )              | Knob                                        | 1    |
| 20  | 23306 – 1           | (010001 – )              | Bracket, Clip                               | 1    |
| 21  | 82829               | (010001 – )              | Clamp, Hose Support                         | 1    |
| 22  | 02885               | (010001 – )              | Sleeve                                      | 1    |

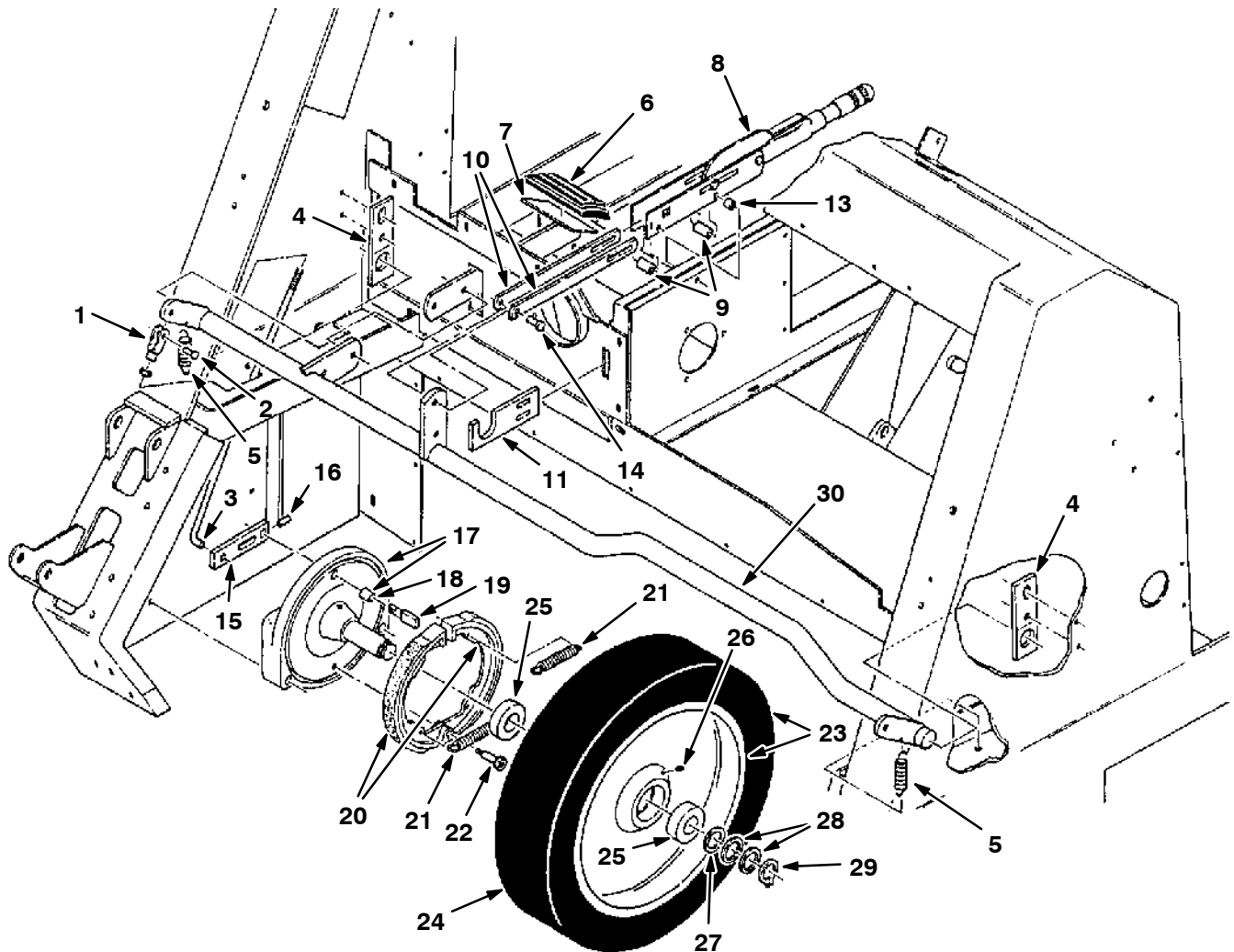
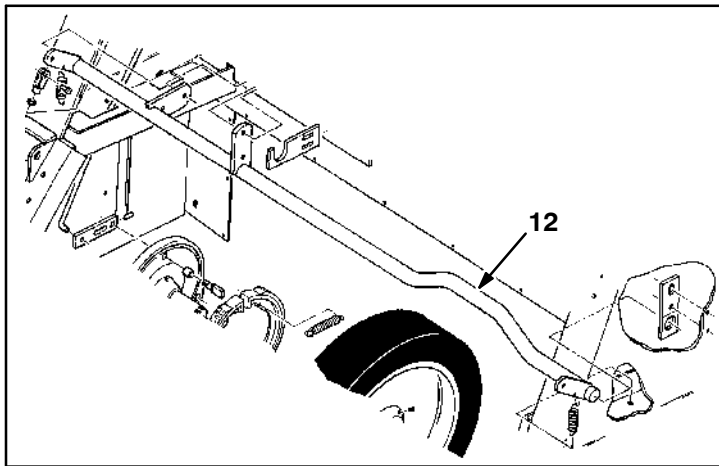


Fig. 12 – Front Wheel and Brakes Group

Fig. 12 – Front Wheel and Brakes Group

| Key | TENNANT<br>Part No. | Machine<br>Serial Number | Description                      | Qty. |
|-----|---------------------|--------------------------|----------------------------------|------|
| 1   | 14595-1             | (010001- )               | Clevis, Adjustable               | 2    |
| 2   | 14605               | (010001- )               | Pin, Clevis                      | 2    |
| 3   | 82219               | (010001- )               | Rod, Brakes Control              | 2    |
| 4   | 23280-2             | (010001- )               | Hanger                           | 2    |
| 5   | 03091               | (010001- )               | Spring, Tension                  | 2    |
| 6   | 51109               | (010001- )               | Pad                              | 1    |
| 7   | 82244               | (010001- )               | Arm, Brake Pedal                 | 1    |
| 8   | 51545               | (010001- )               | Lever, Brake                     | 1    |
| 9   | 51562               | (010001- )               | Sleeve                           | 2    |
| 10  | 82254               | (010001- )               | Arm, Extension                   | 2    |
| 11  | 82255               | (010001- )               | Support, Cross Shaft             | 1    |
| 12  | 82240               | (010001-010749)          | Shaft, Brake                     | 1    |
| 13  | 01275               | (010001- )               | Sleeve                           | 1    |
| 14  | 69582               | (010001- )               | Pin, Clevis                      | 1    |
|     | 82232               | (010001- )               | Axle Assembly, Front             | 2    |
| 15  | 23484               | (010001- )               | Arm                              | 1    |
| 16  | 20021               | (010001- )               | Pin, Roll                        | 1    |
| 17  | 08107               | (010001- )               | Axle and Bushing Assembly, Front | 1    |
| 18  | 24992               | (010001- )               | Bushing, Sleeve                  | 1    |
| 19  | 23272               | (010001- )               | Cam                              | 1    |
| 20  | 56058               | (010001- )               | Brake Shoe and Lining Assembly   | 2    |
| 21  | 09758               | (010001- )               | Spring, Tension                  | 2    |
| 22  | 56060               | (010001- )               | Screw, Shoulder                  | 1    |
|     | 82230               | (010001- )               | Wheel Assembly, Front            | 2    |
| 23  | 82238               | (010001- )               | Wheel and Tire Assembly          | 1    |
| 24  | 25197A              | (010001- )               | Tire                             | 1    |
| 25  | 33816               | (010001- )               | Bearing, Ball                    | 2    |
| 26  | 10552               | (010001- )               | Fitting, Plug                    | 1    |
| 27  | 82226               | (010001- )               | Washer                           | 2    |
| 28  | 82227               | (010001- )               | Washer                           | 4    |
| 29  | 06442               | (010001- )               | Ring, Retainer                   | 2    |
| 30  | 30390               | (010750- )               | Shaft, Brake                     | 1    |

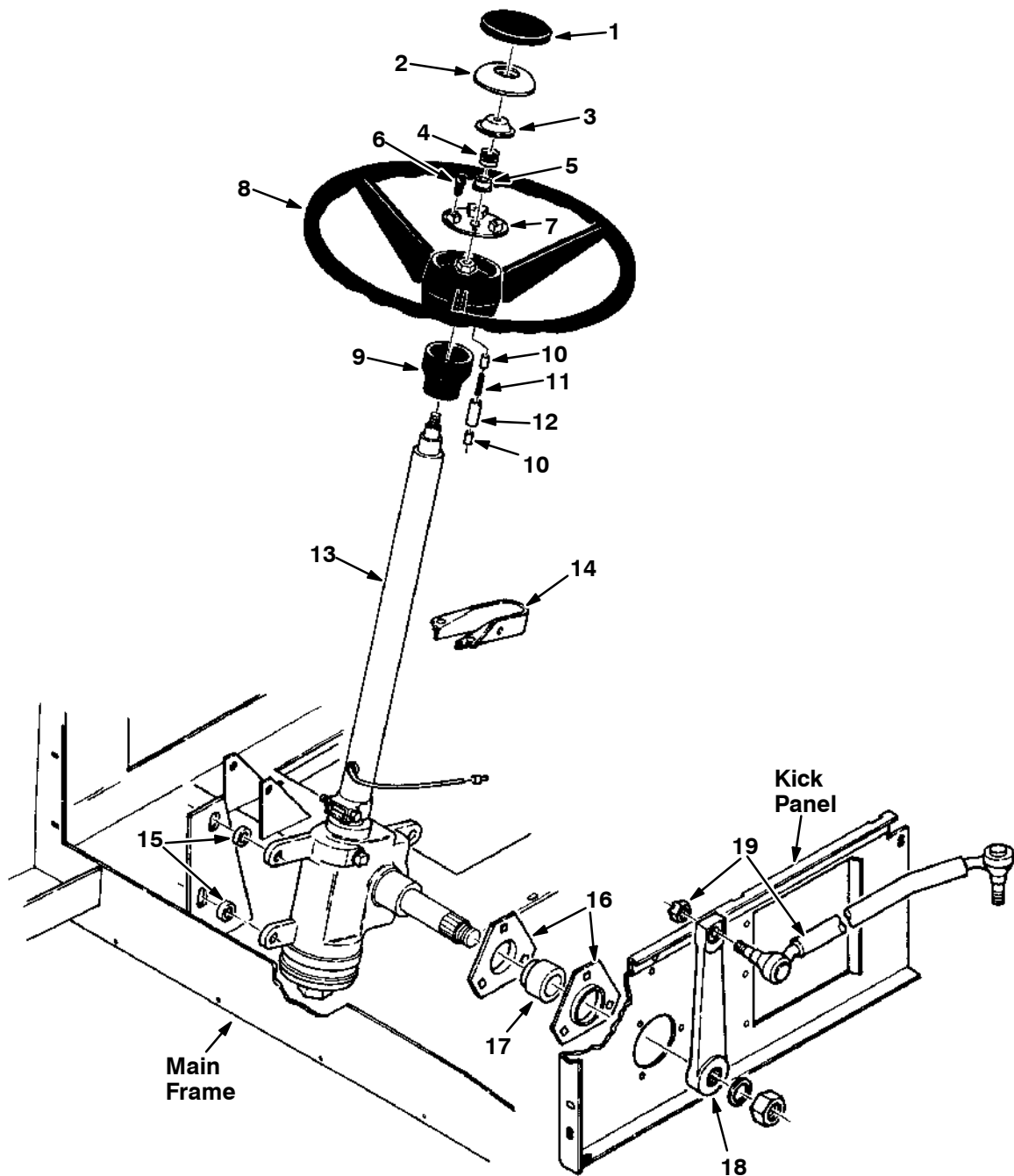


Fig. 13 – Steering Control Group

Fig. 13 – Steering Control Group

| Key | TENNANT<br>Part No. | Machine<br>Serial Number | Description                        | Qty. |
|-----|---------------------|--------------------------|------------------------------------|------|
| 1   | 47010-7             | (010001- )               | Cover, Horn Button                 | 1    |
| 2   | 47010-6             | (010001- )               | Button, Horn                       | 1    |
| 3   | 47010-2             | (010001- )               | Cup, Contact                       | 1    |
| 4   | 47010-3             | (010001- )               | Spring, Horn Button                | 1    |
| 5   | 47010-1             | (010001- )               | Cap, Contact                       | 1    |
| 6   | 47010-4             | (010001- )               | Screw, Wood                        | 3    |
| 7   | 47010-5             | (010001- )               | Plate Assembly, Base               | 1    |
| 8   | 82201               | (010001- )               | Wheel, Steering                    | 1    |
| 9   | 54159               | (010001- )               | Adaptor, Molded                    | 1    |
| 9   | 47011               | (010001- )               | Unit Assembly, Horn Brush          | 1    |
| 10  | 46311               | (010001- )               | Brush, Horn                        | 2    |
| 11  | 46313               | (010001- )               | Spring, Compression                | 1    |
| 12  | 46312               | (010001- )               | Tube, Acrylic                      | 1    |
| 13  | 55667               | (010001- )               | Gear and Column Assembly, Steering | 1    |
| 14  | 23315-2             | (010001- )               | Support, Steering Column           | 1    |
| 15  | 82229               | (010001- )               | Sleeve                             | 2    |
| 16  | 51449               | (010001- )               | Flange, Bearing                    | 2    |
| 17  | 48050-1             | (010001- )               | Bearing, Ball                      | 1    |
| 18  | 35618               | (010001- )               | Arm, Pitman                        | 1    |
| 19  | 53481               | (010001- )               | Link, Drag                         | 1    |



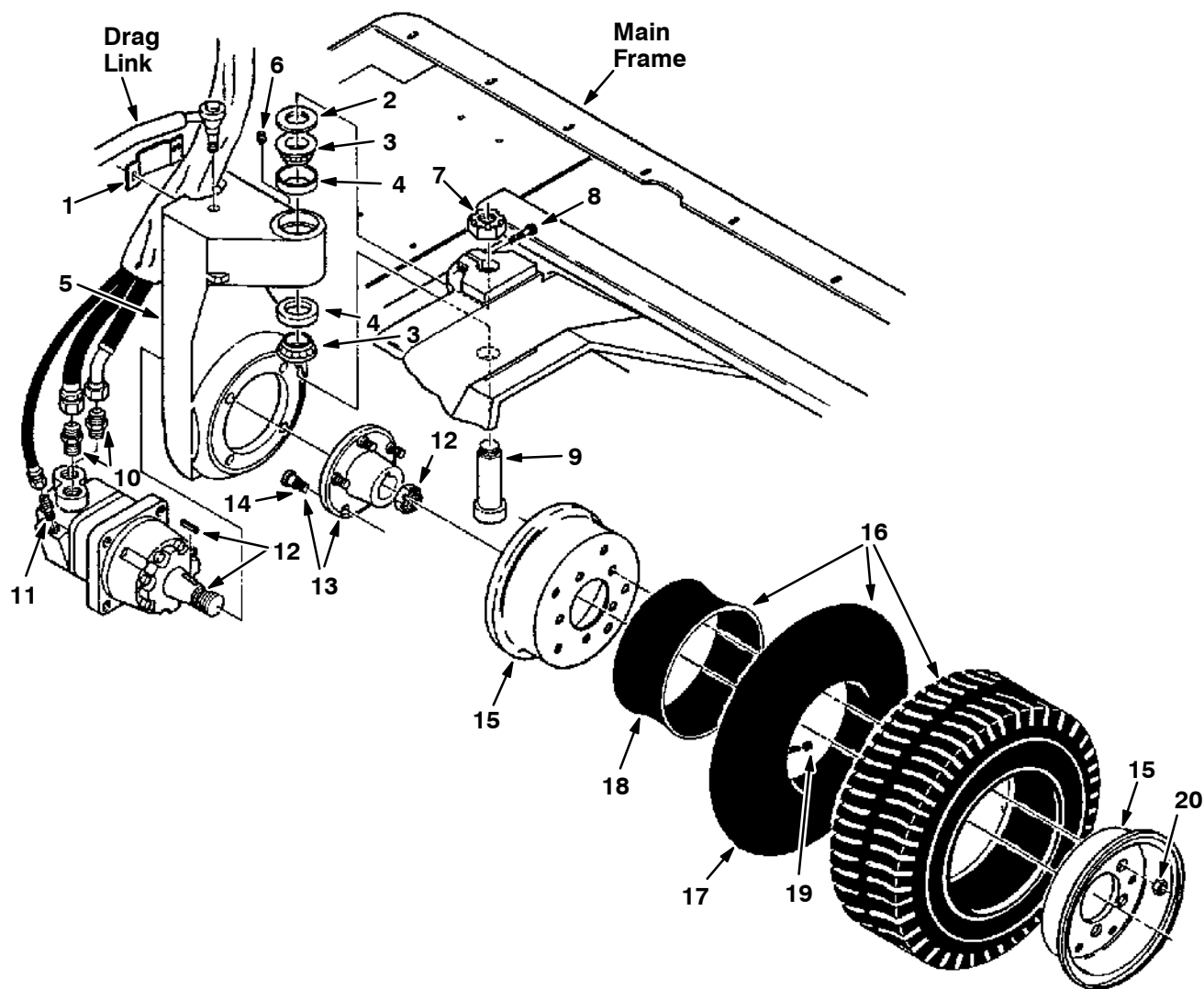
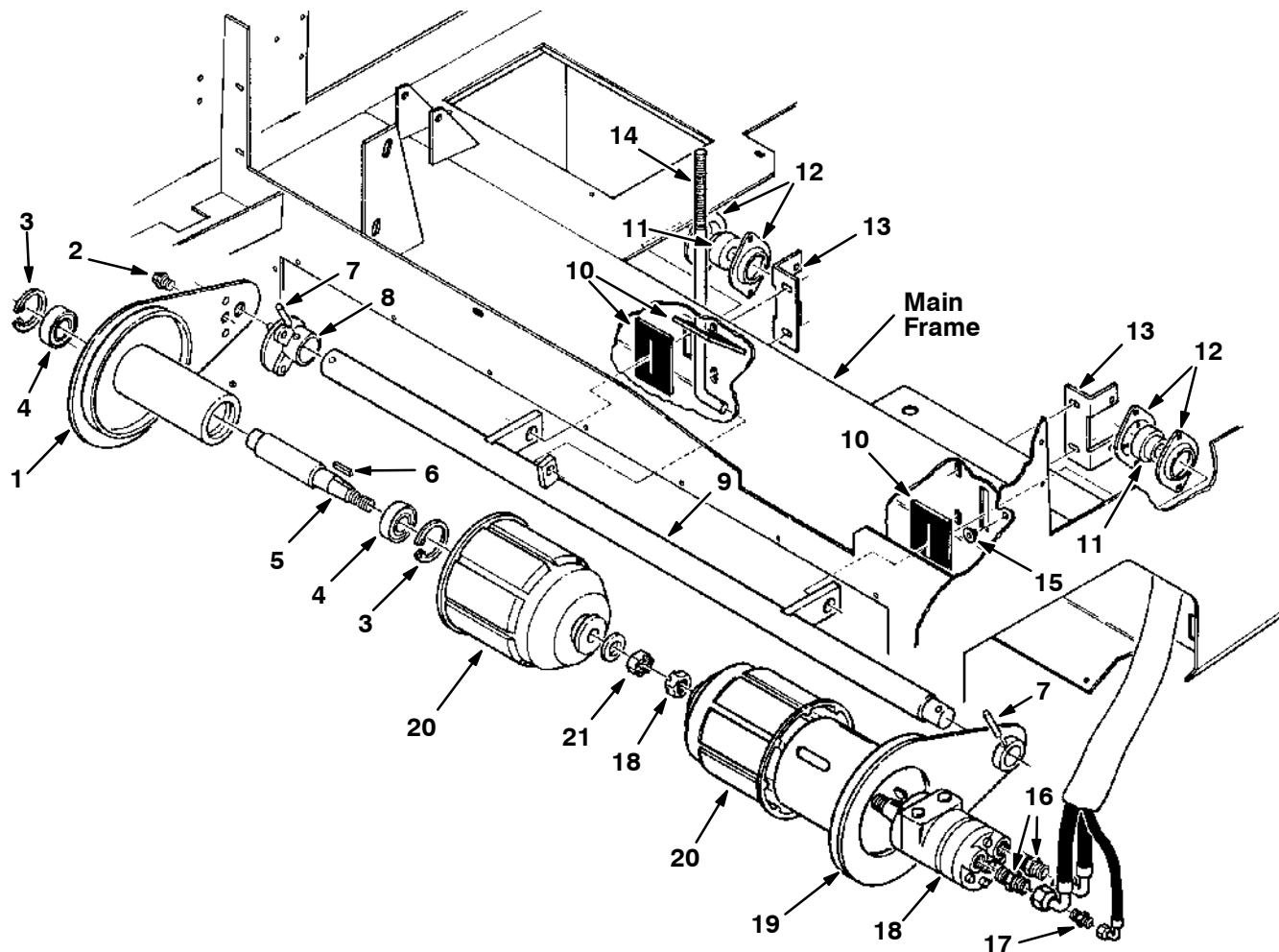


Fig. 14 – Rear Wheel Drive Group

Fig. 14 – Rear Wheel Drive Group

| Key | TENNANT<br>Part No. | Machine<br>Serial Number | Description                                 | Qty. |
|-----|---------------------|--------------------------|---------------------------------------------|------|
| 1   | 82797               | (010001 – )              | Clamp, Hose                                 | 1    |
| 2   | 47719               | (010001 – )              | Washer                                      | 1    |
|     | 49225               | (010001 – )              | Bearing, Cup and Cone Assembly              | 1    |
| 3   | 24988               | (010001 – )              | Bearing, Cone                               | 2    |
| 4   | 24989               | (010001 – )              | Bearing, Cup                                | 2    |
| 5   | 02637               | (010001 – )              | Support, Rear Drive                         | 1    |
| 6   | 47801               | (010001 – )              | Fitting, Grease                             | 1    |
| 7   | 14242               | (010001 – )              | Nut, Slotted Hex                            | 1    |
| 8   | 02987               | (010001 – )              | Screw, Socket                               | 1    |
| 9   | 57925               | (010001 – )              | Pin, Support                                | 1    |
| 10  | 06750               | (010001 – )              | Fitting, Straight                           | 2    |
| 11  | 55586               | (010001 – )              | Fitting, Straight                           | 1    |
| 12  | 48663               | (010001 – )              | Motor, Hydraulic (See Hydraulic Components) | 1    |
| 13  | 02640               | (010001 – )              | Hub and Stud Assembly                       | 1    |
| 14  | 51355               | (010001 – )              | Stud, Wheel                                 | 5    |
|     | 53640               | (010001 – )              | Tire and Wheel Assembly, Rear               | 1    |
| 15  | 53818               | (010001 – )              | Rim Assembly                                | 1    |
| 16  | 53819               | (010001 – )              | Tire, Tube and Flap Assembly                | 1    |
| 17  | 53819–1             | (010001 – )              | Tube, Inner                                 | 1    |
| 18  | 53819–2             | (010001 – )              | Flap, Tire Tube                             | 1    |
| 19  | 45786               | (010001 – )              | Cap, Valve Stem                             | 1    |
| 20  | 24339               | (010001 – )              | Nut, Wheel Angle                            | 5    |



04718

**Fig. 15 – Main Brush Drive Group**

| Key | TENNANT<br>Part No. | Machine<br>Serial Number | Description                                 | Qty. |
|-----|---------------------|--------------------------|---------------------------------------------|------|
| 1   | 02659               | (010001 – )              | Arm, Idler                                  | 1    |
| 2   | 53985               | (010001 – )              | Plug                                        | 1    |
| 3   | 40727               | (010001 – )              | Ring, Retaining                             | 2    |
| 4   | 13534               | (010001 – )              | Bearing, Ball                               | 2    |
| 5   | 13151               | (010001 – )              | Shaft, Idler                                | 1    |
| 6   | 00927               | (010001 – )              | Key, Square                                 | 1    |
| 7   | 20050               | (010001 – )              | Pin, Roll                                   | 2    |
| 8   | 07496               | (010001 – )              | Hub Assembly, Brush Arm                     | 1    |
| 9   | 07499               | (010001 – )              | Shaft, Counter                              | 1    |
| 10  | 53906               | (010001 – )              | Seal, Brush Wrap                            | 3    |
| 11  | 25887               | (010001 – )              | Bearing and Collar                          | 2    |
| 12  | 35973               | (010001 – )              | Flange, Bearing                             | 4    |
| 13  | 50521               | (010001 – )              | Bracket, Support                            | 2    |
| 14  | 35677               | (010001 – )              | Rod, L                                      | 1    |
| 15  | 82169               | (010001 – )              | Plug                                        | 4    |
| 16  | 44869               | (010001 – )              | Fitting, Straight                           | 2    |
| 17  | 55586               | (010001 – )              | Fitting, Straight                           | 1    |
| 18  | 13106               | (010001 – 010232)        | Motor, Hydraulic (See Hydraulic Components) | 1    |
| 18  | 27800               | (010233 – )              | Motor, Hydraulic (See Hydraulic Components) | 1    |
| 19  | 02657               | (010001 – )              | Arm, Brush Drive                            | 1    |
| 20  | 87631               | (010001 – )              | Plug, Brush Drive                           | 2    |
| 21  | 39527               | (010001 – )              | Nut, Slotted Hex                            | 1    |

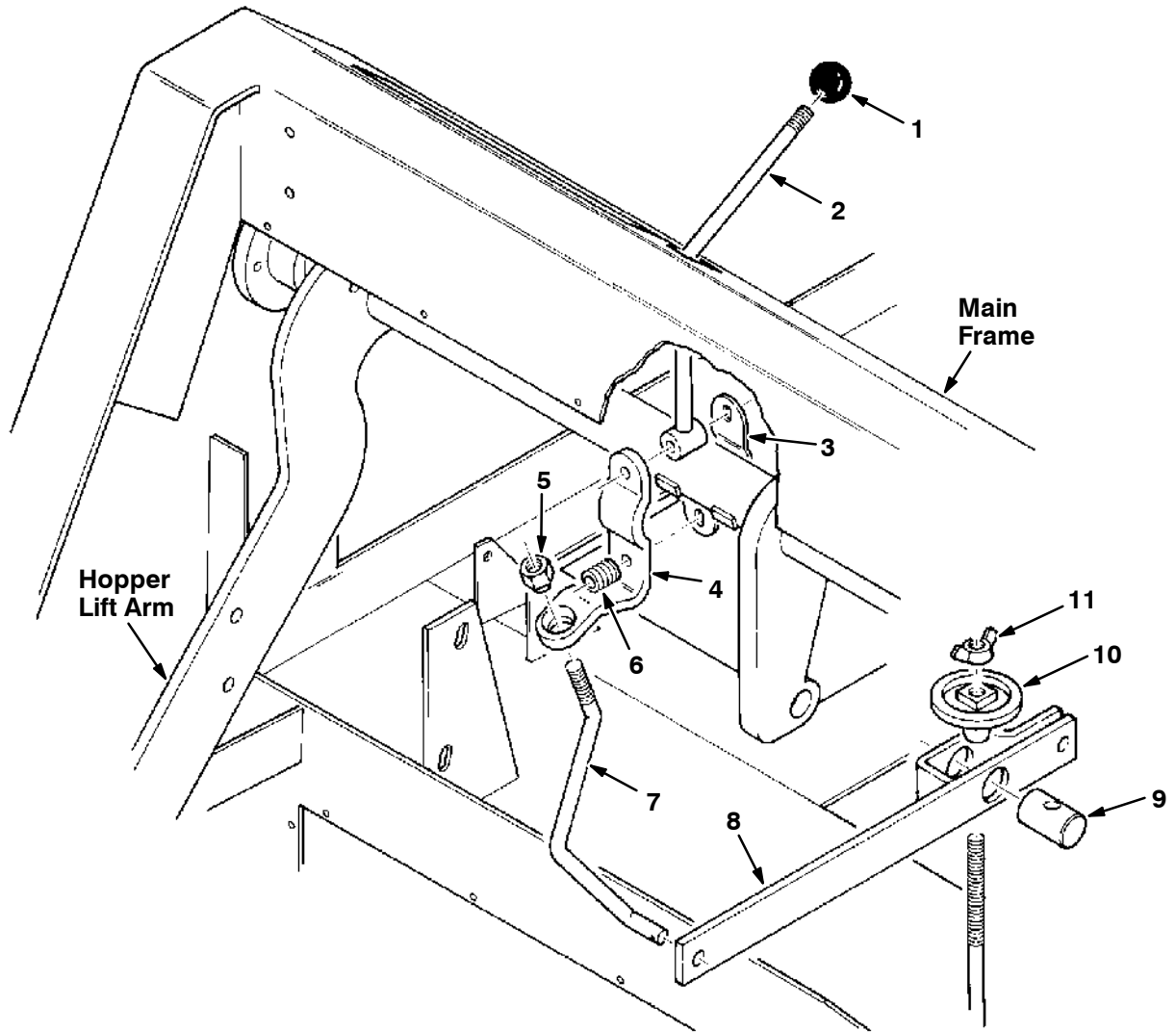


Fig. 16 – Main Brush Lift Group

05900

| Key | TENNANT<br>Part No. | Machine<br>Serial Number | Description         | Qty. |
|-----|---------------------|--------------------------|---------------------|------|
| 1   | 26156               | (010001 – )              | Knob                | 1    |
| 2   | 82135               | (010001 – )              | Handle, Brush Lift  | 1    |
| 3   | 23306-1             | (010001 – )              | Bracket, Clip       | 1    |
| 4   | 23307-1             | (010001 – )              | Lever, Lift Handle  | 1    |
| 5   | 24339               | (010001 – )              | Nut, Wheel Angle    | 1    |
| 6   | 14174               | (010001 – )              | Spring, Compression | 1    |
| 7   | 53182               | (010001 – )              | Rod, Lift           | 1    |
| 8   | 53876               | (010001 – )              | Arm, Lift           | 1    |
| 9   | 51391               | (010001 – )              | Pin, Swivel         | 1    |
| 10  | 51452               | (010001 – )              | Knob                | 1    |
| 11  | 39274               | (010001 – )              | Nut, Wing           | 1    |

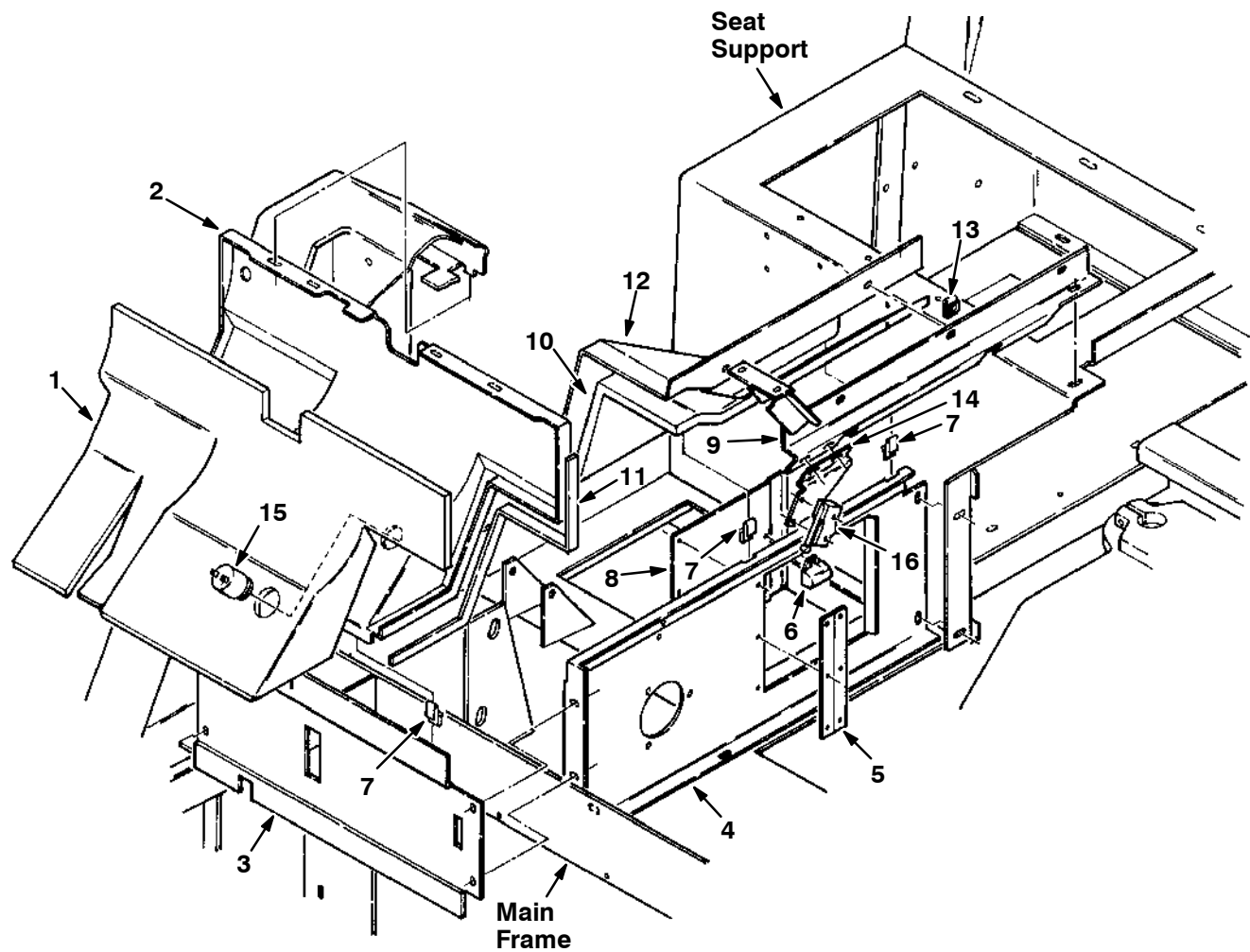


Fig. 17 – Access and Kick Panels Group

04520

| Key | TENNANT<br>Part No. | Machine<br>Serial Number | Description                                                                                                  | Qty. |
|-----|---------------------|--------------------------|--------------------------------------------------------------------------------------------------------------|------|
| 1   | 10870               | (010001– )               | Foam, Acoustic                                                                                               | 1    |
| 2   | 10869               | (010001–010140           | ) Panel, Dash Board                                                                                          | 1    |
| 2   | 02724               | (010141– )               | Panel, Dash Board                                                                                            | 1    |
| 3   | 82363               | (010001–010140           | ) Panel, Front Kick                                                                                          | 1    |
| 3   | 02722               | (010141– )               | Panel, Front Kick                                                                                            | 1    |
| 4   | 82354               | (010001– )               | Panel, Kick                                                                                                  | 1    |
| 5   | 62615               | (010001– )               | Hinge                                                                                                        | 1    |
| 6   | 64903               | (010001– )               | Catch, Door Roller                                                                                           | 1    |
| 7   | 82362               | (010001– )               | Clip, S Spring                                                                                               | 6    |
| 8   | 82353               | (010001– )               | Door, Access                                                                                                 | 1    |
| 9   | 82385               | (010001– )               | Stiffener, Panel                                                                                             | 1    |
| 10  | 82365               | (010001– )               | Foam, Acoustic                                                                                               | 1    |
| 11  | 49351–4             | (010001– )               | Seal, Foam Rubber                                                                                            | 1    |
| 12  | 82360               | (010001– )               | Panel, Access                                                                                                | 1    |
| 13  | 61110               | (010001– )               | Nut, U-Type Retainer                                                                                         | 3    |
| 14  | 82084               | (010001– )               | Bracket, Switch                                                                                              | 1    |
| 15  | 10867               | (010001– )               | Alarm                                                                                                        | 1    |
| 16  | 82092               | (010001– )               | Switch, Roller Lever (Switch mounts on the<br>(opposite side of the bracket for Multi-Level<br>Dump machine) | 1    |

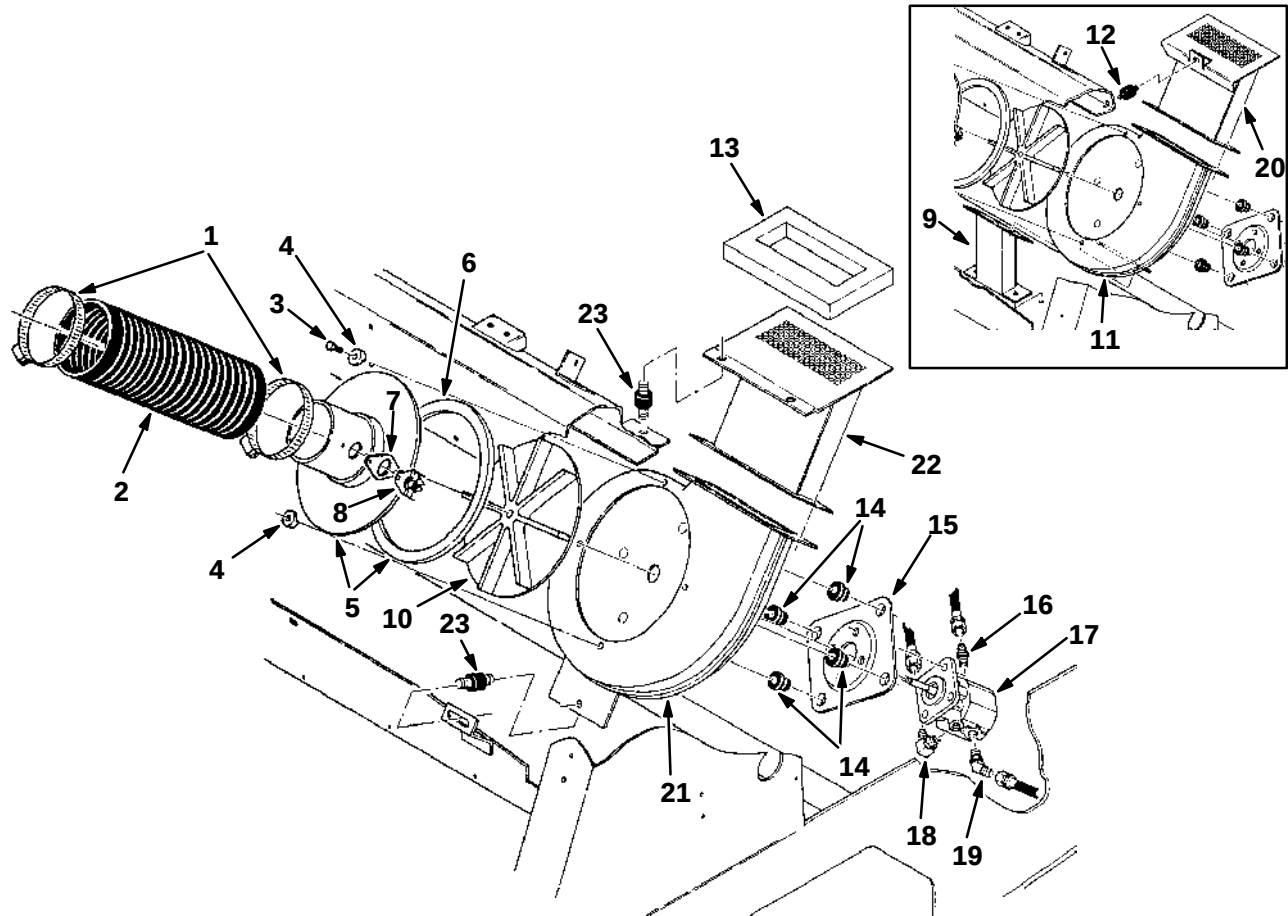


Fig. 18 – Vacuum Fan Group

04745

| Key | TENNANT<br>Part No. | Machine<br>Serial Number | Description                                 | Qty. |
|-----|---------------------|--------------------------|---------------------------------------------|------|
| 1   | 23498               | (010001– )               | Clamp, Worm Drive                           | 2    |
| 2   | 51881               | (010001– )               | Hose, Flex                                  | 1    |
| 3   | 34323               | (010001– )               | Screw, Hex, Nylon                           | 4    |
| 4   | 03467A              | (010001– )               | Clip, Vacuum Housing                        | 4    |
| 5   | 82368               | (010001– )               | Inlet Assembly, Vacuum Fan                  | 1    |
| 6   | 23542               | (010001– )               | Seal, Foam Rubber                           | 1    |
| 7   | 82733               | (010001– )               | Gasket, Fire Switch                         | 1    |
| 8   | 02712               | (010001– )               | Thermostat, Sealed                          | 1    |
| 9   | 82480               | (010001–010749)          | Mount, Fan                                  | 1    |
| 10  | 82268               | (010001– )               | Impeller                                    | 1    |
| 11  | 82386               | (010001–010749)          | Housing, Vacuum Fan                         | 1    |
| 12  | 82661               | (010001–010749)          | Isolator, Vibration                         | 1    |
| 13  | 82424               | (010001– )               | Seal, Muffler                               | 1    |
| 14  | 54274               | (010001– )               | Isolator, Vibration                         | 4    |
| 15  | 54275A              | (010001– )               | Bracket, Mounting                           | 1    |
| 16  | 44869               | (010001– )               | Fitting, Straight                           | 1    |
| 17  | 77101               | (010001– )               | Motor, Hydraulic (See Hydraulic Components) | 1    |
| 18  | 77097               | (010001– )               | Fitting, Elbow                              | 1    |
| 19  | 42226               | (010001– )               | Fitting, Elbow, 45°                         | 1    |
| 20  | 82396               | (010001–010749)          | Duct, Fan Exhaust                           | 1    |
| 21  | 31712               | (010750– )               | Housing, Vacuum Fan                         | 1    |
| 22  | 30362               | (010750– )               | Duct, Fan Exhaust                           | 1    |
| 23  | 82661               | (010750– )               | Isolator, Vibration                         | 3    |

## LOW DUMP MODEL PARTS

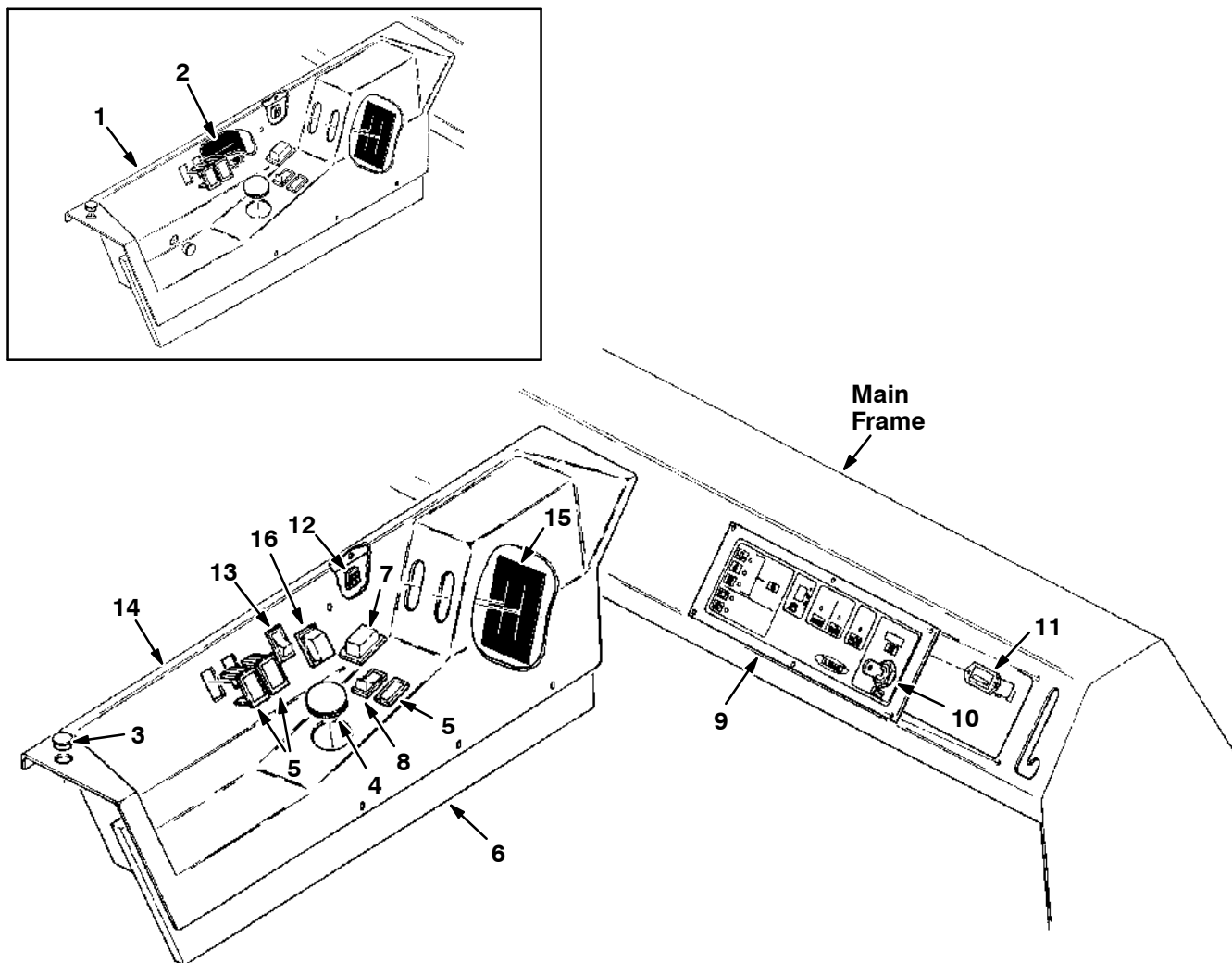


Fig. 19 – Instrument and Control Panels Group

04481

| Key | TENNANT<br>Part No. | Machine<br>Serial Number | Description                          | Qty. |
|-----|---------------------|--------------------------|--------------------------------------|------|
| 1   | 07663               | (010001–010749)          | Panel, Control                       | 1    |
| 2   | 82299               | (010001–010749)          | Seal, Control Panel                  | 2    |
| 3   | 82727               | (010001– )               | Plugbutton                           | 1    |
| 4   | 82747               | (010001– )               | Plugbutton                           | 1    |
| 5   | 57772               | (010001– )               | Plate, Cover                         | 3    |
| 6   | 07642               | (010001– )               | Foam, Acoustic                       | 1    |
| 7   | 57807               | (010001– )               | Seal, Rocker Switch                  | 1    |
| 8   | 81458               | (010001– )               | Switch, Rocker, SPST                 | 1    |
| 9   | 10862               | (010001–010265)          | Electronic Instrument Panel Assembly | 1    |
| 9   | 12940               | (010266– )               | Electronic Instrument Panel Assembly | 1    |
| 10  | 10889               | (010001–010040)          | Switch, Ignition                     | 1    |
| 10  | 10891               | (010041– )               | Switch, Ignition                     | 1    |
|     | 87865               | (010001– )               | Keys, Ignition                       | 2    |
| 11  | 10877               | (010001– )               | Meter, Hour                          | 1    |
| 12  | 61110               | (010001– )               | Nut, U–Type Retainer                 | 4    |
| 13  | 30400               | (010750– )               | Switch, Rocker DPDT                  | 1    |
| 14  | 30286               | (010750– )               | Panel, Control                       | 1    |
| 15  | 82299               | (010750– )               | Seal, Control Panel                  | 1    |
| 16  | 57807               | (010750– )               | Seal, Rocker Switch                  | 1    |

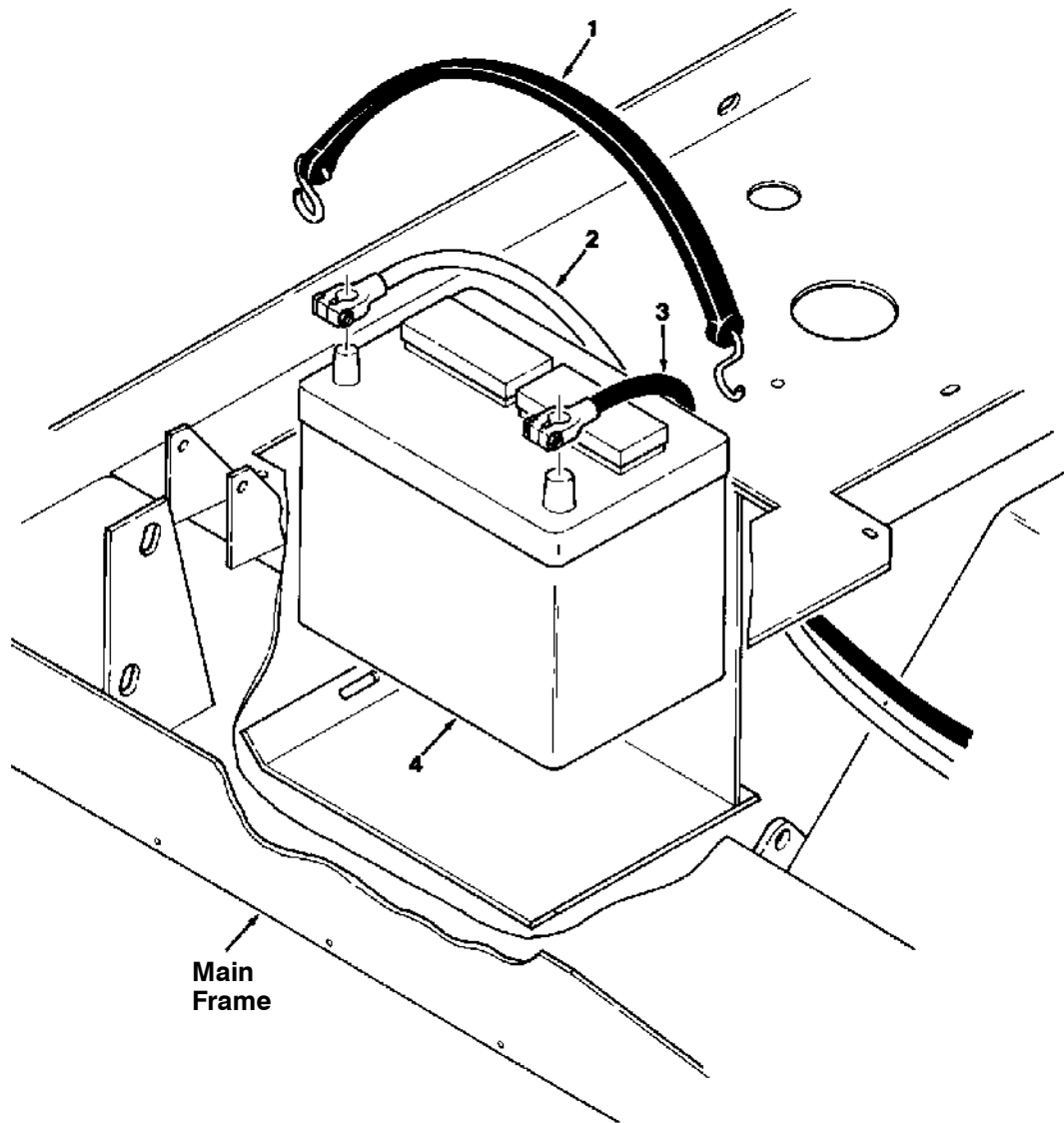
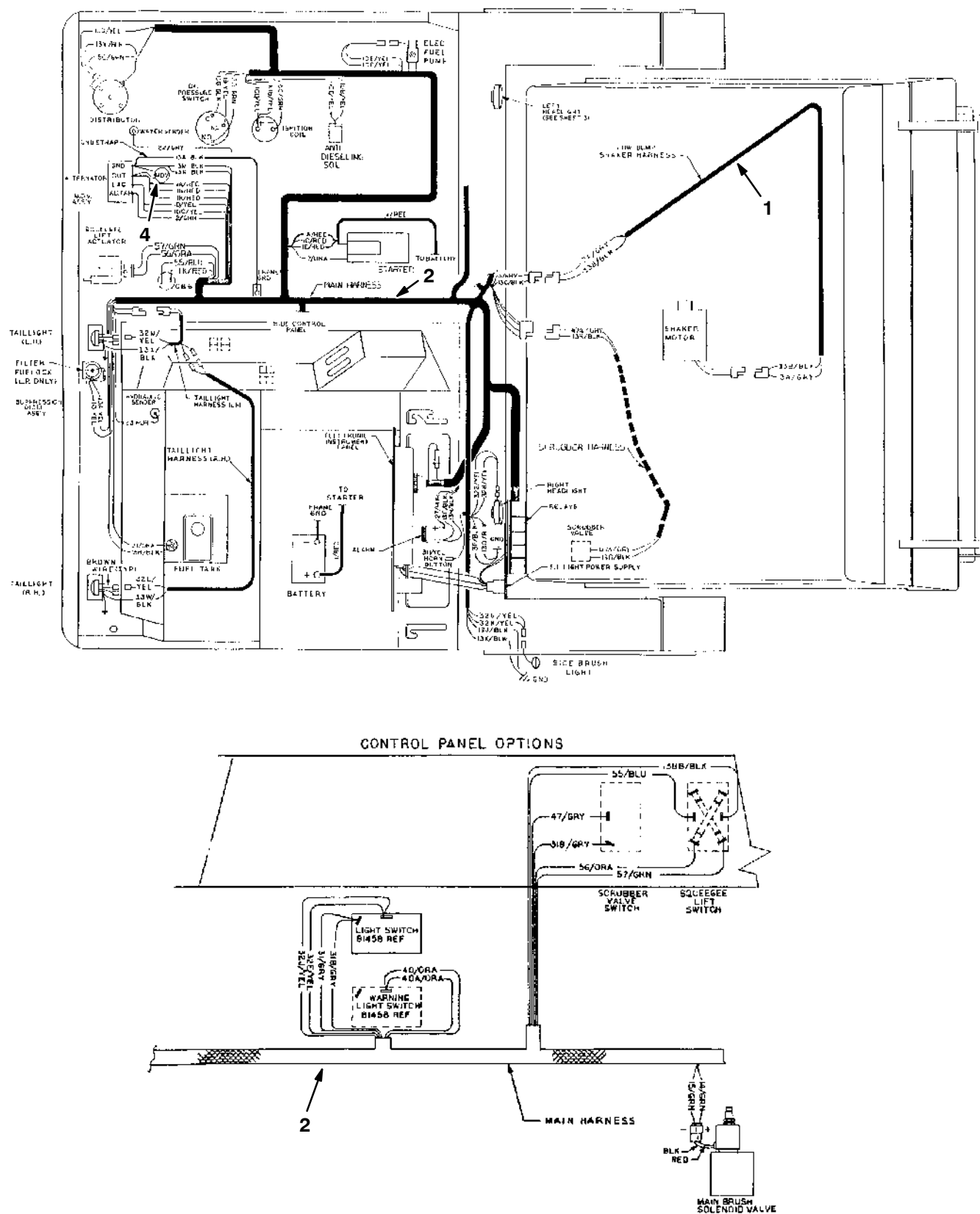


Fig. 20 – Battery Group

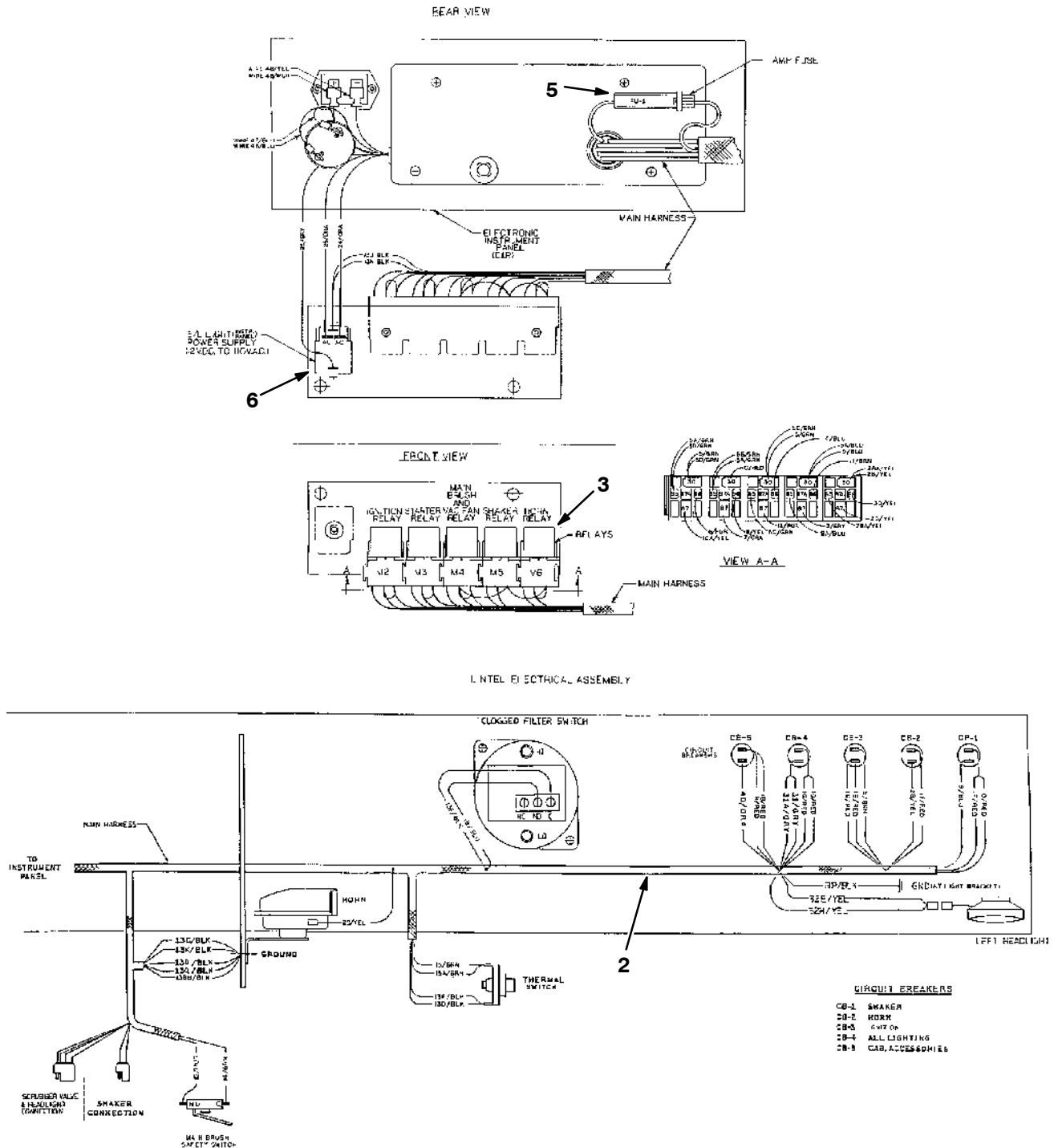
04482

| Key | TENNANT<br>Part No. | Machine<br>Serial Number | Description             | Qty. |
|-----|---------------------|--------------------------|-------------------------|------|
| 1   | 33671               | (010001 – )              | Strap, Rubber Tie-Down  | 1    |
| 2   | 82708               | (010001–010749)          | Cable, Positive Battery | 1    |
| 2   | 57778               | (010750– )               | Cable, Positive Battery | 1    |
| 3   | 82709               | (010001 – )              | Cable, Negative Battery | 1    |
| 4   | 10143               | (010001 – )              | Battery, 540 CCA        | 1    |





**Fig. 21 – Wire Harnesses Group**



**Fig. 21 – Wire Harnesses Group**

04541

| Key | TENNANT<br>Part No. | Machine<br>Serial Number | Description          | Qty. |
|-----|---------------------|--------------------------|----------------------|------|
| 1   | 82723               | (010001 – )              | Wire Harness, Shaker | 1    |
| 2   | 10859               | (010001 – 010749)        | Wire Harness, Main   | 1    |
| 2   | 30289               | (010750 – )              | Wire Harness, Main   | 1    |
| 3   | 10865               | (010001 – )              | Relay, Electrical    | 5    |
| 4   | 10868               | (010001 – )              | Varistor Assembly    | 1    |
| 5   | 59984               | (010001 – )              | Fuse                 | 1    |
| 6   | 10880               | (010001 – )              | Inverter Assembly    | 1    |
|     | 30275               | (010750 – )              | Wire Harness, Engine | 1    |

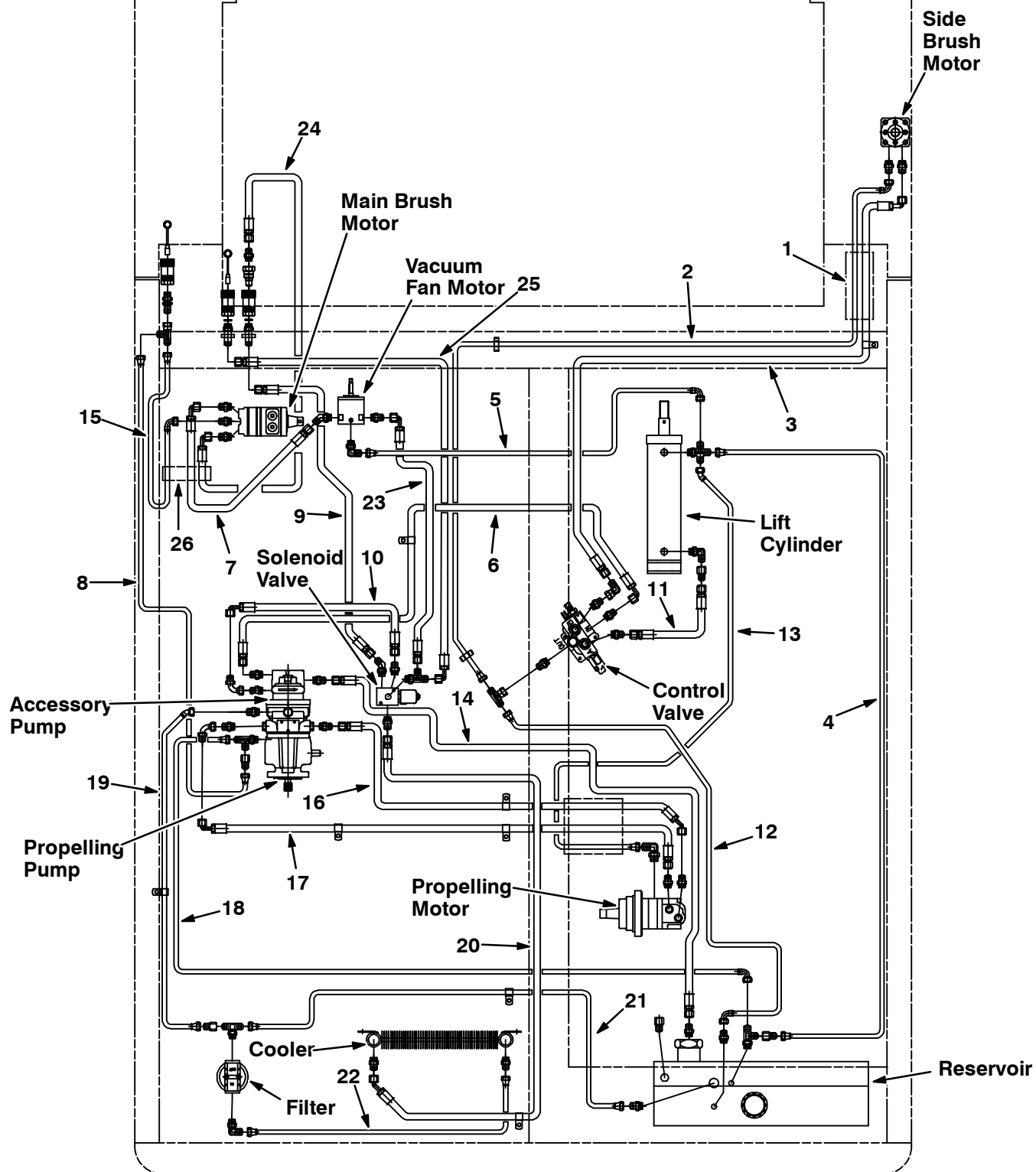
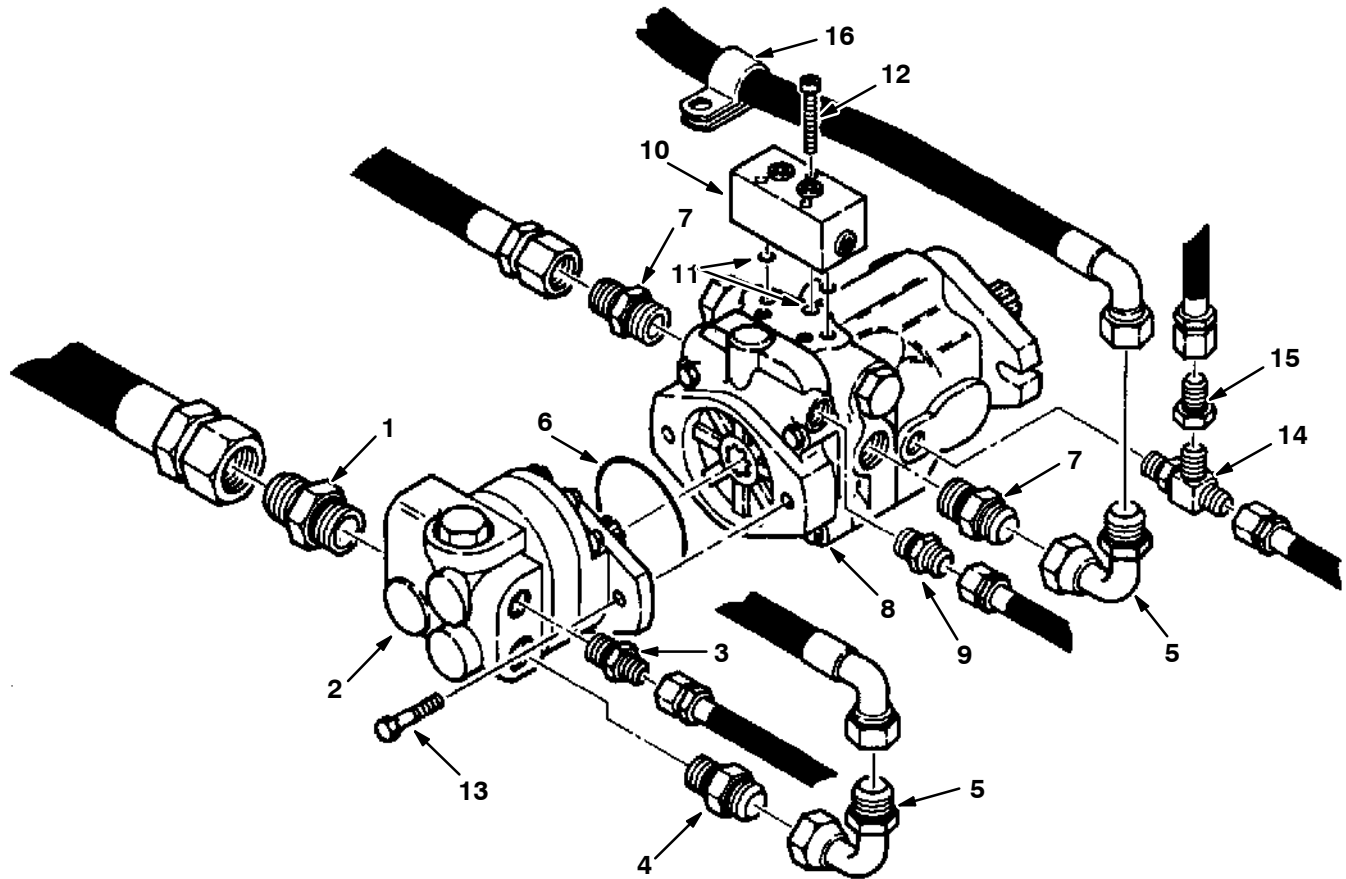


Fig. 22 – Hydraulic Hoses Group

Fig. 22 – Hydraulic Hoses Group

| Key | TENNANT<br>Part No. | Machine<br>Serial Number | Description     | Qty. |
|-----|---------------------|--------------------------|-----------------|------|
| 1   | 82833               | (010001 – )              | Sleeve, Nylon   | 1    |
| 2   | 82810               | (010001 – )              | Hose, Hydraulic | 1    |
| 3   | 82819               | (010001 – )              | Hose, Hydraulic | 1    |
| 4   | 82803               | (010001 – )              | Hose, Hydraulic | 1    |
| 5   | 82805               | (010001 – )              | Hose, Hydraulic | 1    |
| 6   | 57582               | (010001 – )              | Hose, Hydraulic | 1    |
| 7   | 02675               | (010001 – )              | Hose, Hydraulic | 1    |
| 8   | 32550               | (010001 – )              | Hose, Hydraulic | 1    |
| 9   | 02999               | (010001 – )              | Hose, Hydraulic | 1    |
| 10  | 82822               | (010001 – )              | Hose, Hydraulic | 1    |
| 11  | 82814               | (010001 – )              | Hose, Hydraulic | 1    |
| 12  | 82809               | (010001 – )              | Hose, Hydraulic | 1    |
| 13  | 82804               | (010001 – )              | Hose, Hydraulic | 1    |
| 14  | 82046               | (010001 – )              | Hose, Hydraulic | 1    |
| 15  | 82806               | (010001 – )              | Hose, Hydraulic | 1    |
| 16  | 82823               | (010001 – )              | Hose, Hydraulic | 1    |
| 17  | 82826               | (010001 – )              | Hose, Hydraulic | 1    |
| 18  | 02683               | (010001 – )              | Hose, Hydraulic | 1    |
| 19  | 02684               | (010001 – )              | Hose, Hydraulic | 1    |
| 20  | 82821               | (010001 – )              | Hose, Hydraulic | 1    |
| 21  | 02685               | (010001 – )              | Hose, Hydraulic | 1    |
| 22  | 57568               | (010001 – )              | Hose, Hydraulic | 1    |
| 23  | 82840               | (010001 – 010749)        | Hose, Hydraulic | 1    |
| 23  | 19636               | (010750 – )              | Hose, Hydraulic | 1    |
| 24  | 02676               | (010001 – )              | Hose, Hydraulic | 1    |
| 25  | 03001               | (010001 – )              | Hose, Hydraulic | 1    |
| 26  | 82830               | (010001 – )              | Sleeve, Nylon   | 1    |



**Fig. 23 – Hydraulic Pumps Group**

04542

| Key | TENNANT<br>Part No. | Machine<br>Serial Number | Description                                | Qty. |
|-----|---------------------|--------------------------|--------------------------------------------|------|
| 1   | 52929               | (010001– )               | Fitting, Straight                          | 1    |
| 2   | 82205               | (010001– )               | Pump, Hydraulic (See Hydraulic Components) | 1    |
| 3   | 55686               | (010001– )               | Fitting, Straight                          | 1    |
| 4   | 06750               | (010001– )               | Fitting, Straight                          | 1    |
| 5   | 57994               | (010001– )               | Fitting, Elbow                             | 2    |
| 6   | 65145–1             | (010001– )               | O–Ring                                     |      |
| 7   | 42260               | (010001– )               | Fitting, Straight                          | 2    |
| 8   | 02704               | (010001– )               | Pump, Hydraulic (See Hydraulic Components) | 1    |
| 9   | 44869               | (010001– )               | Fitting, Straight                          | 1    |
| 10  | 82767               | (010001– )               | Valve, Hydraulic                           | 1    |
| 11  | 58395               | (010001– )               | O–Ring                                     |      |
| 12  | 82764               | (010001– )               | Screw, Socket                              | 3    |
| 13  | 82842               | (010001– )               | Screw, Hex, Nylon                          | 2    |
| 14  | 76316               | (010001– )               | Fitting, Tee                               | 1    |
| 15  | 47752               | (010001– )               | Fitting, Straight                          | 1    |
| 16  | 58366               | (010001– )               | Clamp, Support                             | 1    |

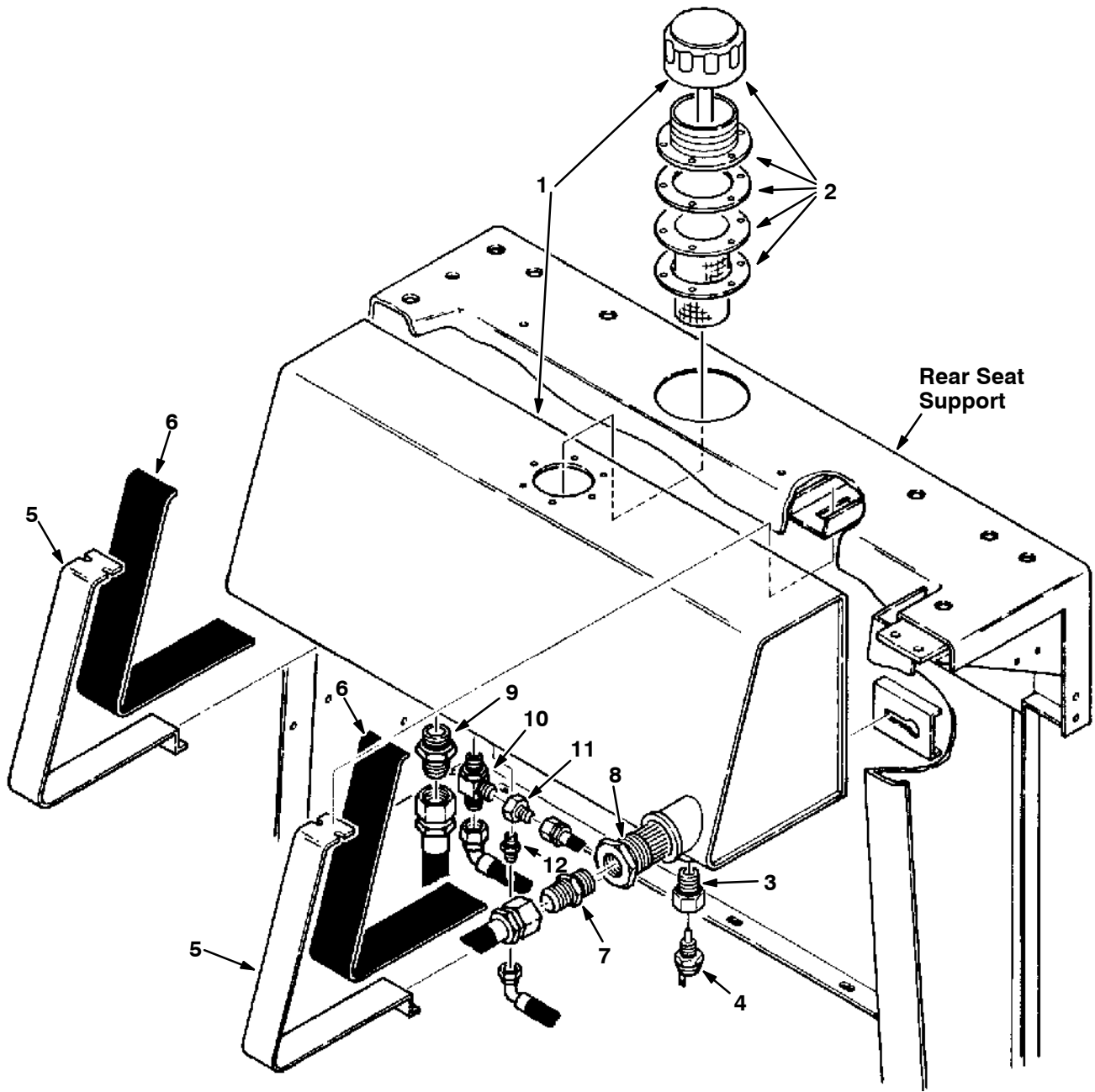


Fig. 24 – Hydraulic Reservoir Group

04524

| Key | TENNANT<br>Part No. | Machine<br>Serial Number | Description                   | Qty. |
|-----|---------------------|--------------------------|-------------------------------|------|
| 1   | 82838               | (010001– )               | Reservoir Assembly, Hydraulic | 1    |
| 2   | 82780               | (010001– )               | Breather, Filler              | 1    |
| 3   | 47636               | (010001– )               | Fitting, Straight             | 1    |
| 4   | 25314               | (010001– )               | Switch, Temperature           | 1    |
| 5   | 82779               | (010001– )               | Strap, Retaining              | 2    |
| 6   | 82837               | (010001– )               | Strap, Isolator               | 2    |
| 7   | 52929               | (010001– )               | Fitting, Straight             | 1    |
| 8   | 82784               | (010001– )               | Strainer, Suction             | 1    |
| 9   | 42260               | (010001– )               | Fitting, Straight             | 1    |
| 10  | 76316               | (010001– )               | Fitting, Straight             | 1    |
| 11  | 47752               | (010001– )               | Fitting, Straight             | 1    |
| 12  | 56690               | (010001– )               | Fitting, Straight             | 1    |

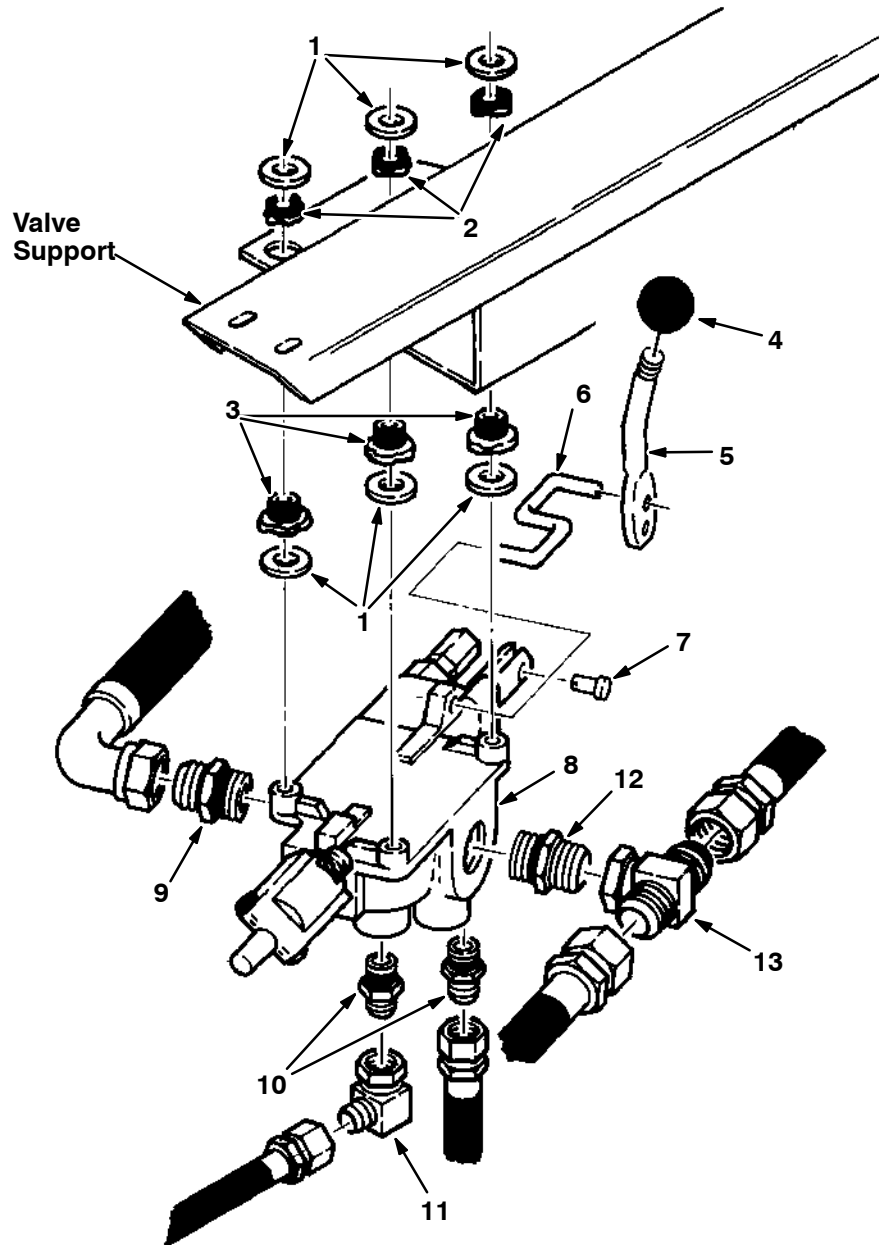


Fig. 25 -- Hydraulic Control Valve Group

04545

| Key | TENNANT<br>Part No. | Machine<br>Serial Number | Description                                 | Qty. |
|-----|---------------------|--------------------------|---------------------------------------------|------|
| 1   | 30013               | (010001— )               | Washer                                      | 6    |
| 2   | 62172               | (010001— )               | Ring                                        | 3    |
| 3   | 62173               | (010001— )               | Bushing, Isolator                           | 3    |
| 4   | 26156               | (010001— )               | Knob                                        | 1    |
| 5   | 02687               | (010001— )               | Handle, Valve Control                       | 1    |
| 6   | 82762               | (010001— )               | Link, S                                     | 1    |
| 7   | 14605               | (010001— )               | Pin, Clevis                                 | 1    |
| 8   | 62550               | (010001— )               | Valve, Hydraulic (See Hydraulic Components) | 1    |
| 9   | 57984               | (010001— )               | Fitting, Straight                           | 1    |
| 10  | 55686               | (010001— )               | Fitting, Straight                           | 2    |
| 11  | 39210               | (010001— )               | Fitting, Elbow                              | 1    |
| 12  | 47508               | (010001— )               | Fitting, Straight                           | 1    |
| 13  | 35586               | (010001— )               | Fitting, Tee                                | 1    |

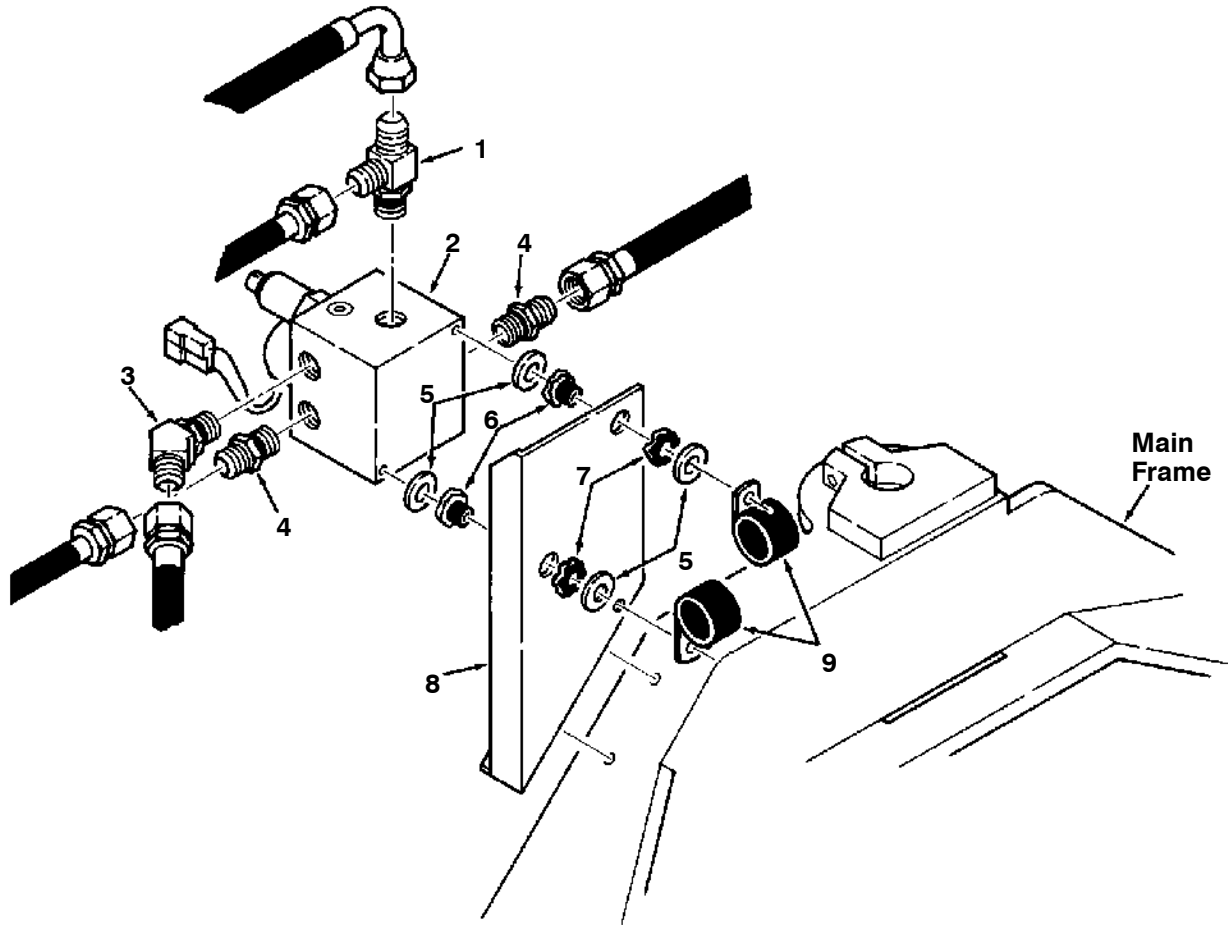


Fig. 26 – Hydraulic Solenoid Valve Group

04547

| Key | TENNANT<br>Part No. | Machine<br>Serial Number | Description                                     | Qty. |
|-----|---------------------|--------------------------|-------------------------------------------------|------|
| 1   | 40755               | (010001 – )              | Fitting, Tee                                    | 1    |
| 2   | 82754               | (010001 – )              | Valve, Hydraulic Solenoid (See Hyd. Components) | 1    |
| 3   | 42226               | (010001 – )              | Fitting, Elbow, 45°                             | 1    |
| 4   | 62390               | (010001 – )              | Fitting, Straight                               | 2    |
| 5   | 30013               | (010001 – )              | Washer                                          | 4    |
| 6   | 62173               | (010001 – )              | Bushing, Isolator                               | 2    |
| 7   | 62172               | (010001 – )              | Ring                                            | 2    |
| 8   | 82795               | (010001 – )              | Bracket, Solenoid Valve                         | 1    |
| 9   | 58366               | (010001 – )              | Clamp, Support                                  | 2    |



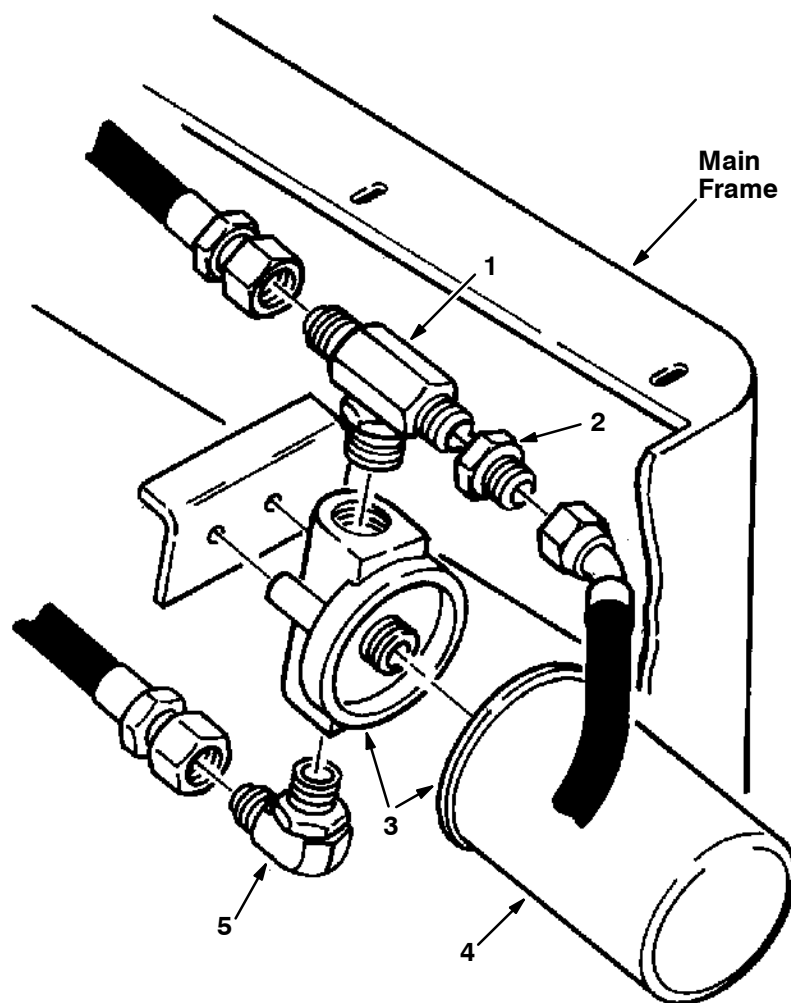


Fig. 27 – Hydraulic Filter Group

04548

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description       | Qty. |
|-----|----------------------|--------------------------|-------------------|------|
| 1   | 02686                | (010001 – )              | Fitting, Tee      | 1    |
| 2   | 78143                | (010001 – )              | Fitting, Straight | 1    |
| 3   | 55619                | (010001 – )              | Filter Assembly   | 1    |
| 4   | 55740                | (010001 – )              | Element, Filter   | 1    |
| 5   | 46481                | (010001 – )              | Fitting, Elbow    | 1    |

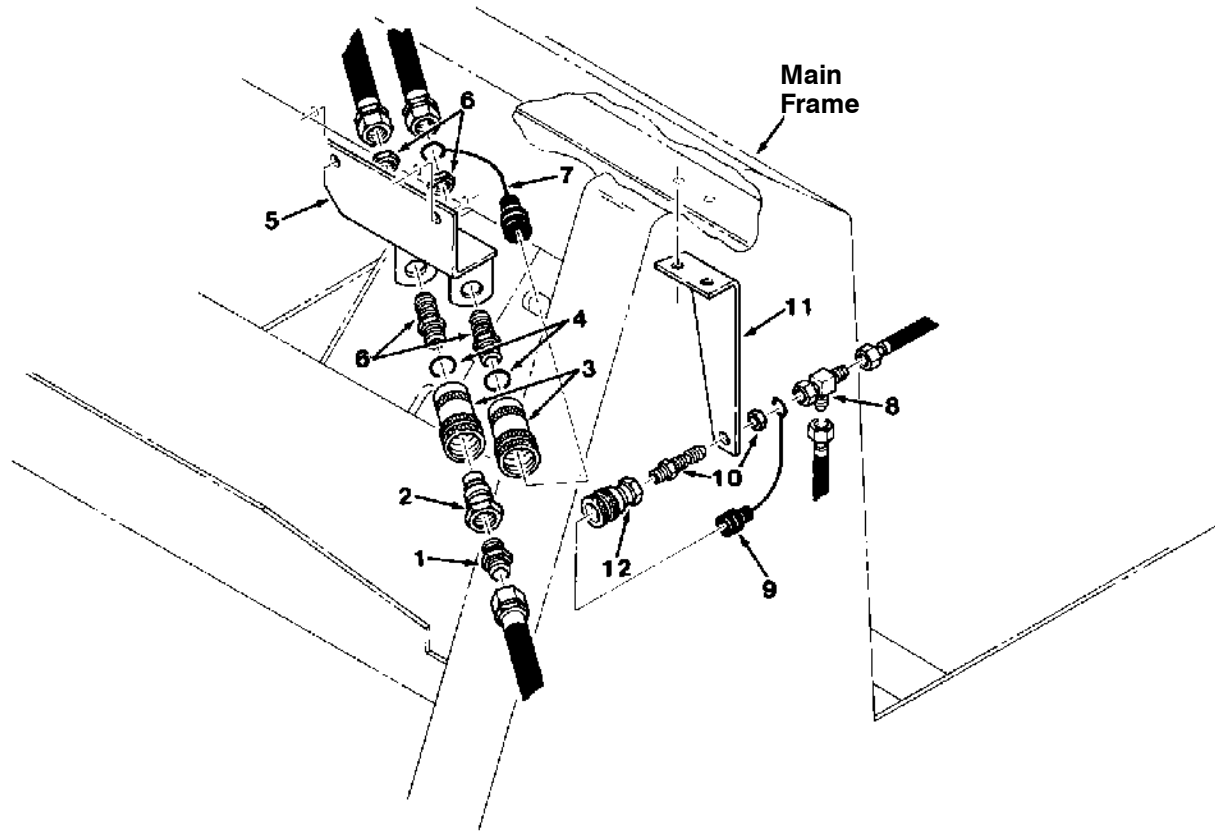


Fig. 28 – Hydraulic Couplings Group

04550

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description                    | Qty. |
|-----|----------------------|--------------------------|--------------------------------|------|
| 1   | 44869                | (010001 – )              | Fitting, Straight              | 1    |
| 2   | 65084-1              | (010001 – )              | Fitting, Coupling Half, Male   | 1    |
| 3   | 65084-2              | (010001 – )              | Fitting, Coupling Half, Female | 2    |
| 4   | 77006                | (010001 – )              | Seal, O-Ring                   | 2    |
| 5   | 03004                | (010001 – )              | Bracket, Scrubber              | 1    |
| 6   | 82918                | (010001 – )              | Fitting, Straight              | 2    |
| 7   | 82620                | (010001 – )              | Plug, Dust                     | 1    |
| 8   | 57988                | (010001 – )              | Fitting, Tee                   | 1    |
| 9   | 33797                | (010001 – )              | Plug, Dust                     | 1    |
| 10  | 82621                | (010001 – )              | Fitting, Straight              | 1    |
| 11  | 03006                | (010001 – )              | Bracket, Scrubber Case Drain   | 1    |
| 12  | 34414                | (010001 – )              | Fitting, Coupling Half, Female | 1    |

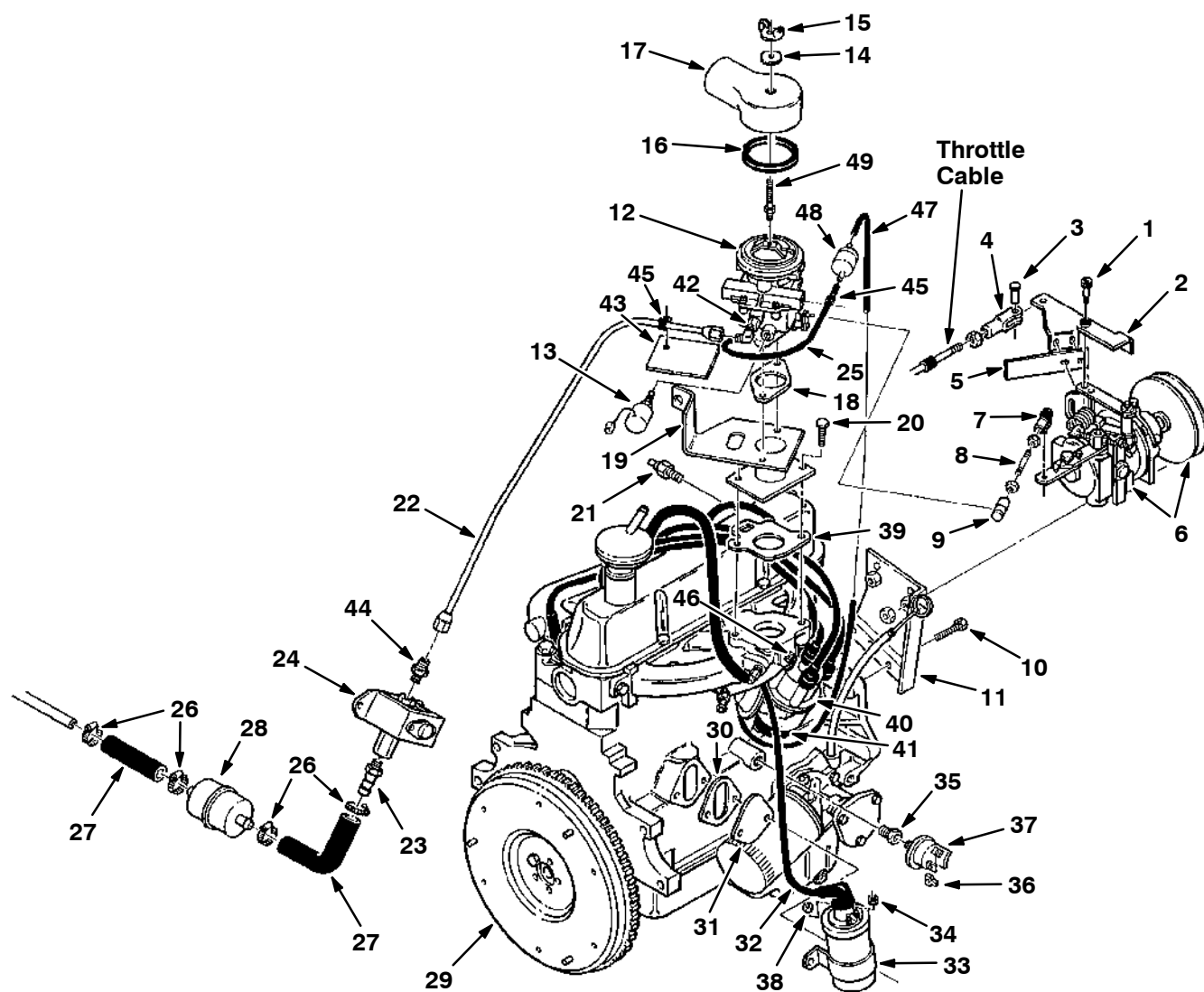
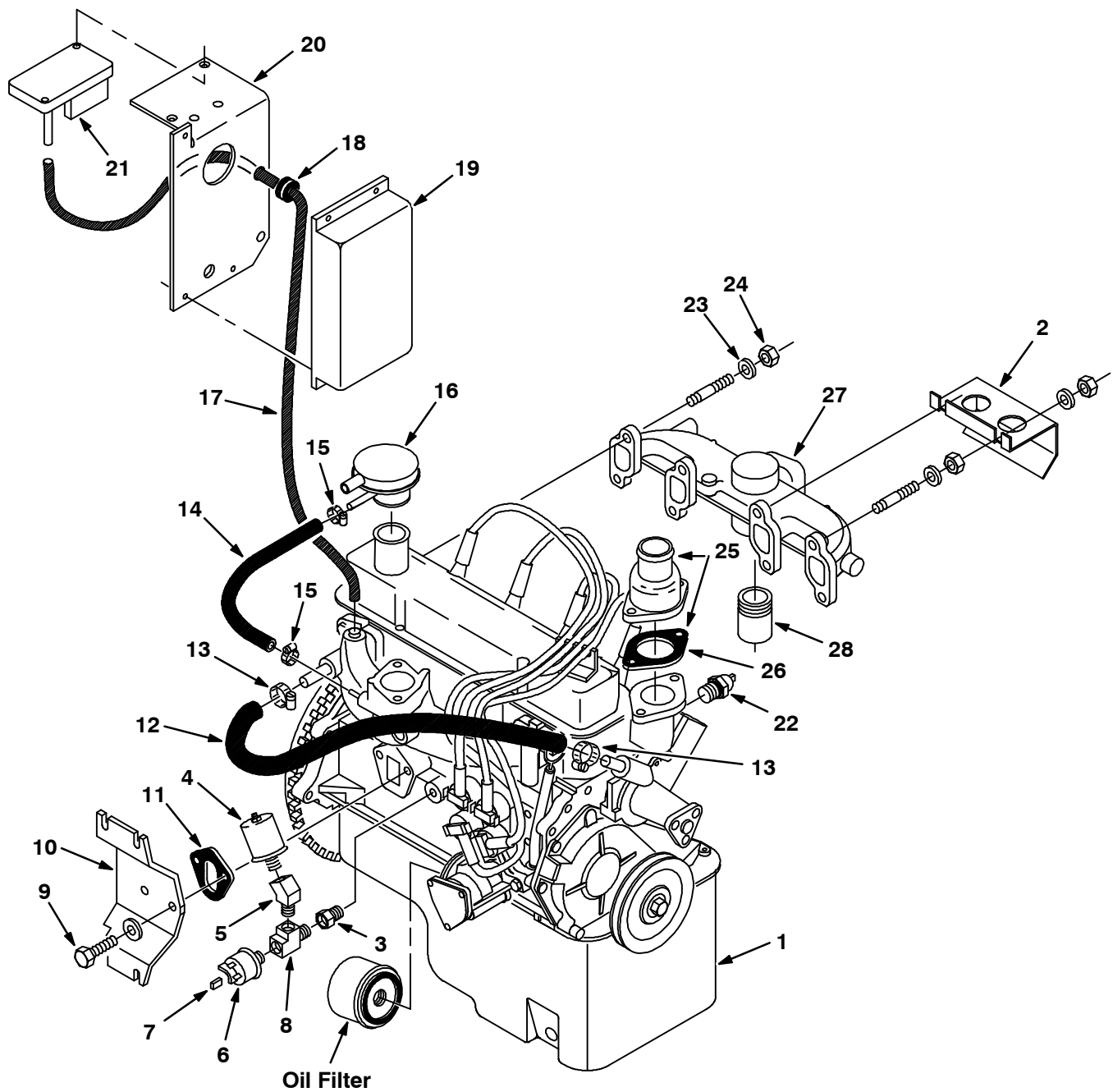


Fig. 29 – Engine Group

Fig. 29 -- Engine Group

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description               | Qty. |
|-----|----------------------|--------------------------|---------------------------|------|
| 1   | 40823                | (010001-010749)          | Screw, Shoulder           | 1    |
| 2   | 03189                | (010001-010749)          | Arm, Governor             | 1    |
| 3   | 14605                | (010001-010749)          | Pin, Clevis               | 1    |
| 4   | 14595-1              | (010001-010749)          | Clevis, Adjustable        | 1    |
| 5   | 57392                | (010001-010749)          | Spring, Flat              | 1    |
| 6   | 03152                | (010001-010749)          | Governor, Mechanical      | 1    |
| 7   | 14601                | (010001-010749)          | Ball Joint                | 1    |
| 8   | 07586                | (010001-010749)          | Stud                      | 1    |
| 9   | 50332-1              | (010001-010749)          | Ball Joint                | 1    |
| 10  | 39284                | (010001-010749)          | Screw, Hex, M10           | 2    |
| 11  | 07009                | (010001-010749)          | Bracket, Governor         | 1    |
| 12  | 07341                | (010001-010749)          | Carburetor                | 1    |
|     | 02738                | (010001-010749)          | Repair Kit, Carburetor    | 1    |
| 13  | 07700                | (010001-010749)          | Anti-Dieseling Valve      | 1    |
| 14  | 07251                | (010001-010749)          | Washer, Sealing           | 1    |
| 15  | 07252                | (010001-010749)          | Nut, Air Horn Wing        | 1    |
| 16  | 16738                | (010001-010749)          | Gasket, Air Horn          | 1    |
| 17  | 57934                | (010001-010749)          | Adaptor, Carburetor       | 1    |
| 18  | 54912-8              | (010001-010749)          | Gasket, Carburetor        | 1    |
| 19  | 07212                | (010001-010749)          | Facet, Carburetor Mount   | 1    |
| 20  | 16931                | (010001-010749)          | Screw, Hex, M 8           | 1    |
| 21  | 58592                | (010001-010749)          | Sender, Water Temperature | 1    |
| 22  | 57774                | (010001-010749)          | Line Assembly, Fuel       | 1    |
| 23  | 82544                | (010001-010749)          | Fitting, Straight         | 1    |
| 24  | 54230                | (010001-010749)          | Pump, Fuel                | 1    |
| 25  | 09893                | (010001-010749)          | Hose                      | 1    |
| 26  | 43844                | (010001-010749)          | Clamp, Worm Drive         | 4    |
| 27  | 82526                | (010001-010749)          | Hose, Fuel Line           | 2    |
| 28  | 82525                | (010001-010749)          | Filter, Fuel              | 1    |
| 29  | 07491                | (010001-010749)          | Engine                    | 1    |
| 30  | 02887                | (010001-010749)          | Gasket, Fuel Pump         | 1    |
| 31  | 54911-28             | (010001-010749)          | Cover, Fuel Pump          | 1    |
| 32  | 54911-31             | (010001-010749)          | Wire, High Tension        | 1    |
| 33  | 03194                | (010001-010749)          | Coil Assembly             | 1    |
| 34  | 41359                | (010001-010749)          | Nut, Hex, M 6             | 1    |
| 35  | 17414                | (010001-010749)          | Fitting, Straight         | 1    |
| 36  | 68106                | (010001-010749)          | Tab, Terminal             | 3    |
| 37  | 51805                | (010001-010749)          | Switch, Oil Pressure      | 1    |
| 38  | 50335                | (010001-010749)          | Nut, Hex, M5              | 1    |
| 39  | 07105                | (010001-010749)          | Gasket, Carburetor        | 1    |
| 40  | 07328                | (010001-010749)          | Filter, Distributor Cap   | 1    |
| 41  | 07329                | (010001-010749)          | Filter, Distributor       | 1    |
| 42  | 06507                | (010001-010749)          | Fitting, Elbow            | 1    |
| 43  | 82534                | (010001-010749)          | Shield, Drip              | 1    |
| 44  | 22383                | (010001-010749)          | Fitting, Straight         | 1    |
| 45  | 46236                | (010001-010749)          | Clamp, Cable              | 2    |
| 46  | 02247                | (010001-010749)          | Plug                      | 1    |
| 47  | 07464                | (010001-010749)          | Hose, Vacuum              | 1    |
| 48  | 07492                | (010001-010749)          | Check Valve               | 1    |
| 49  | 07250                | (010001-010749)          | Stud, Air Horn            | 1    |



**Fig. 30 – Engine Group, Distributorless (DIS)**

Fig. 30 – Engine Group, Distributorless (DIS)

| Key | TENNANT<br>Part No. | Machine<br>Serial Number | Description               | Qty. |
|-----|---------------------|--------------------------|---------------------------|------|
| 1   | 30296               | (010750– )               | Engine Assembly           | 1    |
| 2   | 30468               | (010802– )               | Shield, Exhaust Manifold  | 1    |
| 3   | 17414               | (010750– )               | Fitting, Straight         | 1    |
| 4   | 30316               | (010750– )               | Manifold, Exhaust         | 1    |
| 5   | 24013               | (010750– )               | Fitting, Nipple           | 1    |
| 6   | 51805               | (010750– )               | Switch, Oil Pressure      | 1    |
| 7   | 68106               | (010750– )               | Terminal Tab              | 3    |
| 8   | 58592               | (010750– )               | Temperature Sender, Water | 1    |
| 9   | 16735               | (010750– )               | Screw, Hex, M8            | 2    |
| 10  | 31516               | (010750– )               | Bracket, Actuator         | 1    |
| 11  | 02887               | (010750– )               | Gasket, Fuel Pump         | 1    |
| 12  | 31543               | (010750– )               | Hose, Heater              | 1    |
| 13  | 63810               | (010750– )               | Clamp, Worm Drive         | 2    |
| 14  | 76589–2             | (010750– )               | Hose                      | 1    |
| 15  | 54333               | (010750– )               | Clamp, Worm drive         | 2    |
| 16  | 30306               | (010750– )               | Oil Filler Cap Assembly   | 1    |
| 17  | 34072               | (010750– )               | Hose, Vacuum              | 1    |
| 18  | 10632–11            | (010750– )               | Grommet                   | 1    |
| 19  | 30377               | (010750– )               | Control Box               | 1    |
| 20  | 30393               | (010750– )               | Bracket, Governor Control | 1    |
| 21  | 30305               | (010750– )               | Ignition Control Assembly | 1    |
| 22  | 39349               | (010750– )               | Washer                    | 8    |
| 23  | 08165               | (010750– )               | Nut Hex, M8               | 8    |
| 24  | 19689               | (010750– )               | Housing, Thermostat       | 1    |
| 25  | 54911–25            | (010750– )               | Gasket, Thermostat        | 1    |

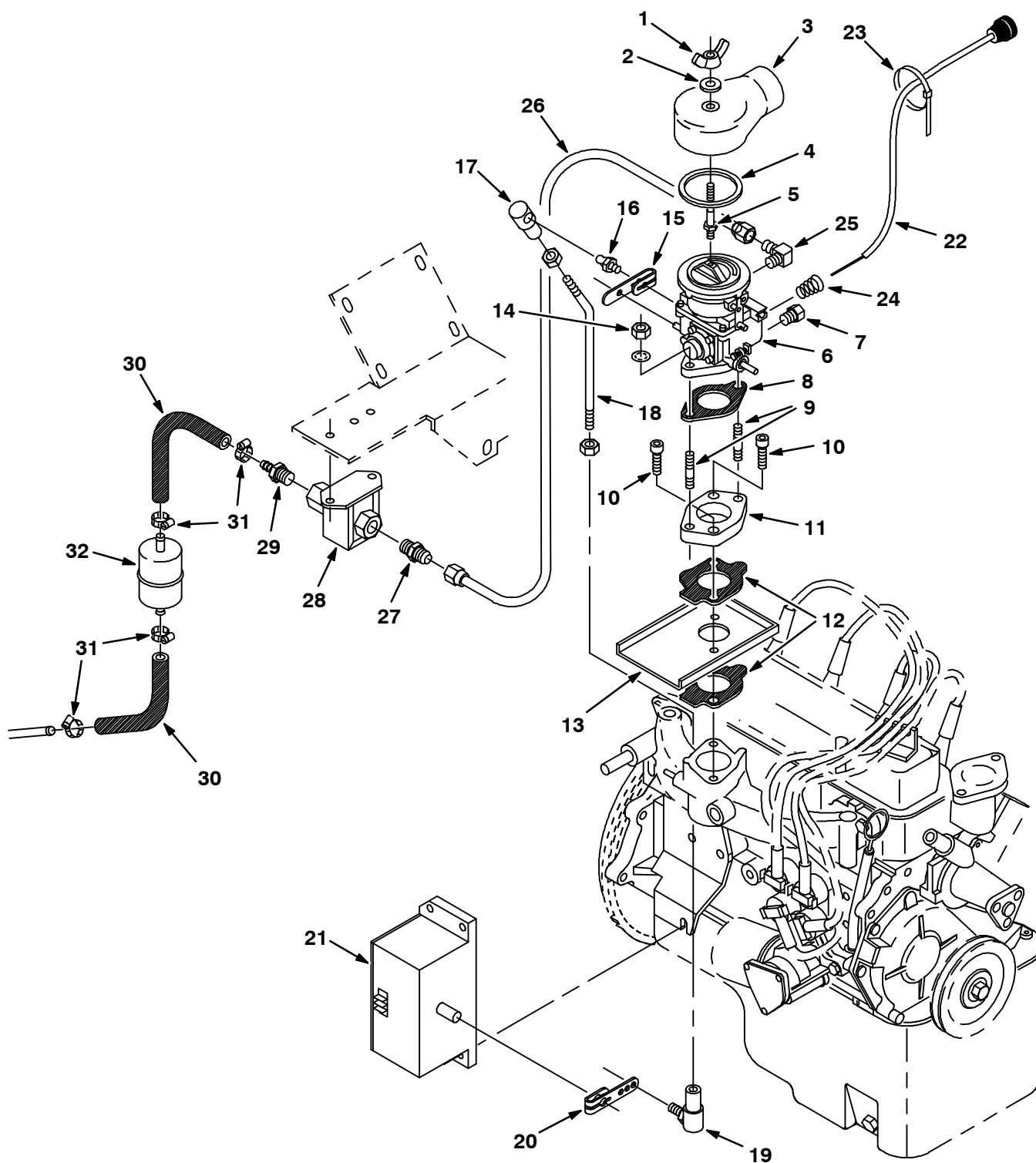


Fig. 31 – Carburetor Group, Distributorless (DIS)

Fig. 31 -- Carburetor Group, Distributorless (DIS)

| Key | TENNANT<br>Part No. | Machine<br>Serial Number | Description                 | Qty. |
|-----|---------------------|--------------------------|-----------------------------|------|
| 1   | 07252               | (010750— )               | Wingnut, Air Horn           | 1    |
| 2   | 07251               | (010750— )               | Washer, Rubber              | 1    |
| 3   | 57934               | (010750— )               | Adaptor, Carburetor         | 1    |
| 4   | 16738               | (010750— )               | Gasket, Carburetor Air Horn | 1    |
| 5   | 07250               | (010750— )               | Stud, Air Horn              | 1    |
| 6   | 30321               | (010750— )               | Carburetor, Facet           | 1    |
|     | 02738               | (010750— )               | Repair Kit, Carburetor      | 1    |
| 7   | 30325               | (010750— )               | Plug, Carburetor            | 1    |
| 8   | 31542               | (010750— )               | Gasket, Carburetor          | 1    |
| 9   | 30324               | (010750— )               | Stud, M8                    | 2    |
| 10  | 06532               | (010750— )               | Screw, Socket, M6           | 2    |
| 11  | 31728               | (010750— )               | Plate, Mounting             | 1    |
| 12  | 30312               | (010750— )               | Gasket, Carburetor          | 2    |
| 13  | 31550               | (010750— )               | Shield, Drip                | 1    |
| 14  | 39311               | (010750— )               | Nut, Hex, M8                | 2    |
| 15  | 30451               | (010750— )               | Lever, Carburetor           | 1    |
| 16  | 50332—2             | (010750— )               | Ball Joint, Stud            | 1    |
| 17  | 50332               | (010750— )               | Ball Joint                  | 1    |
| 18  | 30320               | (010750— )               | Rod, Control, Throttle      | 1    |
| 19  | 14601               | (010750— )               | Ball Joint                  | 1    |
| 20  | 30318               | (010750— )               | Lever, Governor             | 1    |
| 21  | 07539               | (010750— )               | Actuator, Governor          | 1    |
| 22  | 30274               | (010750— )               | Cable, Choke                | 1    |
| 23  | 49266               | (010750— )               | Tie, Cable                  | 1    |
| 24  | 58846               | (010750— )               | Spring, Compression         | 1    |
| 25  | 06507               | (010750— )               | Fitting, Elbow              | 1    |
| 26  | 57774               | (010750— )               | Fuel Line Assembly          | 1    |
| 27  | 22383               | (010750— )               | Fitting, Straight           | 1    |
| 28  | 19171               | (010750— )               | Pump, Fuel                  | 1    |
| 29  | 82544               | (010750— )               | Fitting, Straight           | 1    |
| 30  | 82526               | (010750— )               | Hose, Fuel Line             | 2    |
| 31  | 43844               | (010750— )               | Clamp, Worm Drive           | 4    |
| 32  | 82525               | (010750— )               | Filter, Fuel                | 1    |



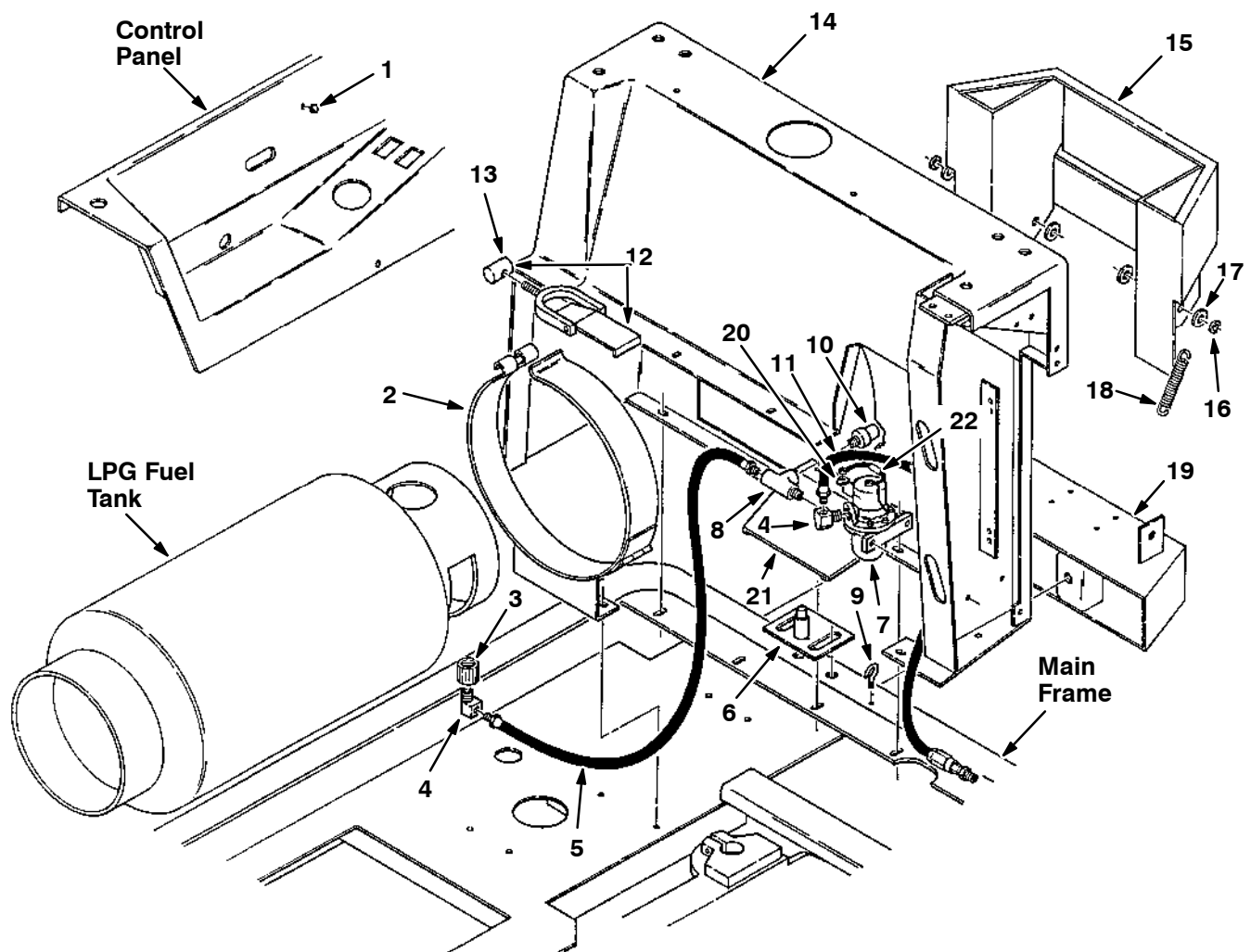


Fig. 32 – Fuel Tank Bumper Group, LPG

Fig. 32 – Fuel Tank Bumper Group, LPG

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description                  | Qty. |
|-----|----------------------|--------------------------|------------------------------|------|
| 1   | 47178-11             | (010001-010749)          | Plugbutton                   | 1    |
| 2   | 55653                | (010001-010749)          | Bracket, Tank Mounting, LPG  | 1    |
| 3   | 26496                | (010001-010749)          | Coupling, LPG                | 1    |
| 4   | 27048                | (010001-010749)          | Fitting, Elbow               | 2    |
| 5   | 22308-3              | (010001-010749)          | Hose, LPG                    | 1    |
| 6   | 55556                | (010001-010749)          | Bracket, Stud Adjusting      | 1    |
| 7   | 33555                | (010001-010749)          | Fuel Filter Lock             | 1    |
|     | SK1444               | (010001-010749)          | Repair Kit, Fuel Filter Lock | 1    |
| 8   | 56976A               | (010001-010749)          | Fitting, Tee                 | 1    |
| 9   | 11893                | (010001-010749)          | Bolt, Eye                    | 1    |
| 10  | 24047                | (010001-010749)          | Valve, Pressure Relief       | 1    |
| 11  | 07302                | (010001-010749)          | Hose, LPG                    | 1    |
| 12  | 53400-1              | (010001-010749)          | Latch                        | 1    |
| 13  | 53400-4              | (010001-010749)          | Lug                          | 1    |
| 14  | 82340                | (010001-010749)          | Support, Seat Rear, LPG      | 1    |
| 15  | 55633                | (010001-010749)          | Bumper, LPG                  | 1    |
| 16  | 46231                | (010001-010749)          | Sleeve                       | 2    |
| 17  | 20536-1              | (010001-010749)          | Washer, Nylon                | 4    |
| 18  | 29499                | (010001-010749)          | Spring, Tension              | 1    |
| 19  | 82180                | (010001-010749)          | Bumper, LPG                  | 1    |
| 20  | 68106                | (010001-010749)          | Tab, Terminal                | 1    |
| 21  | 02696                | (010001-010749)          | Shield, Fuel Line, LPG       | 1    |
| 22  | 10874                | (010001-010749)          | Suppression Diode Assembly   | 1    |

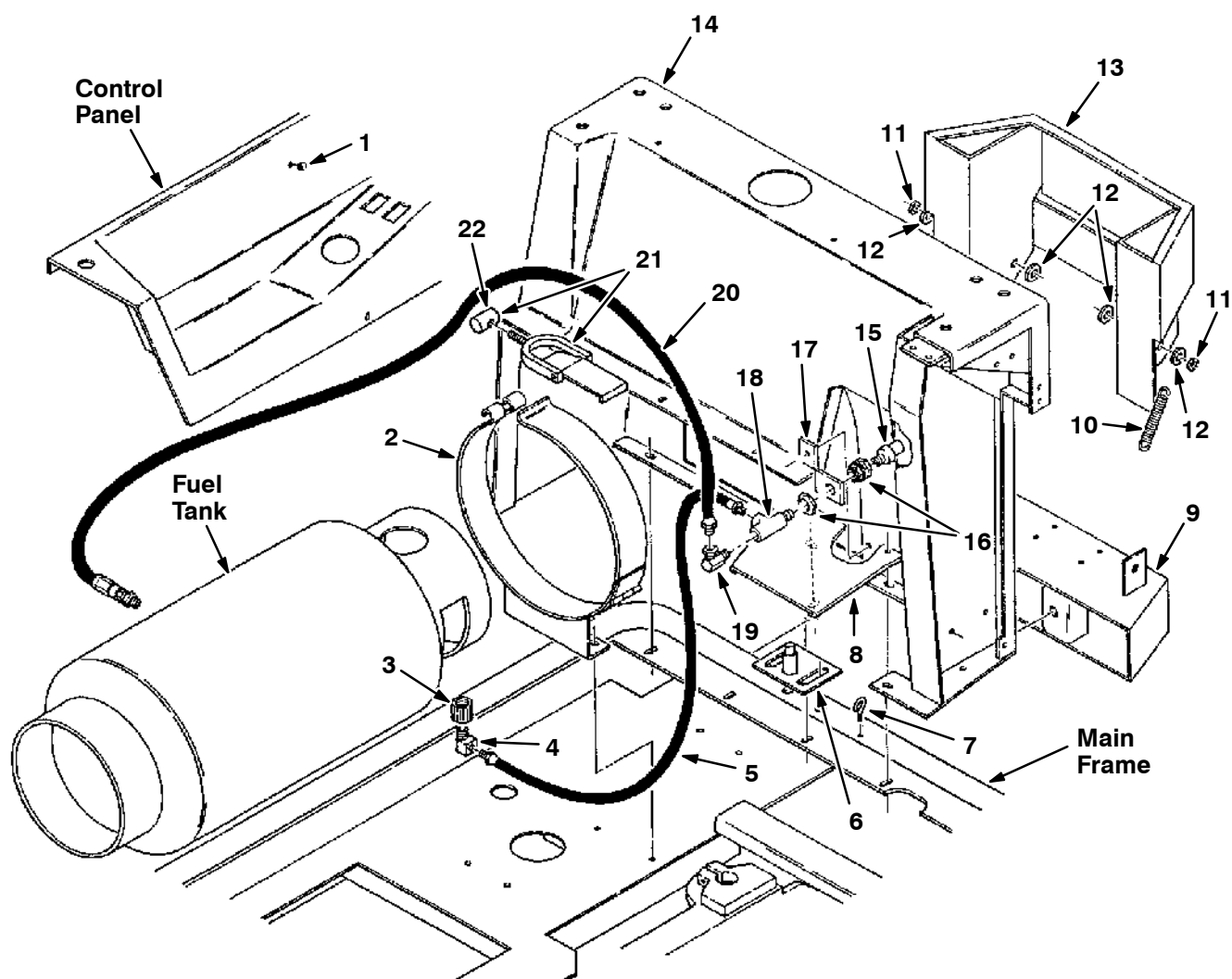
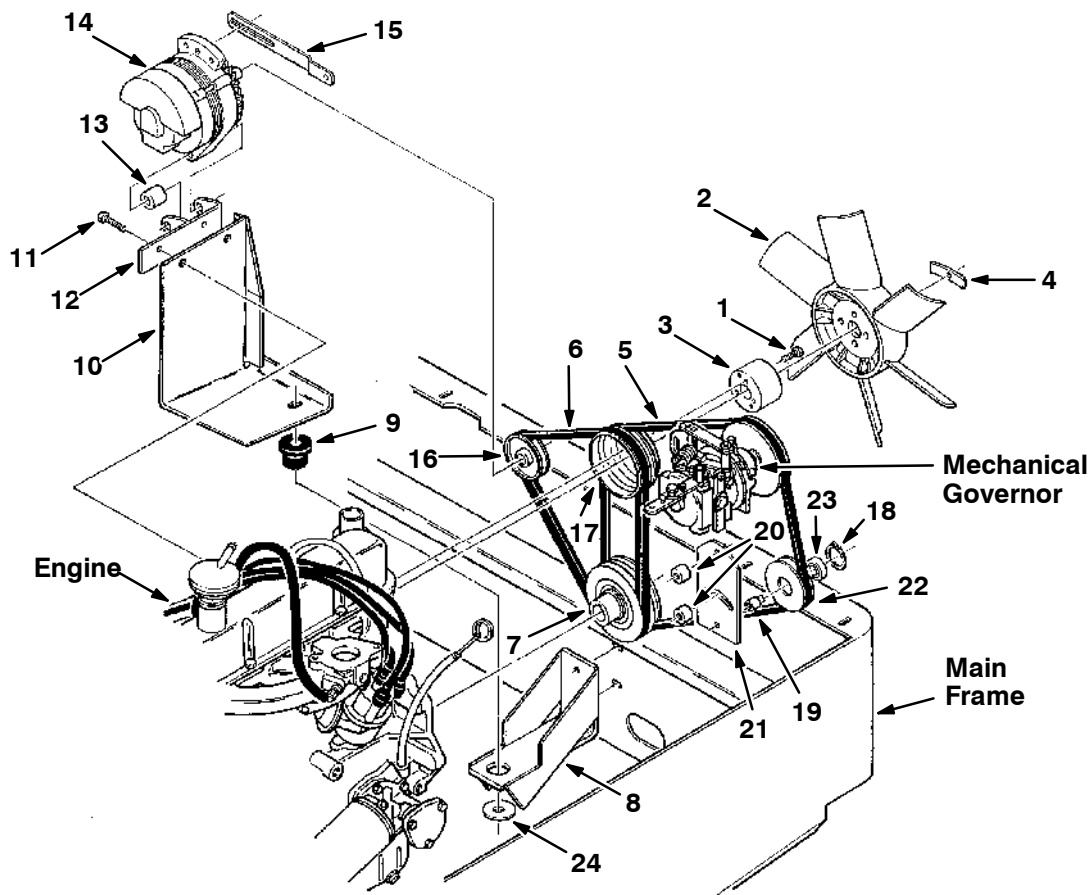


Fig. 33 – Fuel Tank Bumper Group, Distributorless (DIS) LPG

Fig. 33 – Fuel Tank Bumper Group, Distributorless (DIS) LPG

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description             | Qty. |
|-----|----------------------|--------------------------|-------------------------|------|
| 1   | 47178-11             | (010750- )               | Plugbutton              | 1    |
| 2   | 55653                | (010750- )               | Bracket, Mounting       | 1    |
| 3   | 26496                | (010750- )               | Coupling, LPG           | 1    |
| 4   | 27048                | (010750- )               | Fitting, Elbow          | 1    |
| 5   | 22308-3              | (010750- )               | Hose, LPG               | 1    |
| 6   | 55556                | (010750- )               | Bracket, Stud Adjusting | 1    |
| 7   | 11893                | (010750- )               | Bolt, Eye               | 1    |
| 8   | 02696                | (010750- )               | Shield, Fuel Line, LPG  | 1    |
| 9   | 82180                | (010750- )               | Bumper Weldmt, Lp, 27   | 1    |
| 10  | 29499                | (010750- )               | Spring, Tension         | 1    |
| 11  | 46231                | (010750- )               | Sleeve                  | 2    |
| 12  | 20536-1              | (010750- )               | Washer, Nylon           | 4    |
| 13  | 55633                | (010750- )               | Bumper, LPG             | 1    |
| 14  | 30375                | (010750- )               | Support, Rear Seat, LPG | 1    |
| 15  | 24047                | (010750- )               | Valve, Pressure Relief  | 1    |
| 16  | 78122                | (010750- )               | Fitting, Bulkhead       | 1    |
| 17  | 30361                | (010750- )               | Bracket                 | 1    |
| 18  | 56976A               | (010750- )               | Fitting, Tee            | 1    |
| 19  | 11442-1              | (010750- )               | Fitting, Elbow          | 1    |
| 20  | 19760                | (010750- )               | Hose, LPG               | 1    |
| 21  | 53400-1              | (010750- )               | Latch                   | 1    |
| 22  | 53400-4              | (010750- )               | Lug                     | 1    |



**Fig. 34 – Sheaves and Belts Group**

04721

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description         | Qty. |
|-----|----------------------|--------------------------|---------------------|------|
| 1   | 07255                | (010001–010749)          | Screw, Socket, M6   | 3    |
| 2   | 82537                | (010001–010749)          | Fan                 | 1    |
| 3   | 07253                | (010001–010749)          | Spacer, Fan         | 1    |
| 4   | 07254                | (010001–010749)          | Strap, Support      | 1    |
| 5   | 17759                | (010001–010749)          | V–Belt              | 1    |
| 6   | 07189                | (010001–010749)          | V–Belt              | 1    |
| 7   | 03157                | (010001–010749)          | Pulley, Crankshaft  | 1    |
| 8   | 07536                | (010001–010749)          | Mount, Motor        | 1    |
| 9   | 51176                | (010001–010749)          | Dampner, Engine     | 1    |
| 10  | 03183                | (010001–010749)          | Mount, Front Engine | 1    |
| 11  | 39284                | (010001–010749)          | Screw, Hex, M10     | 2    |
| 12  | 07128                | (010001–010749)          | Bracket, Alternator | 1    |
| 13  | 54959                | (010001–010749)          | Spacer              | 1    |
| 14  | 03233                | (010001–010749)          | Alternator          | 1    |
| 15  | 07113                | (010001–010749)          | Arm, Alternator     | 1    |
| 16  | 54914                | (010001–010749)          | Sheave              | 1    |
| 17  | 03158                | (010001–010749)          | Pulley, Water Pump  | 1    |
| 18  | 04078                | (010001–010749)          | Ring, Retaining     | 1    |
| 19  | 07282                | (010001–010749)          | Spacer, Bearing     | 1    |
| 20  | 07274                | (010001–010749)          | Spacer, Idler Mount | 2    |
| 21  | 07280                | (010001–010749)          | Arm, Idler          | 1    |
| 22  | 58555                | (010001–010749)          | Sheave, Idler       | 1    |
| 23  | 57746                | (010001–010749)          | Bearing, Ball       | 1    |
| 24  | 32492                | (010001–010749)          | Washer              | 1    |

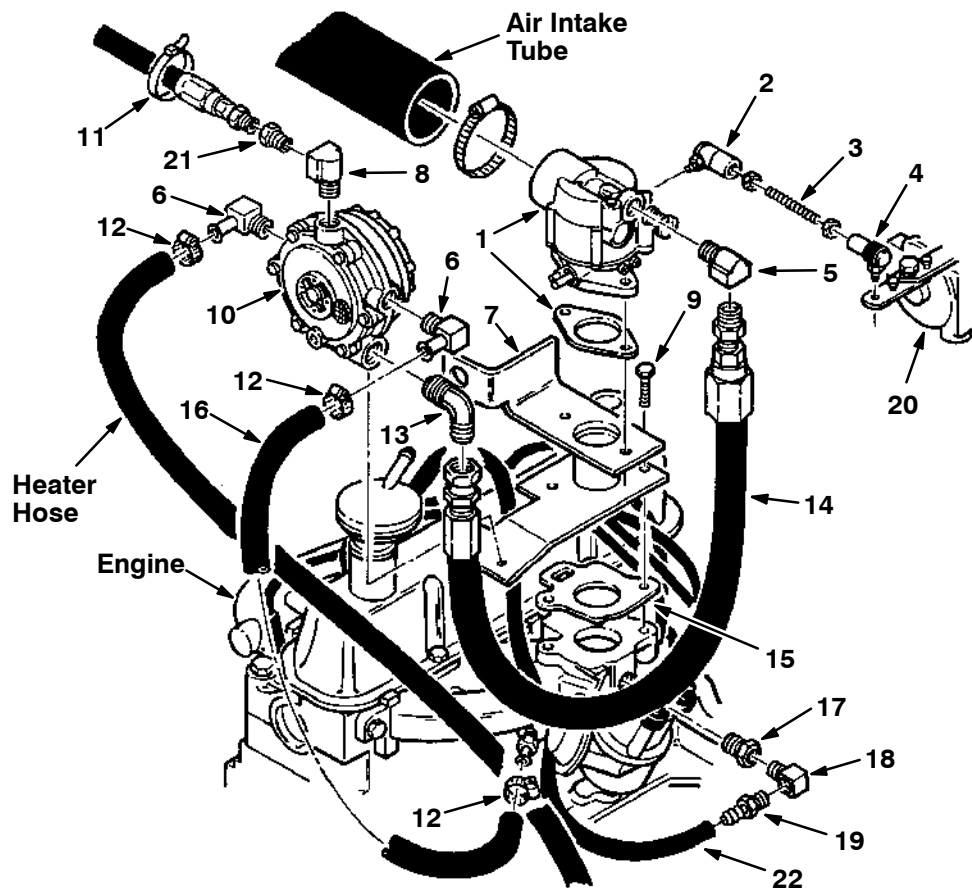


Fig. 35 – Carburetor Group, LPG

04720

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description                 | Qty. |
|-----|----------------------|--------------------------|-----------------------------|------|
| 1   | 07104                | (010001–010749)          | Carburetor, LPG             | 1    |
|     | 55975                | (010001–010749)          | Repair Kit, Carburetor, LPG | 1    |
| 2   | 50332                | (010001–010749)          | Ball Joint                  | 1    |
| 3   | 04140                | (010001–010749)          | Stud                        | 1    |
| 4   | 14601                | (010001–010749)          | Ball Joint                  | 1    |
| 5   | 07602                | (010001–010749)          | Fitting, Elbow              | 1    |
| 6   | 51839                | (010001–010749)          | Fitting, Elbow              | 2    |
| 7   | 03227                | (010001–010749)          | Mount, LPG Carburetor       | 1    |
| 8   | 27048                | (010001–010749)          | Fitting, Elbow              | 1    |
| 9   | 16931                | (010001–010749)          | Screw, Hex, M8              | 2    |
| 10  | 54930                | (010001–010749)          | Vaporizer, LPG              | 1    |
|     | 55998                | (010001–010749)          | Repair Kit, Vaporizer       | 1    |
| 11  | 49263                | (010001–010749)          | Tie, Cable                  | 3    |
| 12  | 63810                | (010001–010749)          | Clamp, Worm Drive           | 4    |
| 13  | 07598                | (010001–010749)          | Fitting, Elbow              | 1    |
| 14  | 07597                | (010001–010749)          | Hose, LPG                   | 1    |
| 15  | 07105                | (010001–010749)          | Gasket, Manifold            | 1    |
| 16  | 07103                | (010001–010749)          | Hose, Heater                | 1    |
| 17  | 17414                | (010001–010749)          | Fitting, Straight           | 1    |
| 18  | 11984                | (010001–010749)          | Fitting, Elbow              | 1    |
| 19  | 40607                | (010001–010749)          | Fitting, Straight           | 1    |
| 20  | 03152                | (010001–010749)          | Governor, Mechanical, LPG   | 1    |
| 21  | 16564                | (010001–010749)          | Adapter1                    | 1    |
| 22  | 09893                | (010001–010749)          | Hose, Vacuum                | 1    |

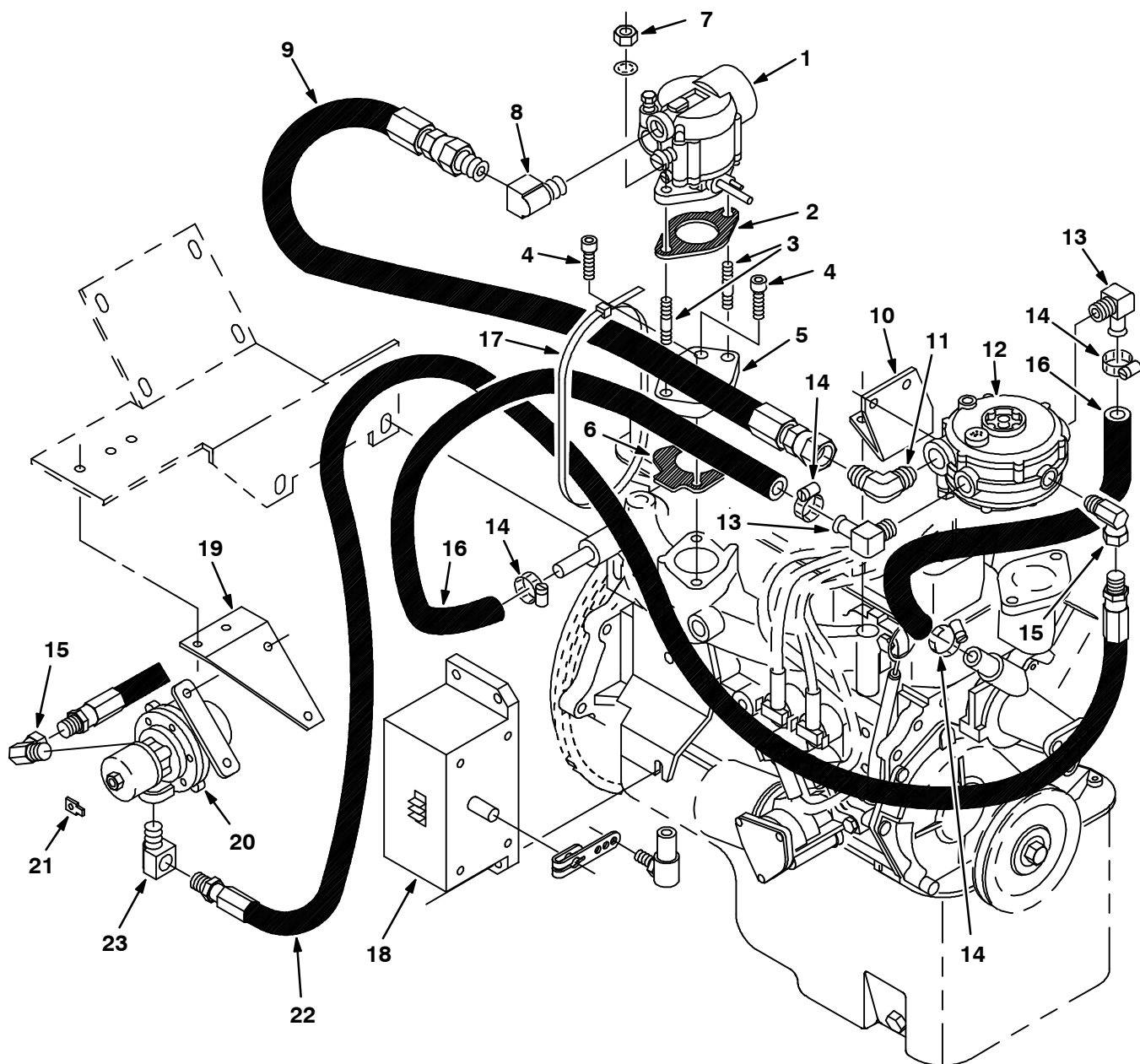


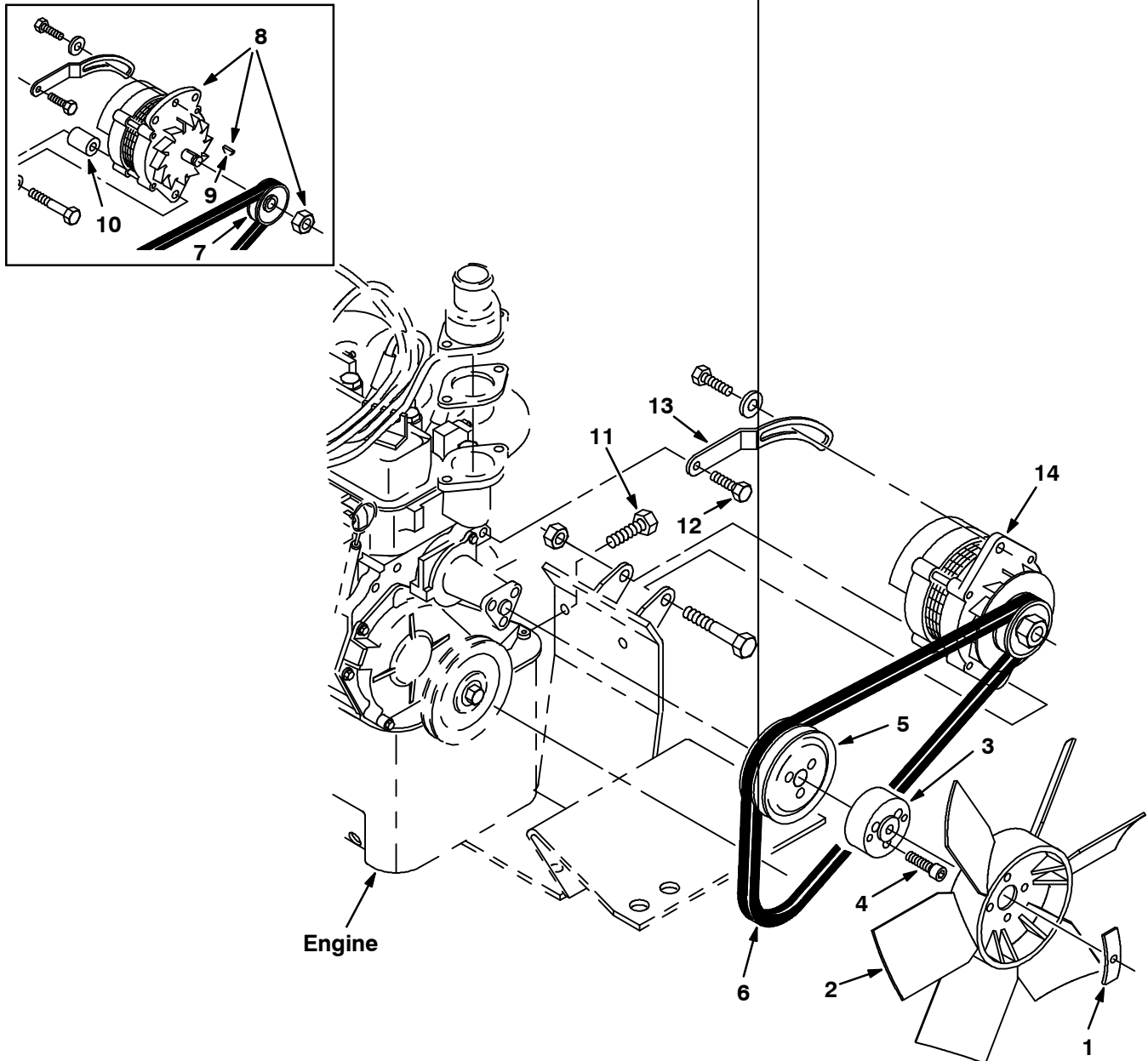
Fig. 36 – Carburetor Group, Distributorless (DIS) LPG

Fig. 36 – Carburetor Group, Distributorless (DIS) LPG

| Key | TENNANT<br>Part No. | Machine<br>Serial Number | Description                  | Qty. |
|-----|---------------------|--------------------------|------------------------------|------|
| 1   | 30322               | (010750– )               | Carburetor, LPG              | 1    |
|     | 55975               | (010750– )               | Repair Kit, Carburetor       | 1    |
| 2   | 31542               | (010750– )               | Gasket, Carburetor           | 1    |
| 3   | 30324               | (010750– )               | Stud, M8                     | 2    |
| 4   | 06532               | (010750– )               | Screw, Socket, M6            | 2    |
| 5   | 31728               | (010750– )               | Plate, Carburetor Mounting   | 1    |
| 6   | 30312               | (010750– )               | Gasket, Carburetor           | 1    |
| 7   | 39311               | (010750– )               | Nut, Hex, M8                 | 2    |
| 8   | 07602               | (010750– )               | Fitting, Elbow               | 1    |
| 9   | 07597               | (010750– )               | Hose, LPG                    | 1    |
| 10  | 30326               | (010750– )               | Bracket, Vaporizer           | 1    |
| 11  | 07598               | (010750– )               | Fitting, Elbow               | 1    |
| 12  | 54930               | (010750– )               | Vaporizer, LPG               | 1    |
|     | 55998               | (010750– )               | Repair Kit, Vaporizer        | 1    |
| 13  | 51839               | (010750– )               | Fitting, Elbow               | 2    |
| 14  | 63810               | (010750– )               | Clamp, Worm Drive            | 4    |
| 15  | 11442–1             | (010750– )               | Fitting, Elbow               | 1    |
| 16  | 31543               | (010750– )               | Hose, Heater                 | 1    |
| 17  | 49263               | (010750– )               | Tie, Cable                   | 2    |
| 18  | 07539               | (010750– )               | Actuator, Governor           | 1    |
| 19  | 30387               | (010750– )               | Bracket, Lp Valve            | 1    |
| 20  | 33555               | (010750– )               | Fuel Filter Lock             | 1    |
|     | SK1444              | (010750– )               | Repair Kit, Fuel Filter Lock | 1    |
| 21  | 68106               | (010750– )               | Tab, Terminal                | 1    |
| 22  | 22308               | (010750– )               | Hose, LPG                    | 1    |
| 23  | 27048               | (010750– )               | Fitting, Elbow               | 1    |



## LOW DUMP MODEL PARTS



06027

Fig. 37 – Engine Fan and Alternator Group, Distributorless (DIS)

| Key | TENNANT<br>Part No. | Machine<br>Serial Number | Description        | Qty. |
|-----|---------------------|--------------------------|--------------------|------|
| 1   | 07254               | (010750– )               | Strap, Fan Support | 1    |
| 2   | 82537               | (010750– )               | Fan, Pusher        | 1    |
| 3   | 31534               | (010750– )               | Spacer, Fan        | 1    |
| 4   | 06532               | (010750– )               | Screw, Socket, M6  | 3    |
| 5   | 03158               | (010750– )               | Pulley, Water Pump | 1    |
| 6   | 07189               | (010750– )               | V–Belt             | 1    |
| 7   | 54914               | (010750–010801)          | Sheave             | 1    |
| 8   | 03233               | (010750–010801)          | Alternator         | 1    |
| 9   | 00500–5             | (010750–010801)          | Key, Woodruff      | 1    |
| 10  | 54959               | (010750–010801)          | Spacer             | 1    |
| 11  | 39283               | (010750– )               | Screw, Hex, M10    | 2    |
| 12  | 16931               | (010750– )               | Screw, Hex, M8     | 1    |
| 13  | 31526               | (010750– )               | Arm, Alternator    | 1    |
| 14  | 30458               | (010802– )               | Alternator         | 1    |

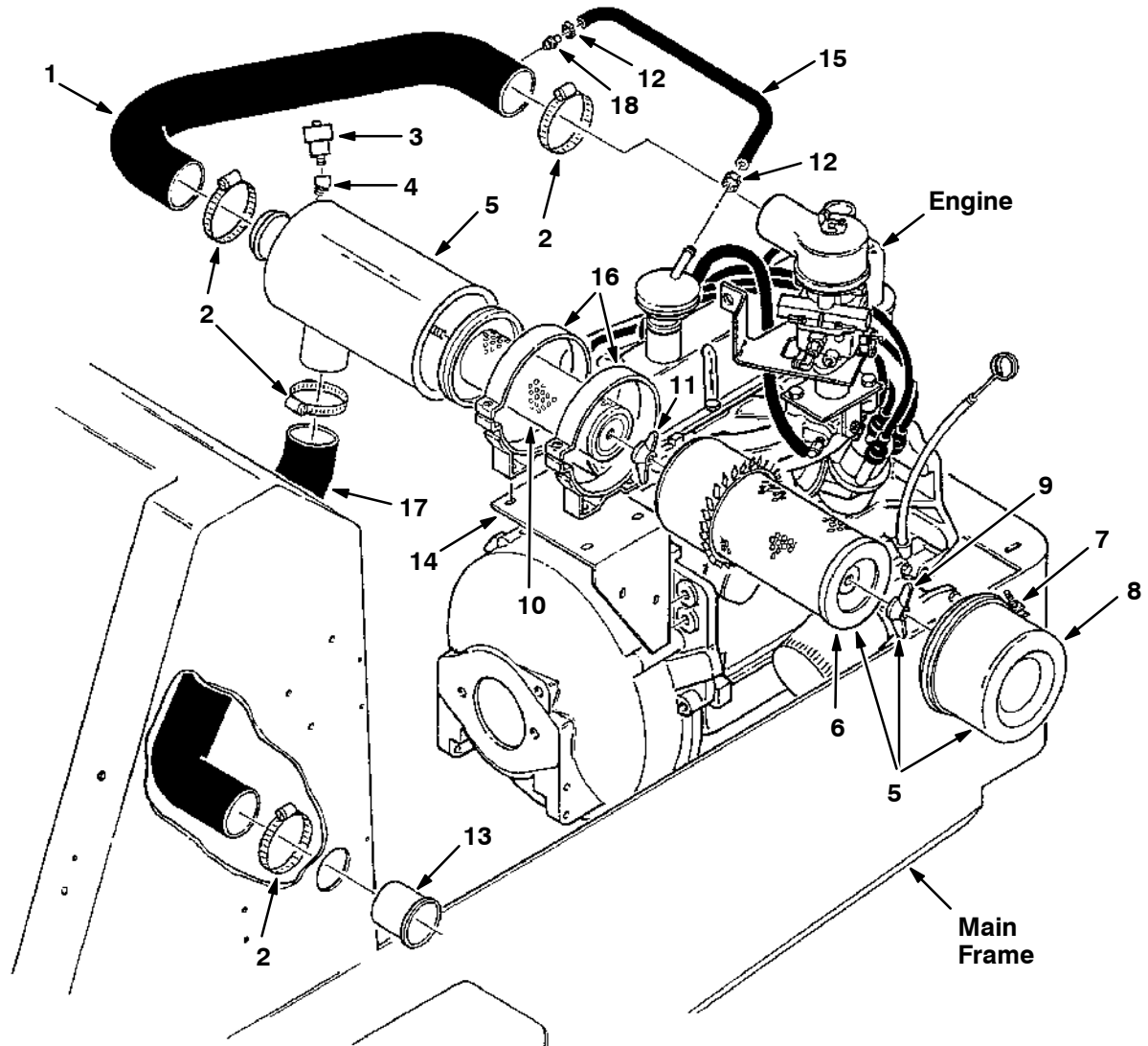
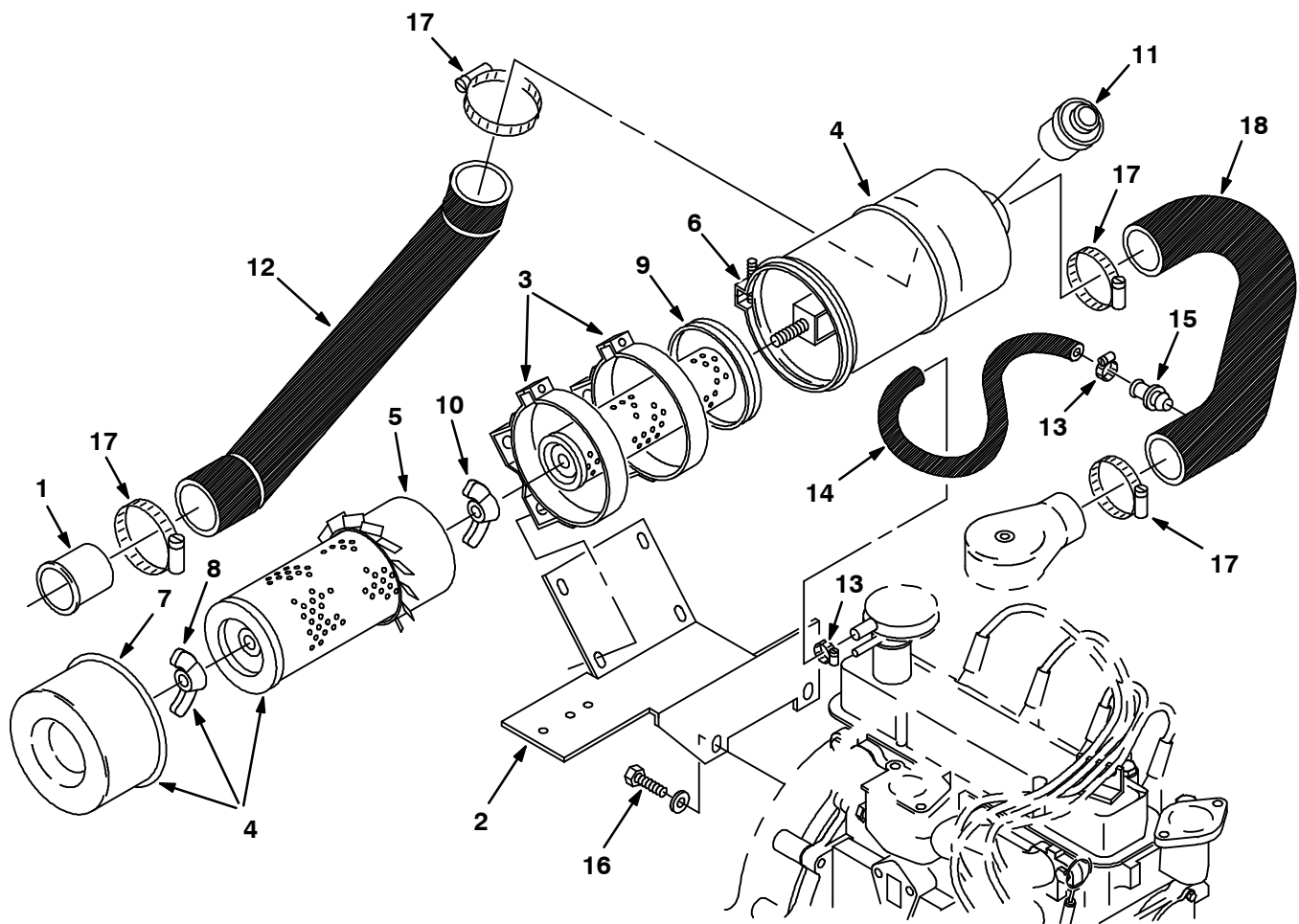


Fig. 38 – Air Cleaner Group

04714

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description                   | Qty. |
|-----|----------------------|--------------------------|-------------------------------|------|
| 1   | 82552                | (010001–010749)          | Tube, Air Intake              | 1    |
| 2   | 14432                | (010001–010749)          | Clamp, Worm Drive             | 4    |
| 3   | 82685                | (010001–010749)          | Indicator, Air Filter Service | 1    |
| 4   | 24976                | (010001–010749)          | Fitting, Elbow, 45°           | 1    |
| 5   | 58538                | (010001–010749)          | Cleaner, Air                  | 1    |
| 6   | 58120                | (010001–010749)          | Element, Air Filter           | 1    |
| 7   | 02740                | (010001–010749)          | Clamp Assembly                | 1    |
| 8   | 02741                | (010001–010749)          | Cup Assembly                  | 1    |
| 9   | 07562                | (010001–010749)          | Wingnut                       | 1    |
| 10  | 58121                | (010001–010749)          | Element, Safety               | 1    |
| 11  | 07562                | (010001–010749)          | Wingnut                       | 1    |
| 12  | 54333                | (010001–010749)          | Clamp, Worm Drive             | 2    |
| 13  | 58346                | (010001–010749)          | Tube, Air Intake              | 1    |
| 14  | 82555                | (010001–010749)          | Bracket, Air Cleaner          | 1    |
| 15  | 07362                | (010001–010749)          | Hose, PCV                     | 1    |
| 16  | 51560–3              | (010001–010749)          | Clamp, Mounting               | 2    |
| 17  | 82676                | (010001–010749)          | Hose, Air Intake              | 1    |
| 18  | 82533                | (010001–010749)          | Spud                          | 1    |



06030

**Fig. 39 – Air Cleaner Group, Distributorless (DIS)**

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description                   | Qty. |
|-----|----------------------|--------------------------|-------------------------------|------|
| 1   | 58346                | (010750– )               | Tube, Air Intake              | 1    |
| 2   | 31511                | (010750– )               | Bracket, Air Cleaner Mounting | 1    |
| 3   | 51560–3              | (010750– )               | Clamp, Mounting               | 2    |
| 4   | 58538                | (010750– )               | Air Cleaner                   | 1    |
| 5   | 58120                | (010750– )               | Element, Air Filter           | 1    |
| 6   | 02740                | (010750– )               | Clamp Assembly                | 1    |
| 7   | 02741                | (010750– )               | Cup Assembly                  | 1    |
| 8   | 07562                | (010750– )               | Nut, Wing                     | 1    |
| 9   | 58121                | (010750– )               | Element, Safety               | 1    |
| 10  | 07562                | (010750– )               | Nut, Wing                     | 1    |
| 11  | 82685                | (010750– )               | Indicator, Air Filter Service | 1    |
| 12  | 82676                | (010750– )               | Hose, Air Intake              | 1    |
| 13  | 54333                | (010750– )               | Clamp, Worm Drive             | 2    |
| 14  | 31515                | (010750– )               | Hose, PCV                     | 1    |
| 15  | 82533                | (010750– )               | Spud                          | 1    |
| 16  | 39284                | (010750– )               | Screw, Hex, M10               | 2    |
| 17  | 14432                | (010750– )               | Clamp, Worm Drive             | 4    |
| 18  | 31486                | (010750– )               | Hose, Air Intake              | 1    |

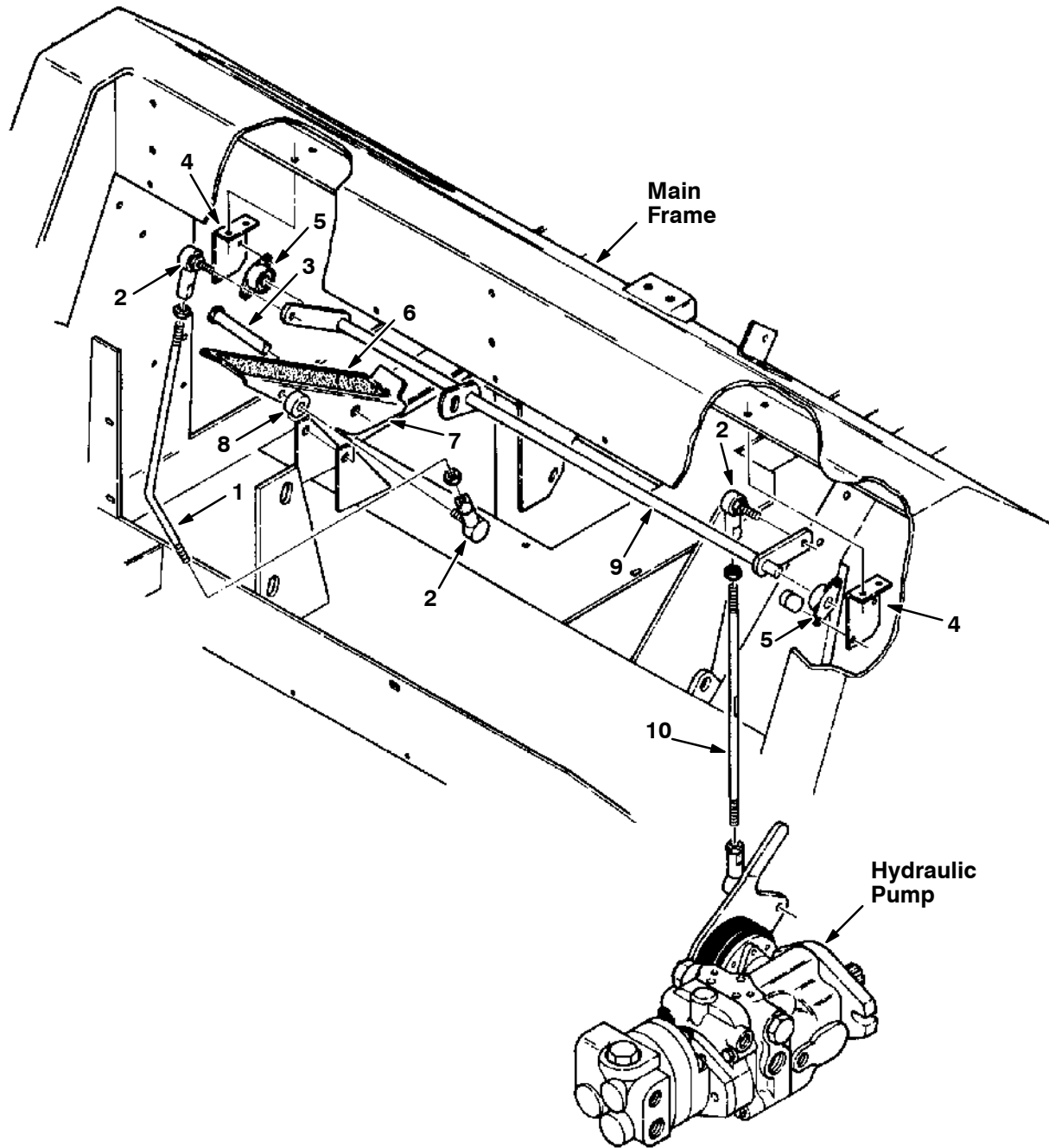


Fig. 40 – Directional Control Group

04560

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description              | Qty. |
|-----|----------------------|--------------------------|--------------------------|------|
| 1   | 82748                | (010001–010749)          | Rod, Accelerator Control | 1    |
| 2   | 50493                | (010001–010749)          | Ball Joint               | 3    |
| 3   | 23683                | (010001–010749)          | Pin, Clevis              | 1    |
| 4   | 53351A               | (010001–010749)          | Support, Control Rod     | 2    |
| 5   | 53352                | (010001–010749)          | Bearing, Flange          | 2    |
| 6   | 82839                | (010001–010749)          | Pad, Tread               | 1    |
| 7   | 82836                | (010001–010749)          | Pedal, Propel            | 1    |
| 8   | 69462                | (010001–010749)          | Sleeve                   | 1    |
| 9   | 82793                | (010001–010749)          | Rod, Drive Linkage       | 1    |
| 10  | 82258                | (010001–010749)          | Stud                     | 1    |

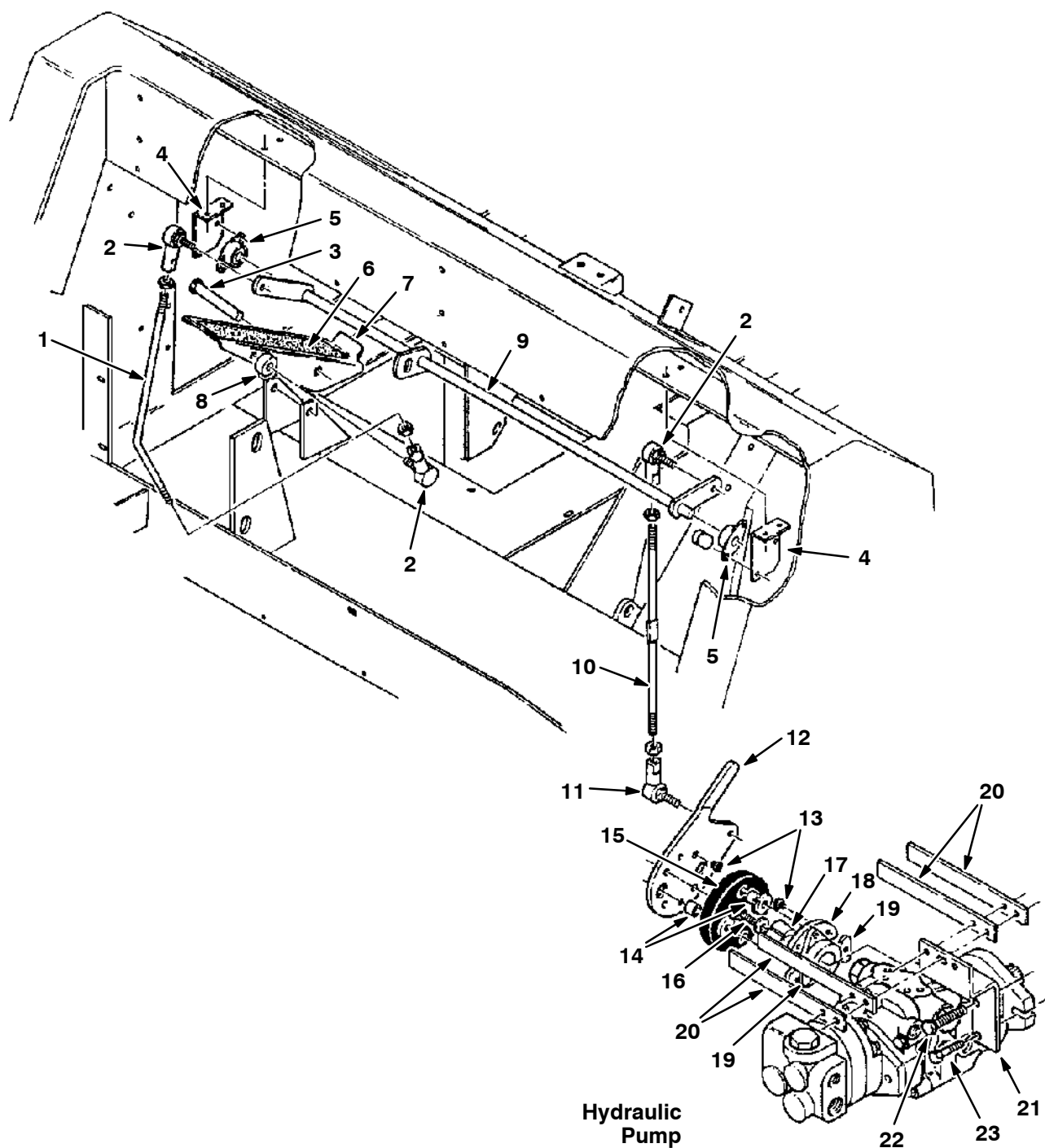


Fig. 41 – Directional Control Group, Distributorless (DIS)

Fig. 41 – Directional Control Group, Distributorless (DIS)

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description                  | Qty. |
|-----|----------------------|--------------------------|------------------------------|------|
| 1   | 82748                | (010750– )               | Rod, Accelerator Control     | 1    |
| 2   | 50493                | (010750– )               | Ball Joint                   | 3    |
| 3   | 23683                | (010750– )               | Pin, Clevis                  | 1    |
| 4   | 53351A               | (010750– )               | Support, Control Rod         | 2    |
| 5   | 53352                | (010750– )               | Bearing, Flange              | 2    |
| 6   | 82839                | (010750– )               | Pad, Tread                   | 1    |
| 7   | 82836                | (010750– )               | Pedal, Propel                | 1    |
| 8   | 69462                | (010750– )               | Sleeve                       | 1    |
| 9   | 82793                | (010750– )               | Rod, Drive Linkage           | 1    |
| 10  | 82258                | (010750– )               | Rod, Threaded                | 1    |
| 11  | 82260                | (010750– )               | Ball Joint, Left Hand Thread | 1    |
| 12  | 30363                | (010750– )               | Plate, Pump Control          | 1    |
| 13  | 56855                | (010750– )               | Bumper, Rubber               | 8    |
| 14  | 64991                | (010750– )               | Sleeve                       | 4    |
| 15  | 57875                | (010750– )               | Coupling, Shaft              | 1    |
| 16  | 16736                | (010750– )               | Screw, Hex, Nylon            | 1    |
| 17  | 15280–3              | (010750– )               | Bushing                      | 1    |
| 18  | 02701                | (010750– )               | Flange, Coupling             | 1    |
| 19  | 02702                | (010750– )               | Washer, Retainer             | 2    |
| 20  | 49681                | (010750– )               | Plate, Spring                | 4    |
| 21  | 30365                | (010750– )               | Bracket, Centering           | 1    |
| 22  | 55347                | (010750– )               | Screw, Hex, Full Thread      | 1    |
| 23  | 82842                | (010750– )               | Screw, Hex, Nylon            | 2    |

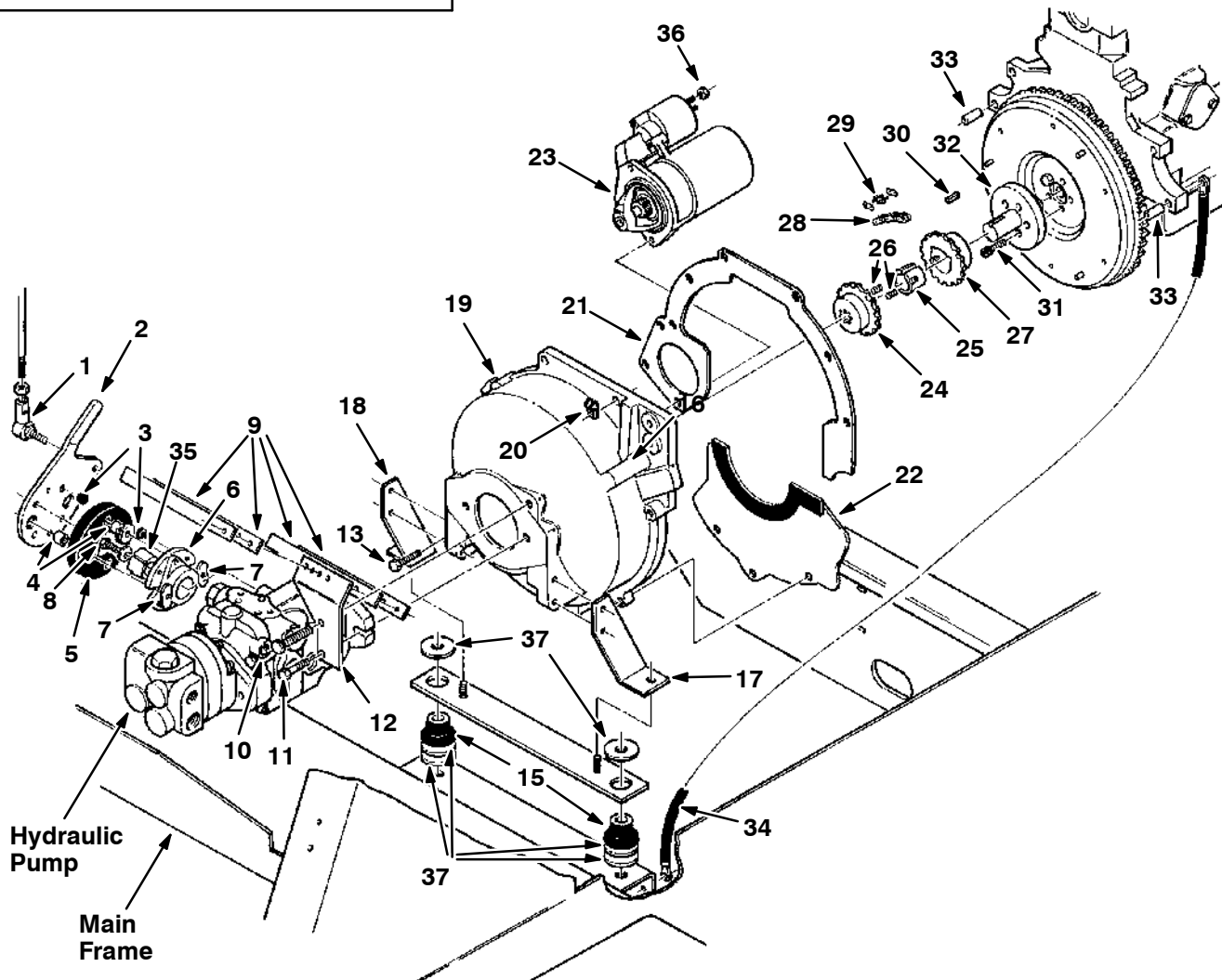
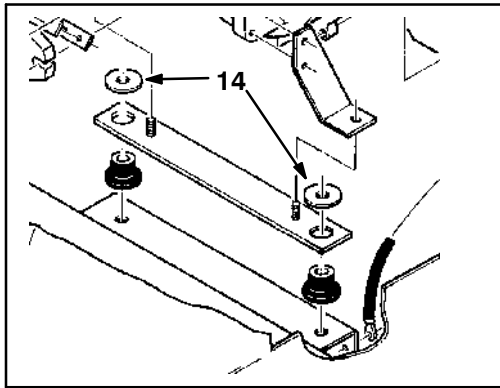
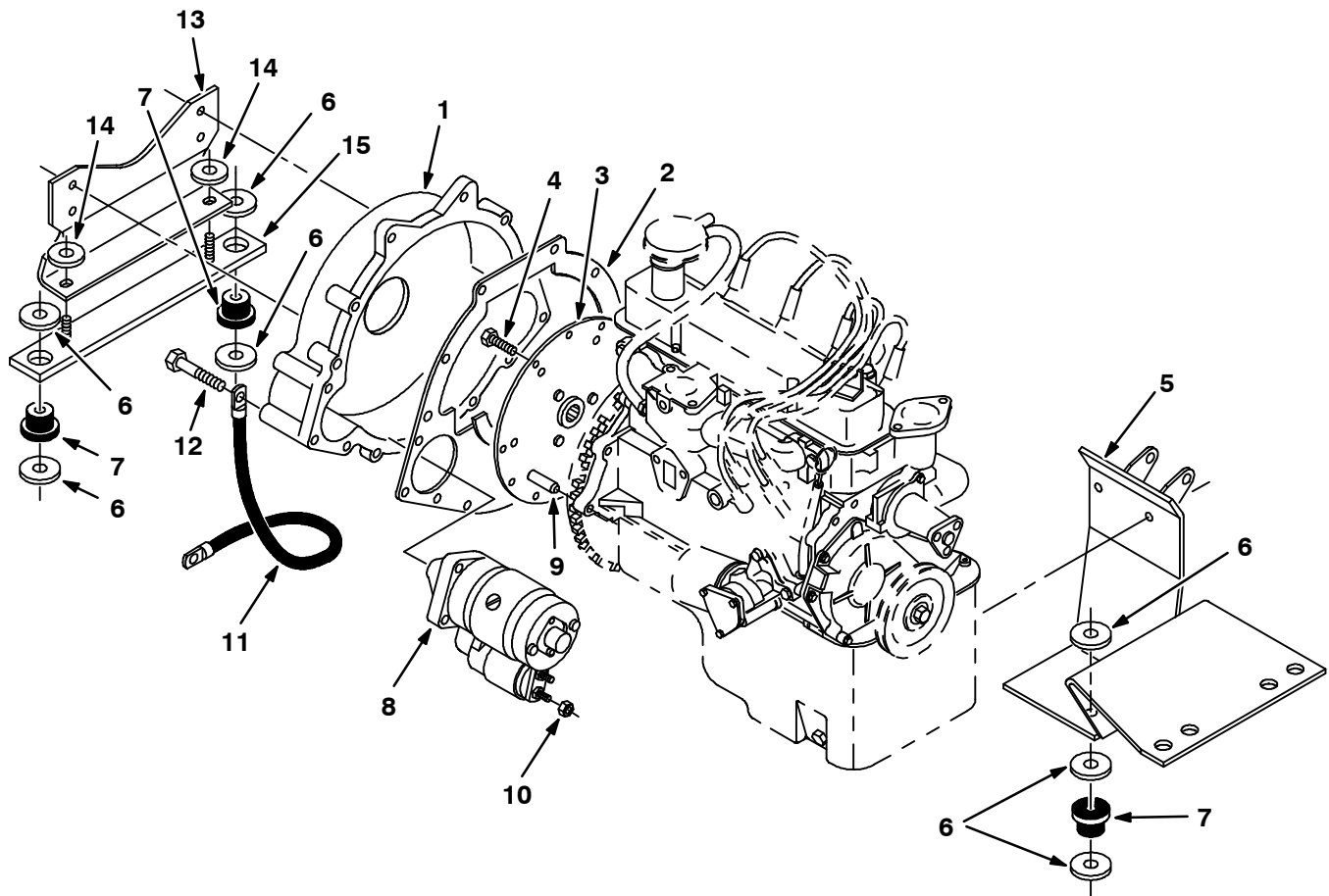


Fig. 42 – Flywheel Housing Group

Fig. 42 – Flywheel Housing Group

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description                  | Qty. |
|-----|----------------------|--------------------------|------------------------------|------|
| 1   | 82260                | (010001–010749)          | Ball Joint, Left Hand Thread | 1    |
| 2   | 82215                | (010001–010749)          | Plate, Pump Control          | 1    |
| 3   | 56855                | (010001–010749)          | Bumper, Rubber               | 8    |
| 4   | 64991                | (010001–010749)          | Sleeve                       | 4    |
| 5   | 57875                | (010001–010749)          | Coupling, Shaft              | 1    |
| 6   | 02701                | (010001–010749)          | Flange, Coupling             | 1    |
| 7   | 02702                | (010001–010749)          | Washer, Retainer             | 2    |
| 8   | 16736                | (010001–010749)          | Screw, Hex, Nylon            | 1    |
| 9   | 49681                | (010001–010749)          | Plate, Spring                | 4    |
| 10  | 55347                | (010001–010749)          | Screw, Hex, Full Thread      | 1    |
| 11  | 82842                | (010001–010749)          | Screw, Hex, Nylon            | 2    |
| 12  | 02699                | (010001–010749)          | Bracket, Mount               | 1    |
| 13  | 03193                | (010001–010749)          | Screw, Hex, M10              | 3    |
| 14  | 32492                | (010001–010165)          | Washer                       | 2    |
| 15  | 51176                | (010001–010749)          | Dampner, Engine              | 2    |
| 16  | 82517                | (010001–010749)          | Support, Bell Housing        | 1    |
| 17  | 82520                | (010001–010749)          | Angle, Support, L.H.         | 1    |
| 18  | 82519                | (010001–010749)          | Angle, Support, R.H.         | 1    |
| 19  | 03154                | (010001–010749)          | Housing, Flywheel            | 1    |
| 20  | 76736                | (010001–010749)          | Clamp, Cable                 | 1    |
| 21  | 03179                | (010001–010749)          | Ring, Starter Locating       | 1    |
| 22  | 07188                | (010001–010749)          | Cover, Flywheel Housing      | 1    |
| 23  | 03160                | (010001–010749)          | Starter                      | 1    |
| 24  | 53386                | (010001–010749)          | Coupling, Spline             | 1    |
| 25  | 15280–1              | (010001–010749)          | Bushing                      | 1    |
| 26  | 39330                | (010001–010749)          | Screw, Set                   | 2    |
| 27  | 53531–2              | (010001–010749)          | Coupling, Chain Half         | 1    |
| 28  | 33691                | (010001–010749)          | Chain, Roller                | 1    |
| 29  | 33692                | (010001–010749)          | Link, Roller Chain           | 1    |
| 30  | 00926                | (010001–010749)          | Key, Square                  | 1    |
| 31  | 03210                | (010001–010749)          | Screw, Socket, M10           | 5    |
| 32  | 07132                | (010001–010749)          | Adaptor, Flywheel            | 1    |
| 33  | 54911–16             | (010001–010749)          | Pin, Dowel                   | 2    |
| 34  | 57773                | (010001–010749)          | Wire Assembly, Ground        | 1    |
| 35  | 15280–3              | (010001–010749)          | Bushing                      | 1    |
| 36  | 41361                | (010001–010749)          | Nut, Hex M8                  | 1    |
| 37  | 04414                | (010166–010749)          | Washer, Flat                 | 6    |





**Fig. 43 – Flywheel Housing Group, Distributorless (DIS)**

06037

| Key | TENNANT<br>Part No. | Machine<br>Serial Number | Description                 | Qty. |
|-----|---------------------|--------------------------|-----------------------------|------|
| 1   | 19073               | (010750– )               | Housing, Flywheel           | 1    |
| 2   | 19531               | (010750– )               | Ring, Starter Locating      | 1    |
| 3   | 19252               | (010750– )               | Coupling Assembly, Flywheel | 1    |
| 4   | 16735               | (010750– )               | Screw, Hex, M8              | 6    |
| 5   | 31491               | (010750–010801)          | Mount, Engine Front         | 1    |
| 5   | 30434               | (010802– )               | Mount, Engine Front         | 1    |
| 6   | 04414               | (010750– )               | Washer, Flat                | 7    |
| 7   | 51176               | (010750– )               | Dampner, Engine             | 3    |
| 8   | 31761               | (010750– )               | Starter                     | 1    |
| 9   | 54911–16            | (010750– )               | Pin, Dowel                  | 2    |
| 10  | 41361               | (010750– )               | Nut, Hex, M8                | 1    |
| 11  | 57773               | (010750– )               | Wire Assembly, Ground       | 1    |
| 12  | 03192               | (010750– )               | Screw, Hex, M10             | 3    |
| 13  | 30328               | (010750– )               | Mount, Engine Rear          | 1    |
| 14  | 32492               | (010750– )               | Washer                      | 2    |
| 15  | 82517               | (010750– )               | Support, Bell Housing       | 1    |

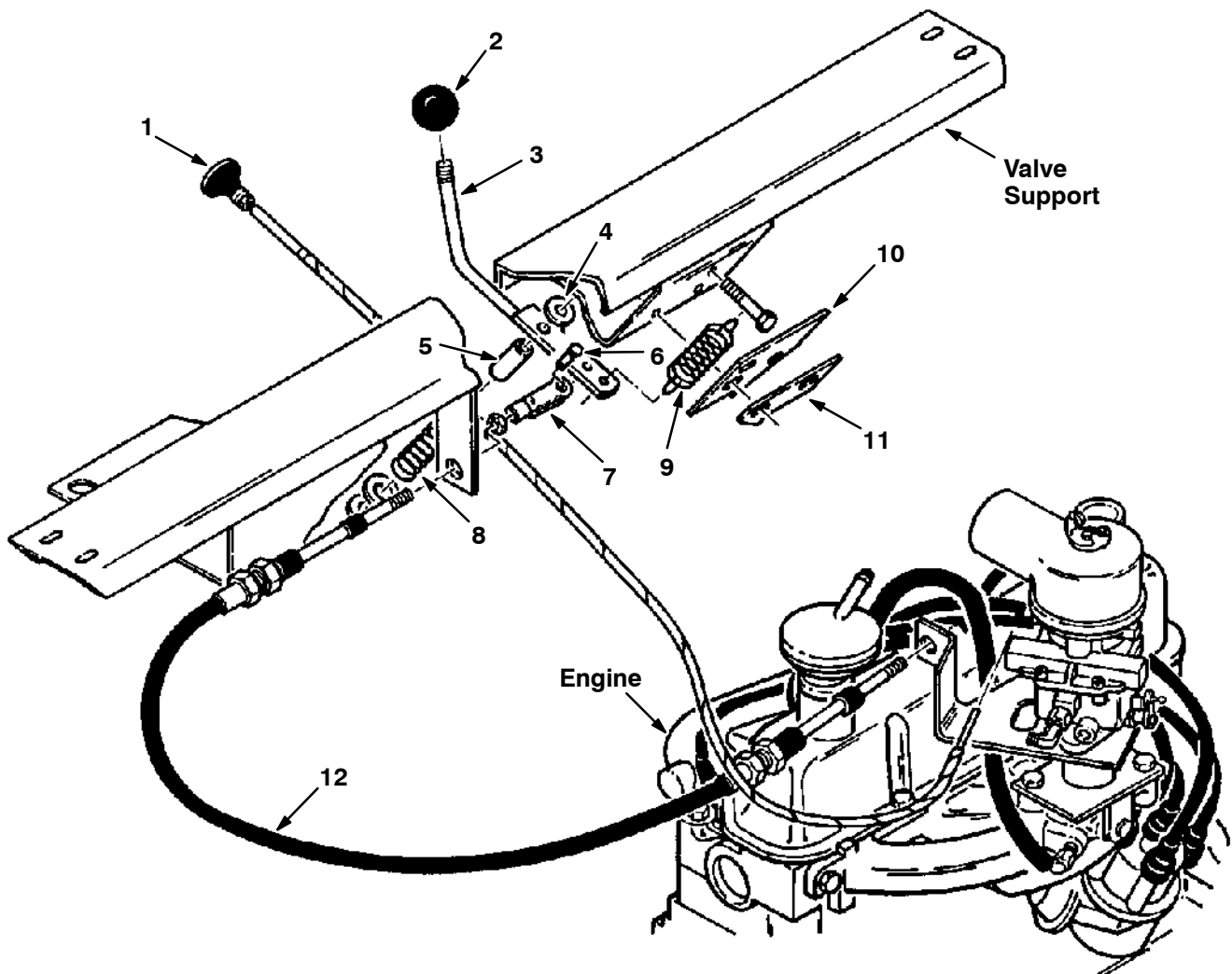
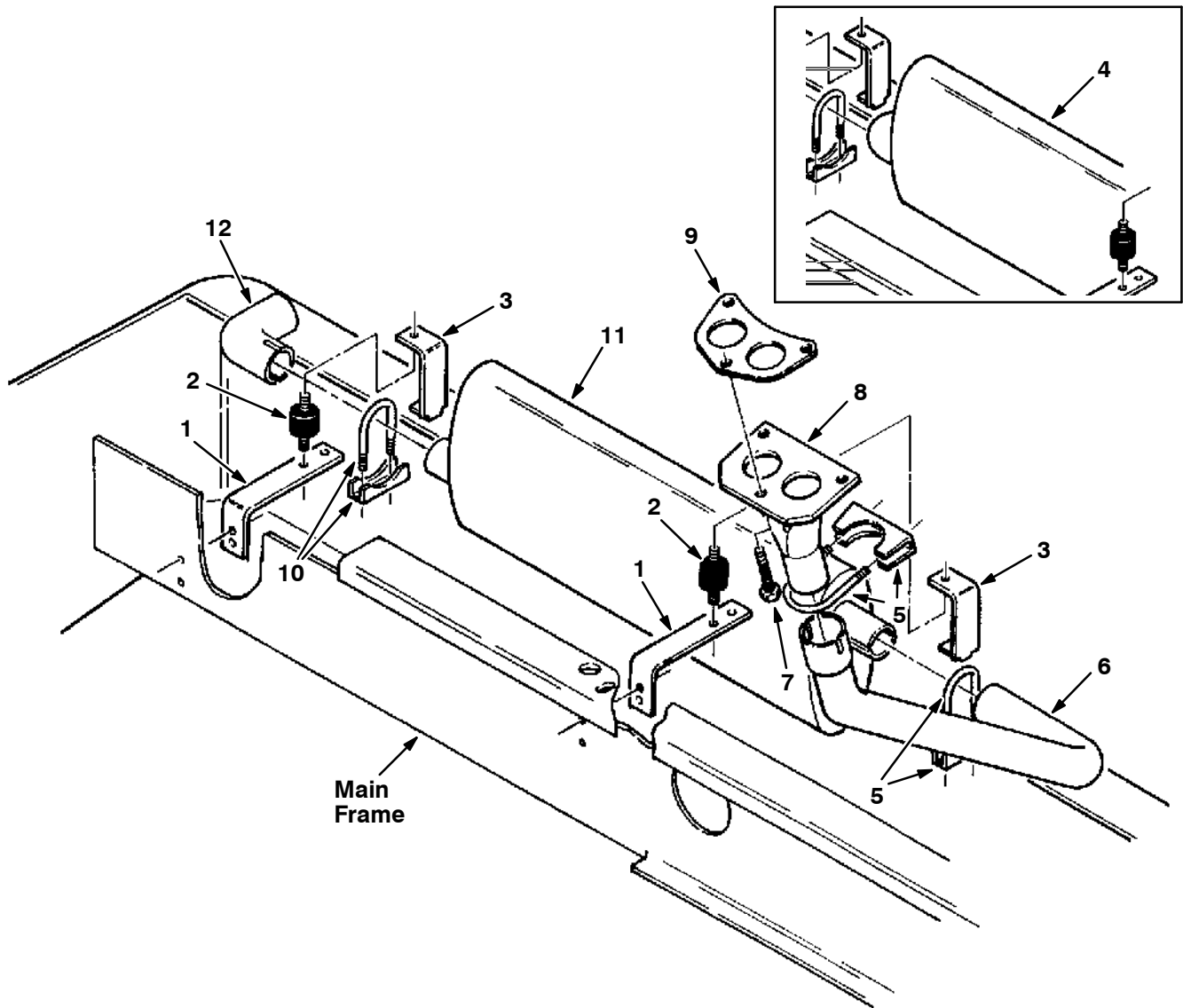


Fig. 44 – Throttle Linkage Group

04725

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description                   | Qty. |
|-----|----------------------|--------------------------|-------------------------------|------|
| 1   | 69266                | (010001–010749)          | Cable, Choke                  | 1    |
| 2   | 26565                | (010001–010749)          | Knob                          | 1    |
| 3   | 82941                | (010001–010749)          | Handle, Throttle              | 1    |
| 4   | 43611                | (010001–010749)          | Washer, Nylon                 | 1    |
| 5   | 68000                | (010001–010749)          | Spacer                        | 1    |
| 6   | 14605                | (010001–010749)          | Pin, Clevis                   | 1    |
| 7   | 14595–1              | (010001–010749)          | Clevis, Adjustable            | 1    |
| 8   | 39457                | (010001–010749)          | Spring, Compression           | 1    |
| 9   | 01053                | (010001–010749)          | Spring, Tension               | 1    |
| 10  | 82669                | (010001–010749)          | Plate, Stop                   | 1    |
| 11  | 82677                | (010001–010749)          | Plate, Stop                   | 1    |
| 12  | 67815                | (010001–010749)          | Cable Assembly, Stud and Stud | 1    |



**Fig. 45 – Muffler Group**

05379

| Key | Tennant®<br>Part No. | Machine<br>Serial Number | Description              | Qty |
|-----|----------------------|--------------------------|--------------------------|-----|
| 1   | 07387                | (010001–010749)          | Bracket, Muffler Hanger  | 2   |
| 2   | 82661                | (010001–010749)          | Isolator, Vibration      | 2   |
| 3   | 82545                | (010001–010749)          | Hanger, Muffler          | 2   |
| 4   | 33330                | (010001–010201)          | Replacement Kit, Muffler | 1   |
| 5   | 24012                | (010001–010749)          | Clamp, Muffler           | 2   |
| 6   | 03240                | (010001–010749)          | Pipe, Exhaust            | 1   |
| 7   | 39283                | (010001–010749)          | Screw, Hex M10           | 3   |
| 8   | 03232                | (010001–010749)          | Collector, Exhaust       | 1   |
| 9   | 03252                | (010001–010749)          | Gasket, Exhaust          | 1   |
| 10  | 23693                | (010001–010749)          | Clamp, Muffler           | 1   |
| 11  | 33333                | (010202–010749)          | Muffler                  | 1   |
| 12  | 33329                | (010202–010749)          | Tailpipe                 | 1   |

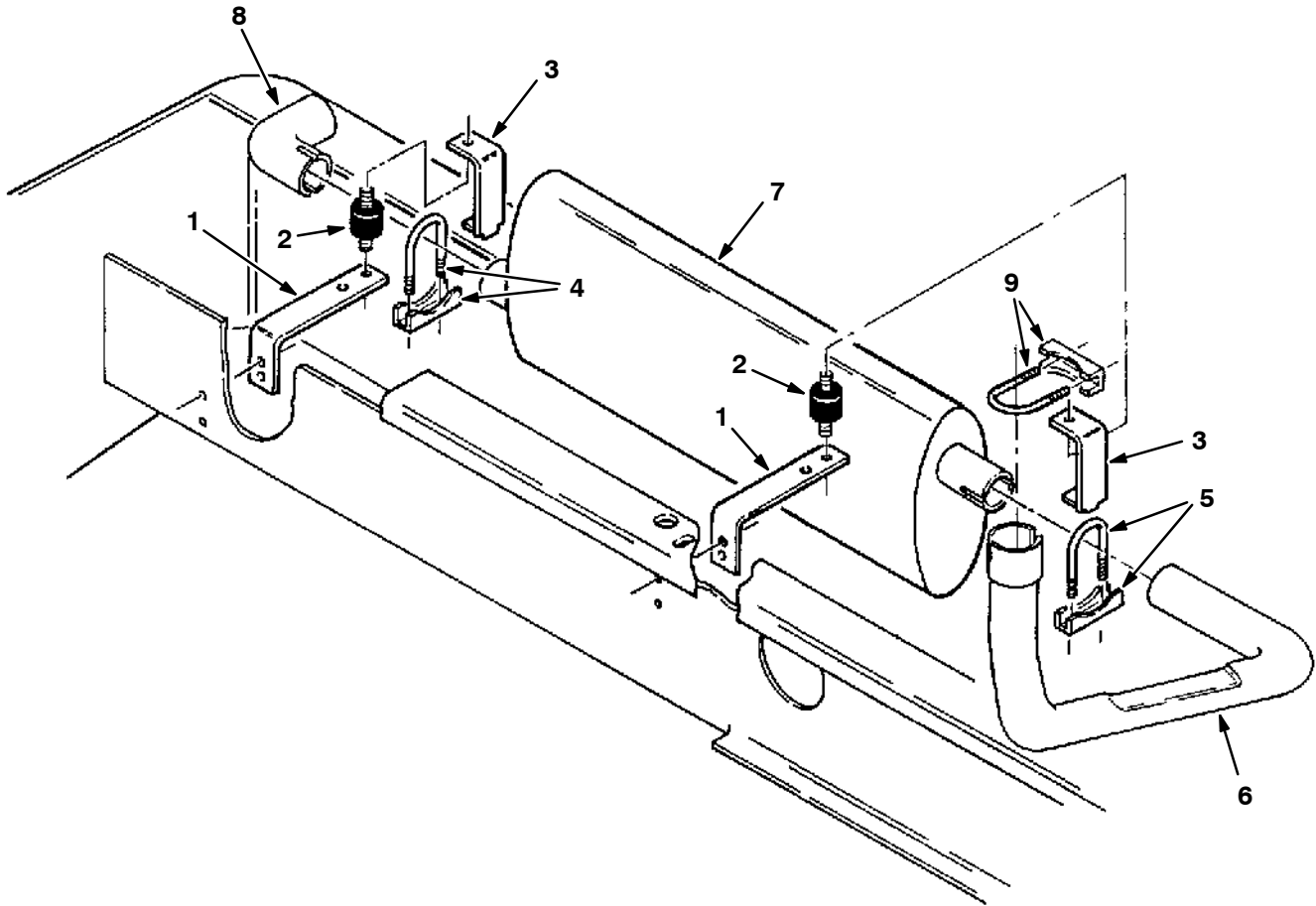


Fig. 46 – Muffler Group, Distributorless (DIS)

06040

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description                        | Qty. |
|-----|----------------------|--------------------------|------------------------------------|------|
| 1   | 30351                | (006500– )               | Bracket, Muffler Hanger            | 2    |
| 2   | 82661                | (006500– )               | Isolator, Vibration                | 2    |
| 3   | 82545                | (006500– )               | Hanger, Muffler                    | 2    |
| 4   | 23693                | (006500– )               | Clamp, Muffler (for 1.50" OD tube) | 1    |
| 5   | 24012                | (006500– )               | Clamp, Muffler (for 1.62" OD tube) | 1    |
| 6   | 30350                | (006500– )               | Tube, Exhaust                      | 1    |
| 7   | 33333                | (006500– )               | Muffler                            | 1    |
| 8   | 33329                | (006500– )               | Tailpipe                           | 1    |
| 9   | 24012–1              | (010750– )               | Clamp, Muffler (for 1.75" OD tube) | 1    |

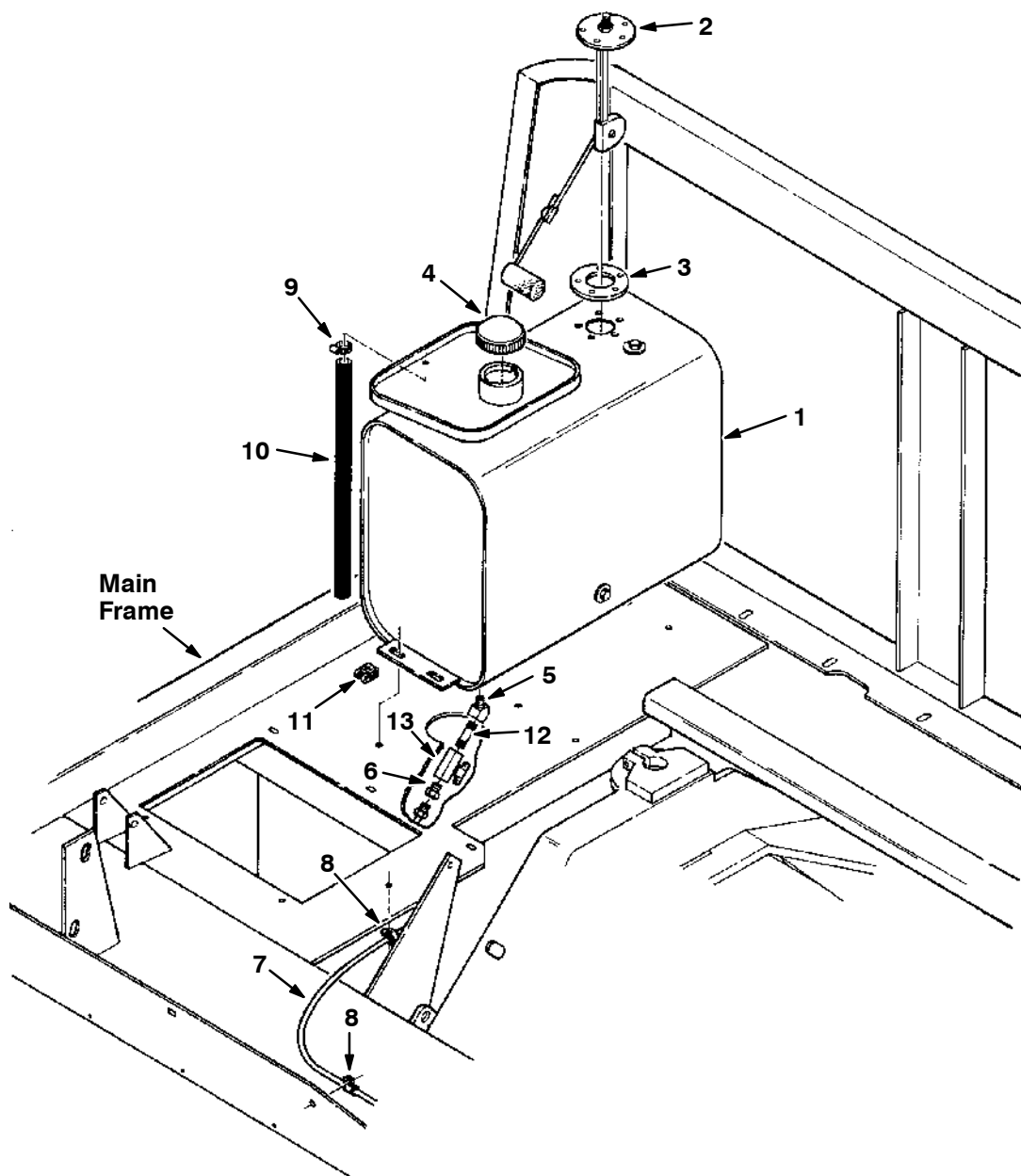


Fig. 47 – Fuel Tank Group

04485

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description             | Qty. |
|-----|----------------------|--------------------------|-------------------------|------|
| 1   | 82729                | (010001– )               | Tank, Fuel              | 1    |
| 2   | 07874                | (010001– )               | Sending Unit, Fuel Tank | 1    |
|     | 68106                | (010001– )               | Terminal, Tab           | 1    |
| 3   | 14131                | (010001– )               | Gasket                  | 1    |
| 4   | 48267                | (010001– )               | Cap, Fuel Tank          | 1    |
| 5   | 24976                | (010001– )               | Fitting, Elbow, 45°     | 1    |
| 6   | 40585                | (010001– )               | Fitting, Straight       | 1    |
| 7   | 82524                | (010001– )               | Tube Assembly           | 1    |
| 8   | 46236                | (010001– )               | Clamp, Cable            | 3    |
| 9   | 54333                | (010001– )               | Clamp, Worm Drive       | 1    |
| 10  | 34258                | (010001– )               | Hose, Gas               | 1    |
| 11  | 02485                | (010001– )               | Nut, Speed Retainer     | 4    |
| 12  | 47566                | (010001– )               | Fitting, Nipple         | 1    |
| 13  | 07885                | (010001– )               | Valve, Ball             | 1    |

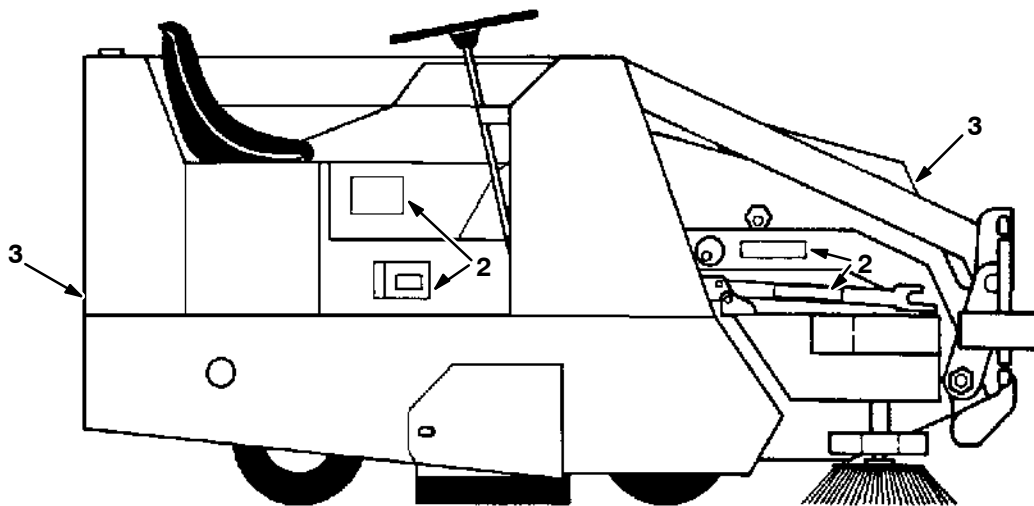
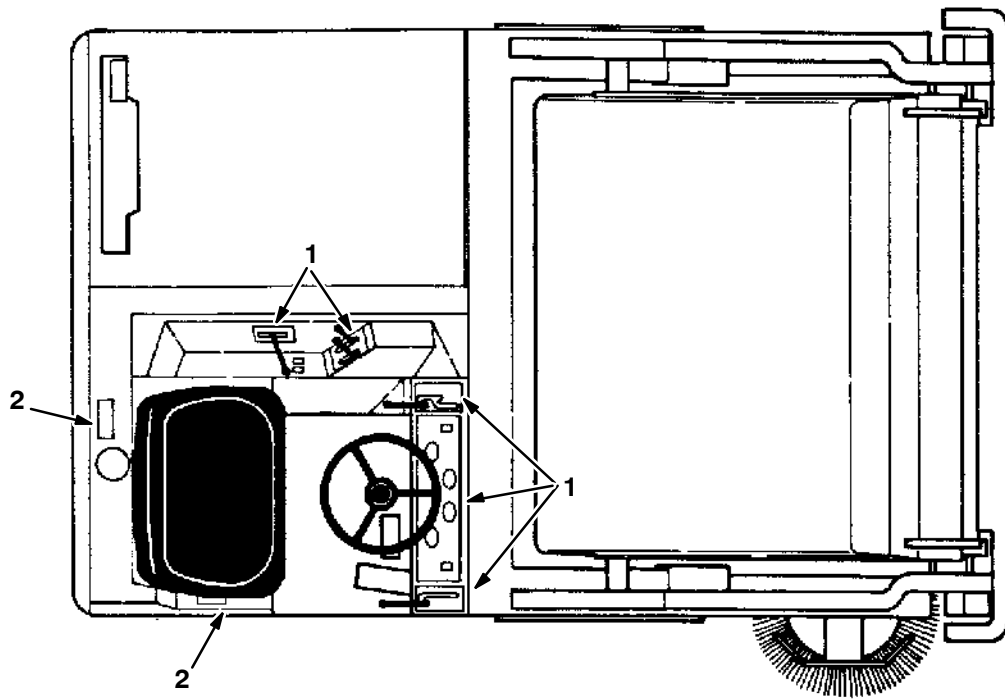


Fig. 48 – Labels Group

06042

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description                       | Qty. |
|-----|----------------------|--------------------------|-----------------------------------|------|
| 1   | 25162                | (010001 – )              | Label Kit, Complete               | 1    |
|     | 25143                | (010001 – )              | Label Kit, Operational            | 1    |
| 2   | 82740                | (010001 – )              | Label Kit, Information and Hazard | 1    |

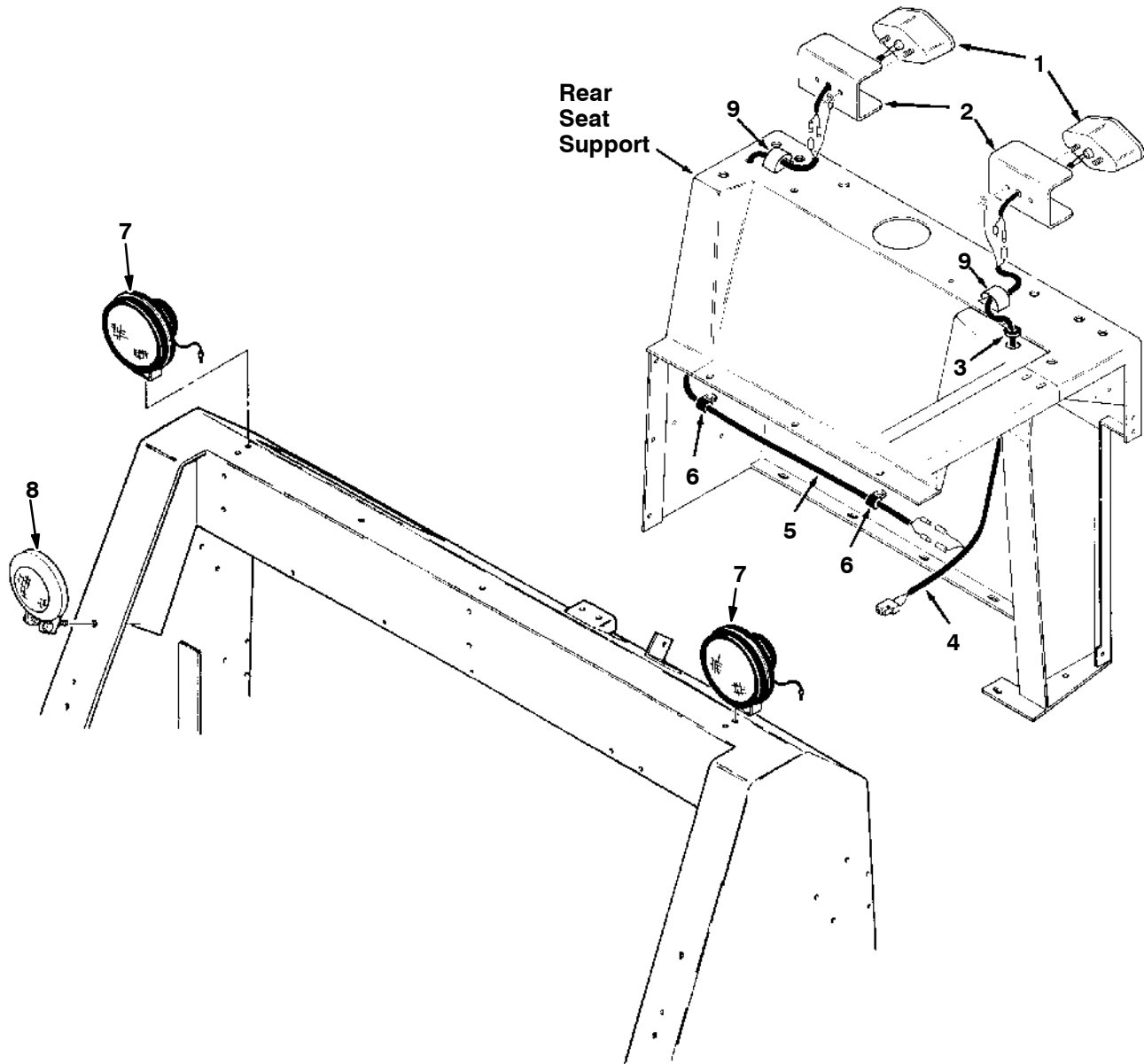


Fig. 49 – Headlight, Taillight, and Spotlight Group

04487

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description               | Qty. |
|-----|----------------------|--------------------------|---------------------------|------|
| 1   | 55274                | (010001– )               | Tail Light Assembly       | 2    |
|     | 45780                | (010001– )               | Bulb                      | 1    |
| 2   | 82725                | (010001– )               | Guard, Light              | 2    |
| 3   | 10632–2              | (010001– )               | Grommet, Rubber           | 1    |
| 4   | 82707                | (010001– )               | Harness, Tail Light, L.H. | 1    |
| 5   | 82735                | (010001– )               | Harness, Tail Light, R.H. | 1    |
| 6   | 40678                | (010001– )               | Clamp, Cable              | 2    |
| 7   | 19827                | (010001– )               | Light Assembly            | 2    |
|     | 51570                | (010001– )               | Lamp                      | 1    |
| 8   | 82595                | (010001– )               | Spotlight Assembly        | 1    |
| 8   | 32827                | (010001– )               | Bulb                      | 1    |
| 9   | 82637                | (010001– )               | Cable, Clamp              | 2    |
|     | 55272                | (010001– )               | Plug, Snap Terminal       | 2    |
|     | 49266                | (010001– )               | Tie, Cable                | 5    |
|     | 55248                | (010001– )               | Mount, Cable Tie          | 2    |

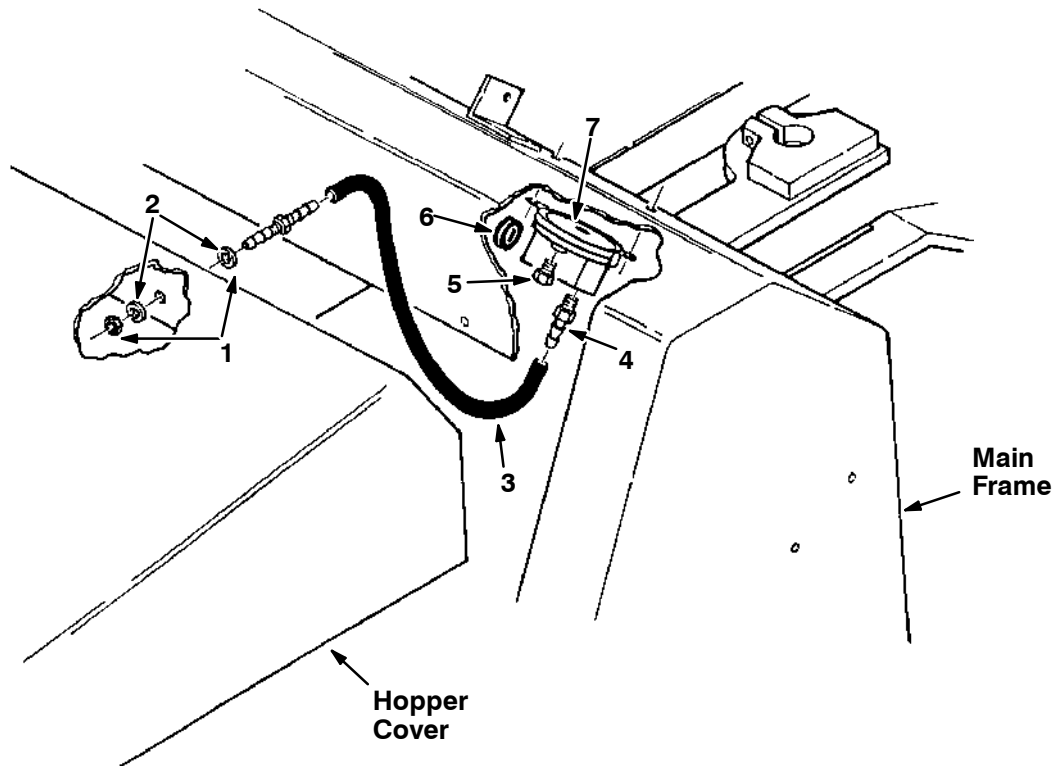
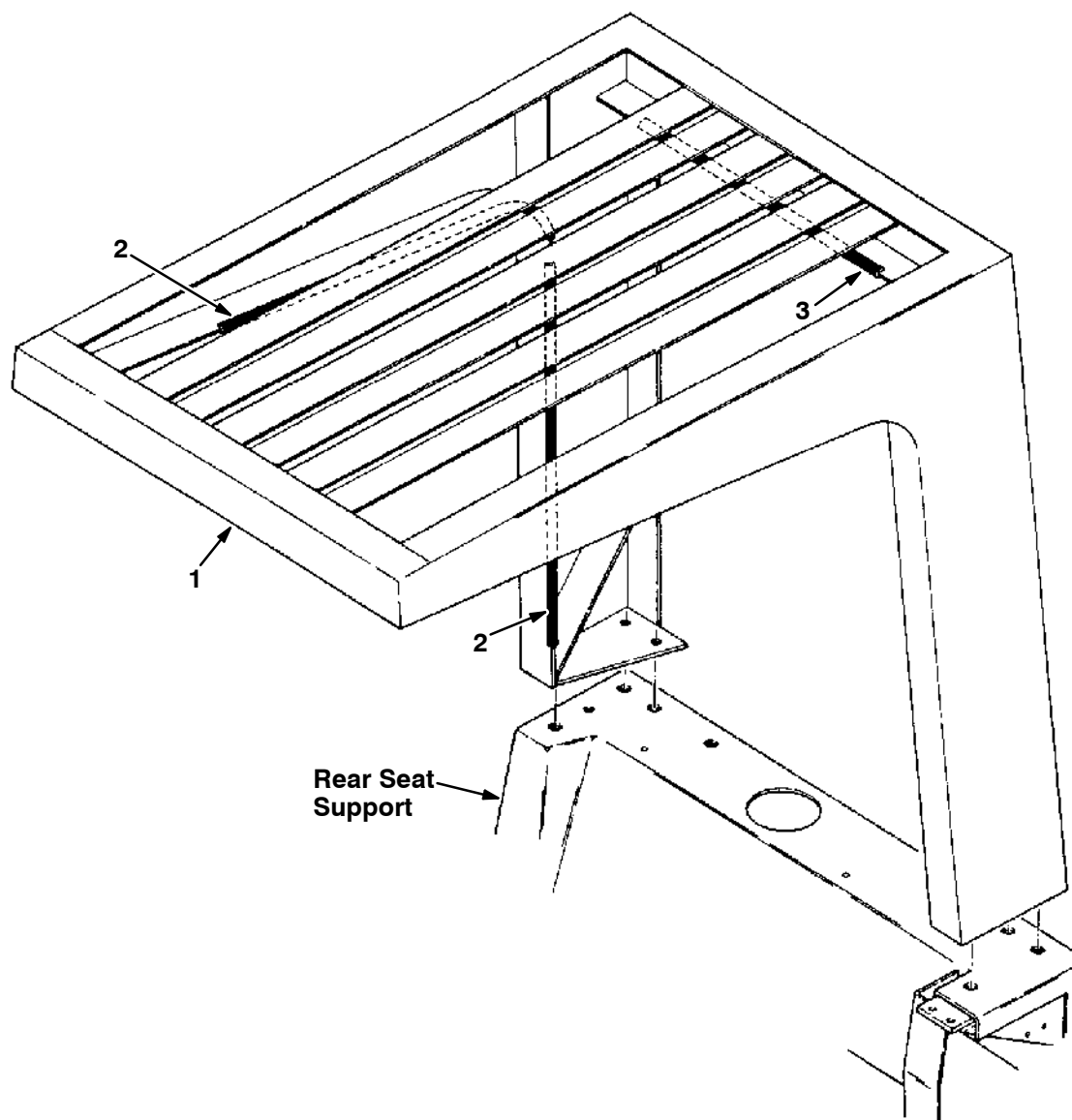


Fig. 50 – Pressure Switch Group

04494

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description              | Qty. |
|-----|----------------------|--------------------------|--------------------------|------|
| 1   | 39923                | (010001 – )              | Fitting, Barbed Bulkhead | 1    |
| 2   | 43454                | (010001 – )              | Washer, Nylon            | 2    |
| 3   | 39780-1              | (010001 – )              | Hose, Rubber             | 1    |
| 4   | 40607                | (010001 – )              | Fitting, Barbed Straight | 1    |
| 5   | 82739                | (010001 – )              | Fitting, Breather        | 1    |
| 6   | 10632-4              | (010001 – )              | Grommet, Rubber          | 1    |
| 7   | 34868                | (010001 – )              | Switch, Pressure         | 1    |





**Fig. 51 – Overhead Guard Group**

04505

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description     | Qty. |
|-----|----------------------|--------------------------|-----------------|------|
| 1   | 55150                | (010001 – )              | Guard, Overhead | 1    |
| 2   | 62595–11             | (010001 – )              | Molding, Rigid  | 2    |
| 3   | 62595–2              | (010001 – )              | Molding, Rigid  | 1    |

## SECTION 6

## CONTENTS

|                                                     | Page |
|-----------------------------------------------------|------|
| ORDERING REPAIR PARTS .....                         | 6-3  |
| Fig. 1 – Engine Group, Diesel .....                 | 6-4  |
| Fig. 2 – Fuel Tank Group, Diesel .....              | 6-6  |
| Fig. 3 – Radiator and Shroud Group,<br>Diesel ..... | 6-8  |
| Fig. 4 – Throttle Linkage Group, Diesel .....       | 6-9  |
| Fig. 5 – Muffler Group, Diesel .....                | 6-10 |
| Fig. 6 – Directional Control Group, Diesel ...      | 6-11 |
| Fig. 7 – Instrument Panel Group, Diesel .....       | 6-12 |
| Fig. 8 – Wire Harness Group, Diesel .....           | 6-13 |
| Fig. 9 – Foam Insulation Group, Diesel .....        | 6-14 |
| Fig. 10 – Air Cleaner Group, Diesel .....           | 6-15 |

*NOTE: SECTION 6, DIESEL PARTS, lists repair parts unique to a diesel powered machine.*



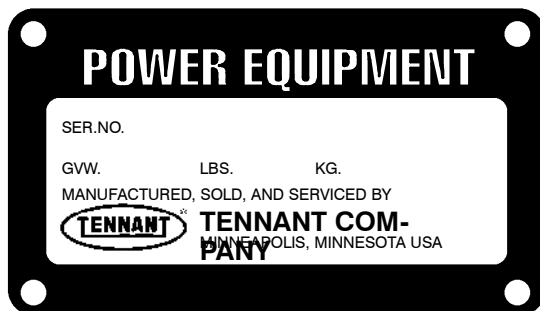
## ORDERING REPAIR PARTS

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When ordering parts, please furnish all of the following information:

1. Machine model number - shown on the machine data plate.



2. Machine serial number - shown on the machine data plate.
3. Power source - gasoline, LPG, diesel, electric.
4. Company name.
5. Shipping address.
6. Billing address.
7. Name, first and last - of person ordering parts.
8. Telephone number.
9. Purchase order number.
10. Part number, description, and quantity - of each item on the order.

Do not order parts by key number or the figure number of the illustrated parts. Indented items indicate parts of assemblies. Standard hardware is furnished only when part of a purchased assembly. Please get hardware from a local hardware supplier.

If the old part cannot be identified, send it to us with the quantity needed specified on the order.

Any claim for loss or damage to a shipment in transit should be filed promptly against the transportation company making the delivery. Shipments will be complete unless the packing list or order acknowledgement indicate items back ordered.

If parts received are suspected to be incorrect or defective, please write, wire, or phone the Tennant Company representative from whom you ordered the part. They will give authorization for return and/or handle replacement shipments when required.

### SERIAL NUMBER INFORMATION EXPLANATION

Serial number listings are shown to indicate on which machines each part can be used. These listings are explained by the following examples:

(000000— ) The part can be used on all machines.

(003342— ) The part can be used on all machines beginning with the serial number listed.

(000000—004320) The part can be used on all machines up to and including serial number listed.

(004321—005678) The part can be used on all machines between and including the serial numbers listed.

Where xxxxxx's are listed in place of a serial number, it indicates a change was made but the exact serial number had not been established when the catalog went to press.

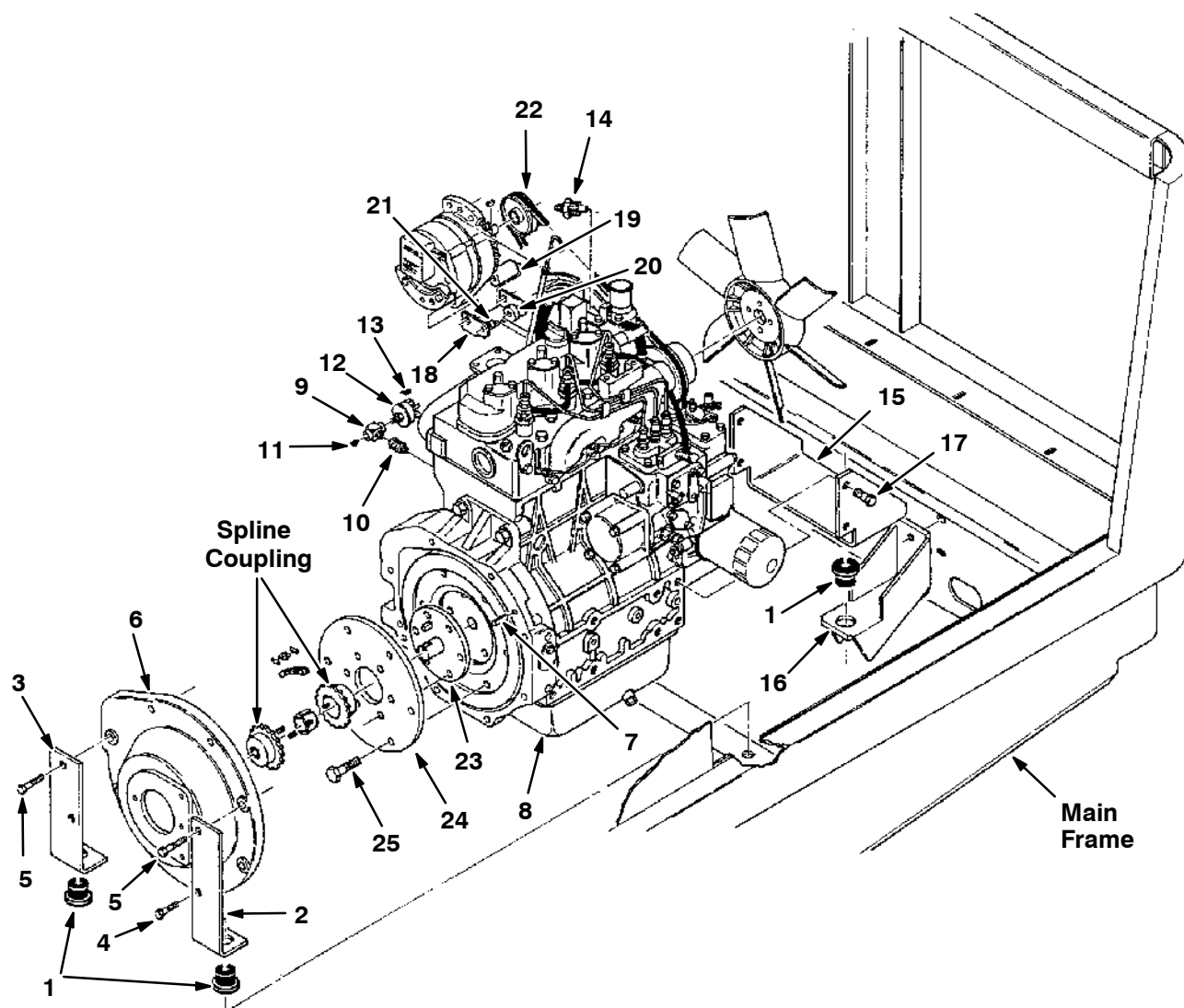
### SI UNITS OF MEASURE (INTERNATIONAL SYSTEM)

Metric equivalents have been included, where applicable, throughout this parts catalog.

### FASTENER STRENGTH IDENTIFICATION

Fasteners required to have high—strength qualities equivalent to SAE Grade 8 are identified throughout this catalog by the description GR 8. Unless identified by this description, all standard fasteners are SAE Grade 5.

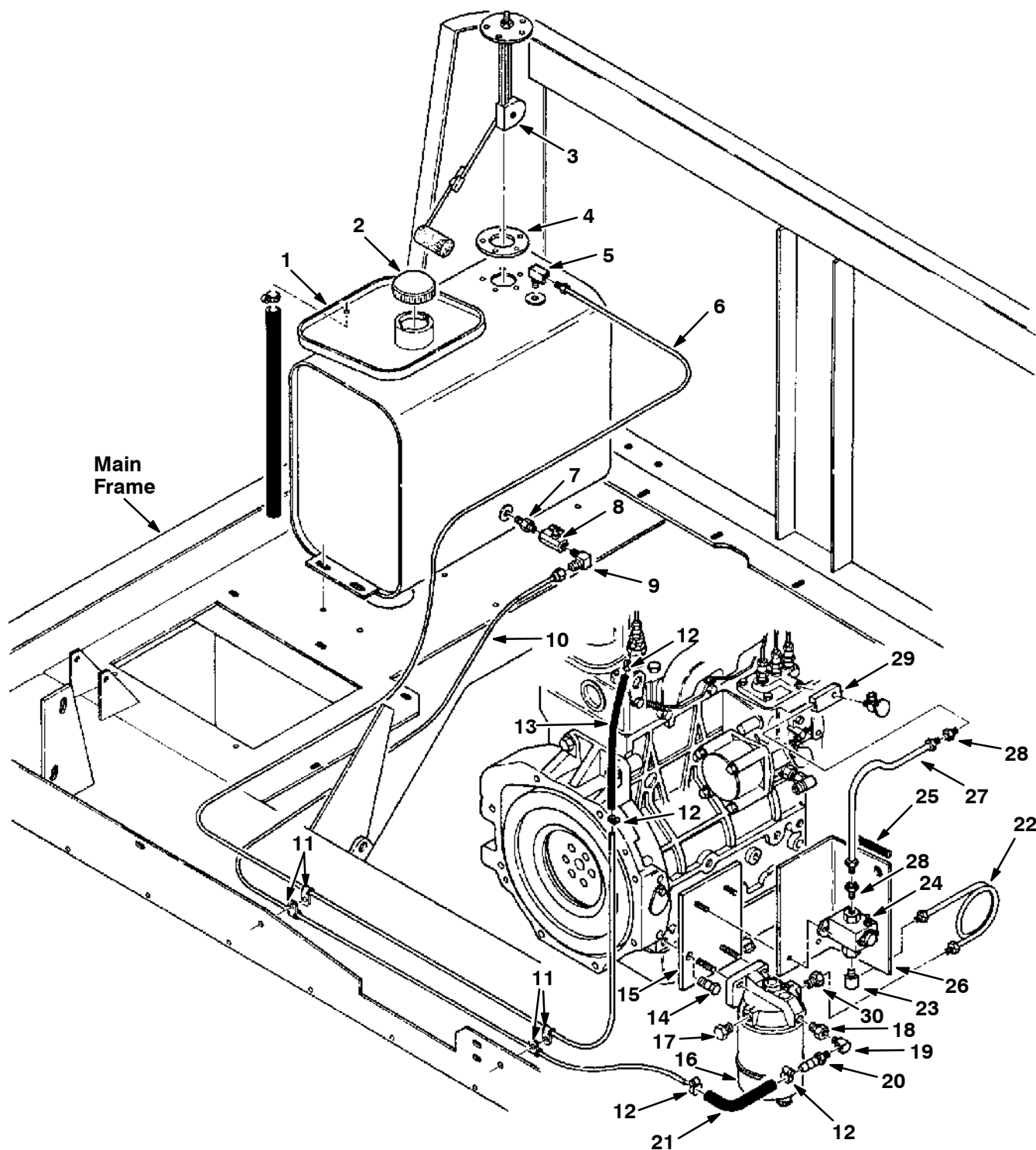
(Specifications and design subject to change without notice.)



**Fig. 1 – Engine Group, Diesel**

Fig. 1 – Engine Group, Diesel

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description               | Qty. |
|-----|----------------------|--------------------------|---------------------------|------|
| 1   | 51176                | (010001 – )              | Dampner, Engine           | 3    |
| 2   | 82567                | (010001 – )              | Bracket, Engine Mounting  | 1    |
| 3   | 82566                | (010001 – )              | Bracket, Engine Mounting  | 1    |
| 4   | 82572                | (010001 – )              | Screw, Hex, M10           | 2    |
| 5   | 82262                | (010001 – )              | Screw, Hex, M10           | 4    |
| 6   | 82557                | (010001 – )              | Housing, Flywheel         | 1    |
| 7   | 82579                | (010001 – )              | Pin, Spring               | 2    |
| 8   | 30366                | (010001 – )              | Engine                    | 1    |
| 9   | 02961                | (010001 – )              | Fitting, Tee              | 1    |
| 10  | 02960                | (010001 – )              | Fitting, Straight         | 1    |
| 11  | 10552                | (010001 – )              | Fitting, Plug             | 1    |
| 12  | 51805                | (010001 – )              | Switch, Oil Pressure      | 1    |
| 13  | 68106                | (010001 – )              | Tab, Terminal             | 3    |
| 14  | 82712                | (010001 – )              | Sending Unit, Temperature | 1    |
| 15  | 82565                | (010001 – )              | Bracket, Engine Mounting  | 1    |
| 16  | 07536                | (010001 – )              | Bracket, Engine Mounting  | 1    |
| 17  | 82573                | (010001 – )              | Screw, Hex, M12           | 4    |
| 18  | 02963                | (010001 – )              | Bracket, Alternator       | 1    |
| 19  | 02964                | (010001 – )              | Tube                      | 1    |
| 20  | 02965                | (010001 – )              | Sleeve                    | 1    |
| 21  | 62797                | (010001 – )              | Sleeve                    | 1    |
| 22  | 24622                | (010001 – )              | V – Belt                  | 1    |
| 23  | 07296                | (010001 – )              | Shaft, Flywheel Adaptor   | 1    |
| 24  | 07298                | (010001 – )              | Ring, Flywheel Adaptor    | 1    |
| 25  | 07299                | (010001 – )              | Screw, Hex, M10           | 6    |

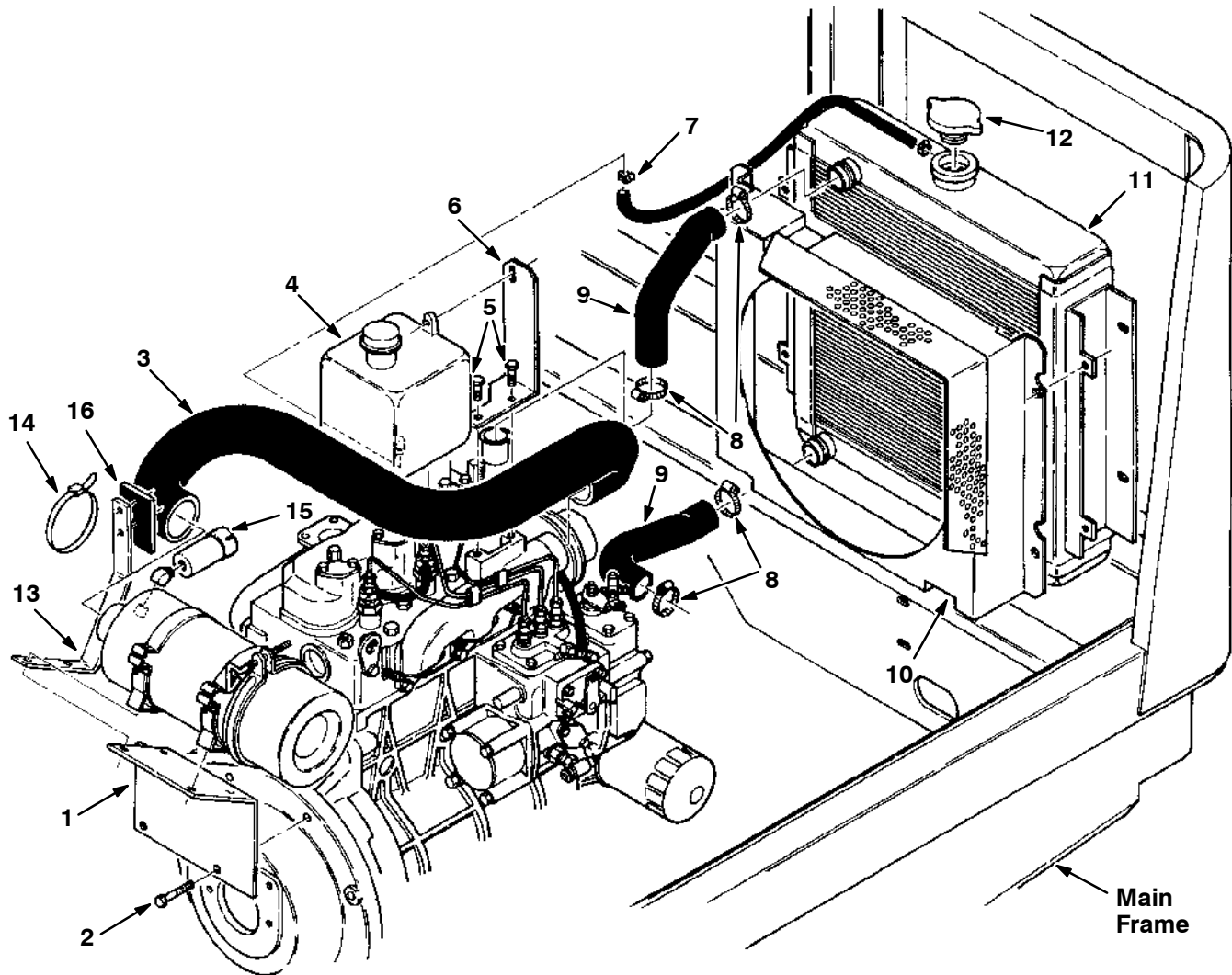


**Fig. 2 – Fuel Tank Group, Diesel**

Fig. 2 – Fuel Tank Group, Diesel

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description                  | Qty. |
|-----|----------------------|--------------------------|------------------------------|------|
| 1   | 82729                | (010001 – )              | Tank, Fuel                   | 1    |
| 2   | 48267                | (010001 – )              | Cap, Fuel Tank               | 1    |
| 3   | 07875                | (010001 – )              | Sending Unit, Fuel Tank      | 1    |
| 4   | 14131                | (010001 – )              | Gasket                       | 1    |
| 5   | 53078                | (010001 – )              | Fitting, Elbow               | 1    |
| 6   | 82650                | (010001 – )              | Tube Assembly, Return Line   | 1    |
| 7   | 47566                | (010001 – )              | Fitting, Straight            | 1    |
| 8   | 08873                | (010001 – )              | Valve, Ball                  | 1    |
| 9   | 06507                | (010001 – )              | Fitting, Elbow               | 1    |
| 10  | 02977                | (010001 – )              | Tube Assembly                | 1    |
| 11  | 46236                | (010001 – )              | Clamp, Cable                 | 4    |
| 12  | 43844                | (010001 – )              | Clamp, Worm Drive            | 4    |
| 13  | 82689                | (010001 – )              | Hose, Rubber                 | 1    |
| 14  | 82573                | (010001 – )              | Screw, Hex, M12              | 2    |
| 15  | 82513                | (010001 – )              | Plate, Fuel Filter Mounting  | 1    |
| 16  | 06868                | (010001 – )              | Filter, Fuel Water Separator | 1    |
|     | 82692                | (010001 – )              | Element, Fuel Filter         | 1    |
| 17  | 02247                | (010001 – )              | Fitting, Plug                | 1    |
| 18  | 17414                | (010001 – )              | Fitting, Straight            | 1    |
| 19  | 24976                | (010001 – )              | Fitting, Elbow, 45°          | 1    |
| 20  | 48253                | (010001 – )              | Fitting, Straight            | 1    |
| 21  | 82686                | (010001 – )              | Hose, Fuel Line              | 1    |
| 22  | 06870                | (010001 – )              | Tube Assembly, Fuel Line     | 1    |
| 23  | 15555                | (010001 – )              | Fitting, Elbow               | 1    |
| 24  | 54230                | (010001 – )              | Pump, Fuel                   | 1    |
| 25  | 50850                | (010001 – )              | Molding, Rigid               | 1    |
| 26  | 82512                | (010001 – )              | Bracket, Fuel Pump Mounting  | 1    |
| 27  | 06871                | (010001 – )              | Tube Assembly, Fuel Line     | 1    |
| 28  | 06869                | (010001 – )              | Fitting, Straight            | 2    |
| 29  | 06907                | (010001 – )              | Banjo, Fuel                  | 1    |
| 30  | 16564                | (010001 – )              | Fitting, Straight            | 1    |





**Fig. 3 – Radiator and Shroud Group, Diesel**

04729

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description                   | Qty. |
|-----|----------------------|--------------------------|-------------------------------|------|
| 1   | 82596                | (010001 – )              | Bracket, Air Cleaner          | 1    |
| 2   | 82572                | (010001 – )              | Screw, Hex, M10               | 2    |
| 3   | 82598                | (010001 – )              | Hose, Air Intake              | 1    |
| 4   | 82694                | (010001 – )              | Tank, Coolant Recovery        | 1    |
| 5   | 16931                | (010001 – )              | Screw, Hex, M8                | 5    |
| 6   | 82696                | (010001 – )              | Bracket, Tank                 | 1    |
| 7   | 43844                | (010001 – )              | Clamp, Worm Drive             | 2    |
| 8   | 11531                | (010001 – )              | Clamp, Worm Drive             | 4    |
| 9   | 03044                | (010001 – )              | Hose, Radiator                | 2    |
| 10  | 82257                | (010001 – )              | Panel, Fan Shroud             | 1    |
| 11  | 82653                | (010001 – )              | Radiator                      | 1    |
| 12  | 82688                | (010001 – )              | Cap, Radiator                 | 1    |
|     | 07674                | (010001 – )              | Cock, Drain                   | 1    |
| 13  | 03020                | (010001 – )              | Support, Air Intake Hose      | 1    |
| 14  | 44961                | (010001 – )              | Tie, Cable                    | 1    |
| 15  | 03026                | (010001 – )              | Indicator, Air Filter Service | 1    |
| 16  | 06913                | (010001 – )              | Pad, Rubber                   | 1    |

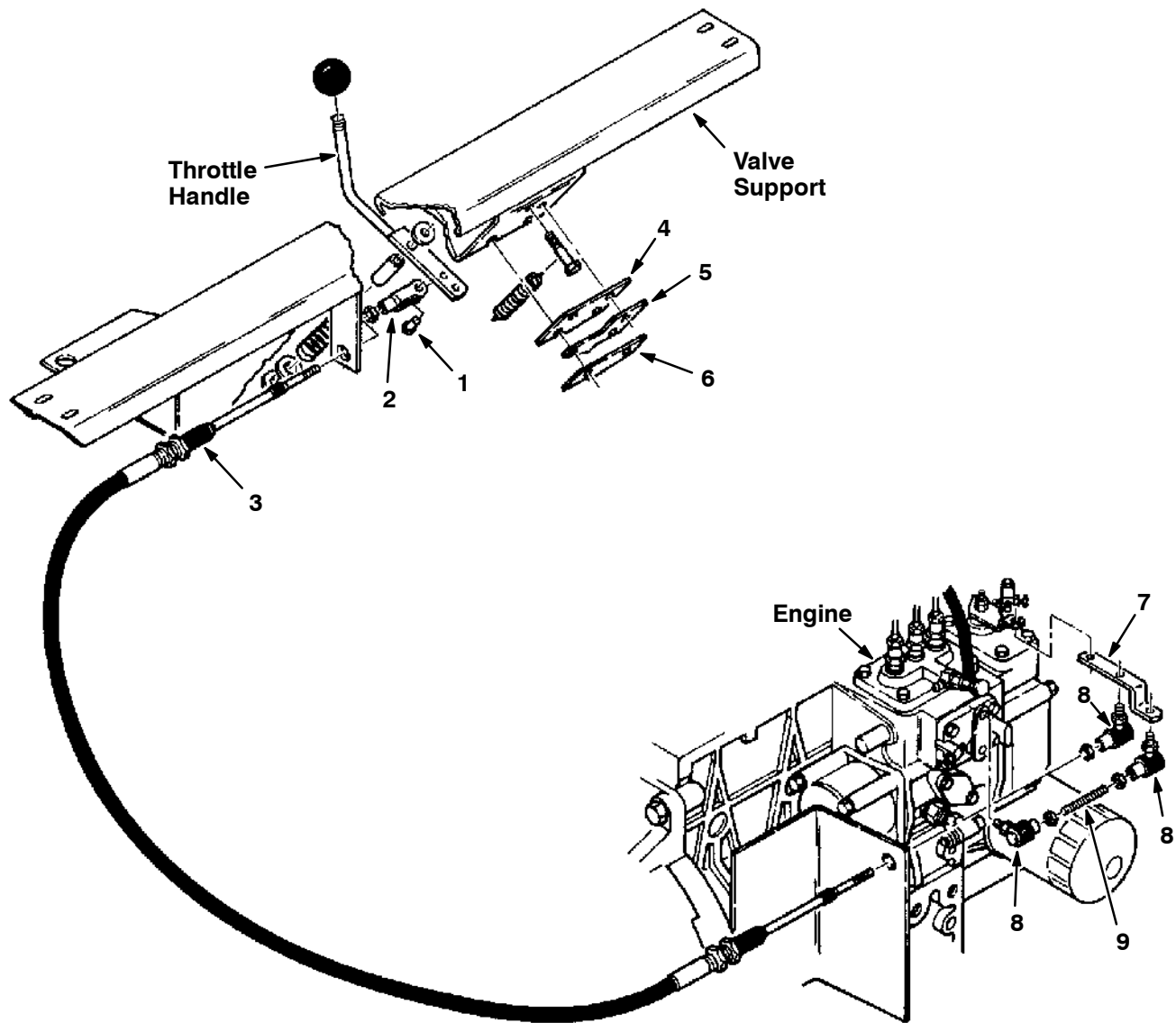
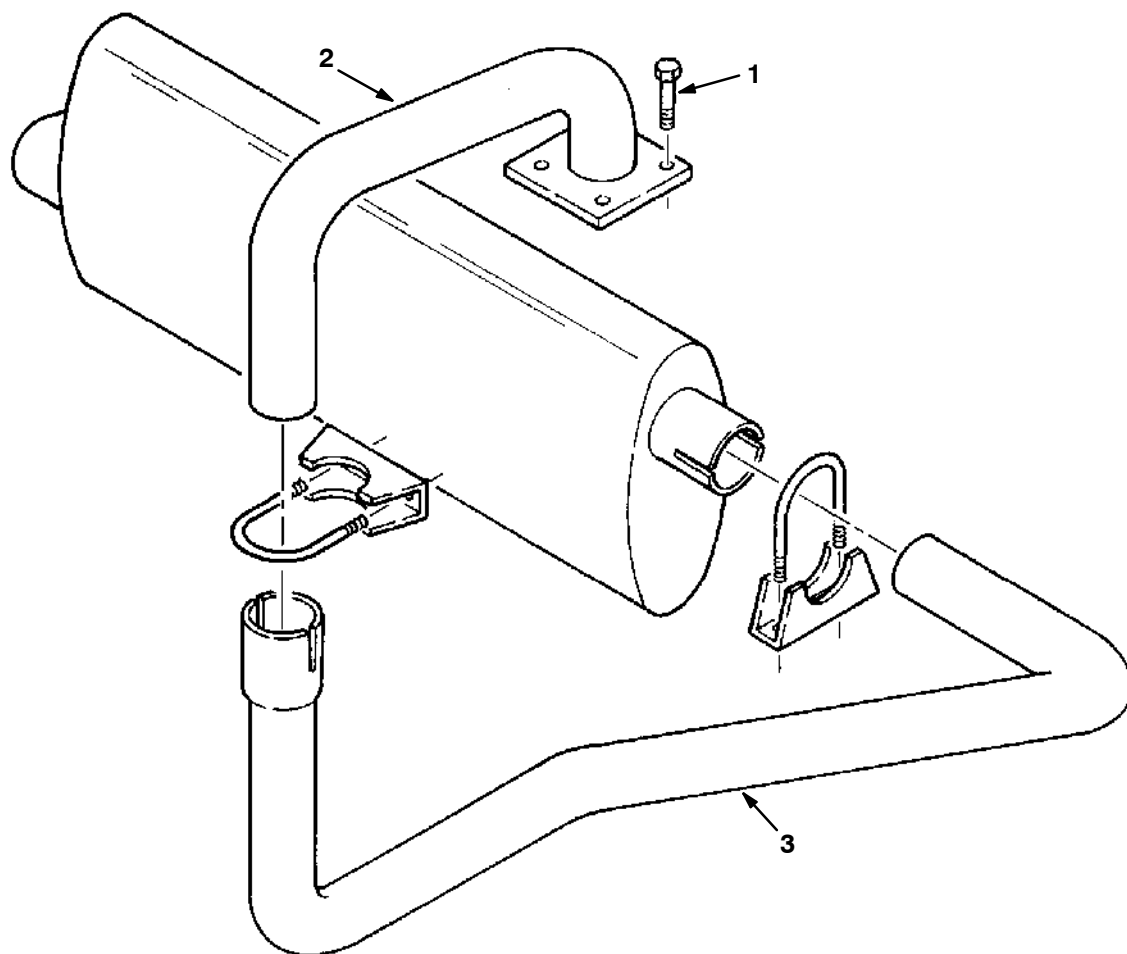


Fig. 4 – Throttle Linkage Group, Diesel

04576

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description               | Qty. |
|-----|----------------------|--------------------------|---------------------------|------|
| 1   | 14605                | (010001– )               | Pin, Clevis               | 1    |
| 2   | 14595–1              | (010001– )               | Clevis, Adjustable        | 1    |
| 3   | 69494–2              | (010001– )               | Cable Assembly, Push Pull | 1    |
| 4   | 82677                | (010001– )               | Plate, Stop               | 1    |
| 5   | 82563                | (010001– )               | Plate, Stop               | 1    |
| 6   | 82564                | (010001– )               | Plate, Stop               | 1    |
| 7   | 82597                | (010001– )               | Link, Throttle            | 1    |
| 8   | 14601                | (010001– )               | Ball Joint                | 3    |
| 9   | 42196                | (010001– )               | Stud                      | 1    |



**Fig. 5 – Muffler Group, Diesel**

04577

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description    | Qty. |
|-----|----------------------|--------------------------|----------------|------|
| 1   | 16931                | (010001 – )              | Screw, Hex, M8 | 4    |
| 2   | 82628                | (010001 – )              | Pipe, Exhaust  | 1    |
| 3   | 82629                | (010001 – )              | Pipe, Exhaust  | 1    |

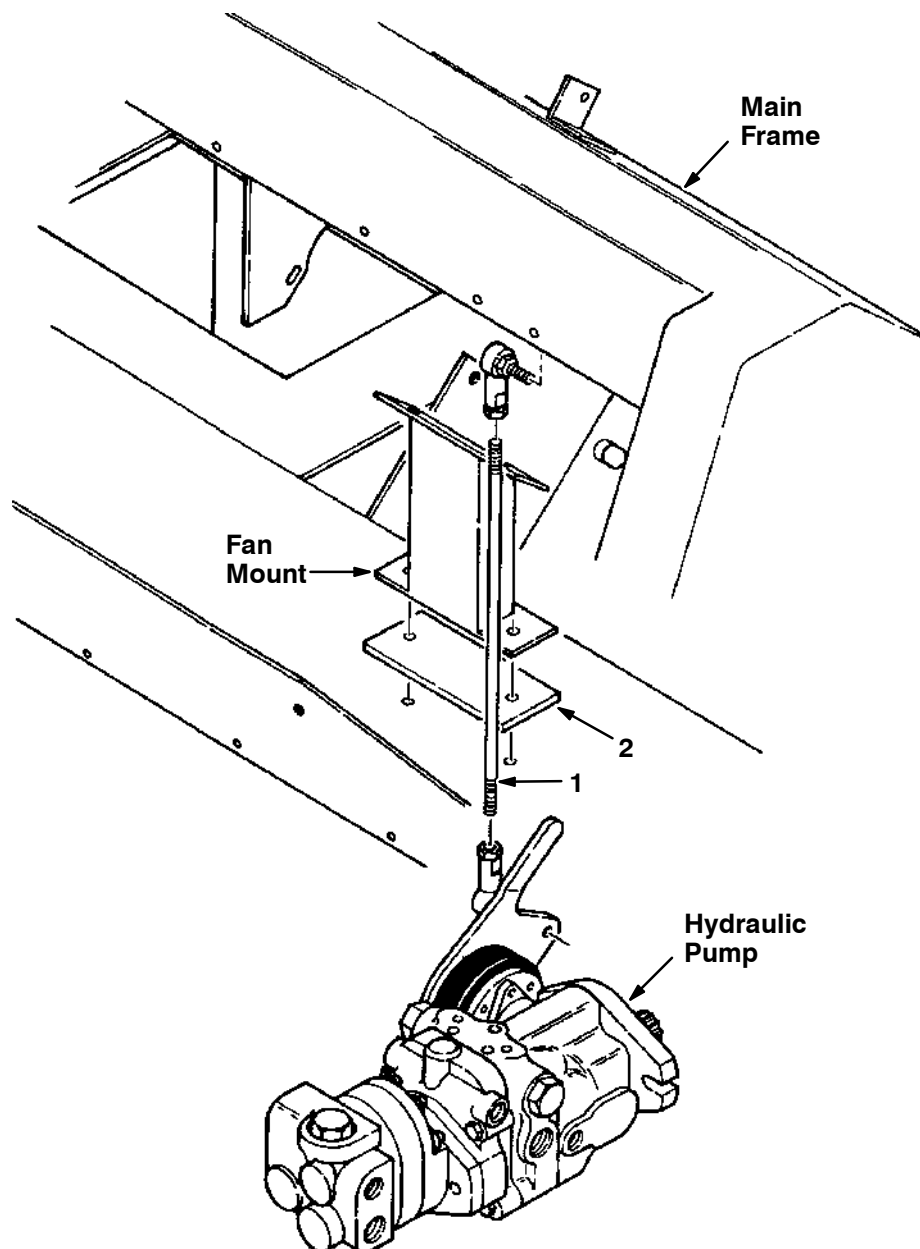


Fig. 6 – Directional Control Group, Diesel

04579

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description        | Qty. |
|-----|----------------------|--------------------------|--------------------|------|
| 1   | 82210                | (010001 – )              | Stud               | 1    |
| 2   | 33796                | (010001 – )              | Spacer, Vacuum Fan | 1    |

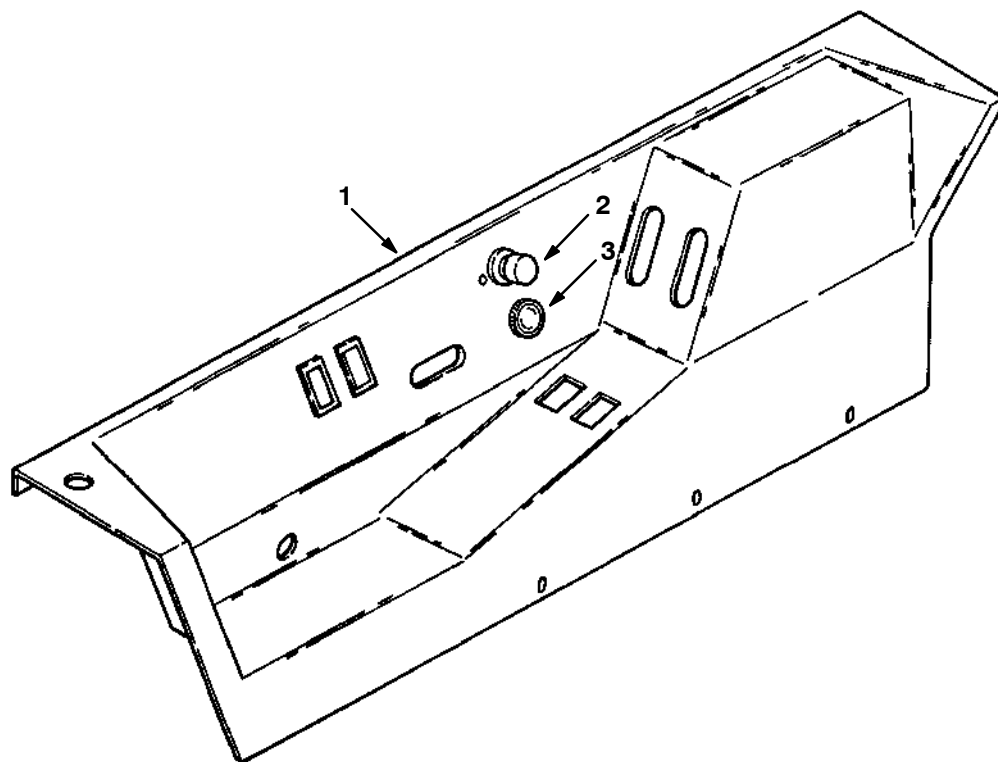


Fig. 7 – Instrument Panel Group, Diesel

04580

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description          | Qty. |
|-----|----------------------|--------------------------|----------------------|------|
| 1   | 07660                | (010001 – )              | Panel, Control       | 1    |
| 2   | 44078                | (010001 – )              | Switch, Push         | 1    |
| 3   | 82715                | (010001 – )              | Indicator, Glow Plug | 1    |

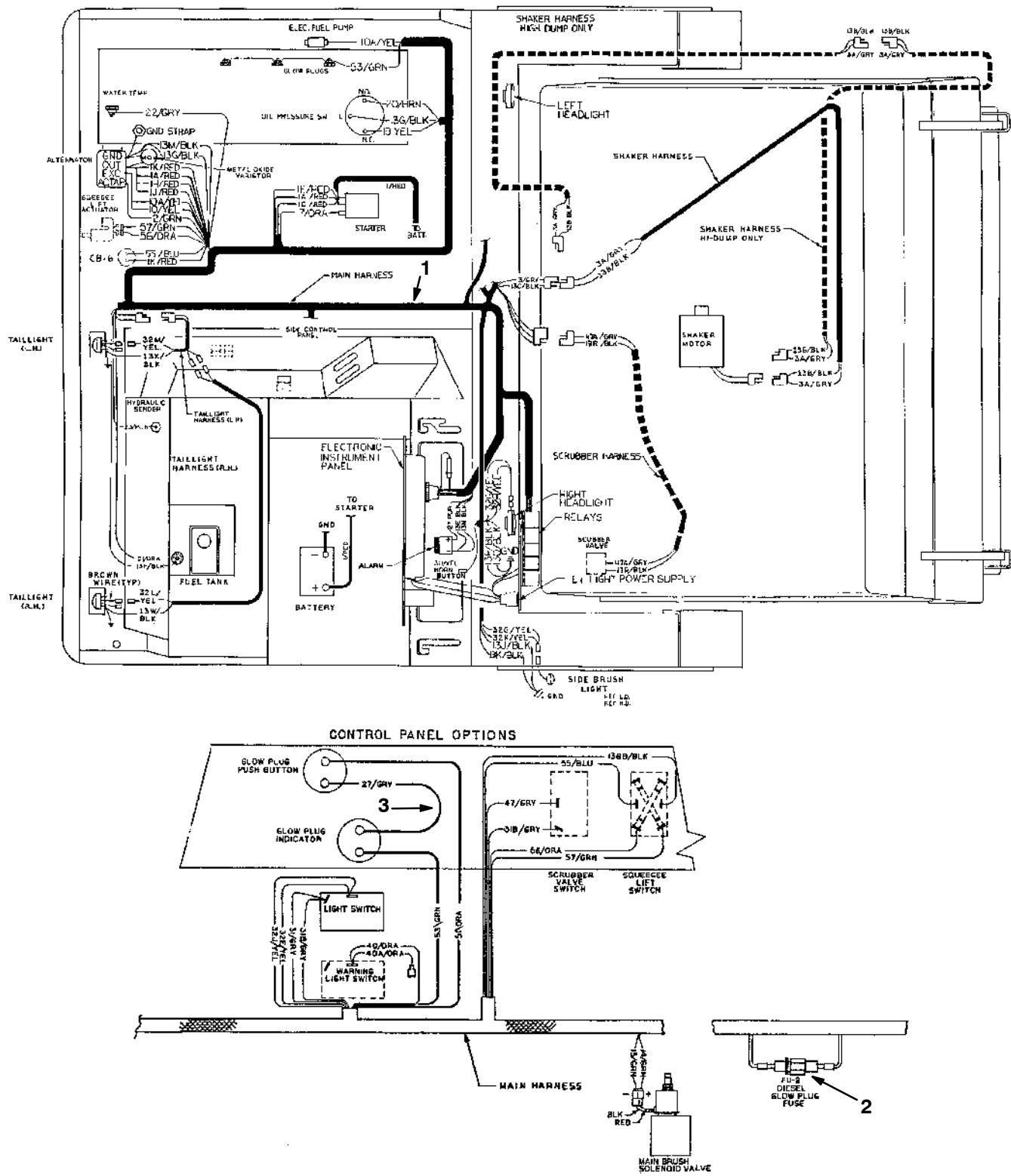
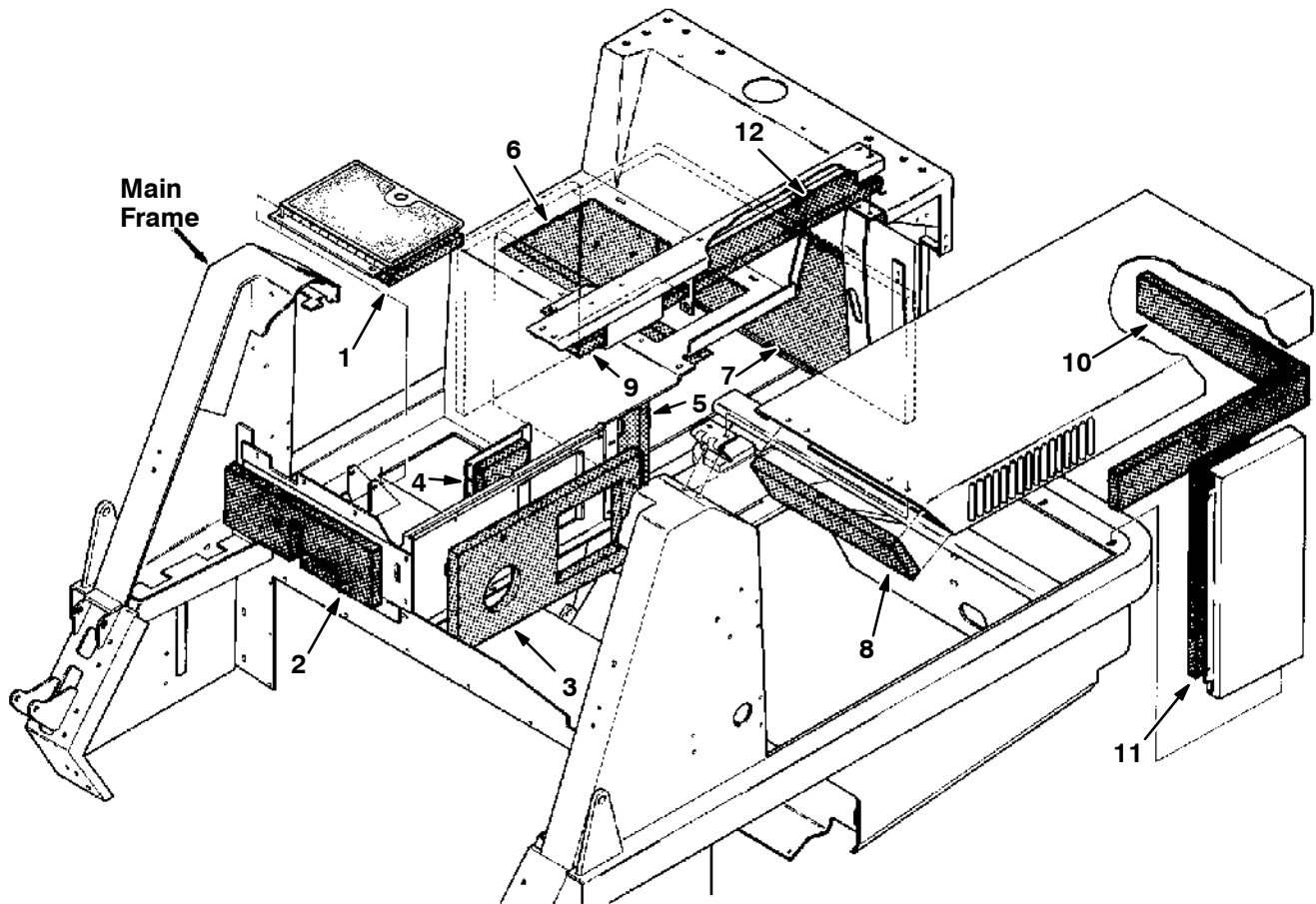


Fig. 8 – Wire Harness Group, Diesel

04497

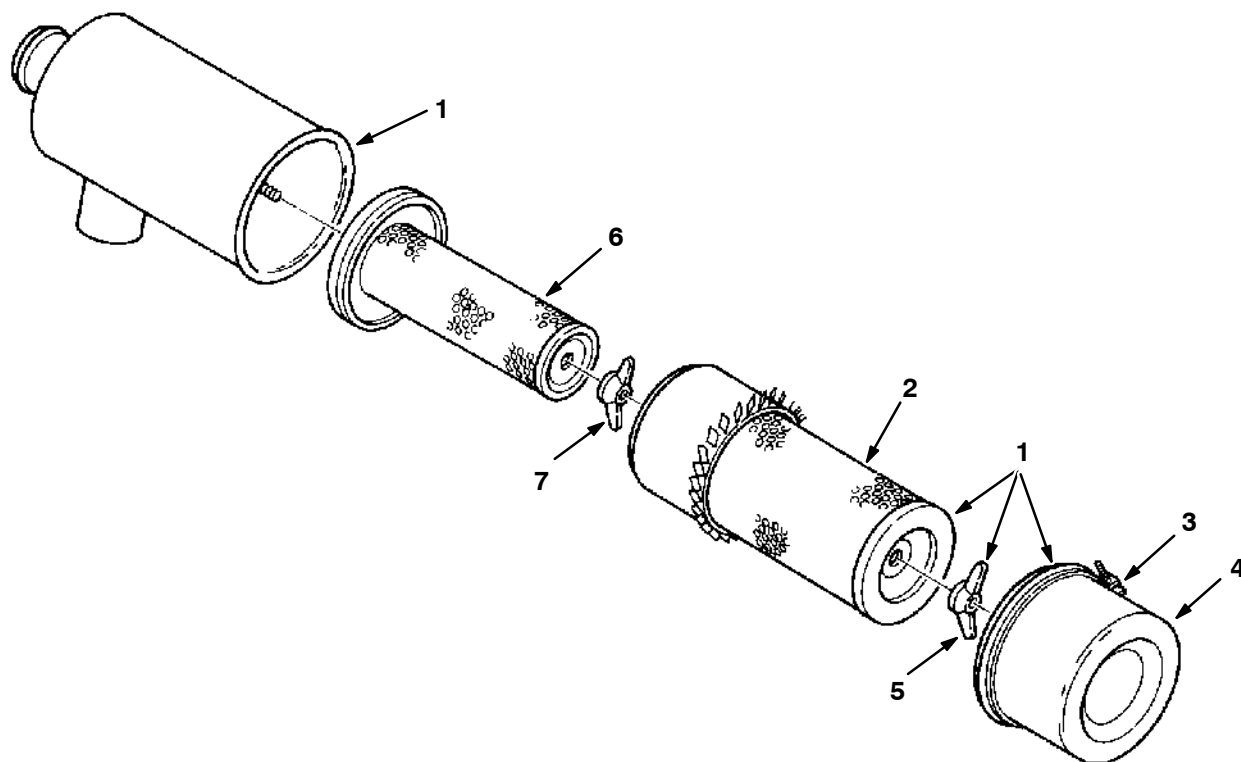
| Key | TENNANT® Part No. | Machine Serial Number | Description                | Qty. |
|-----|-------------------|-----------------------|----------------------------|------|
| 1   | 10885             | (010001 – )           | Wire Harness, Main, Diesel | 1    |
| 2   | 45975             | (010001 – )           | Fuse, 30A                  | 1    |
| 3   | 82716             | (010001 – )           | Wire, Glow Plug Button     | 1    |



**Fig. 9 – Foam Insulation Group, Diesel**

04582

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description      | Qty. |
|-----|----------------------|--------------------------|------------------|------|
| 1   | 03069                | (010001 – )              | Insulation, Foam | 1    |
| 2   | 03071                | (010001 – )              | Insulation, Foam | 1    |
| 3   | 03072                | (010001 – )              | Insulation, Foam | 1    |
| 4   | 03070                | (010001 – )              | Insulation, Foam | 1    |
| 5   | 03067                | (010001 – )              | Insulation, Foam | 1    |
| 6   | 03056                | (010001 – )              | Insulation, Foam | 1    |
| 7   | 03058                | (010001 – )              | Insulation, Foam | 1    |
| 8   | 03053                | (010001 – )              | Insulation, Foam | 1    |
| 9   | 03055                | (010001 – )              | Insulation, Foam | 1    |
| 10  | 03051                | (010001 – )              | Insulation, Foam | 1    |
| 11  | 03068                | (010001 – )              | Insulation, Foam | 1    |
| 12  | 03054                | (010001 – )              | Insulation, Foam | 1    |



04713

Fig. 10 – Air Cleaner Group, Diesel

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description                | Qty. |
|-----|----------------------|--------------------------|----------------------------|------|
| 1   | 58538                | (010001 – )              | Cleaner, Air               | 1    |
| 2   | 58120                | (010001 – )              | Element, Air Filter        | 1    |
| 3   | 02740                | (010001 – )              | Clamp Assembly             | 1    |
| 4   | 02741                | (010001 – )              | Cup Assembly               | 1    |
| 5   | 07562                | (010001 – )              | Wingnut                    | 1    |
| 6   | 58121                | (010001 – )              | Element, Air Filter Safety | 1    |
| 7   | 07562                | (010001 – )              | Wingnut                    | 2    |





## SECTION 7

## CONTENTS

|                                                                           | Page |
|---------------------------------------------------------------------------|------|
| ORDERING REPAIR PARTS .....                                               | 7-3  |
| Fig. 1 – Main Frame Group,<br>Multi-Level Dump .....                      | 7-4  |
| Fig. 2 – Hopper Door Assembly,<br>Multi-Level Dump .....                  | 7-5  |
| Fig. 3 – Hopper Group, Multi-Level<br>Dump .....                          | 7-6  |
| Fig. 4 – Hopper Lift Arms Group,<br>Multi-Level Dump .....                | 7-8  |
| Fig. 5 – Hopper Cover and Filter Carrier<br>Group, Multi-Level Dump ..... | 7-10 |
| Fig. 6 – Hydraulic Lift Cylinder<br>Group, Multi-Level Dump .....         | 7-11 |
| Fig. 7 – Stabilizer Leg Group,<br>Multi-Level Dump .....                  | 7-12 |
| Fig. 8 – Side Brush Group,<br>Multi-Level Dump .....                      | 7-13 |
| Fig. 9 – Main Brush Lift Group,<br>Multi-Level Dump .....                 | 7-14 |
| Fig. 10 – Hydraulic Hoses Group,<br>Multi-Level Dump .....                | 7-15 |
| Fig. 11 – Hydraulic Control Valve<br>Group, Multi-Level Dump .....        | 7-16 |
| Fig. 12 – Wire Harnesses Group,<br>Multi-Level Dump .....                 | 7-17 |
| Fig. 13 – Pressure Switch Group,<br>Multi-Level Dump .....                | 7-18 |

**NOTE:** SECTION 7, MULTI-LEVEL DUMP MODEL PARTS, lists repair parts unique to an multi-level dump model machine.



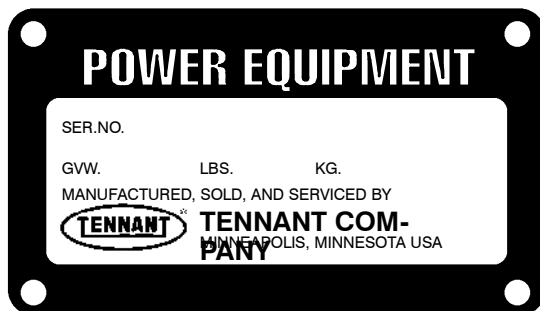
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2. Machine serial number - shown on the machine data plate.
3. Power source - gasoline, LPG, diesel, electric.
4. Company name.
5. Shipping address.
6. Billing address.
7. Name, first and last - of person ordering parts.
8. Telephone number.
9. Purchase order number.
10. Part number, description, and quantity - of each item on the order.

Do not order parts by key number or the figure number of the illustrated parts. Indented items indicate parts of assemblies. Standard hardware is furnished only when part of a purchased assembly. Please get hardware from a local hardware supplier.

If the old part cannot be identified, send it to us with the quantity needed specified on the order.

Any claim for loss or damage to a shipment in transit should be filed promptly against the transportation company making the delivery. Shipments will be complete unless the packing list or order acknowledgement indicate items back ordered.

If parts received are suspected to be incorrect or defective, please write, wire, or phone the Tennant Company representative from whom you ordered the part. They will give authorization for return and/or handle replacement shipments when required.

**SERIAL NUMBER INFORMATION EXPLANATION**

Serial number listings are shown to indicate on which machines each part can be used. These listings are explained by the following examples:

(000000— ) The part can be used on all machines.

(003342— ) The part can be used on all machines beginning with the serial number listed.

(000000—004320) The part can be used on all machines up to and including serial number listed.

(004321—005678) The part can be used on all machines between and including the serial numbers listed.

Where xxxxxx's are listed in place of a serial number, it indicates a change was made but the exact serial number had not been established when the catalog went to press.

**SI UNITS OF MEASURE  
(INTERNATIONAL SYSTEM)**

Metric equivalents have been included, where applicable, throughout this parts catalog.

**FASTENER STRENGTH IDENTIFICATION**

Fasteners required to have high-strength qualities equivalent to SAE Grade 8 are identified throughout this catalog by the description GR 8. Unless identified by this description, all standard fasteners are SAE Grade 5.

(Specifications and design subject to change without notice.)

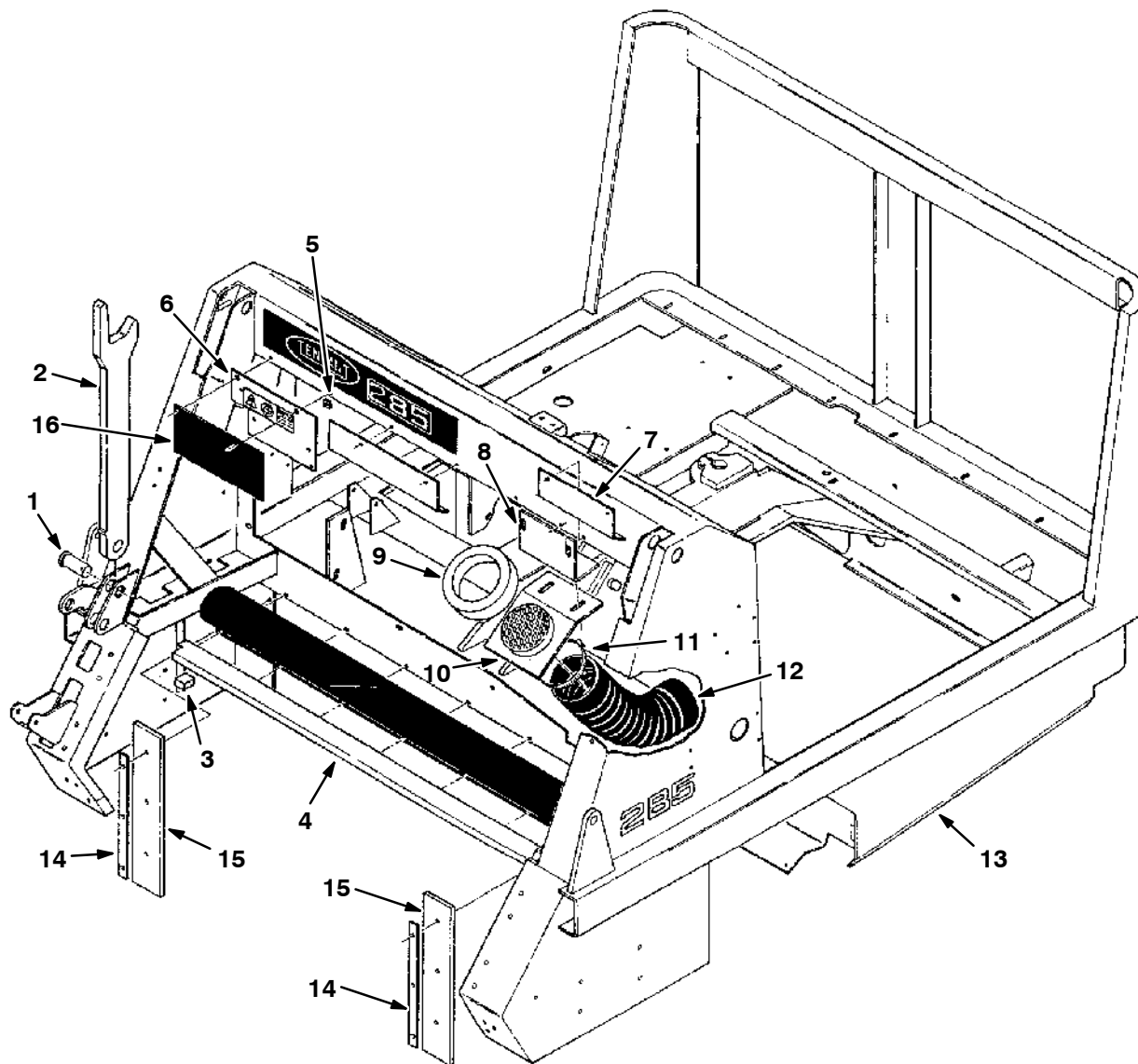
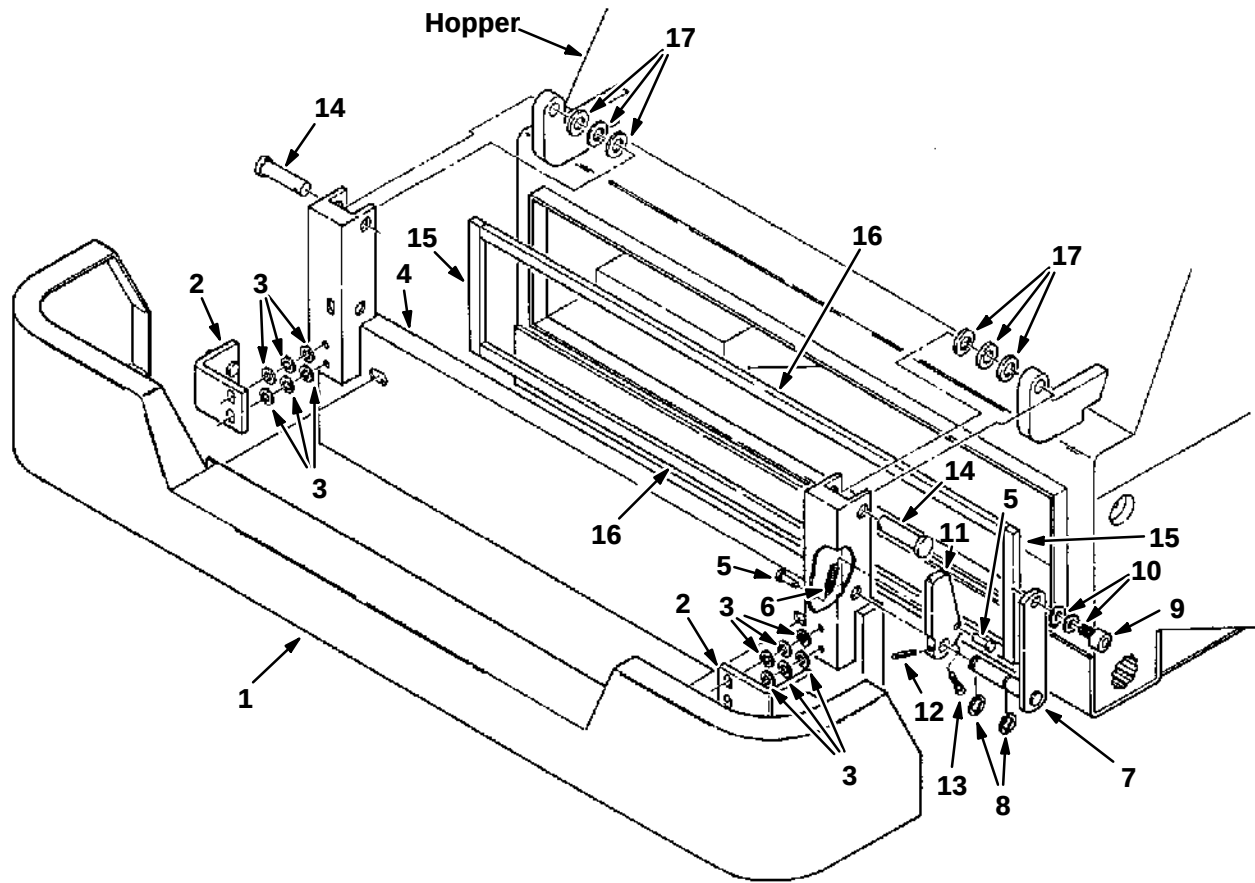


Fig. 1 – Main Frame Group, Multi-Level Dump

04493

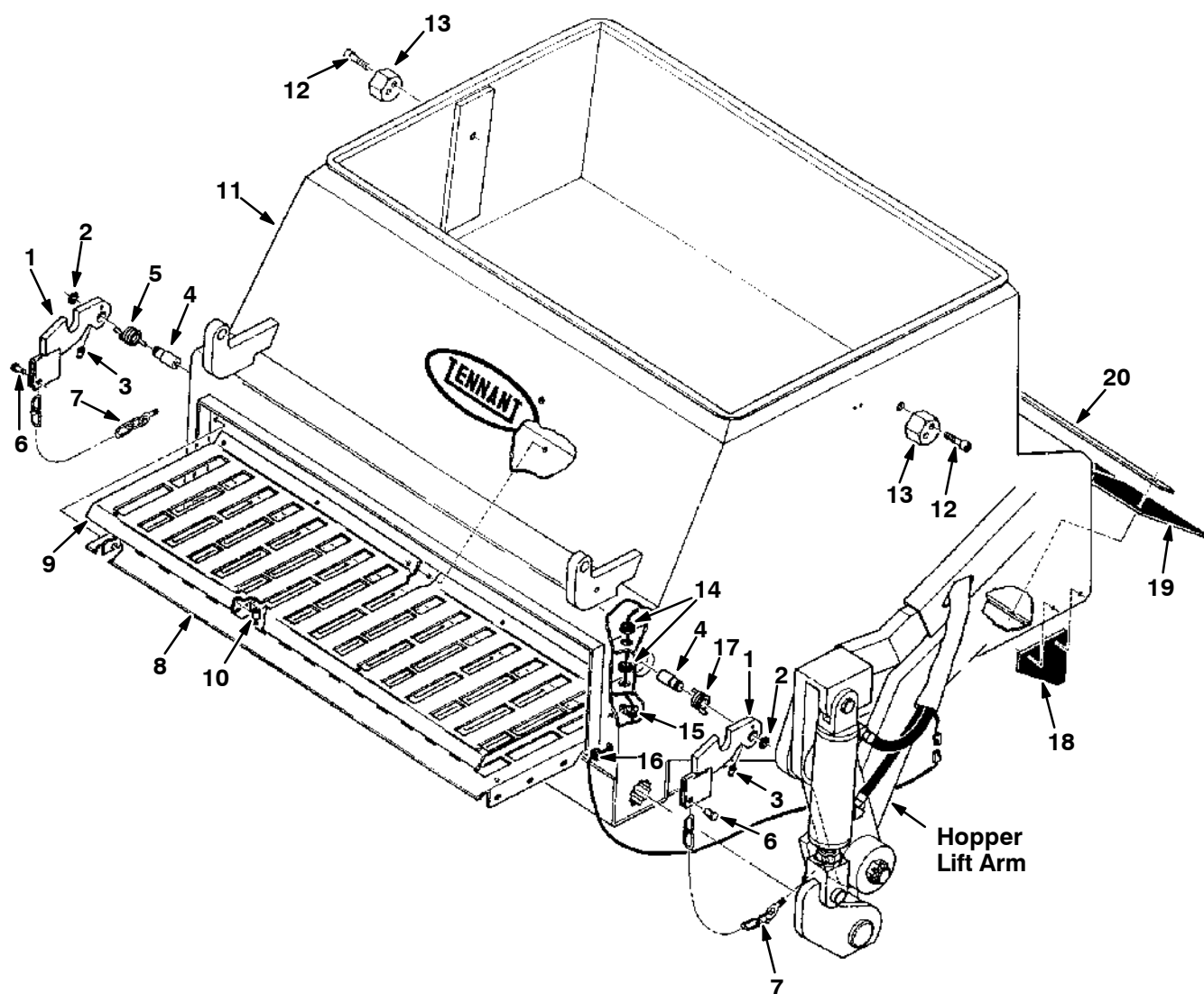
| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description                   | Qty. |
|-----|----------------------|--------------------------|-------------------------------|------|
| 1   | 36994                | (010001- )               | Pin, Clevis                   | 1    |
| 2   | 82193                | (010001- )               | Arm Assembly, Safety          | 1    |
| 3   | 54338-6              | (010001- )               | Seal, Foam Rubber             | 2    |
| 4   | 50446                | (010001- )               | Retainer, Hopper Top Seal     | 1    |
| 5   | 82138                | (010001- )               | Nut, Retainer                 | 1    |
| 6   | 10872                | (010001- )               | Shield, Spray                 | 6    |
| 7   | 82776                | (010001- )               | Shield, Spray                 | 1    |
| 8   | 82394                | (010001- )               | Angle, Vacuum Hose Adjustment | 1    |
| 9   | 82425                | (010001- )               | Seal, Vacuum Fan Inlet        | 1    |
| 10  | 82393                | (010001- )               | Connection, Vacuum Hose       | 1    |
| 11  | 23498                | (010001- )               | Clamp, Worm Drive             | 1    |
| 12  | 51768A               | (010001- )               | Hose                          | 1    |
| 13  | 07485                | (010001-010749)          | Frame, Main                   | 1    |
| 13  | 30346                | (010750- )               | Frame, Main                   | 1    |
| 14  | 23384-2              | (010001- )               | Strip                         | 2    |
| 15  | 23382                | (010001- )               | Seal, Side                    | 6    |
| 16  | 10871                | (010001- )               | Shield, Rubber Splash         | 1    |



**Fig. 2 – Hopper Door Assembly, Multi-Level Dump**

04746

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description           | Qty. |
|-----|----------------------|--------------------------|-----------------------|------|
| 1   | 82496                | (010001- )               | Bumper, Front         | 1    |
| 2   | 36984                | (010001- )               | Bracket, Door Latch   | 2    |
| 3   | 32492                | (010001- )               | Washer                | 12   |
|     | 35669                | (010001- )               | Door Assembly, Hopper | 1    |
| 4   | 35526                | (010001- )               | Door, Hopper          | 1    |
| 5   | 82168                | (010001- )               | Pin, Clevis           | 2    |
| 6   | 28387                | (010001- )               | Spring, Tension       | 1    |
| 7   | 37073                | (010001- )               | Shaft, Pivot          | 1    |
| 8   | 23788-1              | (010001- )               | Ring, Retaining       | 2    |
| 9   | 48930                | (010001- )               | Cam, Follower         | 1    |
| 10  | 32486                | (010001- )               | Washer                | 2    |
| 11  | 37074                | (010001- )               | Brace, Hopper Door    | 1    |
| 12  | 46585                | (010001- )               | Pin, Roll             | 1    |
| 13  | 01681                | (010001- )               | Screw, Socket         | 1    |
| 14  | 04733-3              | (010001- )               | Pin, Clevis           | 2    |
| 15  | 37055                | (010001- )               | Seal, Foam Rubber     | 2    |
| 16  | 37054                | (010001- )               | Seal, Foam Rubber     | 2    |
| 17  | 35540                | (010001- )               | Shim, Washer          | 6    |

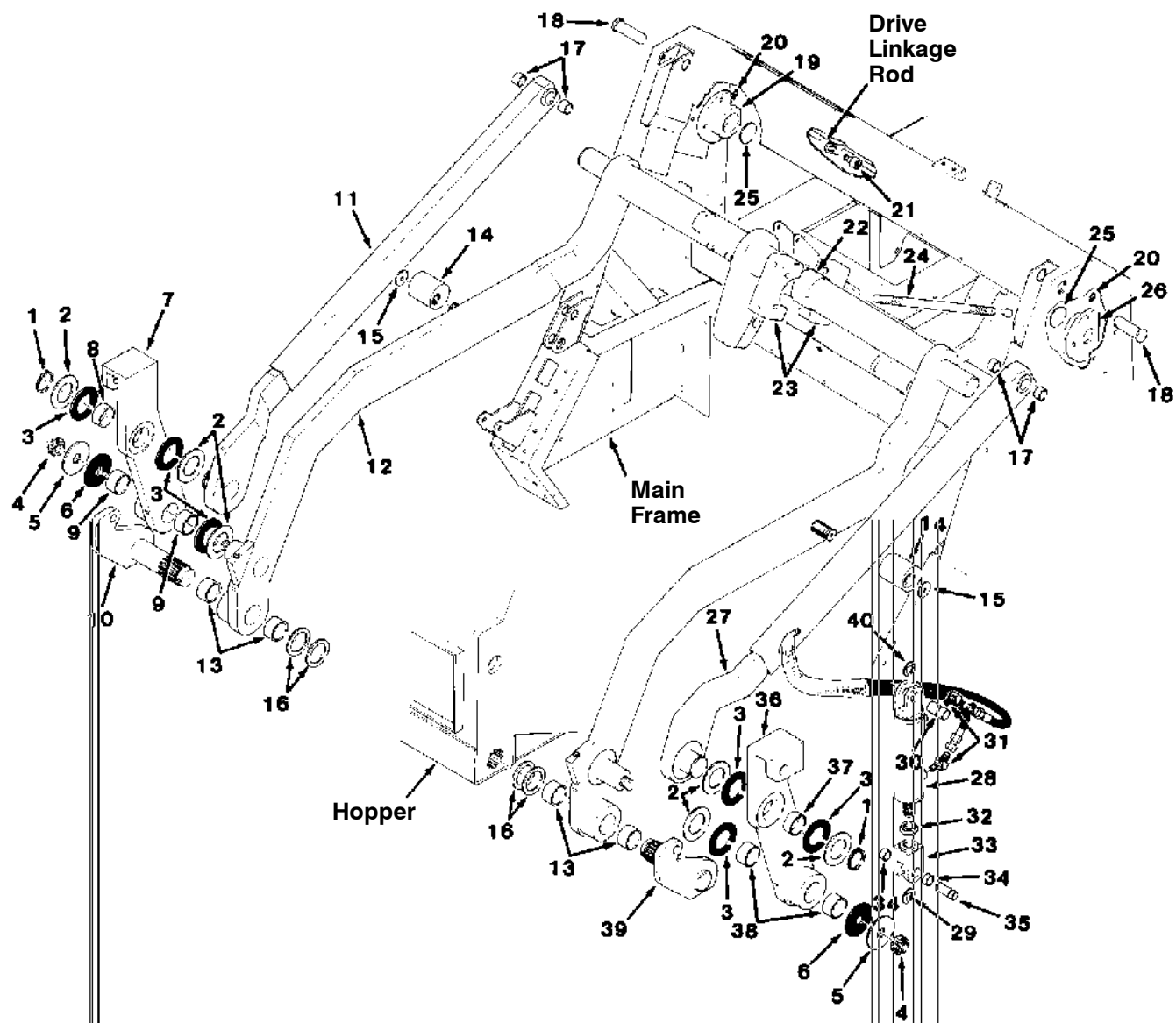


**Fig. 3 – Hopper Group, Multi-Level Dump**

**Fig. 3 – Hopper Group, Multi-Level Dump**

| <b>Key</b> | <b>TENNANT®<br/>Part No.</b> | <b>Machine<br/>Serial Number</b> | <b>Description</b>          | <b>Qty.</b> |
|------------|------------------------------|----------------------------------|-----------------------------|-------------|
| 1          | 82501                        | (010001 – )                      | Latch, Door                 | 2           |
| 2          | 18136                        | (010001 – )                      | Ring, Retaining             | 2           |
| 3          | 07259                        | (010001 – )                      | Fitting, Grease             | 2           |
| 4          | 82500                        | (010001 – )                      | Shaft, Pivot                | 2           |
| 5          | 48928                        | (010001 – )                      | Spring, Torsion, R.H.       | 1           |
| 6          | 10120                        | (010001 – )                      | Pin, Clevis                 | 2           |
| 7          | 32448                        | (010001 – )                      | Chain and Eye Bolt Assembly | 2           |
| 8          | 82476                        | (010001 – )                      | Baffle, Lower               | 1           |
| 9          | 82477                        | (010001 – )                      | Baffle, Upper               | 1           |
| 10         | 82483                        | (010001 – )                      | Tube, Spacer                | 4           |
| 11         | 02668                        | (010001 – )                      | Hopper                      | 1           |
| 12         | 82423                        | (010001 – )                      | Screw, Socket               | 2           |
| 13         | 82421                        | (010001 – )                      | Cam, Positioning            | 2           |
| 14         | 10632-4                      | (010001 – )                      | Grommet, Rubber             | 2           |
| 15         | 26395-2                      | (010001 – )                      | Clamp, Cable                | 1           |
| 16         | 10632-11                     | (010001 – )                      | Grommet, Rubber             | 1           |
| 17         | 48927                        | (010001 – )                      | Spring, Torsion, L.H.       | 1           |
| 18         | 37021                        | (010001 – )                      | Lip, Side                   | 2           |
| 19         | 35607                        | (010001 – )                      | Lip Assembly                | 5           |
| 20         | 53758                        | (010001 – )                      | Strip                       | 1           |

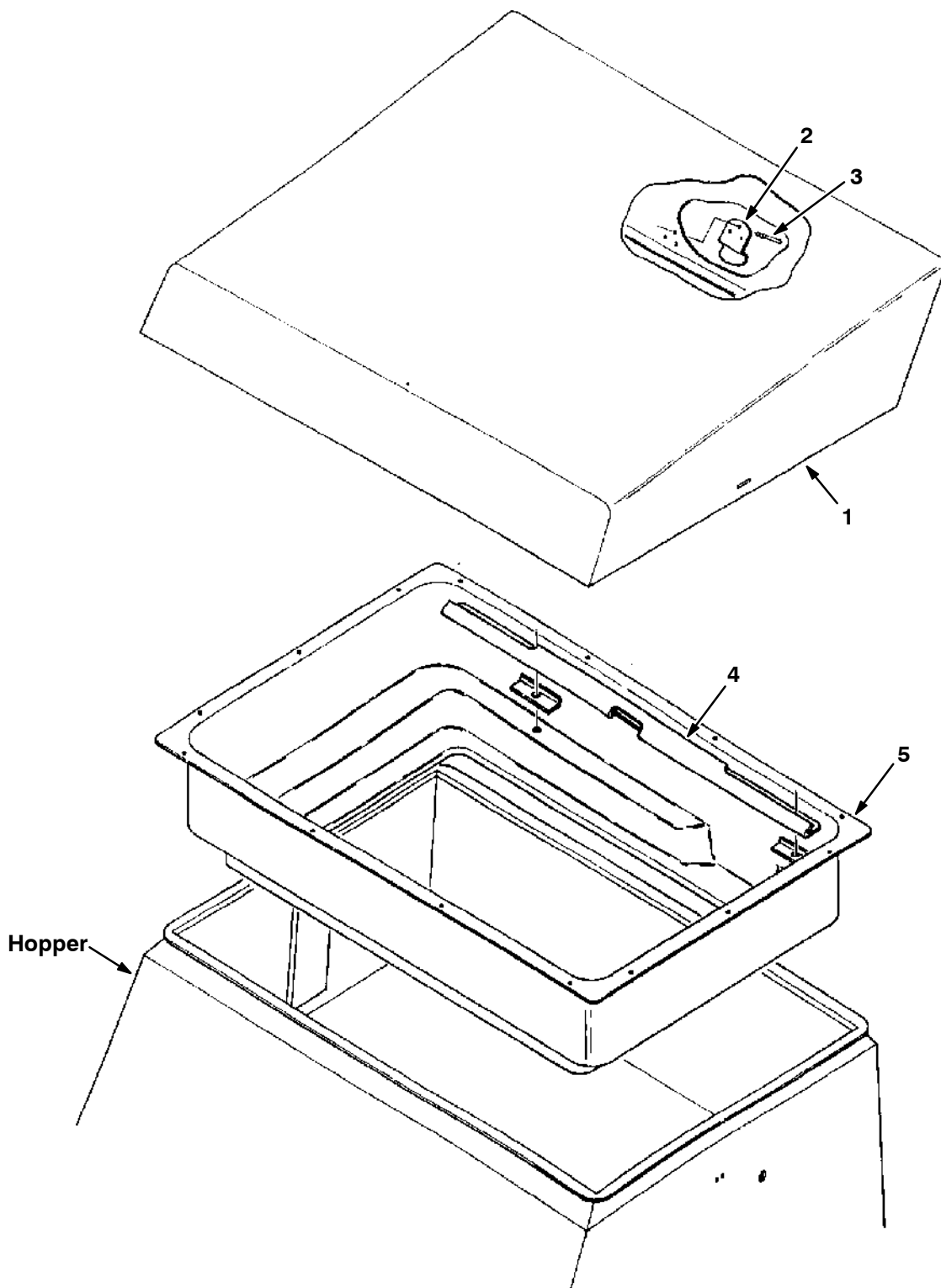




**Fig. 4 – Hopper Lift Arms Group, Multi-Level Dump**

**Fig. 4 – Hopper Lift Arms Group, Multi-Level Dump**

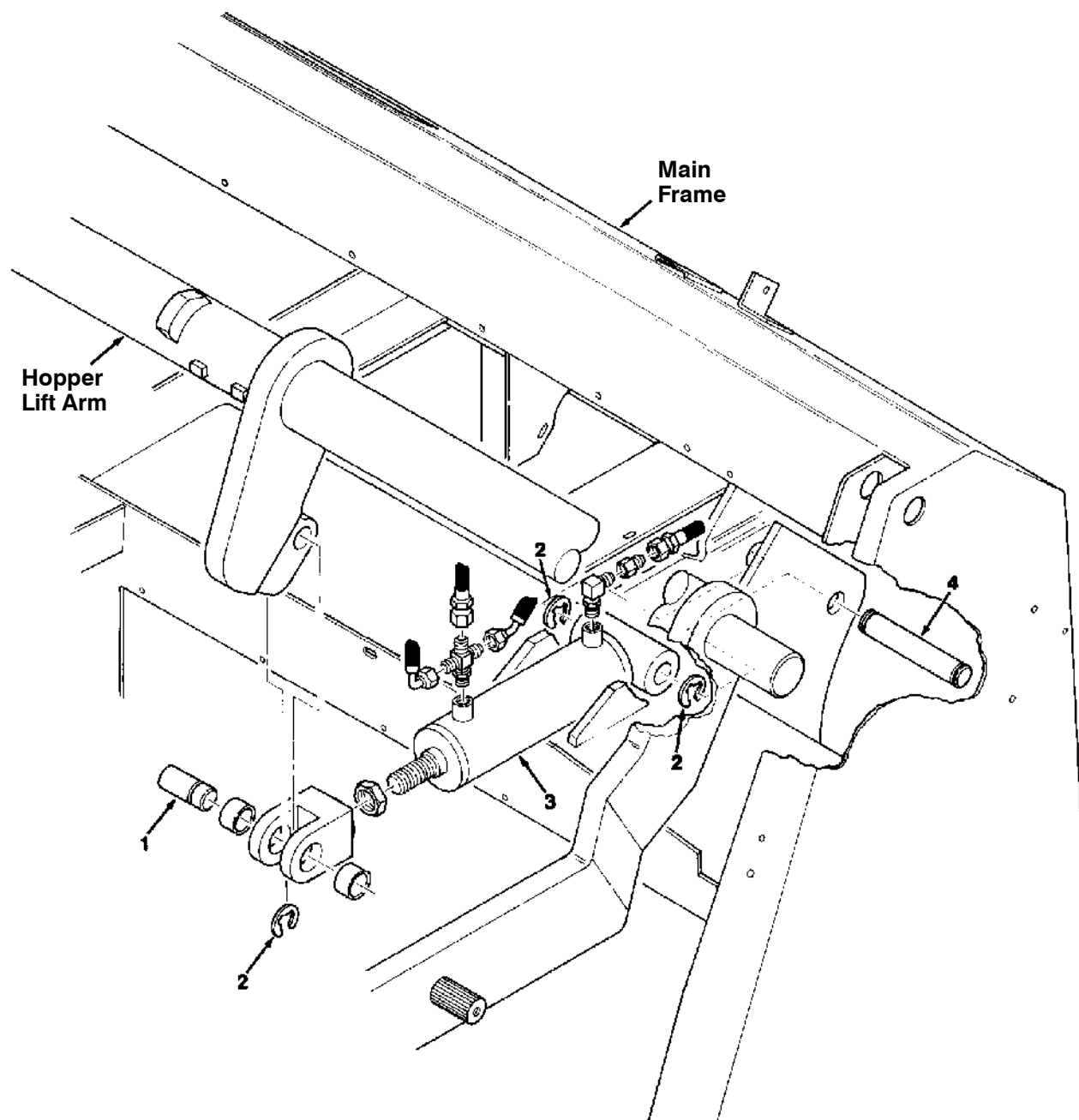
| Key | TENNANT<br>Part No. | Machine<br>Serial Number | Description                                    | Qty. |
|-----|---------------------|--------------------------|------------------------------------------------|------|
| 1   | 35686               | (010001 – )              | Ring, Retaining                                | 2    |
| 2   | 35615               | (010001 – )              | Washer                                         | 6    |
| 3   | 37139               | (010001 – )              | Bearing, Thrust                                | 6    |
| 4   | 14242               | (010001 – )              | Nut, Slotted Hex                               | 2    |
| 5   | 35614               | (010001 – )              | Washer                                         | 2    |
| 6   | 35666               | (010001 – )              | Bearing, Thrust                                | 2    |
| 7   | 35621 – 1           | (010001 – )              | Arm Assembly, Front Pivot, R.H.                | 1    |
| 8   | 35665               | (010001 – )              | Bearing, Journal                               | 1    |
| 9   | 35561               | (010001 – )              | Bearing, Journal                               | 2    |
| 10  | 35640               | (010001 – )              | Shaft, Torque, R.H.                            | 1    |
| 11  | 82610               | (010001 – )              | Arm, Upper, R.H.                               | 1    |
| 12  | 82194               | (010001 – )              | Arm Assembly, Hopper                           | 1    |
| 13  | 35561               | (010001 – )              | Bearing, Journal                               | 4    |
| 14  | 33541               | (010001 – )              | Hub, Splined                                   | 2    |
| 15  | 36996               | (010001 – )              | Washer                                         | 2    |
| 16  | 32125               | (010001 – )              | Washer                                         | 6    |
| 17  | 35688               | (010001 – )              | Bearing, Journal                               | 4    |
| 18  | 34410               | (010001 – )              | Pin, Clevis                                    | 2    |
| 19  | 35631               | (010001 – )              | Bearing, R.H.                                  | 1    |
| 20  | 47801               | (010001 – )              | Fitting, Grease                                | 2    |
| 21  | 48930               | (010001 – )              | Cam, Follower                                  | 1    |
| 22  | 35668               | (010001 – )              | Bearing, Journal                               | 1    |
| 23  | 35630               | (010001 – )              | Bearing                                        | 1    |
| 24  | 35595               | (010001 – )              | Stud                                           | 1    |
| 25  | 23138               | (010001 – )              | Shim                                           | 6    |
| 26  | 35631 – 1           | (010001 – )              | Bearing, L.H.                                  | 1    |
| 27  | 82611               | (010001 – )              | Arm, Upper, L.H.                               | 1    |
| 28  | 04471               | (010001 – )              | Cylinder, Hydraulic (See Hydraulic Components) | 2    |
| 29  | 23788 – 1           | (010001 – )              | Ring, Retaining                                | 2    |
| 30  | 23145               | (010001 – )              | Pin, Clevis                                    | 2    |
| 31  | 34359               | (010001 – )              | Fitting, Elbow, 45°                            | 4    |
| 32  | 48988               | (010001 – )              | Nut, Hex                                       | 2    |
| 33  | 37015               | (010001 – )              | Clevis                                         | 2    |
| 34  | 37014               | (010001 – )              | Bearing, Journal                               | 2    |
| 35  | 37016               | (010001 – )              | Pin, Grooved                                   | 2    |
| 36  | 35620 – 1           | (010001 – )              | Arm Assembly, Front Pivot, L.H.                | 1    |
| 37  | 35665               | (010001 – )              | Bearing, Journal                               | 1    |
| 38  | 35561               | (010001 – )              | Bearing, Journal                               | 2    |
| 39  | 35636               | (010001 – )              | Shaft, Torque, L.H.                            | 1    |
| 40  | 23788               | (010001 – )              | Ring, Retaining                                | 2    |



**Fig. 5 – Hopper Cover and Filter Carrier Group, Multi-Level Dump**

04732

| Key | TENNANT<br>Part No. | Machine<br>Serial Number | Description              | Qty. |
|-----|---------------------|--------------------------|--------------------------|------|
| 1   | 02677               | (010001 – )              | Cover, Hopper and Filter | 1    |
| 2   | 02716               | (010143 – )              | Clip, Cover Retainer     | 1    |
| 3   | 34738               | (010143 – )              | Rivet                    | 3    |
| 4   | 82452               | (010001 – )              | Bracket, Filter Retainer | 1    |
| 5   | 82451               | (010001 – )              | Carrier, Filter          | 1    |

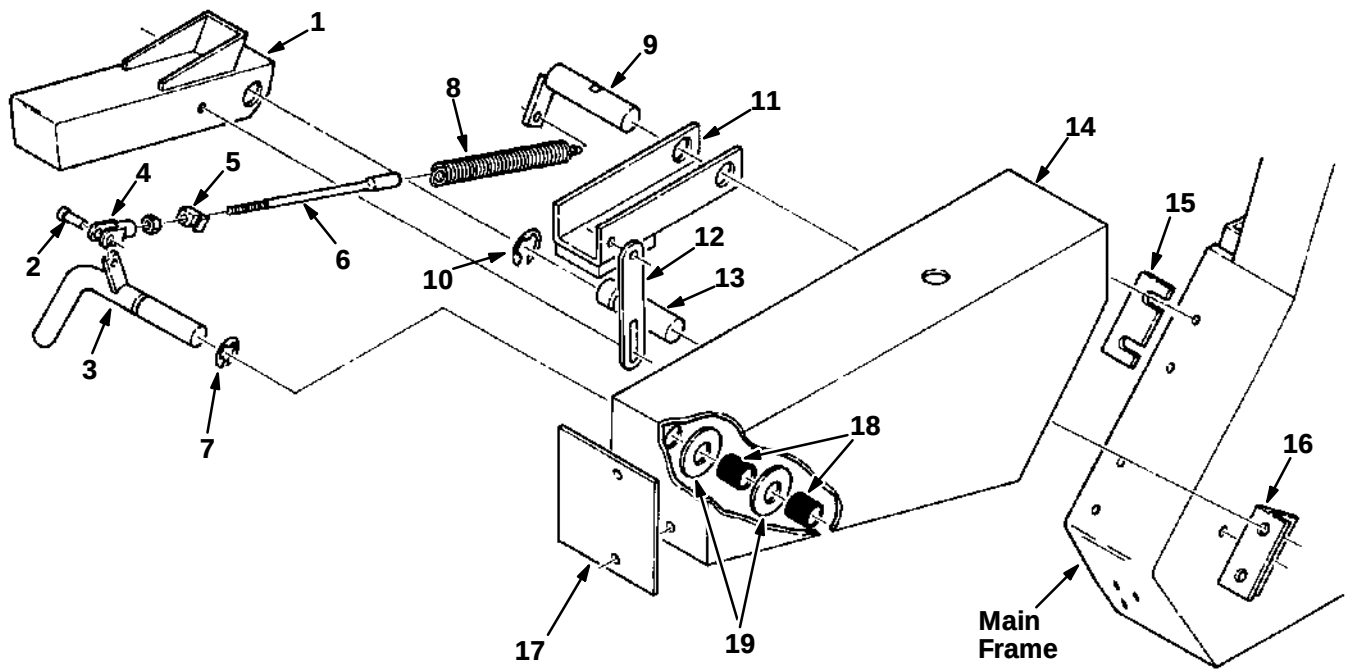


**Fig. 6 – Hydraulic Lift Cylinder Group, Multi-Level Dump**

04594

| Key | TENNANT<br>Part No. | Machine<br>Serial Number | Description                                    | Qty. |
|-----|---------------------|--------------------------|------------------------------------------------|------|
| 1   | 32941               | (010001 – )              | Pin, Grooved                                   | 1    |
| 2   | 23788               | (010001 – )              | Ring, Retaining                                | 3    |
| 3   | 82757               | (010001 – )              | Cylinder, Hydraulic (See Hydraulic Components) | 1    |
| 4   | 35515               | (010001 – )              | Pin, Grooved                                   | 1    |

## MULTI-LEVEL DUMP MODEL PARTS



04596

Fig. 7 -- Stabilizer Leg Group, Multi-Level Dump

| Key | TENNANT<br>Part No. | Machine<br>Serial Number | Description            | Qty. |
|-----|---------------------|--------------------------|------------------------|------|
| 1   | 35591               | (010001- )               | Leg, Safety            | 1    |
| 2   | 51727               | (010001- )               | Pin, Clevis            | 1    |
| 3   | 33568               | (010001- )               | Lever, Stabilizer Leg  | 1    |
| 4   | 14595-1             | (010001- )               | Clevis, Adjustable     | 1    |
| 5   | 33565               | (010001- )               | Lug, Spring Adjustment | 1    |
| 6   | 33563               | (010001- )               | Rod, Spring Adjustment | 1    |
| 7   | 23788-1             | (010001- )               | Ring, Retaining        | 1    |
| 8   | 33523               | (010001- )               | Spring, Tension        | 1    |
| 9   | 33763               | (010001- )               | Shaft, Safety Leg Stop | 1    |
| 10  | 23788               | (010001- )               | Ring, Retaining        | 1    |
| 11  | 35533               | (010001- )               | Support, Safety Leg    | 1    |
| 12  | 35527               | (010001- )               | Link                   | 1    |
| 13  | 36972               | (010001- )               | Pin, Grooved           | 1    |
| 14  | 32282               | (010001- )               | Bumper, L.H.           | 1    |
| 15  | 14895               | (010001- )               | Shim                   | 1    |
| 16  | 82189               | (010001- )               | Bracket, L             | 1    |
| 17  | 48951-1             | (010001- )               | Plate, End             | 4    |
| 18  | 36663               | (010001- )               | Sleeve, Rubber         | 2    |
| 19  | 32495               | (010001- )               | Washer                 | 2    |

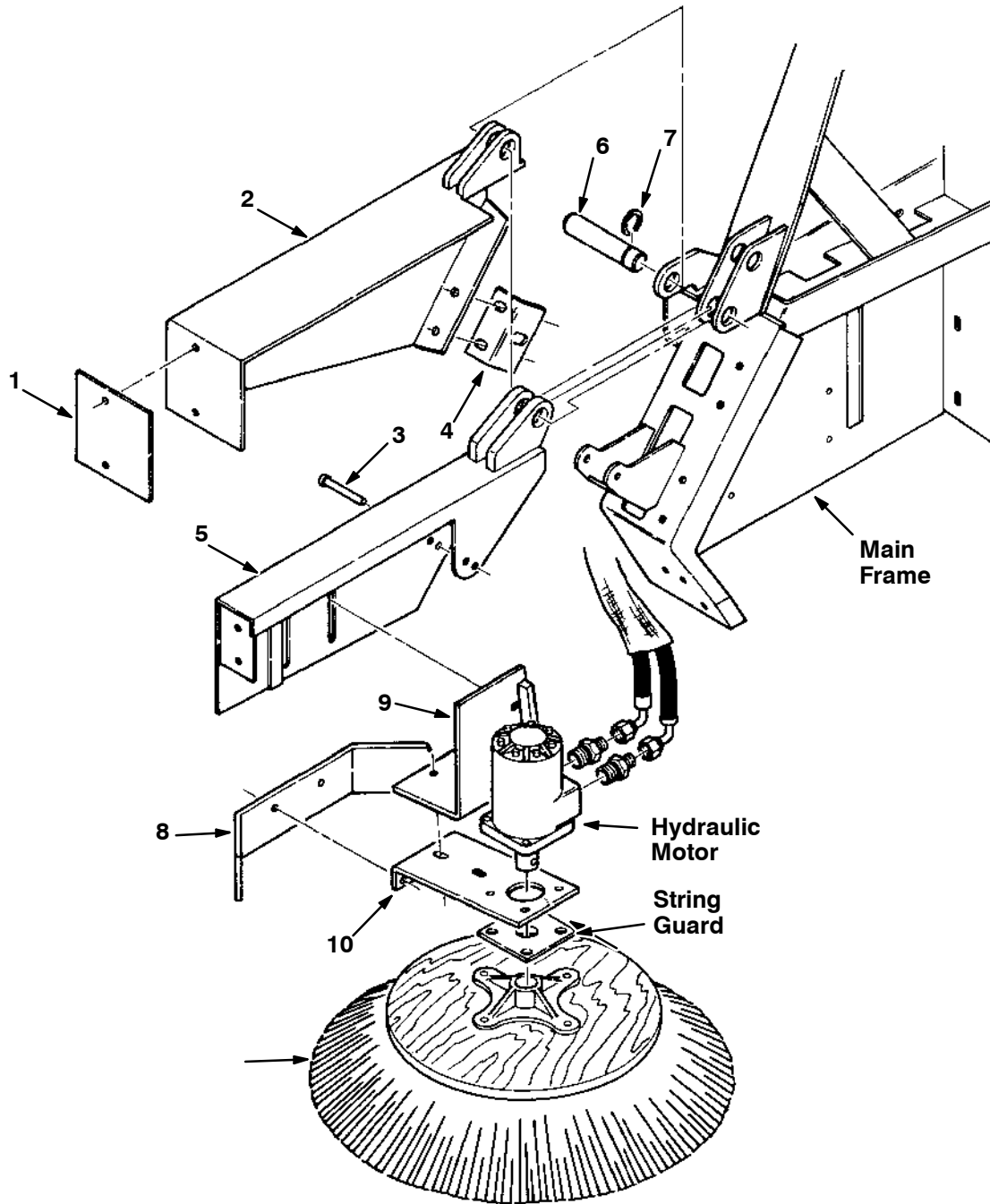


Fig. 8 – Side Brush Group, Multi-Level Dump

04600

| Key | TENNANT<br>Part No. | Machine<br>Serial Number | Description             | Qty. |
|-----|---------------------|--------------------------|-------------------------|------|
| 1   | 48951-1             | (010001- )               | Plate, End              | 1    |
| 2   | 36958               | (010001- )               | Bumper, R.H.            | 1    |
| 3   | 23191               | (010001- )               | Pin, Clevis             | 1    |
| 4   | 82189               | (010001- )               | Bracket, L              | 1    |
| 5   | 55662               | (010001- )               | Arm, Brush              | 1    |
| 6   | 36993               | (010001- )               | Pin, Grooved            | 1    |
| 7   | 23788               | (010001- )               | Ring, Retaining, E      | 1    |
| 8   | 82273               | (010001- )               | Bumper, Side Brush      | 1    |
| 9   | 02482               | (010001- )               | Bracket, Bumper         | 1    |
| 10  | 82272               | (010001- )               | Bracket, Motor Mounting | 1    |

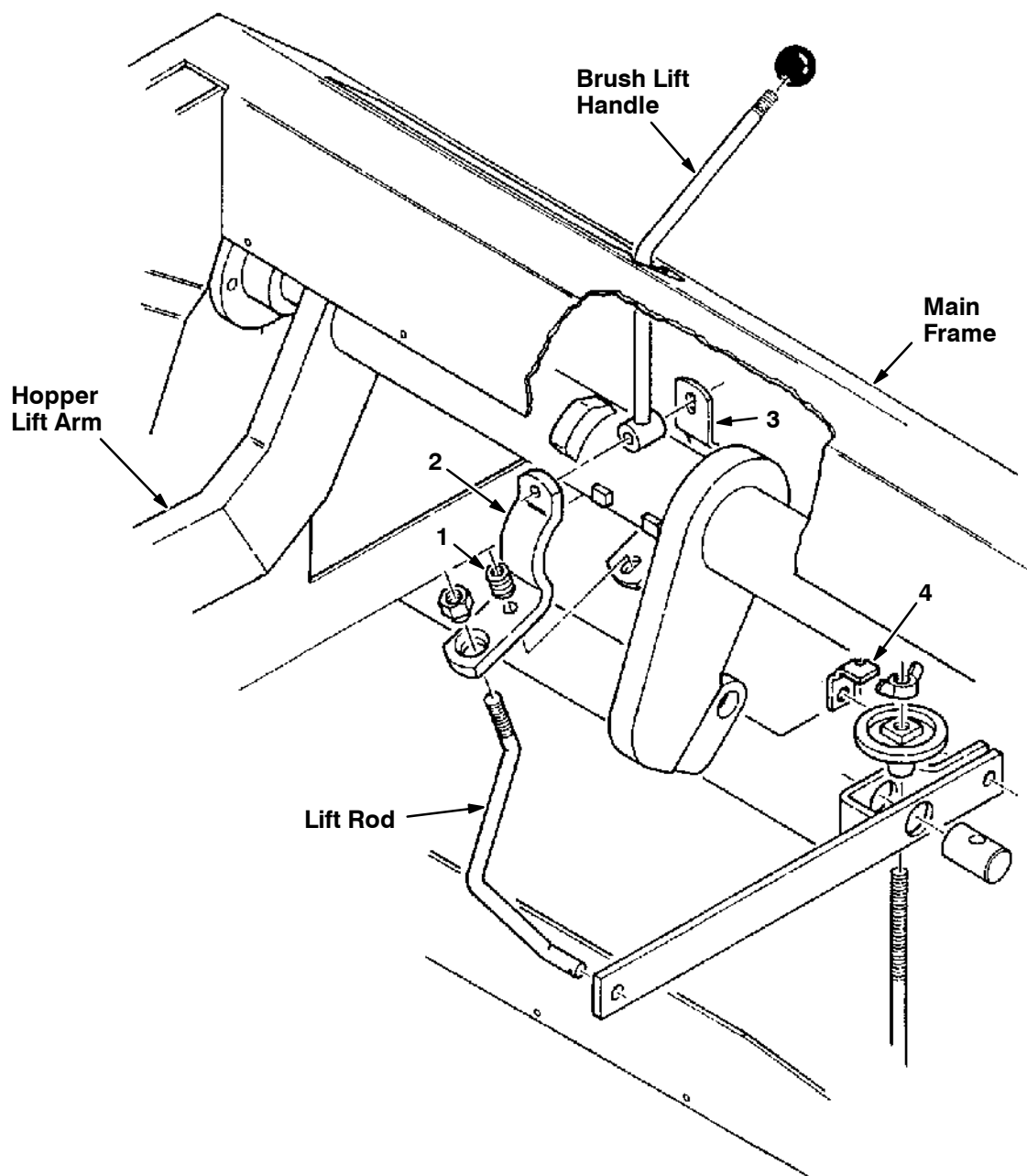


Fig. 9 – Main Brush Lift Group, Multi-Level Dump

05669

| Key | TENNANT<br>Part No. | Machine<br>Serial Number | Description         | Qty. |
|-----|---------------------|--------------------------|---------------------|------|
| 1   | 14174               | (010001 – )              | Spring, Compression | 1    |
| 2   | 53907               | (010001 – )              | Lever, Lift Handle  | 1    |
| 3   | 53899               | (010001 – )              | Clip, Lift Handle   | 1    |
| 4   | 35593               | (010001 – )              | Bracket, Cable      | 1    |

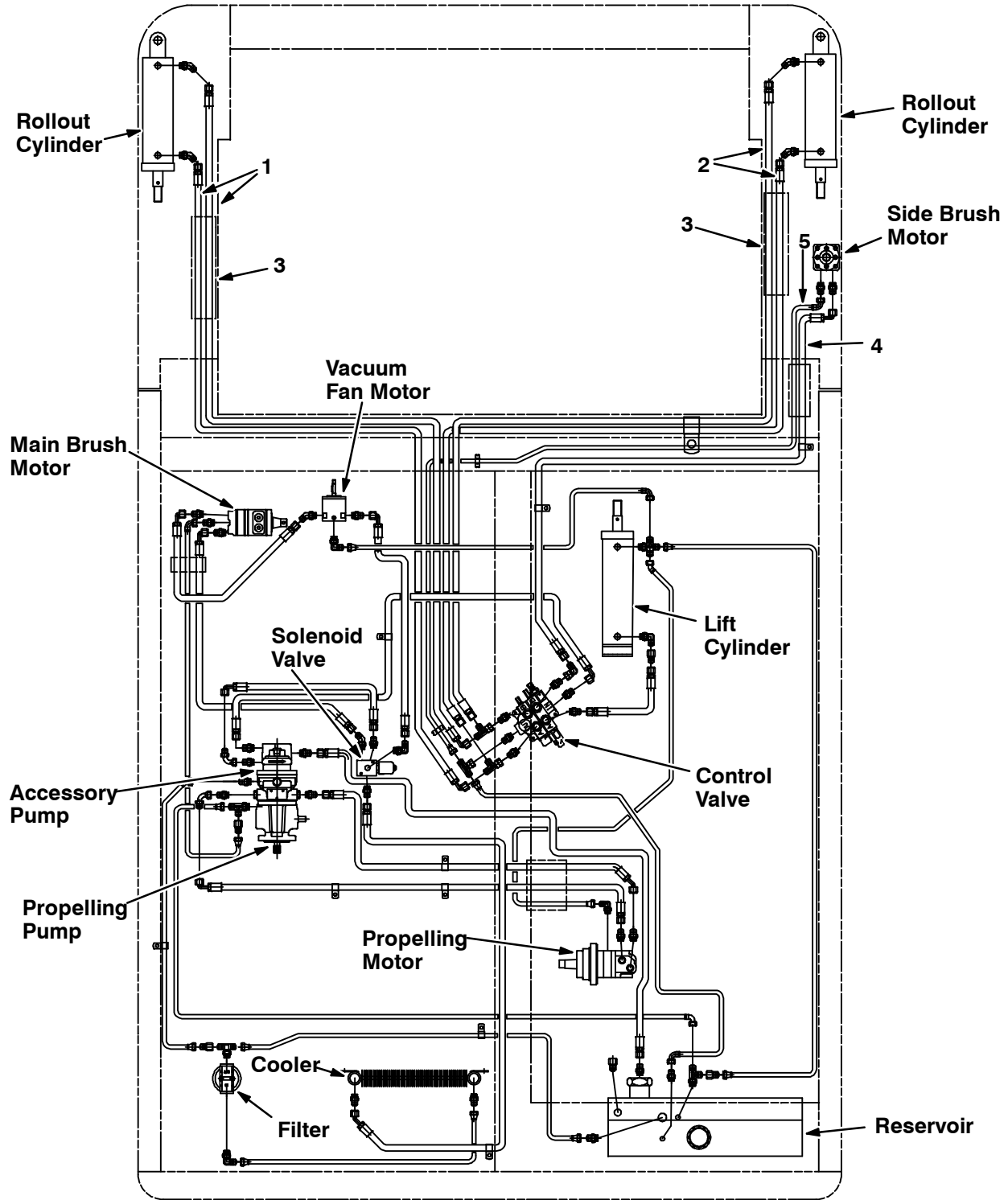


Fig. 10 – Hydraulic Hoses Group, Multi-Level Dump

04605

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description     | Qty. |
|-----|----------------------|--------------------------|-----------------|------|
| 1   | 82817                | (010001 – )              | Hose, Hydraulic | 2    |
| 2   | 82815                | (010001 – )              | Hose, Hydraulic | 2    |
| 3   | 82834                | (010001 – )              | Sleeve, Nylon   | 2    |
| 4   | 82816                | (010001 – )              | Hose, Hydraulic | 1    |
| 5   | 82808                | (010001 – )              | Hose, Hydraulic | 1    |



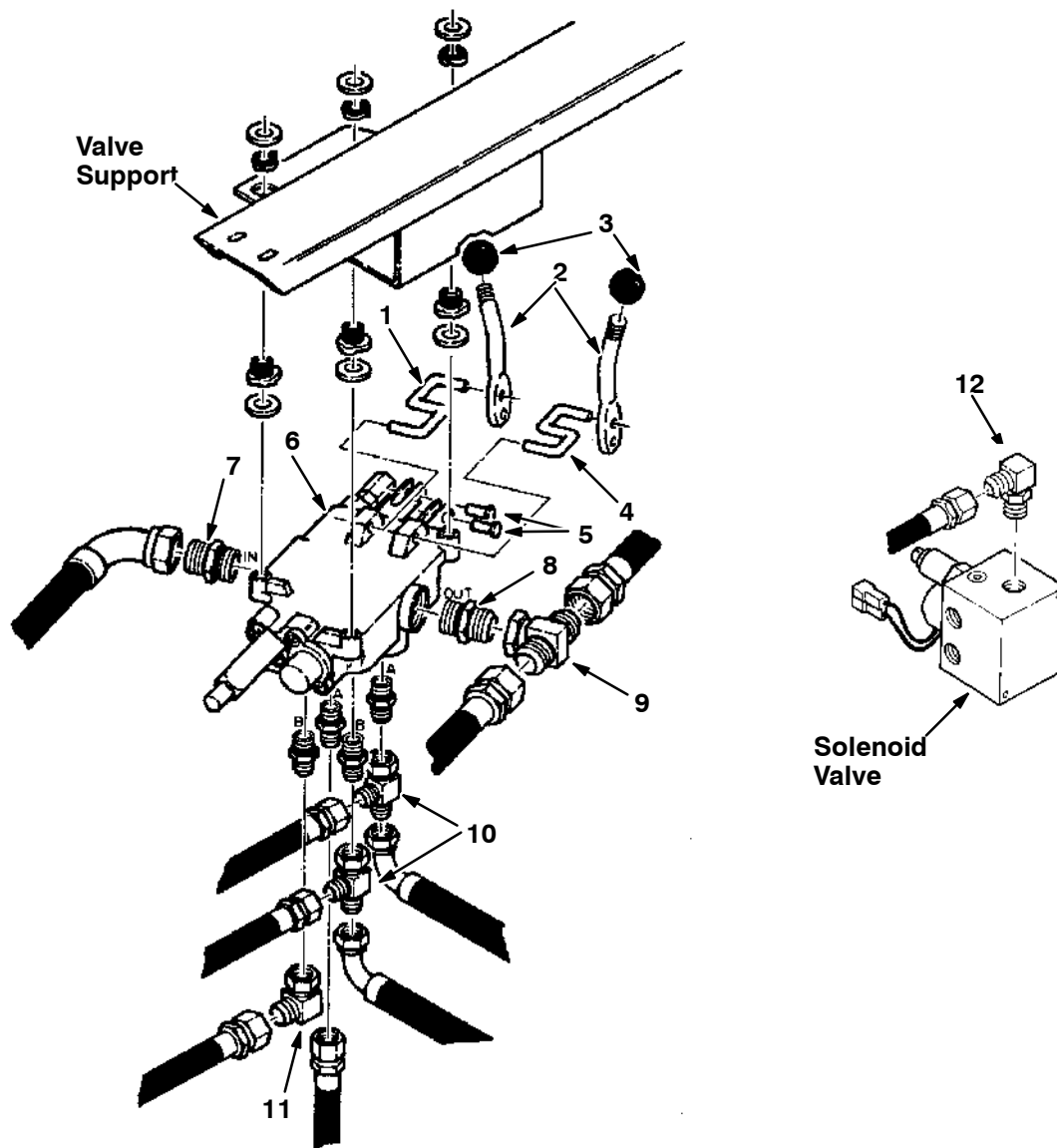


Fig. 11 – Hydraulic Control Valve Group, Multi-Level Dump

04606

| Key | TENNANT<br>Part No. | Machine<br>Serial Number | Description                                 | Qty. |
|-----|---------------------|--------------------------|---------------------------------------------|------|
| 1   | 82762               | (010001- )               | Link, S                                     | 1    |
| 2   | 02687               | (010001- )               | Handle, Valve Control                       | 2    |
| 3   | 26156               | (010001- )               | Knob                                        | 2    |
| 4   | 32759               | (010001- )               | Link, S                                     | 1    |
| 5   | 14605               | (010001- )               | Pin, Clevis                                 | 2    |
| 6   | 34319               | (010001- )               | Valve, Hydraulic (See Hydraulic Components) | 1    |
| 7   | 55686               | (010001- )               | Fitting, Straight                           | 5    |
| 8   | 52402               | (010001- )               | Fitting, Straight                           | 1    |
| 9   | 35586               | (010001- )               | Fitting, Tee                                | 1    |
| 10  | 57988               | (010001- )               | Fitting, Tee                                | 2    |
| 11  | 39210               | (010001- )               | Fitting, Elbow                              | 1    |
| 12  | 44868               | (010001- )               | Fitting, Elbow                              | 1    |

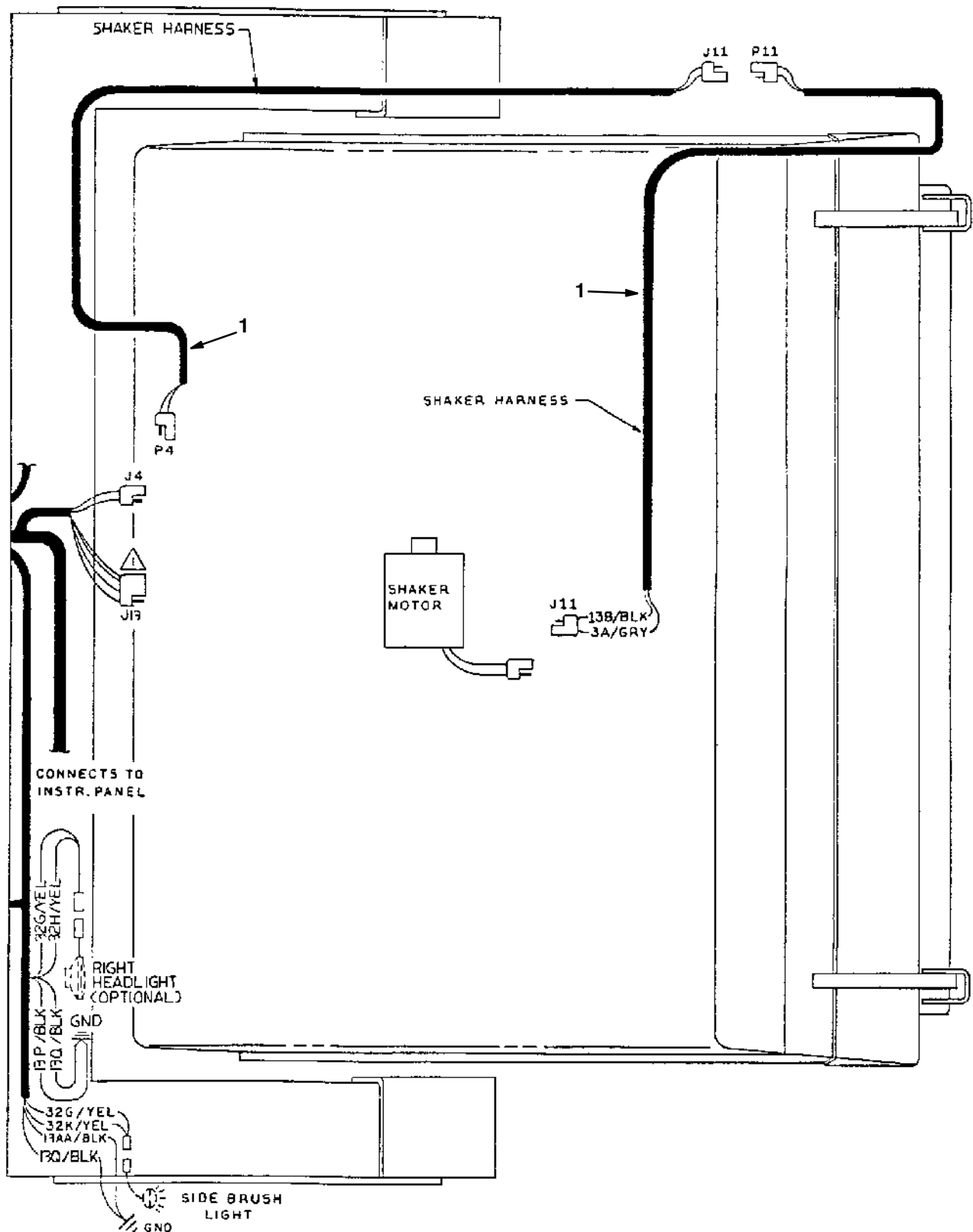
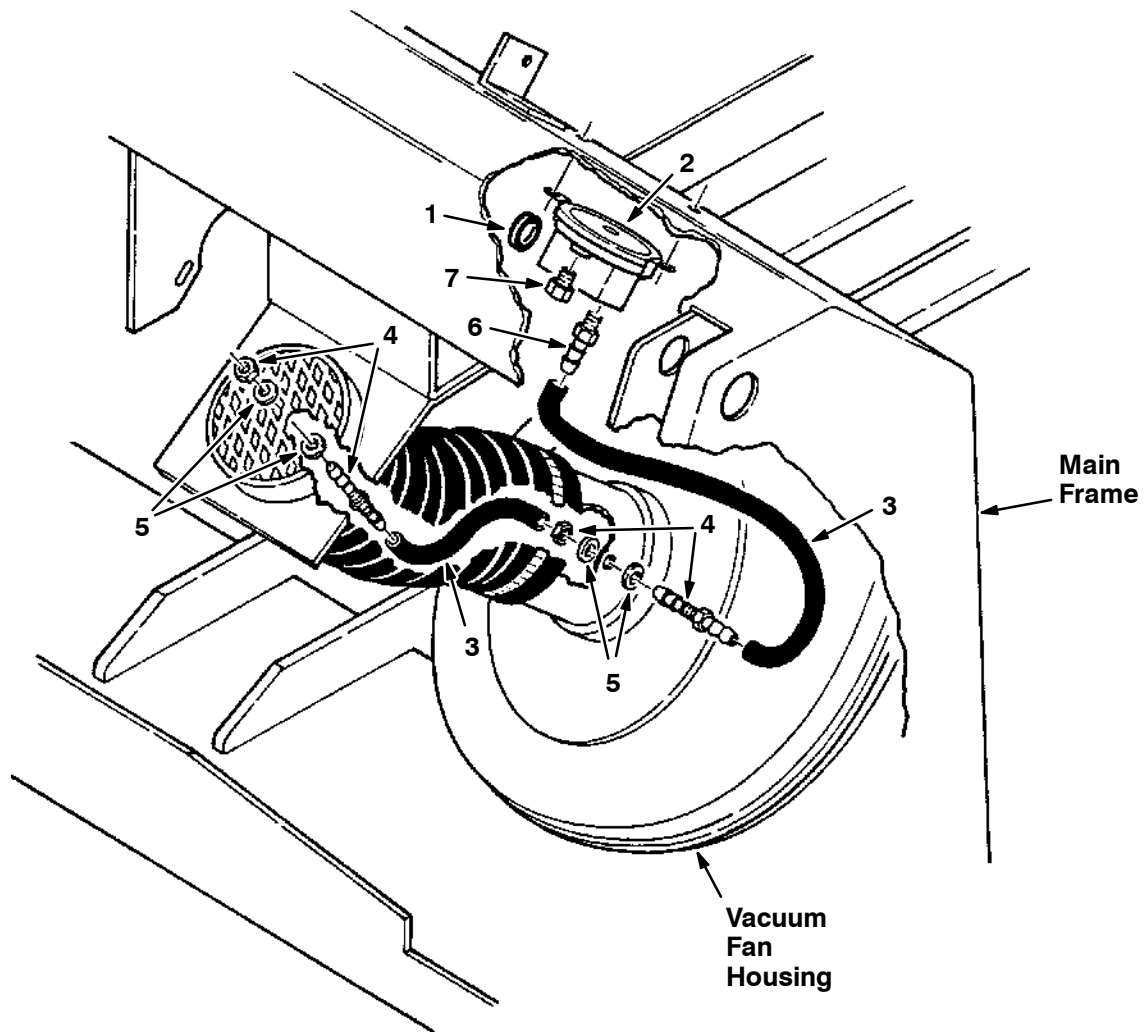


Fig. 12 – Wire Harnesses Group, Multi-Level Dump

04607

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description          | Qty. |
|-----|----------------------|--------------------------|----------------------|------|
| 1   | 07425                | (010001 – )              | Wire Harness, Hopper | 2    |



**Fig. 13 – Pressure Switch Group, Multi-Level Dump**

04495

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description              | Qty. |
|-----|----------------------|--------------------------|--------------------------|------|
| 1   | 10632-4              | (010001- )               | Grommet, Rubber          | 1    |
| 2   | 34868                | (010001- )               | Switch, Pressure         | 1    |
| 3   | 39780-1              | (010001- )               | Hose, Rubber             | 1    |
| 4   | 39923                | (010001- )               | Fitting, Barbed Bulkhead | 2    |
| 5   | 43454                | (010001- )               | Washer, Nylon            | 4    |
| 6   | 40607                | (010001- )               | Fitting, Barbed Straight | 1    |
| 7   | 82739                | (010001- )               | Fitting, Breather        | 1    |

*NOTE: To identify parts shown but not listed here, see Section 5, Low Dump Model Parts.*

## SECTION 8

## CONTENTS

|                                             | Page |                                                | Page |
|---------------------------------------------|------|------------------------------------------------|------|
| ORDERING REPAIR PARTS .....                 | 8-3  | Fig. 30 – Protectoseal Fuel Tank Cap Kit ..... | 8-38 |
| Fig. 1 – Cab Kit .....                      | 8-4  | Fig. 31 – Hood Latch and Machine               |      |
| Fig. 2 – Snow Blade Kit .....               | 8-6  | Tie-Down Kit .....                             | 8-39 |
| Fig. 3 – Snow Broom Kit .....               | 8-8  | Fig. 32 – Fuel Tanks Group, LPG .....          | 8-40 |
| Fig. 4 – Mount Frame Kit .....              | 8-10 | Fig. 33 – Rear Wheel Assembly,                 |      |
| Fig. 5 – Tire Chain Kit .....               | 8-11 | Foam Filled .....                              | 8-41 |
| Fig. 6 – Tire and Wheel Assembly .....      | 8-11 | Fig. 34 – Rear Wheel Assembly, Solid .....     | 8-41 |
| Fig. 7 – Revolving Light Kit, Overhead      |      | Fig. 35 – Extra Reach Side Brush Group,        |      |
| Guard .....                                 | 8-12 | Multi-Level Dump .....                         | 8-42 |
| Fig. 8 – Flashing Light Kit, Overhead       |      | Fig. 36 – Maximum Path Side Brush Group ..     | 8-43 |
| Guard .....                                 | 8-13 | Fig. 37 – Hopper and Cover Group, RFS ....     | 8-44 |
| Fig. 9 – Revolving Light Kit, Shroud .....  | 8-14 | Fig. 38 – Filter and Shaker Group, RFS .....   | 8-46 |
| Fig. 10 – Flashing Light Kit, Shroud .....  | 8-15 | Fig. 39 – Vacuum System Group, RFS .....       | 8-48 |
| Fig. 11 – Revolving Light Kit, Cab .....    | 8-16 | Fig. 40 – Electrical and Hydraulic             |      |
| Fig. 12 – Flashing Light Kit, Cab .....     | 8-17 | Group, RFS .....                               | 8-50 |
| Fig. 13 – Rear Squeegee Group .....         | 8-18 | Fig. 41 – Switch and Circuit Group, RFS ....   | 8-52 |
| Fig. 14 – Side Squeegee Group .....         | 8-20 | Fig. 42 – Wire Harnesses Group, RFS .....      | 8-53 |
| Fig. 15 – Scrub Attachment Cam Group .....  | 8-21 |                                                |      |
| Fig. 16 – Scrub Brush Drive Group .....     | 8-22 |                                                |      |
| Fig. 17 – Solution Tanks Group .....        | 8-24 |                                                |      |
| Fig. 18 – Recovery Tank Group .....         | 8-26 |                                                |      |
| Fig. 19 – Main Scrubber Brush Group .....   | 8-28 |                                                |      |
| Fig. 20 – Instrument Panel Group .....      | 8-28 |                                                |      |
| Fig. 21 – Hopper Dolly Assembly .....       | 8-29 |                                                |      |
| Fig. 22 – Scrubber Bumper Group .....       | 8-30 |                                                |      |
| Fig. 23 – Dry Battery Kit .....             | 8-31 |                                                |      |
| Fig. 24 – Vacuum Wand Kit, Low Dump .....   | 8-32 |                                                |      |
| Fig. 25 – Vacuum Wand Group,                |      |                                                |      |
| Multi-level Dump .....                      | 8-34 |                                                |      |
| Fig. 26 – Battery Hold Down Kit .....       | 8-36 |                                                |      |
| Fig. 27 – Fire Extinguisher Kit .....       | 8-37 |                                                |      |
| Fig. 28 – Alternator Kit .....              | 8-37 |                                                |      |
| Fig. 29 – Spark Arresting Muffler Kit ..... | 8-38 |                                                |      |

*NOTE: SECTION 8, ACCESSORIES, lists repair parts included as part of the available accessories.*



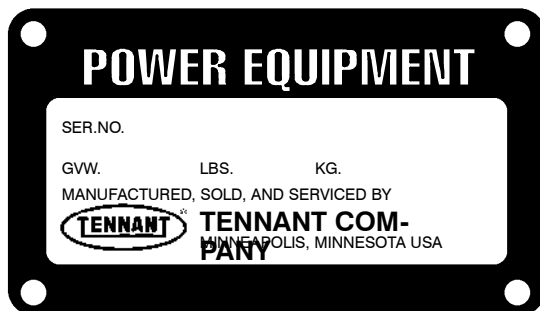
## ORDERING REPAIR PARTS

The components used in this machine have been carefully selected for performance and safety. Use only Tennant Company specified or equivalent parts.

To receive prompt service in filling of your parts orders, please direct all orders for parts with Tennant Company part numbers to the Tennant Company, and all orders for parts with vendor part numbers to the local supplier of the respective vendor.

When ordering parts, please furnish all of the following information:

1. Machine model number - shown on the machine data plate.



2. Machine serial number - shown on the machine data plate.
3. Power source - gasoline, LPG, diesel, electric.
4. Company name.
5. Shipping address.
6. Billing address.
7. Name, first and last - of person ordering parts.
8. Telephone number.
9. Purchase order number.
10. Part number, description, and quantity - of each item on the order.

Do not order parts by key number or the figure number of the illustrated parts. Indented items indicate parts of assemblies. Standard hardware is furnished only when part of a purchased assembly. Please get hardware from a local hardware supplier.

If the old part cannot be identified, send it to us with the quantity needed specified on the order.

Any claim for loss or damage to a shipment in transit should be filed promptly against the transportation company making the delivery. Shipments will be complete unless the packing list or order acknowledgement indicate items back ordered.

If parts received are suspected to be incorrect or defective, please write, wire, or phone the Tennant Company representative from whom you ordered the part. They will give authorization for return and/or handle replacement shipments when required.

### SERIAL NUMBER INFORMATION EXPLANATION

Serial number listings are shown to indicate on which machines each part can be used. These listings are explained by the following examples:

(000000— ) The part can be used on all machines.

(003342— ) The part can be used on all machines beginning with the serial number listed.

(000000—004320) The part can be used on all machines up to and including serial number listed.

(004321—005678) The part can be used on all machines between and including the serial numbers listed.

Where xxxxxx's are listed in place of a serial number, it indicates a change was made but the exact serial number had not been established when the catalog went to press.

### SI UNITS OF MEASURE (INTERNATIONAL SYSTEM)

Metric equivalents have been included, where applicable, throughout this parts catalog.

### FASTENER STRENGTH IDENTIFICATION

Fasteners required to have high—strength qualities equivalent to SAE Grade 8 are identified throughout this catalog by the description GR 8. Unless identified by this description, all standard fasteners are SAE Grade 5.

(Specifications and design subject to change without notice.)

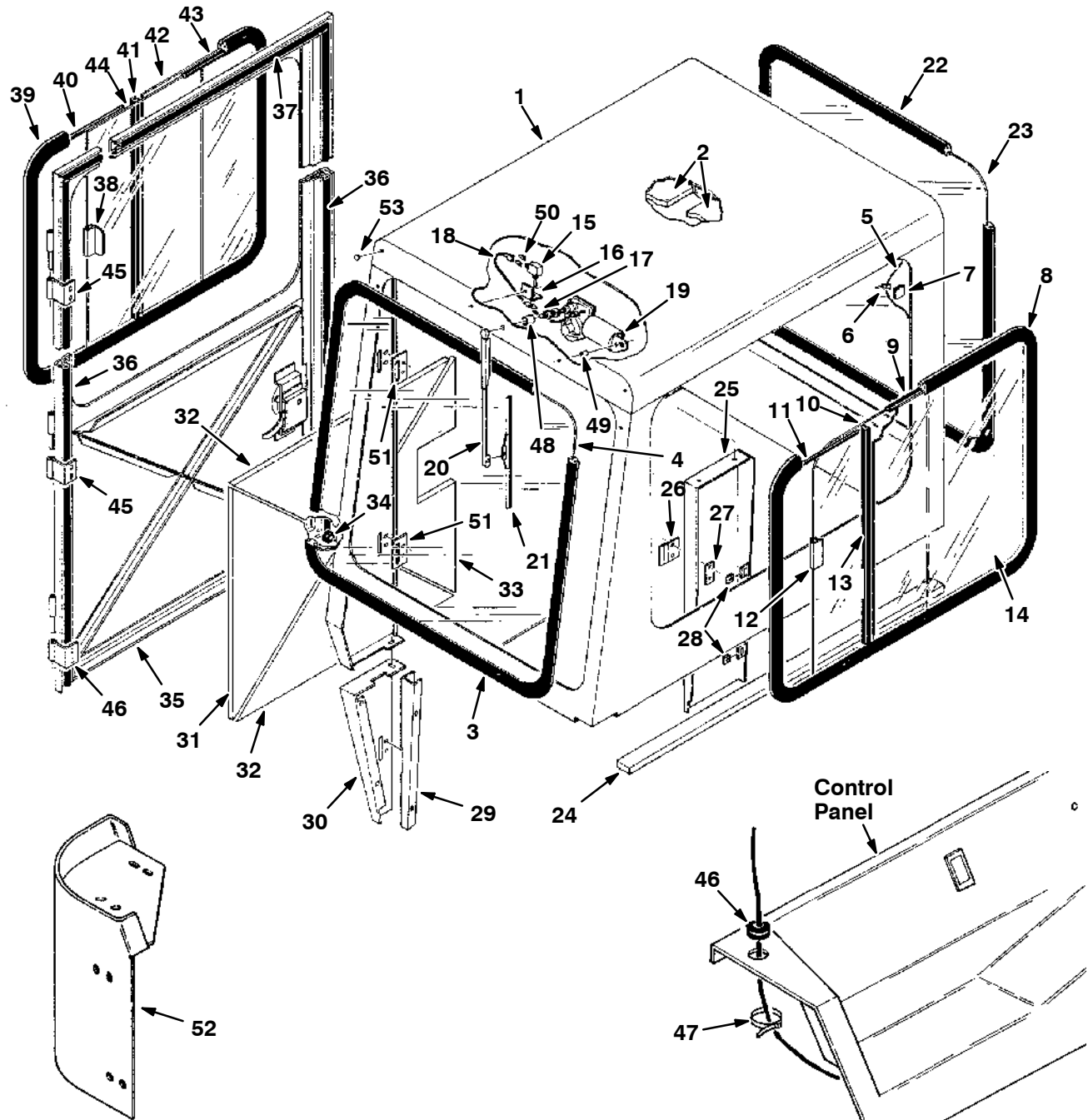


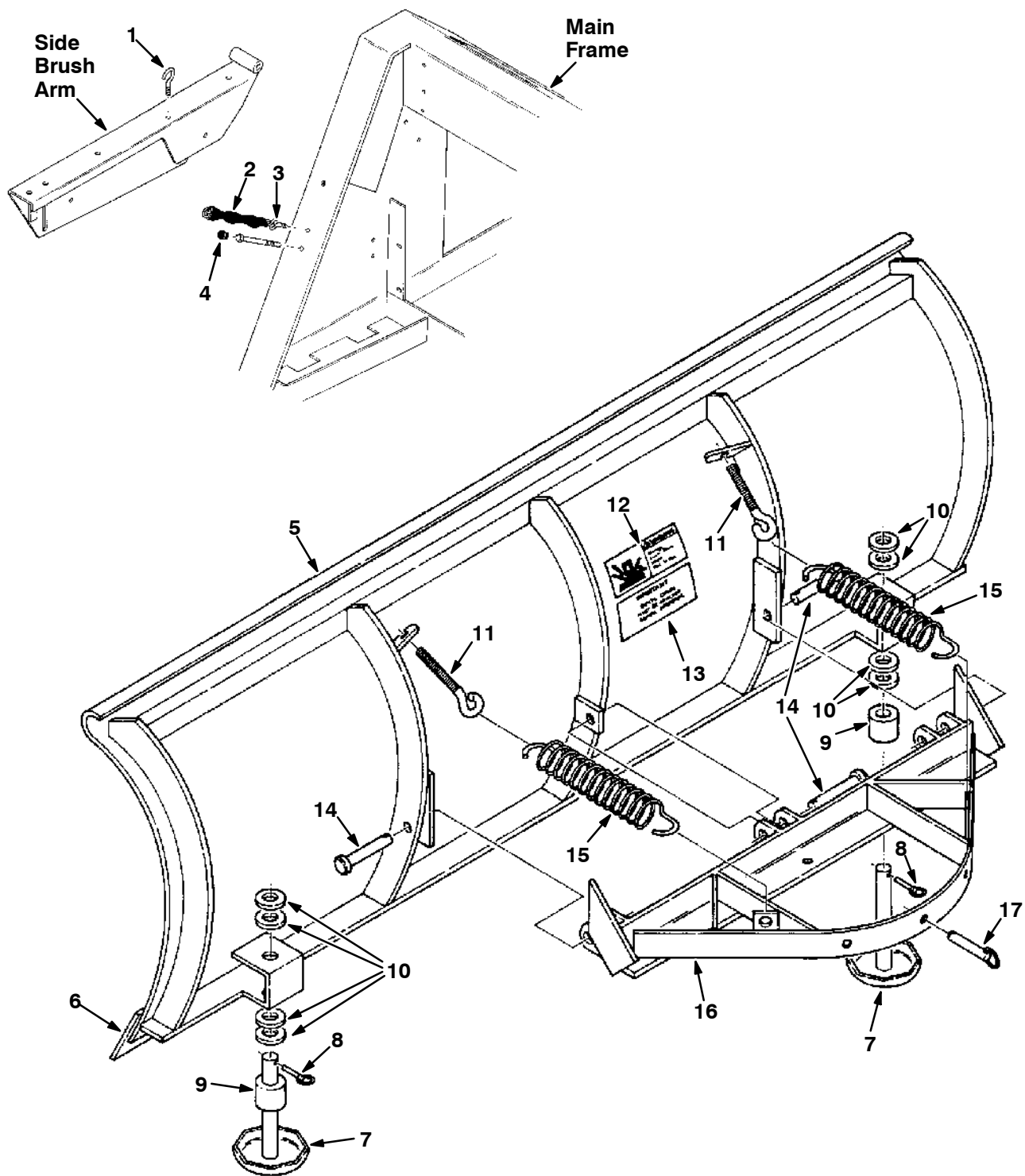
Fig. 1 – Cab Kit

04478

| Key | TENNANT<br>Part No. | Machine<br>Serial Number | Description       | Qty. |
|-----|---------------------|--------------------------|-------------------|------|
|     | 82914               | (000000– )               | Cab Kit           | 1    |
|     | 03253               | (000000– )               | Cab Assembly      | 1    |
| 1   | 03255               | (000000– )               | Cab               | 1    |
| 2   | 55398               | (000000– )               | Insulation, Foam  | 2    |
| 3   | 55349               | (000000– )               | Weather Strip     | 1    |
| 4   | 03234               | (000000– )               | Glass, Safety     | 1    |
| 5   | 07664               | (000000– )               | Wire Harness, Cab | 1    |
| 6   | 49266               | (000000– )               | Tie, Cable        | 2    |

| Key | TENNANT<br>Part No. | Machine<br>Serial Number | Description              | Qty. |
|-----|---------------------|--------------------------|--------------------------|------|
| 7   | 55248               | (000000— )               | Mount, Cable Tie         | 2    |
| 8   | 55393               | (000000— )               | Weather Strip            | 1    |
| 9   | 55395               | (000000— )               | Channel, Flexible        | 1    |
| 10  | 12039               | (000000— )               | Glass, Sliding Safety    | 1    |
| 11  | 55369               | (000000— )               | Spacer, Rubber           | 1    |
| 12  | 15066               | (000000— )               | Handle                   | 1    |
|     | 58974               | (000000— )               | Pad, Rubber              | 2    |
| 13  | 55368               | (000000— )               | Channel, Rigid           | 1    |
| 14  | 03238               | (000000— )               | Glass, Stationary Safety | 1    |
| 15  | 10701               | (000000— )               | Switch                   | 1    |
| 16  | 62039               | (000000— )               | Bracket, L               | 1    |
| 17  | 07421               | (000000— )               | Plate, Switch            | 1    |
| 18  | 03282               | (000000— )               | Wire, Wiper Motor        | 1    |
| 19  | 02507               | (000000— )               | Motor, Wiper             | 1    |
| 20  | 15121               | (000000— )               | Arm, Wiper               | 1    |
| 21  | 23947               | (000000— )               | Blade, Wiper             | 1    |
| 22  | 82907               | (000000— )               | Weather Strip            | 1    |
| 23  | 03235               | (000000— )               | Glass, Stationary        | 1    |
| 24  | 03247               | (000000— )               | Seal, Foam Rubber        | 1    |
| 25  | 82917               | (000000— )               | Panel, Seat Support      | 1    |
| 26  | 55429               | (000000— )               | Strike, Plate            | 1    |
| 27  | 55431               | (000000— )               | Plate, Stiffener         | 1    |
| 28  | 61110               | (000000— )               | Nut, Retainer            | 3    |
| 29  | 55321               | (000000— )               | Channel, Bail            | 1    |
| 30  | 55322               | (000000— )               | Panel, Bail              | 1    |
|     | 03243               | (000000— )               | Door Assembly, Cab       | 1    |
| 31  | 55758               | (000000— )               | Insulation, Foam         | 1    |
| 32  | 55757               | (000000— )               | Insulation, Foam         | 2    |
| 33  | 55759               | (000000— )               | Insulation, Foam         | 1    |
| 34  | 82921               | (000000— )               | Bumper, Rubber           | 1    |
| 35  | 03242               | (000000— )               | Door                     | 1    |
| 36  | 55754               | (000000— )               | Seal, Side               | 2    |
| 37  | 55756               | (000000— )               | Seal, Top                | 1    |
| 38  | 15066               | (000000— )               | Handle                   | 1    |
|     | 58974               | (000000— )               | Pad, Rubber              | 2    |
| 39  | 55394               | (000000— )               | Weather Strip            | 1    |
| 40  | 55369               | (000000— )               | Spacer, Rubber           | 1    |
| 41  | 55368               | (000000— )               | Channel, Rigid           | 1    |
| 42  | 03237               | (000000— )               | Glass, Stationary Safety | 1    |
| 43  | 55396               | (000000— )               | Channel, Flexible        | 1    |
| 44  | 12039               | (000000— )               | Glass, Sliding Safety    | 1    |
| 45  | 55761               | (000000— )               | Hinge                    | 3    |
| 46  | 10632—2             | (000000— )               | Grommet                  | 1    |
| 47  | 49266               | (000000— )               | Tie, Cable               | 1    |
| 48  | 03280               | (000000— )               | Spacer                   | 1    |
| 49  | 03281               | (000000— )               | Spacer                   | 1    |
| 50  | 48252               | (000000— )               | Tab, Terminal            | 2    |
| 51  | 55346               | (000000— )               | Plate, Hinge             | 2    |
| 52  | 02945               | (000000— )               | Tower, Bumper            | 1    |
| 53  | 33806               | (000000— )               | Plugbutton               | 4    |





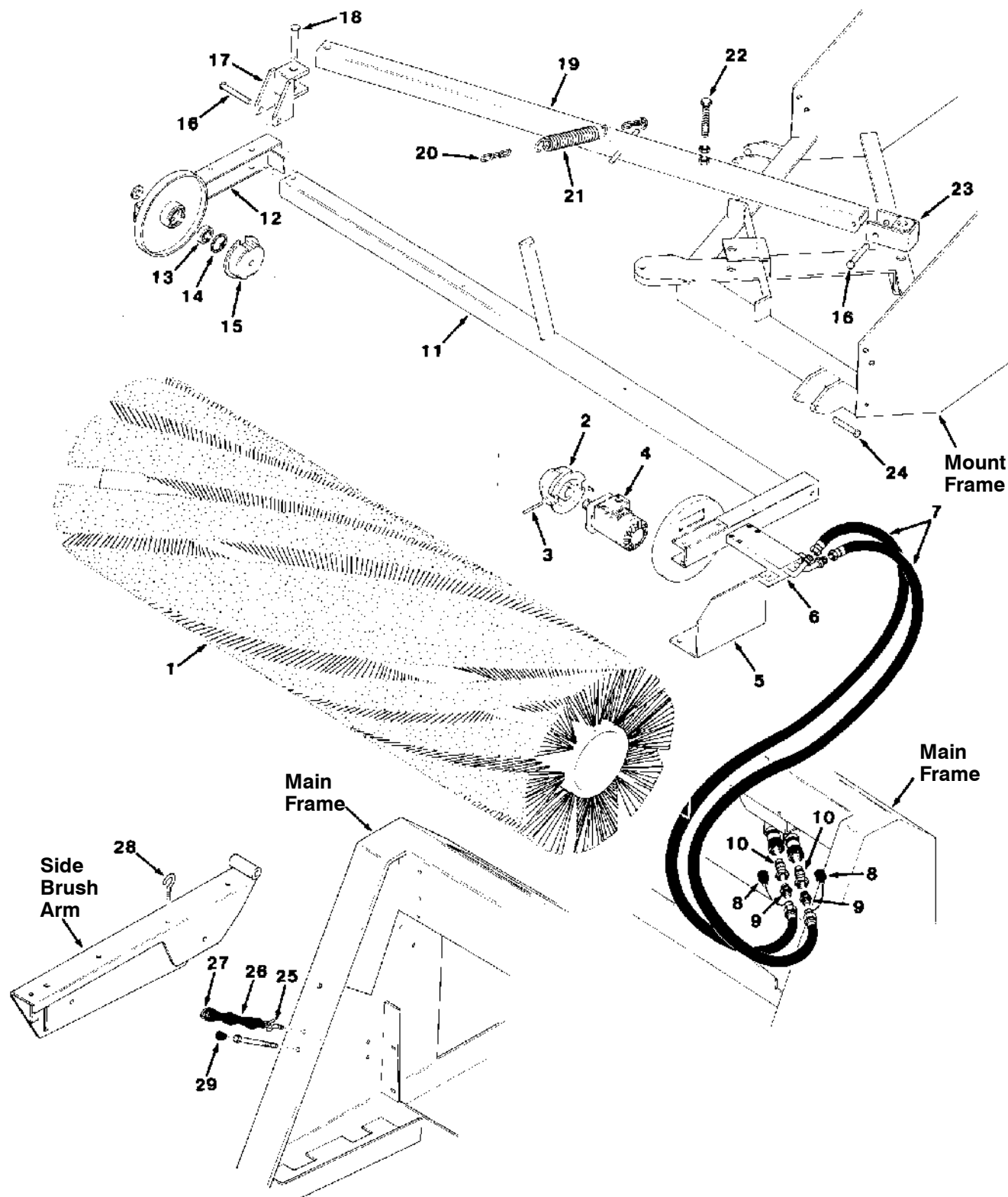
**Fig. 2 – Snow Blade Kit**

*NOTE: To identify parts shown but not listed here, see Section 5, Low Dump Model Parts.*

**Fig. 2 – Snow Blade Kit**

*NOTE: Snow Blade Kit, TENNANT® Part Number 37136, includes Fig. 2, 4, 5, and 21.*

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description          | Qty. |
|-----|----------------------|--------------------------|----------------------|------|
|     | 47714                | (000000– )               | Snow Blade Kit       | 1    |
| 1   | 21097                | (000000– )               | Hook, Eyebolt        | 1    |
| 2   | 47280                | (000000– )               | Chain Assembly       | 1    |
| 3   | 11893                | (000000– )               | Eyebolt              | 1    |
| 4   | 01318                | (000000– )               | Tip, Rubber          | 1    |
| 5   | 31301                | (000000– )               | Blade Assembly       | 1    |
| 6   | 08050                | (000000– )               | Cutting Edge         | 1    |
| 7   | 08046                | (000000– )               | Disc Shoe Assembly   | 2    |
| 8   | 08046                | (000000– )               | Pin, Linch           | 2    |
| 9   | 08048                | (000000– )               | Spacer               | 2    |
| 10  | 32969                | (000000– )               | Washer               | 38   |
| 11  | 47713–2              | (000000– )               | Eyebolt              | 2    |
| 12  | 32180                | (000000– )               | Decal, Hazard        | 1    |
| 13  | 47477                | (000000– )               | Decal, Safety Chains | 1    |
| 14  | 47713–3              | (000000– )               | Pin, Clevis          | 3    |
| 15  | 47713–1              | (000000– )               | Spring               | 2    |
| 16  | 31302                | (000000– )               | Quadrant Assembly    | 1    |
| 17  | 47715                | (000000– )               | Pin, Quick Release   | 1    |



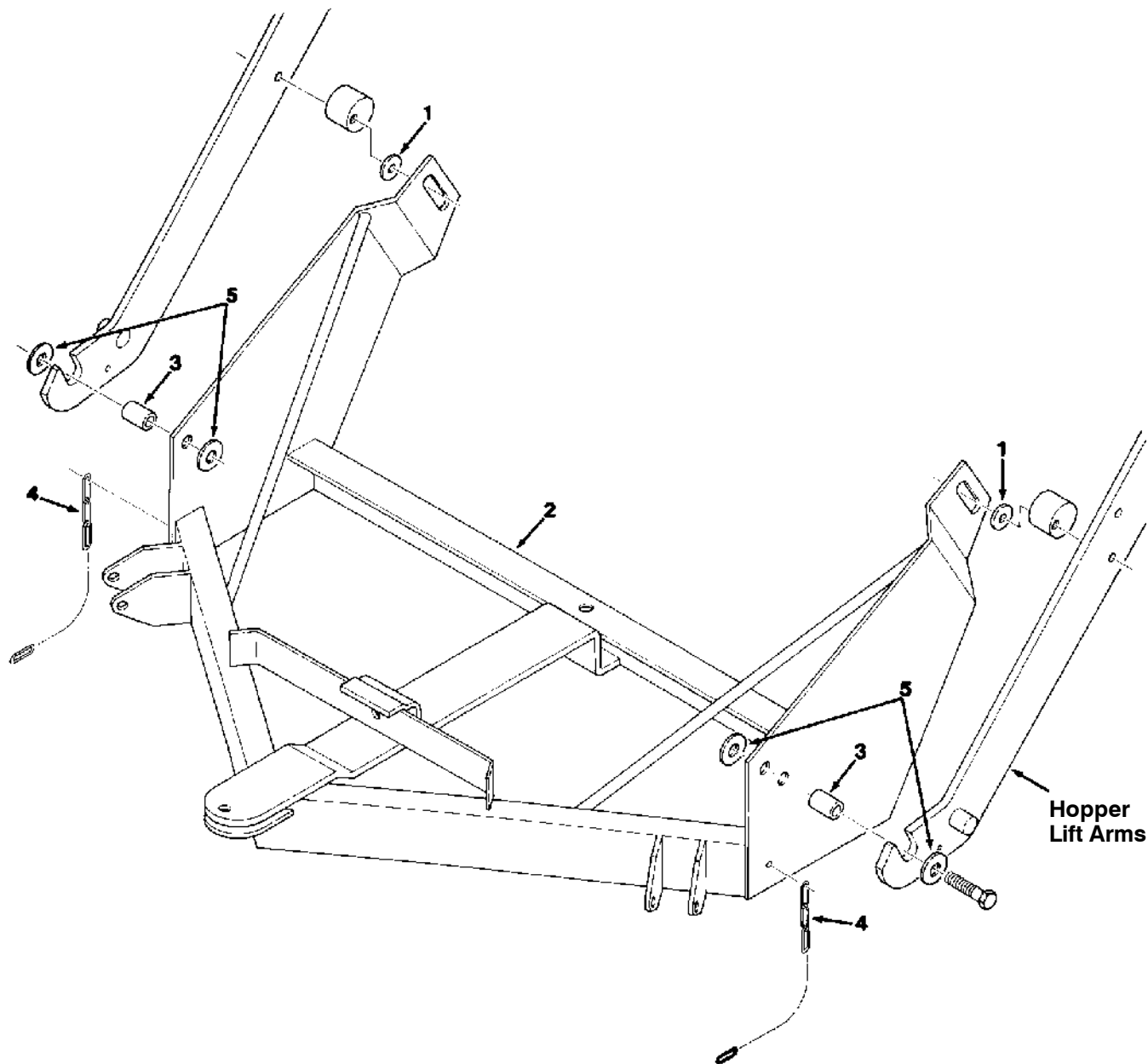
**Fig. 3 – Snow Broom Kit**

*NOTE: To identify parts shown but not listed here, see Section 5, Low Dump Model Parts.*

Fig. 3 – Snow Broom Kit

NOTE: Snow Broom Kit, TENNANT® Part Number 02629, includes Fig. 3, 4, 5, and 21.

| Key | TENNANT<br>Part No. | Machine<br>Serial Number | Description                                 | Qty. |
|-----|---------------------|--------------------------|---------------------------------------------|------|
|     | 82082               | (000000– )               | Broom Kit, Snow                             | 1    |
| 1   | 24741               | (000000– )               | Broom                                       | 1    |
| 2   | 24743               | (000000– )               | Plug, Drive                                 | 1    |
| 3   | 11516               | (000000– )               | Pin, Roll                                   | 1    |
| 4   | 27787               | (000000– )               | Motor, Hydraulic (See Hydraulic Components) | 1    |
| 5   | 32162               | (000000– )               | Bracket, Bumper                             | 1    |
| 6   | 82079               | (000000– )               | Block, Porting                              | 1    |
| 7   | 82081               | (000000– )               | Hose, Hydraulic                             | 2    |
| 8   | 33862               | (000000– )               | Cap, Dust                                   | 2    |
| 9   | 44869               | (000000– )               | Fitting, Straight                           | 2    |
| 10  | 65084–1             | (000000– )               | Fitting, Coupling, Male                     | 2    |
| 11  | 24705               | (000000– )               | Frame, Broom                                | 1    |
| 12  | 24704               | (000000– )               | Frame, Broom, R.H.                          | 1    |
| 13  | 46390               | (000000– )               | Bearing, Ball                               | 1    |
| 14  | 10464               | (000000– )               | Ring, Retaining                             | 1    |
| 15  | 07037               | (000000– )               | Plug, Brush                                 | 1    |
| 16  | 06474A              | (000000– )               | Pin, Clevis                                 | 2    |
| 17  | 24724               | (000000– )               | Yoke                                        | 1    |
| 18  | 24729               | (000000– )               | Pin, Clevis                                 | 1    |
| 19  | 24737               | (000000– )               | Arm, Broom Support                          | 1    |
| 20  | 24769               | (000000– )               | Chain, Coil                                 | 1    |
| 21  | 24776               | (000000– )               | Spring, Tension                             | 1    |
| 22  | 41177               | (000000– )               | Screw, Hex                                  | 1    |
| 23  | 24721               | (000000– )               | Pivot, End, Bracket                         | 1    |
| 24  | 23191               | (000000– )               | Pin, Clevis                                 | 1    |
| 25  | 11893               | (000000– )               | Bolt, Eye                                   | 1    |
| 26  | 46567               | (000000– )               | Hose, Rubber                                | 1    |
| 27  | 40758               | (000000– )               | Chain, Link                                 | 1    |
| 28  | 21097               | (000000– )               | Hook                                        | 1    |
| 29  | 01318               | (000000– )               | Tip, Rubber                                 | 1    |
|     | 24787               | (000000– )               | Decal, Warning, Windrow Broom               | 1    |



**Fig. 4 – Mount Frame Kit**

02596

**NOTE:** Snow Broom Kit, TENNANT® Part Number 02629, includes Fig. 3, 4, 5, and 21. Snow Blade Kit, TENNANT® Part Number 37136, includes Fig. 2, 4, 5, and 21.

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description      | Qty. |
|-----|----------------------|--------------------------|------------------|------|
|     | 24767                | (000000– )               | Frame Kit, Mount | 1    |
| 1   | 07027                | (000000– )               | Sleeve           | 2    |
| 2   | 24706                | (000000– )               | Frame, Mounting  | 1    |
| 3   | 24728                | (000000– )               | Sleeve           | 2    |
| 4   | 32321                | (000000– )               | Chain, Coil      | 2    |
| 5   | 32494                | (000000– )               | Washer           | 4    |

**NOTE:** To identify parts shown but not listed here, see Section 5, Low Dump Model Parts.

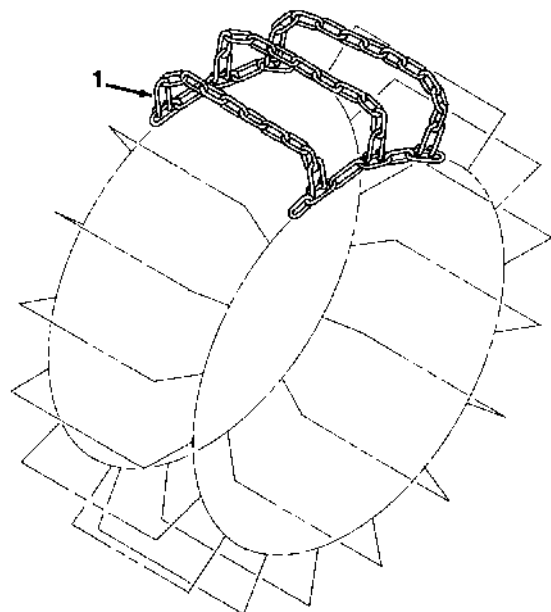


Fig. 5 – Tire Chain Kit

02591

NOTE: Snow Broom Kit, TENNANT® Part Number 02629, includes Fig. 3, 4, 5, and 21. Snow Blade Kit, TENNANT®Part Number 37136, includes Fig. 2, 4, 5, and 21.

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description | Qty. |
|-----|----------------------|--------------------------|-------------|------|
| 1   | 53848                | (000000– )               | Chain, Tire | 1    |

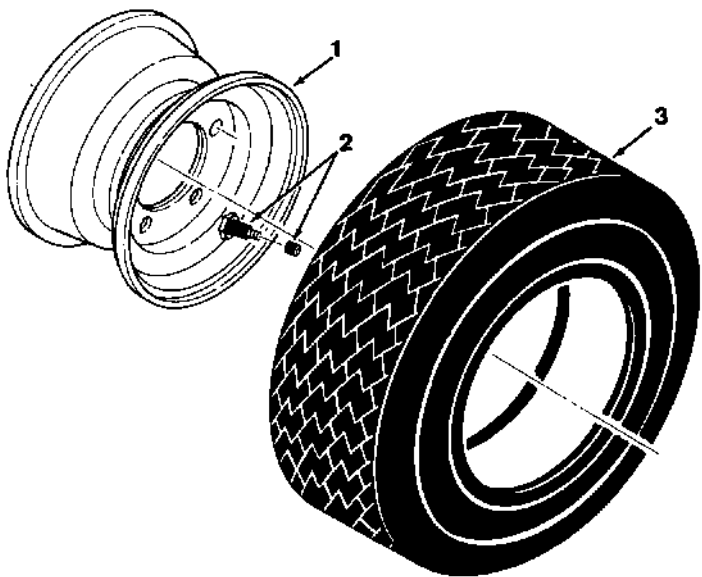
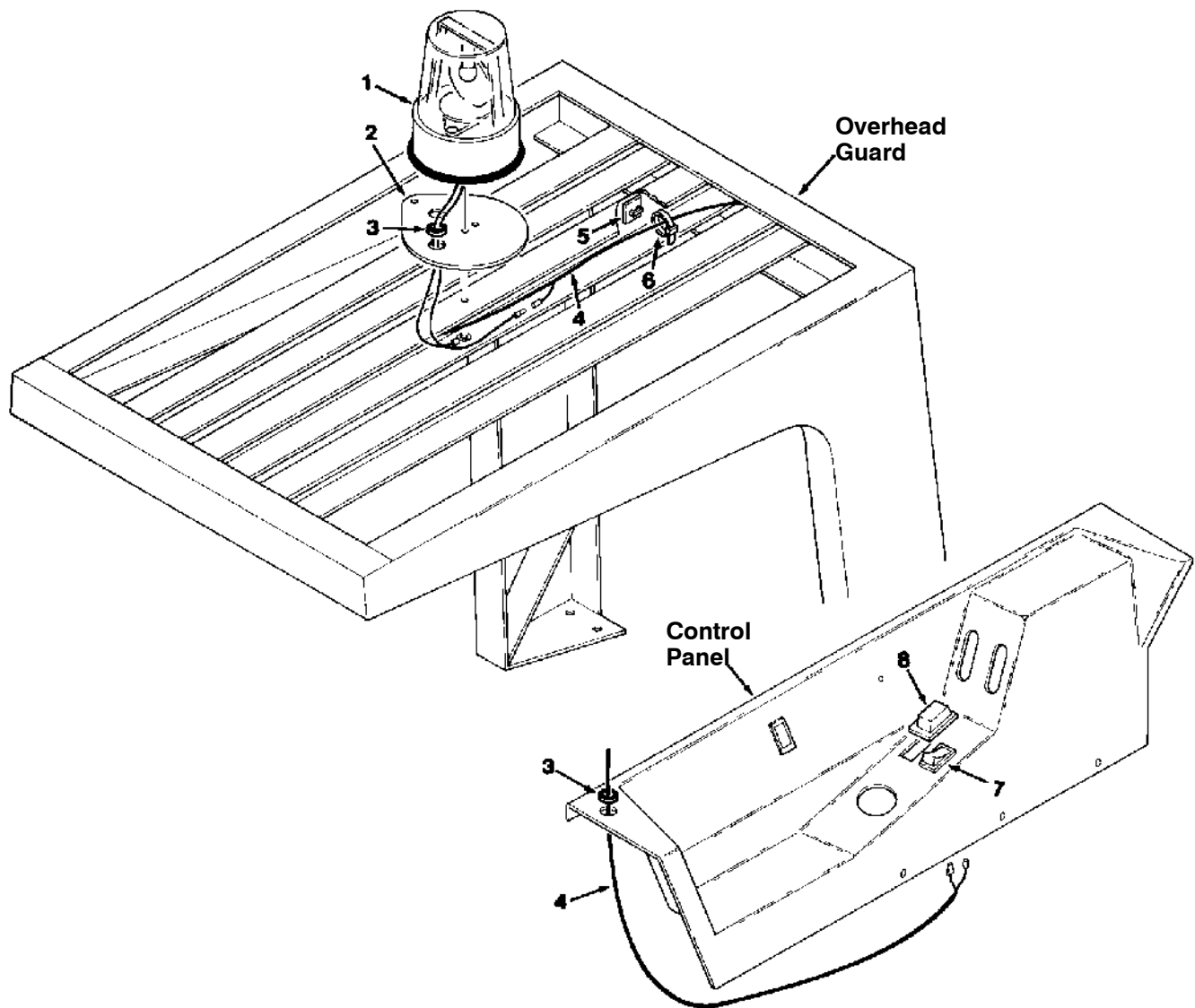


Fig. 6 – Tire and Wheel Assembly

02727

NOTE: Squeegees and Control Kit, TENNANT® Part Number 07522, includes Fig. 6, 13, 14, 15, and 22.

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description             | Qty. |
|-----|----------------------|--------------------------|-------------------------|------|
|     | 82245                | (000000– )               | Tire and Wheel Assembly | 1    |
| 1   | 82225                | (000000– )               | Wheel                   | 1    |
| 2   | 75365                | (000000– )               | Stem, Valve             | 1    |
| 3   | 47525                | (000000– )               | Tire                    | 1    |



**Fig. 7 – Revolving Light Kit, Overhead Guard**

02605

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description                 | Qty. |
|-----|----------------------|--------------------------|-----------------------------|------|
| 1   | 82066                | (000000– )               | Light Kit, Revolving, Amber | 1    |
|     | 82200                | (000000– )               | Light Assembly, Revolving   | 1    |
|     | 45779                | (000000– )               | Bulb                        | 1    |
|     | 44681–1              | (000000– )               | Lens, Amber                 | 1    |
| 2   | 57220                | (000000– )               | Plate, Mounting             | 1    |
| 3   | 10632–2              | (000000– )               | Grommet                     | 2    |
| 4   | 07664                | (000000– )               | Wire Harness                | 1    |
| 5   | 55248                | (000000– )               | Mount, Cable Tie            | 8    |
| 6   | 49266                | (000000– )               | Tie, Cable                  | 9    |
| 7   | 31965                | (000000– )               | Switch, Rocker              | 1    |
| 8   | 57807                | (000000– )               | Seal, Switch                | 1    |
|     | 44681                | (000000– )               | Lens, Red                   | 1    |
|     | 44681–2              | (000000– )               | Lens, Blue                  | 1    |

**NOTE:** To identify parts shown but not listed here, see Section 5, Low Dump Model Parts.

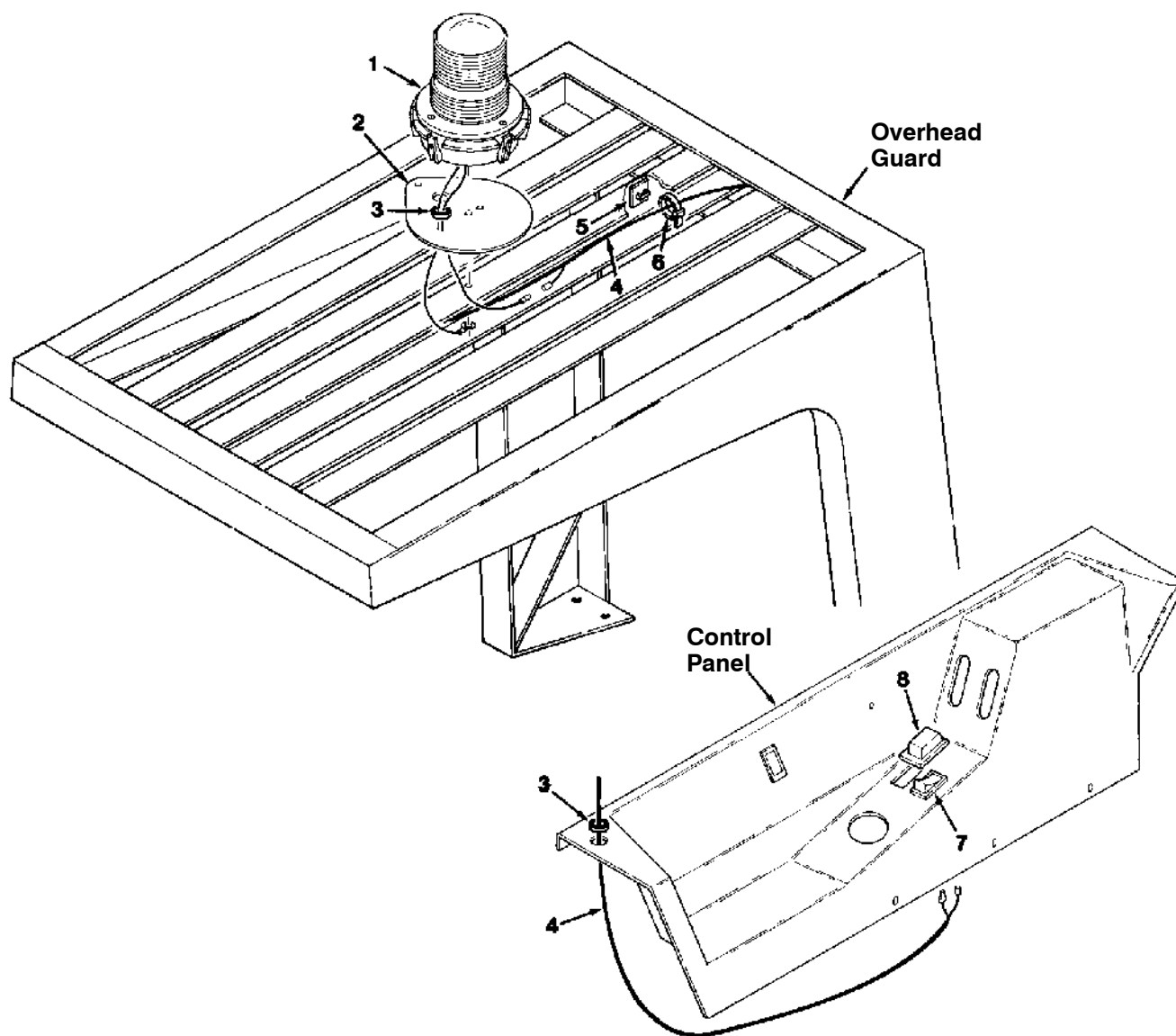


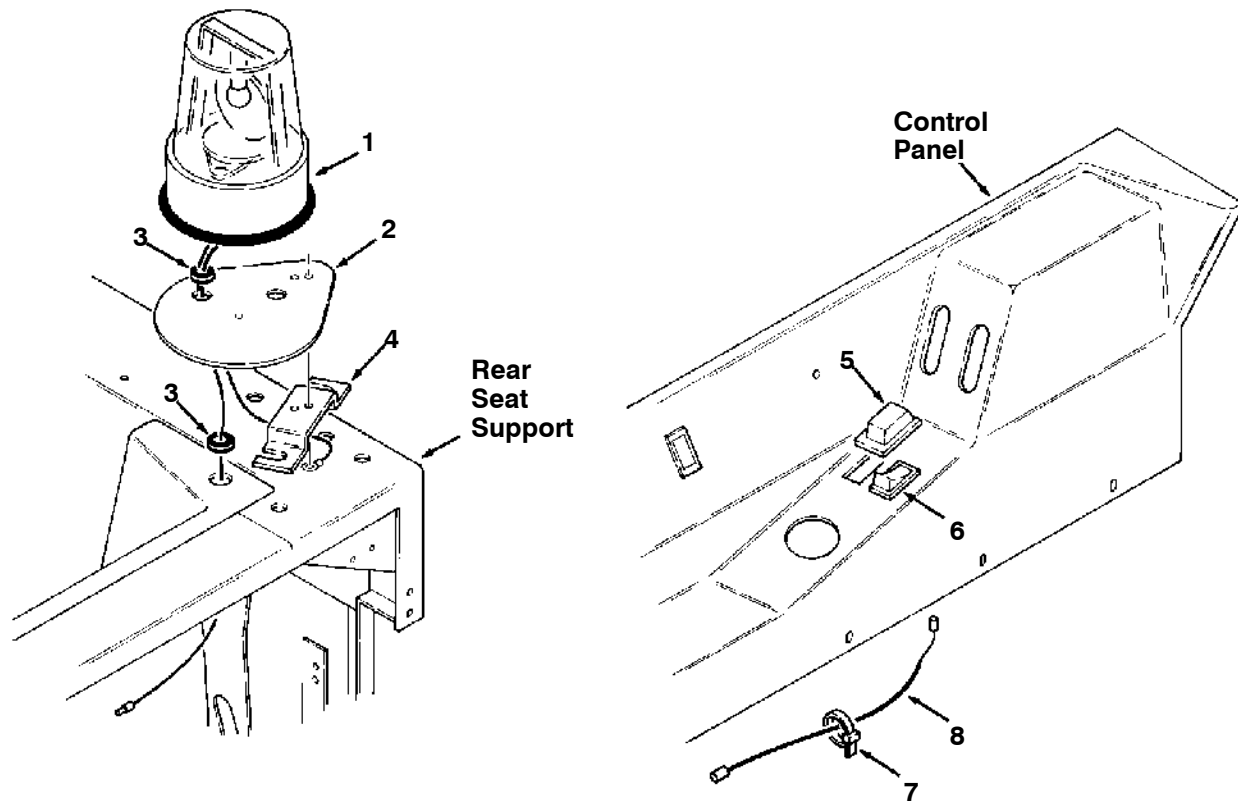
Fig. 8 – Flashing Light Kit, Overhead Guard

02606

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description                | Qty. |
|-----|----------------------|--------------------------|----------------------------|------|
| 1   | 82072                | (000000– )               | Light Kit, Flashing, Amber | 1    |
|     | 82063                | (000000– )               | Light Assembly, Flashing   | 1    |
|     | 58520                | (000000– )               | Lens, Amber                | 1    |
|     | 45779                | (000000– )               | Bulb                       | 1    |
| 2   | 57220                | (000000– )               | Plate                      | 1    |
| 3   | 10632–2              | (000000– )               | Grommet                    | 2    |
| 4   | 07664                | (000000– )               | Wire Harness               | 1    |
| 5   | 55248                | (000000– )               | Mount, Cable Tie           | 8    |
| 6   | 49266                | (000000– )               | Tie, Cable                 | 9    |
| 7   | 31965                | (000000– )               | Switch, Rocker             | 1    |
| 8   | 57807                | (000000– )               | Seal, Switch               | 1    |
|     | 58518                | (000000– )               | Lens, Red                  | 1    |
|     | 58519                | (000000– )               | Lens, Blue                 | 1    |

NOTE: To identify parts shown but not listed here, see Section 5, Low Dump Model Parts.





**Fig. 9 – Revolving Light Kit, Shroud**

02618

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description                 | Qty. |
|-----|----------------------|--------------------------|-----------------------------|------|
| 1   | 82064                | (000000– )               | Light Kit, Revolving, Amber | 1    |
|     | 82200                | (000000– )               | Light Assembly, Revolving   | 1    |
|     | 45779                | (000000– )               | Bulb                        | 1    |
|     | 44681–1              | (000000– )               | Lens, Amber                 | 1    |
| 2   | 57220                | (000000– )               | Plate, Mounting             | 1    |
| 3   | 10632–2              | (000000– )               | Grommet                     | 2    |
| 4   | 82738                | (000000– )               | Bracket, Mounting           | 1    |
| 5   | 57807                | (000000– )               | Seal, Switch                | 1    |
| 6   | 31965                | (000000– )               | Switch, Rocker              | 1    |
| 7   | 49266                | (000000– )               | Tie, Cable                  | 1    |
| 8   | 82062                | (000000– )               | Wire Harness                | 1    |
|     | 44681                | (000000– )               | Lens, Red                   | 1    |
|     | 44681–2              | (000000– )               | Lens, Blue                  | 1    |

**NOTE:** To identify parts shown but not listed here, see Section 5, Low Dump Model Parts.

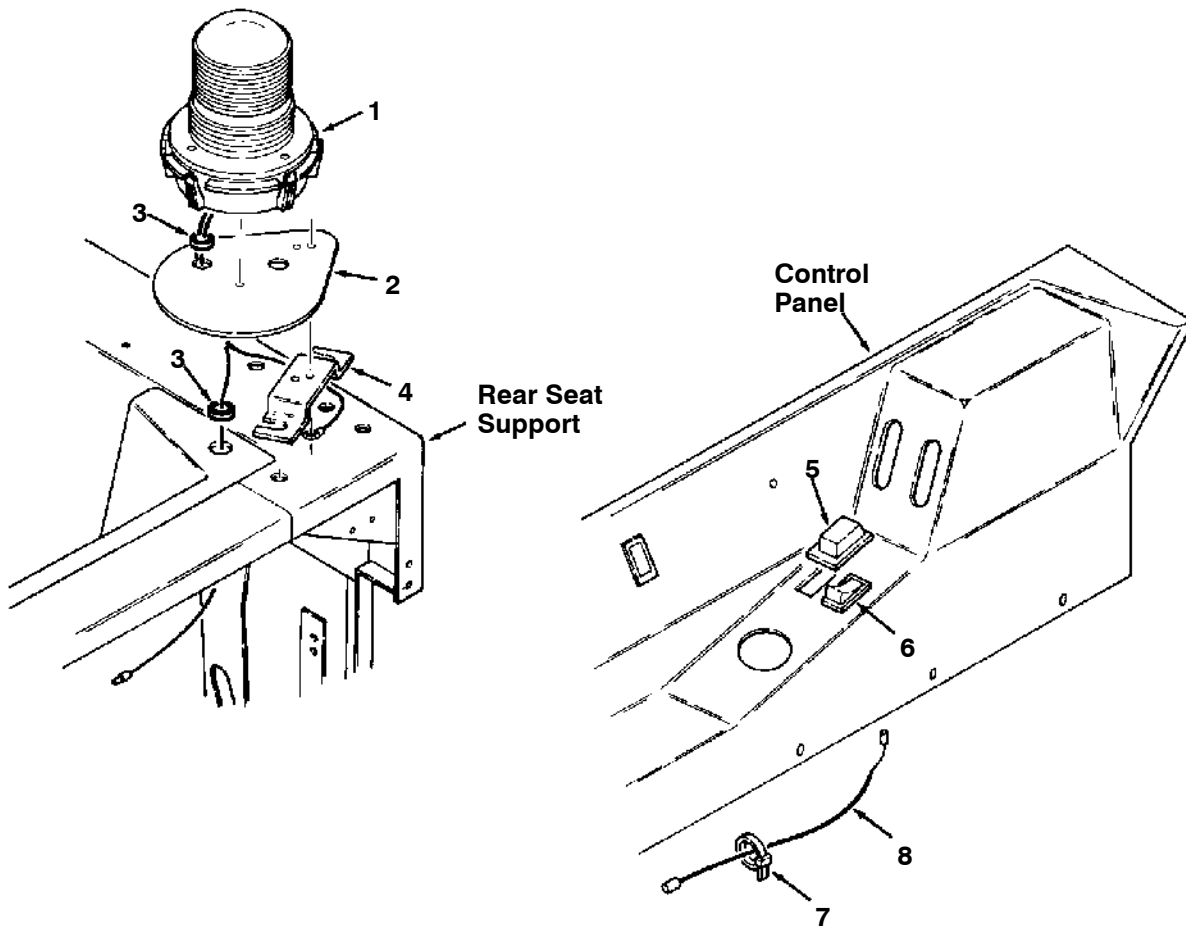
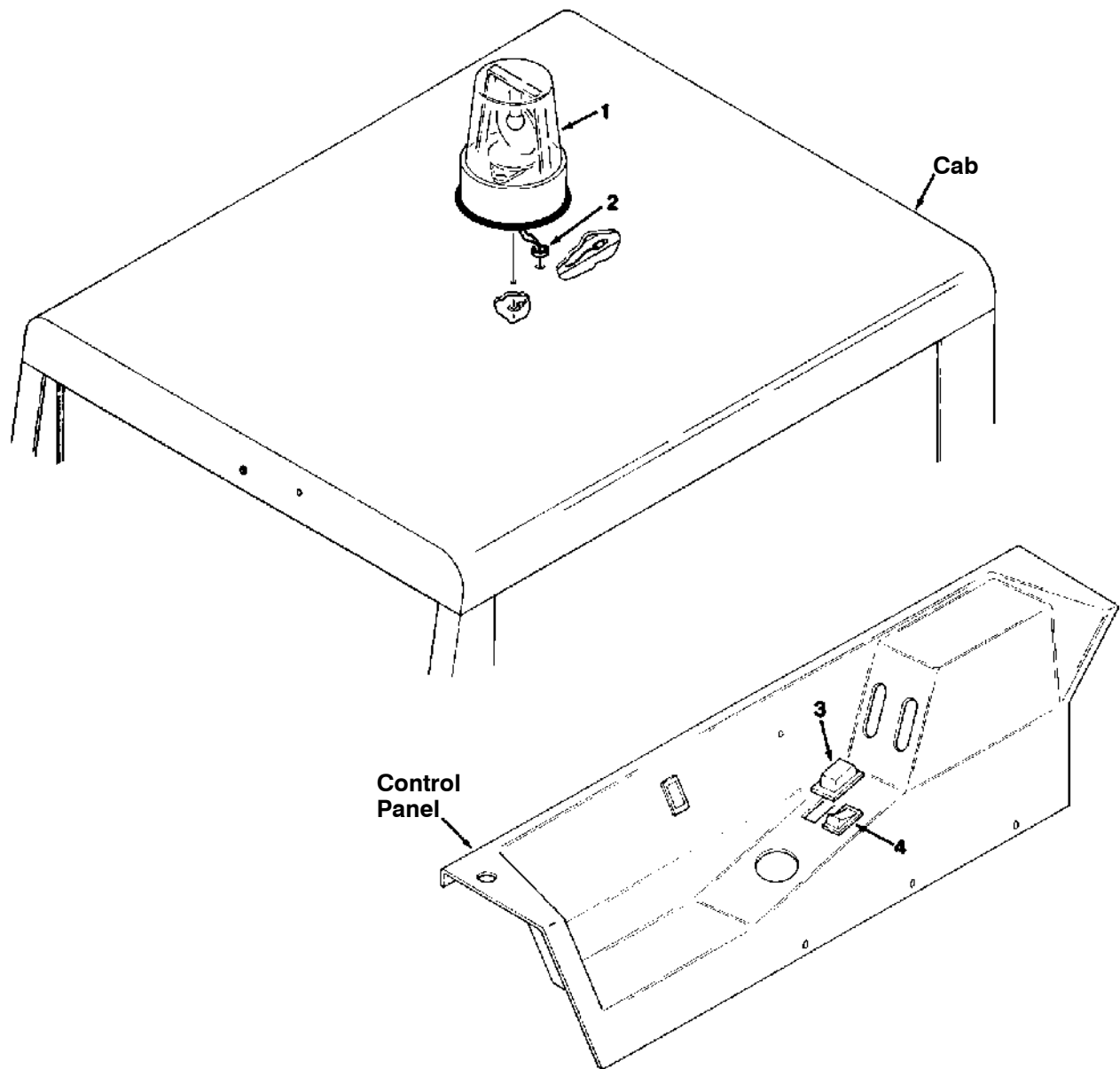


Fig. 10 – Flashing Light Kit, Shroud

02619

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description                | Qty. |
|-----|----------------------|--------------------------|----------------------------|------|
| 1   | 82070                | (000000– )               | Light Kit, Flashing, Amber | 1    |
|     | 82063                | (000000– )               | Light Assembly, Flashing   | 1    |
|     | 58520                | (000000– )               | Lens, Amber                | 1    |
|     | 45779                | (000000– )               | Bulb                       | 1    |
| 2   | 57220                | (000000– )               | Plate, Mounting            | 1    |
| 3   | 10632–2              | (000000– )               | Grommet                    | 2    |
| 4   | 82738                | (000000– )               | Bracket, Mounting          | 1    |
| 5   | 57807                | (000000– )               | Seal, Switch               | 1    |
| 6   | 31965                | (000000– )               | Switch, Rocker             | 1    |
| 7   | 49266                | (000000– )               | Tie, Cable                 | 1    |
| 8   | 82062                | (000000– )               | Wire Harness               | 1    |
|     | 58518                | (000000– )               | Lens, Red                  | 1    |
|     | 58519                | (000000– )               | Lens, Blue                 | 1    |

NOTE: To identify parts shown but not listed here, see Section 5, Low Dump Model Parts.



**Fig. 11 – Revolving Light Kit, Cab**

02620

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description                 | Qty. |
|-----|----------------------|--------------------------|-----------------------------|------|
| 1   | 82068                | (000000– )               | Light Kit, Revolving, Amber | 1    |
|     | 82200                | (000000– )               | Light Assembly, Revolving   | 1    |
|     | 45779                | (000000– )               | Bulb                        | 1    |
|     | 44681–1              | (000000– )               | Lens, Amber                 | 1    |
| 2   | 10632–20             | (000000– )               | Grommet                     | 1    |
| 3   | 57807                | (000000– )               | Seal, Switch                | 1    |
| 4   | 31965                | (000000– )               | Switch, Rocker              | 1    |
|     | 44681                | (000000– )               | Lens, Red                   | 1    |
|     | 44681–2              | (000000– )               | Lens, Blue                  | 1    |

**NOTE:** To identify parts shown but not listed here, see Section 5, Low Dump Model Parts.

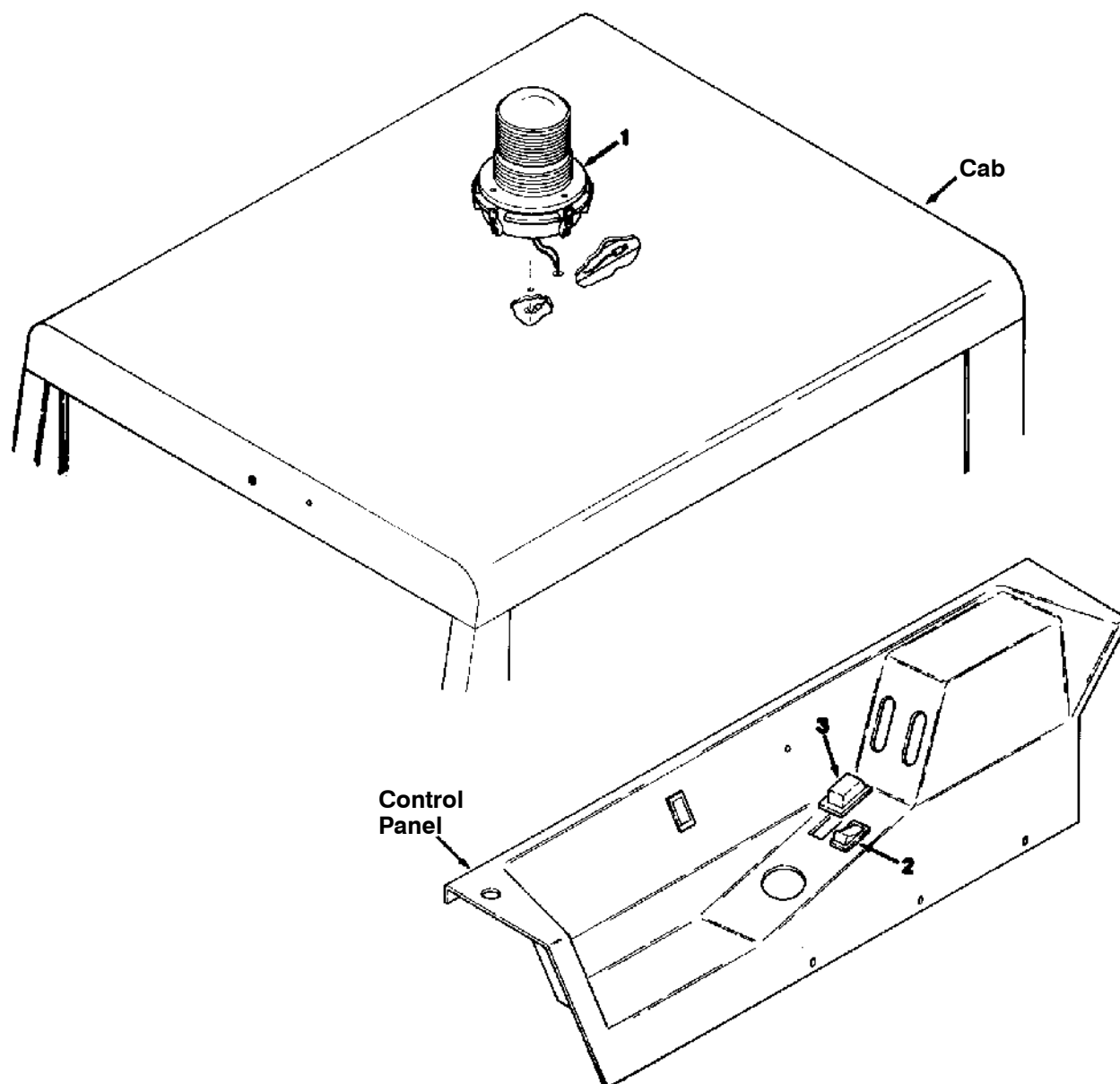
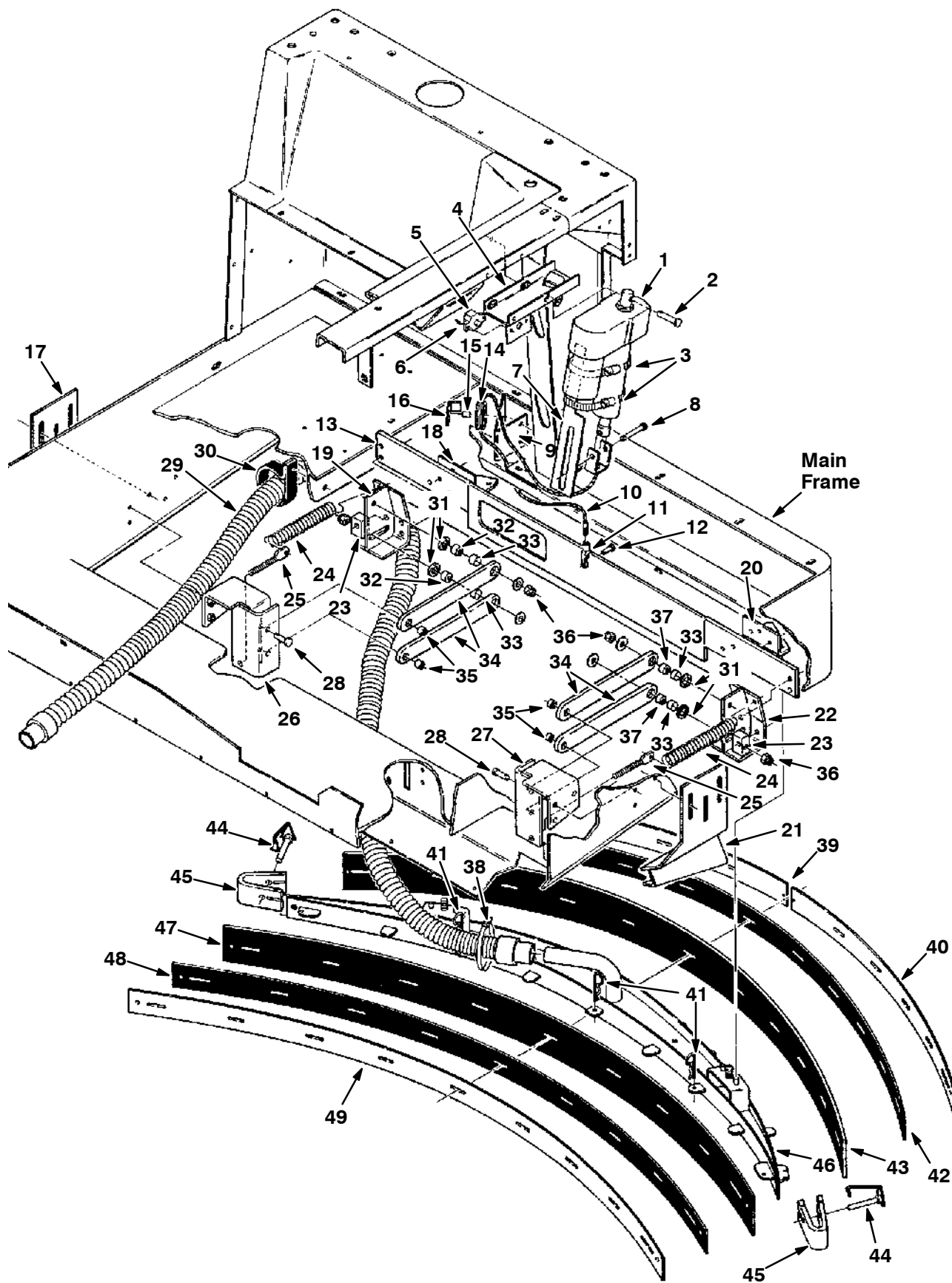


Fig. 12 – Flashing Light Kit, Cab

02621

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description                | Qty. |
|-----|----------------------|--------------------------|----------------------------|------|
| 1   | 82074                | (000000– )               | Light Kit, Flashing, Amber | 1    |
|     | 82063                | (000000– )               | Light Assembly, Flashing   | 1    |
|     | 58520                | (000000– )               | Lens, Amber                | 1    |
|     | 45779                | (000000– )               | Bulb                       | 1    |
| 2   | 31965                | (000000– )               | Switch, Rocker             | 1    |
| 3   | 57807                | (000000– )               | Seal, Switch               | 1    |
|     | 08317                | (000000– )               | Sealant, Silastic          | 1    |
|     | 58518                | (000000– )               | Lens, Red                  | 1    |
|     | 58519                | (000000– )               | Lens, Blue                 | 1    |

NOTE: To identify parts shown but not listed here, see Section 5, Low Dump Model Parts.



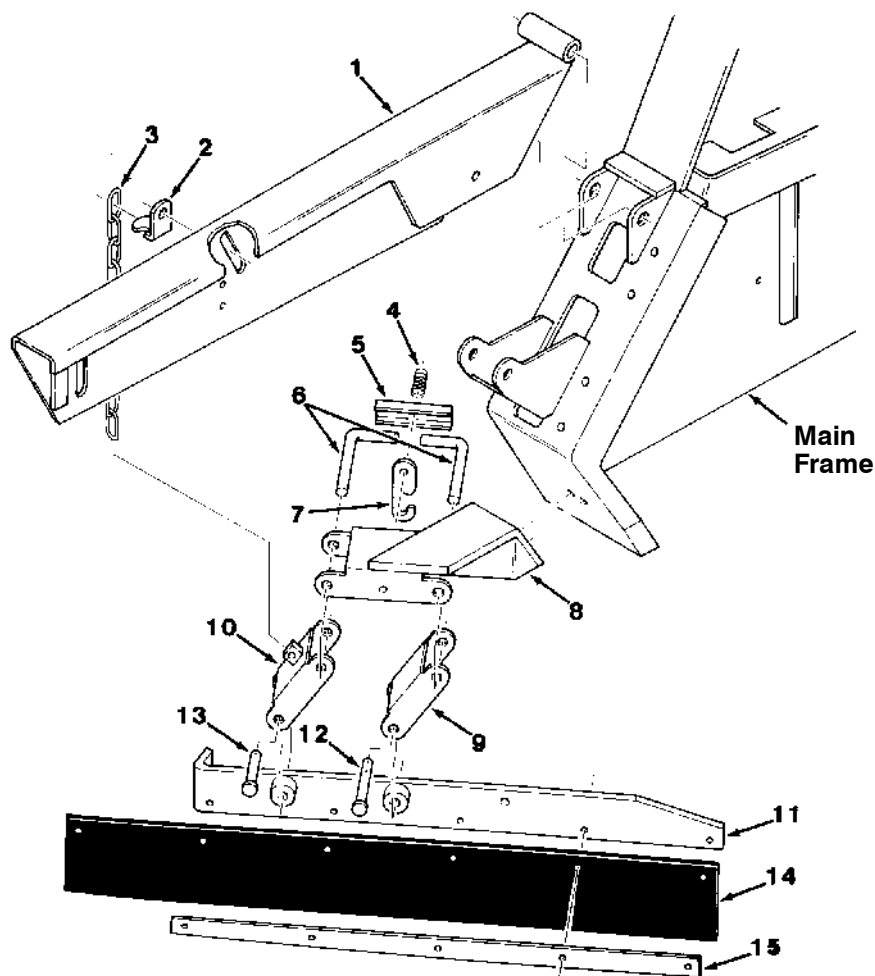
**Fig. 13 – Rear Squeegee Group**

*NOTE: To identify parts shown but not listed here, see Section 5, Low Dump Model Parts.*

Fig. 13 – Rear Squeegee Group

NOTE: Squeegees and Control Kit, TENNANT® Part Number 07522, includes Fig. 6, 13, 14, 15, and 22.

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description                 | Qty. |
|-----|----------------------|--------------------------|-----------------------------|------|
| 1   | 68853                | (000000– )               | Actuator, Side Brush Lift   | 1    |
| 2   | 63147                | (000000– )               | Pin, Clevis                 | 1    |
| 3   | 22297                | (000000– )               | Clamp, Worm Drive           | 2    |
| 4   | 12005                | (000000– )               | Mount, Squeegee Actuator    | 1    |
| 5   | 63030                | (000000– )               | Circuit Breaker, 17.5A      | 1    |
| 6   | 68106                | (000000– )               | Tab, Terminal               | 2    |
| 7   | 07529                | (000000– )               | Angle, Rotation Stop        | 1    |
| 8   | 06279                | (000000– )               | Pin, Clevis                 | 1    |
| 9   | 07063                | (000000– )               | Bracket, Pulley Lift        | 1    |
| 10  | 12008                | (000000– )               | Cable, Squeegee Lift        | 1    |
| 11  | 14595–1              | (000000– )               | Clevis, Adjustable          | 1    |
| 12  | 51727                | (000000– )               | Pin, Clevis                 | 1    |
| 13  | 07585                | (000000– )               | Bar, Squeegee Lift          | 1    |
| 14  | 58279                | (000000– )               | Pulley, Cable               | 1    |
| 15  | 07469                | (000000– )               | Sleeve                      | 1    |
| 16  | 36077                | (000000– )               | Bracket, L                  | 1    |
| 17  | 11938                | (000000– )               | Guard, Squeegee, R.H.       | 1    |
| 18  | 11925                | (000000– )               | Angle, Squeegee Mount, R.H. | 1    |
| 19  | 30383                | (000000– )               | Bracket, Link, R.H.         | 1    |
| 20  | 11924                | (000000– )               | Angle, Squeegee Mount, L.H. | 1    |
| 21  | 11939                | (000000– )               | Guard, Squeegee, L.H.       | 1    |
| 22  | 30384                | (000000– )               | Bracket, Link, L.H.         | 1    |
| 23  | 69459                | (000000– )               | Block, Pivot                | 2    |
| 24  | 07503                | (000000– )               | Spring, Tension             | 2    |
| 25  | 30386                | (000000– )               | Bolt, Eye                   | 2    |
| 26  | 11918                | (000000– )               | Mount, Linkage, R.H.        | 1    |
| 27  | 11915                | (000000– )               | Mount, Linkage, L.H.        | 1    |
| 28  | 29557                | (000000– )               | Pin, Clevis                 | 4    |
| 29  | 07477                | (000000– )               | Hose and Cuff Assembly      | 1    |
| 30  | 47795–1              | (000000– )               | Strap, Rubber               | 1    |
| 31  | 07448                | (000000– )               | Bearing, Thrust             | 4    |
| 32  | 07384                | (000000– )               | Spacer, Link                | 2    |
| 33  | 07449                | (000000– )               | Bearing, Fiberglide         | 4    |
| 34  | 07351                | (000000– )               | Link                        | 4    |
| 35  | 07447                | (000000– )               | Bearing, Bronze             | 4    |
| 36  | 59156                | (000000– )               | Nut, Nylon Hex              | 4    |
| 37  | 07382                | (000000– )               | Spacer, Link                | 2    |
|     | 04175                | (000000– )               | Squeegee Assembly, Rear     | 1    |
| 38  | 49263                | (000000– )               | Tie, Cable                  | 1    |
| 39  | 11959                | (000000– )               | Retainer, Squeegee, R.H.    | 1    |
| 40  | 11958                | (000000– )               | Retainer, Squeegee, L.H.    | 1    |
| 41  | 02942                | (000000– )               | Pin, Hair Cotter            | 3    |
| 42  | 11957                | (000000– )               | Squeegee, Rear Back–Up      | 1    |
| 43  | 07051                | (000000– )               | Blade, Rear Squeegee        | 1    |
| 44  | 02662                | (000000– )               | Pin Assembly, Keeper        | 2    |
| 45  | 11961                | (000000– )               | Bumper, Squeegee End        | 2    |
| 46  | 07478                | (000000– )               | Frame, Squeegee             | 1    |
| 47  | 11952                | (000000– )               | Blade, Front Squeegee       | 1    |
| 48  | 11956                | (000000– )               | Squeegee, Front Back–Up     | 1    |
| 49  | 11951                | (000000– )               | Band Squeegee, Front        | 1    |



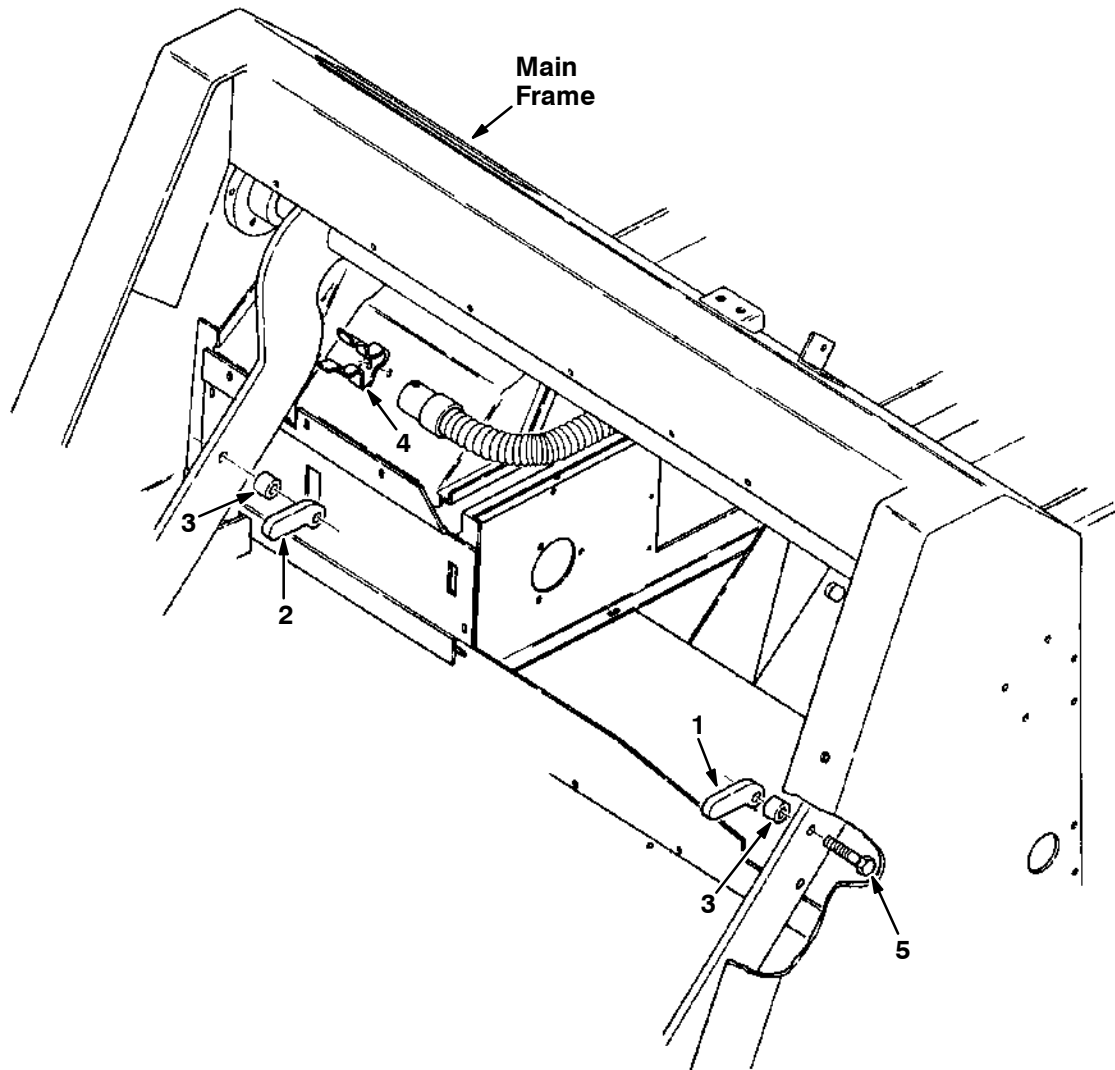
**Fig. 14 – Side Squeegee Group**

02729

**NOTE:** Squeegees and Control Kit, TENNANT® Part Number 07522, includes Fig. 6, 13, 14, 15, and 22.

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description             | Qty. |
|-----|----------------------|--------------------------|-------------------------|------|
| 1   | 48062-1              | (000000- )               | Arm, Side, R.H.         | 1    |
| 2   | 43499                | (000000- )               | Bracket, Clip           | 1    |
| 3   | 43500                | (000000- )               | Chain                   | 1    |
| 4   | 04428A               | (000000- )               | Spring, Compression     | 1    |
| 5   | 43204                | (000000- )               | Channel                 | 1    |
| 6   | 43299                | (000000- )               | Pin                     | 2    |
| 7   | 43549                | (000000- )               | Catch                   | 1    |
| 8   | 43497                | (000000- )               | Support, Squeegee       | 1    |
| 9   | 43295                | (000000- )               | Link                    | 1    |
| 10  | 43317                | (000000- )               | Link Assembly           | 1    |
| 11  | 43291                | (000000- )               | Support, Squeegee, Back | 1    |
| 12  | 43553                | (000000- )               | Pin, Clevis             | 1    |
| 13  | 43290                | (000000- )               | Pin, Clevis             | 1    |
| 14  | 60013                | (000000- )               | Squeegee, Side          | 1    |
| 15  | 43294                | (000000- )               | Retainer                | 1    |

**NOTE:** To identify parts shown but not listed here, see Section 5, Low Dump Model Parts.



**Fig. 15 – Scrub Attachment Cam Group**

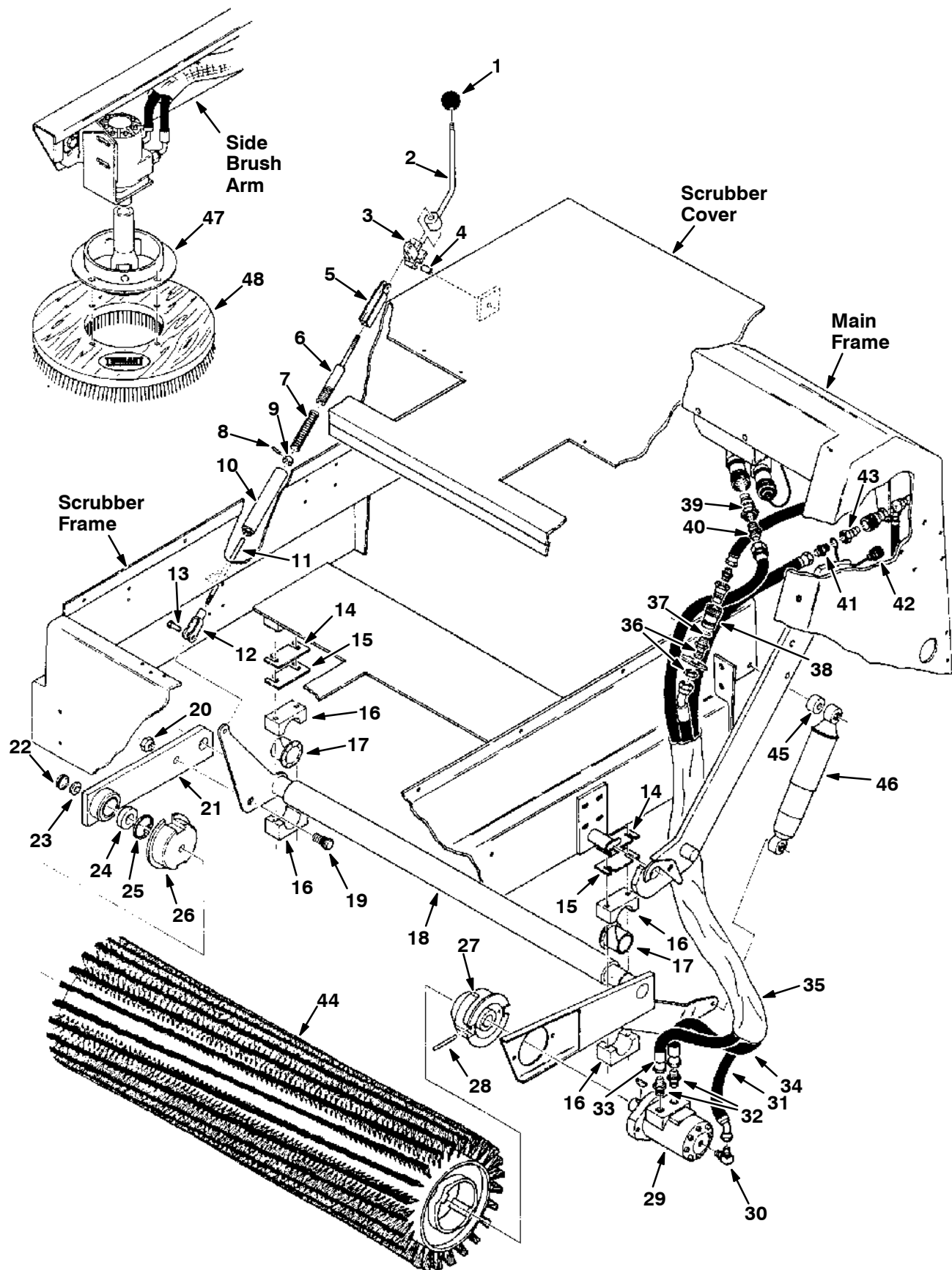
02851

**NOTE:** Squeegees and Control Kit, TENNANT® Part Number 07522, includes Fig. 6, 13, 14, 15, and 22.

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description       | Qty. |
|-----|----------------------|--------------------------|-------------------|------|
| 1   | 03114                | (000000– )               | Cam, L.H.         | 1    |
| 2   | 03139                | (000000– )               | Cam, R.H.         | 1    |
| 3   | 02997                | (000000– )               | Spacer, Cam       | 2    |
| 4   | 67004                | (000000– )               | Clip, Finger Grip | 1    |
| 5   | 03112                | (000000– )               | Screw, Hex, L.H.  | 1    |

**NOTE:** To identify parts shown but not listed here, see Section 5, Low Dump Model Parts.





**Fig. 16 – Scrub Brush Drive Group**

*NOTE: To identify parts shown but not listed here, see SECTION 5, LOW DUMP MODEL PARTS.*

Fig. 16 – Scrub Brush Drive Group

NOTE: Scrubber Attachment Kit, Tennant® Part Number 07436, includes Fig. 16, 17, 18, 19, 20, and 21.

| Key | TENNANT<br>Part No. | Machine<br>Serial Number | Description                                 | Qty. |
|-----|---------------------|--------------------------|---------------------------------------------|------|
| 1   | 26156               | (000000– )               | Knob                                        | 1    |
| 2   | 03024               | (000000– )               | Handle, Scrub Brush Lift                    | 1    |
| 3   | 43086               | (000000– )               | Crank                                       | 1    |
| 4   | 26065               | (000000– )               | Bushing, Sleeve                             | 1    |
| 5   | 43502               | (000000– )               | Clevis                                      | 1    |
| 6   | 43505               | (000000– )               | End, Cylinder                               | 1    |
| 7   | 43164               | (000000– )               | Spring, Compression                         | 1    |
| 8   | 20160               | (000000– )               | Pin, Roll                                   | 1    |
| 9   | 43116               | (000000– )               | Collar                                      | 1    |
| 10  | 43096               | (000000– )               | Cylinder, Spring                            | 1    |
| 11  | 82893               | (000000– )               | Rod, Brush Lift                             | 1    |
| 12  | 14330               | (000000– )               | Yoke, Adjustable End                        | 1    |
| 13  | 14331               | (000000– )               | Pin, Clevis                                 | 1    |
| 14  | 46642–1             | (000000– )               | Shim                                        | 4    |
| 15  | 46642–2             | (000000– )               | Shim                                        | 2    |
| 16  | 46605               | (000000– )               | Block, Bearing                              | 2    |
| 17  | 46443               | (000000– )               | Bushing, Flange                             | 2    |
| 18  | 43491               | (000000– )               | Arm and Shaft, Brush Lift                   | 1    |
| 19  | 32126               | (000000– )               | Stud, Wheel                                 | 1    |
| 20  | 24339               | (000000– )               | Nut, Angle Wheel                            | 1    |
| 21  | 46442               | (000000– )               | Arm, Brush                                  | 1    |
| 22  | 47178–13            | (000000– )               | Plugbutton                                  | 1    |
| 23  | 07026               | (000000– )               | Sleeve                                      | 1    |
| 24  | 46390               | (000000– )               | Bearing, Ball                               | 1    |
| 25  | 10464               | (000000– )               | Ring, Retaining                             | 1    |
| 26  | 07037               | (000000– )               | Plug, Brush                                 | 1    |
| 27  | 24743               | (000000– )               | Plug, Brush Drive                           | 1    |
| 28  | 11398               | (000000– )               | Pin, Roll                                   | 1    |
| 29  | 27796               | (000000– )               | Motor, Hydraulic (See Hydraulic Components) | 1    |
| 30  | 77097               | (000000– )               | Fitting, Elbow                              | 1    |
| 31  | 82648               | (000000– )               | Hose, Hydraulic                             | 1    |
| 32  | 56692               | (000000– )               | Fitting, Straight                           | 2    |
| 33  | 34356               | (000000– )               | Hose, Hydraulic                             | 1    |
| 34  | 82506               | (000000– )               | Hose, Hydraulic                             | 1    |
| 35  | 31646               | (000000– )               | Sleeve, Nylon                               | 1    |
| 36  | 82918               | (000000– )               | Fitting, Straight                           | 1    |
| 37  | 77006               | (000000– )               | Seal, O–Ring                                | 1    |
| 38  | 65084–2             | (000000– )               | Fitting, Coupling Half, Female              | 1    |
| 39  | 65084–1             | (000000– )               | Fitting, Coupling Half, Male                | 1    |
| 40  | 44869               | (000000– )               | Fitting, Straight                           | 1    |
| 41  | 06678               | (000000– )               | Fitting, Straight                           | 1    |
| 42  | 33798               | (000000– )               | Cap, Dust                                   | 1    |
| 43  | 34413               | (000000– )               | Fitting, Coupling Half, Male                | 1    |
| 44  | 43592               | (000000– )               | Brush, Scrub, 24 Row Polypropylene          | 1    |
| 45  | 43653               | (000000– )               | Sleeve                                      | 1    |
| 46  | 43652               | (000000– )               | Absorber, Shock                             | 1    |
| 47  | 02663               | (000000– )               | U–Joint Assembly, Side Brush Drive          | 1    |
| 48  | 43148               | (000000– )               | Brush, Side Scrub, Polypropylene            | 1    |

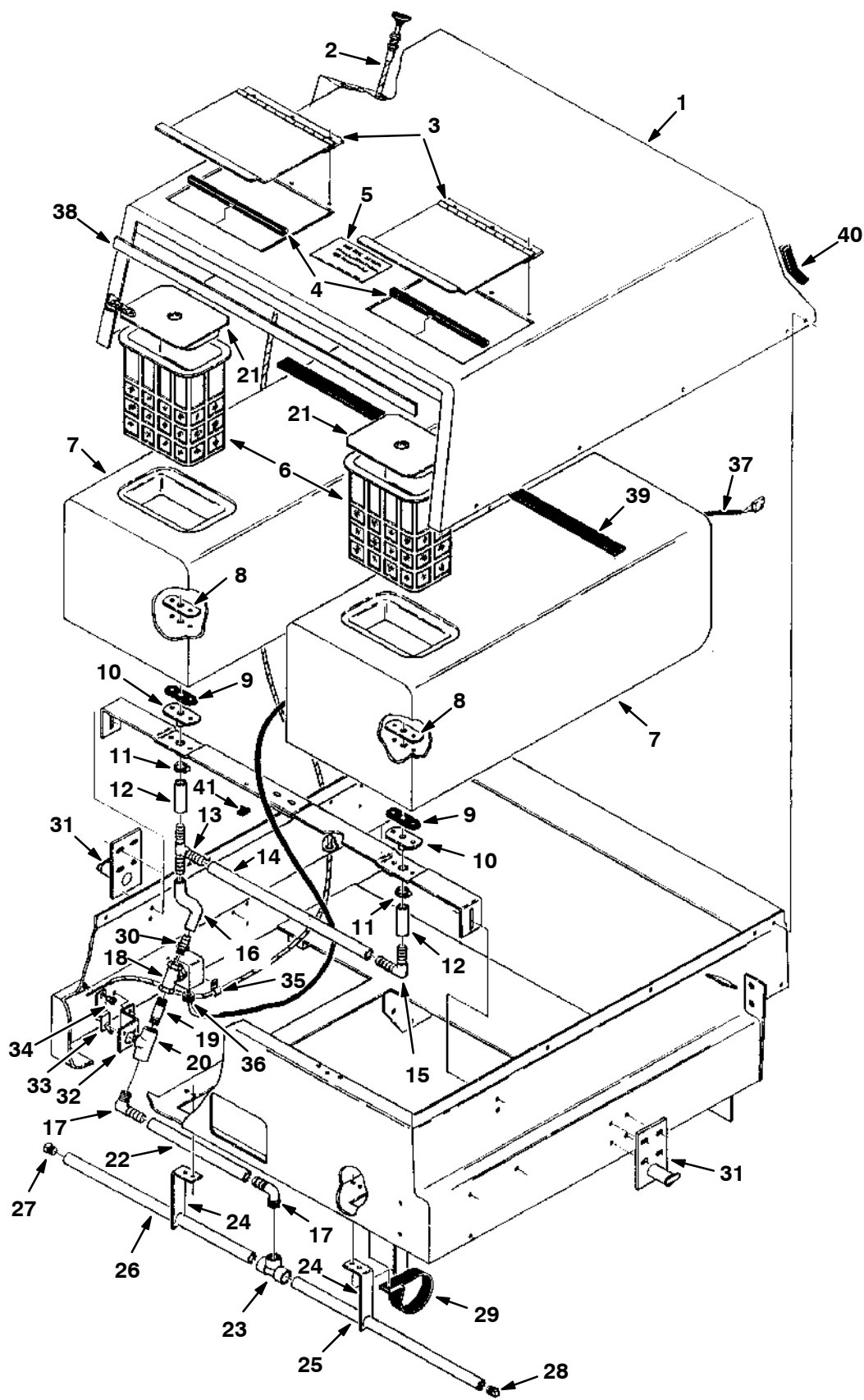


Fig. 17 – Solution Tanks Group

Fig. 17 – Solution Tanks Group

NOTE: Scrubber Attachment Kit, Tennant® Part Number 07436, includes Fig. 16, 17, 18, 19, 20, and 21.

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description                  | Qty. |
|-----|----------------------|--------------------------|------------------------------|------|
| 1   | 82949                | (000000– )               | Cover, Scrubber              | 1    |
| 2   | 03074                | (000000– )               | Cable, Control               | 1    |
| 3   | 43287                | (000000– )               | Lid                          | 2    |
| 4   | 49282                | (000000– )               | Molding, Rigid               | 2    |
| 5   | 46847                | (000000– )               | Label, Detergent Recommended | 1    |
| 6   | 43516A               | (000000– )               | Basket, Soap                 | 2    |
| 7   | 82887                | (000000– )               | Tank, Detergent              | 2    |
| 8   | 43056                | (000000– )               | Flange                       | 2    |
| 9   | 43016                | (000000– )               | Gasket                       | 2    |
| 10  | 43057                | (000000– )               | Connector                    | 2    |
| 11  | 54333                | (000000– )               | Clamp, Worm Drive            | 2    |
| 12  | 45487–1              | (000000– )               | Hose, Vinyl                  | 2    |
| 13  | 45488                | (000000– )               | Fitting, Barbed Tee          | 1    |
| 14  | 45487–3              | (000000– )               | Hose, Vinyl                  | 1    |
| 15  | 45486                | (000000– )               | Fitting, Barbed Elbow        | 1    |
| 16  | 03073                | (000000– )               | Hose, Vinyl                  | 1    |
| 17  | 45484                | (000000– )               | Fitting, Barbed Elbow        | 2    |
| 18  | 82599                | (000000– )               | Valve Assembly, Solenoid     | 1    |
| 19  | 11442–3              | (000000– )               | Fitting, Nipple              | 1    |
| 20  | 12770                | (000000– )               | Water, Valve                 | 1    |
| 21  | 02967                | (000000– )               | Plug Assembly, Soap Basket   | 2    |
| 22  | 45487–4              | (000000– )               | Hose, Vinyl                  | 1    |
| 23  | 56092                | (000000– )               | Fitting, Tee                 | 1    |
| 24  | 45481                | (000000– )               | Hanger                       | 2    |
| 25  | 56090                | (000000– )               | Tube, Spreader               | 1    |
| 26  | 45528                | (000000– )               | Tube, Spreader               | 1    |
| 27  | 01622                | (000000– )               | Plug, Pipe/w Hole            | 1    |
| 28  | 56119                | (000000– )               | Fitting, Plug                | 1    |
| 29  | 47795–1              | (000000– )               | Strap, Rubber                | 1    |
| 30  | 79273–4              | (000000– )               | Fitting, Barbed Coupling     | 1    |
| 31  | 43039                | (000000– )               | Support                      |      |
| 2   |                      |                          |                              |      |
| 32  | 12046                | (000000– )               | Bracket                      | 1    |
| 33  | 12047                | (000000– )               | Arm, Water Valve             | 1    |
| 34  | 43242                | (000000– )               | Swivel                       | 1    |
| 35  | 40678                | (000000– )               | Clamp, Conduit               | 1    |
| 36  | 10632–4              | (000000– )               | Grommet, Rubber              | 1    |
| 37  | 07442                | (000000– )               | Wire Harness, Scrubber       | 1    |
| 38  | 02925                | (000000– )               | Seal, Foam Rubber            | 1    |
| 39  | 02970                | (000000– )               | Seal, Rubber                 | 1    |
| 40  | 62170–4              | (000000– )               | Molding, Rigid               | 1    |
| 41  | 46236                | (000000– )               | Clamp, Cable                 | 2    |

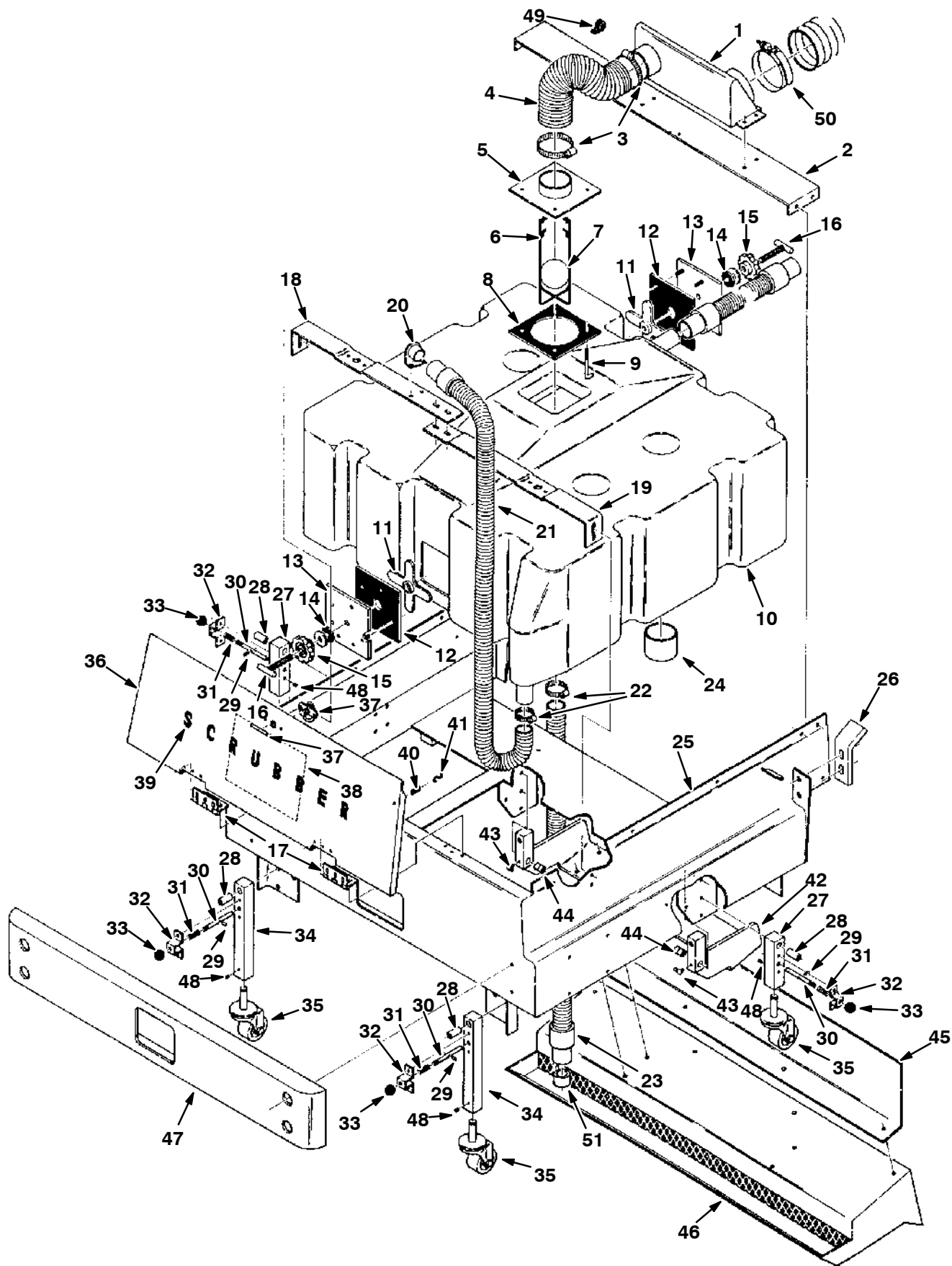
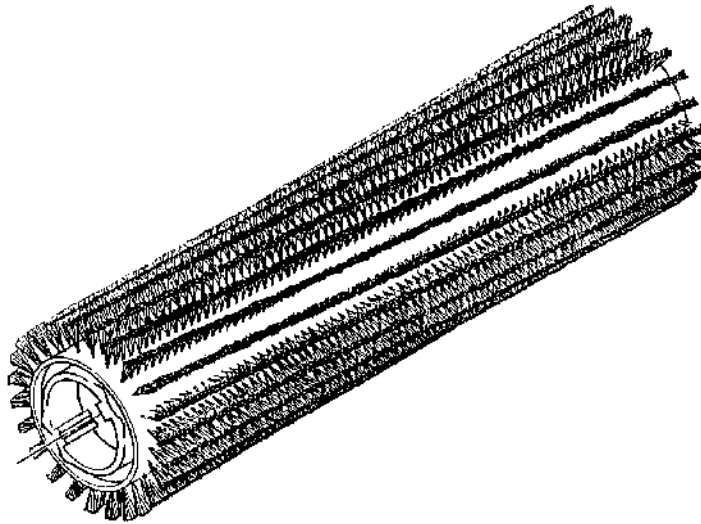


Fig. 18 – Recovery Tank Group

Fig. 18 – Recovery Tank Group

NOTE: Scrubber Attachment Kit, Tennant® Part Number 07436, includes Fig. 16, 17, 18, 19, 20, and 21.

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description                  | Qty. |
|-----|----------------------|--------------------------|------------------------------|------|
| 1   | 03130                | (000000– )               | Duct, Vacuum                 | 1    |
| 2   | 82959                | (000000– )               | Brace                        | 1    |
| 3   | 43555                | (000000– )               | Clamp, Worm Drive            | 2    |
| 4   | 43490                | (000000– )               | Hose, Flex                   | 1    |
| 5   | 47475                | (000000– )               | Collar, Float Cage           | 1    |
| 6   | 56489                | (000000– )               | Guide, Float                 | 1    |
| 7   | 43170                | (000000– )               | Float, Ball                  | 1    |
| 8   | 43552                | (000000– )               | Gasket                       | 1    |
| 9   | 32685                | (000000– )               | Bolt, J                      | 4    |
| 10  | 82888                | (000000– )               | Tank, Recovery               | 1    |
| 11  | 82939                | (000000– )               | Cam, Locking                 | 2    |
| 12  | 32683                | (000000– )               | Seal, Cleanout Door          | 2    |
| 13  | 12878                | (000000– )               | Door, Cleanout               | 2    |
| 14  | 82967                | (000000– )               | Seal, Washer                 | 2    |
| 15  | 82958                | (000000– )               | Knob, Cleanout Door          | 2    |
| 16  | 03043                | (000000– )               | Handle, Cleanout Door        | 2    |
| 17  | 47974                | (000000– )               | Hinge                        | 2    |
| 18  | 03141                | (000000– )               | Bracket, Mounting, R.H.      | 1    |
| 19  | 03142                | (000000– )               | Bracket, Mounting, L.H.      | 1    |
| 20  | 20215                | (000000– )               | Plug                         | 1    |
| 21  | 69207                | (000000– )               | Hose, Drain                  | 1    |
| 22  | 11531                | (000000– )               | Clamp, Worm Drive            | 2    |
| 23  | 43207                | (000000– )               | Hose and Cuff Assembly       | 1    |
| 24  | 32677                | (000000– )               | Tube, Tank Locating          | 2    |
| 25  | 07437                | (000000– )               | Frame, Scrubber              | 1    |
| 26  | 82590                | (000000– )               | Support, L.H.                | 1    |
| 27  | 43615                | (000000– )               | Leg, Rear                    | 2    |
| 28  | 43609                | (000000– )               | Sleeve                       | 4    |
| 29  | 20160                | (000000– )               | Pin, Roll                    | 4    |
| 30  | 32449                | (000000– )               | Pin, Threaded                | 4    |
| 31  | 04428A               | (000000– )               | Spring, Compression          | 4    |
| 32  | 43030                | (000000– )               | Bracket, Pin                 | 4    |
| 33  | 26565                | (000000– )               | Knob                         | 4    |
| 34  | 43614                | (000000– )               | Leg, Front                   | 2    |
| 35  | 43616                | (000000– )               | Stem, Swivel Caster          | 4    |
| 36  | 82957                | (000000– )               | Door, Tank                   | 1    |
| 37  | 82964                | (000000– )               | Latch, Spring Tee            | 1    |
| 38  | 02962                | (000000– )               | Label, Scrubber Installation | 1    |
| 39  | 46276                | (000000– )               | Label, Scrubber              | 1    |
| 40  | 43203                | (000000– )               | Chain                        | 1    |
| 41  | 43363                | (000000– )               | Hook, S                      | 1    |
| 42  | 43005                | (000000– )               | Support, Trough              | 1    |
| 43  | 11048                | (000000– )               | Fitting, Grease              | 2    |
| 44  | 26065                | (000000– )               | Bushing, Sleeve              | 2    |
| 45  | 53368                | (000000– )               | Shield, Spray                | 1    |
| 46  | 43004                | (000000– )               | Trough, Pickup               | 1    |
| 47  | 82891                | (000000– )               | Channel, Bumper              | 1    |
| 48  | 39336                | (000000– )               | Screw, Set                   | 4    |
| 49  | 26395                | (000000– )               | Clamp, Cable                 | 1    |
| 50  | 02912                | (000000– )               | Clamp, Hose                  | 1    |
| 51  | 46688                | (000000– )               | Sleeve                       | 1    |

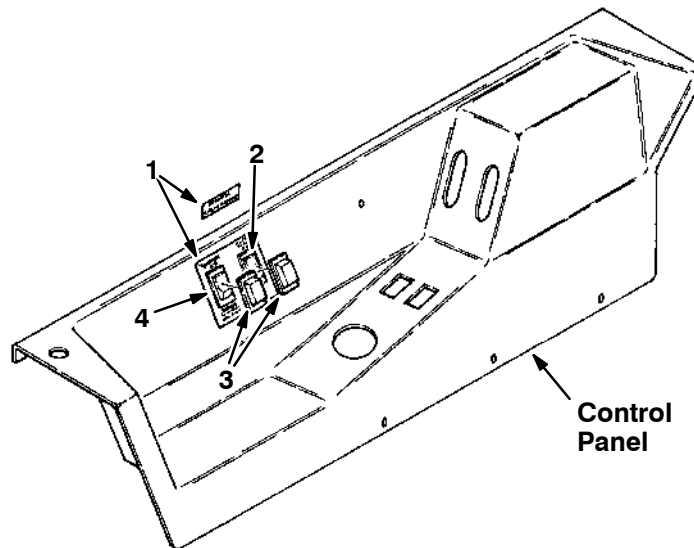


**Fig. 19 – Main Scrubber Brush Group**

04479

*NOTE: Scrubber Attachment Kit, Tennant® Part Number 07436, includes Fig. 16, 17, 18, 19, 20, and 21.*

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description                        | Qty. |
|-----|----------------------|--------------------------|------------------------------------|------|
| 1   | 43592                | (000000— )               | Brush, Scrub, 24 Row Polypropylene | 1    |

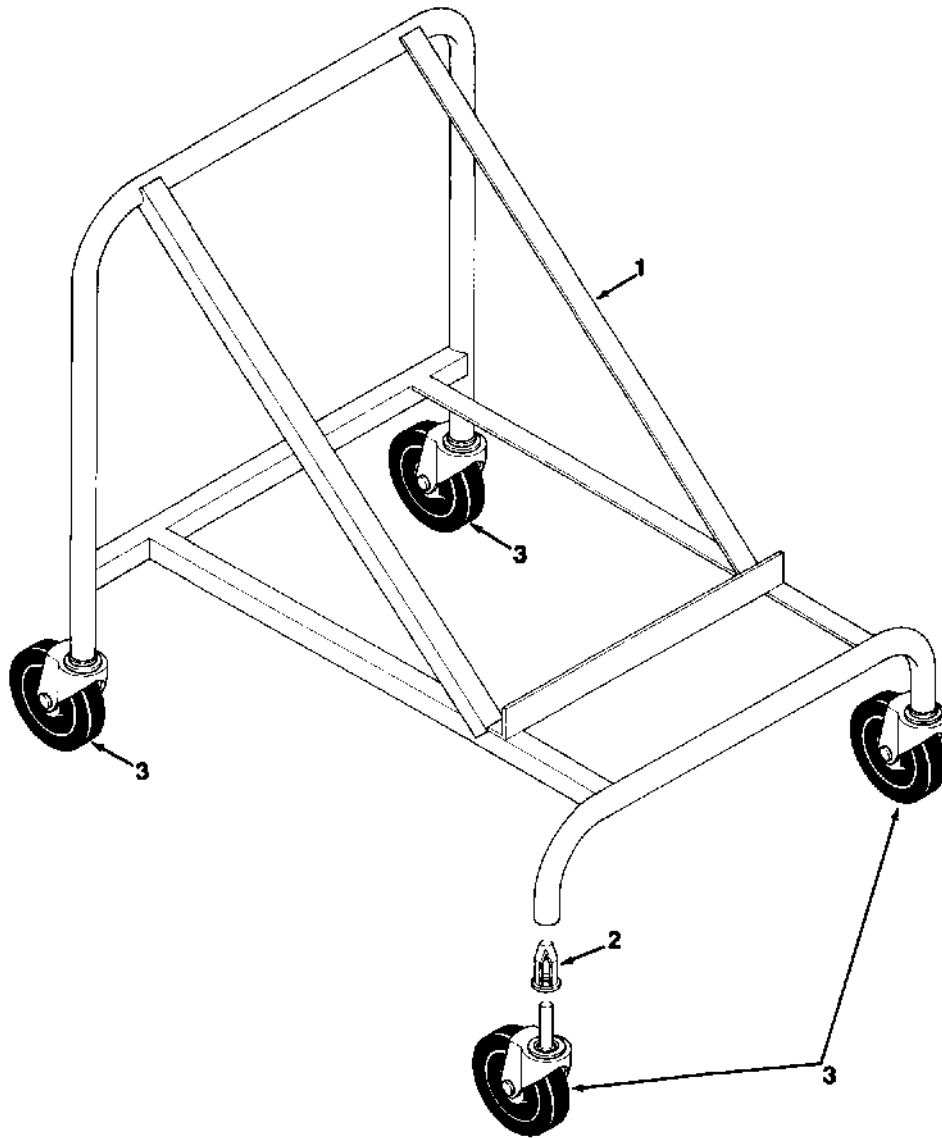


**Fig. 20 – Instrument Panel Group**

04475

*NOTE: Scrubber Attachment Kit, Tennant® Part Number 07436, includes Fig. 16, 17, 18, 19, 20, and 21.*

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description                 | Qty. |
|-----|----------------------|--------------------------|-----------------------------|------|
| 1   | 07566                | (000000— )               | Label Set, Scrubber Control | 1    |
| 2   | 31965                | (000000— )               | Switch, Rocker, SPST        | 1    |
| 3   | 57807                | (000000— )               | Seal, Rocker Switch         | 2    |
| 4   | 31964                | (000000— )               | Switch, Rocker, DPDT        | 1    |



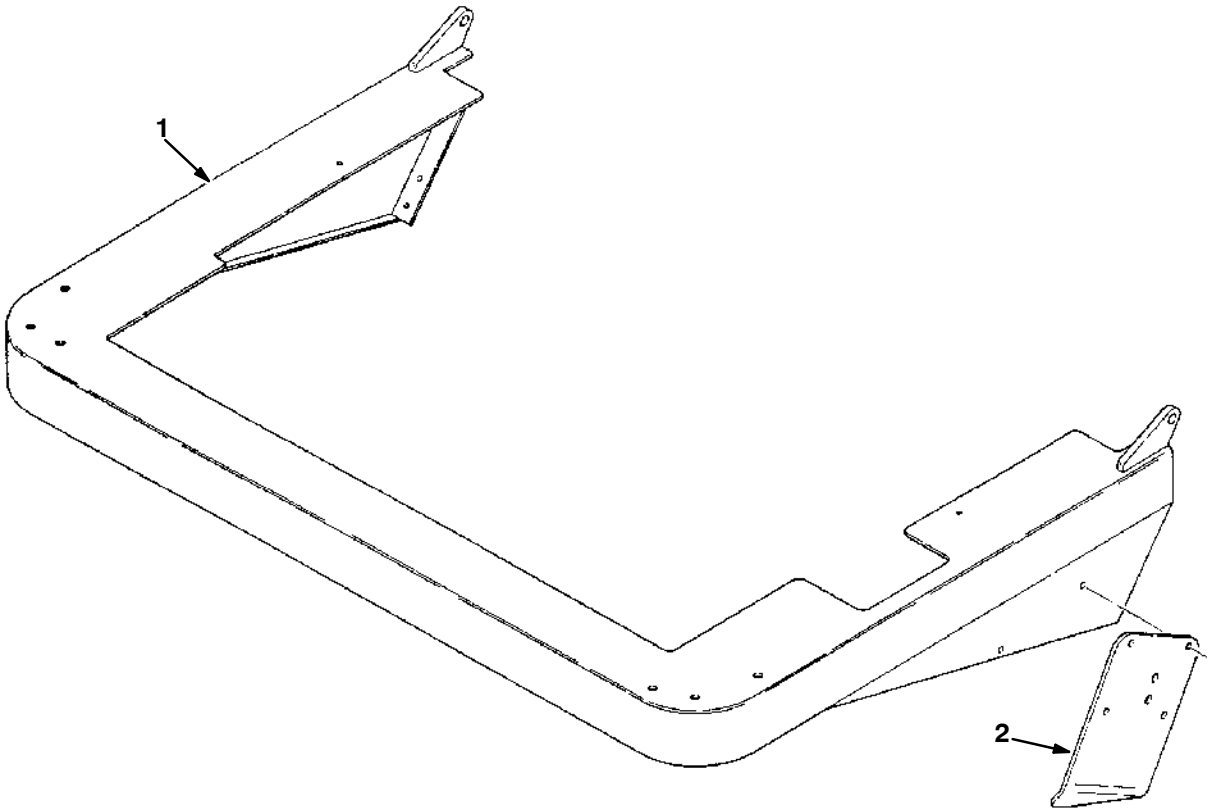
**Fig. 21 – Hopper Dolly Assembly**

02594

*NOTE: Scrubber Attachment Kit, Tennant® Part Number 07436, includes Fig. 16, 17, 18, 19, 20, and 21. Snow Broom Kit, TENNANT® Part Number 02629, includes Fig. 3, 4, 5, and 21. Snow Blade Kit, TENNANT® Part Number 37136, includes Fig. 2, 4, 5, and 21.*

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description            | Qty. |
|-----|----------------------|--------------------------|------------------------|------|
|     | 24147                | (000000– )               | Dolly Assembly, Hopper | 1    |
| 1   | 24145                | (000000– )               | Dolly, Hopper          | 1    |
| 2   | 24149                | (000000– )               | Socket, Caster         | 4    |
| 3   | 24259A               | (000000– )               | Caster                 | 4    |





02728

**Fig. 22 – Scrubber Bumper Group**

*NOTE: Squeegees and Control Kit, TENNANT® Part Number 07522, includes Fig. 6, 13, 14, 15, and 22.*

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description      | Qty. |
|-----|----------------------|--------------------------|------------------|------|
| 1   | 03022                | (000000— )               | Bumper, Scrubber | 1    |
| 2   | 43346A               | (000000— )               | Guard, Motor     | 1    |

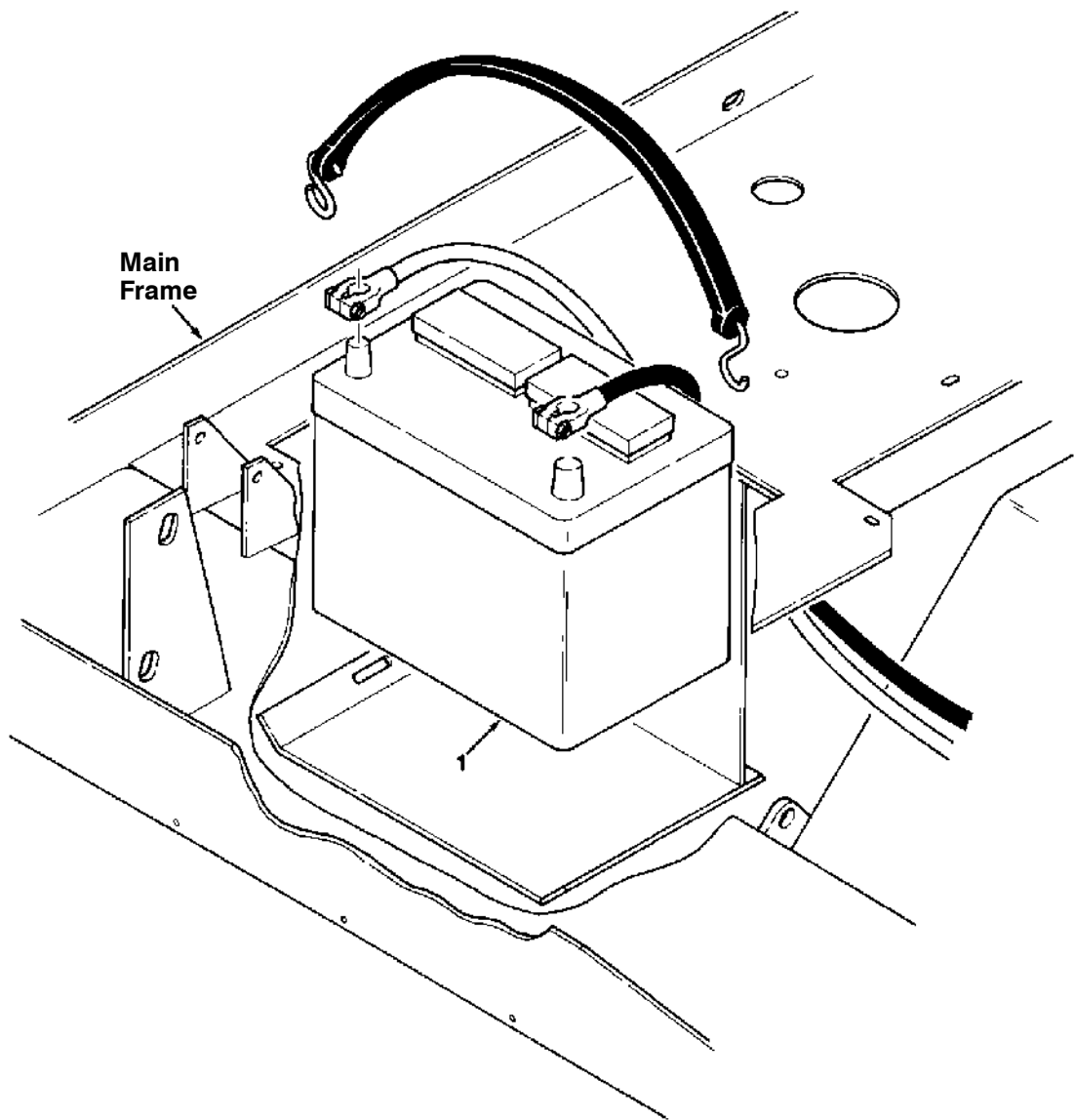
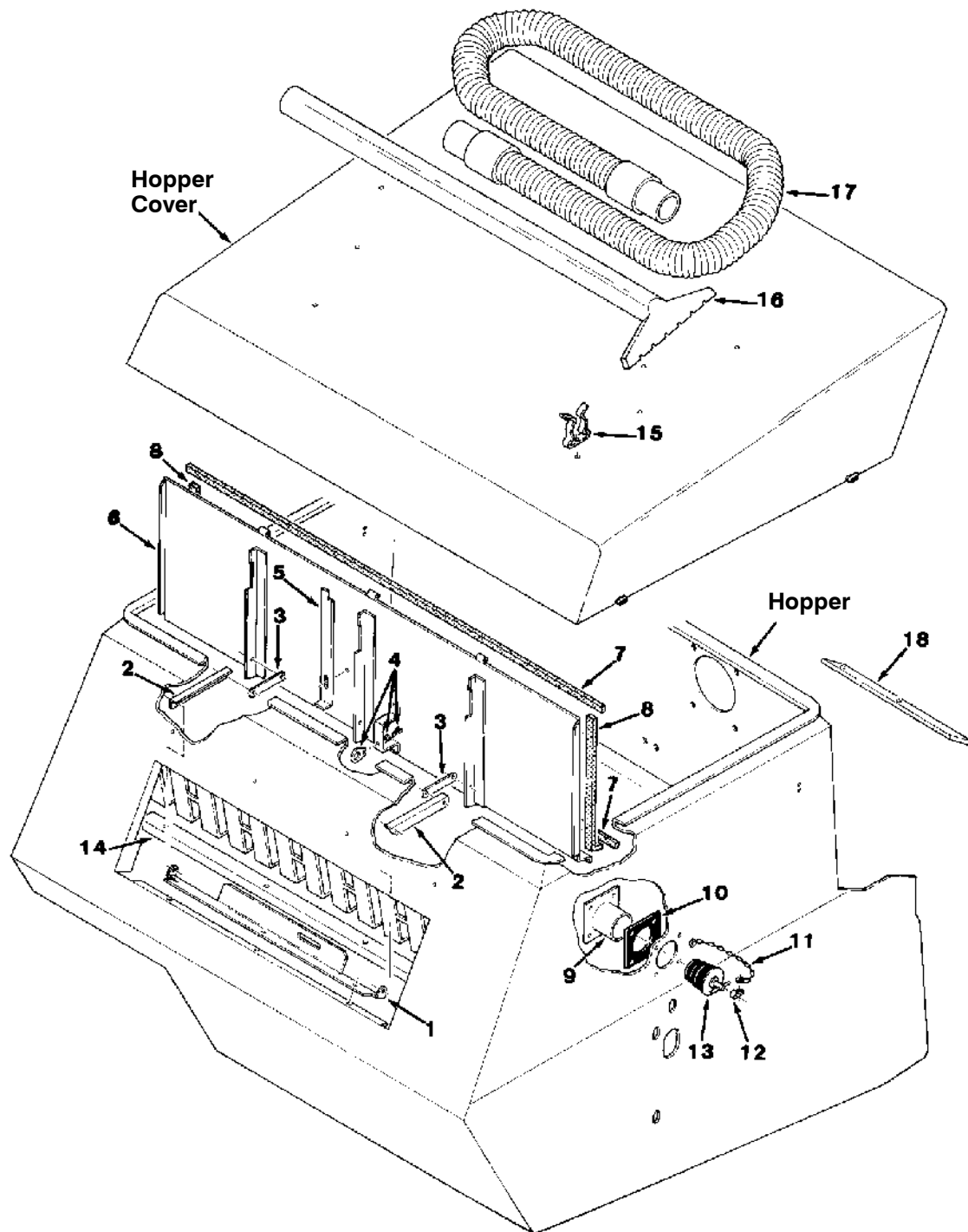


Fig. 23 – Dry Battery Kit

02797

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description           | Qty. |
|-----|----------------------|--------------------------|-----------------------|------|
| 1   | 10144                | (000000– )               | Battery, Dry, 540 CCA | 1    |

NOTE: To identify parts shown but not listed here, see Section 5, Low Dump Model Parts.

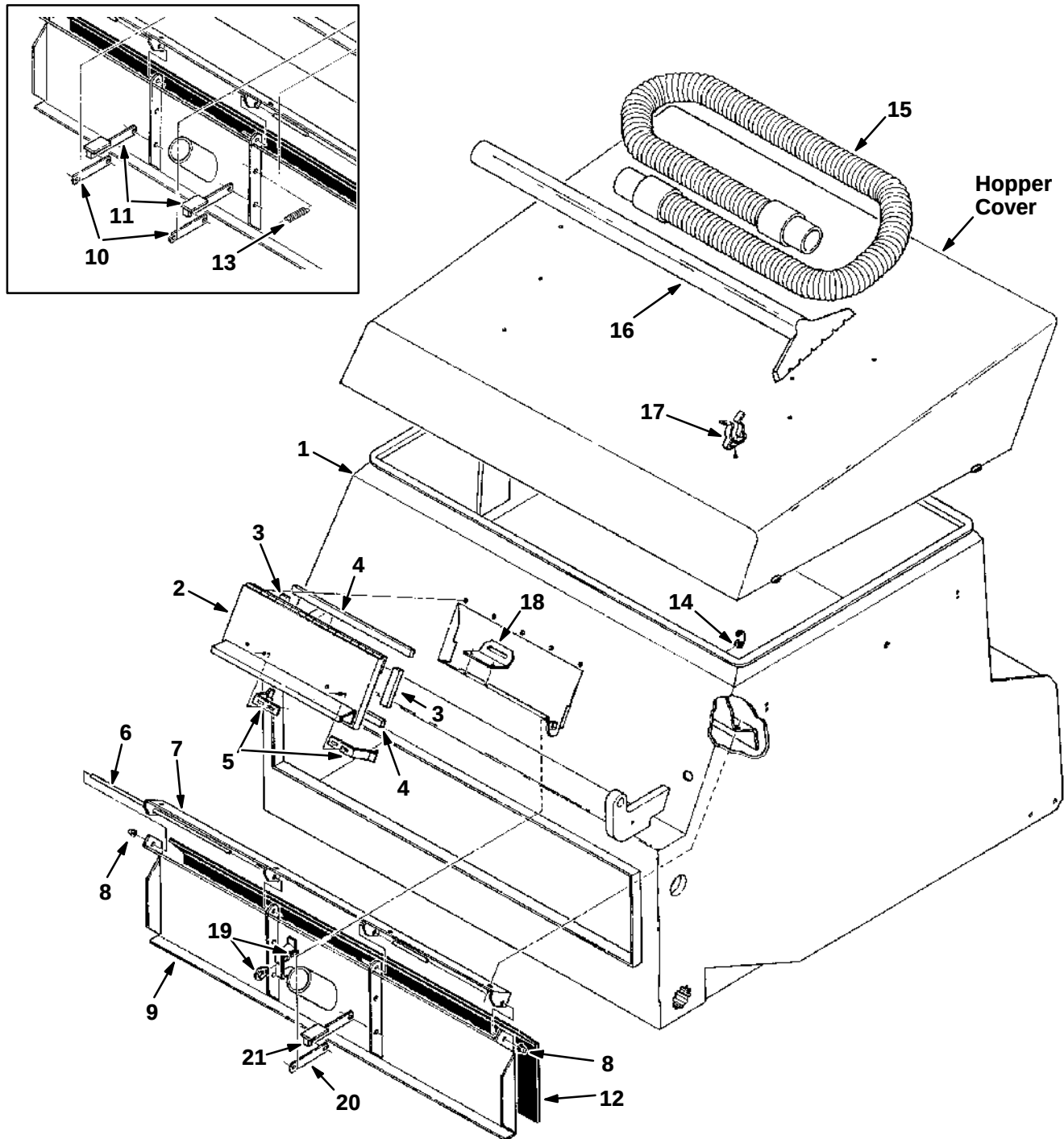


**Fig. 24 – Vacuum Wand Kit, Low Dump**

*NOTE: To identify parts shown but not listed here, see Section 5, Low Dump Model Parts.*

Fig. 24 – Vacuum Wand Kit, Low Dump

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description            | Qty. |
|-----|----------------------|--------------------------|------------------------|------|
|     | 82978                | (000000– )               | Wand Kit, Vacuum       | 1    |
| 1   | 82375                | (000000– )               | Bracket, Stop          | 1    |
| 2   | 82376                | (000000– )               | Angle, Door            | 2    |
| 3   | 82439                | (000000– )               | Bar, Door              | 2    |
| 4   | 82315                | (000000– )               | Latch, Quarter Turn    | 1    |
| 5   | 82437                | (000000– )               | Bar, Retaining         | 1    |
| 6   | 82414                | (000000– )               | Door, Vacuum Wand      | 1    |
| 7   | 82297                | (000000– )               | Seal, Door             | 2    |
| 8   | 82296                | (000000– )               | Seal, Door             | 2    |
| 9   | 82458                | (000000– )               | Adaptor, Hose          | 1    |
| 10  | 82459                | (000000– )               | Seal, Adaptor          | 1    |
| 11  | 44166                | (000000– )               | Chain                  | 1    |
| 12  | 26395–2              | (000000– )               | Clamp, Cable           | 1    |
| 13  | 42124                | (000000– )               | Plug, Drain            | 1    |
| 14  | 82419                | (000000– )               | Angle, Baffle          | 1    |
| 15  | 67004                | (000000– )               | Clip, Finger Grip      | 7    |
| 16  | 54012                | (000000– )               | Wand                   | 1    |
| 17  | 54009                | (000000– )               | Hose and Cuff Assembly | 1    |
| 18  | 82576                | (000000– )               | Counterweight          | 7    |

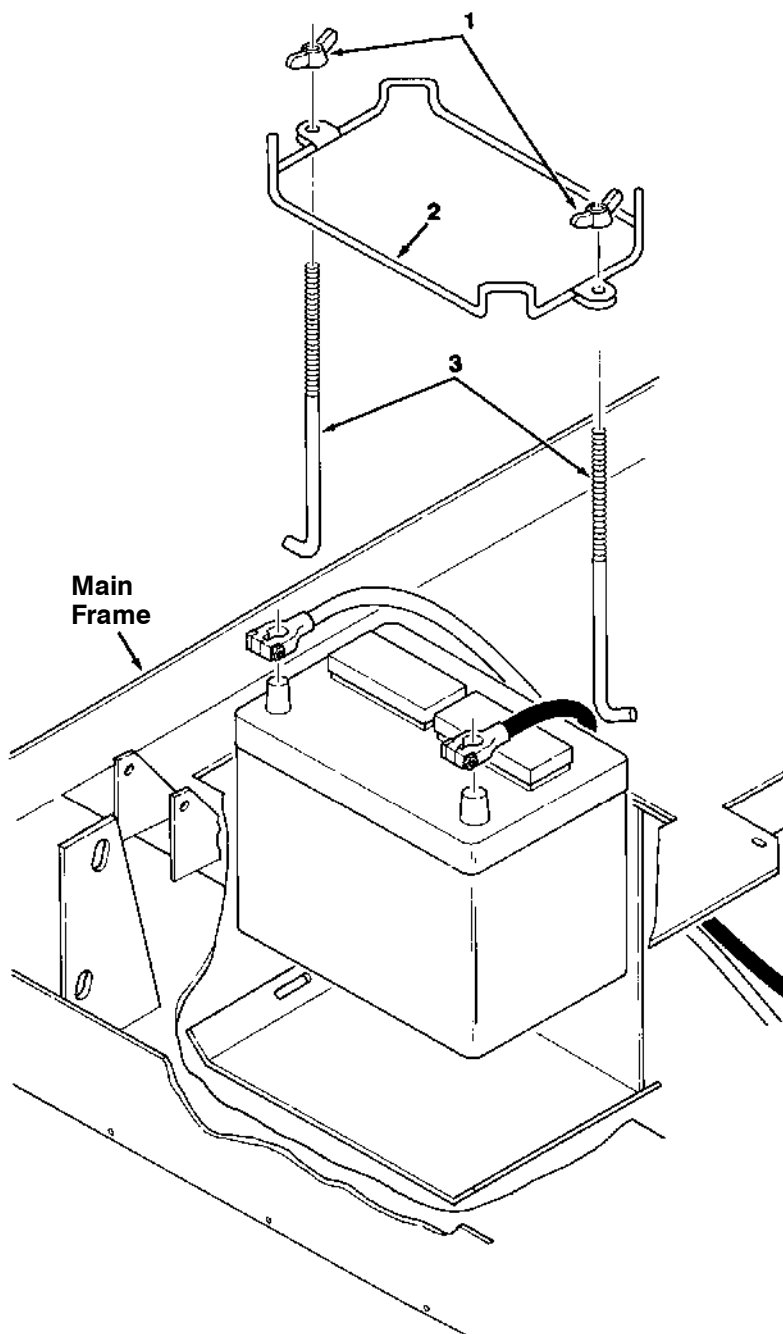


**Fig. 25 – Vacuum Wand Group, Multi-level Dump**

*NOTE: To identify parts shown but not listed here, see Section 5, Low Dump Model Parts.*

Fig. 25 – Vacuum Wand Group, Multi–level Dump

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description            | Qty. |
|-----|----------------------|--------------------------|------------------------|------|
| 1   | 02674                | (000000– )               | Hopper, Vacuum Wand    | 1    |
| 2   | 50590                | (000000– )               | Door, Access           | 1    |
| 3   | 75423                | (000000– )               | Seal, Foam Rubber      | 2    |
| 4   | 50525                | (000000– )               | Seal, Foam Rubber      | 2    |
| 5   | 53697                | (000000– )               | Catch, Spring          | 2    |
| 6   | 82283                | (000000– )               | Pin, Hinge             | 1    |
| 7   | 82280                | (000000– )               | Mount, Hinge           | 1    |
| 8   | 82284                | (000000– )               | Fastener, Cap          | 2    |
| 9   | 82275                | (000000– )               | Door, Vacuum Wand      | 1    |
| 10  | 82288                | (000000–010024)          | Link, Outer            | 2    |
| 11  | 82270                | (000000–010024)          | Link                   | 2    |
| 12  | 82292                | (000000– )               | Seal, Door             | 1    |
| 13  | 13352                | (000000–010024)          | Spring                 | 1    |
| 14  | 47591                | (000000– )               | Strain Relief          | 1    |
| 15  | 54009                | (000000– )               | Hose and Cuff Assembly | 1    |
| 16  | 54012                | (000000– )               | Wand                   | 1    |
| 17  | 67004                | (000000– )               | Clip, Finger Grip      | 7    |
| 18  | 07871                | (010025– )               | Bracket, Stop          | 1    |
| 19  | 82315                | (010025– )               | Latch, Quarter Turn    | 1    |
| 20  | 82288                | (010025– )               | Link, Outer            | 1    |
| 21  | 82270                | (010025– )               | Link                   | 1    |



**Fig. 26 – Battery Hold Down Kit**

02593

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description            | Qty. |
|-----|----------------------|--------------------------|------------------------|------|
|     | 82922                | (000000– )               | Hold Down Kit, Battery | 1    |
| 1   | 39272                | (000000– )               | Nut, Wing              | 2    |
| 2   | 13016                | (000000– )               | Bracket, Hold Down     | 1    |
| 3   | 13015                | (000000– )               | Bolt, Hold Down        | 2    |

**NOTE:** To identify parts shown but not listed here, see Section 5, Low Dump Model Parts.

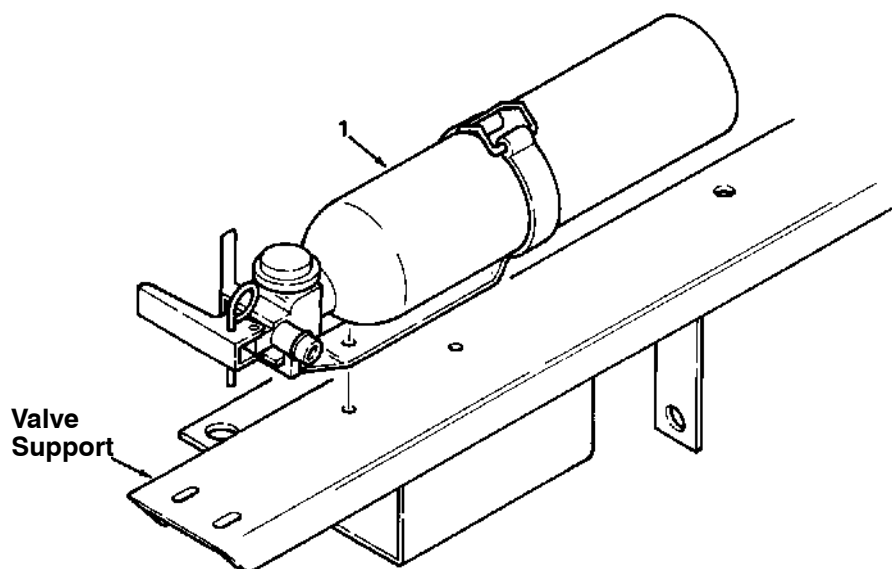


Fig. 27 – Fire Extinguisher Kit

02597

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description            | Qty. |
|-----|----------------------|--------------------------|------------------------|------|
| 1   | 46938                | (000000– )               | Extinguisher Kit, Fire | 1    |
|     | 25312                | (000000– )               | Extinguisher, Fire     | 1    |

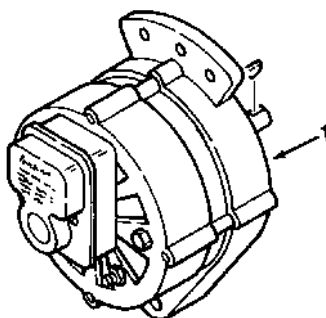


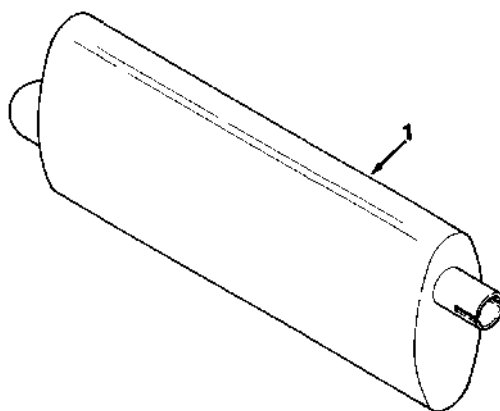
Fig. 28 – Alternator Kit

02798

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description            | Qty. |
|-----|----------------------|--------------------------|------------------------|------|
| 1   | 07211                | (000000– )               | Alternator, Sealed 51A | 1    |

*NOTE: To identify parts shown but not listed here, see Section 5, Low Dump Model Parts.*

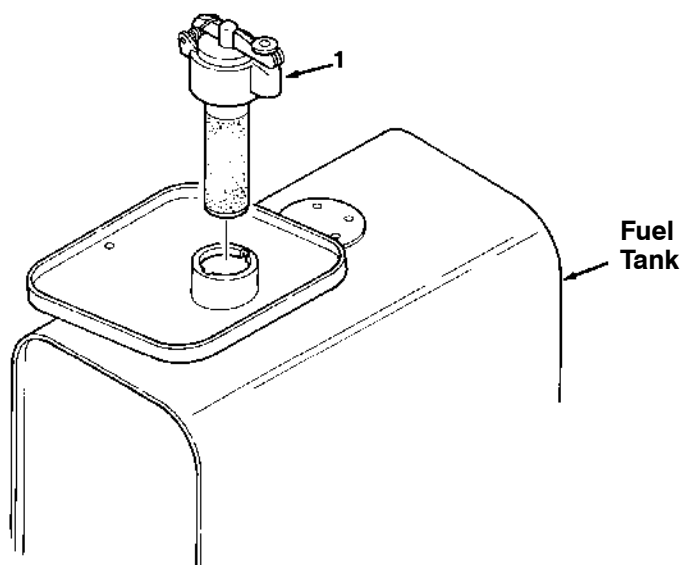




**Fig. 29 – Spark Arresting Muffler Kit**

02589

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description              | Qty. |
|-----|----------------------|--------------------------|--------------------------|------|
| 1   | 82652                | (000000 – )              | Muffler, Spark Arresting | 1    |



**Fig. 30 – Protectoseal Fuel Tank Cap Kit**

02550

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description       | Qty. |
|-----|----------------------|--------------------------|-------------------|------|
| 1   | 02506-6              | (000000 – )              | Cap, Protectoseal | 1    |

*NOTE: To identify parts shown but not listed here, see Section 5, Low Dump Model Parts.*

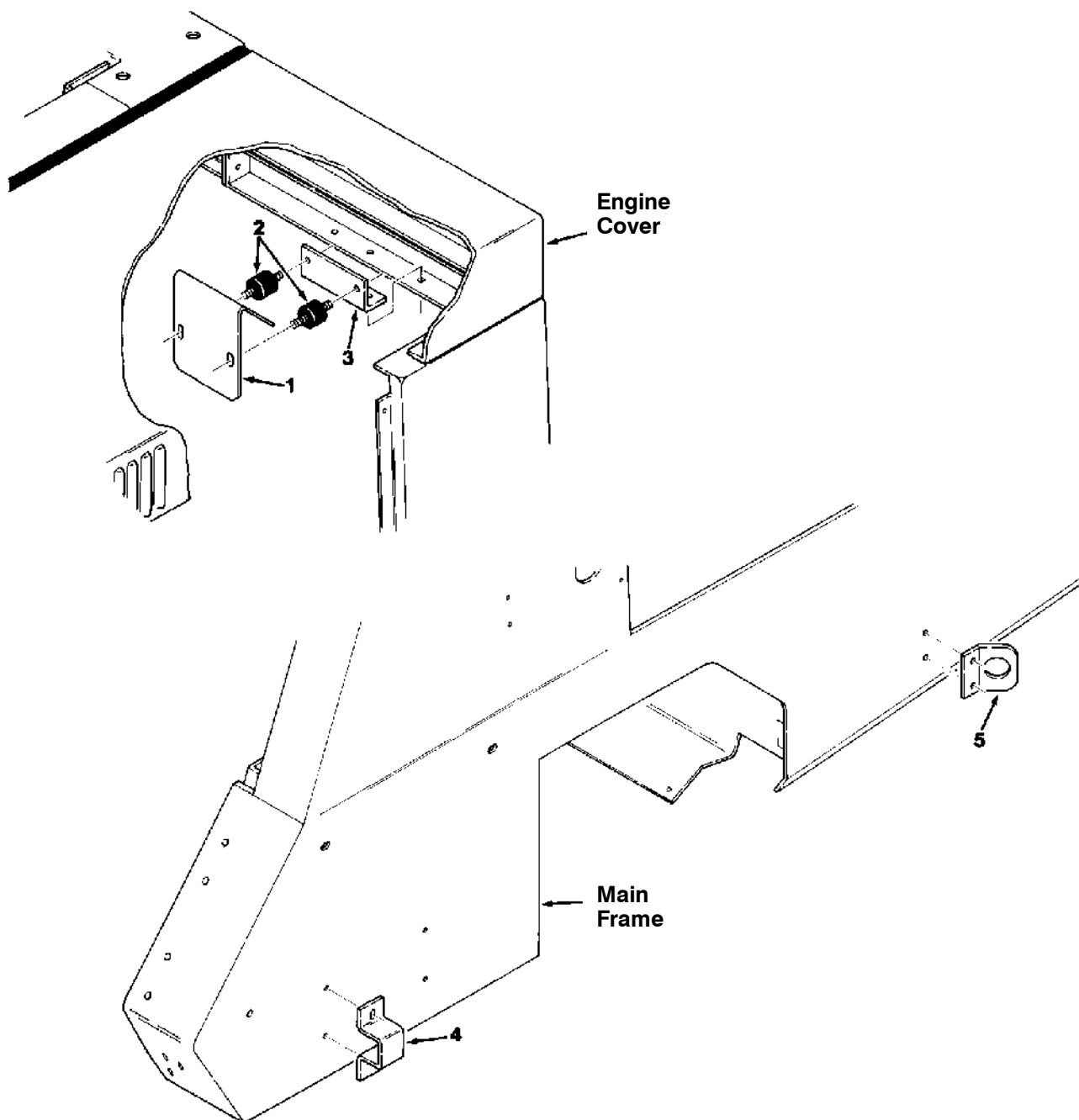
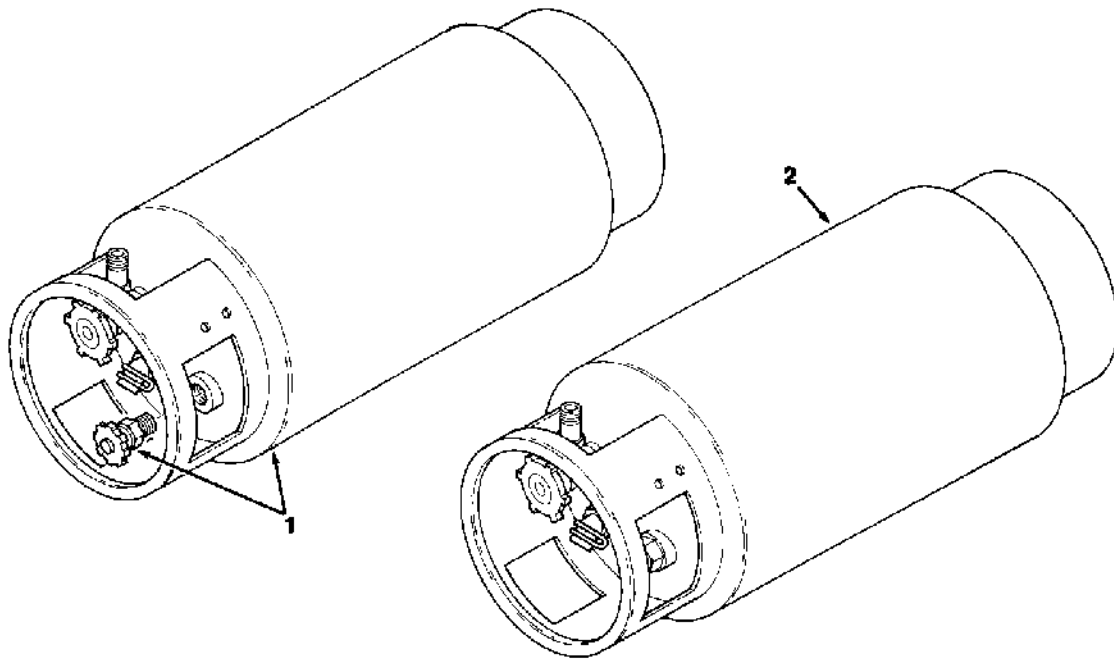


Fig. 31 – Hood Latch and Machine Tie-Down Kit

02813

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description                          | Qty. |
|-----|----------------------|--------------------------|--------------------------------------|------|
|     | 82382                | (000000– )               | Tie-Down Kit, Hood Latch and Machine | 1    |
| 1   | 82380                | (000000– )               | Latch, Engine Cover                  | 1    |
| 2   | 82661                | (000000– )               | Isolator, Vibration                  | 2    |
| 3   | 82381                | (000000– )               | Angle, Support                       | 1    |
| 4   | 82195                | (000000– )               | Bracket, Front Tie-Down              | 2    |
| 5   | 82196                | (000000– )               | Bracket, Rear Tie-Down               | 2    |

NOTE: To identify parts shown but not listed here, see Section 5, Low Dump Model Parts.



**Fig. 32 – Fuel Tanks Group, LPG**

02574

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description                  | Qty. |
|-----|----------------------|--------------------------|------------------------------|------|
| 1   | 24928-1              | (000000- )               | Tank, LPG, With Filler Valve | 1    |
| 2   | 24928                | (000000- )               | Tank, LPG                    | 1    |

*NOTE: To identify parts shown but not listed here, see Section 5, Low Dump Model Parts.*

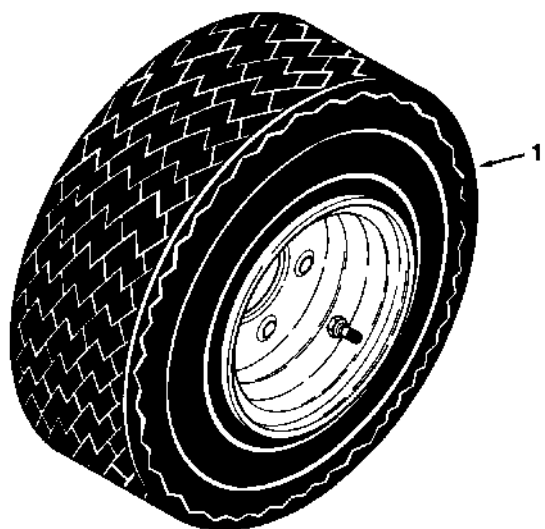


Fig. 33 – Rear Wheel Assembly, Foam Filled

02586

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description                          | Qty. |
|-----|----------------------|--------------------------|--------------------------------------|------|
| 1   | 82924                | (000000– )               | Tire and Wheel Assembly, Foam Filled | 1    |

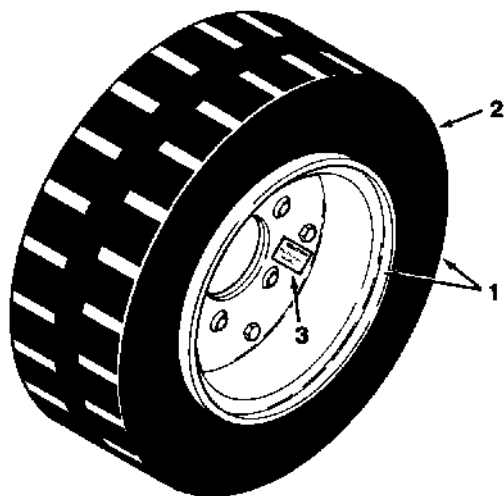
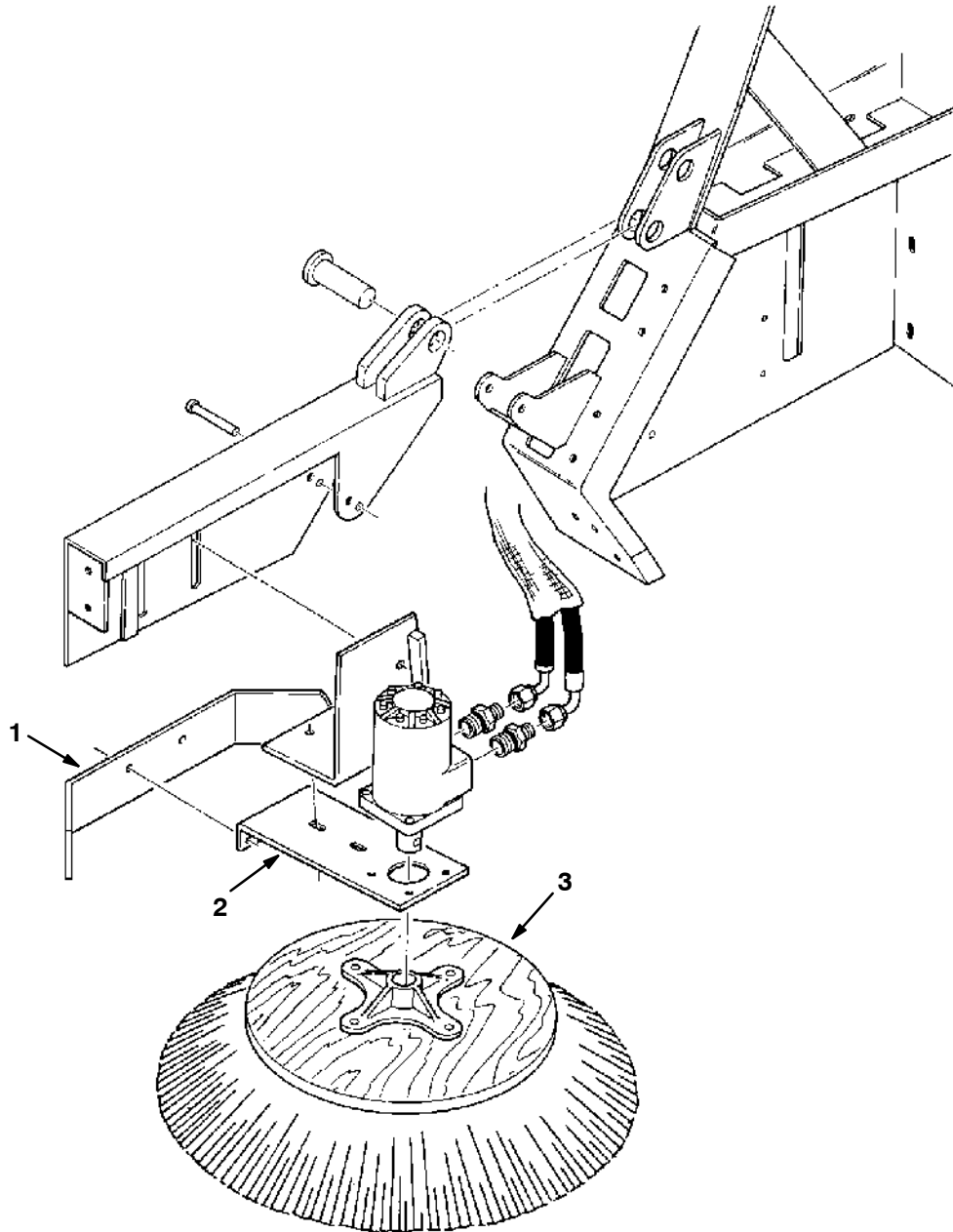


Fig. 34 – Rear Wheel Assembly, Solid

02587

| Key | TENNANT®<br>Part No. | Machine<br>Serial Number | Description                    | Qty. |
|-----|----------------------|--------------------------|--------------------------------|------|
| 1   | 53817                | (000000– )               | Tire and Wheel Assembly, Solid | 1    |
| 2   | 53816                | (000000– )               | Tire, Solid                    | 1    |
| 3   | 24507                | (000000– )               | Decal, Caution, This Side Out  | 1    |



**Fig. 35 – Extra Reach Side Brush Group, Multi-Level Dump**

04054

| Key | TENNANT<br>Part No. | Machine<br>Serial Number | Description               | Qty. |
|-----|---------------------|--------------------------|---------------------------|------|
| 1   | 08007               | (000000— )               | Bumper, Side Brush        | 1    |
| 2   | 08008               | (000000— )               | Bracket, Side Brush Motor | 1    |
| 3   | 08017               | (000000— )               | Side Brush Assembly       | 1    |

*NOTE: To identify parts shown but not listed here, see SECTION 5, LOW DUMP MODEL PARTS.*

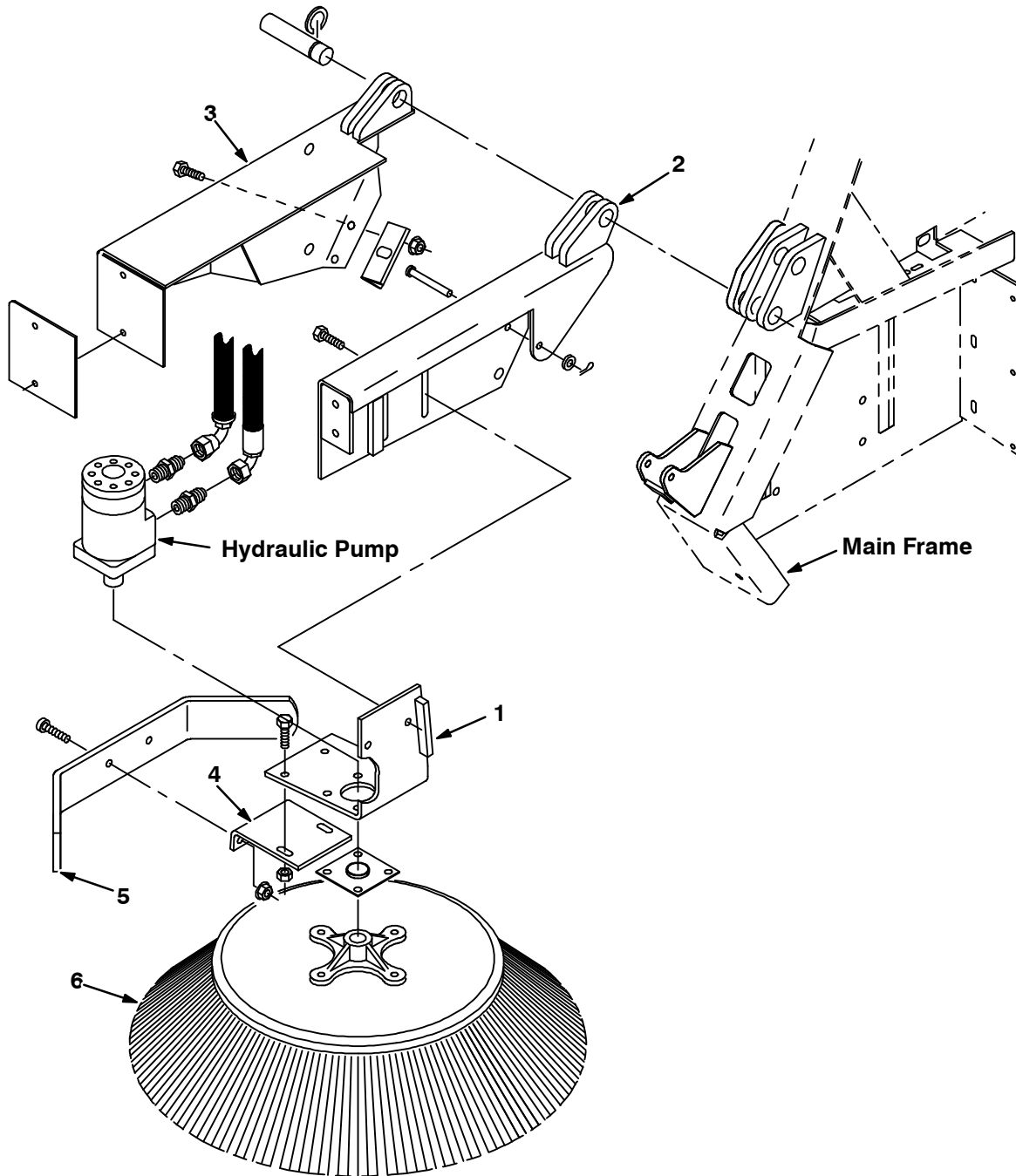


Fig. 36 – Maximum Path Side Brush Group

06094

| Key | TENNANT<br>Part No. | Machine<br>Serial Number | Description           | Qty. |
|-----|---------------------|--------------------------|-----------------------|------|
| 1   | 30522               | (000000– )               | Bracket, Gutter Sweep | 1    |
| 3   | 30523               | (000000– )               | Arm, Side Brush       | 1    |
| 3   | 30526               | (000000– )               | Bumper                | 1    |
| 4   | 30518               | (000000– )               | Bracket, Bumper       | 1    |
| 5   | 08007               | (000000– )               | Bumper                | 1    |
| 6   | 08017               | (000000– )               | Brush Assembly        | 1    |

NOTE: To identify parts shown but not listed here, see SECTION 5, LOW DUMP MODEL PARTS.

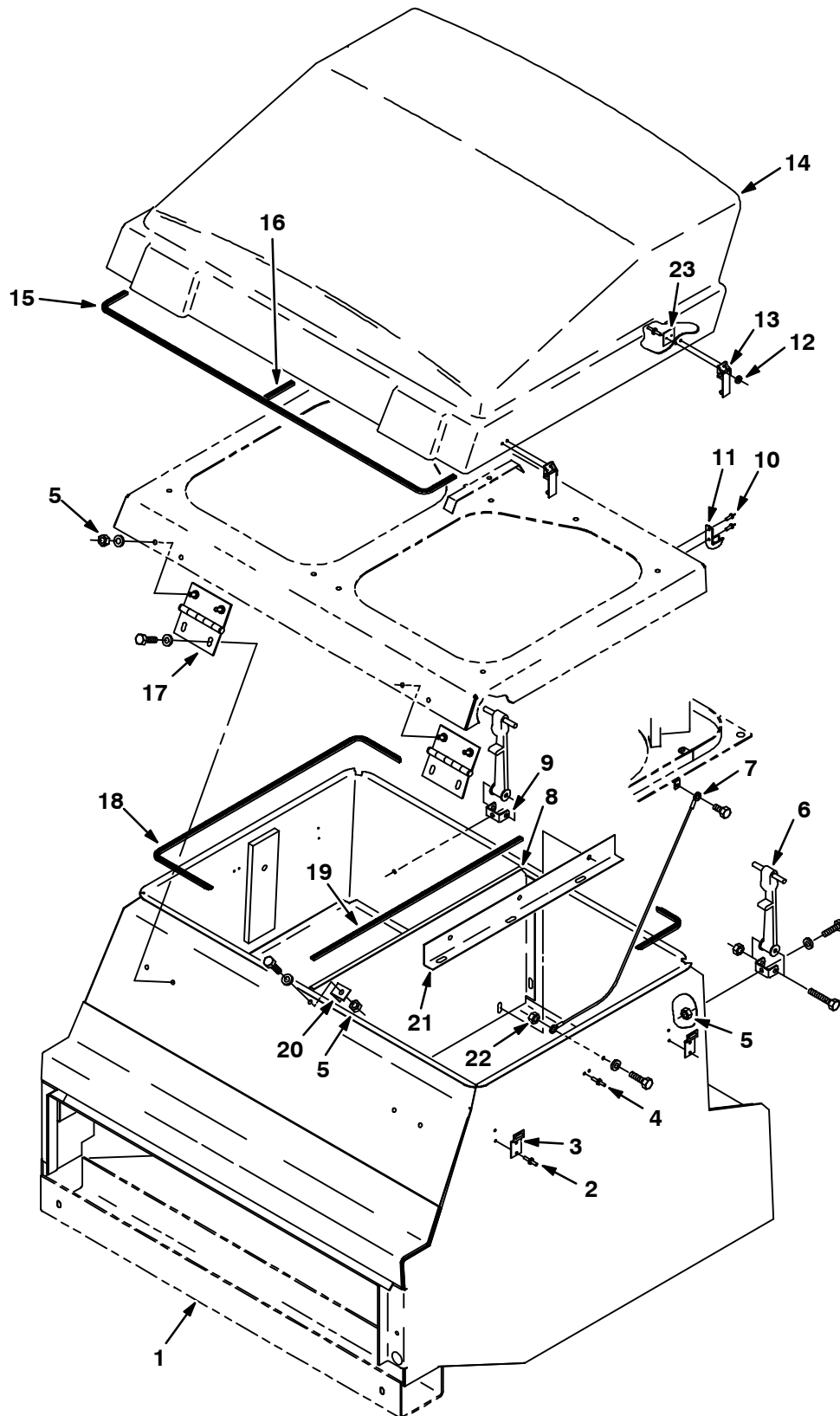
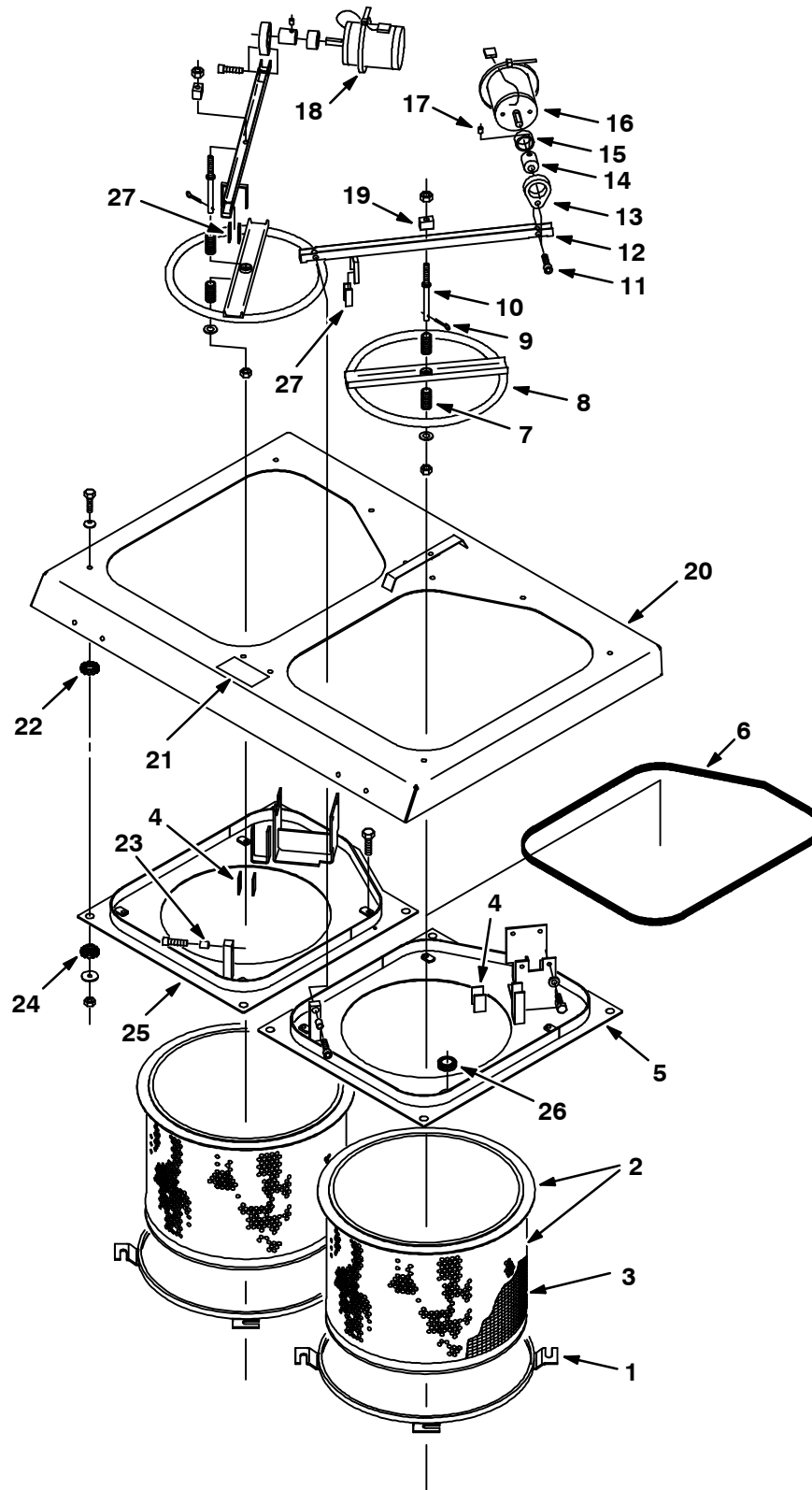


Fig. 37 – Hopper and Cover Group, RFS

Fig. 37 – Hopper and Cover Group, RFS

| Key | TENNANT<br>Part No. | Machine<br>Serial Number | Description          | Qty. |
|-----|---------------------|--------------------------|----------------------|------|
| 1   | 32148               | (000000– )               | Hopper               | 1    |
| 2   | 34738               | (000000– )               | Rivet, Pop           | 8    |
| 3   | 87056               | (000000– )               | Strike, Hopper Cover | 4    |
| 4   | 02731               | (000000– )               | Rivet, Plastic       | 4    |
| 5   | 32983               | (000000– )               | Nut, Hex             | 22   |
| 6   | 75118               | (000000– )               | Hook, Rubber         | 2    |
| 7   | 87298               | (000000– )               | Cable, Brush Lift    | 1    |
| 8   | 32045               | (000000– )               | Plate, Divider       | 1    |
| 9   | 40671               | (000000– )               | Bracket, U           | 2    |
| 10  | 41732               | (000000– )               | Rivet, Pop           | 4    |
| 11  | 40670               | (000000– )               | Catch, Rubber        | 2    |
| 12  | 82457               | (000000– )               | Rivet, Pop           | 8    |
| 13  | 87579               | (000000– )               | Latch, Tension       | 4    |
| 14  | 32107               | (000000– )               | Cover Assembly       | 1    |
| 15  | 32262               | (000000– )               | Seal                 | 1    |
| 16  | 32263               | (000000– )               | Seal                 | 1    |
| 17  | 32135               | (000000– )               | Hinge                | 2    |
| 18  | 32260               | (000000– )               | Seal                 | 1    |
| 19  | 32261               | (000000– )               | Seal                 | 1    |
| 20  | 32137               | (000000– )               | Bracket              | 1    |
| 21  | 32138               | (000000– )               | Bracket              | 1    |
| 22  | 32981               | (000000– )               | Nut, Hex             | 1    |
| 23  | 32269               | (000000– )               | Plate, Reinforcing   | 4    |

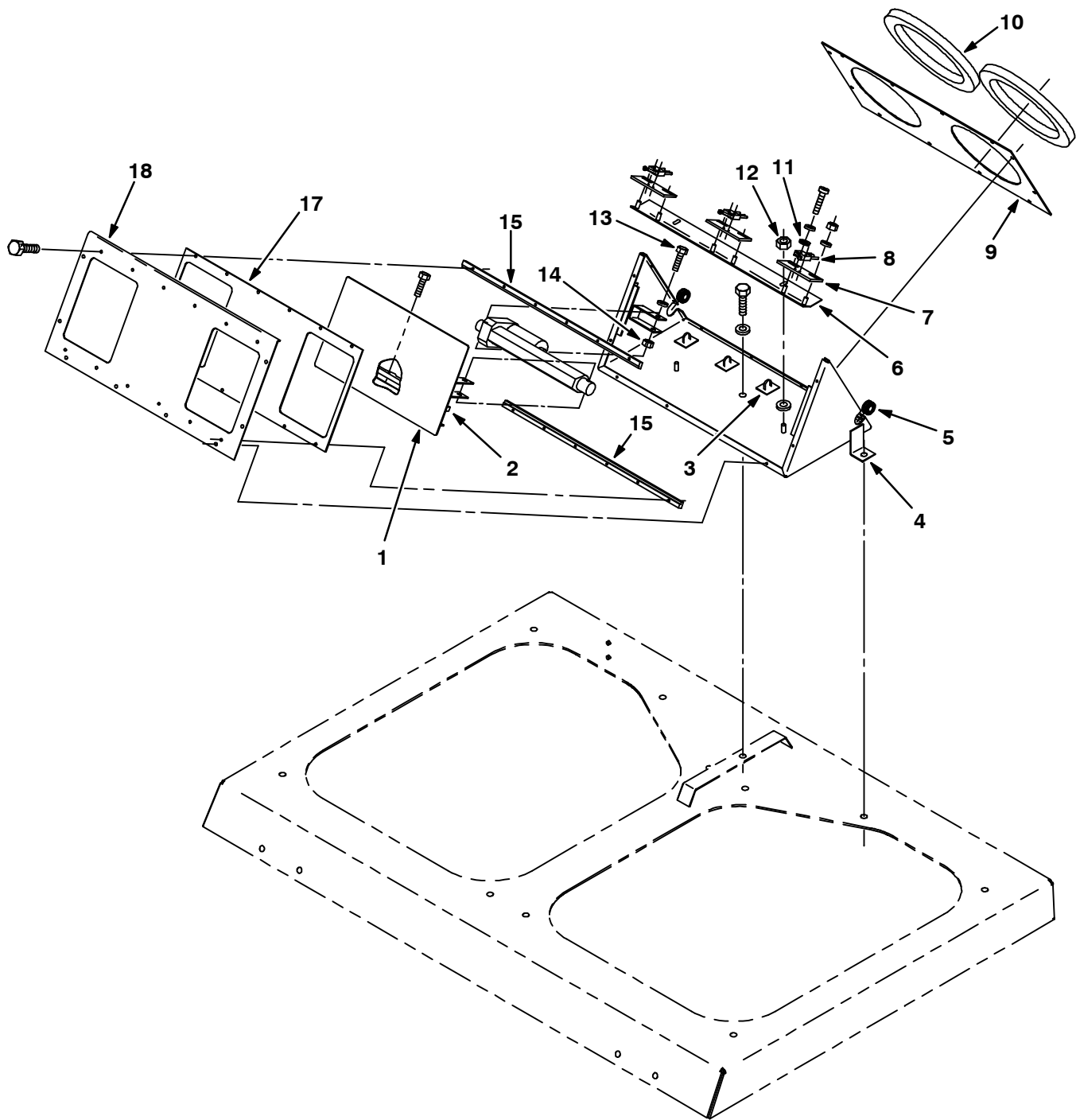




**Fig. 38 – Filter and Shaker Group, RFS**

Fig. 38 – Filter and Shaker Group, RFS

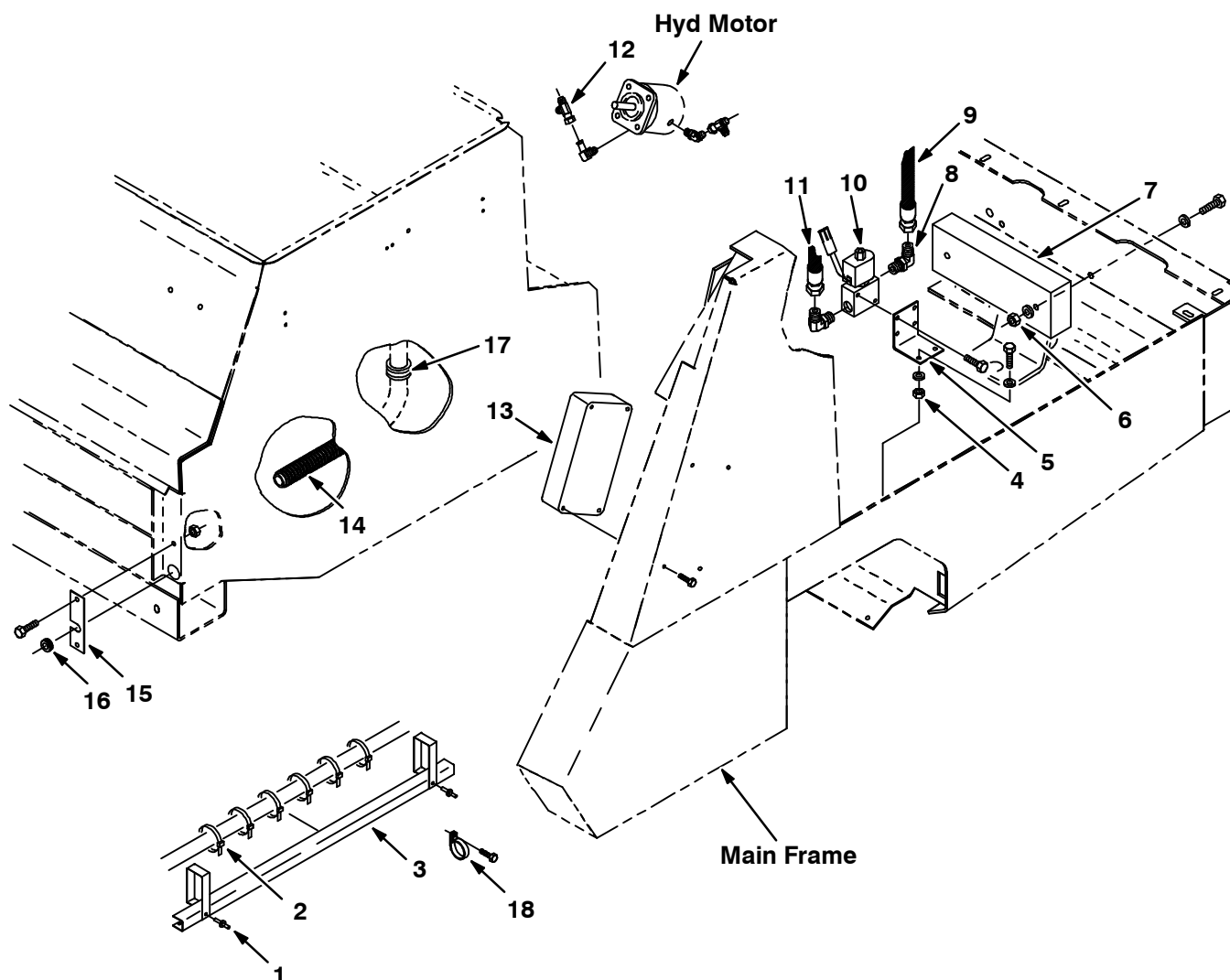
| Key | TENNANT<br>Part No. | Machine<br>Serial Number | Description                | Qty. |
|-----|---------------------|--------------------------|----------------------------|------|
| 1   | 32003               | (000000– )               | Ring, Support              | 2    |
| 2   | 31996               | (000000– )               | Filter                     | 2    |
| 3   | 32082               | (000000– )               | Screen                     | 2    |
| 4   | 32288               | (000000– )               | Strip, Nylon               | 4    |
| 5   | 32015               | (000000– )               | Plate, Shaker              | 1    |
| 6   | 32266               | (000000– )               | Seal                       | 2    |
| 7   | 32145               | (000000– )               | Spring                     | 4    |
| 8   | 32007               | (000000– )               | Ring, Shaker               | 2    |
| 9   | 08182               | (000000– )               | Pin, Cotter                | 2    |
| 10  | 32009               | (000000– )               | Bar, Shaker Stem           | 2    |
| 11  | 32086               | (000000– )               | Screw, Shoulder            | 2    |
| 12  | 31998               | (000000– )               | Channel                    | 2    |
| 13  | 32005               | (000000– )               | Link, Motor                | 2    |
| 14  | 32004               | (000000– )               | Coupling, Eccentric        | 2    |
| 15  | 32006               | (000000– )               | Bearing                    | 2    |
| 16  | 31999               | (000000– )               | Motor, Electric            | 2    |
| 17  | 46820               | (000000– )               | Screw, Set                 | 2    |
| 18  | 44961               | (000000– )               | Tie, Cable                 | 2    |
| 19  | 32008               | (000000– )               | Spacer, Nylon              | 2    |
| 20  | 32273               | (000000– )               | Plate, Filter              | 1    |
| 21  | 32228               | (000000– )               | Label, Hazard, Heavy Panel | 1    |
| 22  | 62172               | (000000– )               | Ring                       | 8    |
| 23  | 32146               | (000000– )               | Bearing, Sleeve            | 2    |
| 24  | 62173               | (000000– )               | Bushing, Rubber Isolator   | 8    |
| 25  | 32010               | (000000– )               | Plate, Shaker              | 1    |
| 26  | 10632               | (000000– )               | Grommet, Rubber            | 2    |
| 27  | 32287               | (000000– )               | Strip, Nylon               | 4    |



**Fig. 39 – Vacuum System Group, RFS**

Fig. 39 – Vacuum System Group, RFS

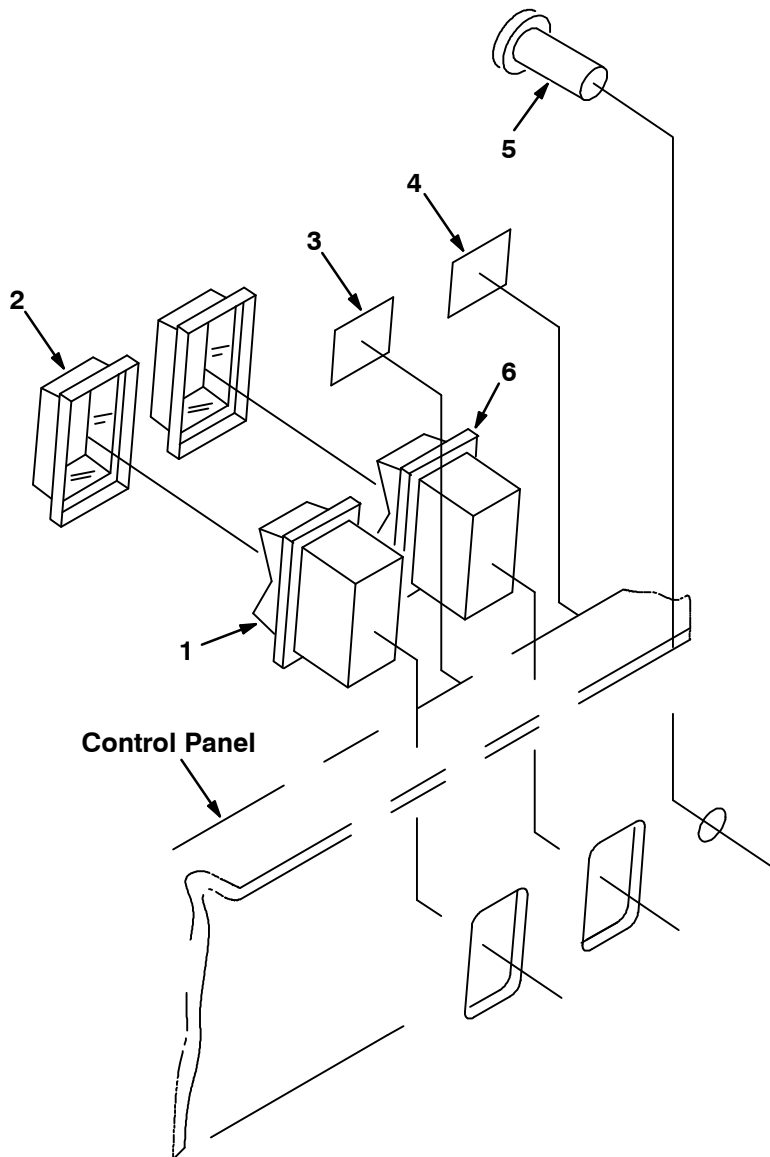
| Key | TENNANT<br>Part No. | Machine<br>Serial Number | Description              | Qty. |
|-----|---------------------|--------------------------|--------------------------|------|
| 1   | 32028               | (000000– )               | Door, Duct               | 1    |
| 2   | 32143               | (000000– )               | Strip, Cam               | 1    |
| 3   | 55248               | (000000– )               | Mount, Cable Tie         | 3    |
| 4   | 32022               | (000000– )               | Duct                     | 1    |
| 5   | 10632–3             | (000000– )               | Grommet, Rubber          | 2    |
| 6   | 32091               | (000000– )               | Bracket, Switch Mounting | 1    |
| 7   | 32139               | (000000– )               | Plate, Switch            | 3    |
| 8   | 28663               | (000000– )               | Switch Assembly          | 3    |
| 9   | 32025               | (000000– )               | Panel, Duct, Rear        | 1    |
| 10  | 32081               | (000000– )               | Gasket, Duct             | 2    |
| 11  | 14878               | (000000– )               | Ring–O                   | 6    |
| 12  | 45181               | (000000– )               | Nut, Hex                 | 2    |
| 13  | 06946               | (000000– )               | Screw, Hex, M6           | 2    |
| 14  | 08708               | (000000– )               | Nut, Nylon Hex, M6       | 2    |
| 15  | 32049               | (000000– )               | Strip, Guide             | 2    |
| 16  | 31997               | (000000– )               | Actuator, 12 V           | 1    |
| 17  | 32048               | (000000– )               | Panel, Door              | 1    |
| 18  | 32024               | (000000– )               | Panel, Front Duct        | 1    |



**Fig. 40 – Electrical and Hydraulic Group, RFS**

Fig. 40 -- Electrical and Hydraulic Group, RFS

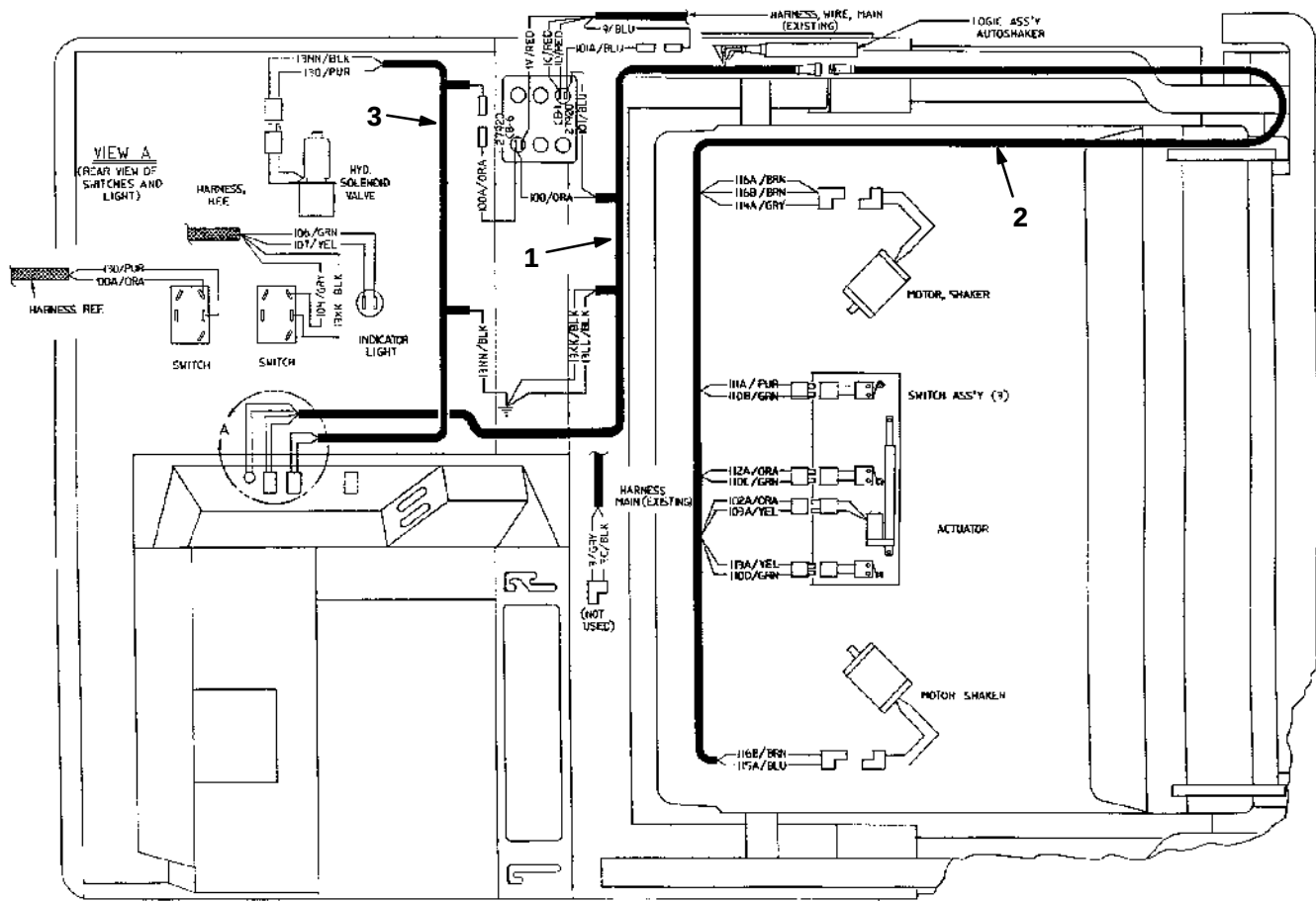
| Key | TENNANT<br>Part No. | Machine<br>Serial Number | Description                 | Qty. |
|-----|---------------------|--------------------------|-----------------------------|------|
| 1   | 34738               | (000000— )               | Rivet, Pop                  | 2    |
| 2   | 49266               | (000000— )               | Tie, Cable                  | 6    |
| 3   | 32080               | (000000— )               | Channel, Harness Mounting   | 1    |
| 4   | 32981               | (000000— )               | Nut, Nylon Hex              | 2    |
| 5   | 32214               | (000000— )               | Bracket, Valve Mounting     | 1    |
| 6   | 50902               | (000000— )               | Nut, Nylon Hex              | 2    |
| 7   | 32011               | (000000— )               | Counterweight               | 1    |
| 8   | 69173               | (000000— )               | Fitting, Barbed Elbow       | 2    |
| 9   | 56701               | (000000— )               | Hose                        | 1    |
| 10  | 32169               | (000000— )               | Solenoid, Valve             | 1    |
| 11  | 51754               | (000000— )               | Hose                        | 1    |
| 12  | 45482               | (000000— )               | Fitting, Tee                | 2    |
| 13  | 32219               | (000000— )               | Logic Assembly, Autosshaker | 1    |
| 14  | 68598               | (000000— )               | Conduit, Flex—Gard          | 1    |
| 15  | 32152               | (000000— )               | Plate                       | 1    |
| 16  | 10632—3             | (000000— )               | Grommet, Rubber             | 2    |
| 17  | 10632               | (000000— )               | Grommet, Rubber             | 1    |
| 18  | 26395—1             | (000000— )               | Clamp                       | 1    |



**Fig. 41 – Switch and Circuit Group, RFS**

06137

| Key | TENNANT<br>Part No. | Machine<br>Serial Number | Description                | Qty. |
|-----|---------------------|--------------------------|----------------------------|------|
| 1   | 31965               | (000000– )               | Switch, Rocker SPST        | 1    |
| 2   | 57807               | (000000– )               | Cover, Rocker Switch Seal  | 2    |
| 3   | 32089               | (000000– )               | Label, Vacuum Fan Shut–Off | 1    |
| 4   | 32090               | (000000– )               | Label, Filter Shaker       | 1    |
| 5   | 34820               | (000000– )               | Light, Indicator           | 1    |
| 6   | 31970               | (000000– )               | Switch, Rocker SPST (Mom)  | 1    |



**Fig. 42 – Wire Harnesses Group, RFS**

| Key | TENNANT<br>Part No. | Machine<br>Serial Number | Description                      | Qty. |
|-----|---------------------|--------------------------|----------------------------------|------|
| 1   | 28653               | (000000— )               | Harness, Wire, Shaker Main       | 1    |
| 2   | 28654               | (000000— )               | Harness, Wire, Shaker Hopper     | 1    |
| 3   | 32225               | (000000— )               | Harness, Wire, Vacuum Fan Bypass | 1    |





## SECTION 9

## CONTENTS

|                                                             | Page |
|-------------------------------------------------------------|------|
| ORDERING REPAIR PARTS .....                                 | 9-3  |
| Fig. 1 – Hydraulic Piston Pump<br>Breakdown 02704 .....     | 9-4  |
| Fig. 2 – Pump Hydraulic Gear Breakdown<br>82205 .....       | 9-6  |
| Fig. 3 – Hydraulic Motor Breakdown<br>48663 .....           | 9-7  |
| Fig. 4 – Hydraulic Motor Breakdown<br>13106 .....           | 9-8  |
| Fig. 5 – Hydraulic Motor Breakdown<br>27800 .....           | 9-9  |
| Fig. 6 – Hydraulic Motor Breakdown<br>13105 .....           | 9-10 |
| Fig. 7 – Hydraulic Motor Breakdown<br>28808 .....           | 9-11 |
| Fig. 8 – Hydraulic Motor Breakdown<br>77101 .....           | 9-12 |
| Fig. 9 – Hydraulic Motor Breakdown<br>27796 .....           | 9-13 |
| Fig. 10 – Hydraulic Motor Breakdown<br>27787 .....          | 9-14 |
| Fig. 11 – Hydraulic Valve Breakdown<br>62550 .....          | 9-15 |
| Fig. 12 – Hydraulic Valve Breakdown<br>34319 .....          | 9-16 |
| Fig. 13 – Hydraulic Solenoid Valve<br>Breakdown 82754 ..... | 9-17 |
| Fig. 14 – Hydraulic Cylinder Breakdown<br>04468 .....       | 9-18 |
| Fig. 15 – Hydraulic Cylinder Breakdown<br>82757 .....       | 9-19 |
| Fig. 16 – Hydraulic Cylinder Breakdown<br>04471 .....       | 9-20 |

*NOTE: SECTION 9, HYDRAULIC COMPONENTS,  
lists repair parts for repairable hydraulic components.*



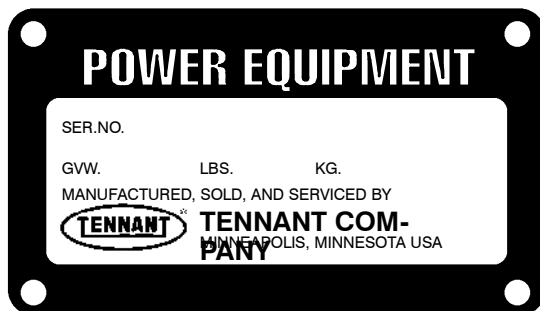
**ORDERING REPAIR PARTS**

The components used in this machine have been carefully selected for performance and safety. Use only Tennant Company specified or equivalent parts.

To receive prompt service in filling of your parts orders, please direct all orders for parts with Tennant Company part numbers to the Tennant Company, and all orders for parts with vendor part numbers to the local supplier of the respective vendor.

When ordering parts, please furnish all of the following information:

1. Machine model number - shown on the machine data plate.



2. Machine serial number - shown on the machine data plate.
3. Power source - gasoline, LPG, diesel, electric.
4. Company name.
5. Shipping address.
6. Billing address.
7. Name, first and last - of person ordering parts.
8. Telephone number.
9. Purchase order number.
10. Part number, description, and quantity - of each item on the order.

Do not order parts by key number or the figure number of the illustrated parts. Indented items indicate parts of assemblies. Standard hardware is furnished only when part of a purchased assembly. Please get hardware from a local hardware supplier.

If the old part cannot be identified, send it to us with the quantity needed specified on the order.

Any claim for loss or damage to a shipment in transit should be filed promptly against the transportation company making the delivery. Shipments will be complete unless the packing list or order acknowledgement indicate items back ordered.

If parts received are suspected to be incorrect or defective, please write, wire, or phone the Tennant Company representative from whom you ordered the part. They will give authorization for return and/or handle replacement shipments when required.

**SERIAL NUMBER INFORMATION EXPLANATION**

Serial number listings are shown to indicate on which machines each part can be used. These listings are explained by the following examples:

(000000— ) The part can be used on all machines.

(003342— ) The part can be used on all machines beginning with the serial number listed.

(000000—004320) The part can be used on all machines up to and including serial number listed.

(004321—005678) The part can be used on all machines between and including the serial numbers listed.

Where xxxxxx's are listed in place of a serial number, it indicates a change was made but the exact serial number had not been established when the catalog went to press.

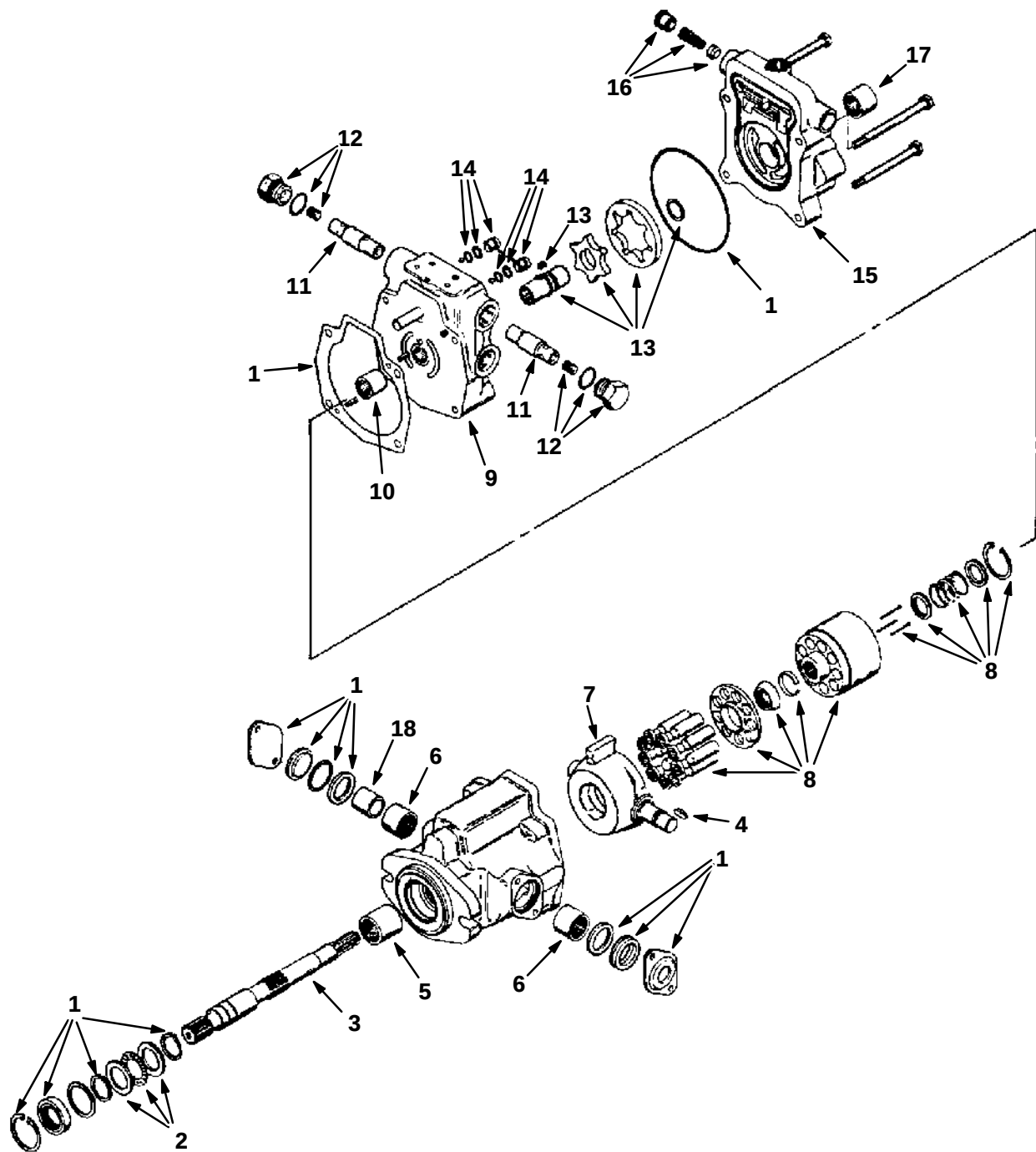
**SI UNITS OF MEASURE  
(INTERNATIONAL SYSTEM)**

Metric equivalents have been included, where applicable, throughout this parts catalog.

**FASTENER STRENGTH IDENTIFICATION**

Fasteners required to have high—strength qualities equivalent to SAE Grade 8 are identified throughout this catalog by the description GR 8. Unless identified by this description, all standard fasteners are SAE Grade 5.

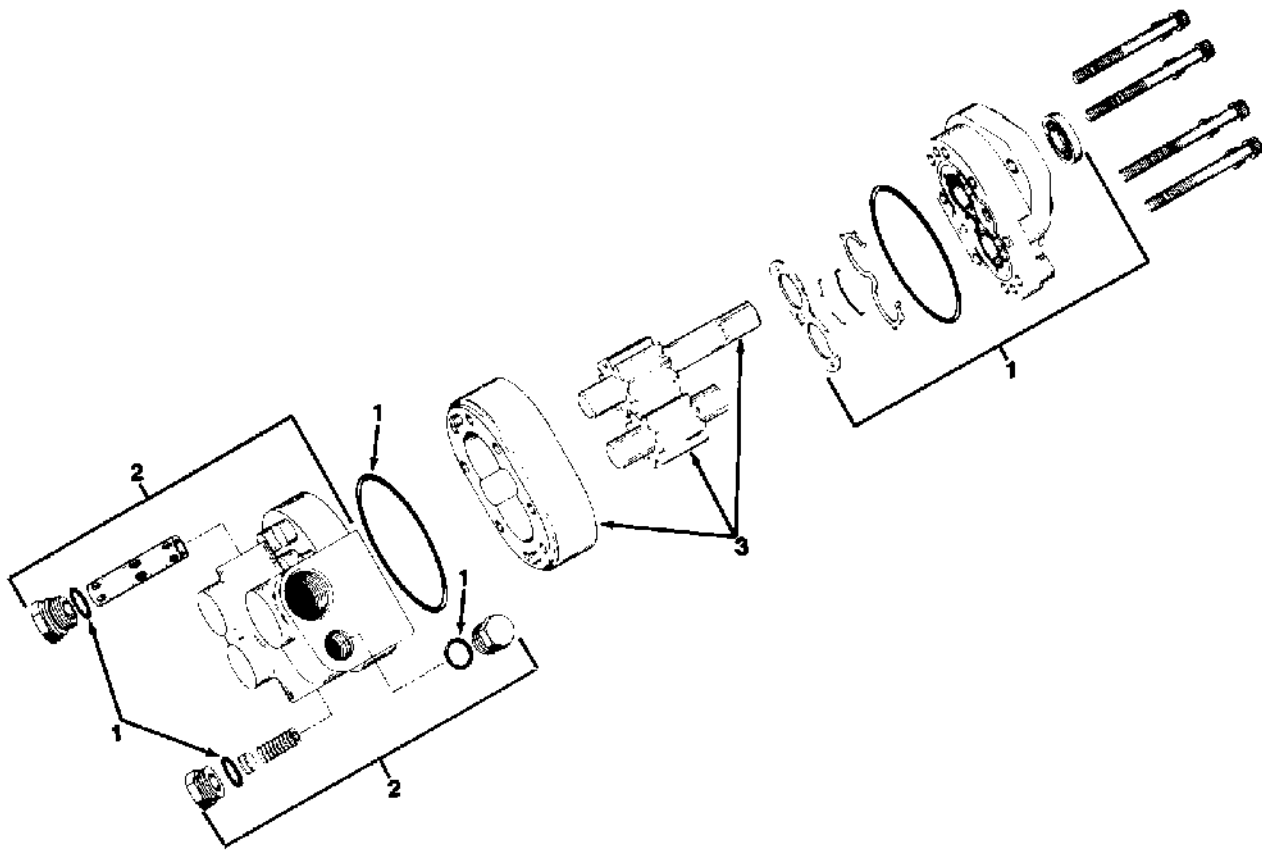
(Specifications and design subject to change without notice.)



**Fig. 1 – Hydraulic Piston Pump Breakdown 02704**

Fig. 1 – Hydraulic Piston Pump Breakdown 02704

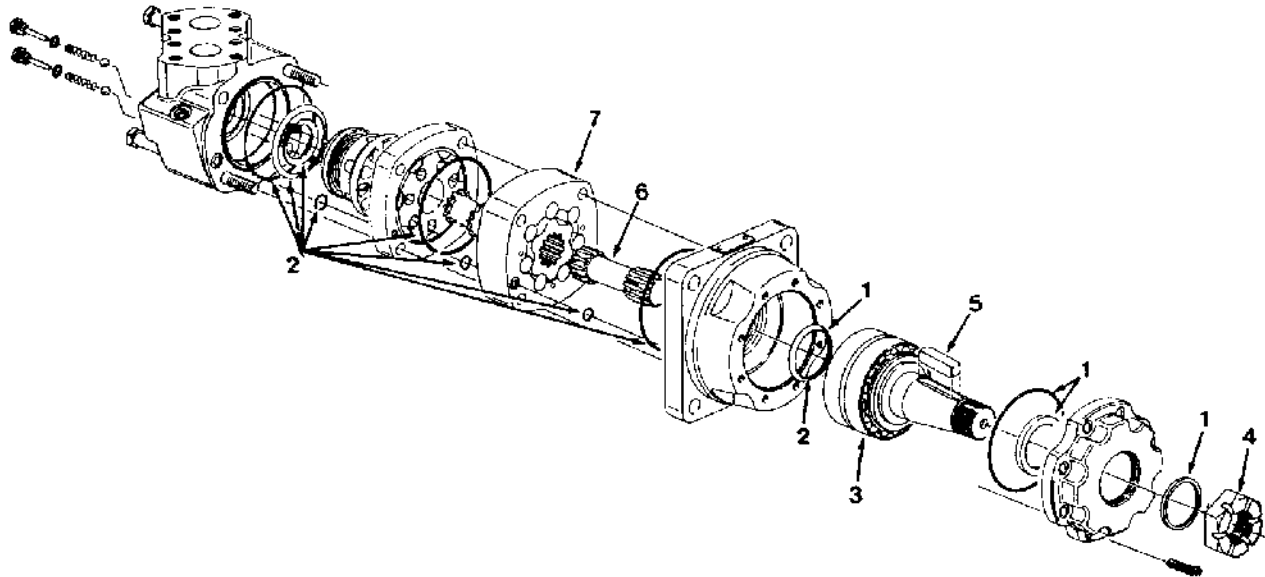
| Key | TENNANT®<br>Part No. | Manufacturer<br>Serial Number | Description                  | Qty. |
|-----|----------------------|-------------------------------|------------------------------|------|
| 1   | 02704                | (000000– )                    | Pump, Hydraulic              | 1    |
| 2   | 02711                | (000000– )                    | Seal Kit                     | 1    |
| 3   | 55922                | (000000– )                    | Bearing Kit, Thrust          | 1    |
| 4   | 55931                | (000000– )                    | Shaft, Pump                  | 1    |
| 4   | 02710                | (000000– )                    | Key                          | 1    |
| 5   | 55939                | (000000– )                    | Bearing, Roller              | 1    |
| 6   | 02709                | (000000– )                    | Bearing, Trunnion            | 2    |
| 7   | 02708                | (000000– )                    | Plate, Cam                   | 1    |
| 8   | 02706                | (000000– )                    | Rotating Kit                 | 1    |
| 9   | 02707                | (000000– )                    | Back Plate                   | 1    |
| 10  | 55937                | (000000– )                    | Bearing, Roller              | 1    |
| 11  | 55941                | (000000– )                    | Valve, Relief                | 2    |
| 12  | 57210                | (000000– )                    | Plug Assembly                | 2    |
| 13  | 55932                | (000000– )                    | Gerotor and Coupler Assembly | 1    |
| 14  | 37457                | (000000– )                    | Valve Assembly               | 2    |
| 15  | 55930                | (000000– )                    | Pump Adaptor Assembly        | 1    |
| 16  | 55906                | (000000– )                    | Valve, Charge Relief         | 1    |
| 17  | 55929                | (000000– )                    | Bearing, Roller              | 1    |
| 18  | 02705                | (000000– )                    | Bearing, Inner Race          | 1    |



**Fig. 2 – Pump Hydraulic Gear Breakdown 82205**

04507

| Key | TENNANT®<br>Part No. | Manufacturer<br>Serial Number | Description       | Qty. |
|-----|----------------------|-------------------------------|-------------------|------|
|     | 82205                | (000000– )                    | Pump, Hydraulic   | 1    |
| 1   | 57064                | (000000– )                    | Seal Kit, Pump    | 1    |
| 2   | 82333                | (000000– )                    | Back Plate Kit    | 1    |
| 3   | 02602                | (000000– )                    | Gear and Body Kit | 1    |

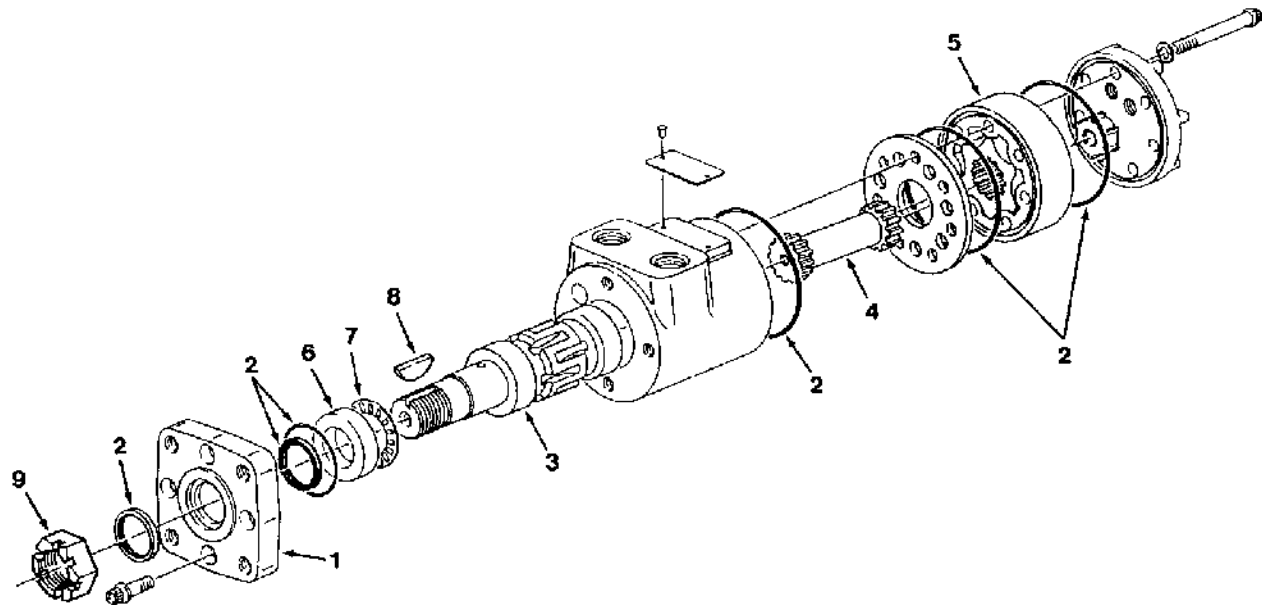


01737

Fig. 3 – Hydraulic Motor Breakdown 48663

| Key | TENNANT®<br>Part No. | Manufacturer<br>Serial Number | Description                | Qty. |
|-----|----------------------|-------------------------------|----------------------------|------|
|     | 48663                | (000000– )                    | Motor, Hydraulic           | 1    |
| 1   | 33579                | (000000– )                    | Seal Kit, Shaft            | 1    |
| 2   | 33580                | (000000– )                    | Seal Kit, Rear             | 1    |
| 3   | 33694                | (000000– )                    | Shaft And Bearing Assembly | 1    |
| 4   | 45622                | (000000– )                    | Nut                        | 1    |
| 5   | 45623                | (000000– )                    | Key                        | 1    |
| 6   | 37616                | (000000– )                    | Drive                      | 1    |
| 7   | 37756                | (000000– )                    | Gerotor                    | 1    |





**Fig. 4 – Hydraulic Motor Breakdown 13106**

03939

| Key | TENNANT®<br>Part No. | Manufacturer<br>Serial Number | Description      | Qty. |
|-----|----------------------|-------------------------------|------------------|------|
|     | 13106                | (000000– )                    | Motor, Hydraulic | 1    |
| 1   | 34174                | (000000– )                    | Flange, Mounting | 1    |
| 2   | 28835                | (000000– )                    | Seal Kit         | 1    |
| 3   | 37617                | (000000– )                    | Shaft            | 1    |
| 4   | 34176                | (000000– )                    | Drive            | 1    |
| 5   | 34177                | (000000– )                    | Gerotor          | 1    |
| 6   | 16695                | (000000– )                    | Race, Thrust     | 1    |
| 7   | 45628                | (000000– )                    | Thrust, Bearing  | 1    |
| 8   | 00500–15             | (000000– )                    | Key, Woodruff    | 1    |
| 9   | 39527                | (000000– )                    | Nut, Slotted Hex | 1    |

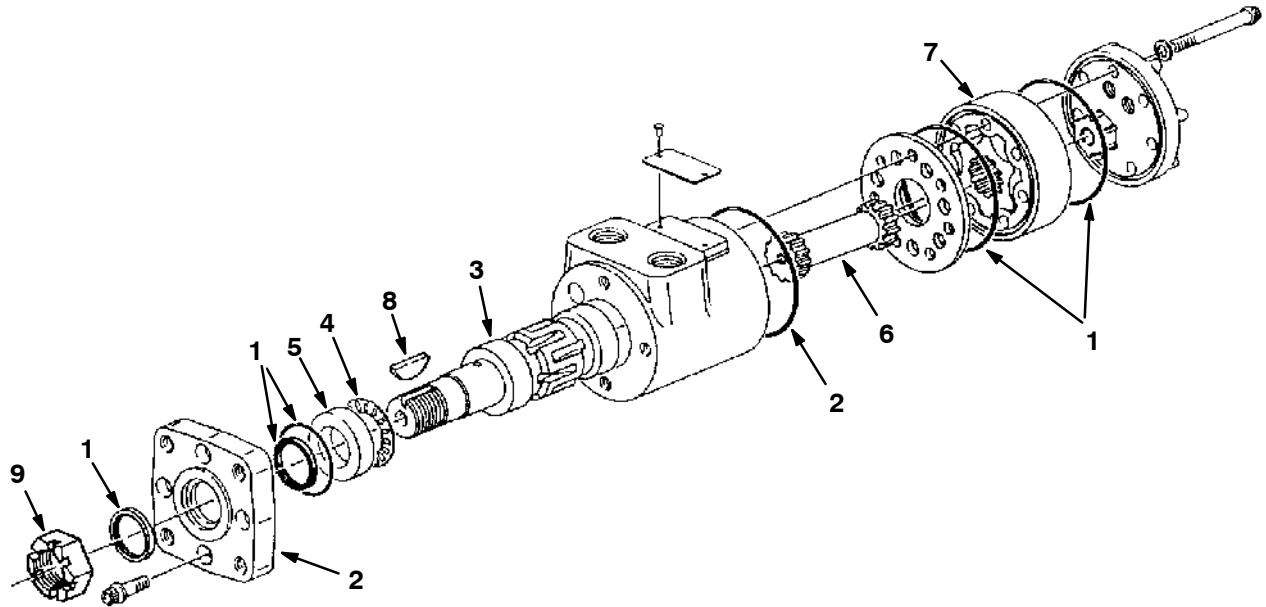
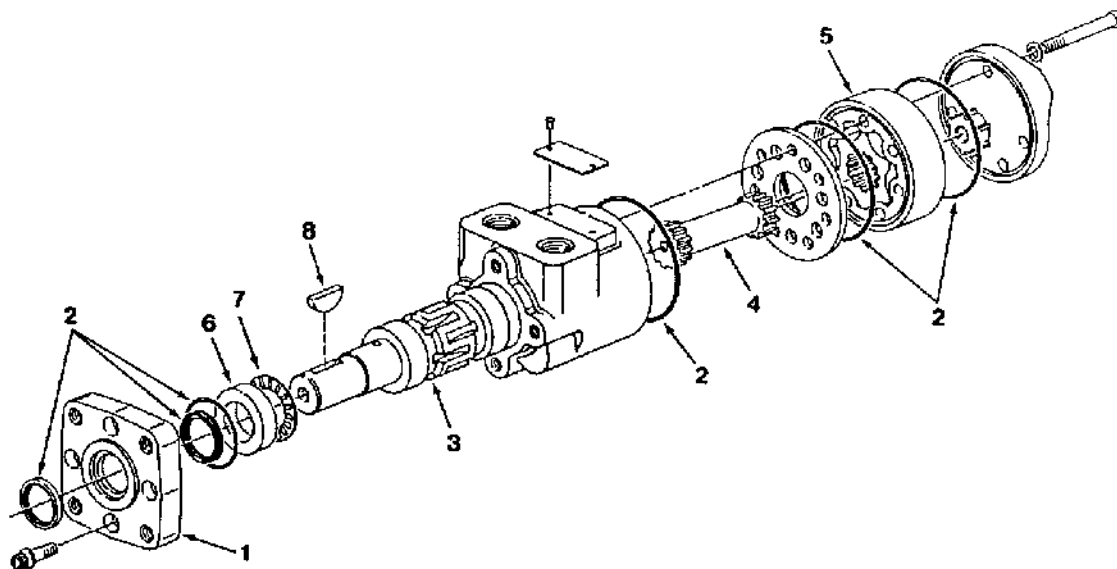


Fig. 5 – Hydraulic Motor Breakdown 27800

05347

| Key | Tennant®<br>Part No. | Manufacturer<br>Serial Number | Description           | Qty |
|-----|----------------------|-------------------------------|-----------------------|-----|
|     | 27800                | (000000– )                    | Motor, Hydraulic      | 1   |
| 1   | 28835                | (000000– )                    | Seal Kit              | 1   |
| 2   | 31354                | (000000– )                    | Flange, Mounting      | 1   |
|     | 31374                | (000000– )                    | Output Shaft Assembly | 1   |
| 3   | 31375                | (000000– )                    | Shaft, Output         | 1   |
| 4   | 45628                | (000000– )                    | Bearing               | 1   |
| 5   | 16695                | (000000– )                    | Race, Thrust          | 1   |
| 6   | 31380                | (000000– )                    | Drive                 | 1   |
| 7   | 31383                | (000000– )                    | Gerotor Set           | 1   |
| 8   | 00500–15             | (000000– )                    | Key, Woodruff         | 1   |
| 9   | 39527                | (000000– )                    | Nut, slotted Hex      | 1   |



**Fig. 6 – Hydraulic Motor Breakdown 13105**

03938

| Key | TENNANT®<br>Part No. | Manufacturer<br>Serial Number | Description      | Qty. |
|-----|----------------------|-------------------------------|------------------|------|
|     | 13105                | (000000— )                    | Motor, Hydraulic | 1    |
| 1   | 34174                | (000000— )                    | Flange, Mounting | 1    |
| 2   | 28835                | (000000— )                    | Seal Kit         | 1    |
| 3   | 16694                | (000000— )                    | Shaft, Output    | 1    |
| 4   | 34176                | (000000— )                    | Drive            | 1    |
| 5   | 87663                | (000000— )                    | Gerotor          | 1    |
| 6   | 16695                | (000000— )                    | Race, Thrust     | 1    |
| 7   | 45628                | (000000— )                    | Bearing, Thrust  | 1    |
| 8   | 00500—15             | (000000— )                    | Key, Woodruff    | 1    |

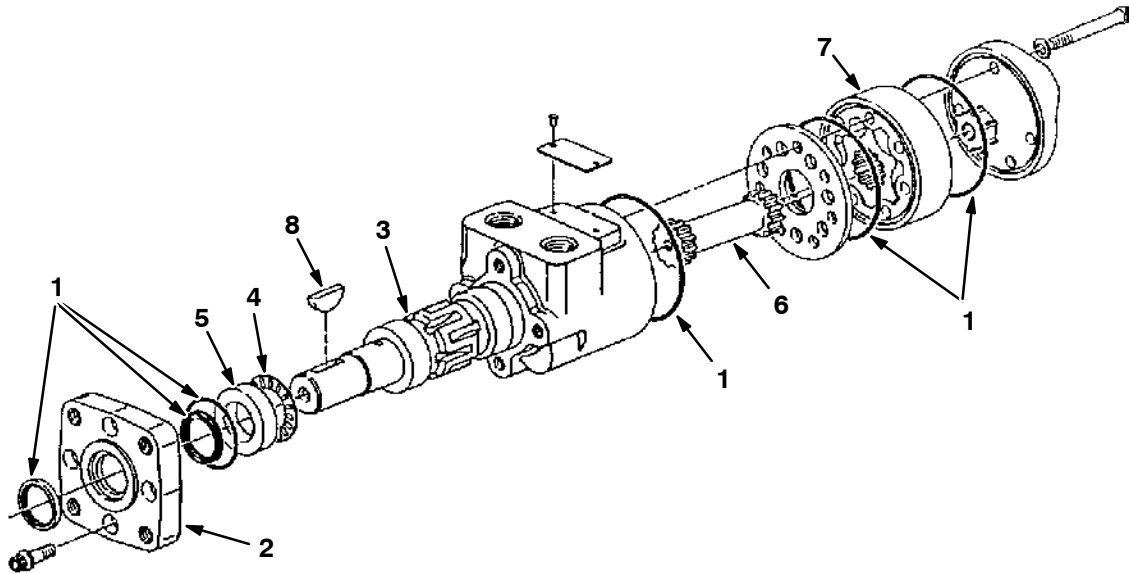
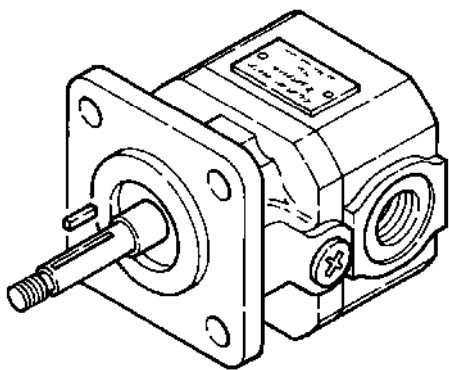


Fig. 7 – Hydraulic Motor Breakdown 28808

05349

| Key | Tennant®<br>Part No. | Manufacturer<br>Serial Number | Description           | Qty |
|-----|----------------------|-------------------------------|-----------------------|-----|
|     | 28808                | (000000– )                    | Motor, Hydraulic      | 1   |
| 1   | 28835                | (000000– )                    | Seal Kit              | 1   |
| 2   | 31354                | (000000– )                    | Flange, Mounting      | 1   |
|     | 34175                | (000000– )                    | Output Shaft Assembly | 1   |
| 3   | 16694                | (000000– )                    | Shaft, Output         | 1   |
| 4   | 45628                | (000000– )                    | Bearing Thrust        | 1   |
| 5   | 16695                | (000000– )                    | Race,Thrust           | 1   |
| 6   | 34176                | (000000– )                    | Drive                 | 1   |
| 7   | 31381                | (000000– )                    | Gerotor Set           | 1   |
| 8   | 00500–15             | (000000– )                    | Key, Woodruff         | 1   |



**Fig. 8 – Hydraulic Motor Breakdown 77101**

02613

| Key | TENNANT®<br>Part No. | Manufacturer<br>Serial Number | Description      | Qty. |
|-----|----------------------|-------------------------------|------------------|------|
|     | 77101                | (000000– )                    | Motor, Hydraulic | 1    |
|     | SK2561               | (000000– )                    | Seal Kit         | 1    |
|     | 00966                | (000000– )                    | Key              | 1    |

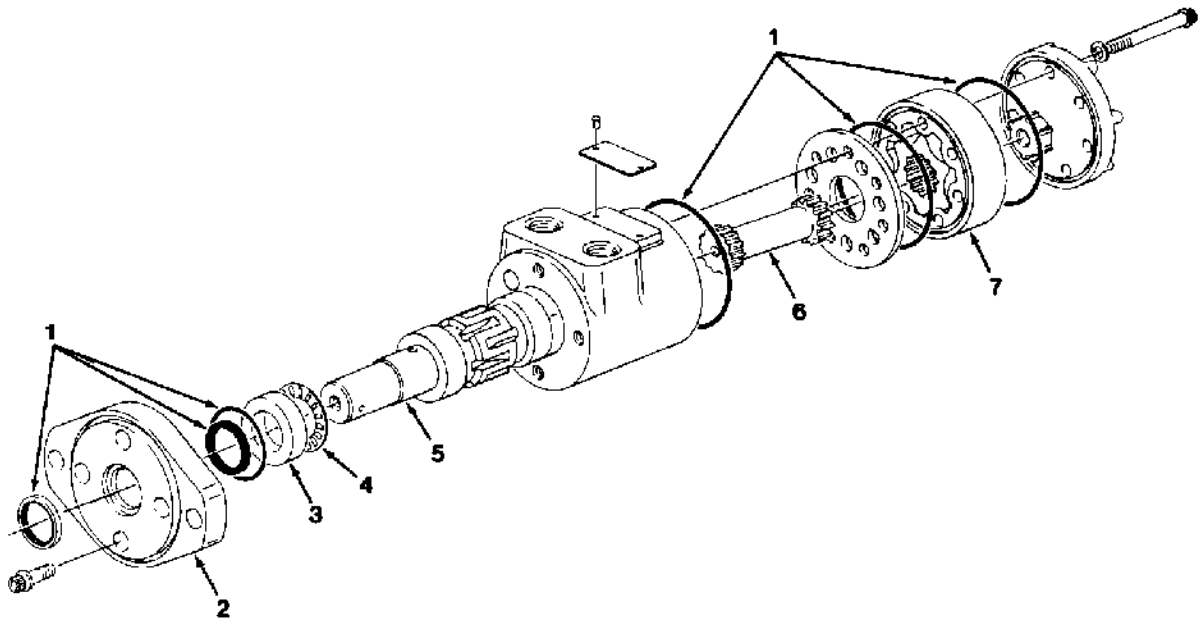
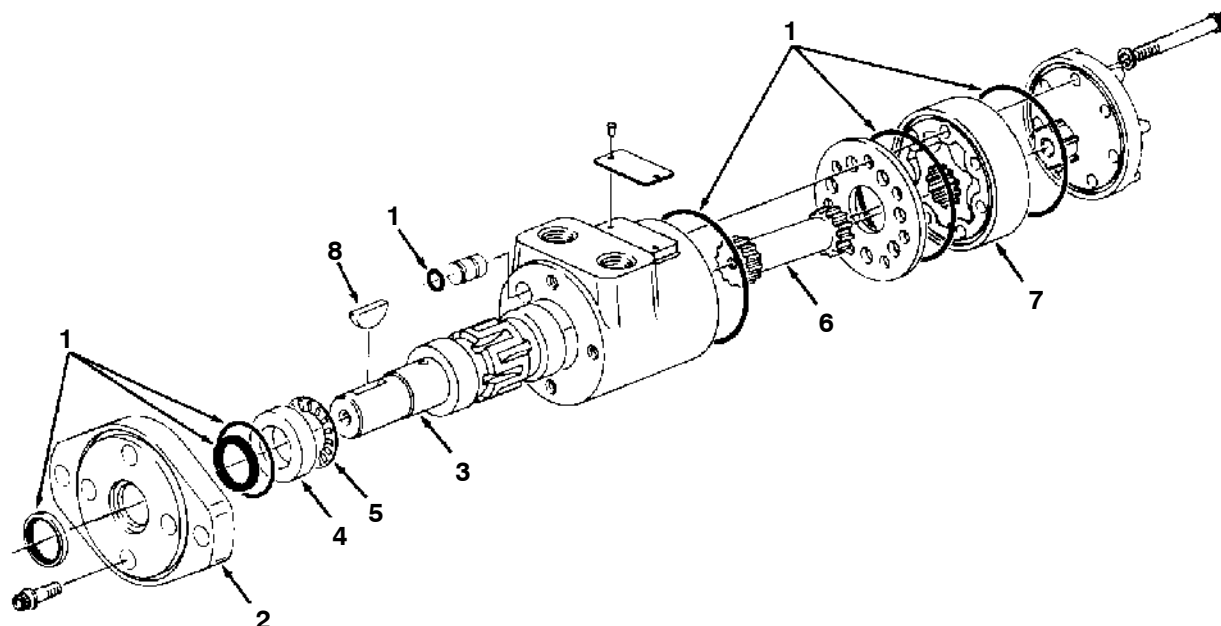


Fig. 9 – Hydraulic Motor Breakdown 27796

02799

| Key | TENNANT®<br>Part No. | Manufacturer<br>Serial Number | Description      | Qty. |
|-----|----------------------|-------------------------------|------------------|------|
|     | 27796                | (000000– )                    | Motor, Hydraulic | 1    |
| 1   | 28835                | (000000– )                    | Seal Kit         | 1    |
| 2   | 38645                | (000000– )                    | Flange, Mounting | 1    |
| 3   | 16695                | (000000– )                    | Race             | 1    |
| 4   | 57283                | (000000– )                    | Bearing          | 1    |
| 5   | 02630                | (000000– )                    | Shaft            | 1    |
| 6   | 34176                | (000000– )                    | Drive            | 1    |
| 7   | 34177                | (000000– )                    | Gerotor Assembly | 1    |



**Fig. 10 – Hydraulic Motor Breakdown 27787**

02800

| Key | TENNANT®<br>Part No. | Manufacturer<br>Serial Number | Description           | Qty. |
|-----|----------------------|-------------------------------|-----------------------|------|
|     | 27787                | (000000– )                    | Motor, Hydraulic      | 1    |
| 1   | 28835                | (000000– )                    | Seal Kit              | 1    |
| 2   | 31354                | (000000– )                    | Flange, Mounting      | 1    |
|     | 31362                | (000000– )                    | Output Shaft Assembly | 1    |
| 3   | 31363                | (000000– )                    | Shaft, Output         | 1    |
| 4   | 16695                | (000000– )                    | Race, Thrust          | 1    |
| 5   | 45628                | (000000– )                    | Bearing Thrust        | 1    |
| 6   | 34172                | (000000– )                    | Drive                 | 1    |
| 7   | 57542                | (000000– )                    | Gerotor Set           | 1    |
| 8   | 00500–15             | (000000– )                    | Key, Woodruff         | 1    |

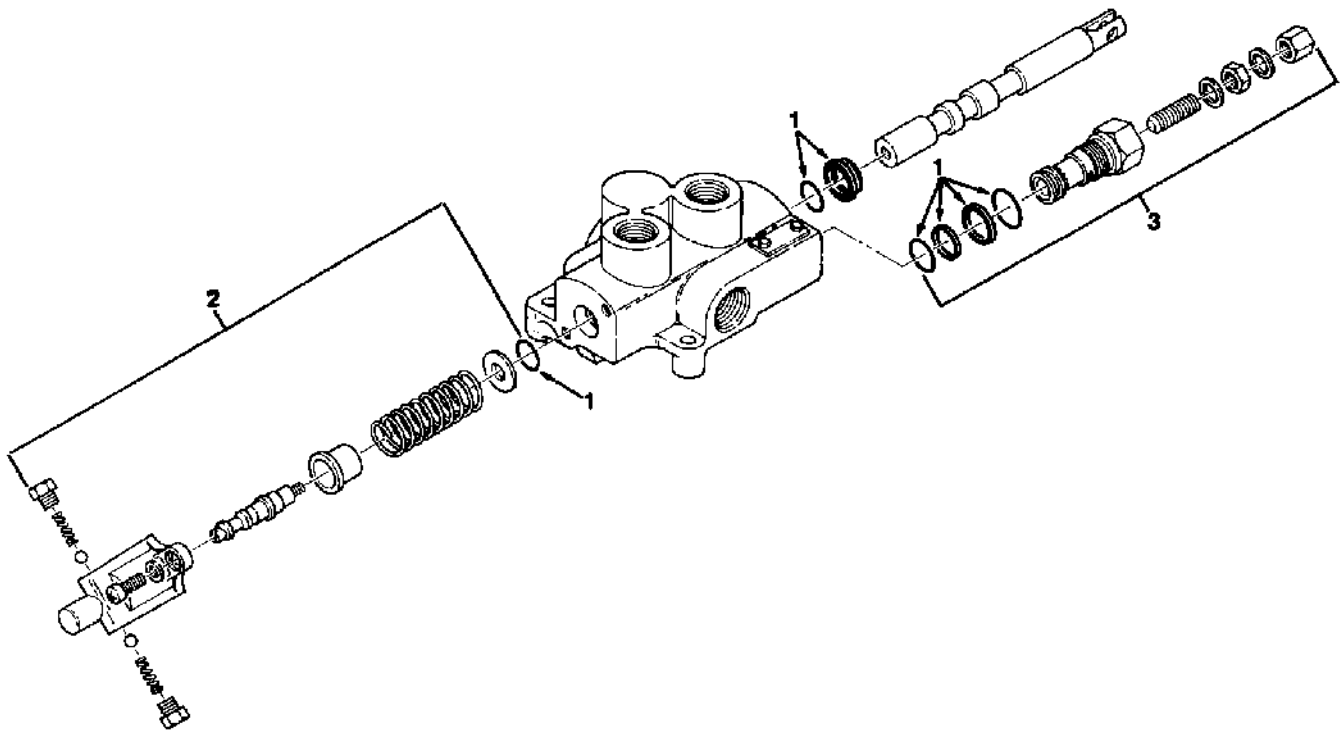
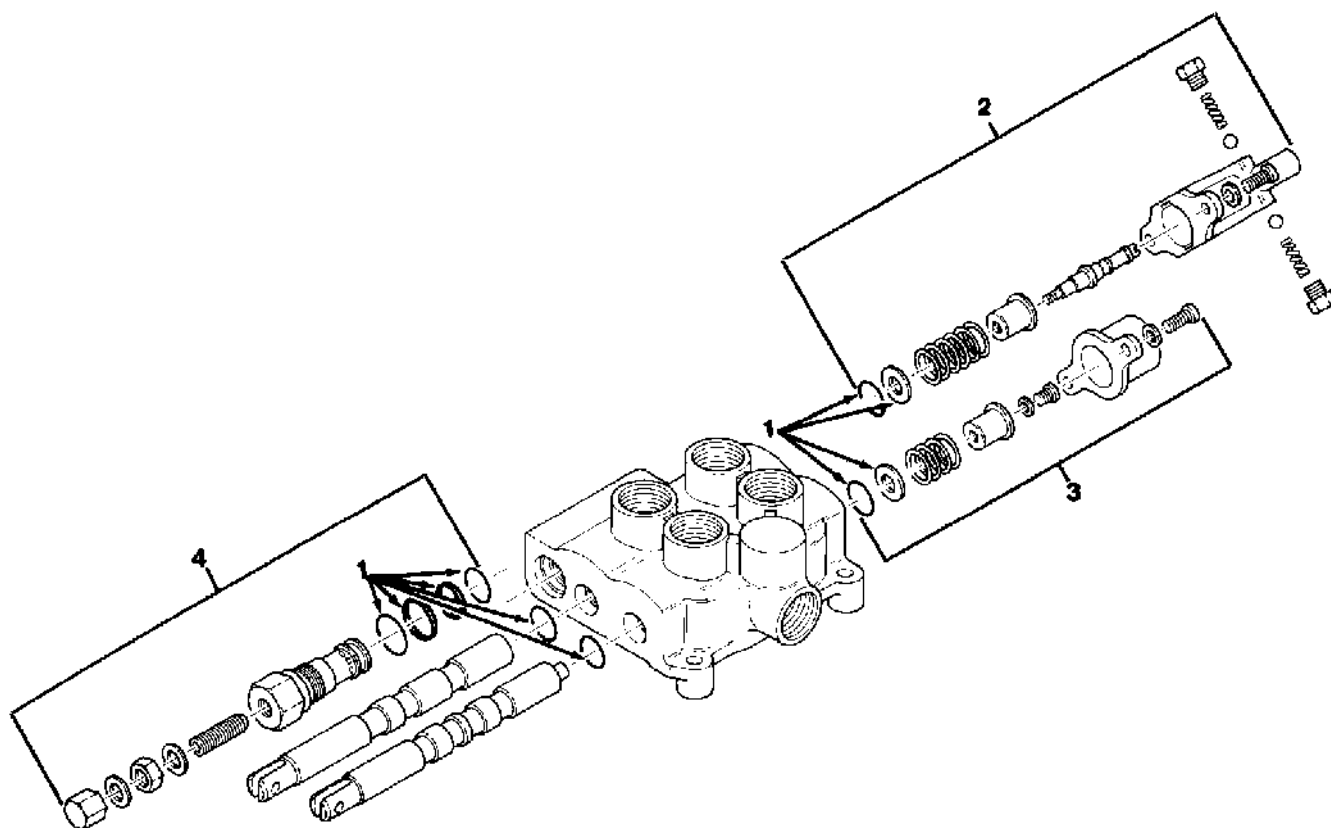


Fig. 11 – Hydraulic Valve Breakdown 62550

02581

| Key | TENNANT®<br>Part No. | Manufacturer<br>Serial Number | Description      | Qty. |
|-----|----------------------|-------------------------------|------------------|------|
|     | 62550                | (000000– )                    | Valve, Hydraulic | 1    |
| 1   | 01666                | (000000– )                    | Seal Kit         | 1    |
| 2   | 01669                | (000000– )                    | Detent Kit       | 1    |
| 3   | 01817                | (000000– )                    | Relief Assembly  | 1    |





**Fig. 12 – Hydraulic Valve Breakdown 34319**

02563

| Key | TENNANT®<br>Part No. | Manufacturer<br>Serial Number | Description           | Qty. |
|-----|----------------------|-------------------------------|-----------------------|------|
|     | 34319                | (000000– )                    | Valve, Hydraulic      | 1    |
| 1   | 01666                | (000000– )                    | Seal Kit              | 1    |
| 2   | 01669                | (000000– )                    | Detent Kit            | 1    |
| 3   | 01673                | (000000– )                    | Spring Kit, Centering | 1    |
| 4   | 01818                | (000000– )                    | Relief Assembly       | 1    |

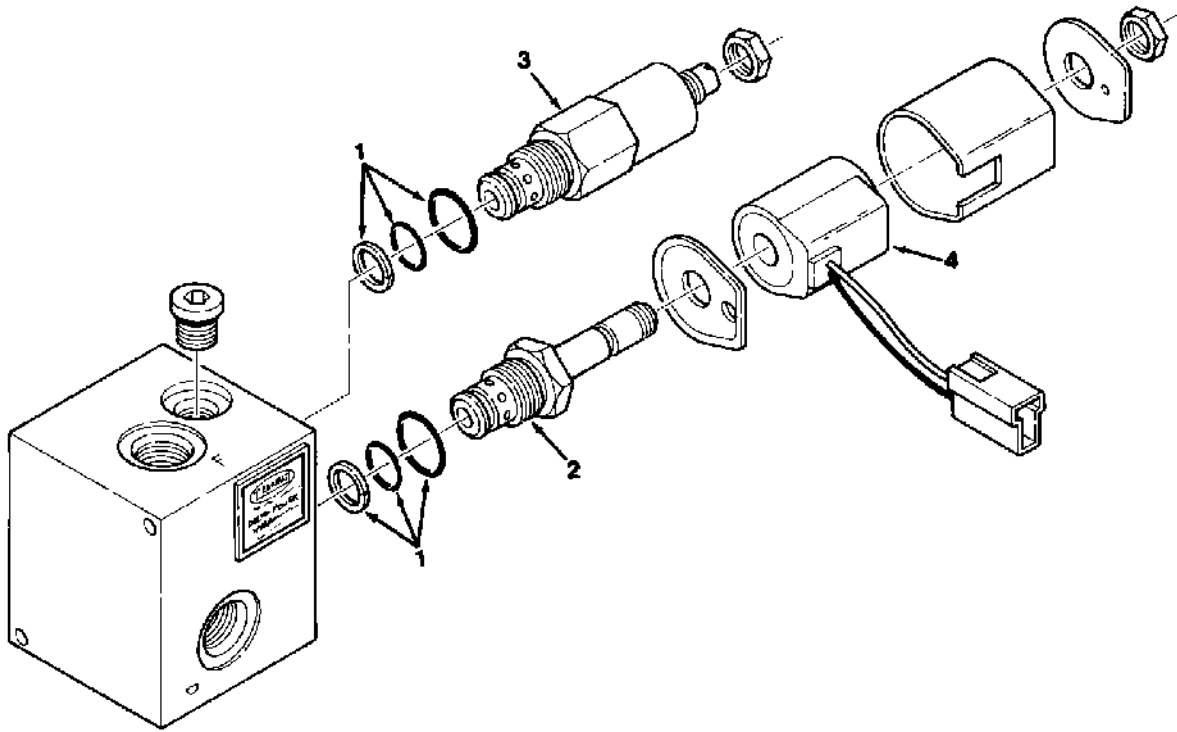
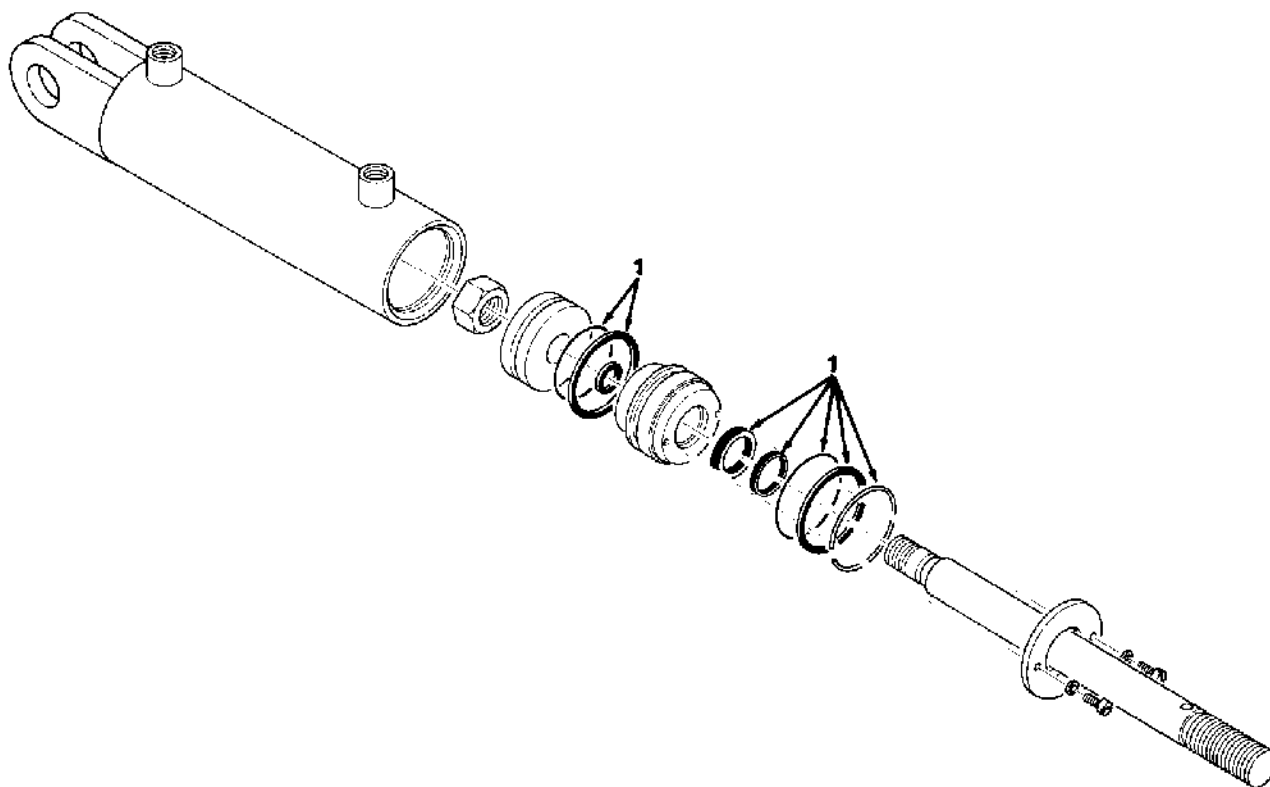


Fig. 13 – Hydraulic Solenoid Valve Breakdown 82754

02580

| Key | TENNANT®<br>Part No. | Manufacturer<br>Serial Number | Description      | Qty. |
|-----|----------------------|-------------------------------|------------------|------|
|     | 82754                | (000000— )                    | Valve, Solenoid  | 1    |
| 1   | 02606                | (000000— )                    | Seal Kit         | 1    |
| 2   | 02607                | (000000— )                    | Valve, Cartridge | 1    |
| 3   | 02609                | (000000— )                    | Valve, Relief    | 1    |
| 4   | 57186                | (000000— )                    | Solenoid         | 1    |



02609

**Fig. 14 – Hydraulic Cylinder Breakdown 04468**

| Key | TENNANT®<br>Part No. | Manufacturer<br>Serial Number | Description         | Qty. |
|-----|----------------------|-------------------------------|---------------------|------|
| 1   | 04468                | (000000 – )                   | Cylinder, Hydraulic | 1    |
|     | 04480                | (000000 – )                   | Seal Kit            | 1    |

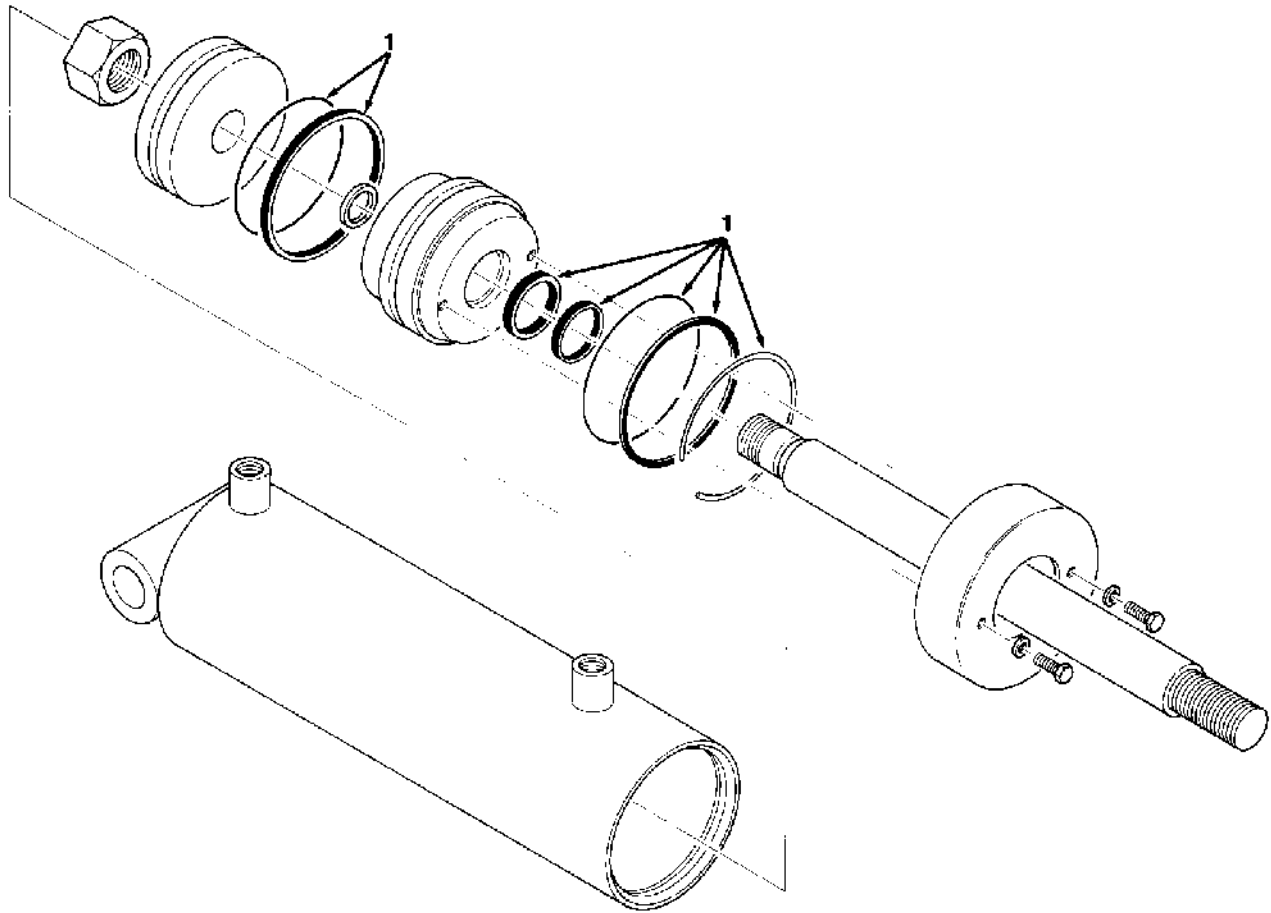
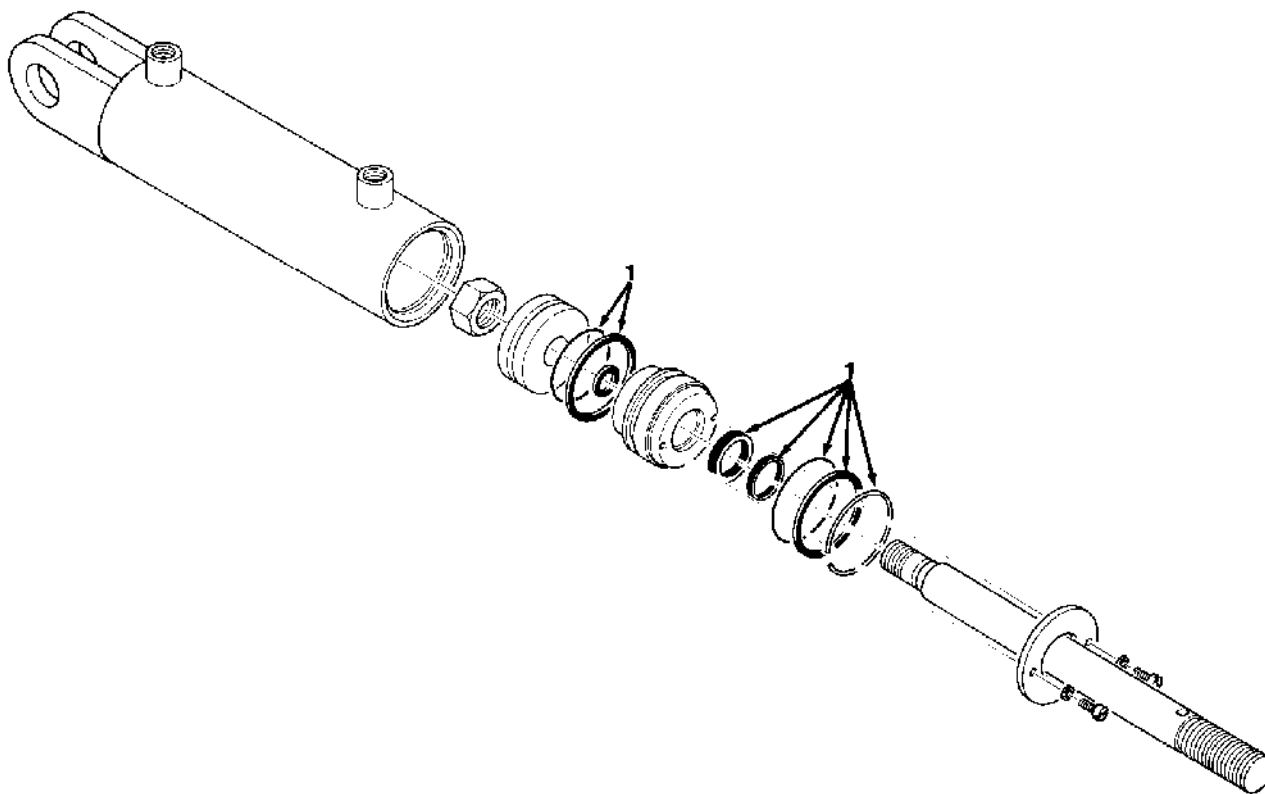


Fig. 15 – Hydraulic Cylinder Breakdown 82757

02608

| Key | TENNANT®<br>Part No. | Manufacturer<br>Serial Number | Description         | Qty. |
|-----|----------------------|-------------------------------|---------------------|------|
| 1   | 82757                | (000000 – )                   | Cylinder, Hydraulic | 1    |
|     | 02621                | (000000 – )                   | Seal Kit            | 1    |



02607

**Fig. 16 – Hydraulic Cylinder Breakdown 04471**

| Key | TENNANT®<br>Part No. | Manufacturer<br>Serial Number | Description         | Qty. |
|-----|----------------------|-------------------------------|---------------------|------|
| 1   | 04471                | (000000 – )                   | Cylinder, Hydraulic | 1    |
|     | 04477                | (000000 – )                   | Seal Kit            | 1    |

## SECTION 10

## CONTENTS

|                                                     | Page  |
|-----------------------------------------------------|-------|
| ORDERING REPAIR PARTS .....                         | 10-3  |
| Fig. 1 – Cylinder Head Group .....                  | 10-4  |
| Fig. 2 – Cylinder Block Group .....                 | 10-6  |
| Fig. 3 – Camshaft Group .....                       | 10-8  |
| Fig. 4 – Crankshaft and Piston Group .....          | 10-10 |
| Fig. 5 – Oil Pump and Oil Pan Group .....           | 10-12 |
| Fig. 6 – Intake and Exhaust Manifold<br>Group ..... | 10-14 |
| Fig. 7 – Front Cover Group .....                    | 10-15 |
| Fig. 8 – Water Pump Group .....                     | 10-16 |
| Fig. 9 – Distributor Group .....                    | 10-18 |
| Fig. 10 – Gaskets Group .....                       | 10-20 |
| Fig. 11 – Flywheel Group .....                      | 10-22 |

*NOTE: SECTION 12, ENGINE PARTS, GASOLINE, LPG, lists repair parts for gasoline and LPG powered engines, TENNANT part number 07491, on machines with serial numbers up through 010749.*



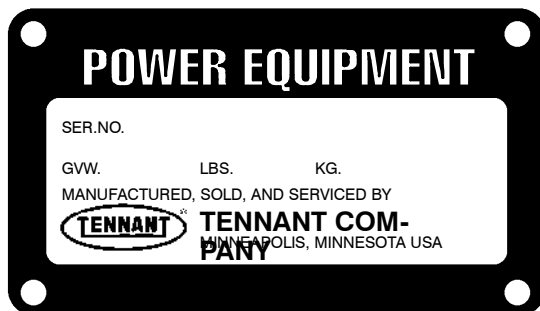
**ORDERING REPAIR PARTS**

The components used in this machine have been carefully selected for performance and safety. Use only Tennant Company specified or equivalent parts.

To receive prompt service in filling of your parts orders, please direct all orders for parts with Tennant Company part numbers to the Tennant Company, and all orders for parts with vendor part numbers to the local supplier of the respective vendor.

When ordering parts, please furnish all of the following information:

1. Machine model number - shown on the machine data plate.



2. Machine serial number - shown on the machine data plate.
3. Power source - gasoline, LPG, diesel, electric.
4. Company name.
5. Shipping address.
6. Billing address.
7. Name, first and last - of person ordering parts.
8. Telephone number.
9. Purchase order number.
10. Part number, description, and quantity - of each item on the order.

Do not order parts by key number or the figure number of the illustrated parts. Indented items indicate parts of assemblies. Standard hardware is furnished only when part of a purchased assembly. Please get hardware from a local hardware supplier.

If the old part cannot be identified, send it to us with the quantity needed specified on the order.

Any claim for loss or damage to a shipment in transit should be filed promptly against the transportation company making the delivery. Shipments will be complete unless the packing list or order acknowledgement indicate items back ordered.

If parts received are suspected to be incorrect or defective, please write, wire, or phone the Tennant Company representative from whom you ordered the part. They will give authorization for return and/or handle replacement shipments when required.

**SERIAL NUMBER INFORMATION EXPLANATION**

Serial number listings are shown to indicate on which machines each part can be used. These listings are explained by the following examples:

(000000— ) The part can be used on all machines.

(003342— ) The part can be used on all machines beginning with the serial number listed.

(000000—004320) The part can be used on all machines up to and including serial number listed.

(004321—005678) The part can be used on all machines between and including the serial numbers listed.

Where xxxxxx's are listed in place of a serial number, it indicates a change was made but the exact serial number had not been established when the catalog went to press.

**SI UNITS OF MEASURE  
(INTERNATIONAL SYSTEM)**

Metric equivalents have been included, where applicable, throughout this parts catalog.

**FASTENER STRENGTH IDENTIFICATION**

Fasteners required to have high—strength qualities equivalent to SAE Grade 8 are identified throughout this catalog by the description GR 8. Unless identified by this description, all standard fasteners are SAE Grade 5.

(Specifications and design subject to change without notice.)



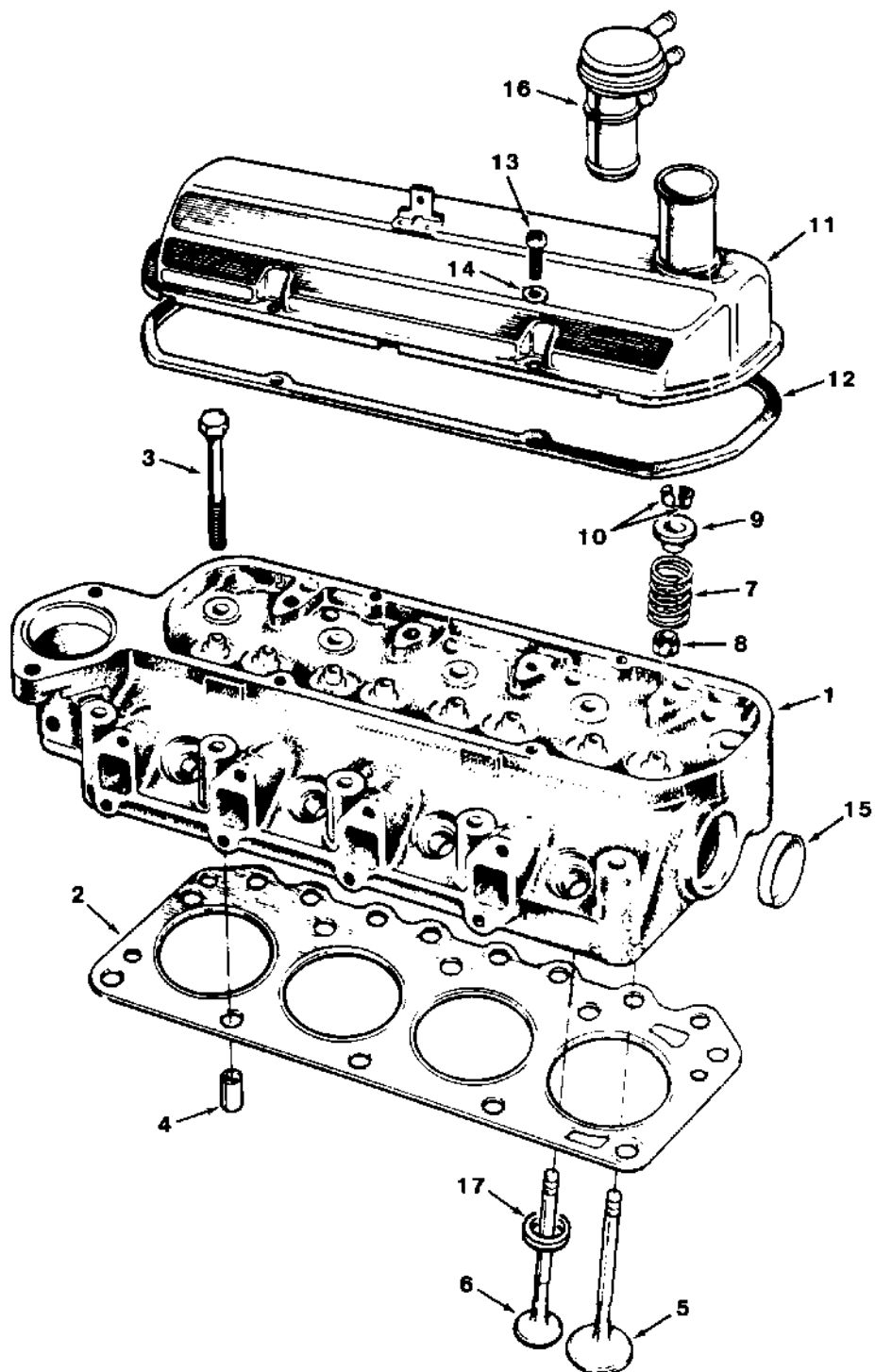


Fig. 1 – Cylinder Head Group

Fig. 1 – Cylinder Head Group

| Key | TENNANT®<br>Part No. | Ford<br>Part Number | Engine<br>Serial Number | Description                           | Qty.    |
|-----|----------------------|---------------------|-------------------------|---------------------------------------|---------|
| 1   | 07704                | 86BM-6049-CC        | (000000- )              | Head Assembly, Cylinder               | 1       |
| 2   |                      | 86BM-6051-B1A       | (000000- )              | Gasket, Cylinder Head                 | 1       |
| 3   |                      | 77BM-6065-AA        | (000000- )              | Bolt, Cylinder Head                   | 10      |
| 4   |                      | E840126-S           | (000000- )              | Dowel, Cylinder Head to Block         | 2       |
| 5   |                      | 80BM-6507-DC        | (000000- )              | Valve, Intake, Std.                   | 4       |
|     |                      | 80BM-6507-FC        | (000000- )              | Valve, Intake, 0.015" (0.38 mm) O/S   | As Req. |
| 6   |                      | 77BM-6505-DB        | (000000- )              | Valve, Exhaust, Std.                  | 4       |
| 7   |                      | 86BM-6513-AA        | (000000- )              | Spring, Valve                         | 8       |
| 8   |                      | D1FZ-6571-B         | (000000- )              | Seal, Valve Stem Oil, Intake          | 4       |
|     |                      | 77BM-6571-AB        | (000000- )              | Seal, Valve Stem Oil, Exhaust         | 4       |
| 9   |                      | D1FZ-6514-B         | (000000- )              | Retainer, Valve Spring                | 8       |
| 10  | 37695                | D1FZ-6518-B         | (000000- )              | Lock, Valve Spring Retainer           | 16      |
| 11  | 10792                | 84BM-6582-CA        | (000000- )              | Cover, Rocker Arm                     | 1       |
| 12  | 07705                | 77BM-6584-CA        | (000000- )              | Gasket, Rocker Arm Cover              | 1       |
| 13  |                      | E603166-S72         | (000000- )              | Screw, M6 x 16 Rocker Cover to Head   | 4       |
| 14  |                      | 118297-ES8          | (000000- )              | Washer, Flat, 6 mm, Rocker Cover Bolt | 4       |
| 15  |                      | D8RZ-6026-B         | (000000- )              | Plug                                  | 1       |
| 16  | 10795                | 84BF-6K614-CA       | (000000- )              | Cap, Oil Fill                         | 1       |
| 17  |                      | 86BM-6057-CA        | (000000- )              | Insert, Valve Seat                    | 4       |

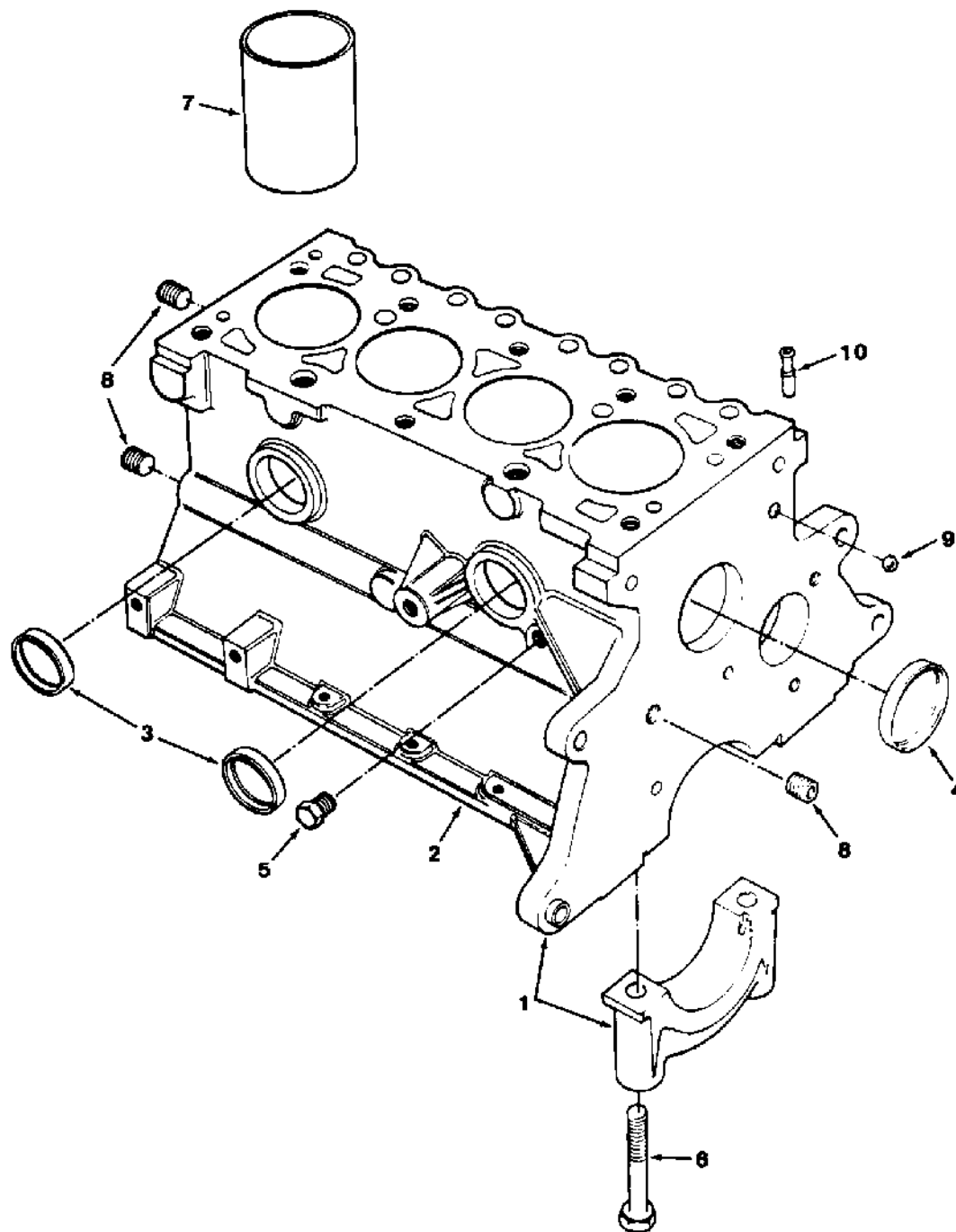


Fig. 2 – Cylinder Block Group

Fig. 2 – Cylinder Block Group

| Key | TENNANT®<br>Part No. | Ford<br>Part Number | Engine<br>Serial Number | Description                                      | Qty. |
|-----|----------------------|---------------------|-------------------------|--------------------------------------------------|------|
| 1   |                      | 86BM-6011-AA        | (000000- )              | Block, Cylinder with Crank, Pistons, Rings, etc. | 1    |
| 2   |                      | 86BM-6010-CA        | (000000- )              | Block, Cylinder                                  | 1    |
| 3   |                      | D8RZ-6026-B         | (000000- )              | Plug                                             | 2    |
| 4   |                      | D8RZ-6026-A         | (000000- )              | Plug                                             | 1    |
| 5   |                      | 353055-S7           | (000000- )              | Plug, Water Drain                                | 1    |
| 6   |                      | D1FZ-6345-A         | (000000- )              | Bolt, Main Bearing Cap                           | 10   |
| 7   |                      | 77BM-6055-AA        | (000000- )              | Liner, Cylinder                                  | 4    |
| 8   |                      | 87837-S             | (000000- )              | Plug, Oil Gallery                                | 3    |
| 9   |                      | E890100-S           | (000000- )              | Plug, Ball, Oil Gallery                          | 1    |
| 10  |                      | D8RZ-6767-A         | (000000- )              | Adapter                                          | 1    |

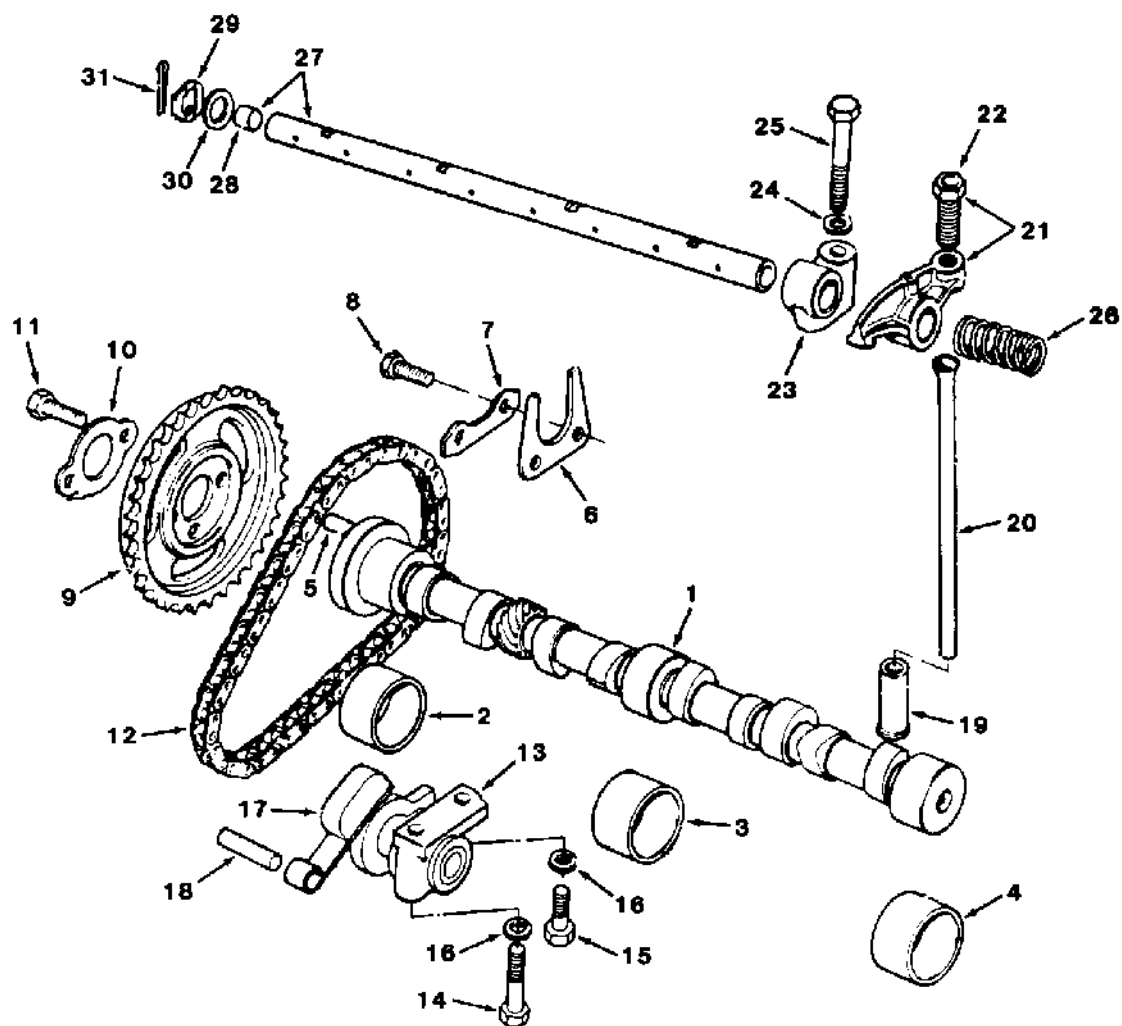


Fig. 3 – Camshaft Group

Fig. 3 – Camshaft Group

| Key | TENNANT®<br>Part No. | Ford<br>Part Number | Engine<br>Serial Number | Description                                        | Qty.    |
|-----|----------------------|---------------------|-------------------------|----------------------------------------------------|---------|
| 1   |                      | 86BM-6250-BA        | (000000- )              | Camshaft                                           | 1       |
| 2   | 37316                | D0RY-6261-A         | (000000- )              | Bearing, Camshaft Front, Std. ID – Std. O.D.       | 1       |
| 2   | 37317                | D0RY-6261-B         | (000000- )              | Bearing, Camshaft Front,<br>Std. ID + 0.020" O.D.  | As Req. |
| 3   | 37306                | D0RY-6262-A         | (000000- )              | Bearing, Camshaft Center,<br>Std. ID – Std. O.D.   | 1       |
| 3   | 38242                | D0RY-6262-B         | (000000- )              | Bearing, Camshaft Center,<br>Std. ID + 0.020" O.D. | As Req. |
| 4   | 37306                | D0RY-6262-A         | (000000- )              | Bearing, Camshaft Rear, Std. ID – Std. O.D.        | 1       |
| 4   | 38242                | D0RY-6262-B         | (000000- )              | Bearing, Camshaft Rear,<br>Std. ID + 0.020" O.D.   | As Req. |
| 5   |                      | D0RY-6253-A         | (000000- )              | Dowel, Cam Sprocket to Camshaft                    | 1       |
| 6   |                      | D0RY-6269-A         | (000000- )              | Plate, Camshaft Thrust                             | 1       |
| 7   |                      | D0RY-6255-A         | (000000- )              | Retainer, Camshaft Thrust Plate                    | 1       |
| 8   |                      | E602166-S72         | (000000- )              | Bolt, M6 x 16, Thrust Plate to Block               | 2       |
| 9   |                      | 77BM-6256-AA        | (000000- )              | Sprocket, Camshaft                                 | 1       |
| 10  |                      | D0RY-6258-A         | (000000- )              | Retainer, Camshaft Sprocket                        | 1       |
| 11  |                      | E602351-S72         | (000000- )              | Bolt, M8 x 16, Sprocket to Camshaft                | 2       |
| 12  | 37307                | D0RY-6268-A         | (000000- )              | Chain, Timing                                      | 1       |
| 13  | 37337                | D1FZ-6284-A         | (000000- )              | Tensioner, Timing Chain                            | 1       |
| 14  |                      | E600116-S72         | (000000- )              | Bolt, M6 x 55, Tensioner to Block                  | 1       |
| 15  |                      | E602166-S72         | (000000- )              | Bolt, M6 x 16 – Tensioner to Block                 | 1       |
| 16  |                      | 34805-S8            | (000000- )              | Washer, Lock, B6, Tensioner Bolts                  | 2       |
| 17  |                      | 77BM-6K255-AB       | (000000- )              | Arm, Tensioner                                     | 1       |
| 18  | 37694                | D1FZ-6286-A         | (000000- )              | Pin, Tensioner Arm                                 | 1       |
| 19  |                      | D1FZ-6500-A         | (000000- )              | Tappet Assembly, Std.                              | 8       |
| 19  |                      | 711F-6500-DA        | (000000- )              | Tappet Assembly, 0.004" O/S                        | As Req. |
| 20  |                      | 86BM-6565-AC        | (000000- )              | Rod, Valve Push                                    | 8       |
| 21  |                      | 77BM-6529-AB        | (000000- )              | Arm, Valve Rocker, Right, with Screw               | 4       |
|     |                      | 77BM-6K528-AB       | (000000- )              | Arm, Valve Rocker, Left, with Screw                | 4       |
| 22  | 37693                | D0RY-6549-B         | (000000- )              | Screw, Adjusting, Self-Locking                     | 8       |
| 23  |                      | 77BM-6531-BB        | (000000- )              | Support, Rocker Arm Shaft                          | 4       |
| 24  |                      | E630031-S101        | (000000- )              | Washer, B10 x 20 x 2.5                             | 4       |
| 25  |                      | E600314-S72         | (000000- )              | Bolt, Rocker Support, M10 x 45                     | 4       |
| 26  |                      | D0RY-6587-A         | (000000- )              | Spring, Locating                                   | 3       |
| 27  |                      | 77BM-6A557-BB       | (000000- )              | Shaft Assembly, Rocker Arm                         | 1       |
| 28  |                      | D1FZ-6026-E         | (000000- )              | Plug, Rocker Arm Shaft                             | 2       |
| 29  |                      | 77BM-6598-AB        | (000000- )              | Washer, Spring                                     | 2       |
| 30  |                      | 116106-ES10         | (000000- )              | Washer, Flat                                       | 2       |
| 31  |                      | 72025-S7            | (000000- )              | Pin, Cotter                                        | 2       |

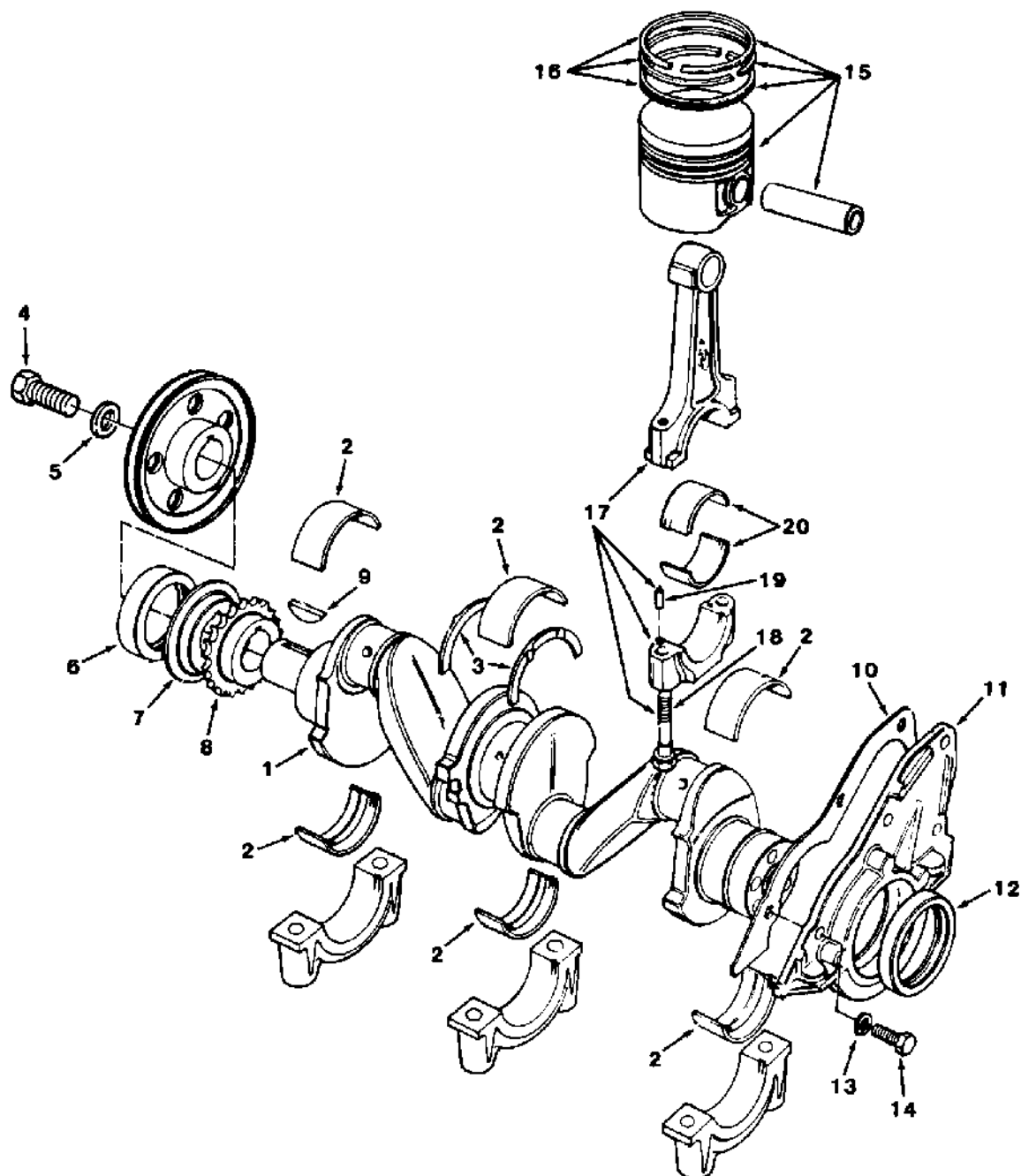


Fig. 4 – Crankshaft and Piston Group

Fig. 4 – Crankshaft and Piston Group

| Key | TENNANT®<br>Part No. | Ford<br>Part Number | Engine<br>Serial Number | Description                                            | Qty.    |
|-----|----------------------|---------------------|-------------------------|--------------------------------------------------------|---------|
| 1   |                      | 86BM-6303-AA        | (000000- )              | Crankshaft Assembly                                    | 1       |
| 2   |                      | 77BM-6333-BAA       | (000000- )              | Main Bearing, Crankshaft, Std. O/D Std. ID             | 6       |
| 2   |                      | 77BM-6333-BJA       | (000000- )              | Main Bearing, Crankshaft, Std. O/D 0.005" U/S ID       | As Req. |
| 2   |                      | 77BM-6333-BBA       | (000000- )              | Main Bearing, Crankshaft, Std. O/D 0.010" U/S ID       | As Req. |
| 2   |                      | 77BM-6333-BDA       | (000000- )              | Main Bearing, Crankshaft, Std. O/D 0.020" U/S ID       | As Req. |
| 2   |                      | 77BM-6333-BEA       | (000000- )              | Main Bearing, Crankshaft, Std. O/D 0.030" U/S ID       | As Req. |
| 2   |                      | 77BM-6333-BCA       | (000000- )              | Main Bearing, Crankshaft, 0.15" O/S O/D Std. ID        | As Req. |
| 2   |                      | 77BM-6333-BFA       | (000000- )              | Main Bearing, Crankshaft, 0.015" O/S O/D 0.010" U/S ID | As Req. |
| 2   |                      | 77BM-6333-BGA       | (000000- )              | Main Bearing, Crankshaft, 0.015" O/S O/D 0.020" U/S ID | As Req. |
| 2   |                      | 77BM-6333-BHA       | (000000- )              | Main Bearing, Crankshaft, 0.015" U/S O/D 0.030" U/S ID | As Req. |
| 3   |                      | 77BM-6A341-AA       | (000000- )              | Washer, Main Bearing Thrust Std.                       | 2       |
|     |                      | 77BM-6A341-BA       | (000000- )              | Washer, Main Bearing Thrust 0.015" O/S                 | As Req. |
| 4   | 07706                | E800334-S76         | (000000- )              | Bolt, Pulley to Crankshaft, M12 x 35                   | 1       |
| 5   | 07707                | E830135-S76         | (000000- )              | Washer, Pulley to Crankshaft, B12                      | 1       |
| 6   |                      | 83BM-6700-A4A       | (000000- )              | Seal, Timing Cover                                     | 1       |
| 7   |                      | D8RZ-6310-A         | (000000- )              | Slinger, Oil                                           | 1       |
| 8   | 37321                | D0RY-6306-A         | (000000- )              | Sprocket, Crankshaft                                   | 1       |
| 9   | 37312                | D0RY-6B316-A        | (000000- )              | Key, Woodruff                                          | 1       |
| 10  |                      | 86BM-6344-AA        | (000000- )              | Gasket, Rear Oil Seal Retainer                         | 1       |
| 11  |                      | 86BM-6K318-AA       | (000000- )              | Retainer Assembly, Rear                                | 1       |
| 12  |                      | 83AM-6701-A1A       | (000000- )              | Seal, Rear                                             | 1       |
| 13  |                      | E630173-S71M        | (000000- )              | Washer, Lock, B8                                       | 4       |
| 14  |                      | E602187-S82         | (000000- )              | Bolt, M8 x 20                                          | 4       |
| 15  |                      | 86BM-6102-AC        | (000000- )              | Piston, Pin And Ring Assembly, Std.                    | 4       |
| 15  |                      | 86BM-6102-BC        | (000000- )              | Piston, Pin And Ring Assembly 0.020" O/S               | As Req. |
| 15  |                      | 86BM-6102-CC        | (000000- )              | Piston, Pin And Ring Assembly 0.040" O/S               | As Req. |
| 16  |                      | 84BM-6148-DA        | (000000- )              | Ring Set, Piston, Std.                                 | 4       |
| 16  |                      | 84BM-6148-EA        | (000000- )              | Ring Set, Piston, 0.020" O/S                           | As Req. |
| 16  |                      | 84BM-6148-FA        | (000000- )              | Ring Set, Piston, 0.040" O/S                           | As Req. |
| 17  |                      | 86BM-6200-AA        | (000000- )              | Rod Assembly, Connecting                               | 4       |
| 18  |                      | 77BM-6214-AA        | (000000- )              | Bolt, Connecting Rod                                   | 8       |
| 19  |                      | 116336-ES100        | (000000- )              | Dowel Pin, Connecting Rod                              | 8       |
| 20  |                      | 81SM-6211-AA        | (000000- )              | Bearing, Connecting Rod, Std.                          | 8       |
| 20  |                      | 81SM-6211-FA        | (000000- )              | Bearing, Connecting Rod, 0.001" U/S                    | As Req. |
| 20  |                      | 81SM-6211-BA        | (000000- )              | Bearing, Connecting Rod, 0.010" U/S                    | As Req. |
| 20  |                      | 81SM-6211-CA        | (000000- )              | Bearing, Connecting Rod, 0.020" U/S                    | As Req. |
| 20  |                      | 81SM-6211-DA        | (000000- )              | Bearing, Connecting Rod, 0.030" U/S                    | As Req. |
| 20  |                      | 81SM-6211-EA        | (000000- )              | Bearing, Connecting Rod, 0.040" U/S                    | As Req. |

NOTE: To identify parts shown but not listed here, see Section 5, Low Dump Model Parts.



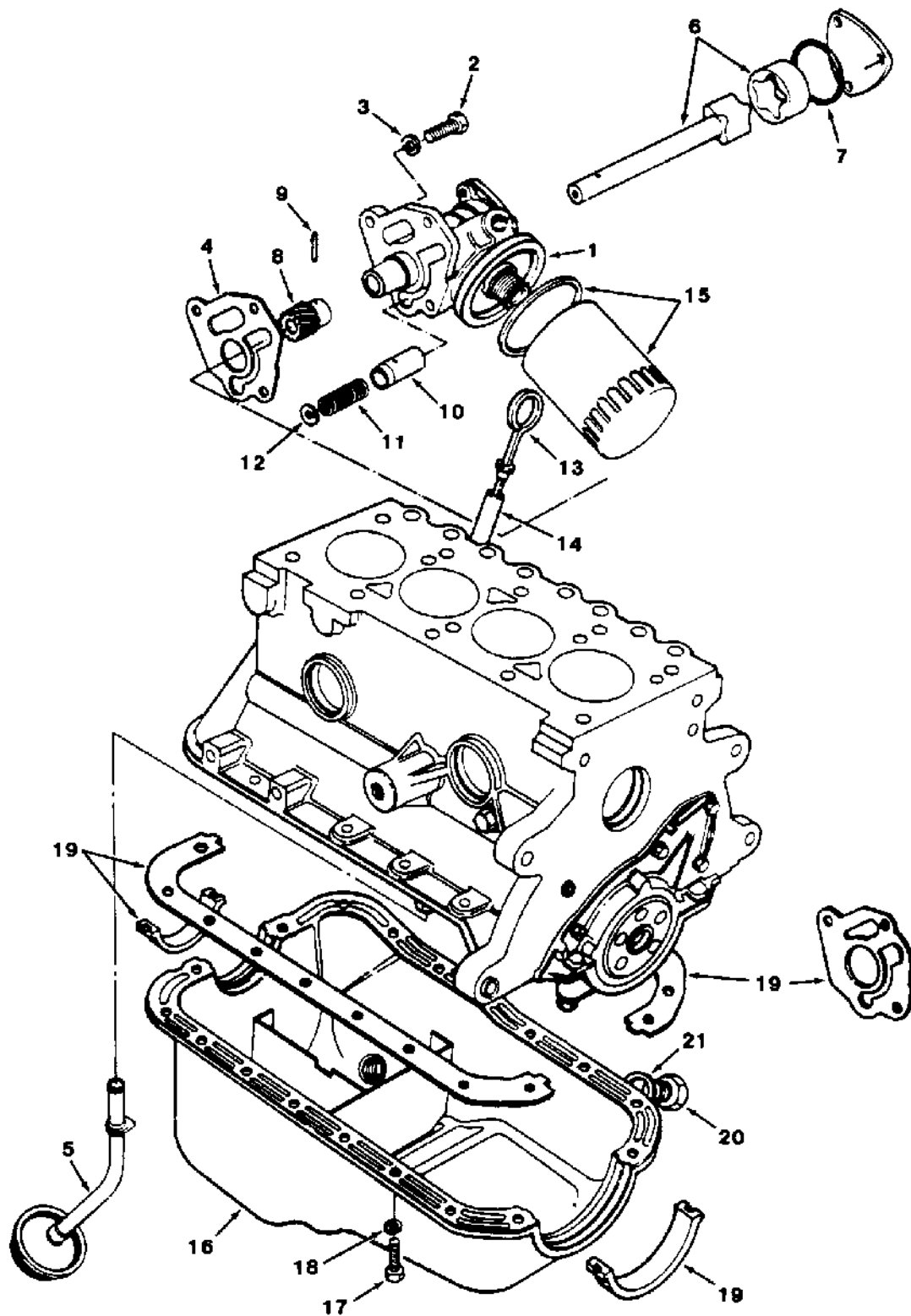
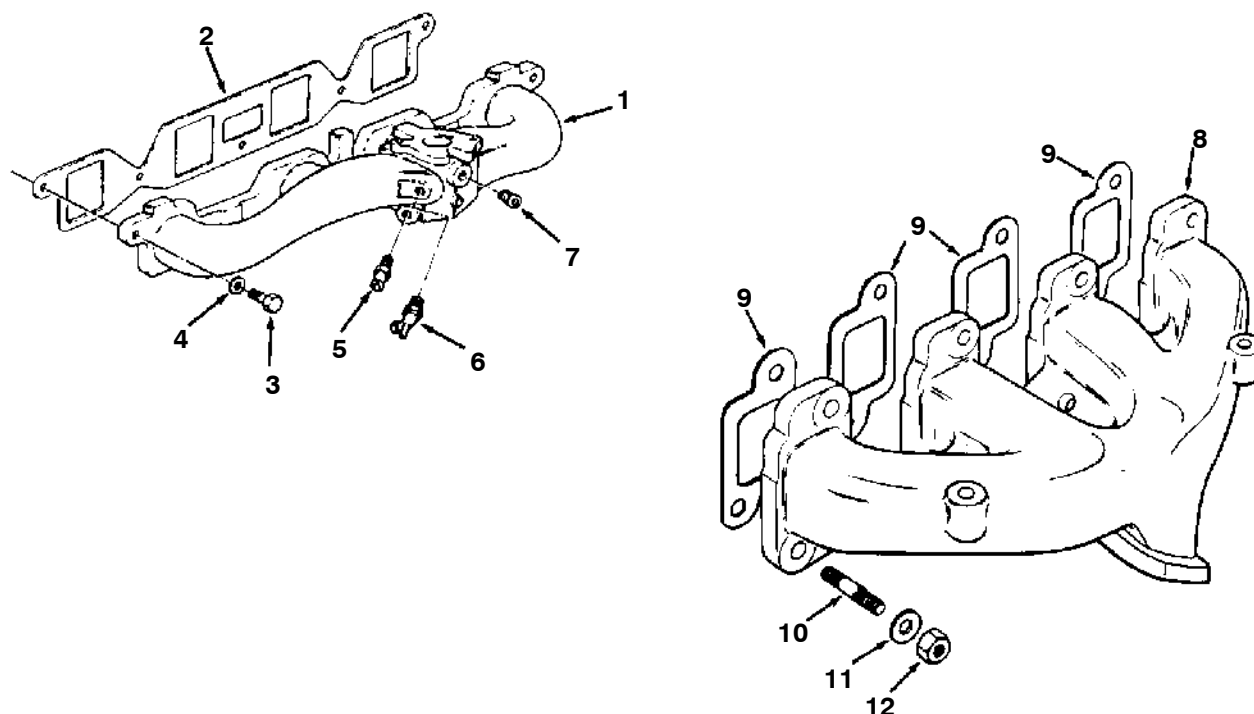


Fig. 5 – Oil Pump and Oil Pan Group

Fig. 5 – Oil Pump and Oil Pan Group

| Key | TENNANT®<br>Part No. | Ford<br>Part Number | Engine<br>Serial Number | Description                    | Qty. |
|-----|----------------------|---------------------|-------------------------|--------------------------------|------|
| 1   | 07710                | D8RZ-6600-A         | (000000- )              | Pump, Oil                      | 1    |
| 2   |                      | E602188-S72         | (000000- )              | Bolt, M8 x 25                  | 3    |
| 3   |                      | E630173-S71M        | (000000- )              | Washer, B8 Lock                | 3    |
| 4   | 37341                | D1FZ-6659-A         | (000000- )              | Gasket, Oil Pump to Block      | 1    |
| 5   |                      | 77BM-6617-AD        | (000000- )              | Tube Assembly, Oil Pickup      | 1    |
| 6   |                      | D1FZ-6608-B         | (000000- )              | Rotor And Shaft                | 1    |
| 7   | 37403                | 116682-ES           | (000000- )              | Seal, Cover Plate              | 1    |
| 8   |                      | D0RY-6652-A         | (000000- )              | Gear, Oil Pump Drive           | 1    |
| 9   |                      | 72432-S             | (000000- )              | Pin, Drive Gear                | 1    |
| 10  |                      | D0RY-6674-A         | (000000- )              | Plunger, Oil Pump Relief Valve | 1    |
| 11  |                      | D0RY-6670-A         | (000000- )              | Spring, Oil Pump Relief Valve  | 1    |
| 12  |                      | D0RY-6666-A         | (000000- )              | Plug, Oil Pump Relief Valve    | 1    |
| 13  | 10790                | D8RZ-6750-A         | (000000- )              | Indicator, Oil Level           | 1    |
| 14  | 10791                | 77BM-6784-AC        | (000000- )              | Tube, Oil Level Indicator      | 1    |
| 15  | 58122                | FL-271              | (000000- )              | Oil Filter                     | 1    |
| 16  |                      | 86BM-6675-AA        | (000000- )              | Oil Pan                        | 1    |
| 17  |                      | E602165-S72         | (000000- )              | Bolt, Oil Pan, M6 x 14         | 18   |
| 18  |                      | 34805-S8            | (000000- )              | Washer, 0.25" Lock             | 18   |
| 19  |                      | A85OX-6013-AA       | (000000- )              | Gasket Kit, Oil Pan            | 1    |
| 20  |                      | E0FZ-6730-B         | (000000- )              | Plug, Oil Drain                | 1    |
| 21  |                      | E0FZ-6734-A         | (000000- )              | Gasket, Oil Drain Plug         | 1    |


**Fig. 6 – Intake and Exhaust Manifold Group**

03930

| Key | TENNANT®<br>Part No. | Ford<br>Part Number | Engine<br>Serial Number | Description                                       | Qty.    |
|-----|----------------------|---------------------|-------------------------|---------------------------------------------------|---------|
| 1   |                      | 86BF-9425-FB        | (000000- )              | Manifold, Intake                                  | 1       |
| 2   | 07714                | 77BM-9441-DA        | (000000- )              | Gasket, Intake Manifold                           | 1       |
| 3   |                      | E602188-S72         | (000000- )              | Bolt, Intake Manifold to Cylinder Head            | 5       |
| 4   |                      | E630173-S71         | (000000- )              | Washer, Lock, Intake Manifold to<br>Cylinder Head | 5       |
| 5   |                      | 377665-S7-8         | (000000- )              | Adapter, 0.38" - 18                               | 1       |
| 6   |                      | 72EG-2A411-BA       | (000000- )              | Connector, 0.25" - 18                             | 1       |
| 7   |                      | 87837-S             | (000000- )              | Plug, 0.25" - 18                                  | As Req. |
| 8   |                      | 84BF-9430-BA        | (000000- )              | Manifold, Exhaust                                 | 1       |
| 9   | 07708                | 77BM-9448-EA        | (000000- )              | Gasket, Exhaust Manifold                          | 4       |
| 10  |                      | E804627-S76         | (000000- )              | Stud, Exhaust Manifold to Cylinder Head           | 8       |
| 11  | 38034                | 120907-ES8          | (000000- )              | Washer, Manifold to Cylinder Head                 | 8       |
| 12  |                      | E620433-S72         | (000000- )              | Nut, Manifold to Cylinder Head                    | 8       |

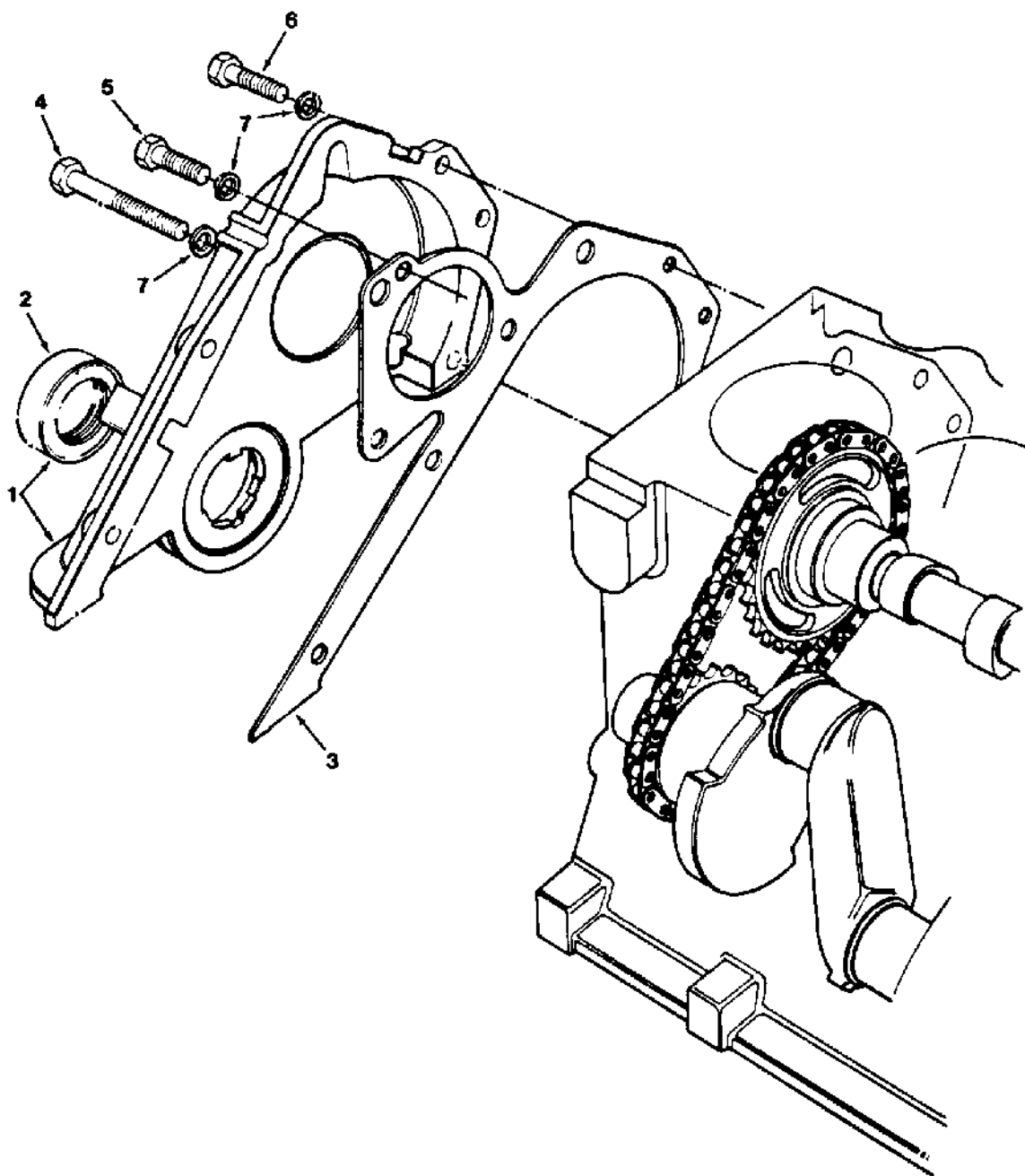


Fig. 7 – Front Cover Group

03931

| Key | TENNANT®<br>Part No. | Ford<br>Part Number | Engine<br>Serial Number | Description                                           | Qty. |
|-----|----------------------|---------------------|-------------------------|-------------------------------------------------------|------|
| 1   |                      | 77BM-6059-AE        | (000000- )              | Cover and Seal Assembly, Cylinder Front               | 1    |
| 2   |                      | 83BM-6700-A4A       | (000000- )              | Seal, Front Cover                                     | 1    |
| 3   |                      | D8RZ-6020-A         | (000000- )              | Gasket, Cylinder Front Cover                          | 1    |
| 4   |                      | E600115-S72         | (000000- )              | Bolt, M6 x 50, Front Cover to Block                   | 1    |
| 5   |                      | E600113-S72         | (000000- )              | Bolt, M6 x 40, Front Cover and Water<br>Pump to Block | 3    |
| 6   |                      | E602167-S71         | (000000- )              | Bolt, M6 x 20, Front Cover to Block                   | 4    |
| 7   |                      | E630152-S71         | (000000- )              | Washer, Lock, B6                                      | 8    |

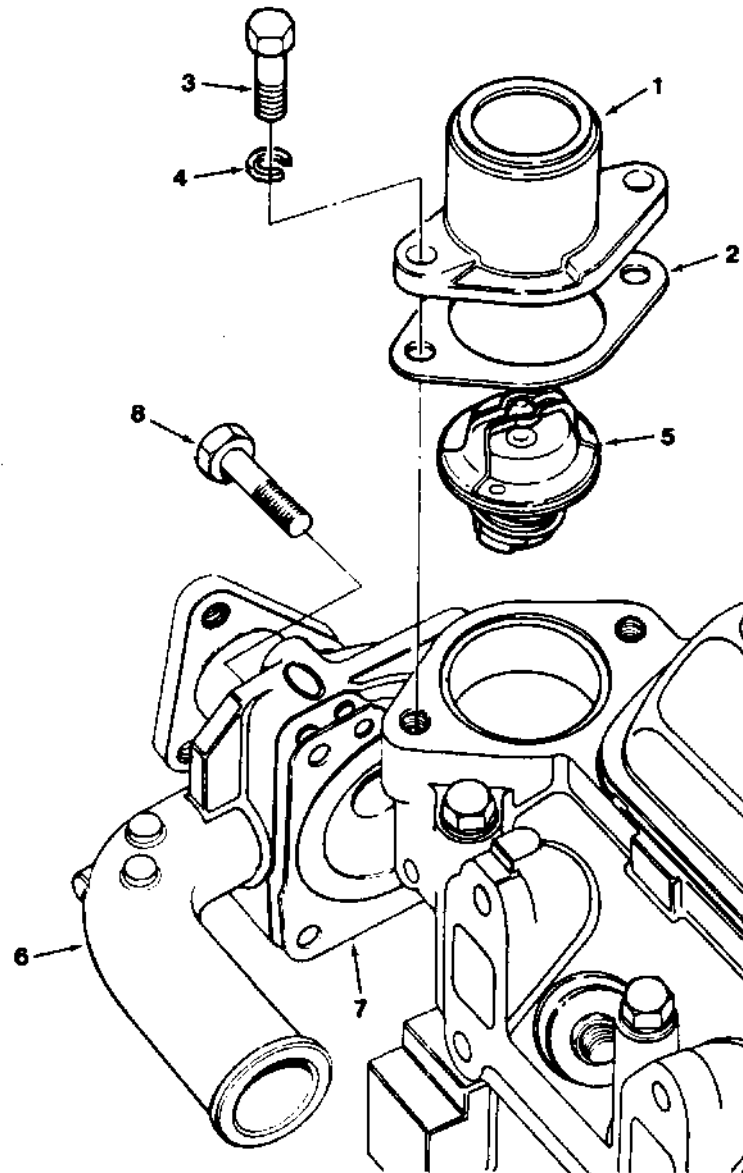


Fig. 8 – Water Pump Group

Fig. 8 – Water Pump Group

| Key | TENNANT®<br>Part No. | Ford<br>Part Number | Engine<br>Serial Number | Description                                                | Qty. |
|-----|----------------------|---------------------|-------------------------|------------------------------------------------------------|------|
| 1   | 57548                | 771F-8250-BA        | (000000- )              | Connection, Water Outlet                                   | 1    |
| 2   | 54911-25             | D1FZ-8255-B         | (000000- )              | Gasket, Water Outlet Connection                            | 1    |
| 3   |                      | E602187-S82         | (000000- )              | Bolt, Water Outlet Connection to<br>Cylinder Head, M8 x 20 | 2    |
| 4   |                      | E630173-S71M        | (000000- )              | Washer, Lock, Water Outlet Connection<br>Bolt, B8          | 2    |
| 5   | 10403                | C5TE-8575-B         | (000000- )              | Thermostat, 160°                                           | 1    |
| 5   | 37327                | RT-351              | (000000- )              | Thermostat, 180°                                           | 1    |
| 6   | 07712                | D8RZ-8501-A         | (000000- )              | Water Pump                                                 | 1    |
| 7   | 07713                | D8RZ-8507-A         | (000000- )              | Gasket, Water Pump                                         | 1    |
| 8   |                      | E600113-S72         | (000000- )              | Bolt, Water Pump to Block                                  | 3    |

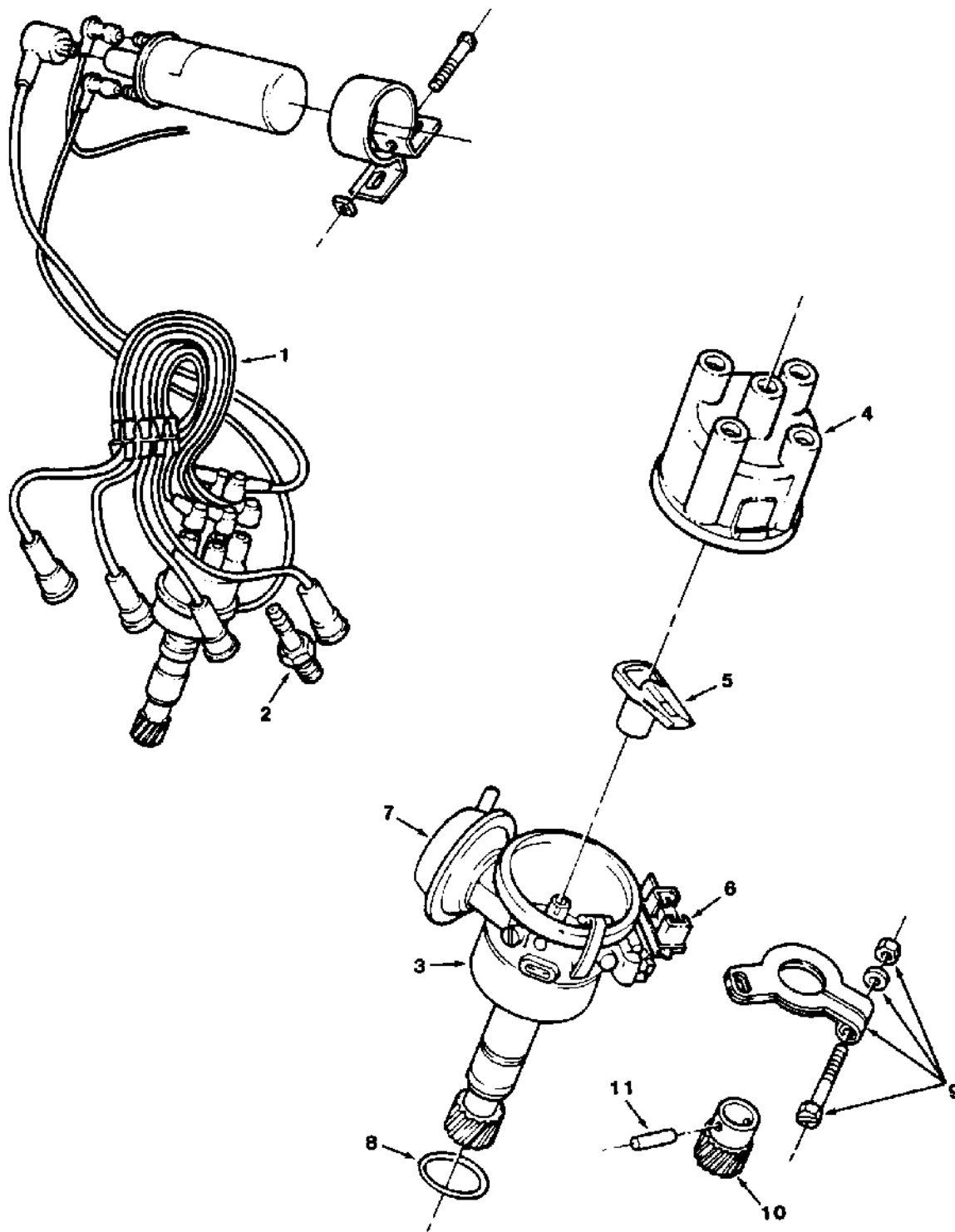


Fig. 9 – Distributor Group

*NOTE: To identify parts shown but not listed here, see Section 5, Low Dump Model Parts.*

Fig. 9 – Distributor Group

| Key | TENNANT®<br>Part No. | Ford<br>Part Number | Engine<br>Serial Number | Description               | Qty. |
|-----|----------------------|---------------------|-------------------------|---------------------------|------|
| 1   | 10802                | 86BF-12286-AB       | (000000- )              | Wire, Spark Plug No.1     | 1    |
| 1   | 10803                | 86BF-12283-AB       | (000000- )              | Wire, Spark Plug No.2     | 1    |
| 1   | 10804                | 86BF-12284-AB       | (000000- )              | Wire, Spark Plug No.3     | 1    |
| 1   | 10805                | 86BF-12287-AB       | (000000- )              | Wire, Spark Plug No.4     | 1    |
| 2   | 07764                | AGRF-22             | (000000- )              | Spark Plug                | 4    |
| 3   | 07770                | 86BF-12100-FA       | (000000- )              | Distributor, Complete     | 1    |
| 4   | 58507                | 72HF-12106-AA       | (000000- )              | Cap, Distributor          | 1    |
| 5   | 82697                |                     | (000000- )              | Rotor                     | 1    |
| 6   |                      | 86BF-12K062-AA      | (000000- )              | Module, Ignition          | 1    |
| 7   |                      | 86BF-12370-CA       | (000000- )              | Diaphragm, Vacuum Advance | 1    |
| 8   |                      | D1RY-12143-A        | (000000- )              | Seal                      | 1    |
| 9   |                      | 77BF-12273-AA       | (000000- )              | Clamp Assembly            | 1    |
| 10  |                      | C6AH-12390-B        | (000000- )              | Gear                      | 1    |
| 11  |                      | 67555-S             | (000000- )              | Pin                       | 1    |



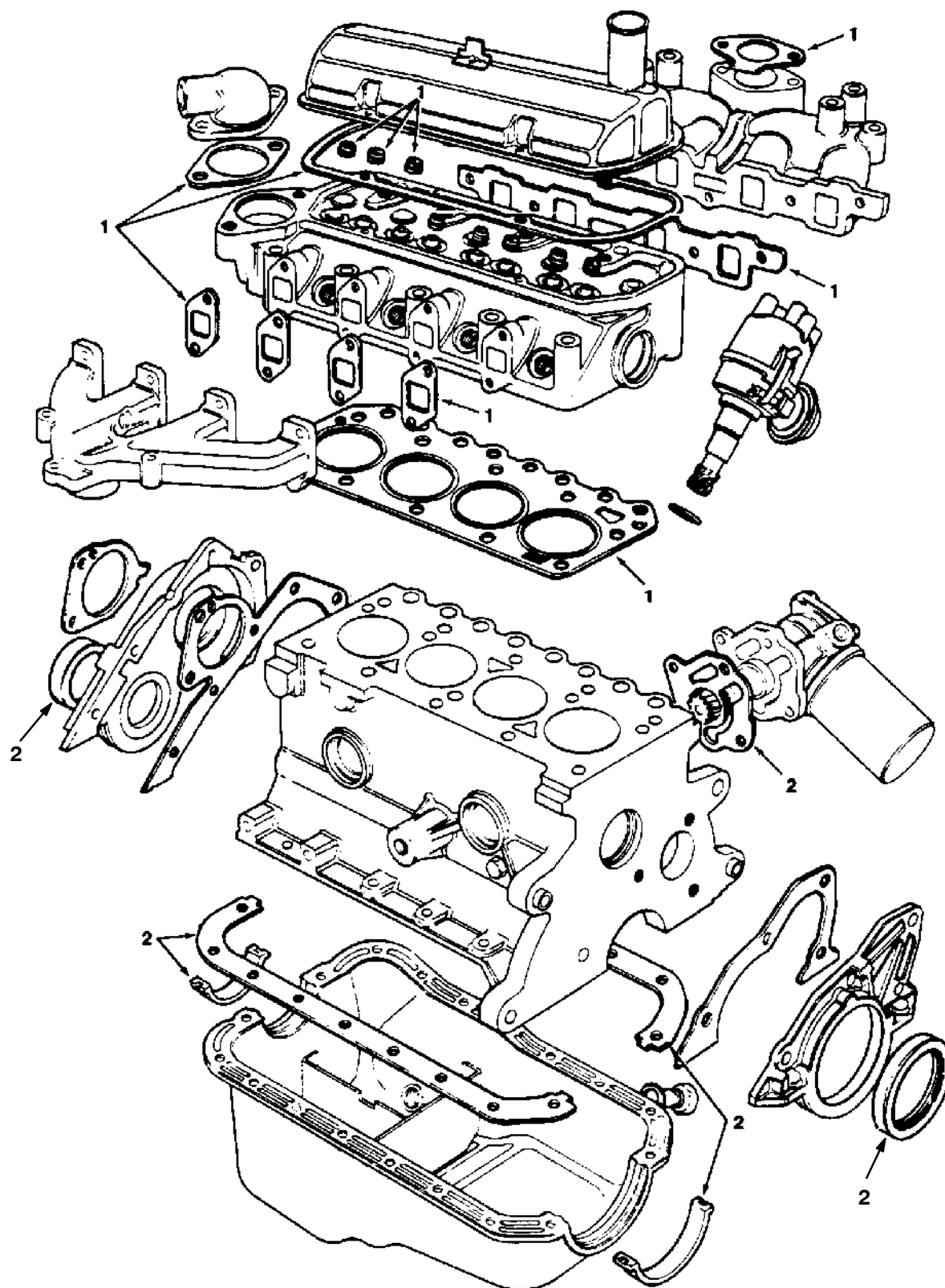


Fig. 10 – Gaskets Group

NOTE: To identify parts shown but not listed here, see Section 5, Low Dump Model Parts.

Fig. 10 – Gaskets Group

| Key | TENNANT®<br>Part No. | Ford<br>Part Number | Engine<br>Serial Number | Description       | Qty. |
|-----|----------------------|---------------------|-------------------------|-------------------|------|
| 1   |                      | A85OX-6014-KNA      | (000000- )              | Gasket Kit, Upper | 1    |
| 2   |                      | A85OX-6013-AA       | (000000- )              | Gasket Kit, Lower | 1    |

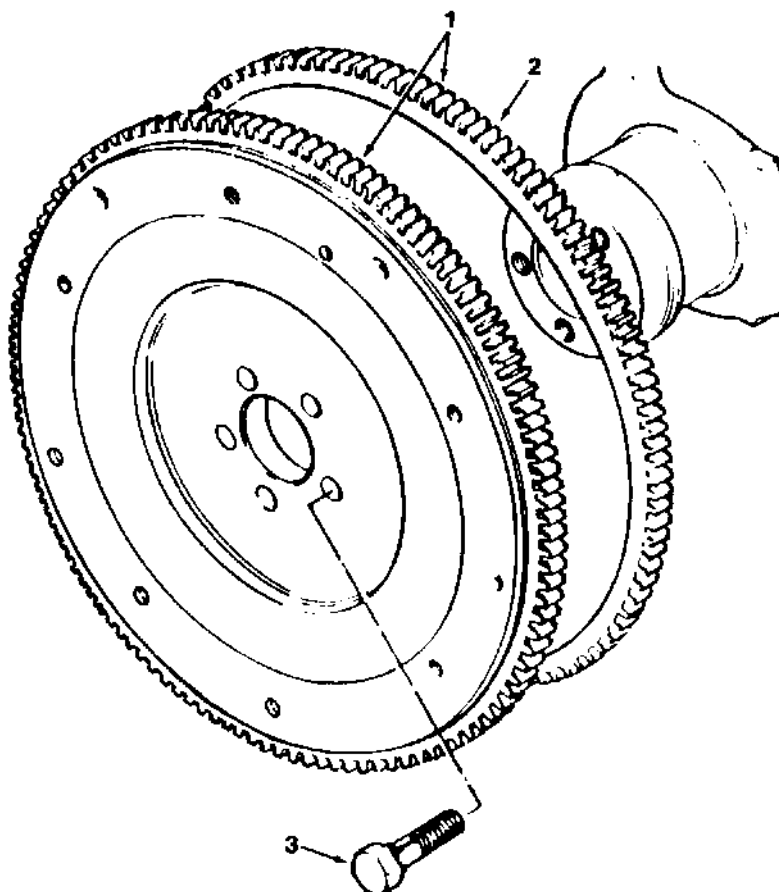


Fig. 11 – Flywheel Group

03933

| Key | TENNANT®<br>Part No. | Ford<br>Part Number | Engine<br>Serial Number | Description                              | Qty. |
|-----|----------------------|---------------------|-------------------------|------------------------------------------|------|
| 1   |                      | 84FM-6375-AB        | (000000- )              | Flywheel And Ring Gear Assembly          | 1    |
| 2   | 52488                | D8RZ-6384-A         | (000000- )              | Ring Gear, Flywheel                      | 1    |
| 3   |                      | 388156-GS           | (000000- )              | Bolt, Flywheel to Crankshaft, M10 x 22.5 | 5    |

## SECTION 11

## CONTENTS

|                                               | Page  |
|-----------------------------------------------|-------|
| ORDERING REPAIR PARTS .....                   | 11-3  |
| Fig. 1 – Cylinder Head, Valves Group .....    | 11-4  |
| Fig. 2 – Cylinder Block Group .....           | 11-6  |
| Fig. 3 – Camshaft and Valve Control Group .   | 11-8  |
| Fig. 4 – Crankshaft and Piston Group .....    | 11-10 |
| Fig. 5 – Oil Pump and Oil Pan Group .....     | 11-12 |
| Fig. 6 – Intake Manifold Group .....          | 11-14 |
| Fig. 7 – Front Cover Assembly Group .....     | 11-15 |
| Fig. 8 – Water Pump Group .....               | 11-16 |
| Fig. 9 – Distributorless Ignition Group ..... | 11-17 |
| Fig. 10 – Gaskets Group .....                 | 11-18 |
| Fig. 11 – Flywheel Group .....                | 11-19 |

*NOTE: SECTION 11, ENGINE PARTS, DIS, GASOLINE, LPG, lists repair parts for Distributorless (DIS) Gasoline and LPG Engines, TENNANT Part No. 30296, for machines with serial number 010750 and above.*



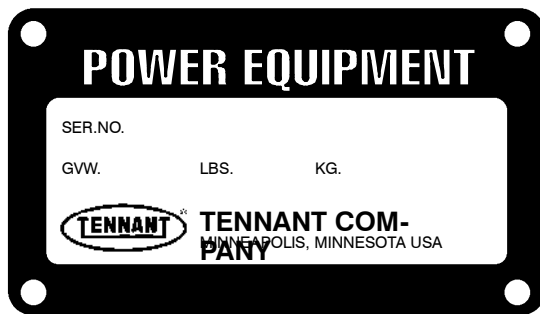
**ORDERING REPAIR PARTS**

The components used in this machine have been carefully selected for performance and safety. Use only Tennant Company specified or equivalent parts.

To receive prompt service in filling of your parts orders, please direct all orders for parts with Tennant Company part numbers to the Tennant Company, and all orders for parts with vendor part numbers to the local supplier of the respective vendor.

When ordering parts, please furnish all of the following information:

1. Machine model number - shown on the machine data plate.



2. Machine serial number - shown on the machine data plate.
3. Power source - gasoline, LPG, diesel, electric.
4. Company name.
5. Shipping address.
6. Billing address.
7. Name, first and last - of person ordering parts.
8. Telephone number.
9. Purchase order number.
10. Part number, description, and quantity - of each item on the order.
11. Customer ID Number.

Do not order parts by key number or the figure number of the illustrated parts. Indented items indicate parts of assemblies. Standard hardware is furnished only when part of a purchased assembly. Please get hardware from a local hardware supplier.

If the old part cannot be identified, send it to us with the quantity needed specified on the order.

Any claim for loss or damage to a shipment in transit should be filed promptly against the transportation company making the delivery. Shipments will be complete unless the packing list or order acknowledgement indicate items back ordered.

If parts received are suspected to be incorrect or defective, please write, wire, or phone the Tennant Company representative from whom you ordered the part. They will give authorization for return and/or handle replacement shipments when required.

**SERIAL NUMBER INFORMATION EXPLANATION**

Serial number listings are shown to indicate on which machines each part can be used. These listings are explained by the following examples:

(000000— ) The part can be used on all machines.

(003342— ) The part can be used on all machines beginning with the serial number listed.

(000000—004320) The part can be used on all machines up to and including serial number listed.

(004321—005678) The part can be used on all machines between and including the serial numbers listed.

Where xxxxxx's are listed in place of a serial number, it indicates a change was made but the exact serial number had not been established when the catalog went to press.

**SI UNITS OF MEASURE  
(INTERNATIONAL SYSTEM)**

Metric equivalents have been included, where applicable, throughout this parts catalog.

**FASTENER STRENGTH IDENTIFICATION**

Fasteners required to have high—strength qualities equivalent to SAE Grade 8 are identified throughout this catalog by the description GR 8. Unless identified by this description, all standard fasteners are SAE Grade 5.

(Specifications and design subject to change without notice.)

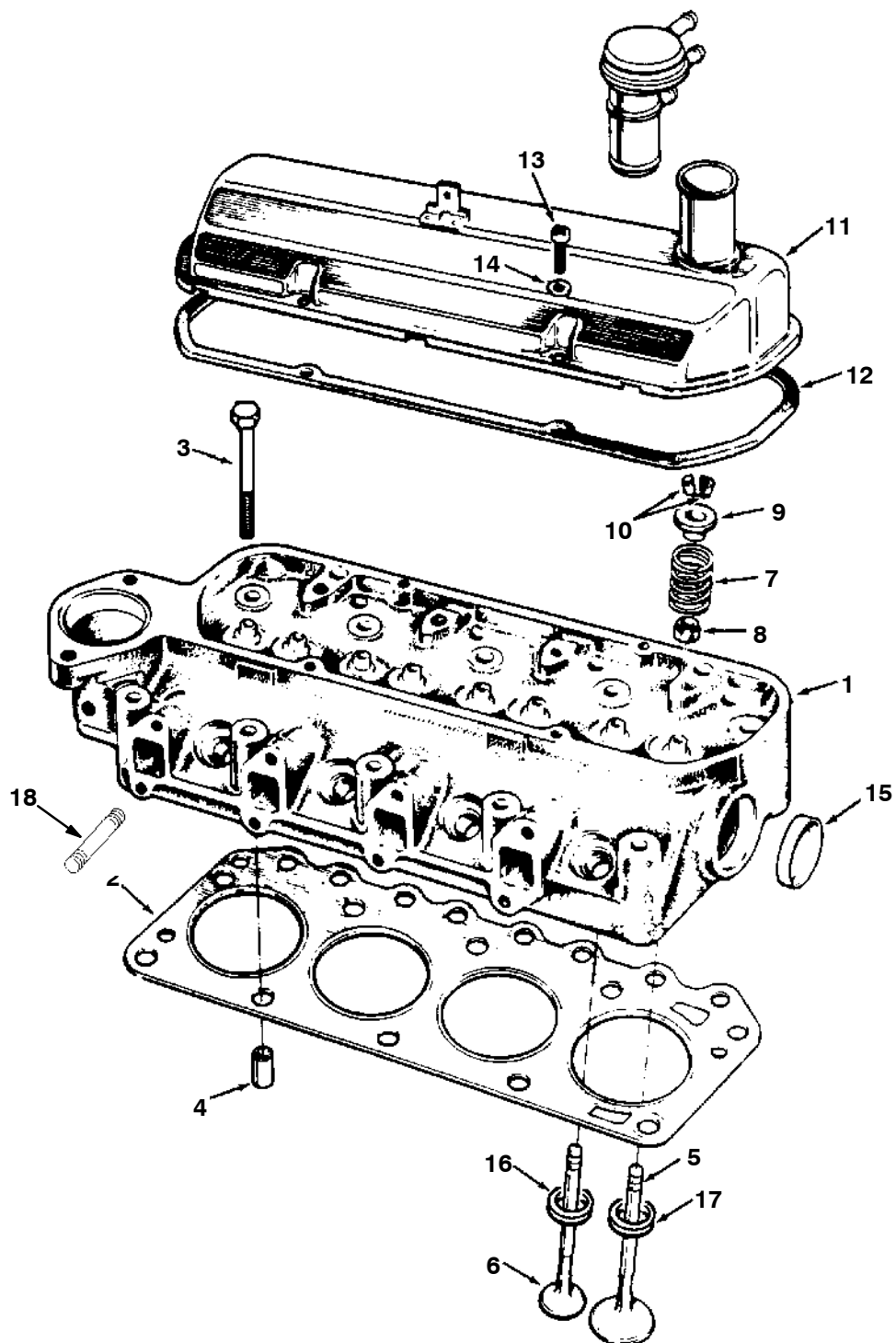


Fig. 1 – Cylinder Head, Valves Group

NOTE: To identify parts shown but not listed here, see SECTION 5, STANDARD MODEL PARTS.

Fig. 1 – Cylinder Head, Valves Group

| Key | TENNANT<br>Part No. | Ford<br>Part Number | Engine<br>Serial Number | Description                   | Qty.    |
|-----|---------------------|---------------------|-------------------------|-------------------------------|---------|
| 1   | 36279               | 89BM-6049-DD        | (000000- )              | Head Assembly, Cylinder       | 1       |
| 2   | 36281               | 89BM-6051-C1C       | (000000- )              | Gasket, Cylinder Head         | 1       |
| 3   | 36297               | 89BM-6065-DA        | (000000- )              | Bolt, Cylinder Head           | 10      |
| 4   | 36298               | E840126-S           | (000000- )              | Dowel, Cylinder Head to Block | 2       |
| 5   | 36300               | 89BM-6507-BA        | (000000- )              | Valve, Intake, Std            | 4       |
| 5   | 36303               | 89BM-6507-BC        | (000000- )              | Valve, Intake, 0.40 mm O/S    | As Req. |
| 6   | 36306               | 89BM-6505-BC        | (000000- )              | Valve, Exhaust, 0.40 mm O/S   | As Req. |
| 6   | 36307               | 89BM-6505-CA        | (000000- )              | Valve, Exhaust, Std           | 4       |
| 7   | 36315               | 89BM-6513-AA        | (000000- )              | Spring, Valve                 | 8       |
| 8   | 36317               | D1FZ-6571-B         | (000000- )              | Seal, Valve Stem              | 8       |
| 9   | 36318               | 89BM-6A536-AA       | (000000- )              | Retainer                      | 8       |
| 10  | 36319               | 88WM-6518-AA        | (000000- )              | Lock, Valve Spring            | 16      |
| 11  | 36321               | 89BM-6582-AA        | (000000- )              | Cover, Rocker Arm             | 1       |
| 12  | 07705               | 77BM-6584-CA        | (000000- )              | Gasket, Rocker Arm Cover      | 1       |
| 13  | 36324               | E800516-S72         | (000000- )              | Screw, Rocker Cover to Head   | 4       |
| 14  | 36325               | 118297-ES8          | (000000- )              | Washer, Flat, 6 mm,           | 4       |
| 15  | 36265               | D8RZ-6026-B         | (000000- )              | Plug                          | 1       |
| 16  | 36330               | 89BM-6057-A2E       | (000000- )              | Insert, Exhaust Valve Seat    | 4       |
| 17  | 41984               | 89BM-6056-A1F       | (000000- )              | Insert, Intake Valve Seat     | 4       |
| 18  | 30327               |                     | (000000- )              | Stud                          | 8       |



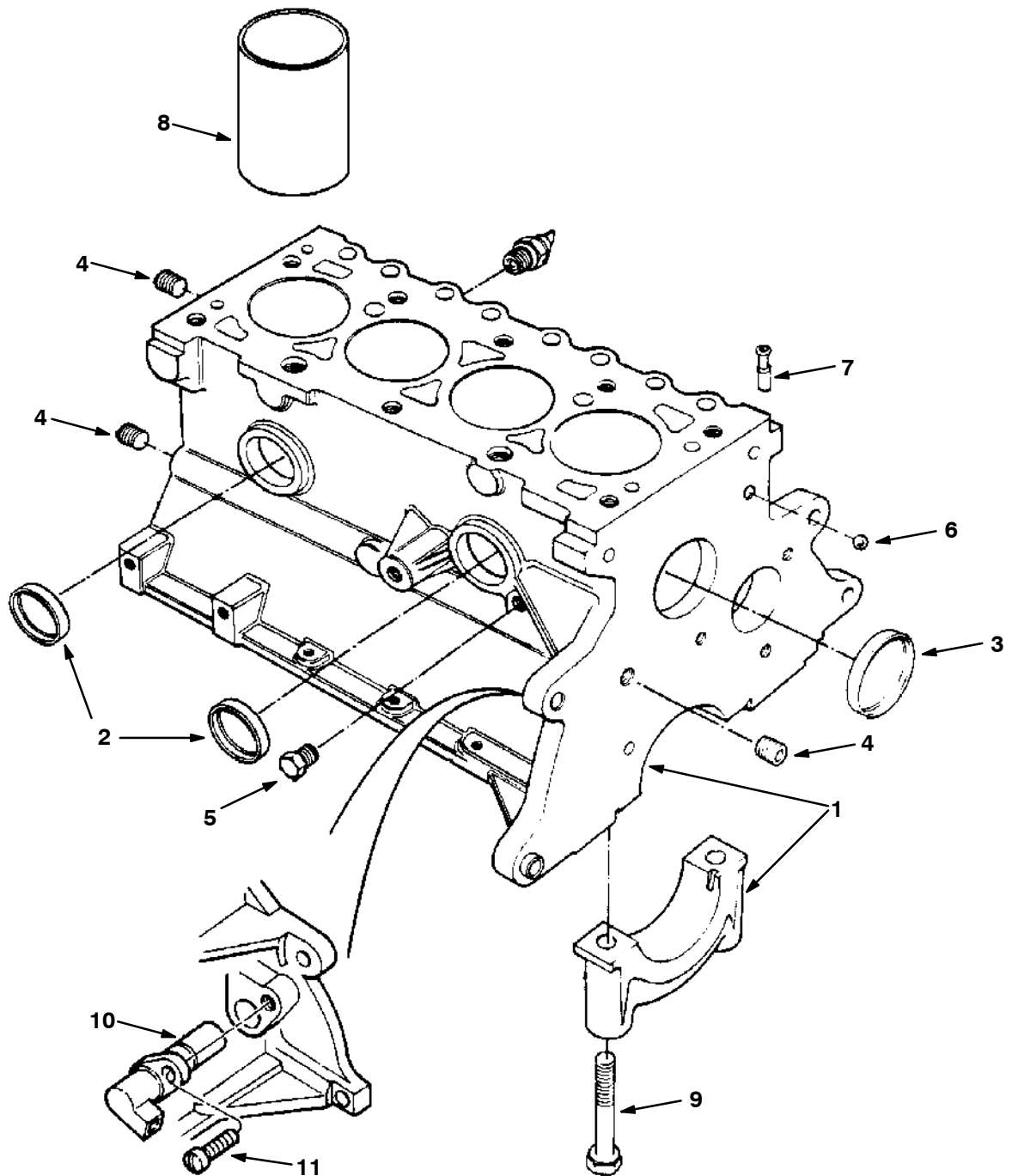


Fig. 2 – Cylinder Block Group

NOTE: To identify parts shown but not listed here, see SECTION 5, STANDARD MODEL PARTS.

Fig. 2 – Cylinder Block Group

| Key | TENNANT®<br>Part No. | Ford<br>Part Number | Engine<br>Serial Number | Description                                          | Qty.    |
|-----|----------------------|---------------------|-------------------------|------------------------------------------------------|---------|
| 1   | 36264                | 89BM-6011-DA        | (000000- )              | Block, Cylinder, With Crank,<br>Pistons, Rings, etc. | 1       |
|     | 36263                | 89BM-6010-FA        | (000000- )              | Block, Cylinder                                      | 1       |
| 2   | 36265                | D8RZ-6026-B         | (000000- )              | Plug                                                 | 2       |
| 3   | 36267                | D8RZ-6026-A         | (000000- )              | Plug                                                 | 1       |
| 4   | 36268                | 87837-S             | (000000- )              | Plug, 1/4 NPT                                        | 3       |
| 5   | 36272                | 353055-S7           | (000000- )              | Plug, 1/4 NPT                                        | 1       |
| 6   | 36273                | E890100-S           | (000000- )              | Plug, Ball, Oil Gallery                              | 1       |
| 7   | 36274                | D8RZ-6767-A         | (000000- )              | Adapter                                              | 1       |
| 8   | 36275                | 89BM-6055-BA        | (000000- )              | Liner, Cylinder                                      | As Req. |
| 9   | 36276                | D1FZ-6345-A         | (000000- )              | Bolt, Main Bearing Cap                               | 10      |
| 10  | 36277                | 89BF-6C315-AA       | (000000- )              | Transducer                                           | 1       |
| 11  | 36278                | E802666-S72         | (000000- )              | Screw, M6 x 14                                       | 1       |

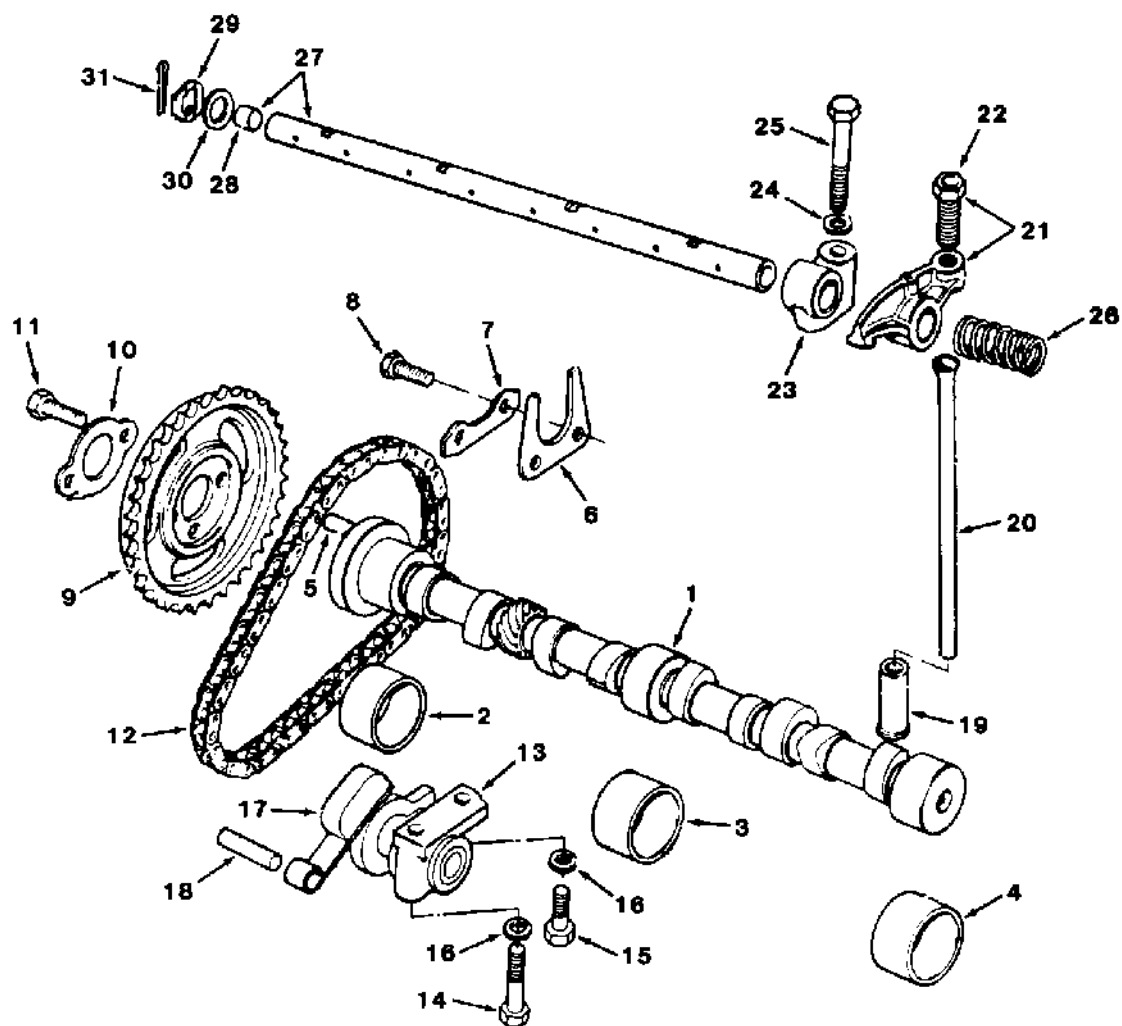


Fig. 3 – Camshaft and Valve Control Group

Fig. 3 – Camshaft and Valve Control Group

| Key | TENNANT®<br>Part No. | Ford<br>Part Number | Engine<br>Serial Number | Description                          | Qty.    |
|-----|----------------------|---------------------|-------------------------|--------------------------------------|---------|
| 1   | 36340                | 89BM-6251-AA        | (000000- )              | Camshaft                             | 1       |
| 2   | 37316                | DORY-6261-A         | (000000- )              | Bearing, Std ID – Std OD             | 1       |
| 2   | 37317                | DORY-6261-B         | (000000- )              | Bearing, Std ID + 0.020 OD           | As Req. |
| 3   | 37306                | DORY-6262-A         | (000000- )              | Bearing, Std ID – Std OD             | 1       |
| 3   | 38242                | DORY-6262-B         | (000000- )              | Bearing, Std ID + 0.020 OD           | As Req. |
| 4   | 37306                | DORY-6262-A         | (000000- )              | Bearing, Std ID – Std OD             | 1       |
| 4   | 38242                | DORY-6262-B         | (000000- )              | Bearing, Std ID + 0.020 OD           | As Req. |
| 5   | 36341                | DORY-6253-A         | (000000- )              | Dowel                                | 1       |
| 6   | 36342                | DORY-6269-A         | (000000- )              | Plate, Thrust                        | 1       |
| 7   | 36343                | DORY-6255-A         | (000000- )              | Retainer                             | 1       |
| 8   | 36344                | E602166-S72         | (000000- )              | Bolt, M6 x 16, Tensioner to Block    | 2       |
| 9   | 36345                | 77BM-6256-AA        | (000000- )              | Sprocket, Camshaft                   | 1       |
| 10  | 36348                | DORY-6258-A         | (000000- )              | Retainer                             | 1       |
| 11  | 36349                | E602351-S72         | (000000- )              | Bolt, M8 x 16                        | 2       |
| 12  | 37307                | DORY-6268-A         | (000000- )              | Chain                                | 1       |
| 13  | 37337                | D1FZ-6284-A         | (000000- )              | Tensioner                            | 1       |
| 14  | 36372                | E600116-S72         | (000000- )              | Bolt, M6 x 55, Tensioner to Block    | 1       |
| 15  | 36344                | E602166-S72         | (000000- )              | Bolt, M6 x 16, Tensioner to Block    | 1       |
| 16  | 36373                | 34805-S8            | (000000- )              | Washer, 1/4 Lock                     | 2       |
| 17  | 36374                | 77BM-6K255-AB       | (000000- )              | Arm, Tensioner                       | 1       |
| 18  | 37694                | D1FZ-6286-A         | (000000- )              | Pin                                  | 1       |
| 19  | 36375                | 89BM-6500-AA        | (000000- )              | Tappet, Std                          | 8       |
| 20  | 36381                | 89BM-6565-AA        | (000000- )              | Rod, Valve Push                      | 8       |
| 21  | 36382                | 89BM-6529-AB        | (000000- )              | Arm, Valve Rocker, Right, With Screw | 4       |
| 21  | 36383                | 89BM-6K528-AB       | (000000- )              | Arm, Valve Rocker, Left, With Screw  | 4       |
| 22  | 37693                | DORY-6549-B         | (000000- )              | Screw                                | 8       |
| 23  | 36384                | 77BM-6531-BB        | (000000- )              | Support, Rocker Arm Shaft            | 4       |
| 24  | 36389                | E630031-S101        | (000000- )              | Washer, B10 x 20 x 2.5               | 4       |
| 25  | 36390                | E800509-S72         | (000000- )              | Bolt, Rocker Support                 | 4       |
| 26  | 36402                | DORY-6587-A         | (000000- )              | Spring, Locating                     | 3       |
| 27  | 36405                | 77BM-6A557-BB       | (000000- )              | Shaft Assembly, Rocker Arm           | 1       |
| 28  | 36406                | D1FZ-6026-E         | (000000- )              | Plug, Rocker Arm Shaft, 11 mm        | 2       |
| 29  | 36407                | 77BM-6598-AB        | (000000- )              | Washer, Spring                       | 2       |
| 30  | 36408                | 116106-ES10         | (000000- )              | Washer, Flat                         | 2       |
| 31  | 36409                | 72025-S7            | (000000- )              | Pin, Cotter, 2.3 mm                  | 2       |

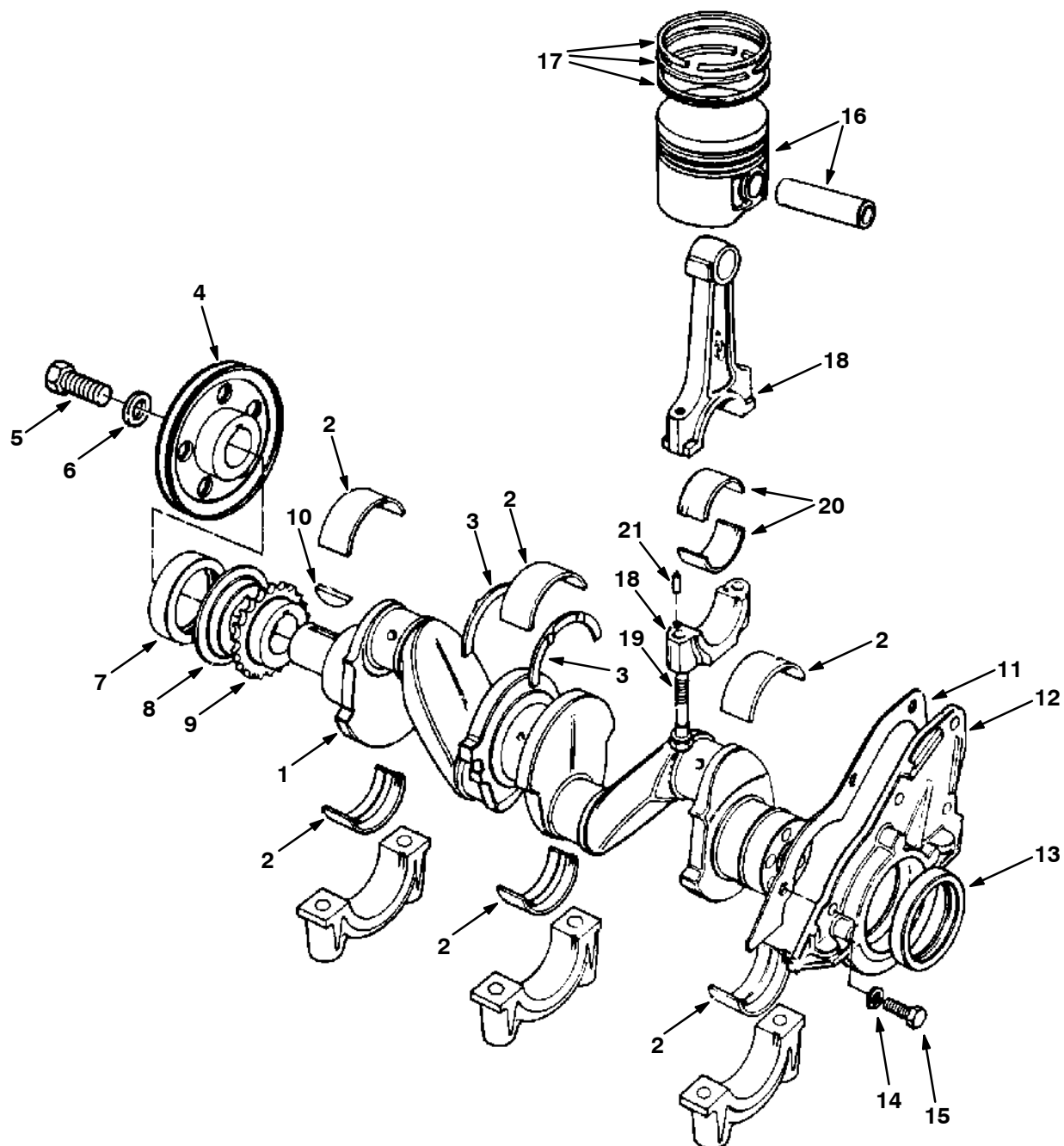


Fig. 4 – Crankshaft and Piston Group

Fig. 4 – Crankshaft and Piston Group

| Key | TENNANT® Part No. | Ford Part Number | Engine Serial Number | Description                                        | Qty.    |
|-----|-------------------|------------------|----------------------|----------------------------------------------------|---------|
| 1   | 36322             | 89BM-6303-DA     | (000000- )           | Crankshaft Assembly                                | 1       |
| 2   | 36410             | 89BM-6333-AA     | (000000- )           | Main Bearing, Crankshaft, Std OD, Std ID           | 5       |
| 2   | 36411             | 89BM-6333-BA     | (000000- )           | Main Bearing, Crankshaft, Std OD, 0.005 US ID      | As Req. |
| 2   | 36412             | 89BM-6333-CA     | (000000- )           | Main Bearing, Crankshaft, Std OD, 0.010 US ID      | As Req. |
| 2   | 36413             | 89BM-6333-DA     | (000000- )           | Main Bearing, Crankshaft, 0.015 OS OD, Std ID      | As Req. |
| 2   | 36414             | 89BM-6333-EA     | (000000- )           | Main Bearing, Crankshaft, Std OD, 0.020 US ID      | As Req. |
| 2   | 36415             | 89BM-6333-FA     | (000000- )           | Main Bearing, Crankshaft, Std OD, 0.030 US ID      | As Req. |
| 2   | 36416             | 89BM-6333-GA     | (000000- )           | Main Bearing, Crankshaft, 0.015 OS OD, 0.010 US ID | As Req. |
| 2   | 36418             | 89BM-6333-HA     | (000000- )           | Main Bearing, Crankshaft, 0.015 OS OD, 0.020 US ID | As Req. |
| 3   | 36419             | 89BM-6A341-AA    | (000000- )           | Washer, Main Bearing Thrust, Std                   | 2       |
| 3   | 36421             | 89BM-6A341-BA    | (000000- )           | Washer, Main Bearing Thrust, 0.015 OS              | As Req. |
| 4   | 36422             | 89BM-6312-AA     | (000000- )           | Pulley, Crankshaft, 1 Groove                       | 1       |
| 5   | 36423             | 89BM-6K340-AA    | (000000- )           | Bolt, Pulley to Crankshaft, M12 x 32               | 1       |
| 6   | 07707             | E830135-S76      | (000000- )           | Washer, Pulley to Crankshaft, B12                  | 1       |
| 7   | 36257             | 83BM-6700-A4A    | (000000- )           | Seal, Front Cover                                  | 1       |
| 8   | 36424             | D8RZ-6310-A      | (000000- )           | Slinger, Oil                                       | 1       |
| 9   | 37321             | DORY-6306-A      | (000000- )           | Sprocket                                           | 1       |
| 10  | 36429             | DORY-6B316-A     | (000000- )           | Key, Woodruff                                      | 1       |
| 11  | 36259             | 89BM-6344-BA     | (000000- )           | Gasket, Rear Retainer                              | 1       |
| 12  | 36430             | 86BM-6K318-AA    | (000000- )           | Retainer Assembly, Rear                            | 1       |
| 13  | 36262             | D7RZ-6701-A      | (000000- )           | Seal, Crankshaft Rear                              | 1       |
| 14  | 36431             | E630173-S71M     | (000000- )           | Washer, B8 Lock                                    | 4       |
| 15  | 37181             | E602187-S82      | (000000- )           | Bolt, M8 x 20                                      | 4       |
| 16  | 36432             | 89BM-6102-DA     | (000000- )           | Piston, Pin and Ring Assembly, Std                 | 4       |
| 16  | 36433             | 89BM-6102-EA     | (000000- )           | Piston, Pin and Ring Assembly, 0.020 OS            | As Req. |
| 16  | 36445             | 89BM-6102-FA     | (000000- )           | Piston, Pin and Ring Assembly, 0.040 OS            | As Req. |
| 17  | 36450             | 84BM-6148-DA     | (000000- )           | Ring Set, Piston, Std                              | 4       |
| 17  | 36451             | 84BM-6148-EA     | (000000- )           | Ring Set, Piston, 0.020 OS                         | As Req. |
| 17  | 36452             | 84BM-6148-FA     | (000000- )           | Ring Set, Piston, 0.040 OS                         | As Req. |
| 18  | 36453             | 86BM-6200-AA     | (000000- )           | Rod Assembly, Connecting                           | 4       |
| 19  | 36454             | 89BM-6214-CB     | (000000- )           | Bolt, Connecting Rod                               | 8       |
| 20  | 36463             | 89SM-6211-AA     | (000000- )           | Bearing, Connecting Rod, Std                       | 8       |
| 20  | 36467             | 89SM-6211-BA     | (000000- )           | Bearing, Connecting Rod, 0.001 US                  | As Req. |
| 20  | 36469             | 89SM-6211-CA     | (000000- )           | Bearing, Connecting Rod, 0.010 US                  | As Req. |
| 20  | 36483             | 89SM-6211-DA     | (000000- )           | Bearing, Connecting Rod, 0.020 US                  | As Req. |
| 20  | 36493             | 89SM-6211-EA     | (000000- )           | Bearing, Connecting Rod, 0.030 US                  | As Req. |
| 21  | 36590             | 116336-ES100     | (000000- )           | Dowel Pin, Connecting Rod                          | 8       |

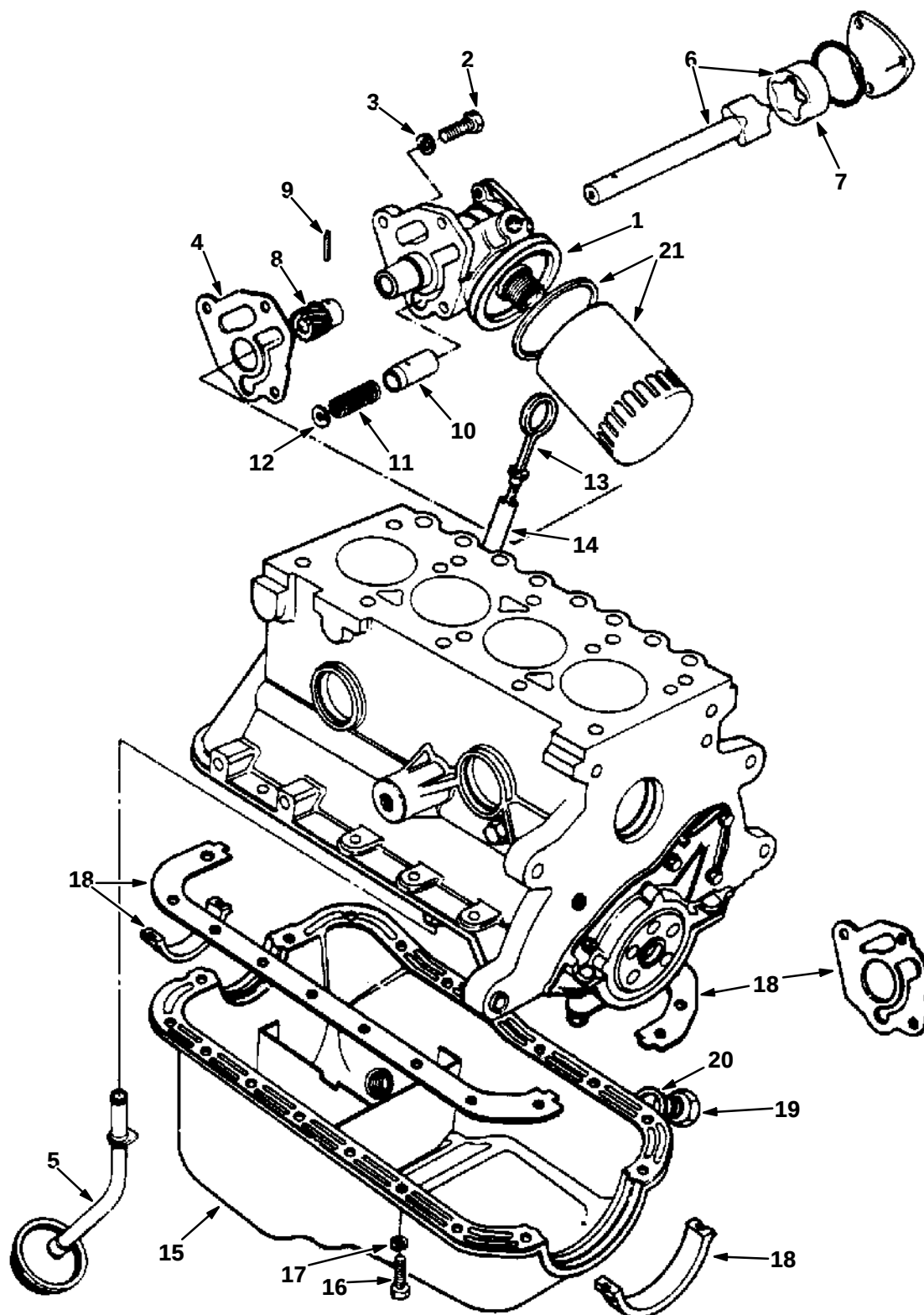


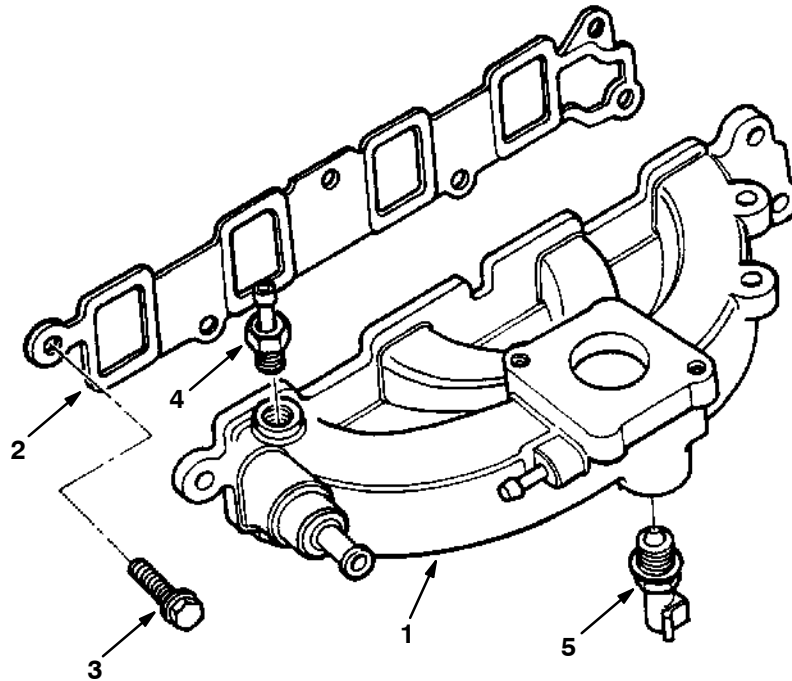
Fig. 5 – Oil Pump and Oil Pan Group

NOTE: To identify parts shown but not listed here, see SECTION 5, STANDARD MODEL PARTS.

Fig. 5 – Oil Pump and Oil Pan Group

| Key     | TENNANT<br>Part No. | Ford<br>Part Number | Engine<br>Serial Number | Description               | Qty. |
|---------|---------------------|---------------------|-------------------------|---------------------------|------|
| 1       | 07710               | D8RZ-6600-A         | (000000- )              | Pump, Oil                 | 1    |
| 2       | 36748               | E800519-S72         | (000000- )              | Bolt                      | 3    |
| 3       | 36431               | E630173-S71M        | (000000- )              | Washer, B8 Lock           | 3    |
| 4       | 36764               | 89BM-6659-AA        | (000000- )              | Gasket, Oil Pump to Block | 1    |
| 5       | 36765               | 86BM-6617-AA        | (000000- )              | Tube Assembly, Oil Pickup | 1    |
| 6       | 10075               | D1FZ-6608-B         | (000000- )              | Rotor and Shaft           | 1    |
| 37403 7 | <del>36776</del>    | 116682-ES           | (000000- )              | Seal, Cover Plate         | 1    |
| 8       | 36780               | DORY-6652-A         | (000000- )              | Gear                      | 1    |
| 9       | 36867               | 72432-S             | (000000- )              | Pin, Drive Gear           | 1    |
| 10      | 36881               | DORY-6674-A         | (000000- )              | Plunger                   | 1    |
| 11      | 36904               | DORY-6670-A         | (000000- )              | Spring                    | 1    |
| 12      | 36923               | DORY-6666-A         | (000000- )              | Plug                      | 1    |
| 13      | 36924               | 89BM-6750-AA        | (000000- )              | Indicator, Oil Level      | 1    |
| 14      | 37053               | 89BM-6784-AA        | (000000- )              | Tube, Oil Level Indicator | 1    |
| 15      | 37098               | 86BM-6675-AA        | (000000- )              | Oil Pan                   | 1    |
| 16      | 37099               | E602165-S72         | (000000- )              | Bolt, M6 x 14, Oil Pan    | 18   |
| 17      | 36373               | 34805-S8            | (000000- )              | Washer, 1/4 Lock          | 18   |
| 18      | 10806               | A850X-6013-AA       | (000000- )              | Kit, Oil Pan Gasket       | 1    |
| 19      | 37127               | EOFZ-6730-B         | (000000- )              | Plug, Oil Drain           | 1    |
| 20      | 37157               | EOFZ-6734-A         | (000000- )              | Gasket, Oil Drain Plug    | 1    |
| 21      | 19205               |                     | (000000- )              | Filter, Engine Oil        | 1    |





**Fig. 6 – Intake Manifold Group**

05506

| Key | TENNANT®<br>Part No. | Ford<br>Part Number | Engine<br>Serial Number | Description               | Qty. |
|-----|----------------------|---------------------|-------------------------|---------------------------|------|
| 1   | 37194                | 89BF-9424-AD        | (000000- )              | Manifold, Intake          | 1    |
| 2   | 37195                | 89BM-9441-AB        | (000000- )              | Gasket, Intake Manifold   | 1    |
| 3   | 37196                | E800157-S72         | (000000- )              | Bolt, M8 x 25             | 6    |
| 4   | 37198                | 77BF-9K442-AA       | (000000- )              | Adapter, Vacuum           | 1    |
| 5   | 37199                | E4AF-12A648-AA      | (000000- )              | Sensor, Water Temperature | 1    |

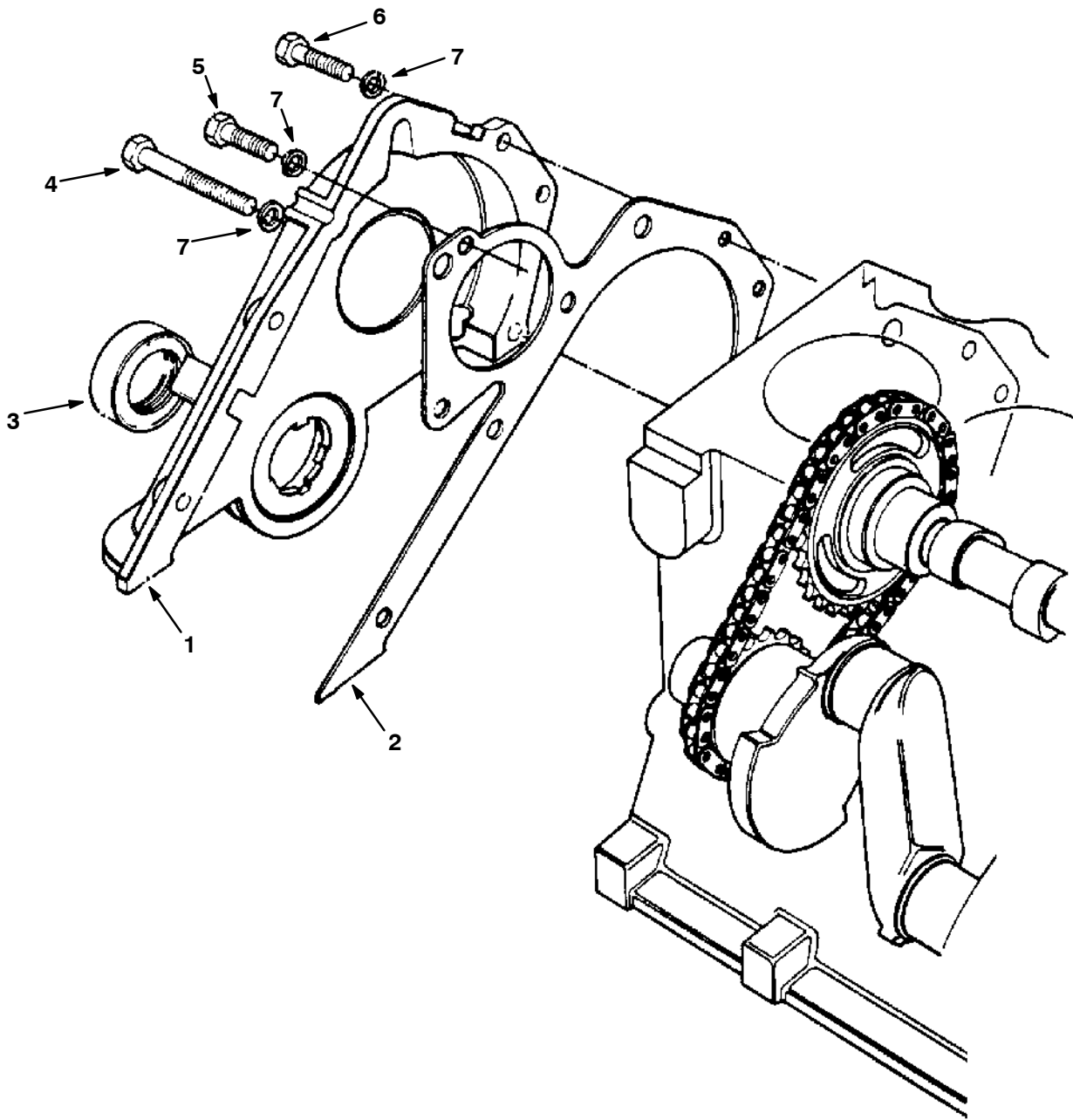


Fig. 7 – Front Cover Assembly Group

05499

| Key | TENNANT®<br>Part No. | Ford<br>Part Number | Engine<br>Serial Number | Description                                       | Qty. |
|-----|----------------------|---------------------|-------------------------|---------------------------------------------------|------|
| 1   | 36332                | 89BM-6019-AA        | (000000- )              | Cover and Seal Assembly,<br>Cylinder Front        | 1    |
| 2   | 36258                | 89BM-6020-AA        | (000000- )              | Gasket, Front Cover                               | 1    |
| 3   | 36333                | 83BM-6700-A3A       | (000000- )              | Seal, Front Cover                                 | 1    |
| 4   | 36337                | E800518-S72         | (000000- )              | Bolt, M6 x 45, Front Cover to Block               | 1    |
| 5   | 39047                | E800113-S72         | (000000- )              | Bolt, M6 x 40, Front Cover to Block               | 3    |
| 6   | 36338                | E800512-S72         | (000000- )              | Bolt, M6 x 18, Front Cover to Block               | 4    |
| 7   | 36339                | E630152-S71         | (000000- )              | Washer, Lock, B6, Front Cover<br>and W/P to Block | 8    |

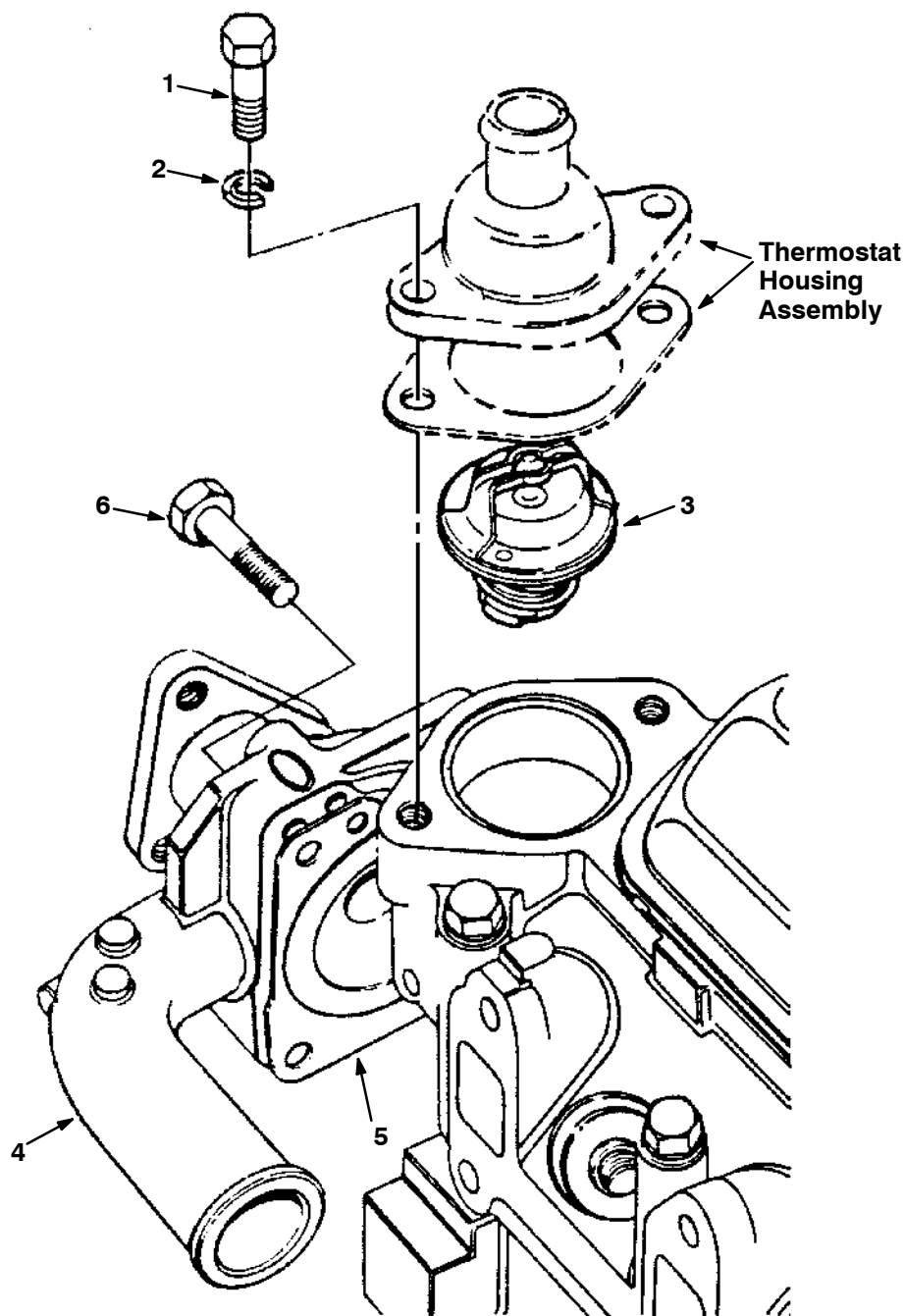


Fig. 8 – Water Pump Group

05509

| Key | TENNANT®<br>Part No. | Ford<br>Part Number | Engine<br>Serial Number | Description                                    | Qty. |
|-----|----------------------|---------------------|-------------------------|------------------------------------------------|------|
| 1   | 37181                | E602187-S82         | (000000- )              | Bolt, M8 x 20                                  | 2    |
| 2   | 36431                | E630173-S71M        | (000000- )              | Washer, B8 Lock                                | 2    |
| 3   | 37327                | RT-351              | (000000- )              | Thermostat                                     | 1    |
| 4   | 37188                | 89BM-8501-BD        | (000000- )              | Water Pump                                     | 1    |
| 5   | 37189                | 89BM-8507-AA        | (000000- )              | Gasket, Water Pump                             | 1    |
| 6   | 37193                | E600113-S72         | (000000- )              | Bolt, M6 x 40, Front Cover and<br>W/P to Block | 3    |

NOTE: To identify parts shown but not listed here, see SECTION 5, STANDARD MODEL PARTS.

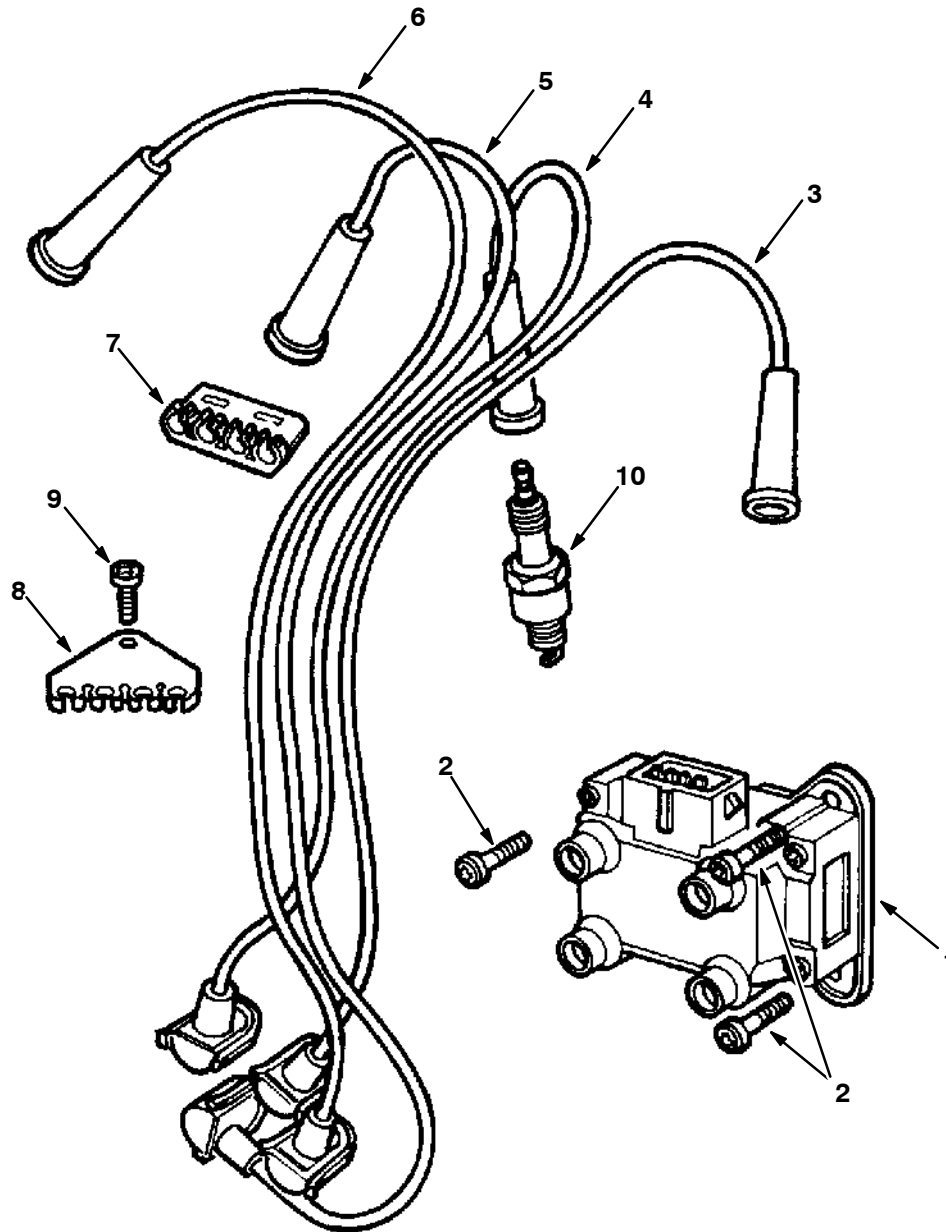


Fig. 9 – Distributorless Ignition Group

05508

| Key | TENNANT® Part No. | Ford Part Number | Engine Serial Number | Description                         | Qty. |
|-----|-------------------|------------------|----------------------|-------------------------------------|------|
| 1   | 39025             | 89BF-12024-AB    | (000000- )           | Coil and Bracket Assembly, Ignition | 1    |
| 2   | 39026             | E804335-S201     | (000000- )           | Screw, M8 x 14                      | 3    |
|     | 39035             | E8JL-12A200-AC   | (000000- )           | Wiring Harness, Ignition            | 1    |
| 3   | 39038             | 89BF-12286-AC    | (000000- )           | Wire, Spark Plug, No. 1             | 1    |
| 4   | 39040             | 89BF-12283-AC    | (000000- )           | Wire, Spark Plug, No. 2             | 1    |
| 5   | 39041             | 89BF-12284-AC    | (000000- )           | Wire, Spark Plug, No. 3             | 1    |
| 6   | 39042             | 89BF-12287-AC    | (000000- )           | Wire, Spark Plug, No. 4             | 1    |
| 7   | 39043             | E865648-S        | (000000- )           | Separator, Ignition Wire            | 1    |
| 8   | 39044             | 89BF-12297-AA    | (000000- )           | Separator, Ignition Wire            | 1    |
| 9   | 39045             | E802166-S76      | (000000- )           | Screw, M4 x 10                      | 1    |
| 10  | 39046             | 87YF-12405-AA    | (000000- )           | Spark Plug                          | 4    |

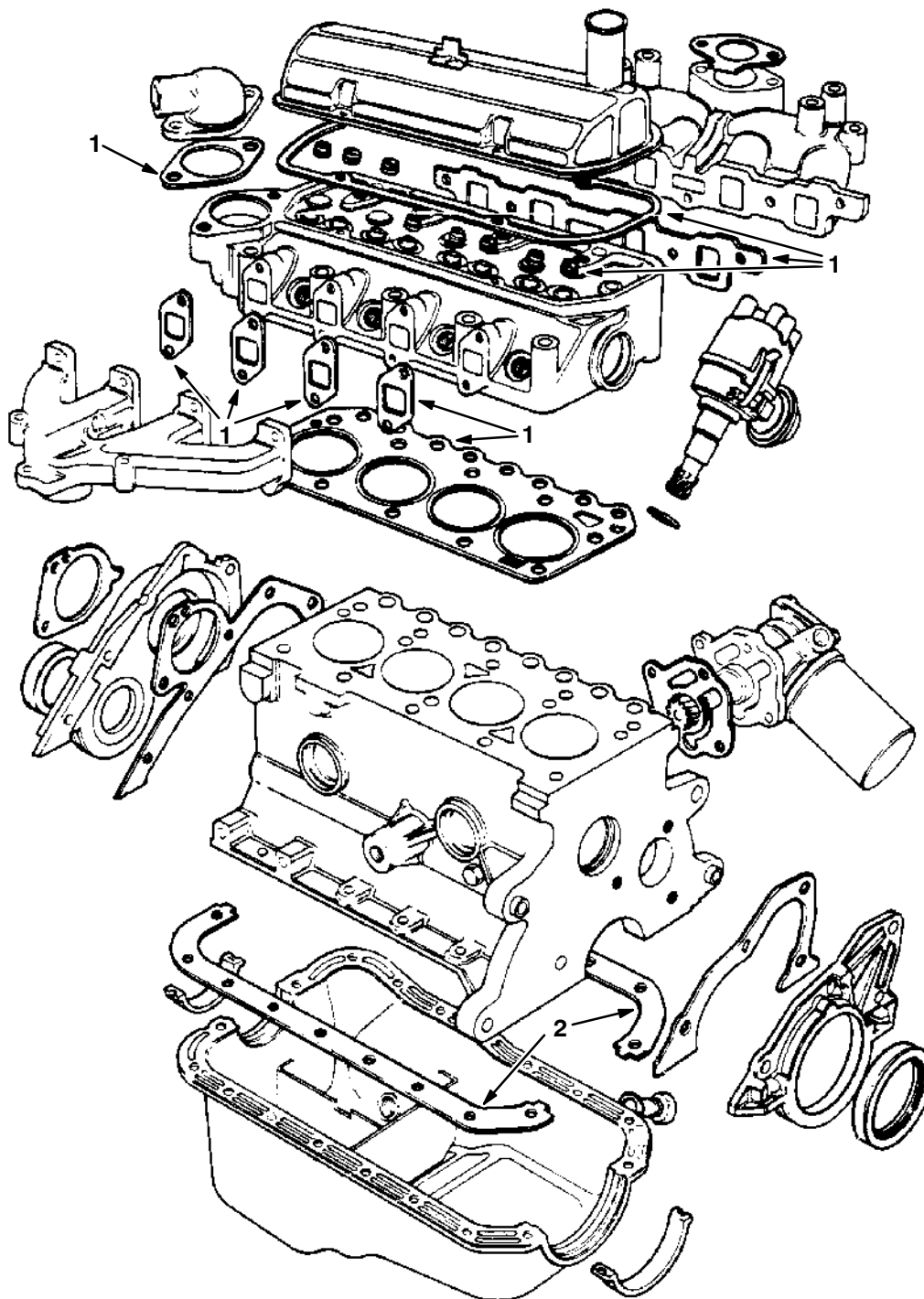


Fig. 10 – Gaskets Group

05495

| Key | TENNANT®<br>Part No. | Ford<br>Part Number | Engine<br>Serial Number | Description                 | Qty. |
|-----|----------------------|---------------------|-------------------------|-----------------------------|------|
|     | 36253                | 88BX-6008-BA        | (000000- )              | Engine Gasket Kit, Complete | 1    |
| 1   | 36254                | 88BX-6014-BA        | (000000- )              | Engine Gasket Kit, Upper    | 1    |
| 2   | 10806                | A850X-6013-AA       | (000000- )              | Engine Gasket Kit, Oil Pan  | 1    |

NOTE: To identify parts shown but not listed here, see SECTION 5, STANDARD MODEL PARTS.

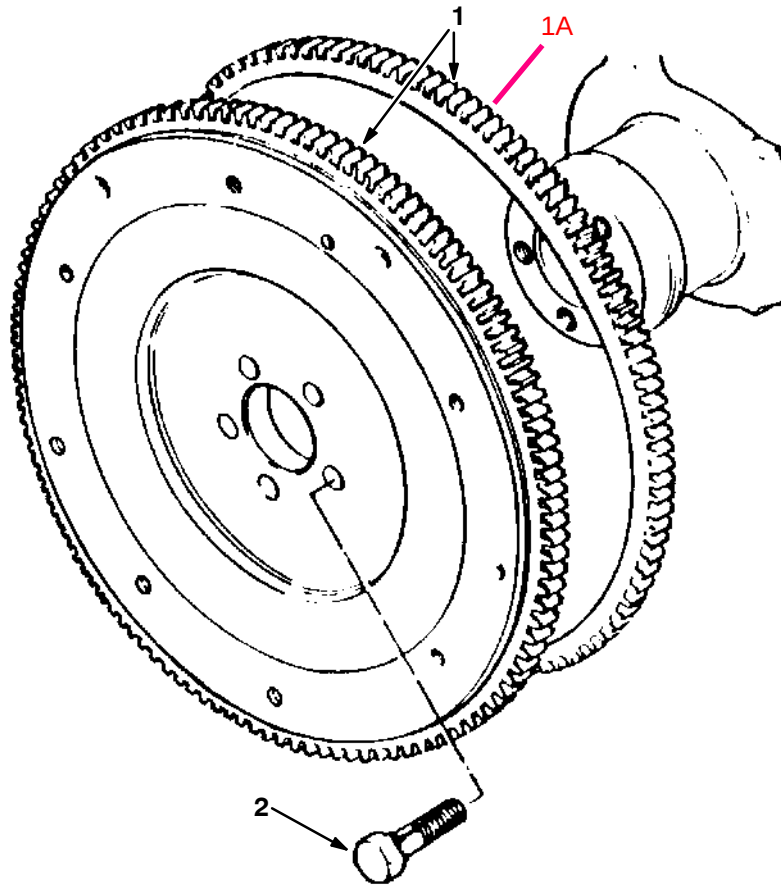


Fig. 11 – Flywheel Group

05502

| Key | TENNANT®<br>Part No. | Ford<br>Part Number | Engine<br>Serial Number | Description                                 | Qty. |
|-----|----------------------|---------------------|-------------------------|---------------------------------------------|------|
| 1   | 36591                | 89BM-6375-BA        | (000000- )              | Flywheel and Ring Gear Assembly             | 1    |
| 2   | 36630                | D2RY-6379-A         | (000000- )              | Bolt, M10 x 22.5, Flywheel to Crankshaft    | 6    |
|     | 36646                | D1FZ-6397-B         | (000000- )              | Dowel                                       | 6    |
| 1A  | 52488                | D8Rz-6384-A         |                         | Ring Gear, Flywheel (part of Flywheel assy) | 1    |



## SECTION 12

## CONTENTS

|                                            | Page  |
|--------------------------------------------|-------|
| ORDERING REPAIR PARTS .....                | 12-3  |
| Fig. 1 – Crankcase Group .....             | 12-4  |
| Fig. 2 – Oil Pan Group .....               | 12-6  |
| Fig. 3 – Cylinder Head Group .....         | 12-7  |
| Fig. 4 – Gear Case Group .....             | 12-8  |
| Fig. 5 – Main Bearing Case Group .....     | 12-10 |
| Fig. 6 – Inlet Manifold Group .....        | 12-11 |
| Fig. 7 – Valve, Rocker Arm Group .....     | 12-12 |
| Fig. 8 – Head Cover Group .....            | 12-14 |
| Fig. 9 – Piston and Crankshaft Group ..... | 12-16 |
| Fig. 10 – Camshaft Group .....             | 12-18 |
| Fig. 11 – Flywheel Group .....             | 12-19 |
| Fig. 12 – Nozzle Group .....               | 12-20 |
| Fig. 13 – Fuel Camshaft Group .....        | 12-22 |
| Fig. 14 – Governor Group .....             | 12-24 |
| Fig. 15 – Speed Control Plate Group .....  | 12-25 |
| Fig. 16 – Stop Lever Group .....           | 12-26 |
| Fig. 17 – Thermostat Group .....           | 12-27 |
| Fig. 18 – Water Pump Group .....           | 12-28 |
| Fig. 19 – Starter Breakdown .....          | 12-29 |

*NOTE: SECTION 12, ENGINE PARTS, DIESEL, lists repair parts for diesel powered engines, TENNANT part number 30366.*





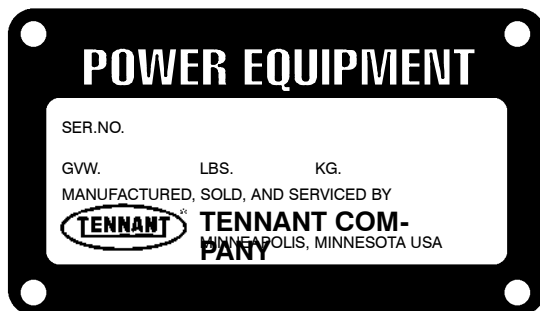
**ORDERING REPAIR PARTS**

The components used in this machine have been carefully selected for performance and safety. Use only Tennant Company specified or equivalent parts.

To receive prompt service in filling of your parts orders, please direct all orders for parts with Tennant Company part numbers to the Tennant Company, and all orders for parts with vendor part numbers to the local supplier of the respective vendor.

When ordering parts, please furnish all of the following information:

1. Machine model number - shown on the machine data plate.



2. Machine serial number - shown on the machine data plate.
3. Power source - gasoline, LPG, diesel, electric.
4. Company name.
5. Shipping address.
6. Billing address.
7. Name, first and last - of person ordering parts.
8. Telephone number.
9. Purchase order number.
10. Part number, description, and quantity - of each item on the order.

Do not order parts by key number or the figure number of the illustrated parts. Indented items indicate parts of assemblies. Standard hardware is furnished only when part of a purchased assembly. Please get hardware from a local hardware supplier.

If the old part cannot be identified, send it to us with the quantity needed specified on the order.

Any claim for loss or damage to a shipment in transit should be filed promptly against the transportation company making the delivery. Shipments will be complete unless the packing list or order acknowledgement indicate items back ordered.

If parts received are suspected to be incorrect or defective, please write, wire, or phone the Tennant Company representative from whom you ordered the part. They will give authorization for return and/or handle replacement shipments when required.

**SERIAL NUMBER INFORMATION EXPLANATION**

Serial number listings are shown to indicate on which machines each part can be used. These listings are explained by the following examples:

(000000— ) The part can be used on all machines.

(003342— ) The part can be used on all machines beginning with the serial number listed.

(000000—004320) The part can be used on all machines up to and including serial number listed.

(004321—005678) The part can be used on all machines between and including the serial numbers listed.

Where xxxxxx's are listed in place of a serial number, it indicates a change was made but the exact serial number had not been established when the catalog went to press.

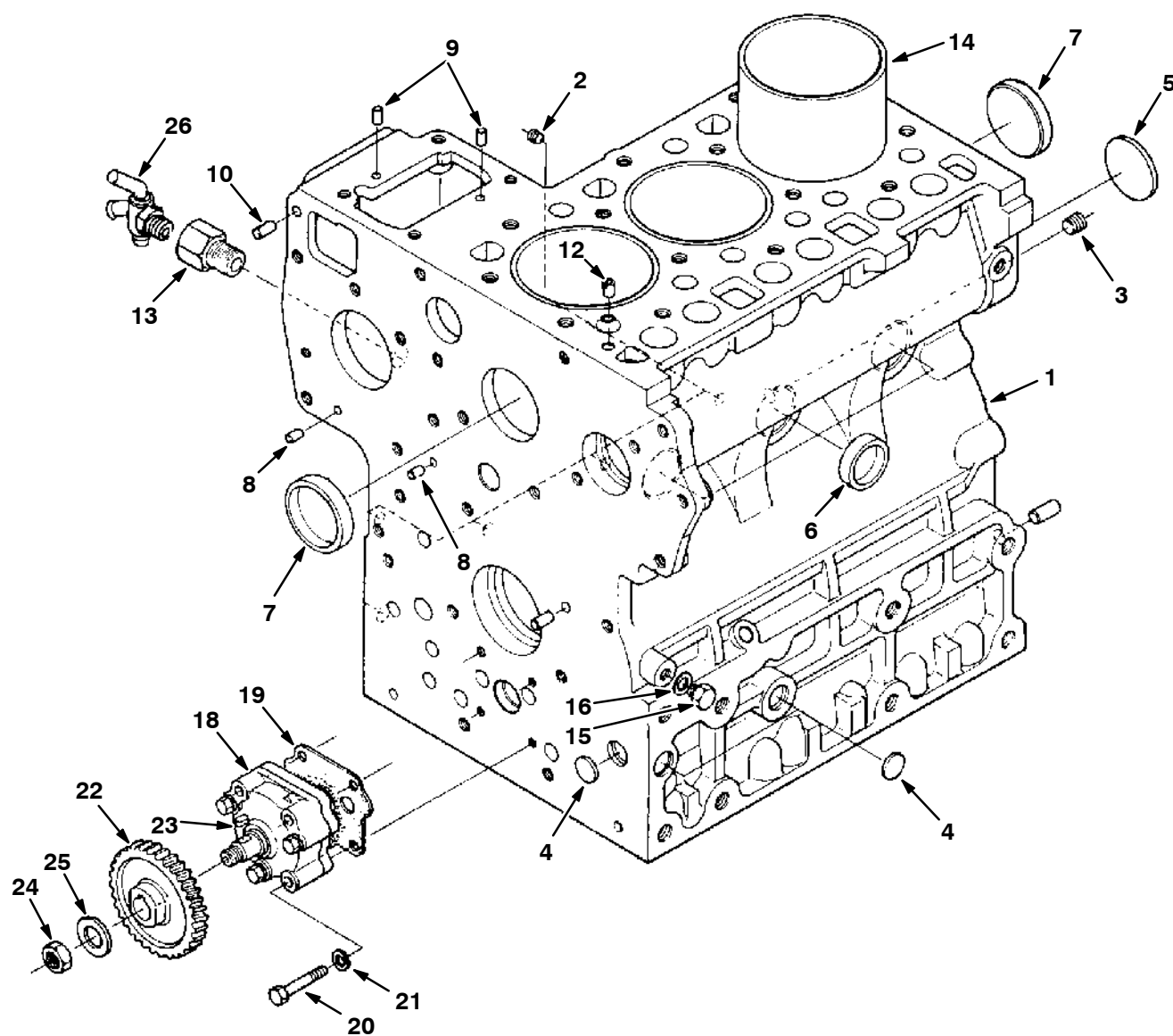
**SI UNITS OF MEASURE  
(INTERNATIONAL SYSTEM)**

Metric equivalents have been included, where applicable, throughout this parts catalog.

**FASTENER STRENGTH IDENTIFICATION**

Fasteners required to have high—strength qualities equivalent to SAE Grade 8 are identified throughout this catalog by the description GR 8. Unless identified by this description, all standard fasteners are SAE Grade 5.

(Specifications and design subject to change without notice.)



**Fig. 1 – Crankcase Group**

Fig. 1 – Crankcase Group

| Key | TENNANT®<br>Part No. | Kubota<br>Part Number | Engine<br>Serial Number | Description           | Qty. |
|-----|----------------------|-----------------------|-------------------------|-----------------------|------|
| 1   |                      | 19271-0101-0          | (000000- )              | Crankcase Assembly    | 1    |
| 2   |                      | 15521-9602-0          | (000000- )              | Plug, Pin             | 5    |
| 3   |                      | 15521-9603-0          | (000000- )              | Plug                  | 2    |
| 4   |                      | 06311-75015           | (000000- )              | Plug, Expansion       | 3    |
| 5   |                      | 06311-75045           | (000000- )              | Plug, Expansion       | 1    |
| 6   |                      | 15221-0338-0          | (000000- )              | Cap, Sealing          | 5    |
| 7   |                      | 15221-0339-0          | (000000- )              | Cap, Sealing          | 2    |
| 8   |                      | 05012-00408           | (000000- )              | Pin, Straight         | 2    |
| 9   |                      | 05012-00609           | (000000- )              | Pin, Straight         | 2    |
| 10  |                      | 05012-00612           | (000000- )              | Pin, Straight         | 2    |
| 11  |                      | 05012-01018           | (000000- )              | Pin, Straight         | 1    |
| 12  |                      | 15221-3365-0          | (000000- )              | Pin, Pipe             | 1    |
| 13  |                      | 15291-7316-0          | (000000- )              | Connector, Drain Cock | 1    |
| 14  |                      | 15521-0231-0          | (000000- )              | Liner, Cylinder       | 3    |
| 15  |                      | 15221-3361-0          | (000000- )              | Plug                  | 1    |
| 16  |                      | 15021-3366-0          | (000000- )              | Gasket                | 1    |
| 17  |                      | 15221-3370-0          | (000000- )              | O-Ring                | 1    |
| 18  |                      | 15321-3501-0          | (000000- )              | Pump, Oil             | 1    |
| 19  |                      | 15221-3515-0          | (000000- )              | Gasket, Oil Pump      | 1    |
| 20  |                      | 01053-50648           | (000000- )              | Bolt                  | 4    |
| 21  |                      | 04512-50060           | (000000- )              | Washer, Spring        | 4    |
| 22  |                      | 19202-3566-0          | (000000- )              | Gear, Oil Pump Drive  | 1    |
| 23  |                      | 05712-00410           | (000000- )              | Key, Feather          | 1    |
| 24  |                      | 15221-3568-0          | (000000- )              | Nut                   | 1    |
| 25  |                      | 15221-3567-0          | (000000- )              | Washer                | 1    |
| 26  |                      | 14412-7311-0          | (000000- )              | Cock, Drain           | 1    |

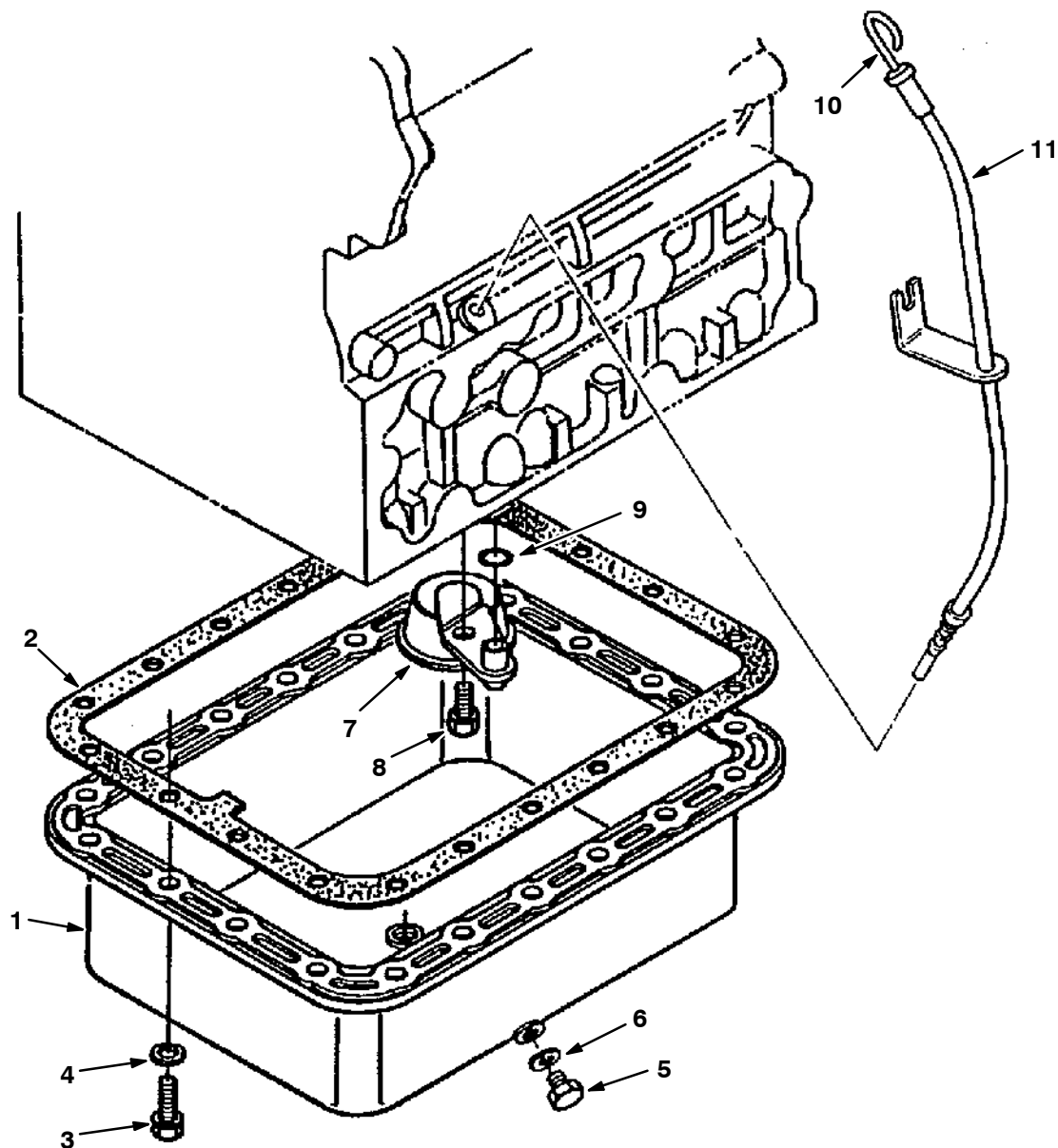


Fig. 2 – Oil Pan Group

02685

| Key | TENNANT®<br>Part No. | Kubota<br>Part Number | Engine<br>Serial Number | Description      | Qty. |
|-----|----------------------|-----------------------|-------------------------|------------------|------|
| 1   |                      | 15324-0161-3          | (000000- )              | Oil Pan          | 1    |
| 2   |                      | 15341-0162-0          | (000000- )              | Gasket, Oil Pan  | 1    |
| 3   |                      | 01133-51025           | (000000- )              | Bolt             | 20   |
| 4   |                      | 15201-9401-0          | (000000- )              | Washer, Plain    | 20   |
| 5   |                      | 15221-3375-0          | (000000- )              | Plug             | 3    |
| 6   |                      | 15109-3366-0          | (000000- )              | Gasket           | 3    |
| 7   |                      | 15401-3211-0          | (000000- )              | Filter, Oil      | 1    |
| 8   |                      | 01123-50814           | (000000- )              | Bolt             | 1    |
| 9   |                      | 04811-00140           | (000000- )              | O-Ring           | 1    |
| 10  |                      | 15418-3641-1          | (000000- )              | Gauge, Oil       | 1    |
| 11  |                      | 15418-3642-1          | (000000- )              | Guide, Oil Gauge | 1    |

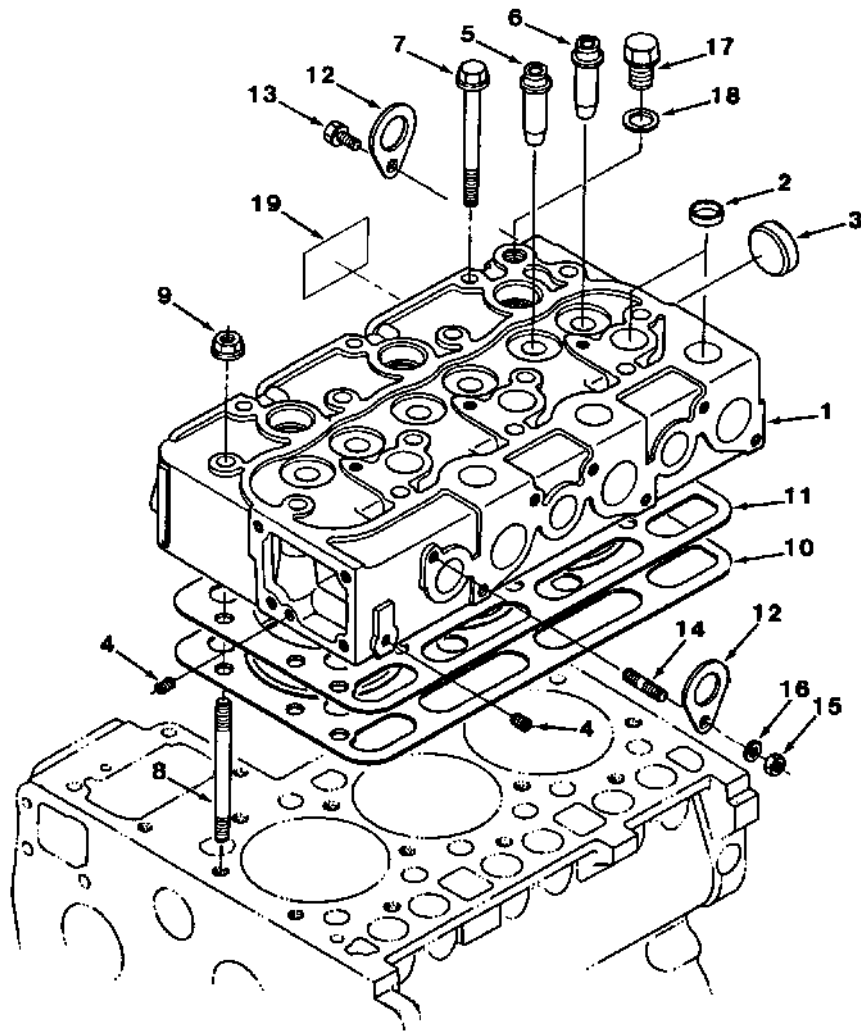


Fig. 3 – Cylinder Head Group

02686

| Key | TENNANT®<br>Part No. | Kubota<br>Part Number | Engine<br>Serial Number | Description            | Qty.    |
|-----|----------------------|-----------------------|-------------------------|------------------------|---------|
| 1   |                      | 15521-0304-0          | (000000- )              | Head Assembly Cylinder | 1       |
| 2   |                      | 15221-0337-0          | (000000- )              | Cap, Sealing           | 9       |
| 3   |                      | 15221-0349-0          | (000000- )              | Cap, Sealing           | 1       |
| 4   |                      | 15261-9601-0          | (000000- )              | Plug, Pin              | 2       |
| 5   |                      | 15221-1358-0          | (000000- )              | Guide, Valve           | 3       |
| 6   |                      | 15601-1356-0          | (000000- )              | Guide, Exhaust Valve   | 3       |
| 7   |                      | 19202-0345-0          | (000000- )              | Bolt, Head             | 12      |
| 8   |                      | 19202-0341-0          | (000000- )              | Stud, Head             | 2       |
| 9   |                      | 19202-0351-0          | (000000- )              | Nut, Head              | 2       |
| 10  |                      | 15521-0331-0          | (000000- )              | Gasket, Head           | 1       |
| 11  | 12793                | 15521-0332-0          | (000000- )              | Shim, Head Gasket      | As Req. |
| 12  |                      | 15221-0175-0          | (000000- )              | Hook, Engine           | 2       |
| 13  |                      | 01123-50816           | (000000- )              | Bolt                   | 1       |
| 14  |                      | 15521-9149-0          | (000000- )              | Stud                   | 1       |
| 15  |                      | 02156-50080           | (000000- )              | Nut                    | 1       |
| 16  |                      | 04512-50080           | (000000- )              | Washer, Spring         | 1       |
| 17  |                      | 15000-3608-0          | (000000- )              | Plug, Head             | 1       |
| 18  |                      | 04717-01600           | (000000- )              | Washer, Seal           | 1       |
| 19  |                      | 15222-8821-0          | (000000- )              | Label, Caution         | 1       |

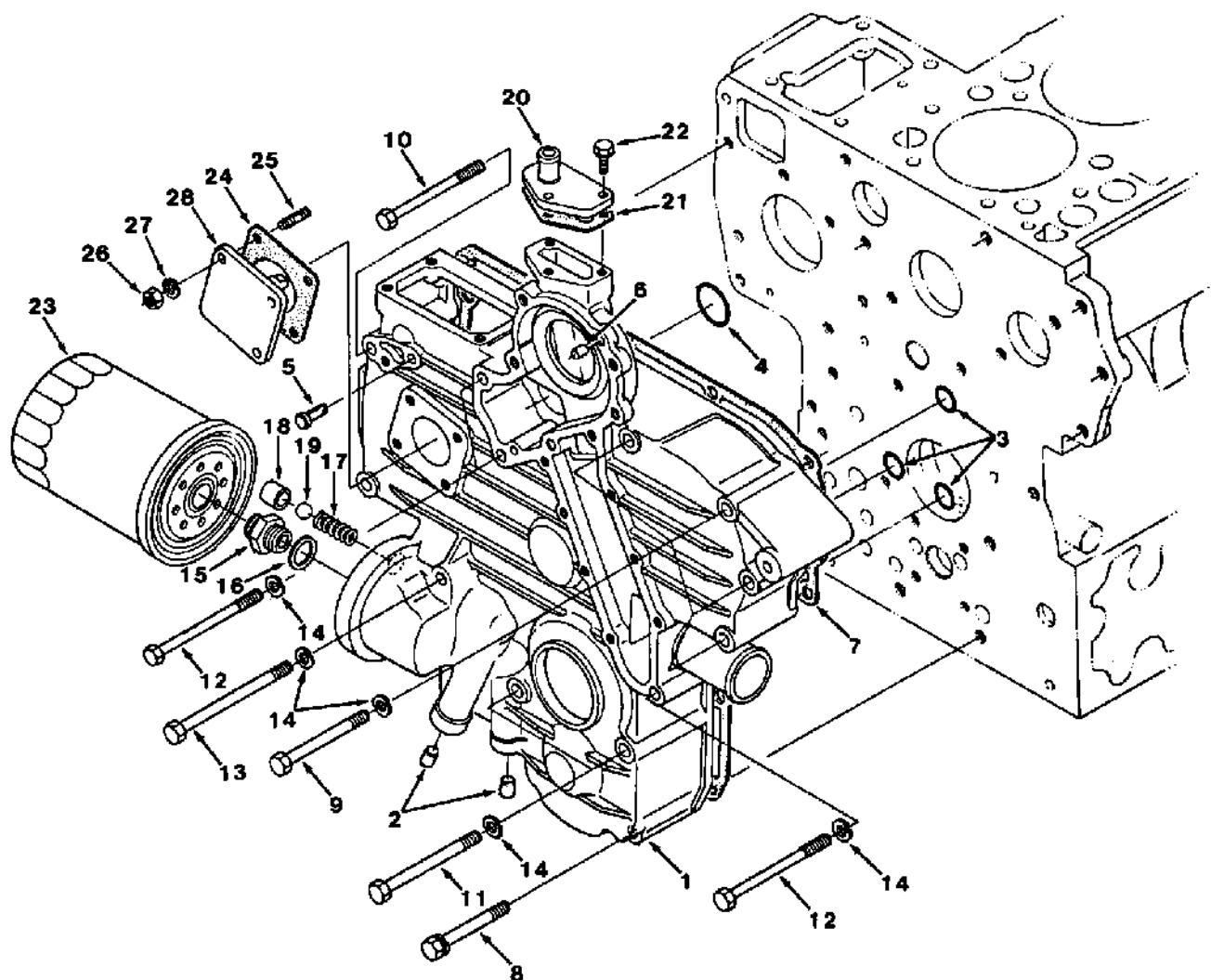


Fig. 4 – Gear Case Group

Fig. 4 – Gear Case Group

| Key | TENNANT®<br>Part No. | Kubota<br>Part Number | Engine<br>Serial Number | Description                 | Qty. |
|-----|----------------------|-----------------------|-------------------------|-----------------------------|------|
| 1   |                      | 15521-0402-0          | (000000- )              | Case Assembly, Gear         | 1    |
| 2   |                      | 15521-3363-0          | (000000- )              | Plug, Pin                   | 2    |
| 3   |                      | 04811-00150           | (000000- )              | O-Ring                      | 3    |
| 4   |                      | 04811-00360           | (000000- )              | O-Ring                      | 1    |
| 5   |                      | 15221-5628-0          | (000000- )              | Pin, Start Spring           | 1    |
| 6   |                      | 05012-00612           | (000000- )              | Pin, Straight               | 2    |
| 7   |                      | 15521-0413-0          | (000000- )              | Gasket, Gear Case           | 1    |
| 8   |                      | 01123-50860           | (000000- )              | Bolt                        | 2    |
| 9   |                      | 01153-50870           | (000000- )              | Bolt                        | 5    |
| 10  |                      | 15521-9101-0          | (000000- )              | Bolt                        | 1    |
| 11  |                      | 01153-50880           | (000000- )              | Bolt                        | 2    |
| 12  |                      | 15521-9102-0          | (000000- )              | Bolt                        | 3    |
| 13  |                      | 01153-50895           | (000000- )              | Bolt                        | 2    |
| 14  |                      | 04512-50080           | (000000- )              | Washer, Spring              | 13   |
| 15  |                      | 15521-3229-0          | (000000- )              | Joint, Pipe                 | 1    |
| 16  |                      | 04011-50180           | (000000- )              | Washer, Plain               | 1    |
| 17  |                      | 15241-3695-0          | (000000- )              | Spring                      | 1    |
| 18  |                      | 15521-3693-0          | (000000- )              | Seat, Valve                 | 1    |
| 19  |                      | 07715-03213           | (000000- )              | Ball                        | 1    |
| 20  |                      | 15521-7332-0          | (000000- )              | Flange, Water Return        | 1    |
| 21  |                      | 15521-7333-0          | (000000- )              | Gasket, Water Return Flange | 1    |
| 22  |                      | 01023-50620           | (000000- )              | Bolt                        | 3    |
| 23  | 82693                | 15521-3243-0          | (000000- )              | Cartridge, Oil Filter       | 1    |
| 24  |                      | 15221-8813-0          | (000000- )              | Gasket, Hour Meter          | 1    |
| 25  |                      | 15221-8821-0          | (000000- )              | Stud                        | 4    |
| 26  |                      | 02056-50060           | (000000- )              | Nut                         | 4    |
| 27  |                      | 04512-50060           | (000000- )              | Washer, Spring              | 4    |
| 28  |                      | 15223-8334-0          | (000000- )              | Cover                       | 1    |



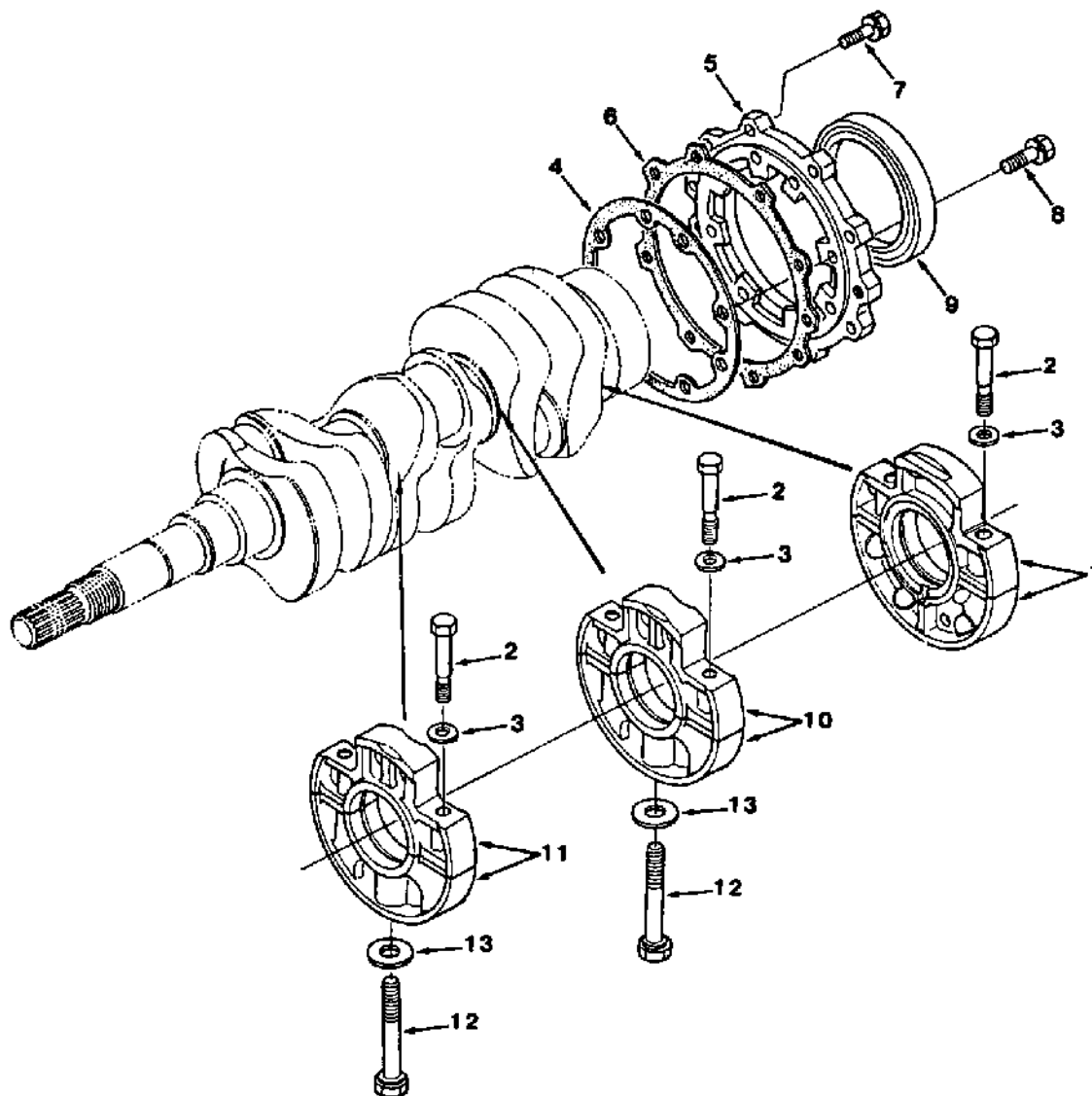
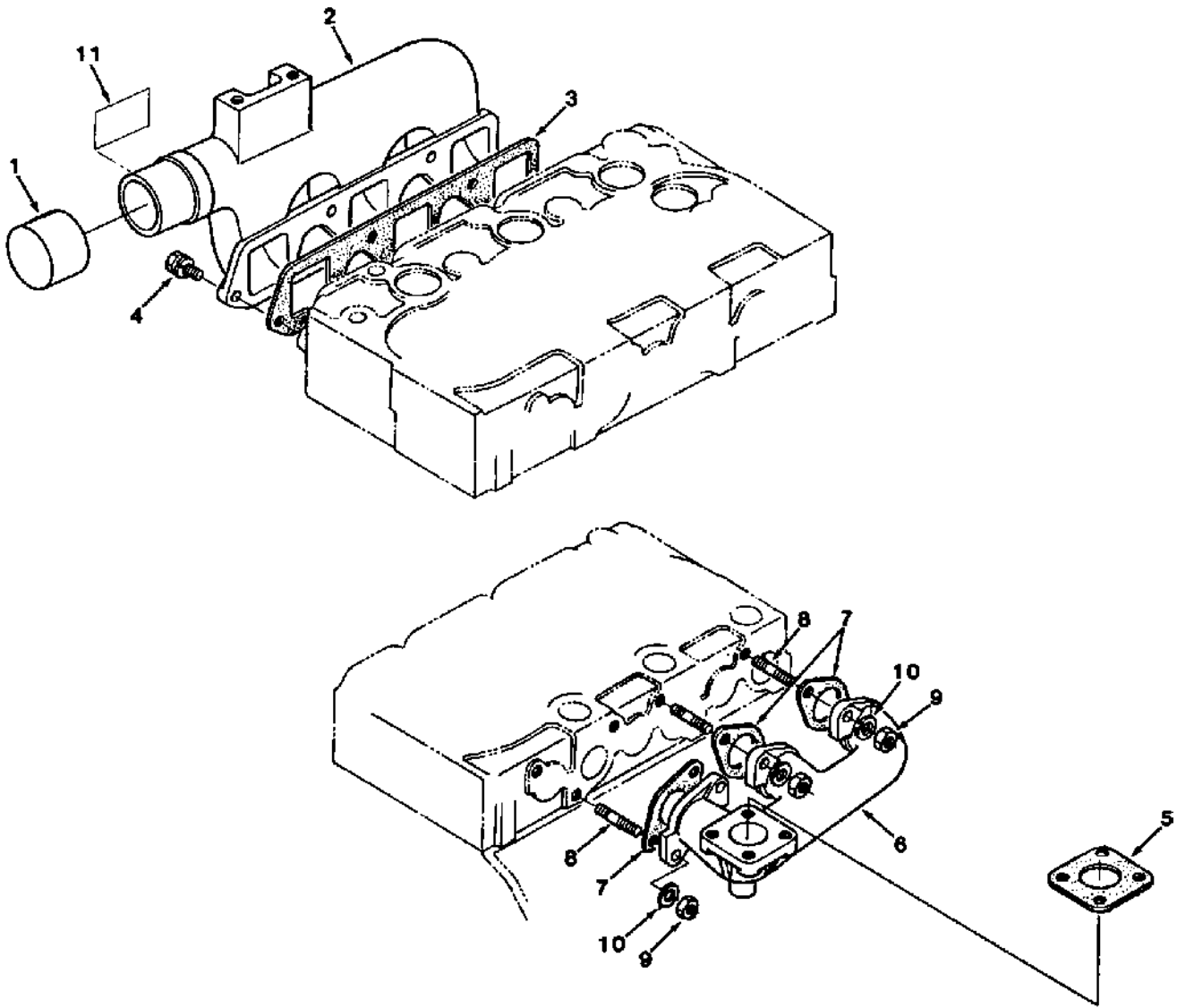


Fig. 5 – Main Bearing Case Group

02688

| Key | TENNANT<br>Part No. | Kubota<br>Part Number | Engine<br>Serial Number | Description                 | Qty. |
|-----|---------------------|-----------------------|-------------------------|-----------------------------|------|
| 1   |                     | 19202-0404-0          | (000000- )              | Case Assembly, Main Bearing | 1    |
| 2   |                     | 15521-0454-0          | (000000- )              | Bolt, Bearing Case          | 6    |
| 3   |                     | 15521-9401-0          | (000000- )              | Washer, Plain               | 6    |
| 4   |                     | 15221-0436-0          | (000000- )              | Gasket                      | 1    |
| 5   |                     | 19202-0481-0          | (000000- )              | Cover, Bearing Case         | 1    |
| 6   |                     | 15221-0482-0          | (000000- )              | Gasket                      | 1    |
| 7   |                     | 01123-50825           | (000000- )              | Bolt                        | 8    |
| 8   |                     | 01123-50828           | (000000- )              | Bolt                        | 8    |
| 9   |                     | 19202-0446-0          | (000000- )              | Seal, Oil                   | 1    |
| 10  |                     | 15521-0405-0          | (000000- )              | Case Assembly, Main Bearing | 1    |
| 11  |                     | 15521-0406-0          | (000000- )              | Case Assembly, Main Bearing | 1    |
| 12  |                     | 15291-0456-0          | (000000- )              | Bolt                        | 2    |
| 13  |                     | 15521-9402-0          | (000000- )              | Washer, Plain               | 2    |



02689

Fig. 6 – Inlet Manifold Group

| Key | TENNANT®<br>Part No. | Kubota<br>Part Number | Engine<br>Serial Number | Description              | Qty. |
|-----|----------------------|-----------------------|-------------------------|--------------------------|------|
| 1   |                      | 15000-3624-0          | (000000- )              | Cap                      | 1    |
| 2   |                      | 15501-1176-0          | (000000- )              | Manifold, Inlet          | 1    |
| 3   |                      | 15521-1182-0          | (000000- )              | Gasket, Inlet Manifold   | 1    |
| 4   |                      | 01123-50822           | (000000- )              | Bolt                     | 5    |
| 5   |                      | 15371-1237-0          | (000000- )              | Gasket, Muffler          | 1    |
| 6   |                      | 15521-1231-0          | (000000- )              | Manifold, Exhaust        | 1    |
| 7   |                      | 15521-1235-0          | (000000- )              | Gasket, Exhaust Manifold | 3    |
| 8   |                      | 15221-9153-0          | (000000- )              | Stud                     | 6    |
| 9   |                      | 02156-50080           | (000000- )              | Nut                      | 6    |
| 10  |                      | 04512-50080           | (000000- )              | Washer, Spring           | 6    |
| 11  |                      | 32210-3479-0          | (000000- )              | Label, Decompression     | 1    |

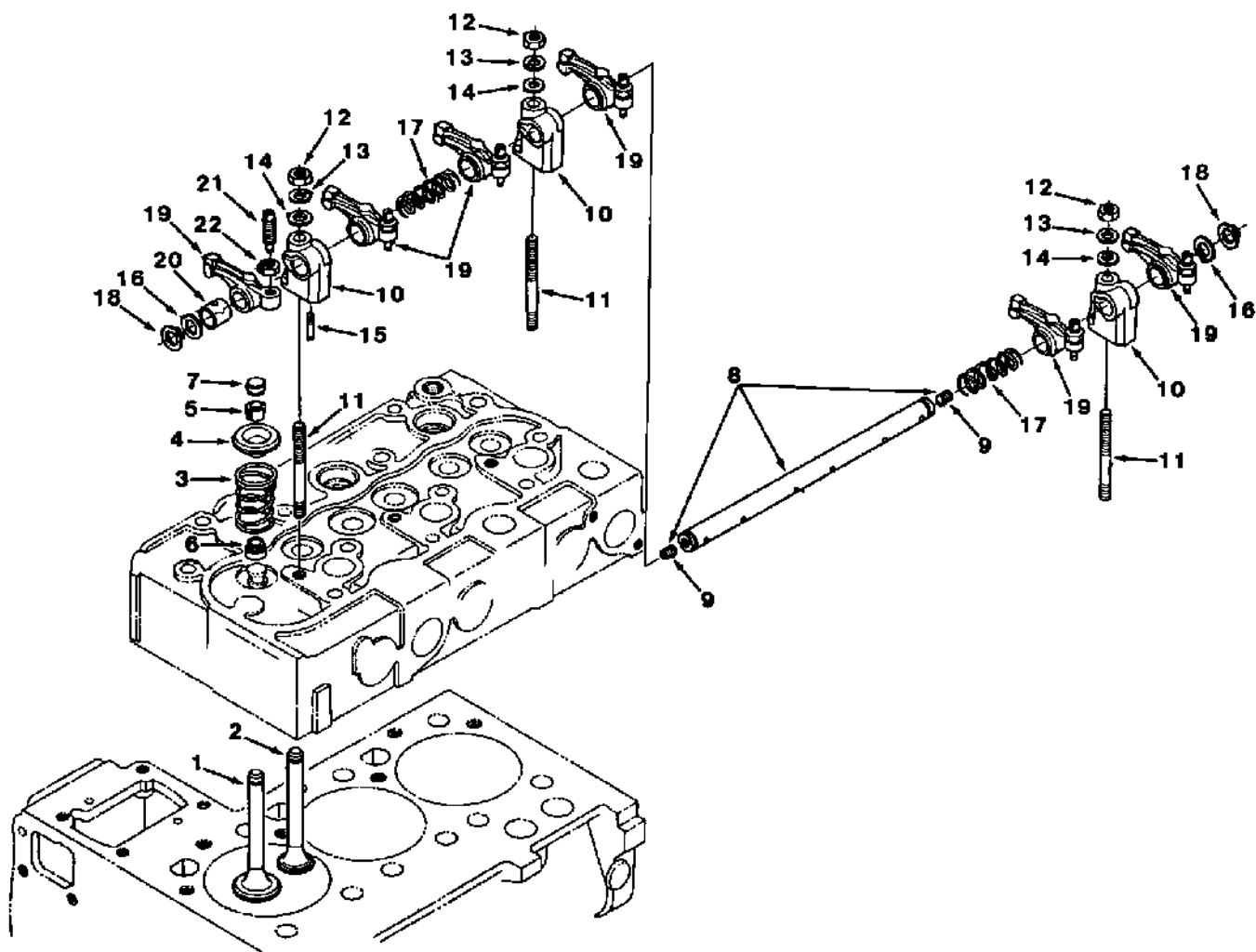


Fig. 7 – Valve, Rocker Arm Group

Fig. 7 – Valve, Rocker Arm Group

| Key | TENNANT<br>Part No. | Kubota<br>Part Number | Engine<br>Serial Number | Description                | Qty. |
|-----|---------------------|-----------------------|-------------------------|----------------------------|------|
| 1   |                     | 15221-1311-0          | (000000- )              | Valve, Inlet               | 3    |
| 2   |                     | 15221-1312-0          | (000000- )              | Valve, Exhaust             | 3    |
| 3   |                     | 15221-1324-0          | (000000- )              | Spring, Valve              | 6    |
| 4   |                     | 15221-1333-0          | (000000- )              | Retainer, Valve Spring     | 6    |
| 5   |                     | 15221-1336-0          | (000000- )              | Collet, Valve Spring       | 12   |
| 6   |                     | 15221-1315-0          | (000000- )              | Seal, Valve Stem           | 6    |
| 7   |                     | 15221-1328-0          | (000000- )              | Cap, Valve                 | 6    |
| 8   |                     | 15321-1405-0          | (000000- )              | Shaft Assembly, Rocker Arm | 1    |
| 9   |                     | 03410-00808           | (000000- )              | Screw, Set                 | 2    |
| 10  |                     | 15221-1435-0          | (000000- )              | Bracket, Rocker Arm        | 3    |
| 11  |                     | 15521-9150-0          | (000000- )              | Stud                       | 3    |
| 12  |                     | 02156-50080           | (000000- )              | Nut                        | 3    |
| 13  |                     | 04512-50080           | (000000- )              | Washer, Spring             | 3    |
| 14  |                     | 04012-50080           | (000000- )              | Washer, Plain              | 3    |
| 15  |                     | 15221-1442-0          | (000000- )              | Screw, Set                 | 1    |
| 16  |                     | 15221-1443-0          | (000000- )              | Washer                     | 2    |
| 17  |                     | 15221-1431-0          | (000000- )              | Spring, Rocker Arm         | 2    |
| 18  |                     | 04612-00140           | (000000- )              | Cir-Clip, External         | 2    |
| 19  | 39153               | 15601-1403-0          | (000000- )              | Arm Assembly, Rocker       | 6    |
| 20  |                     | 15221-1418-0          | (000000- )              | Bushing, Rocker Arm        | 6    |
| 21  |                     | 15521-1423-0          | (000000- )              | Screw, Adjusting           | 6    |
| 22  |                     | 15021-1424-0          | (000000- )              | Nut                        | 6    |

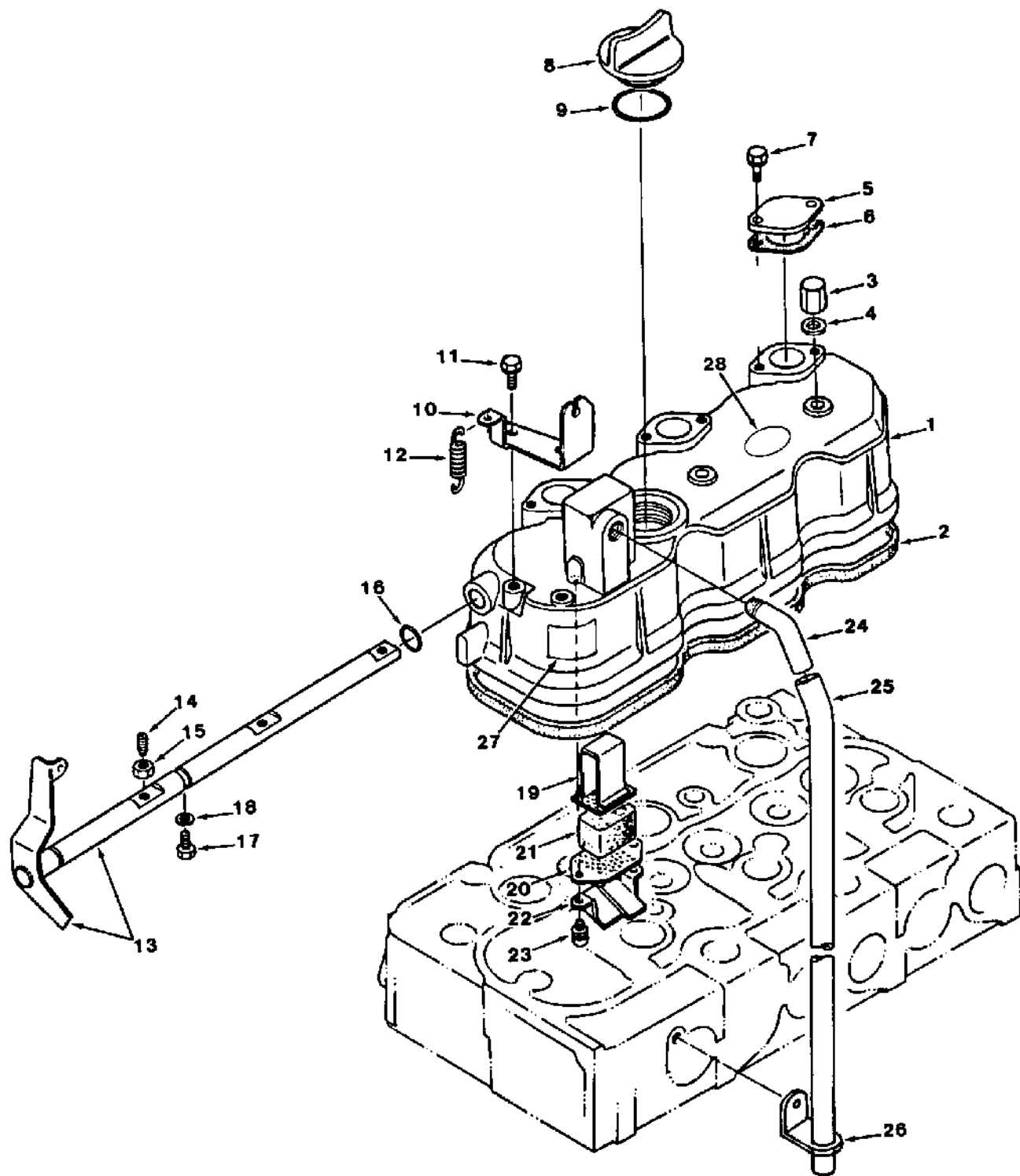


Fig. 8 – Head Cover Group

Fig. 8 – Head Cover Group

| Key | TENNANT®<br>Part No. | Kubota<br>Part Number | Engine<br>Serial Number | Description                   | Qty. |
|-----|----------------------|-----------------------|-------------------------|-------------------------------|------|
| 1   |                      | 15521-1451-0          | (000000- )              | Cover, Cylinder Head          | 1    |
| 2   |                      | 15521-1452-0          | (000000- )              | Gasket, Head Cover            | 1    |
| 3   |                      | 15451-9233-0          | (000000- )              | Nut, Cap                      | 3    |
| 4   |                      | 15021-3366-0          | (000000- )              | Gasket                        | 3    |
| 5   |                      | 15221-6663-0          | (000000- )              | Cover, Decompression Hole     | 3    |
| 6   |                      | 15221-6664-0          | (000000- )              | Gasket, Cover                 | 3    |
| 7   |                      | 01023-50614           | (000000- )              | Bolt                          | 6    |
| 8   |                      | 15221-3314-0          | (000000- )              | Plug, Oil Filler              | 1    |
| 9   |                      | 04811-50300           | (000000- )              | O-Ring                        | 1    |
| 10  |                      | 15221-6619-0          | (000000- )              | Holder, Decompression Wire    | 1    |
| 11  |                      | 01023-50614           | (000000- )              | Bolt                          | 2    |
| 12  |                      | 15221-6628-0          | (000000- )              | Spring, Decompression         | 1    |
| 13  |                      | 15521-6604-0          | (000000- )              | Shaft Assembly, Decompression | 1    |
| 14  |                      | 15221-6635-0          | (000000- )              | Bolt, Decompression           | 3    |
| 15  |                      | 15221-6636-0          | (000000- )              | Nut, Decompression            | 3    |
| 16  |                      | 04811-06100           | (000000- )              | O-Ring                        | 1    |
| 17  |                      | 15221-6641-0          | (000000- )              | Bolt                          | 1    |
| 18  |                      | 04512-50060           | (000000- )              | Washer, Spring                | 1    |
| 19  |                      | 15521-0514-0          | (000000- )              | Plate, Breather Element       | 1    |
| 20  |                      | 15521-0515-0          | (000000- )              | Plate, Breather Element       | 1    |
| 21  |                      | 15521-0567-0          | (000000- )              | Element, Breather             | 1    |
| 22  |                      | 15521-0537-0          | (000000- )              | Oil Shield, Breather          | 1    |
| 23  |                      | 15521-9331-0          | (000000- )              | Screw                         | 2    |
| 24  |                      | 15521-0555-0          | (000000- )              | Joint, Breather Pipe          | 1    |
| 25  |                      | 15521-0551-0          | (000000- )              | Pipe, Breather                | 1    |
| 26  |                      | 15401-0558-0          | (000000- )              | Clamp, Pipe                   | 1    |
| 27  |                      | 19271-8711-0          | (000000- )              | Plate, Name                   | 1    |
| 28  |                      | 19231-8731-0          | (000000- )              | Label, Oil                    | 1    |

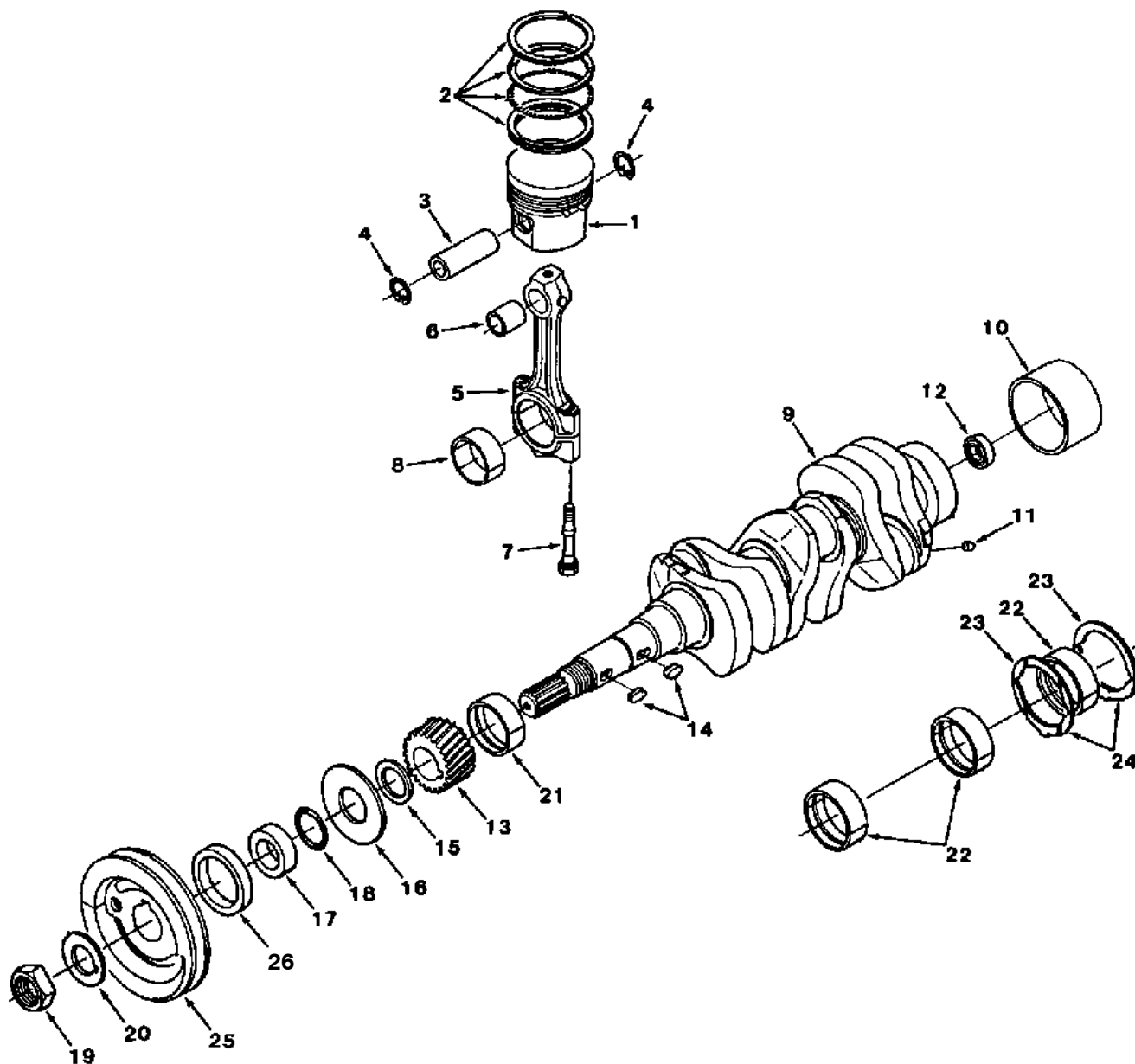
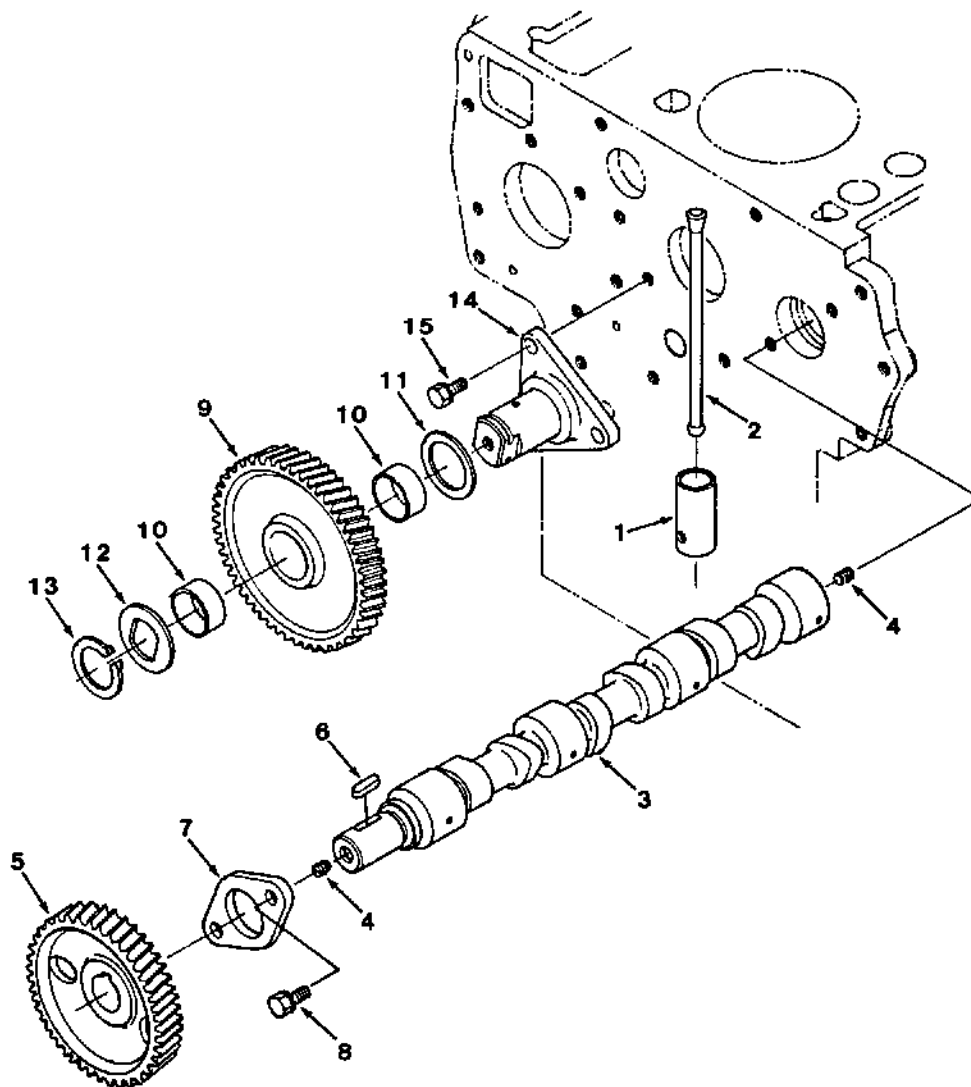


Fig. 9 – Piston and Crankshaft Group

Fig. 9 – Piston and Crankshaft Group

| Key | TENNANT<br>Part No. | Kubota<br>Part Number | Engine<br>Serial Number | Description              | Qty. |
|-----|---------------------|-----------------------|-------------------------|--------------------------|------|
| 1   |                     | 19274-2111-0          | (000000- )              | Piston                   | 3    |
| 2   |                     | 15521-2105-0          | (000000- )              | Ring Assembly, Piston    | 3    |
| 3   |                     | 15521-2131-0          | (000000- )              | Pin, Piston              | 3    |
| 4   |                     | 15221-2133-0          | (000000- )              | Cir-Clip, Piston Pin     | 6    |
| 5   |                     | 15471-2201-0          | (000000- )              | Rod Assembly, Connecting | 3    |
| 6   | 30088               | 15221-2198-0          | (000000- )              | Bushing, Piston Pin      | 3    |
| 7   |                     | 15521-2214-0          | (000000- )              | Bolt, Connecting Rod     | 6    |
| 8   |                     | 15471-2231-0          | (000000- )              | Bearing, Crank Pin       | 6    |
| 9   |                     | 15595-2301-0          | (000000- )              | Crankshaft Assembly      | 1    |
| 10  | 12798               | 19202-2328-0          | (000000- )              | Sleeve, Crankshaft       | 1    |
| 11  |                     | 15221-3363-0          | (000000- )              | Plug, Pin                | 3    |
| 12  |                     | 08121-06002           | (000000- )              | Bearing, Ball            | 1    |
| 13  |                     | 15521-2411-0          | (000000- )              | Gear, Crankshaft         | 1    |
| 14  |                     | 05712-00720           | (000000- )              | Key, Feather             | 2    |
| 15  |                     | 15221-2413-0          | (000000- )              | Collar, Crank Gear       | 1    |
| 16  |                     | 15221-2331-0          | (000000- )              | Slinger, Oil             | 1    |
| 17  | 12797               | 19202-2325-0          | (000000- )              | Collar, Crankshaft       | 1    |
| 18  |                     | 04811-10300           | (000000- )              | O-Ring                   | 1    |
| 19  |                     | 15221-2336-0          | (000000- )              | Nut, Crankshaft          | 1    |
| 20  |                     | 15221-2338-0          | (000000- )              | Washer, Crankshaft       | 1    |
| 21  |                     | 15221-2347-0          | (000000- )              | Bearing, Crankshaft      | 1    |
| 22  |                     | 15221-2348-0          | (000000- )              | Bearing, Crankshaft      | 6    |
| 23  |                     | 15521-2353-0          | (000000- )              | Bearing, Side            | 2    |
| 24  |                     | 19202-2354-0          | (000000- )              | Bearing, Side            | 2    |
| 25  |                     | 15321-7428-0          | (000000- )              | Sheave, Crankshaft       | 1    |
| 26  | 39131               | 09550-00001           | (000000- )              | Seal, Oil                | 1    |





**Fig. 10 – Camshaft Group**

02692

| Key | TENNANT®<br>Part No. | Kubota<br>Part Number | Engine<br>Serial Number | Description         | Qty. |
|-----|----------------------|-----------------------|-------------------------|---------------------|------|
| 1   |                      | 15221-1555-0          | (000000- )              | Tappet              | 6    |
| 2   |                      | 15221-1511-0          | (000000- )              | Rod, Push           | 6    |
|     |                      | 15521-1601-0          | (000000- )              | Camshaft Assembly   | 1    |
| 3   |                      | 15521-1615-0          | (000000- )              | Camshaft            | 1    |
| 4   |                      | 15521-9361-0          | (000000- )              | Screw, Set          | 2    |
| 5   |                      | 15521-1651-0          | (000000- )              | Gear, Camshaft      | 1    |
| 6   |                      | 05712-00720           | (000000- )              | Key, Feather        | 1    |
| 7   |                      | 15221-1627-0          | (000000- )              | Stopper, Camshaft   | 1    |
| 8   |                      | 01123-50818           | (000000- )              | Bolt                | 2    |
| 9   |                      | 15221-2401-0          | (000000- )              | Gear Assembly, Idle | 1    |
| 10  |                      | 15221-2498-0          | (000000- )              | Bushing, Idle Gear  | 2    |
| 11  |                      | 15521-2436-0          | (000000- )              | Collar              | 1    |
| 12  |                      | 15521-2437-0          | (000000- )              | Collar              | 1    |
| 13  |                      | 15221-2432-0          | (000000- )              | Cir-Clip, External  | 1    |
| 14  |                      | 15221-2425-0          | (000000- )              | Shaft, Idler Gear   | 1    |
| 15  |                      | 01123-50818           | (000000- )              | Bolt                | 3    |

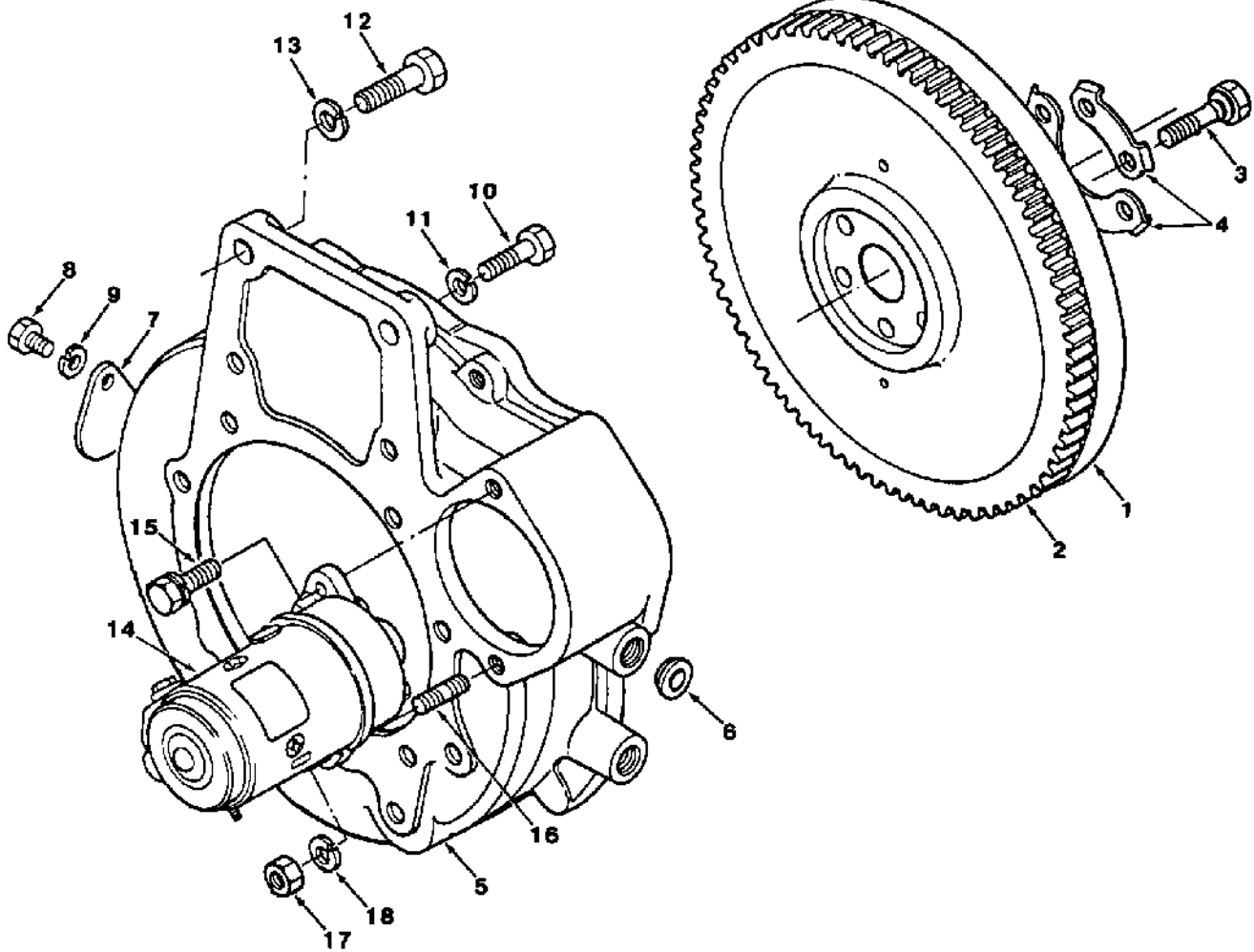


Fig. 11 – Flywheel Group

02694

| Key | TENNANT<br>Part No. | Kubota<br>Part Number | Engine<br>Serial Number | Description                | Qty. |
|-----|---------------------|-----------------------|-------------------------|----------------------------|------|
| 1   |                     | 15331-2501-0          | (000000- )              | Flywheel Assembly          | 1    |
| 2   |                     | 15221-6382-0          | (000000- )              | Gear, Ring                 | 1    |
| 3   |                     | 15321-2516-0          | (000000- )              | Bolt, Flywheel             | 6    |
| 4   |                     | 15321-2517-0          | (000000- )              | Washer, Flywheel           | 3    |
| 5   |                     | 15348-0460-0          | (000000- )              | Housing Assembly, Flywheel | 1    |
| 6   |                     | 31220-1429-0          | (000000- )              | Plug                       | 4    |
| 7   |                     | 31220-1417-0          | (000000- )              | Cover                      | 1    |
| 8   |                     | 01153-50812           | (000000- )              | Bolt                       | 1    |
| 9   |                     | 04512-50080           | (000000- )              | Washer, Spring             | 1    |
| 10  |                     | 01073-51030           | (000000- )              | Bolt                       | 11   |
| 11  |                     | 04512-50100           | (000000- )              | Washer, Spring             | 11   |
| 12  |                     | 01073-51240           | (000000- )              | Bolt                       | 2    |
| 13  |                     | 04512-50120           | (000000- )              | Washer, Spring             | 2    |
| 14  | 38957               | 15461-63011           | (000000- )              | Starter                    | 1    |
| 15  |                     | 01133-51030           | (000000- )              | Bolt                       | 1    |
| 16  |                     | 01517-51028           | (000000- )              | Stud                       | 1    |
| 17  |                     | 02176-50100           | (000000- )              | Nut                        | 1    |
| 18  |                     | 04512-50100           | (000000- )              | Washer, Spring             | 1    |

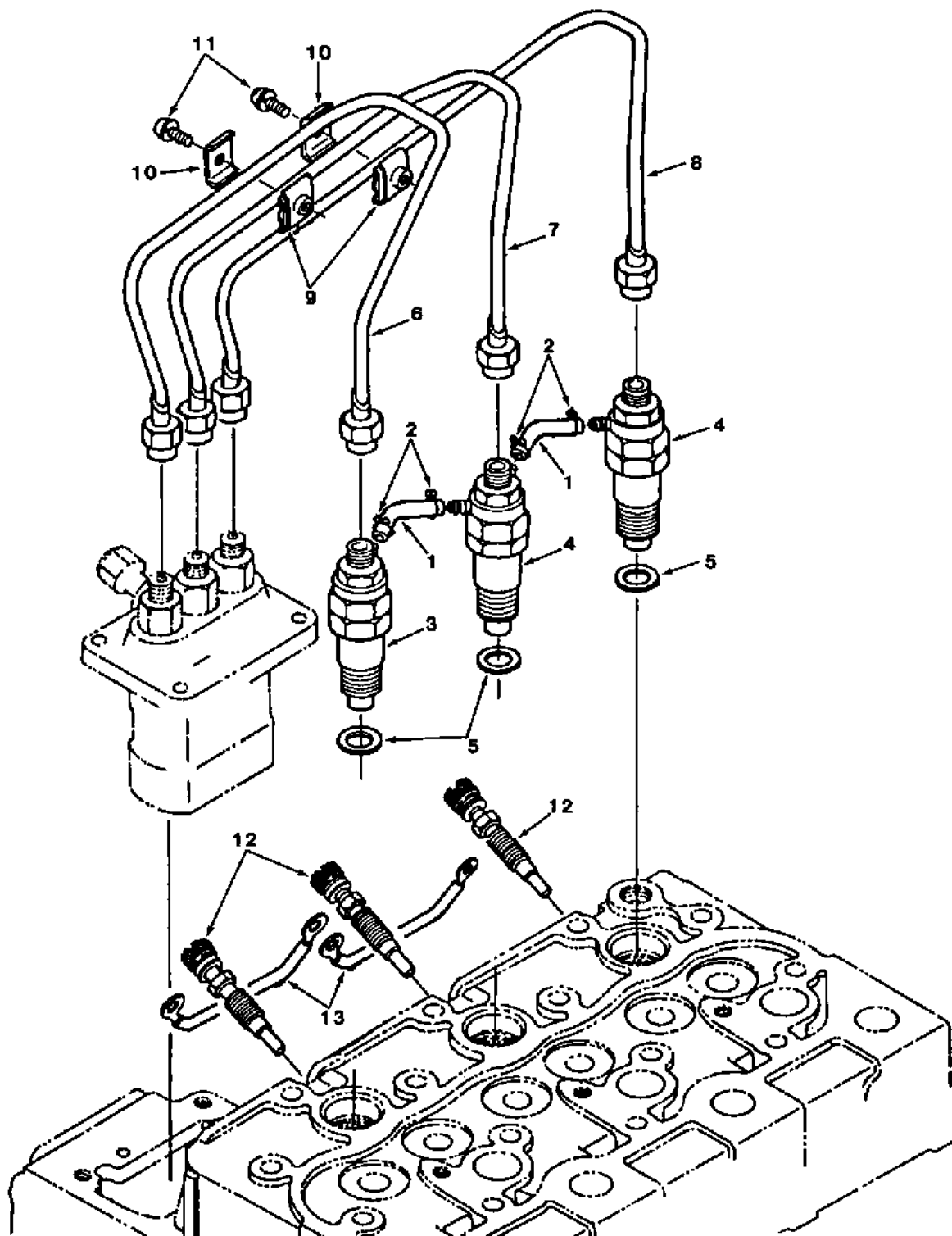


Fig. 12 – Nozzle Group

Fig. 12 -- Nozzle Group

| Key | TENNANT®<br>Part No. | Kubota<br>Part Number | Engine<br>Serial Number | Description             | Qty. |
|-----|----------------------|-----------------------|-------------------------|-------------------------|------|
| 1   |                      | 15221-4251-0          | (000000- )              | Pipe, Fuel Over Flow    | 2    |
| 2   |                      | 14971-4275-0          | (000000- )              | Clip, Pipe              | 4    |
| 3   |                      | 15271-5300-0          | (000000- )              | Holder Assembly, Nozzle | 1    |
| 4   |                      | 15271-5302-0          | (000000- )              | Holder Assembly, Nozzle | 2    |
| 5   |                      | 17011-5362-0          | (000000- )              | Gasket                  | 3    |
| 6   |                      | 15221-5371-0          | (000000- )              | Pipe, Injection         | 1    |
| 7   |                      | 15221-5372-0          | (000000- )              | Pipe, Injection         | 1    |
| 8   |                      | 15321-5373-0          | (000000- )              | Pipe, Injection         | 1    |
| 9   |                      | 15121-5385-0          | (000000- )              | Clamp, Pipe             | 2    |
| 10  |                      | 15121-5386-0          | (000000- )              | Clamp, Pipe             | 2    |
| 11  |                      | 03024-50520           | (000000- )              | Screw                   | 2    |
| 12  |                      | 15521-6551-0          | (000000- )              | Glow Plug               | 3    |
| 13  |                      | 15401-6556-0          | (000000- )              | Cord, Glow Plug         | 2    |

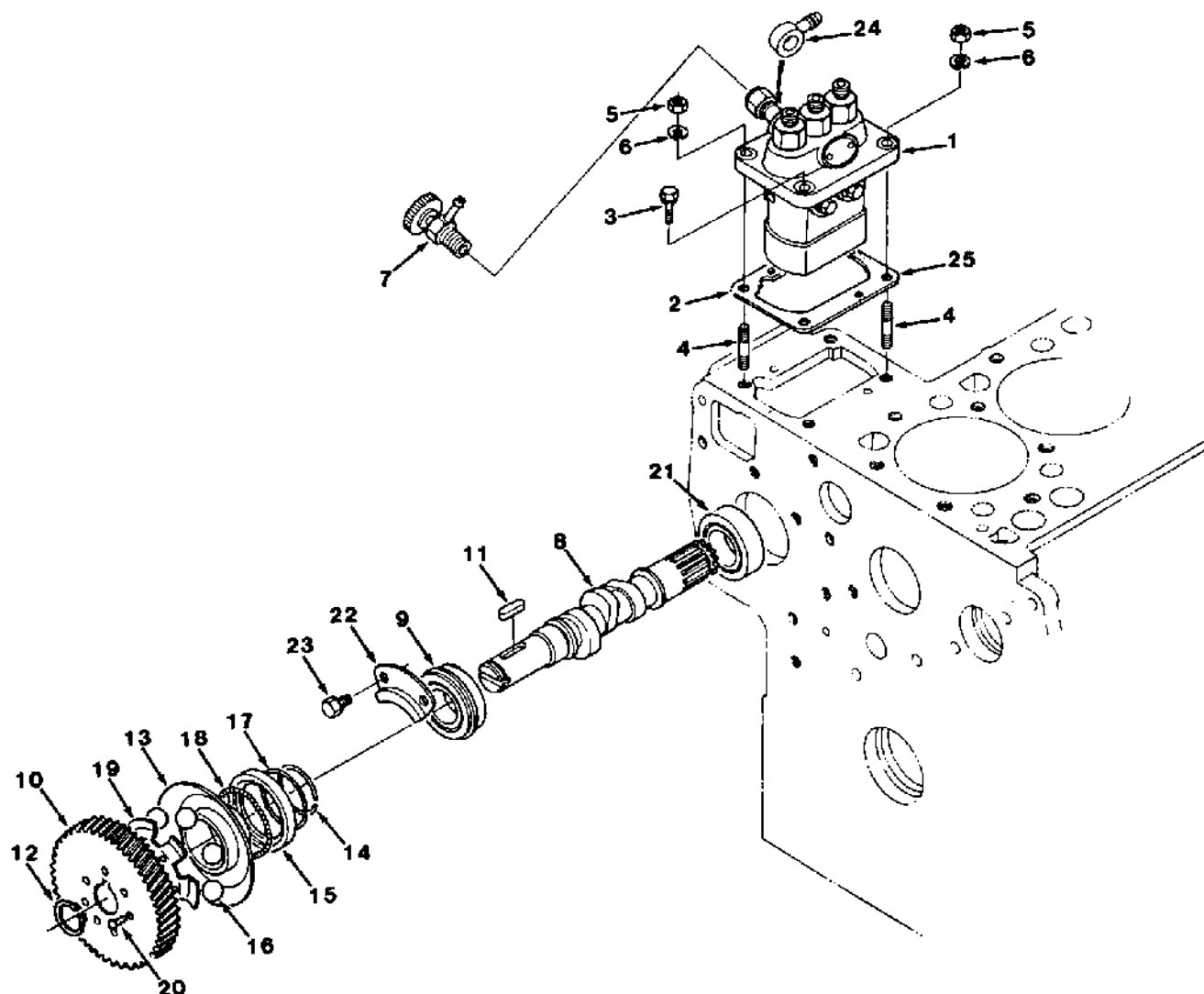
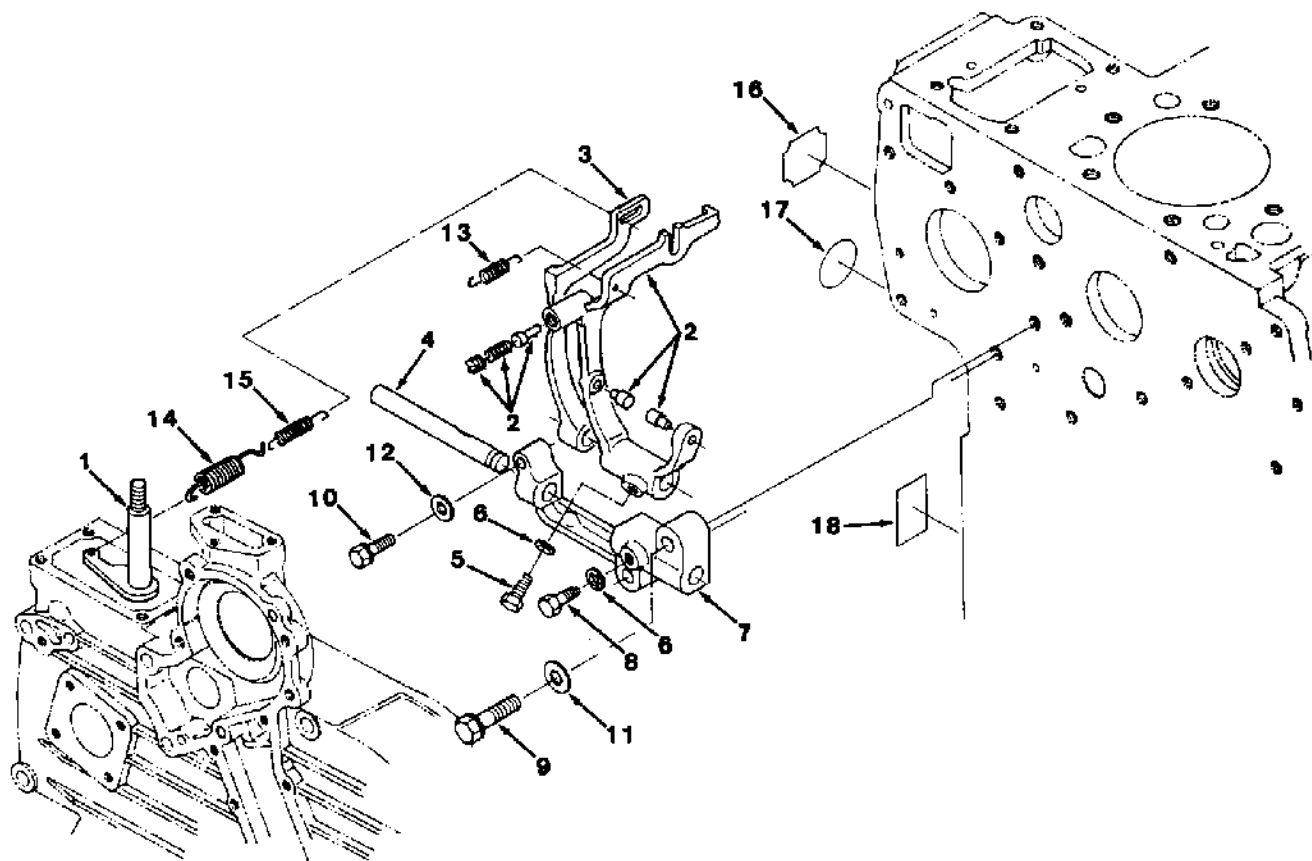


Fig. 13 – Fuel Camshaft Group

Fig. 13 – Fuel Camshaft Group

| Key | TENNANT®<br>Part No. | Kubota<br>Part Number | Engine<br>Serial Number | Description              | Qty.    |
|-----|----------------------|-----------------------|-------------------------|--------------------------|---------|
| 1   |                      | 15521-5101-0          | (000000- )              | Pump Assembly, Injection | 1       |
| 2   |                      | 15321-5211-0          | (000000- )              | Shim, Injection Pump     | As Req. |
| 3   |                      | 01123-50822           | (000000- )              | Bolt                     | 2       |
| 4   |                      | 01513-50822           | (000000- )              | Stud                     | 2       |
| 5   |                      | 02156-50080           | (000000- )              | Nut                      | 2       |
| 6   |                      | 04512-50080           | (000000- )              | Washer, Spring           | 2       |
| 7   |                      | 14311-6050-4          | (000000- )              | Cock Assembly, Jet-Start | 1       |
|     |                      | 15521-1602-0          | (000000- )              | Camshaft Assembly, Fuel  | 1       |
| 8   |                      | 15521-1617-0          | (000000- )              | Camshaft, Fuel           | 1       |
| 9   |                      | 08153-06205           | (000000- )              | Bearing, Ball            | 1       |
| 10  |                      | 15401-5115-0          | (000000- )              | Gear, Injection Pump     | 1       |
| 11  |                      | 05712-00525           | (000000- )              | Key, Feather             | 1       |
| 12  |                      | 04612-00240           | (000000- )              | Cir-Clip, External       | 1       |
| 13  |                      | 15221-5545-0          | (000000- )              | Sleeve, Governor         | 1       |
| 14  |                      | 15221-5547-0          | (000000- )              | Cir-Clip, Sleeve         | 1       |
| 15  |                      | 15221-5569-0          | (000000- )              | Case, Governor Ball      | 1       |
| 16  |                      | 07715-03205           | (000000- )              | Ball                     | 39      |
| 17  |                      | 15221-5574-0          | (000000- )              | Cir-Clip, Ball Case      | 1       |
| 18  |                      | 07715-00805           | (000000- )              | Ball                     | 7       |
| 19  |                      | 15521-5565-0          | (000000- )              | Guide, Governor Ball     | 1       |
| 20  |                      | 05611-10310           | (000000- )              | Rivet                    | 7       |
| 21  |                      | 08103-06205           | (000000- )              | Bearing, Ball            | 1       |
| 22  |                      | 15221-1632-0          | (000000- )              | Stopper, Fuel Camshaft   | 1       |
| 23  |                      | 01123-50814           | (000000- )              | Bolt                     | 2       |
| 24  |                      | 14111-4241-0          | (000000- )              | Connector                | 1       |
| 25  |                      | 15521-5211-0          | (000000- )              | Shim                     | As Req. |



**Fig. 14 – Governor Group**

02697

| Key | TENNANT®<br>Part No. | Kubota<br>Part Number | Engine<br>Serial Number | Description              | Qty. |
|-----|----------------------|-----------------------|-------------------------|--------------------------|------|
| 1   |                      | 15601-5602-0          | (000000- )              | Lever Assembly, Governor | 1    |
|     |                      | 15521-5605-0          | (000000- )              | Lever Assembly, Fork     | 1    |
| 2   |                      | 15521-5604-0          | (000000- )              | Lever Assembly, Fork     | 1    |
| 3   |                      | 15611-5613-0          | (000000- )              | Lever, Fork              | 1    |
| 4   |                      | 15221-5615-0          | (000000- )              | Shaft, Fork Lever        | 1    |
| 5   |                      | 15021-5624-0          | (000000- )              | Bolt, Lever Shaft        | 1    |
| 6   |                      | 04512-50060           | (000000- )              | Washer, Spring           | 2    |
| 7   |                      | 15221-5623-0          | (000000- )              | Holder, Fork Lever       | 1    |
| 8   |                      | 15221-6641-0          | (000000- )              | Bolt                     | 1    |
| 9   |                      | 01123-50832           | (000000- )              | Bolt                     | 2    |
| 10  |                      | 01023-50628           | (000000- )              | Bolt                     | 1    |
| 11  |                      | 04012-50080           | (000000- )              | Washer, Spring           | 2    |
| 12  |                      | 04012-50060           | (000000- )              | Washer, Spring           | 1    |
| 13  |                      | 15601-5648-0          | (000000- )              | Spring, Start            | 1    |
| 14  |                      | 15521-5641-0          | (000000- )              | Spring, Governor         | 1    |
| 15  |                      | 15521-5642-0          | (000000- )              | Spring, Governor         | 1    |
| 16  |                      | 15612-8721-0          | (000000- )              | Label, Caution           | 1    |
| 17  |                      | 09999-00002           | (000000- )              | Label, Inspection        | 1    |
| 18  |                      | 15103-9459-0          | (000000- )              | Label, Drain             | 1    |

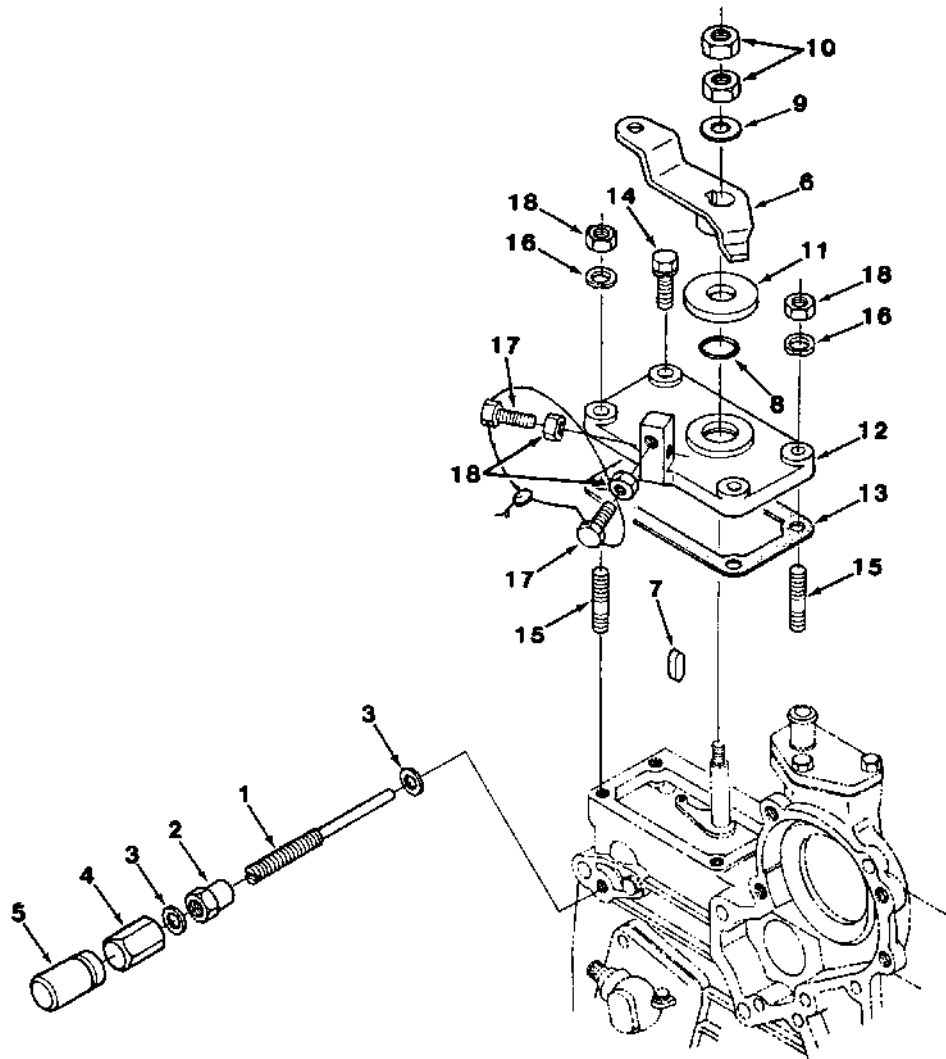


Fig. 15 – Speed Control Plate Group

02698

| Key | TENNANT®<br>Part No. | Kubota<br>Part Number | Engine<br>Serial Number | Description           | Qty. |
|-----|----------------------|-----------------------|-------------------------|-----------------------|------|
| 1   |                      | 15601-5412-0          | (000000- )              | Bolt, Adjusting       | 1    |
| 2   |                      | 15601-9201-0          | (000000- )              | Nut                   | 1    |
| 3   |                      | 15601-9665-0          | (000000- )              | Gasket                | 2    |
| 4   |                      | 15601-5422-0          | (000000- )              | Nut, Cap              | 1    |
| 5   |                      | 15601-5442-0          | (000000- )              | Cap                   | 1    |
| 6   |                      | 15469-5715-0          | (000000- )              | Lever, Speed Control  | 1    |
| 7   |                      | 05712-00408           | (000000- )              | Key, Feather          | 1    |
| 8   |                      | 04811-00120           | (000000- )              | O-Ring                | 1    |
| 9   |                      | 04013-50080           | (000000- )              | Washer, Plain         | 1    |
| 10  |                      | 02112-50080           | (000000- )              | Nut                   | 2    |
| 11  |                      | 17011-5738-0          | (000000- )              | Plate, Friction       | 1    |
| 12  |                      | 15521-5711-0          | (000000- )              | Plate, Speed Control  | 1    |
| 13  |                      | 15221-5721-0          | (000000- )              | Gasket, Control Plate | 1    |
| 14  |                      | 01023-50620           | (000000- )              | Bolt                  | 2    |
| 15  |                      | 15221-8821-0          | (000000- )              | Stud                  | 2    |
| 16  |                      | 04512-50060           | (000000- )              | Washer, Spring        | 2    |
| 17  |                      | 15108-5728-0          | (000000- )              | Stopper               | 2    |
| 18  |                      | 02056-50060           | (000000- )              | Nut                   | 4    |



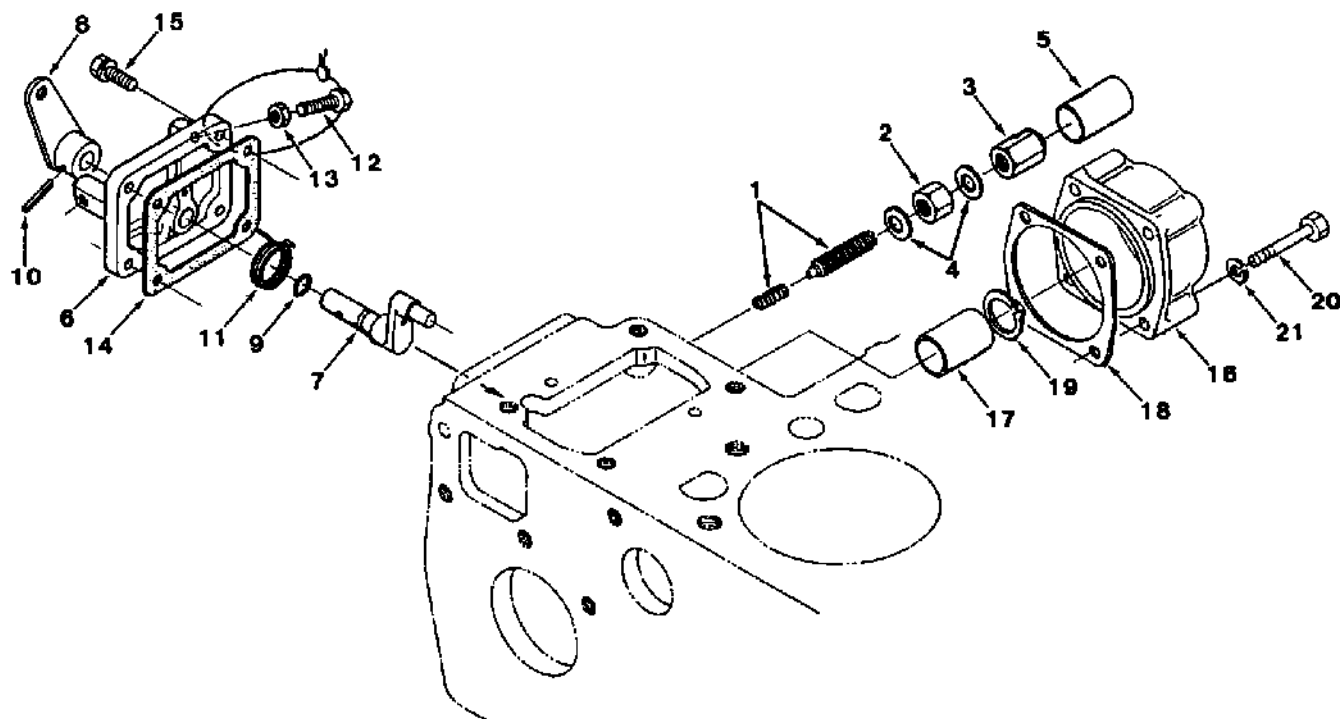


Fig. 16 – Stop Lever Group

02699

| Key | TENNANT®<br>Part No. | Kubota<br>Part Number | Engine<br>Serial Number | Description                 | Qty. |
|-----|----------------------|-----------------------|-------------------------|-----------------------------|------|
|     |                      | 15521-5409-0          | (000000- )              | Apparatus Assembly, Idle    | 1    |
| 1   |                      | 15521-5410-0          | (000000- )              | Bolt Assembly, Adjusting    | 1    |
| 2   |                      | 15401-9201-0          | (000000- )              | Nut                         | 1    |
| 3   |                      | 15521-9233-0          | (000000- )              | Nut, Cap                    | 1    |
| 4   |                      | 15021-3366-0          | (000000- )              | Gasket                      | 2    |
| 5   |                      | 15521-5427-0          | (000000- )              | Cap                         | 1    |
|     |                      | 15521-5770-0          | (000000- )              | Lever Assembly, Engine Stop | 1    |
| 6   |                      | 15521-5165-0          | (000000- )              | Cover, Injection Pump       | 1    |
| 7   |                      | 15611-5774-0          | (000000- )              | Shaft, Lever                | 1    |
| 8   |                      | 15611-5772-0          | (000000- )              | Lever, Engine Stop          | 1    |
| 9   |                      | 04811-10070           | (000000- )              | O-Ring                      | 1    |
| 10  |                      | 05411-00420           | (000000- )              | Pin, Spring                 | 1    |
| 11  |                      | 15611-5751-0          | (000000- )              | Spring                      | 1    |
| 12  |                      | 15108-5728-0          | (000000- )              | Stopper                     | 1    |
| 13  |                      | 02056-50060           | (000000- )              | Nut                         | 1    |
| 14  |                      | 15221-5166-0          | (000000- )              | Gasket, Pump Cover          | 1    |
| 15  |                      | 01023-50618           | (000000- )              | Bolt                        | 4    |
| 16  |                      | 15225-1621-0          | (000000- )              | Cover, Fuel Camshaft        | 1    |
| 17  |                      | 15225-1619-0          | (000000- )              | Collar                      | 1    |
| 18  |                      | 34150-3786-0          | (000000- )              | Packing                     | 1    |
| 19  |                      | 04612-00250           | (000000- )              | Cir-Clip, External          | 1    |
| 20  |                      | 01153-50865           | (000000- )              | Bolt                        | 4    |
| 21  |                      | 04512-50080           | (000000- )              | Washer, Spring              | 4    |

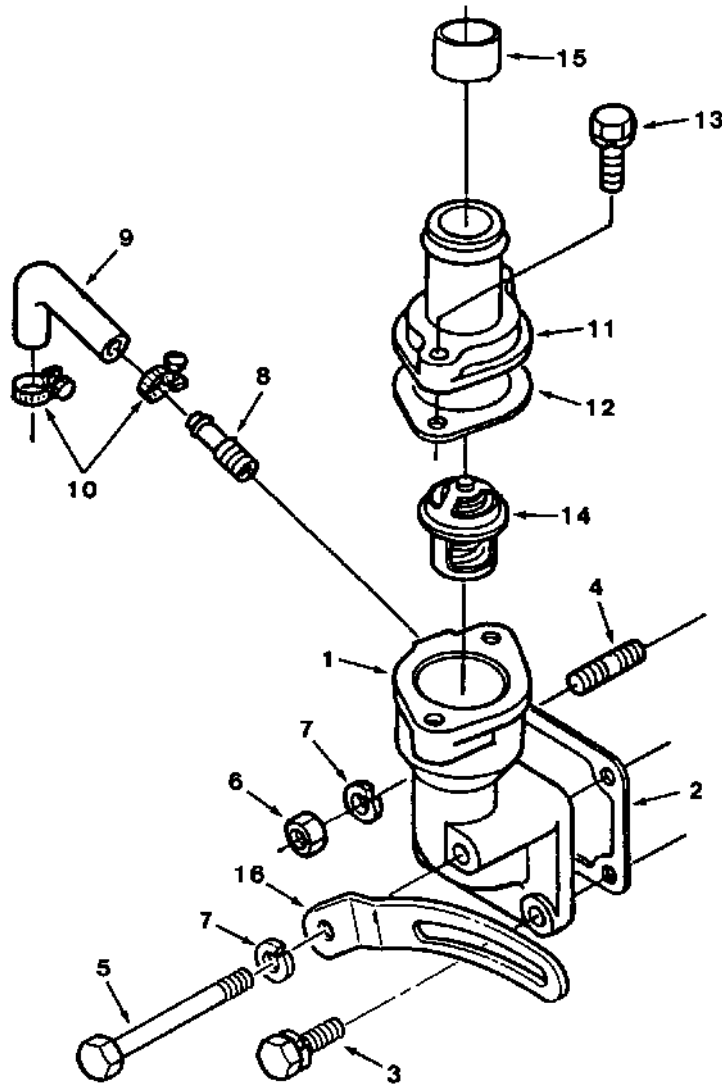
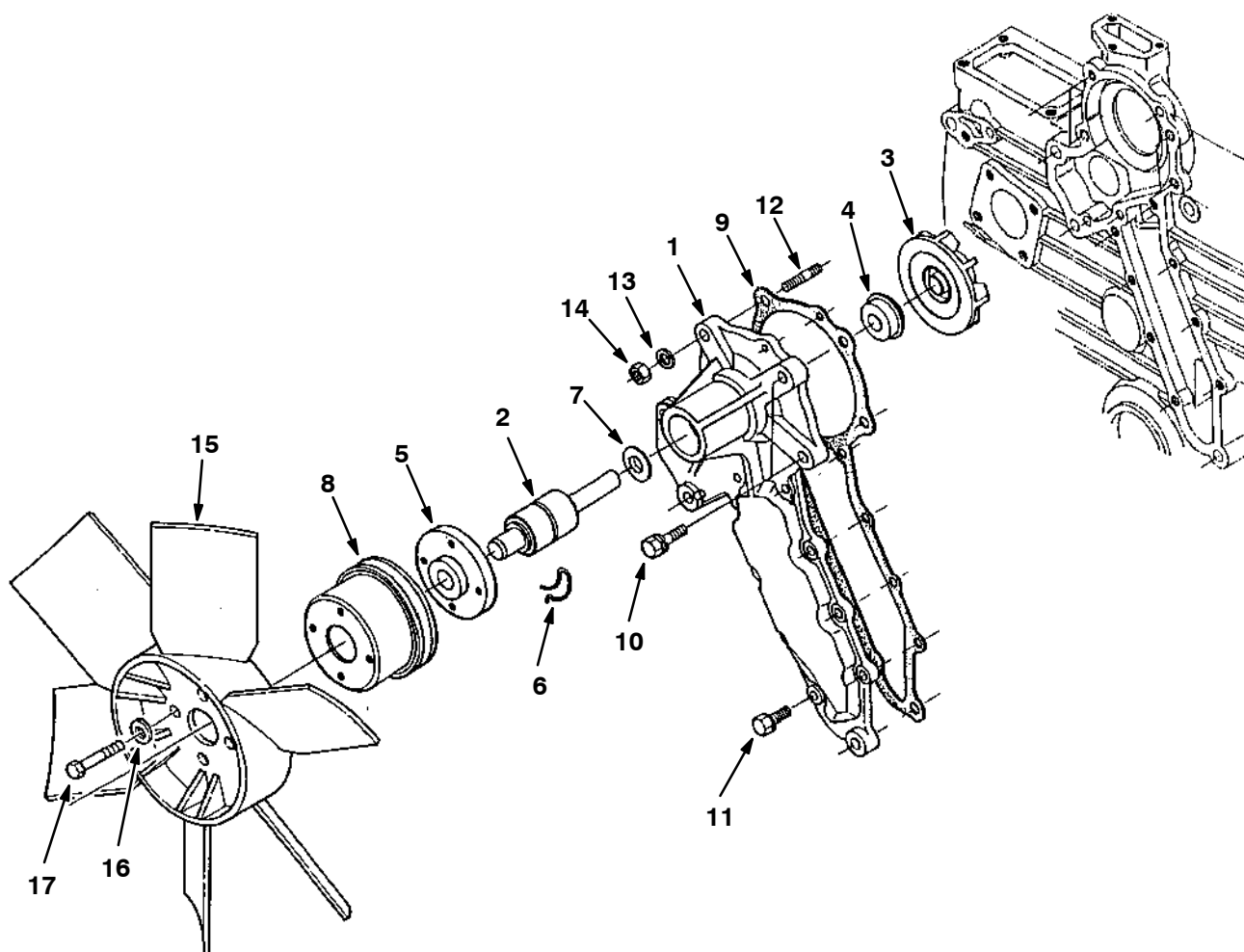


Fig. 17 – Thermostat Group

02700

| Key | TENNANT<br>Part No. | Kubota<br>Part Number | Engine<br>Serial Number | Description              | Qty. |
|-----|---------------------|-----------------------|-------------------------|--------------------------|------|
| 1   |                     | 15521-7291-0          | (000000- )              | Flange, Water            | 1    |
| 2   |                     | 15521-7292-0          | (000000- )              | Gasket, Water Flange     | 1    |
| 3   |                     | 01123-50822           | (000000- )              | Bolt                     | 2    |
| 4   |                     | 01513-50822           | (000000- )              | Stud                     | 1    |
| 5   |                     | 01153-50870           | (000000- )              | Bolt                     | 1    |
| 6   |                     | 02156-50080           | (000000- )              | Nut                      | 1    |
| 7   |                     | 04512-50080           | (000000- )              | Washer, Spring           | 2    |
| 8   | 40081               | 15321-7334-0          | (000000- )              | Pipe, Water Return       | 1    |
| 9   | 12795               | 15521-7334-0          | (000000- )              | Pipe, Water Return       | 1    |
| 10  |                     | 15109-7336-0          | (000000- )              | Band, Pipe               | 2    |
| 11  |                     | 15321-7326-0          | (000000- )              | Cover, Thermostat        | 1    |
| 12  | 10851               | 15321-7327-0          | (000000- )              | Gasket, Thermostat Cover | 1    |
| 13  |                     | 01123-50835           | (000000- )              | Bolt                     | 2    |
| 14  |                     | 15321-7301-0          | (000000- )              | Thermostat Assembly      | 1    |
| 15  |                     | 15000-3618-0          | (000000- )              | Cap                      | 2    |
| 16  | 03254               | 15321-6442-0          | (000000- )              | Adjustment, Arm          | 1    |



**Fig. 18 -- Water Pump Group**

05176

| Key | TENNANT<br>Part No. | Kubota<br>Part Number | Engine<br>Serial Number | Description              | Qty. |
|-----|---------------------|-----------------------|-------------------------|--------------------------|------|
| 1   |                     | 15521-7303-0          | (000000- )              | Pump Assembly, Water     | 1    |
| 2   |                     | 15521-7355-0          | (000000- )              | Bearing                  | 1    |
| 3   |                     | 15321-7351-0          | (000000- )              | Impeller, Water Pump     | 1    |
| 4   |                     | 15121-7305-0          | (000000- )              | Set Seal                 | 1    |
| 5   |                     | 15521-7352-0          | (000000- )              | Flange, Water Pump Shaft | 1    |
| 6   |                     | 15521-9481-0          | (000000- )              | Pin, Snap                | 1    |
| 7   |                     | 15121-7362-0          | (000000- )              | Slinger                  | 1    |
| 8   |                     | 15521-7425-0          | (000000- )              | Pulley, Fan              | 1    |
| 9   |                     | 15521-7343-0          | (000000- )              | Gasket, Water Pump       | 1    |
| 10  |                     | 01123-50828           | (000000- )              | Bolt                     | 2    |
| 11  |                     | 01023-50618           | (000000- )              | Bolt                     | 8    |
| 12  |                     | 01518-50822           | (000000- )              | Stud                     | 2    |
| 13  |                     | 04512-50080           | (000000- )              | Washer, Spring           | 2    |
| 14  |                     | 02156-50080           | (000000- )              | Nut                      | 2    |
| 15  | 82537               |                       | (000000- )              | Fan                      | 1    |
| 16  | 07799               |                       | (000000- )              | Washer                   | 4    |
| 17  | 06943               |                       | (000000- )              | Screw, Hex, M6           | 4    |

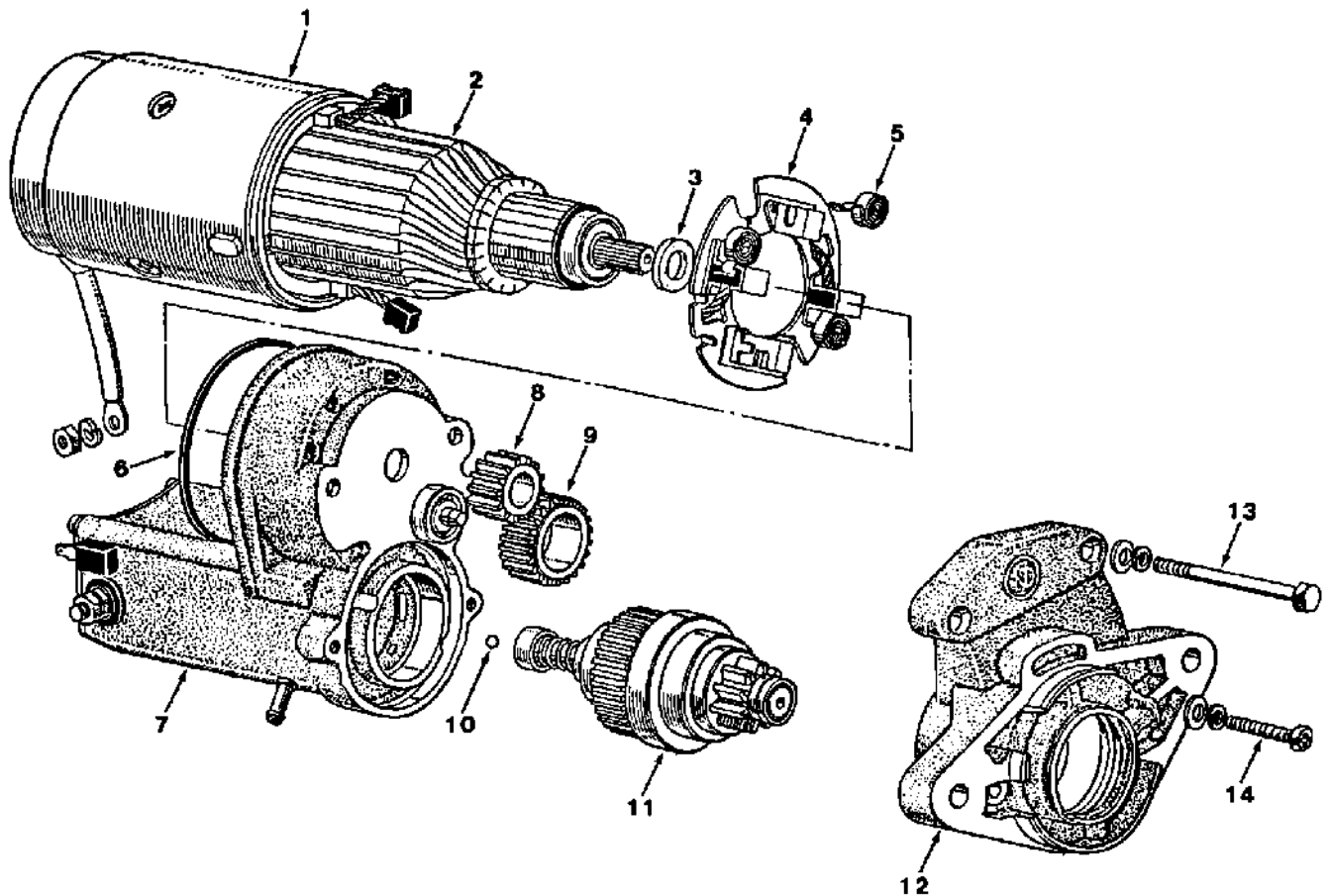


Fig. 19 – Starter Breakdown

02702

| Key | TENNANT<br>Part No. | Kubota<br>Part Number | Engine<br>Serial Number | Description      | Qty. |
|-----|---------------------|-----------------------|-------------------------|------------------|------|
|     | 38957               | 15461-630 11          | (000000- )              | Starter          | 1    |
| 1   |                     | 15401-6308-0          | (000000- )              | Yoke             | 1    |
| 2   |                     | 19212-6307-0          | (000000- )              | Armature         | 1    |
| 3   |                     | 19212-9667-0          | (000000- )              | Gasket           | 1    |
| 4   |                     | 15401-6338-0          | (000000- )              | Holder, Brush    | 1    |
| 5   |                     | 15401-6339-0          | (000000- )              | Spring, Brush    | 4    |
| 6   |                     | 15401-9666-0          | (000000- )              | Gasket           | 1    |
| 7   |                     | 15521-6302-0          | (000000- )              | Switch, Magnet   | 1    |
| 8   |                     | 15521-6326-0          | (000000- )              | Gear             | 1    |
| 9   |                     | 15401-6327-0          | (000000- )              | Gear             | 1    |
| 10  |                     | 15451-9713-0          | (000000- )              | Ball             | 1    |
| 11  |                     | 15521-6304-0          | (000000- )              | Clutch           | 1    |
| 12  |                     | 15521-6303-0          | (000000- )              | Frame, Drive End | 1    |
| 13  |                     | 15401-6332-0          | (000000- )              | Bolt, Through    | 2    |
| 14  |                     | 15401-9331-0          | (000000- )              | Screw            | 2    |



SECTION 13

CONTENTS

|                                                          | Page |
|----------------------------------------------------------|------|
| PART NUMBER TO PAGE NUMBER CROSS<br>REFERENCE LIST ..... | 13-3 |



## PART NUMBER TO PAGE NUMBER CROSS REFERENCE LIST

| Part Number     | Page Number            | Part Number      | Page Number                              |
|-----------------|------------------------|------------------|------------------------------------------|
| A850X-6013-AA . | 11-12, 11-18           | DORY-6269-A ...  | 11-8                                     |
| A85OX-6013-AA . | 10-12, 10-20           | DORY-6306-A ...  | 11-10                                    |
| A85OX-6014-KNA  | 10-20                  | DORY-6549-B ..   | 11-8                                     |
| AGRF-22 .....   | 10-18                  | DORY-6587-A ...  | 11-8                                     |
| C5TE-8575-B ... | 10-16                  | DORY-6652-A ...  | 11-12                                    |
| C6AH-12390-B .. | 10-18                  | DORY-6666-A ...  | 11-12                                    |
| DORY-6253-A ... | 10-8                   | DORY-6670-A ...  | 11-12                                    |
| DORY-6255-A ... | 10-8                   | DORY-6674-A ...  | 11-12                                    |
| DORY-6258-A ... | 10-8                   | DORY-6B316-A .   | 11-10                                    |
| DORY-6261-A ... | 10-8                   | E0FZ-6730-B ...  | 10-12                                    |
| DORY-6261-B ... | 10-8                   | E0FZ-6734-A ...  | 10-12                                    |
| DORY-6262-A ... | 10-8                   | E4AF-12A648-AA   | 11-14                                    |
| DORY-6262-B ... | 10-8                   | E600113-S72 .... | 10-15, 10-16, 11-16                      |
| DORY-6268-A ... | 10-8                   | E600115-S72 .... | 10-15                                    |
| DORY-6269-A ... | 10-8                   | E600116-S72 .... | 10-8, 11-8                               |
| DORY-6306-A ... | 10-10                  | E600314-S72 .... | 10-8                                     |
| DORY-6549-B ... | 10-8                   | E602165-S72 .... | 10-12, 11-12                             |
| DORY-6587-A ... | 10-8                   | E602166-S72 .... | 10-8, 11-8                               |
| DORY-6652-A ... | 10-12                  | E602167-S71 .... | 10-15                                    |
| DORY-6666-A ... | 10-12                  | E602187-S82 .... | 10-10, 10-16, 11-10, 11-16               |
| DORY-6670-A ... | 10-12                  | E602188-S72 .... | 10-12, 10-14                             |
| DORY-6674-A ... | 10-12                  | E602351-S72 .... | 10-8, 11-8                               |
| DORY-6B316-A .. | 10-10                  | E603166-S72 .... | 10-4                                     |
| D1FZ-6026-E ... | 10-8                   | E620433-S72 .... | 10-14                                    |
| D1FZ-6026-E ... | 11-8                   | E630031-S101 ... | 10-8, 11-8                               |
| D1FZ-6284-A ... | 10-8, 11-8             | E630152-S71 .... | 10-15, 11-15                             |
| D1FZ-6286-A ... | 10-8, 11-8             | E630173-S71 .... | 10-14                                    |
| D1FZ-6345-A ... | 10-6, 11-6             | E630173-S71M ..  | 10-10, 10-12, 10-16, 11-10, 11-12, 11-16 |
| D1FZ-6397-B ... | 11-19                  | E800113-S72 .... | 11-15                                    |
| D1FZ-6500-A ... | 10-8                   | E800157-S72 .... | 11-14                                    |
| D1FZ-6514-B ... | 10-4                   | E800334-S76 .... | 10-10                                    |
| D1FZ-6518-B ... | 10-4                   | E800509-S72 .... | 11-8                                     |
| D1FZ-6571-B ... | 10-4, 11-4             | E800512-S72 .... | 11-15                                    |
| D1FZ-6608-B ... | 10-12, 11-12           | E800516-S72 .... | 11-4                                     |
| D1FZ-6659-A ... | 10-12                  | E800518-S72 .... | 11-15                                    |
| D1FZ-8255-B ... | 10-16                  | E800519-S72 .... | 11-12                                    |
| D1RY-12143-A .. | 10-18                  | E802166-S76 .... | 11-17                                    |
| D2RY-6379-A ... | 11-19                  | E802666-S72 .... | 11-6                                     |
| D7RZ-6701-A ... | 11-10                  | E804335-S201 ... | 11-17                                    |
| D8RZ-6020-A ... | 10-15                  | E804627-S76 .... | 10-14                                    |
| D8RZ-6026-A ... | 10-6, 11-6             | E830135-S76 .... | 10-10, 11-10                             |
| D8RZ-6026-B ... | 10-4, 10-6, 11-4, 11-6 | E840126-S .....  | 10-4, 11-4                               |
| D8RZ-6310-A ... | 10-10, 11-10           | E865648-S .....  | 11-17                                    |
| D8RZ-6384-A ... | 10-22                  | E890100-S .....  | 10-6, 11-6                               |
| D8RZ-6600-A ... | 10-12, 11-12           | E8JL-12A200-AC   | 11-17                                    |
| D8RZ-6750-A ... | 10-12                  | EOFZ-6730-B ...  | 11-12                                    |
| D8RZ-6767-A ... | 10-6, 11-6             | EOFZ-6734-A ...  | 11-12                                    |
| D8RZ-8501-A ... | 10-16                  | FL-271 .....     | 10-12                                    |
| D8RZ-8507-A ... | 10-16                  | MM161 .....      | 5-10, 5-12                               |
| DORY-6253-A ... | 11-8                   | RT-351 .....     | 10-16, 11-16                             |
| DORY-6255-A ... | 11-8                   | SK1444 .....     | 5-4, 5-54, 5-60                          |
| DORY-6258-A ... | 11-8                   | SK2561 .....     | 9-12                                     |
| DORY-6261-A ... | 11-8                   | 72EG-2A411-BA    | 10-14                                    |
| DORY-6261-B ..  | 11-8                   | 72HF-12106-AA .  | 10-18                                    |
| DORY-6262-A ... | 11-8                   | 77BF-12273-AA .  | 10-18                                    |
| DORY-6262-B ..  | 11-8                   | 77BF-9K442-AA .  | 11-14                                    |
| DORY-6268-A ... | 11-8                   | 77BM-6055-AA ..  | 10-6                                     |



## CROSS REFERENCE

| Part Number      | Page Number         | Part Number      | Page Number  |
|------------------|---------------------|------------------|--------------|
| 77BM-6059-AE ..  | 10-15               | 86BM-6102-BC ..  | 10-10        |
| 77BM-6065-AA ..  | 10-4                | 86BM-6102-CC ..  | 10-10        |
| 77BM-6214-AA ..  | 10-10               | 86BM-6200-AA ..  | 10-10, 11-10 |
| 77BM-6256-AA ..  | 10-8, 11-8          | 86BM-6250-BA ..  | 10-8         |
| 77BM-6333-BAA    | 10-10               | 86BM-6303-AA ..  | 10-10        |
| 77BM-6333-BBA    | 10-10               | 86BM-6344-AA ..  | 10-10        |
| 77BM-6333-BCA    | 10-10               | 86BM-6513-AA ..  | 10-4         |
| 77BM-6333-BDA    | 10-10               | 86BM-6565-AC ..  | 10-8         |
| 77BM-6333-BEA    | 10-10               | 86BM-6617-AA ..  | 11-12        |
| 77BM-6333-BFA    | 10-10               | 86BM-6675-AA ..  | 10-12, 11-12 |
| 77BM-6333-BGA    | 10-10               | 86BM-6K318-AA    | 10-10, 11-10 |
| 77BM-6333-BHA    | 10-10               | 87YF-12405-AA .. | 11-17        |
| 77BM-6333-BJA    | 10-10               | 88BX-6008-BA ..  | 11-18        |
| 77BM-6505-DB ..  | 10-4                | 88BX-6014-BA ..  | 11-18        |
| 77BM-6529-AB ..  | 10-8                | 88WM-6518-AA ..  | 11-4         |
| 77BM-6531-BB ..  | 10-8, 11-8          | 89BF-12024-AB .. | 11-17        |
| 77BM-6571-AB ..  | 10-4                | 89BF-12283-AC .. | 11-17        |
| 77BM-6584-CA ..  | 10-4, 11-4          | 89BF-12284-AC .. | 11-17        |
| 77BM-6598-AB ..  | 10-8, 11-8          | 89BF-12286-AC .. | 11-17        |
| 77BM-6617-AD ..  | 10-12               | 89BF-12287-AC .. | 11-17        |
| 77BM-6784-AC ..  | 10-12               | 89BF-12297-AA .. | 11-17        |
| 77BM-6A341-AA    | 10-10               | 89BF-6C315-AA .. | 11-6         |
| 77BM-6A341-BA    | 10-10               | 89BF-9424-AD ..  | 11-14        |
| 77BM-6A557-BB    | 10-8, 11-8          | 89BM-6010-FA ..  | 11-6         |
| 77BM-6K255-AB    | 10-8, 11-8          | 89BM-6011-DA ..  | 11-6         |
| 77BM-6K528-AB    | 10-8                | 89BM-6019-AA ..  | 11-15        |
| 77BM-9441-DA ..  | 10-14               | 89BM-6020-AA ..  | 11-15        |
| 77BM-9448-EA ..  | 10-14               | 89BM-6049-DD ..  | 11-4         |
| 80BM-6507-DC ..  | 10-4                | 89BM-6051-C1C    | 11-4         |
| 80BM-6507-FC ..  | 10-4                | 89BM-6055-BA ..  | 11-6         |
| 81SM-6211-AA ..  | 10-10               | 89BM-6056-A1F .. | 11-4         |
| 81SM-6211-BA ..  | 10-10               | 89BM-6057-A2E .. | 11-4         |
| 81SM-6211-CA ..  | 10-10               | 89BM-6065-DA ..  | 11-4         |
| 81SM-6211-DA ..  | 10-10               | 89BM-6102-DA ..  | 11-10        |
| 81SM-6211-EA ..  | 10-10               | 89BM-6102-EA ..  | 11-10        |
| 81SM-6211-FA ..  | 10-10               | 89BM-6102-FA ..  | 11-10        |
| 83AM-6701-A1A    | 10-10               | 89BM-6214-CB ..  | 11-10        |
| 83BM-6700-A3A    | 11-15               | 89BM-6251-AA ..  | 11-8         |
| 83BM-6700-A4A    | 10-10, 10-15, 11-10 | 89BM-6303-DA ..  | 11-10        |
| 84BF-6K614-CA .. | 10-4                | 89BM-6312-AA ..  | 11-10        |
| 84BF-9430-BA ..  | 10-14               | 89BM-6333-AA ..  | 11-10        |
| 84BM-6148-DA ..  | 10-10, 11-10        | 89BM-6333-BA ..  | 11-10        |
| 84BM-6148-EA ..  | 10-10, 11-10        | 89BM-6333-CA ..  | 11-10        |
| 84BM-6148-FA ..  | 10-10, 11-10        | 89BM-6333-DA ..  | 11-10        |
| 84BM-6582-CA ..  | 10-4                | 89BM-6333-EA ..  | 11-10        |
| 84FM-6375-AB ..  | 10-22               | 89BM-6333-FA ..  | 11-10        |
| 86BF-12100-FA .. | 10-18               | 89BM-6333-GA ..  | 11-10        |
| 86BF-12283-AB .. | 10-18               | 89BM-6333-HA ..  | 11-10        |
| 86BF-12284-AB .. | 10-18               | 89BM-6344-BA ..  | 11-10        |
| 86BF-12286-AB .. | 10-18               | 89BM-6375-BA ..  | 11-19        |
| 86BF-12287-AB .. | 10-18               | 89BM-6500-AA ..  | 11-8         |
| 86BF-12370-CA .. | 10-18               | 89BM-6505-BC ..  | 11-4         |
| 86BF-12K062-AA   | 10-18               | 89BM-6505-CA ..  | 11-4         |
| 86BF-9425-FB ..  | 10-14               | 89BM-6507-BA ..  | 11-4         |
| 86BM-6010-CA ..  | 10-6                | 89BM-6507-BC ..  | 11-4         |
| 86BM-6011-AA ..  | 10-6                | 89BM-6513-AA ..  | 11-4         |
| 86BM-6049-CC ..  | 10-4                | 89BM-6529-AB ..  | 11-8         |
| 86BM-6051-B1A    | 10-4                | 89BM-6565-AA ..  | 11-8         |
| 86BM-6057-CA ..  | 10-4                | 89BM-6582-AA ..  | 11-4         |
| 86BM-6102-AC ..  | 10-10               | 89BM-6659-AA ..  | 11-12        |

| Part Number      | Page Number                                | Part Number      | Page Number      |
|------------------|--------------------------------------------|------------------|------------------|
| 89BM-6750-AA ..  | 11-12                                      | 02176-50100 .... | 12-19            |
| 89BM-6784-AA ..  | 11-12                                      | 02247 .....      | 5-48, 6-6        |
| 89BM-6A341-AA .. | 11-10                                      | 02482 .....      | 7-13             |
| 89BM-6A341-BA .. | 11-10                                      | 02485 .....      | 5-4, 5-8, 5-74   |
| 89BM-6A536-AA .. | 11-4                                       | 02506-6 .....    | 8-38             |
| 89BM-6K340-AA .. | 11-10                                      | 02507 .....      | 8-4              |
| 89BM-6K528-AB .. | 11-8                                       | 02602 .....      | 9-6              |
| 89BM-8501-BD ..  | 11-16                                      | 02606 .....      | 9-17             |
| 89BM-8507-AA ..  | 11-16                                      | 02607 .....      | 9-17             |
| 89BM-9441-AB ..  | 11-14                                      | 02609 .....      | 9-17             |
| 89SM-6211-AA ..  | 11-10                                      | 02621 .....      | 9-19             |
| 89SM-6211-BA ..  | 11-10                                      | 02630 .....      | 9-13             |
| 89SM-6211-CA ..  | 11-10                                      | 02637 .....      | 5-30             |
| 89SM-6211-DA ..  | 11-10                                      | 02640 .....      | 5-30             |
| 89SM-6211-EA ..  | 11-10                                      | 02657 .....      | 5-32             |
| 00500-15 .....   | 9-8, 9-9, 9-10, 9-11, 9-14                 | 02659 .....      | 5-32             |
| 00500-5 .....    | 5-62                                       | 02661 .....      | 5-24             |
| 711F-6500-DA ..  | 10-8                                       | 02662 .....      | 5-24, 8-18       |
| 771F-8250-BA ..  | 10-16                                      | 02663 .....      | 5-6, 8-22        |
| 00926 .....      | 5-68                                       | 02668 .....      | 7-6              |
| 00927 .....      | 5-32                                       | 02671 .....      | 5-18             |
| 00966 .....      | 9-12                                       | 02674 .....      | 8-34             |
| 01023-50614 .... | 12-14                                      | 02675 .....      | 5-40             |
| 01023-50618 .... | 12-26, 12-28                               | 02676 .....      | 5-40             |
| 01023-50620 .... | 12-8, 12-25                                | 02677 .....      | 7-10             |
| 01053 .....      | 5-71                                       | 02683 .....      | 5-40             |
| 01053-50648 .... | 12-4                                       | 02684 .....      | 5-40             |
| 01073-51030 .... | 12-19                                      | 02685 .....      | 5-40             |
| 01073-51240 .... | 12-19                                      | 02686 .....      | 5-46             |
| 01123-50814 .... | 12-6, 12-22                                | 02687 .....      | 5-44, 7-16       |
| 01123-50816 .... | 12-7                                       | 02696 .....      | 5-54, 5-56       |
| 01123-50818 .... | 12-18                                      | 02699 .....      | 5-68             |
| 01123-50822 .... | 12-11, 12-22, 12-27                        | 02701 .....      | 5-66, 5-68       |
| 01123-50825 .... | 12-10                                      | 02702 .....      | 5-66, 5-68       |
| 01123-50828 .... | 12-10, 12-28                               | 02704 .....      | 5-42, 9-4        |
| 01123-50835 .... | 12-27                                      | 02705 .....      | 9-4              |
| 01123-50860 .... | 12-8                                       | 02706 .....      | 9-4              |
| 01133-51025 .... | 12-6                                       | 02707 .....      | 9-4              |
| 01133-51030 .... | 12-19                                      | 02708 .....      | 9-4              |
| 01153-50812 .... | 12-19                                      | 02709 .....      | 9-4              |
| 01153-50865 .... | 12-26                                      | 02710 .....      | 9-4              |
| 01153-50870 .... | 12-8, 12-27                                | 02711 .....      | 9-4              |
| 01153-50880 .... | 12-8                                       | 02712 .....      | 5-35             |
| 01153-50895 .... | 12-8                                       | 02716 .....      | 7-10             |
| 01275 .....      | 5-26                                       | 02722 .....      | 5-34             |
| 01318 .....      | 5-8, 8-6, 8-8                              | 02724 .....      | 5-34             |
| 01513-50822 .... | 12-22, 12-27                               | 02728 .....      | 5-20             |
| 01517-51028 .... | 12-19                                      | 02731 .....      | 8-44             |
| 01518-50822 .... | 12-28                                      | 02738 .....      | 5-48, 5-52       |
| 01622 .....      | 8-24                                       | 02740 .....      | 5-63, 5-64, 6-15 |
| 01666 .....      | 9-15, 9-16                                 | 02741 .....      | 5-63, 5-64, 6-15 |
| 01669 .....      | 9-15, 9-16                                 | 02885 .....      | 5-24             |
| 01673 .....      | 9-16                                       | 02886 .....      | 5-18             |
| 01681 .....      | 7-5                                        | 02887 .....      | 5-48, 5-50       |
| 01817 .....      | 9-15                                       | 02892 .....      | 5-18             |
| 01818 .....      | 9-16                                       | 02912 .....      | 8-26             |
| 02056-50060 .... | 12-8, 12-25, 12-26                         | 02925 .....      | 8-24             |
| 02112-50080 .... | 12-25                                      | 02942 .....      | 8-18             |
| 02156-50080 .... | 12-7, 12-11, 12-12, 12-22,<br>12-27, 12-28 | 02943 .....      | 5-8              |
|                  |                                            | 02944 .....      | 5-8              |

## CROSS REFERENCE

| Part Number      | Page Number |
|------------------|-------------|
| 02945 .....      | 8-4         |
| 02960 .....      | 6-4         |
| 02961 .....      | 6-4         |
| 02962 .....      | 8-26        |
| 02963 .....      | 6-4         |
| 02964 .....      | 6-4         |
| 02965 .....      | 6-4         |
| 02967 .....      | 8-24        |
| 02970 .....      | 8-24        |
| 02977 .....      | 6-6         |
| 02987 .....      | 5-30        |
| 02997 .....      | 8-21        |
| 02998 .....      | 5-8         |
| 02999 .....      | 5-40        |
| 03001 .....      | 5-40        |
| 03004 .....      | 5-47        |
| 03006 .....      | 5-47        |
| 03020 .....      | 6-8         |
| 03021 .....      | 5-8         |
| 03022 .....      | 8-30        |
| 03023 .....      | 5-8         |
| 03024 .....      | 8-22        |
| 03024-50520 .... | 12-20       |
| 03026 .....      | 6-8         |
| 03043 .....      | 8-26        |
| 03044 .....      | 6-8         |
| 03051 .....      | 6-14        |
| 03053 .....      | 6-14        |
| 03054 .....      | 6-14        |
| 03055 .....      | 6-14        |
| 03056 .....      | 6-14        |
| 03058 .....      | 6-14        |
| 03067 .....      | 6-14        |
| 03068 .....      | 6-14        |
| 03069 .....      | 6-14        |
| 03070 .....      | 6-14        |
| 03071 .....      | 6-14        |
| 03072 .....      | 6-14        |
| 03073 .....      | 8-24        |
| 03074 .....      | 8-24        |
| 03091 .....      | 5-26        |
| 03112 .....      | 8-21        |
| 03114 .....      | 8-21        |
| 03130 .....      | 8-26        |
| 03139 .....      | 8-21        |
| 03141 .....      | 8-26        |
| 03142 .....      | 8-26        |
| 03152 .....      | 5-48, 5-59  |
| 03154 .....      | 5-68        |
| 03157 .....      | 5-58        |
| 03158 .....      | 5-58, 5-62  |
| 03160 .....      | 5-68        |
| 03176 .....      | 5-10        |
| 03177 .....      | 5-10        |
| 03178 .....      | 5-10        |
| 03179 .....      | 5-68        |
| 03183 .....      | 5-58        |
| 03189 .....      | 5-48        |
| 03192 .....      | 5-70        |
| 03193 .....      | 5-68        |

| Part Number      | Page Number                                                       |
|------------------|-------------------------------------------------------------------|
| 03194 .....      | 5-48                                                              |
| 03210 .....      | 5-68                                                              |
| 03227 .....      | 5-59                                                              |
| 03232 .....      | 5-72                                                              |
| 03233 .....      | 5-58, 5-62                                                        |
| 03234 .....      | 8-4                                                               |
| 03235 .....      | 8-4                                                               |
| 03237 .....      | 8-4                                                               |
| 03238 .....      | 8-4                                                               |
| 03240 .....      | 5-72                                                              |
| 03242 .....      | 8-4                                                               |
| 03243 .....      | 8-4                                                               |
| 03247 .....      | 8-4                                                               |
| 03251 .....      | 5-10                                                              |
| 03252 .....      | 5-72                                                              |
| 03253 .....      | 8-4                                                               |
| 03254 .....      | 12-27                                                             |
| 03255 .....      | 8-4                                                               |
| 03280 .....      | 8-4                                                               |
| 03281 .....      | 8-4                                                               |
| 03282 .....      | 8-4                                                               |
| 03410-00808 .... | 12-12                                                             |
| 03467A .....     | 5-35                                                              |
| 04011-50180 .... | 12-8                                                              |
| 04012-50080 .... | 12-12                                                             |
| 04013-50080 .... | 12-25                                                             |
| 04078 .....      | 5-58                                                              |
| 04140 .....      | 5-59                                                              |
| 04175 .....      | 8-18                                                              |
| 04200 .....      | 5-4                                                               |
| 04201 .....      | 5-4                                                               |
| 04414 .....      | 5-68, 5-70                                                        |
| 04428A .....     | 8-20, 8-26                                                        |
| 04468 .....      | 5-22, 9-18                                                        |
| 04471 .....      | 7-8, 9-20                                                         |
| 04477 .....      | 9-20                                                              |
| 04480 .....      | 9-18                                                              |
| 04512-50060 .... | 12-4, 12-8, 12-14, 12-25                                          |
| 04512-50080 .... | 12-7, 12-8, 12-11, 12-12,<br>12-19, 12-22, 12-26, 12-27,<br>12-28 |
| 04512-50100 .... | 12-19                                                             |
| 04512-50120 .... | 12-19                                                             |
| 04612-00140 .... | 12-12                                                             |
| 04612-00240 .... | 12-22                                                             |
| 04612-00250 .... | 12-26                                                             |
| 04717-01600 .... | 12-7                                                              |
| 04733-3 .....    | 7-5                                                               |
| 04811-00120 .... | 12-25                                                             |
| 04811-00140 .... | 12-6                                                              |
| 04811-00150 .... | 12-8                                                              |
| 04811-00360 .... | 12-8                                                              |
| 04811-06100 .... | 12-14                                                             |
| 04811-10070 .... | 12-26                                                             |
| 04811-10300 .... | 12-16                                                             |
| 04811-50300 .... | 12-14                                                             |
| 05012-00408 .... | 12-4                                                              |
| 05012-00609 .... | 12-4                                                              |
| 05012-00612 .... | 12-4, 12-8                                                        |
| 05012-01018 .... | 12-4                                                              |

| Part Number      | Page Number      | Part Number      | Page Number      |
|------------------|------------------|------------------|------------------|
| 05411-00420 .... | 12-26            | 07382 .....      | 8-18             |
| 05611-10310 .... | 12-22            | 07384 .....      | 8-18             |
| 05712-00408 .... | 12-25            | 07387 .....      | 5-72             |
| 05712-00410 .... | 12-4             | 07421 .....      | 8-4              |
| 05712-00525 .... | 12-22            | 07425 .....      | 7-17             |
| 05712-00720 .... | 12-16            | 07437 .....      | 8-26             |
| 05712-00720 .... | 12-18            | 07442 .....      | 8-24             |
| 06279 .....      | 8-18             | 07447 .....      | 8-18             |
| 06311-75015 .... | 12-4             | 07448 .....      | 8-18             |
| 06311-75045 .... | 12-4             | 07449 .....      | 8-18             |
| 06442 .....      | 5-26             | 07464 .....      | 5-48             |
| 06474A .....     | 8-8              | 07469 .....      | 8-18             |
| 06507 .....      | 5-48, 5-52, 6-6  | 07477 .....      | 8-18             |
| 06532 .....      | 5-52, 5-60, 5-62 | 07478 .....      | 8-18             |
| 06678 .....      | 8-22             | 07480 .....      | 5-8              |
| 06750 .....      | 5-30, 5-42       | 07485 .....      | 7-4              |
| 06868 .....      | 6-6              | 07491 .....      | 5-48             |
| 06869 .....      | 6-6              | 07492 .....      | 5-48             |
| 06870 .....      | 6-6              | 07496 .....      | 5-32             |
| 06871 .....      | 6-6              | 07499 .....      | 5-32             |
| 06907 .....      | 6-6              | 07503 .....      | 8-18             |
| 06913 .....      | 6-8              | 07529 .....      | 8-18             |
| 06943 .....      | 12-28            | 07536 .....      | 5-58, 6-4        |
| 06946 .....      | 8-48             | 07539 .....      | 5-52, 5-60       |
| 07009 .....      | 5-48             | 07562 .....      | 5-63, 5-64, 6-15 |
| 07026 .....      | 8-22             | 07566 .....      | 8-28             |
| 07027 .....      | 8-10             | 07585 .....      | 8-18             |
| 07030 .....      | 5-8              | 07586 .....      | 5-48             |
| 07037 .....      | 8-8, 8-22        | 07597 .....      | 5-59, 5-60       |
| 07051 .....      | 5-4, 8-18        | 07598 .....      | 5-59, 5-60       |
| 07063 .....      | 8-18             | 07602 .....      | 5-59, 5-60       |
| 07103 .....      | 5-59             | 07640 .....      | 5-4              |
| 07104 .....      | 5-59             | 07642 .....      | 5-36             |
| 07105 .....      | 5-48, 5-59       | 07660 .....      | 6-12             |
| 07113 .....      | 5-58             | 07663 .....      | 5-36             |
| 07128 .....      | 5-58             | 07664 .....      | 8-4, 8-12, 8-13  |
| 07132 .....      | 5-68             | 07674 .....      | 6-8              |
| 07188 .....      | 5-68             | 07676 .....      | 5-10             |
| 07189 .....      | 5-58, 5-62       | 07684 .....      | 5-4              |
| 07211 .....      | 8-37             | 07685 .....      | 5-4              |
| 07212 .....      | 5-48             | 07700 .....      | 5-48             |
| 07250 .....      | 5-48, 5-52       | 07704 .....      | 10-4             |
| 07251 .....      | 5-48, 5-52       | 07705 .....      | 5-4, 10-4, 11-4  |
| 07252 .....      | 5-48, 5-52       | 07706 .....      | 10-10            |
| 07253 .....      | 5-58             | 07707 .....      | 10-10, 11-10     |
| 07254 .....      | 5-58, 5-62       | 07708 .....      | 10-14            |
| 07255 .....      | 5-58             | 07710 .....      | 10-12, 11-12     |
| 07259 .....      | 7-6              | 07712 .....      | 10-16            |
| 07274 .....      | 5-58             | 07713 .....      | 10-16            |
| 07280 .....      | 5-58             | 07714 .....      | 10-14            |
| 07282 .....      | 5-58             | 07715-00805 .... | 12-22            |
| 07296 .....      | 6-4              | 07715-03205 .... | 12-22            |
| 07298 .....      | 6-4              | 07715-03213 .... | 12-8             |
| 07299 .....      | 6-4              | 07764 .....      | 5-4, 10-18       |
| 07302 .....      | 5-54             | 07770 .....      | 10-18            |
| 07328 .....      | 5-4, 5-48        | 07799 .....      | 12-28            |
| 07329 .....      | 5-48             | 07871 .....      | 8-34             |
| 07341 .....      | 5-48             | 07874 .....      | 5-74             |
| 07351 .....      | 8-18             | 07875 .....      | 6-6              |
| 07362 .....      | 5-63             | 07885 .....      | 5-74             |

## CROSS REFERENCE

| Part Number | Page Number                          |
|-------------|--------------------------------------|
| 08007       | 8-42, 8-43                           |
| 08008       | 8-42                                 |
| 08013N      | 5-6                                  |
| 08017       | 5-6, 8-42, 8-43                      |
| 08046       | 8-6                                  |
| 08048       | 8-6                                  |
| 08050       | 8-6                                  |
| 08103-06205 | 12-22                                |
| 08107       | 5-26                                 |
| 08121-06002 | 12-16                                |
| 08153-06205 | 12-22                                |
| 08165       | 5-50                                 |
| 08182       | 8-46                                 |
| 08317       | 8-17                                 |
| 08708       | 8-48                                 |
| 08873       | 6-6                                  |
| 08892       | 5-24                                 |
| 09342       | 5-8                                  |
| 09550-00001 | 12-16                                |
| 09600N      | 5-6                                  |
| 09600P      | 5-6                                  |
| 09758       | 5-26                                 |
| 09832       | 5-14                                 |
| 09893       | 5-48, 5-59                           |
| 10075       | 11-12                                |
| 10120       | 7-6                                  |
| 10143       | 5-37                                 |
| 10144       | 8-31                                 |
| 10403       | 10-16                                |
| 10464       | 8-8, 8-22                            |
| 10552       | 5-26, 6-4                            |
| 10632       | 8-46, 8-50                           |
| 10632-1     | 5-22                                 |
| 10632-2     | 5-76, 8-4, 8-12, 8-13,<br>8-14, 8-15 |
| 10632-3     | 8-48, 8-50                           |
| 10632-4     | 5-77, 7-6, 7-18, 8-24                |
| 10632-11    | 5-50, 7-6                            |
| 10632-19    | 5-22                                 |
| 10632-20    | 8-16                                 |
| 10701       | 8-4                                  |
| 10712K      | 5-6                                  |
| 10790       | 10-12                                |
| 10791       | 10-12                                |
| 10792       | 10-4                                 |
| 10795       | 10-4                                 |
| 10802       | 10-18                                |
| 10803       | 10-18                                |
| 10804       | 10-18                                |
| 10805       | 10-18                                |
| 10806       | 11-12, 11-18                         |
| 10851       | 12-27                                |
| 10859       | 5-38                                 |
| 10862       | 5-36                                 |
| 10865       | 5-38                                 |
| 10867       | 5-34                                 |
| 10868       | 5-38                                 |
| 10869       | 5-34                                 |
| 10870       | 5-34                                 |
| 10871       | 7-4                                  |

| Part Number  | Page Number           |
|--------------|-----------------------|
| 10872        | 7-4                   |
| 10873        | 5-8                   |
| 10874        | 5-54                  |
| 10877        | 5-36                  |
| 10880        | 5-38                  |
| 10885        | 6-13                  |
| 10889        | 5-36                  |
| 10891        | 5-36                  |
| 11048        | 8-26                  |
| 11398        | 8-22                  |
| 11442-1      | 5-56, 5-60            |
| 11442-3      | 8-24                  |
| 11516        | 8-8                   |
| 11531        | 5-10, 5-14, 6-8, 8-26 |
| 11860        | 5-6                   |
| 11861        | 5-6                   |
| 11862        | 5-6                   |
| 11863        | 5-6                   |
| 11864        | 5-6                   |
| 11893        | 5-54, 5-56, 8-6, 8-8  |
| 11915        | 8-18                  |
| 11918        | 8-18                  |
| 11924        | 8-18                  |
| 11925        | 8-18                  |
| 11938        | 8-18                  |
| 11939        | 8-18                  |
| 11951        | 8-18                  |
| 11952        | 5-4, 8-18             |
| 11956        | 5-4, 8-18             |
| 11957        | 5-4, 8-18             |
| 11958        | 8-18                  |
| 11959        | 8-18                  |
| 11961        | 8-18                  |
| 11984        | 5-59                  |
| 11989        | 5-10                  |
| 12005        | 8-18                  |
| 12008        | 8-18                  |
| 12039        | 8-4                   |
| 12046        | 8-24                  |
| 12047        | 8-24                  |
| 12770        | 8-24                  |
| 12793        | 12-7                  |
| 12795        | 12-27                 |
| 12797        | 12-16                 |
| 12798        | 12-16                 |
| 12878        | 8-26                  |
| 12940        | 5-36                  |
| 12962        | 5-20                  |
| 13015        | 8-36                  |
| 13016        | 8-36                  |
| 13105        | 5-24, 9-10            |
| 13106        | 5-32, 9-8             |
| 13151        | 5-32                  |
| 13248        | 5-14                  |
| 13352        | 8-34                  |
| 13534        | 5-32                  |
| 14111-4241-0 | 12-22                 |
| 14131        | 5-74, 6-6             |
| 14138A       | 5-22                  |
| 14174        | 5-24, 5-33, 7-14      |

| Part Number      | Page Number                          |
|------------------|--------------------------------------|
| 14242 .....      | 5-30, 7-8                            |
| 14311-6050-4 ... | 12-22                                |
| 14330 .....      | 8-22                                 |
| 14331 .....      | 8-22                                 |
| 14412-7311-0 ... | 12-4                                 |
| 14432 .....      | 5-63, 5-64                           |
| 14595-1 .....    | 5-26, 5-48, 5-71, 6-9,<br>7-12, 8-18 |
| 14601 .....      | 5-48, 5-52, 5-59, 6-9                |
| 14605 .....      | 5-26, 5-44, 5-48, 5-71,<br>6-9, 7-16 |
| 14878 .....      | 8-48                                 |
| 14895 .....      | 7-12                                 |
| 14971-4275-0 ... | 12-20                                |
| 15000-3608-0 ... | 12-7                                 |
| 15000-3618-0 ... | 12-27                                |
| 15000-3624-0 ... | 12-11                                |
| 15021-1424-0 ... | 12-12                                |
| 15021-3366-0 ... | 12-4, 12-14, 12-26                   |
| 15066 .....      | 8-4                                  |
| 15108-5728-0 ... | 12-25, 12-26                         |
| 15109-3366-0 ... | 12-6                                 |
| 15109-7336-0 ... | 12-27                                |
| 15121 .....      | 8-4                                  |
| 15121-5385-0 ... | 12-20                                |
| 15121-5386-0 ... | 12-20                                |
| 15121-7305-0 ... | 12-28                                |
| 15121-7362-0 ... | 12-28                                |
| 15201-9401-0 ... | 12-6                                 |
| 15221-0175-0 ... | 12-7                                 |
| 15221-0337-0 ... | 12-7                                 |
| 15221-0338-0 ... | 12-4                                 |
| 15221-0339-0 ... | 12-4                                 |
| 15221-0349-0 ... | 12-7                                 |
| 15221-0436-0 ... | 12-10                                |
| 15221-0482-0 ... | 12-10                                |
| 15221-1311-0 ... | 12-12                                |
| 15221-1312-0 ... | 12-12                                |
| 15221-1315-0 ... | 12-12                                |
| 15221-1324-0 ... | 12-12                                |
| 15221-1328-0 ... | 12-12                                |
| 15221-1333-0 ... | 12-12                                |
| 15221-1336-0 ... | 12-12                                |
| 15221-1358-0 ... | 12-7                                 |
| 15221-1418-0 ... | 12-12                                |
| 15221-1431-0 ... | 12-12                                |
| 15221-1435-0 ... | 12-12                                |
| 15221-1442-0 ... | 12-12                                |
| 15221-1443-0 ... | 12-12                                |
| 15221-1511-0 ... | 12-18                                |
| 15221-1555-0 ... | 12-18                                |
| 15221-1627-0 ... | 12-18                                |
| 15221-1632-0 ... | 12-22                                |
| 15221-2133-0 ... | 12-16                                |
| 15221-2198-0 ... | 12-16                                |
| 15221-2331-0 ... | 12-16                                |
| 15221-2336-0 ... | 12-16                                |
| 15221-2338-0 ... | 12-16                                |
| 15221-2347-0 ... | 12-16                                |
| 15221-2348-0 ... | 12-16                                |

| Part Number      | Page Number |
|------------------|-------------|
| 15221-2401-0 ... | 12-18       |
| 15221-2413-0 ... | 12-16       |
| 15221-2425-0 ... | 12-18       |
| 15221-2432-0 ... | 12-18       |
| 15221-2498-0 ... | 12-18       |
| 15221-3314-0 ... | 12-14       |
| 15221-3361-0 ... | 12-4        |
| 15221-3363-0 ... | 12-16       |
| 15221-3365-0 ... | 12-4        |
| 15221-3370-0 ... | 12-4        |
| 15221-3375-0 ... | 12-6        |
| 15221-3515-0 ... | 12-4        |
| 15221-3567-0 ... | 12-4        |
| 15221-3568-0 ... | 12-4        |
| 15221-4251-0 ... | 12-20       |
| 15221-5166-0 ... | 12-26       |
| 15221-5371-0 ... | 12-20       |
| 15221-5372-0 ... | 12-20       |
| 15221-5545-0 ... | 12-22       |
| 15221-5547-0 ... | 12-22       |
| 15221-5569-0 ... | 12-22       |
| 15221-5574-0 ... | 12-22       |
| 15221-5628-0 ... | 12-8        |
| 15221-5721-0 ... | 12-25       |
| 15221-6382-0 ... | 12-19       |
| 15221-6619-0 ... | 12-14       |
| 15221-6628-0 ... | 12-14       |
| 15221-6635-0 ... | 12-14       |
| 15221-6636-0 ... | 12-14       |
| 15221-6641-0 ... | 12-14       |
| 15221-6663-0 ... | 12-14       |
| 15221-6664-0 ... | 12-14       |
| 15221-8813-0 ... | 12-8        |
| 15221-8821-0 ... | 12-8, 12-25 |
| 15221-9153-0 ... | 12-11       |
| 15222-8821-0 ... | 12-7        |
| 15223-8334-0 ... | 12-8        |
| 15225-1619-0 ... | 12-26       |
| 15225-1621-0 ... | 12-26       |
| 15241-3695-0 ... | 12-8        |
| 15261-9601-0 ... | 12-7        |
| 15271-5300-0 ... | 12-20       |
| 15271-5302-0 ... | 12-20       |
| 15280-1 .....    | 5-68        |
| 15280-3 .....    | 5-66        |
| 15280-3 .....    | 5-68        |
| 15291-0456-0 ... | 12-10       |
| 15291-7316-0 ... | 12-4        |
| 15321-1405-0 ... | 12-12       |
| 15321-2516-0 ... | 12-19       |
| 15321-2517-0 ... | 12-19       |
| 15321-3501-0 ... | 12-4        |
| 15321-5211-0 ... | 12-22       |
| 15321-5373-0 ... | 12-20       |
| 15321-6442-0 ... | 12-27       |
| 15321-7301-0 ... | 12-27       |
| 15321-7326-0 ... | 12-27       |
| 15321-7327-0 ... | 12-27       |
| 15321-7334-0 ... | 12-27       |
| 15321-7351-0 ... | 12-28       |

## CROSS REFERENCE

| Part Number      | Page Number  | Part Number      | Page Number                      |
|------------------|--------------|------------------|----------------------------------|
| 15321-7428-0 ... | 12-16        | 15521-3229-0 ... | 12-8                             |
| 15324-0161-3 ... | 12-6         | 15521-3243-0 ... | 12-8                             |
| 15331-2501-0 ... | 12-19        | 15521-3363-0 ... | 12-8                             |
| 15341-0162-0 ... | 12-6         | 15521-3693-0 ... | 12-8                             |
| 15348-0460-0 ... | 12-19        | 15521-5101-0 ... | 12-22                            |
| 15371-1237-0 ... | 12-11        | 15521-5165-0 ... | 12-26                            |
| 15401-0558-0 ... | 12-14        | 15521-5211-0 ... | 12-22                            |
| 15401-3211-0 ... | 12-6         | 15521-5409-0 ... | 12-26                            |
| 15401-5115-0 ... | 12-22        | 15521-5410-0 ... | 12-26                            |
| 15401-6308-0 ... | 12-29        | 15521-5427-0 ... | 12-26                            |
| 15401-6327-0 ... | 12-29        | 15521-5565-0 ... | 12-22                            |
| 15401-6332-0 ... | 12-29        | 15521-5711-0 ... | 12-25                            |
| 15401-6338-0 ... | 12-29        | 15521-5770-0 ... | 12-26                            |
| 15401-6339-0 ... | 12-29        | 15521-6302-0 ... | 12-29                            |
| 15401-6556-0 ... | 12-20        | 15521-6303-0 ... | 12-29                            |
| 15401-9201-0 ... | 12-26        | 15521-6304-0 ... | 12-29                            |
| 15401-9331-0 ... | 12-29        | 15521-6326-0 ... | 12-29                            |
| 15401-9666-0 ... | 12-29        | 15521-6551-0 ... | 12-20                            |
| 15418-3641-1 ... | 12-6         | 15521-6604-0 ... | 12-14                            |
| 15418-3642-1 ... | 12-6         | 15521-7291-0 ... | 12-27                            |
| 15451-9233-0 ... | 12-14        | 15521-7292-0 ... | 12-27                            |
| 15451-9713-0 ... | 12-29        | 15521-7303-0 ... | 12-28                            |
| 15461-63011 ...  | 12-19, 12-29 | 15521-7332-0 ... | 12-8                             |
| 15469-5715-0 ... | 12-25        | 15521-7333-0 ... | 12-8                             |
| 15471-2201-0 ... | 12-16        | 15521-7334-0 ... | 12-27                            |
| 15471-2231-0 ... | 12-16        | 15521-7343-0 ... | 12-28                            |
| 15501-1176-0 ... | 12-11        | 15521-7352-0 ... | 12-28                            |
| 15521-0231-0 ... | 12-4         | 15521-7355-0 ... | 12-28                            |
| 15521-0304-0 ... | 12-7         | 15521-7425-0 ... | 12-28                            |
| 15521-0331-0 ... | 12-7         | 15521-9101-0 ... | 12-8                             |
| 15521-0332-0 ... | 12-7         | 15521-9102-0 ... | 12-8                             |
| 15521-0402-0 ... | 12-8         | 15521-9149-0 ... | 12-7                             |
| 15521-0405-0 ... | 12-10        | 15521-9150-0 ... | 12-12                            |
| 15521-0406-0 ... | 12-10        | 15521-9233-0 ... | 12-26                            |
| 15521-0413-0 ... | 12-8         | 15521-9331-0 ... | 12-14                            |
| 15521-0454-0 ... | 12-10        | 15521-9361-0 ... | 12-18                            |
| 15521-0514-0 ... | 12-14        | 15521-9401-0 ... | 12-10                            |
| 15521-0515-0 ... | 12-14        | 15521-9402-0 ... | 12-10                            |
| 15521-0537-0 ... | 12-14        | 15521-9481-0 ... | 12-28                            |
| 15521-0551-0 ... | 12-14        | 15521-9602-0 ... | 12-4                             |
| 15521-0555-0 ... | 12-14        | 15521-9603-0 ... | 12-4                             |
| 15521-0567-0 ... | 12-14        | 15555 .....      | 6-6                              |
| 15521-1182-0 ... | 12-11        | 15595-2301-0 ... | 12-16                            |
| 15521-1231-0 ... | 12-11        | 15601-1356-0 ... | 12-7                             |
| 15521-1235-0 ... | 12-11        | 15601-1403-0 ... | 12-12                            |
| 15521-1423-0 ... | 12-12        | 15601-5412-0 ... | 12-25                            |
| 15521-1451-0 ... | 12-14        | 15601-5422-0 ... | 12-25                            |
| 15521-1452-0 ... | 12-14        | 15601-5442-0 ... | 12-25                            |
| 15521-1601-0 ... | 12-18        | 15601-9201-0 ... | 12-25                            |
| 15521-1602-0 ... | 12-22        | 15601-9665-0 ... | 12-25                            |
| 15521-1615-0 ... | 12-18        | 15611-5751-0 ... | 12-26                            |
| 15521-1617-0 ... | 12-22        | 15611-5772-0 ... | 12-26                            |
| 15521-1651-0 ... | 12-18        | 15611-5774-0 ... | 12-26                            |
| 15521-2105-0 ... | 12-16        | 16082 .....      | 5-24                             |
| 15521-2131-0 ... | 12-16        | 16456 .....      | 5-22                             |
| 15521-2214-0 ... | 12-16        | 16564 .....      | 5-59, 6-6                        |
| 15521-2353-0 ... | 12-16        | 16694 .....      | 9-10, 9-11                       |
| 15521-2411-0 ... | 12-16        | 16695 .....      | 9-8, 9-9, 9-10, 9-11, 9-13, 9-14 |
| 15521-2436-0 ... | 12-18        | 16735 .....      | 5-50, 5-70                       |
| 15521-2437-0 ... | 12-18        |                  |                                  |

| Part Number      | Page Number                 | Part Number    | Page Number                 |
|------------------|-----------------------------|----------------|-----------------------------|
| 16736 .....      | 5-66, 5-68                  | 23455-2 .....  | 5-22                        |
| 16738 .....      | 5-48, 5-52                  | 23484 .....    | 5-26                        |
| 16786 .....      | 5-8                         | 23498 .....    | 5-35, 7-4                   |
| 16931 .....      | 5-48, 5-59, 5-62, 6-8, 6-10 | 23503A .....   | 5-24                        |
| 17011-5362-0 ... | 12-20                       | 23536 .....    | 5-24                        |
| 17011-5738-0 ... | 12-25                       | 23542 .....    | 5-35                        |
| 17414 .....      | 5-48, 5-50, 5-59, 6-6       | 23580-2 .....  | 5-22                        |
| 17759 .....      | 5-58                        | 23583-2A ..... | 5-22                        |
| 18136 .....      | 7-6                         | 23683 .....    | 5-66                        |
| 19073 .....      | 5-70                        | 23693 .....    | 5-72, 5-73                  |
| 19171 .....      | 5-52                        | 23788 .....    | 5-22, 7-8, 7-11, 7-12, 7-13 |
| 19202-0341-0 ... | 12-7                        | 23788-1 .....  | 7-5, 7-8, 7-12              |
| 19202-0345-0 ... | 12-7                        | 23947 .....    | 8-4                         |
| 19202-0351-0 ... | 12-7                        | 24012 .....    | 5-72, 5-73                  |
| 19202-0404-0 ... | 12-10                       | 24012-1 .....  | 5-73                        |
| 19202-0446-0 ... | 12-10                       | 24013 .....    | 5-50                        |
| 19202-0481-0 ... | 12-10                       | 24047 .....    | 5-54, 5-56                  |
| 19202-2325-0 ... | 12-16                       | 24096 .....    | 5-18                        |
| 19202-2328-0 ... | 12-16                       | 24097 .....    | 5-18                        |
| 19202-2354-0 ... | 12-16                       | 24145 .....    | 8-29                        |
| 19202-3566-0 ... | 12-4                        | 24147 .....    | 8-29                        |
| 19205 .....      | 5-4, 11-12                  | 24149 .....    | 8-29                        |
| 19212-6307-0 ... | 12-29                       | 24207 .....    | 5-24                        |
| 19212-9667-0 ... | 12-29                       | 24259A .....   | 8-29                        |
| 19231-8731-0 ... | 12-14                       | 24339 .....    | 5-30, 5-33, 8-22            |
| 19252 .....      | 5-70                        | 24507 .....    | 8-41                        |
| 19271-0101-0 ... | 12-4                        | 24622 .....    | 6-4                         |
| 19271-8711-0 ... | 12-14                       | 24704 .....    | 8-8                         |
| 19274-2111-0 ... | 12-16                       | 24705 .....    | 8-8                         |
| 19531 .....      | 5-70                        | 24706 .....    | 8-10                        |
| 19636 .....      | 5-40                        | 24721 .....    | 8-8                         |
| 19689 .....      | 5-50                        | 24724 .....    | 8-8                         |
| 19760 .....      | 5-56                        | 24728 .....    | 8-10                        |
| 19827 .....      | 5-76                        | 24729 .....    | 8-8                         |
| 20021 .....      | 5-26                        | 24737 .....    | 8-8                         |
| 20050 .....      | 5-32                        | 24741 .....    | 5-6, 8-8                    |
| 20160 .....      | 8-22, 8-26                  | 24743 .....    | 8-8, 8-22                   |
| 20215 .....      | 8-26                        | 24767 .....    | 8-10                        |
| 20536-1 .....    | 5-54, 5-56                  | 24769 .....    | 8-8                         |
| 21097 .....      | 8-6, 8-8                    | 24776 .....    | 8-8                         |
| 22297 .....      | 8-18                        | 24787 .....    | 8-8                         |
| 22308 .....      | 5-60                        | 24928 .....    | 8-40                        |
| 22308-3 .....    | 5-54, 5-56                  | 24928-1 .....  | 8-40                        |
| 22383 .....      | 5-48, 5-52                  | 24976 .....    | 5-63, 5-74, 6-6             |
| 23138 .....      | 5-22, 7-8                   | 24988 .....    | 5-30                        |
| 23145 .....      | 7-8                         | 24989 .....    | 5-30                        |
| 23191 .....      | 5-24, 7-13, 8-8             | 24992 .....    | 5-26                        |
| 23272 .....      | 5-26                        | 25143 .....    | 5-75                        |
| 23275 .....      | 5-4, 5-8                    | 25146 .....    | 5-8                         |
| 23280-2 .....    | 5-26                        | 25162 .....    | 5-75                        |
| 23293 .....      | 5-24                        | 25197A .....   | 5-26                        |
| 23294 .....      | 5-24                        | 25312 .....    | 8-37                        |
| 23306-1 .....    | 5-24, 5-33                  | 25314 .....    | 5-43                        |
| 23307-1 .....    | 5-24, 5-33                  | 25885 .....    | 5-20                        |
| 23315-2 .....    | 5-28                        | 25887 .....    | 5-32                        |
| 23382 .....      | 5-4, 5-8, 7-4               | 26065 .....    | 8-22, 8-26                  |
| 23384-2 .....    | 5-4, 5-8, 7-4               | 26156 .....    | 5-24, 5-33, 5-44, 7-16,     |
| 23386 .....      | 5-4, 5-8                    |                | 8-22                        |
| 23452-2 .....    | 5-22                        | 26395 .....    | 8-26                        |
| 23454-2 .....    | 5-22                        | 26395-1 .....  | 8-50                        |



# CROSS REFERENCE

| Part Number | Page Number                      |
|-------------|----------------------------------|
| 26395-2     | 7-6, 8-32                        |
| 26496       | 5-54, 5-56                       |
| 26565       | 5-71, 8-26                       |
| 27048       | 5-54, 5-56, 5-59, 5-60           |
| 27787       | 8-8, 9-14                        |
| 27796       | 8-22, 9-13                       |
| 27800       | 5-32, 9-9                        |
| 28387       | 7-5                              |
| 28653       | 8-53                             |
| 28654       | 8-53                             |
| 28663       | 8-48                             |
| 28808       | 5-24, 9-11                       |
| 28835       | 9-8, 9-9, 9-10, 9-11, 9-13, 9-14 |
| 29233       | 5-10, 5-12                       |
| 29499       | 5-54, 5-56                       |
| 29557       | 8-18                             |
| 29585       | 5-6                              |
| 30013       | 5-44, 5-45                       |
| 30088       | 12-16                            |
| 30274       | 5-52                             |
| 30280       | 5-12                             |
| 30275       | 5-38                             |
| 30286       | 5-36                             |
| 30289       | 5-38                             |
| 30296       | 5-50                             |
| 30305       | 5-50                             |
| 30306       | 5-50                             |
| 30312       | 5-52, 5-60                       |
| 30316       | 5-50                             |
| 30318       | 5-52                             |
| 30320       | 5-52                             |
| 30321       | 5-52                             |
| 30322       | 5-60                             |
| 30324       | 5-52, 5-60                       |
| 30325       | 5-52                             |
| 30326       | 5-60                             |
| 30327       | 11-4                             |
| 30328       | 5-70                             |
| 30343       | 5-8                              |
| 30346       | 7-4                              |
| 30348       | 5-14                             |
| 30350       | 5-73                             |
| 30351       | 5-73                             |
| 30354       | 5-14                             |
| 30361       | 5-56                             |
| 30362       | 5-35                             |
| 30363       | 5-66                             |
| 30365       | 5-66                             |
| 30366       | 6-4                              |
| 30367       | 5-16                             |
| 30368       | 5-12                             |
| 30375       | 5-56                             |
| 30377       | 5-50                             |
| 30383       | 8-18                             |
| 30384       | 8-18                             |
| 30386       | 8-18                             |
| 30387       | 5-60                             |
| 30390       | 5-26                             |
| 30391       | 5-16                             |

| Part Number  | Page Number                              |
|--------------|------------------------------------------|
| 30393        | 5-50                                     |
| 30400        | 5-36                                     |
| 30434        | 5-70                                     |
| 30451        | 5-52                                     |
| 30458        | 5-62                                     |
| 30468        | 5-50                                     |
| 30518        | 8-43                                     |
| 30522        | 8-43                                     |
| 30523        | 8-43                                     |
| 30526        | 8-43                                     |
| 31220-1417-0 | 12-19                                    |
| 31220-1429-0 | 12-19                                    |
| 31301        | 8-6                                      |
| 31302        | 8-6                                      |
| 31354        | 9-9, 9-11, 9-14                          |
| 31362        | 9-14                                     |
| 31363        | 9-14                                     |
| 31374        | 9-9                                      |
| 31375        | 9-9                                      |
| 31380        | 9-9                                      |
| 31381        | 9-11                                     |
| 31383        | 9-9                                      |
| 31486        | 5-64                                     |
| 31490        | 5-14                                     |
| 31491        | 5-70                                     |
| 31511        | 5-64                                     |
| 31515        | 5-64                                     |
| 31516        | 5-50                                     |
| 31517        | 5-14                                     |
| 31518        | 5-14                                     |
| 31526        | 5-62                                     |
| 31531        | 5-12                                     |
| 31534        | 5-62                                     |
| 31541        | 5-14                                     |
| 31542        | 5-52, 5-60                               |
| 31543        | 5-50, 5-60                               |
| 31550        | 5-52                                     |
| 31646        | 8-22                                     |
| 31648        | 5-12                                     |
| 31712        | 5-35                                     |
| 31728        | 5-52, 5-60                               |
| 31745        | 5-4                                      |
| 31746        | 5-4                                      |
| 31761        | 5-70                                     |
| 31964        | 8-28                                     |
| 31965        | 8-12, 8-13, 8-14, 8-15, 8-16, 8-17, 8-28 |
| 31965        | 8-52                                     |
| 31970        | 8-52                                     |
| 31996        | 8-46                                     |
| 31997        | 8-48                                     |
| 31998        | 8-46                                     |
| 31999        | 8-46                                     |
| 32003        | 8-46                                     |
| 32004        | 8-46                                     |
| 32005        | 8-46                                     |
| 32006        | 8-46                                     |
| 32007        | 8-46                                     |
| 32008        | 8-46                                     |
| 32009        | 8-46                                     |

| Part Number      | Page Number           |
|------------------|-----------------------|
| 32010 .....      | 8-46                  |
| 32011 .....      | 8-50                  |
| 32015 .....      | 8-46                  |
| 32022 .....      | 8-48                  |
| 32024 .....      | 8-48                  |
| 32025 .....      | 8-48                  |
| 32028 .....      | 8-48                  |
| 32045 .....      | 8-44                  |
| 32048 .....      | 8-48                  |
| 32049 .....      | 8-48                  |
| 32080 .....      | 8-50                  |
| 32081 .....      | 8-48                  |
| 32082 .....      | 8-46                  |
| 32086 .....      | 8-46                  |
| 32089 .....      | 8-52                  |
| 32090 .....      | 8-52                  |
| 32091 .....      | 8-48                  |
| 32107 .....      | 8-44                  |
| 32125 .....      | 7-8                   |
| 32126 .....      | 8-22                  |
| 32135 .....      | 8-44                  |
| 32137 .....      | 8-44                  |
| 32138 .....      | 8-44                  |
| 32139 .....      | 8-48                  |
| 32143 .....      | 8-48                  |
| 32145 .....      | 8-46                  |
| 32146 .....      | 8-46                  |
| 32148 .....      | 8-44                  |
| 32152 .....      | 8-50                  |
| 32162 .....      | 8-8                   |
| 32169 .....      | 8-50                  |
| 32180 .....      | 8-6                   |
| 32210-3479-0 ... | 12-11                 |
| 32214 .....      | 8-50                  |
| 32219 .....      | 8-50                  |
| 32225 .....      | 8-53                  |
| 32228 .....      | 8-46                  |
| 32260 .....      | 8-44                  |
| 32261 .....      | 8-44                  |
| 32262 .....      | 8-44                  |
| 32263 .....      | 8-44                  |
| 32266 .....      | 8-46                  |
| 32269 .....      | 8-44                  |
| 32270 .....      | 5-8                   |
| 32273 .....      | 8-46                  |
| 32282 .....      | 7-12                  |
| 32287 .....      | 8-46                  |
| 32288 .....      | 8-46                  |
| 32981 .....      | 8-44, 8-50            |
| 32983 .....      | 8-44                  |
| 32321 .....      | 8-10                  |
| 32397-1 .....    | 5-4                   |
| 32448 .....      | 7-6                   |
| 32449 .....      | 8-26                  |
| 32486 .....      | 7-5                   |
| 32492 .....      | 5-58, 5-68, 5-70, 7-5 |
| 32494 .....      | 8-10                  |
| 32495 .....      | 7-12                  |
| 32550 .....      | 5-40                  |
| 32677 .....      | 8-26                  |

| Part Number      | Page Number                     |
|------------------|---------------------------------|
| 32683 .....      | 8-26                            |
| 32685 .....      | 8-26                            |
| 32759 .....      | 7-16                            |
| 32827 .....      | 5-76                            |
| 32885 .....      | 5-8                             |
| 32886 .....      | 5-8                             |
| 32941 .....      | 5-22, 7-11                      |
| 32942 .....      | 5-22                            |
| 32969 .....      | 8-6                             |
| 33329 .....      | 5-72, 5-73                      |
| 33330 .....      | 5-72                            |
| 33333 .....      | 5-72, 5-73                      |
| 33523 .....      | 7-12                            |
| 33541 .....      | 7-8                             |
| 33555 .....      | 5-54, 5-60                      |
| 33563 .....      | 7-12                            |
| 33565 .....      | 7-12                            |
| 33568 .....      | 7-12                            |
| 33579 .....      | 9-7                             |
| 33580 .....      | 9-7                             |
| 33671 .....      | 5-37                            |
| 33691 .....      | 5-68                            |
| 33692 .....      | 5-68                            |
| 33694 .....      | 9-7                             |
| 33760 .....      | 5-8                             |
| 33762 .....      | 5-8                             |
| 33763 .....      | 7-12                            |
| 33796 .....      | 6-11                            |
| 33797 .....      | 5-47                            |
| 33798 .....      | 8-22                            |
| 33806 .....      | 8-4                             |
| 33816 .....      | 5-26                            |
| 33862 .....      | 8-8                             |
| 34072 .....      | 5-50                            |
| 34150-3786-0 ... | 12-26                           |
| 34172 .....      | 9-14                            |
| 34174 .....      | 9-8, 9-10                       |
| 34175 .....      | 9-11                            |
| 34176 .....      | 9-8, 9-10, 9-11, 9-13           |
| 34177 .....      | 9-8, 9-13                       |
| 34196 .....      | 5-8                             |
| 34258 .....      | 5-74                            |
| 34292 .....      | 5-8                             |
| 34319 .....      | 7-16, 9-16                      |
| 34323 .....      | 5-10, 5-12, 5-35                |
| 34356 .....      | 8-22                            |
| 34359 .....      | 7-8                             |
| 34410 .....      | 7-8                             |
| 34413 .....      | 8-22                            |
| 34414 .....      | 5-47                            |
| 34738 .....      | 5-16, 5-18, 7-10, 8-44,<br>8-50 |
| 34805-S8 .....   | 10-8, 10-12, 11-8, 11-12        |
| 34820 .....      | 8-52                            |
| 34868 .....      | 5-77, 7-18                      |
| 35515 .....      | 7-11                            |
| 35526 .....      | 7-5                             |
| 35527 .....      | 7-12                            |
| 35533 .....      | 7-12                            |
| 35540 .....      | 7-5                             |

## CROSS REFERENCE

| Part Number   | Page Number |
|---------------|-------------|
| 35561 .....   | 7-8         |
| 35586 .....   | 5-44, 7-16  |
| 35591 .....   | 7-12        |
| 35593 .....   | 7-14        |
| 35595 .....   | 7-8         |
| 35607 .....   | 5-4, 7-6    |
| 35614 .....   | 7-8         |
| 35615 .....   | 7-8         |
| 35618 .....   | 5-28        |
| 35620-1 ..... | 7-8         |
| 35621-1 ..... | 7-8         |
| 35630 .....   | 7-8         |
| 35631 .....   | 7-8         |
| 35631-1 ..... | 7-8         |
| 35636 .....   | 7-8         |
| 35640 .....   | 7-8         |
| 35665 .....   | 7-8         |
| 35666 .....   | 7-8         |
| 35668 .....   | 7-8         |
| 35669 .....   | 7-5         |
| 35677 .....   | 5-32        |
| 35686 .....   | 7-8         |
| 35688 .....   | 5-22, 7-8   |
| 35973 .....   | 5-32        |
| 36077 .....   | 8-18        |
| 36253 .....   | 11-18       |
| 36254 .....   | 11-18       |
| 36257 .....   | 11-10       |
| 36258 .....   | 11-15       |
| 36259 .....   | 11-10       |
| 36262 .....   | 11-10       |
| 36263 .....   | 11-6        |
| 36264 .....   | 11-6        |
| 36265 .....   | 11-4, 11-6  |
| 36267 .....   | 11-6        |
| 36268 .....   | 11-6        |
| 36272 .....   | 11-6        |
| 36273 .....   | 11-6        |
| 36274 .....   | 11-6        |
| 36275 .....   | 11-6        |
| 36276 .....   | 11-6        |
| 36277 .....   | 11-6        |
| 36278 .....   | 11-6        |
| 36279 .....   | 11-4        |
| 36281 .....   | 11-4        |
| 36297 .....   | 11-4        |
| 36298 .....   | 11-4        |
| 36300 .....   | 11-4        |
| 36303 .....   | 11-4        |
| 36306 .....   | 11-4        |
| 36307 .....   | 11-4        |
| 36315 .....   | 11-4        |
| 36317 .....   | 11-4        |
| 36318 .....   | 11-4        |
| 36319 .....   | 11-4        |
| 36321 .....   | 11-4        |
| 36322 .....   | 11-10       |
| 36324 .....   | 11-4        |
| 36325 .....   | 11-4        |
| 36330 .....   | 11-4        |

| Part Number | Page Number         |
|-------------|---------------------|
| 36332 ..... | 11-15               |
| 36333 ..... | 11-15               |
| 36337 ..... | 11-15               |
| 36338 ..... | 11-15               |
| 36339 ..... | 11-15               |
| 36340 ..... | 11-8                |
| 36341 ..... | 11-8                |
| 36342 ..... | 11-8                |
| 36343 ..... | 11-8                |
| 36344 ..... | 11-8                |
| 36345 ..... | 11-8                |
| 36348 ..... | 11-8                |
| 36349 ..... | 11-8                |
| 36372 ..... | 11-8                |
| 36373 ..... | 11-8, 11-12         |
| 36374 ..... | 11-8                |
| 36375 ..... | 11-8                |
| 36381 ..... | 11-8                |
| 36382 ..... | 11-8                |
| 36383 ..... | 11-8                |
| 36384 ..... | 11-8                |
| 36389 ..... | 11-8                |
| 36390 ..... | 11-8                |
| 36402 ..... | 11-8                |
| 36405 ..... | 11-8                |
| 36406 ..... | 11-8                |
| 36407 ..... | 11-8                |
| 36408 ..... | 11-8                |
| 36409 ..... | 11-8                |
| 36410 ..... | 11-10               |
| 36411 ..... | 11-10               |
| 36412 ..... | 11-10               |
| 36413 ..... | 11-10               |
| 36414 ..... | 11-10               |
| 36415 ..... | 11-10               |
| 36416 ..... | 11-10               |
| 36418 ..... | 11-10               |
| 36419 ..... | 11-10               |
| 36421 ..... | 11-10               |
| 36422 ..... | 11-10               |
| 36423 ..... | 11-10               |
| 36424 ..... | 11-10               |
| 36429 ..... | 11-10               |
| 36430 ..... | 11-10               |
| 36431 ..... | 11-10, 11-12, 11-16 |
| 36432 ..... | 11-10               |
| 36433 ..... | 11-10               |
| 36445 ..... | 11-10               |
| 36450 ..... | 11-10               |
| 36451 ..... | 11-10               |
| 36452 ..... | 11-10               |
| 36453 ..... | 11-10               |
| 36454 ..... | 11-10               |
| 36463 ..... | 11-10               |
| 36467 ..... | 11-10               |
| 36469 ..... | 11-10               |
| 36483 ..... | 11-10               |
| 36493 ..... | 11-10               |
| 36590 ..... | 11-10               |
| 36591 ..... | 11-19               |

| Part Number | Page Number  |
|-------------|--------------|
| 36630 ..... | 11-19        |
| 36646 ..... | 11-19        |
| 36658 ..... | 5-20         |
| 36661 ..... | 5-20         |
| 36663 ..... | 5-20, 7-12   |
| 36665 ..... | 5-20         |
| 36666 ..... | 5-20         |
| 36748 ..... | 11-12        |
| 36764 ..... | 11-12        |
| 36765 ..... | 11-12        |
| 36776 ..... | 11-12        |
| 36780 ..... | 11-12        |
| 36867 ..... | 11-12        |
| 36881 ..... | 11-12        |
| 36904 ..... | 11-12        |
| 36923 ..... | 11-12        |
| 36924 ..... | 11-12        |
| 36958 ..... | 7-13         |
| 36972 ..... | 7-12         |
| 36984 ..... | 7-5          |
| 36993 ..... | 7-13         |
| 36994 ..... | 7-4          |
| 36996 ..... | 7-8          |
| 37014 ..... | 7-8          |
| 37015 ..... | 7-8          |
| 37016 ..... | 7-8          |
| 37021 ..... | 5-4, 7-6     |
| 37053 ..... | 11-12        |
| 37054 ..... | 5-4, 7-5     |
| 37055 ..... | 5-4, 7-5     |
| 37073 ..... | 7-5          |
| 37074 ..... | 7-5          |
| 37098 ..... | 11-12        |
| 37099 ..... | 11-12        |
| 37127 ..... | 11-12        |
| 37139 ..... | 7-8          |
| 37157 ..... | 11-12        |
| 37181 ..... | 11-10, 11-16 |
| 37188 ..... | 11-16        |
| 37189 ..... | 11-16        |
| 37193 ..... | 11-16        |
| 37194 ..... | 11-14        |
| 37195 ..... | 11-14        |
| 37196 ..... | 11-14        |
| 37198 ..... | 11-14        |
| 37199 ..... | 11-14        |
| 37306 ..... | 10-8, 11-8   |
| 37307 ..... | 10-8, 11-8   |
| 37312 ..... | 10-10        |
| 37316 ..... | 10-8, 11-8   |
| 37317 ..... | 10-8, 11-8   |
| 37321 ..... | 10-10, 11-10 |
| 37327 ..... | 10-16, 11-16 |
| 37337 ..... | 10-8, 11-8   |
| 37341 ..... | 10-12        |
| 37403 ..... | 10-12        |
| 37457 ..... | 9-4          |
| 37616 ..... | 9-7          |
| 37617 ..... | 9-8          |
| 37693 ..... | 10-8, 11-8   |

| Part Number   | Page Number            |
|---------------|------------------------|
| 37694 .....   | 10-8, 11-8             |
| 37695 .....   | 10-4                   |
| 37756 .....   | 9-7                    |
| 38034 .....   | 10-14                  |
| 38242 .....   | 10-8, 11-8             |
| 38245 .....   | 5-4                    |
| 38645 .....   | 9-13                   |
| 38957 .....   | 12-19, 12-29           |
| 39025 .....   | 11-17                  |
| 39026 .....   | 11-17                  |
| 39035 .....   | 11-17                  |
| 39038 .....   | 11-17                  |
| 39040 .....   | 11-17                  |
| 39041 .....   | 11-17                  |
| 39042 .....   | 11-17                  |
| 39043 .....   | 11-17                  |
| 39044 .....   | 11-17                  |
| 39045 .....   | 11-17                  |
| 39046 .....   | 5-4, 11-17             |
| 39047 .....   | 11-15                  |
| 39131 .....   | 12-16                  |
| 39210 .....   | 5-44, 7-16             |
| 39272 .....   | 8-36                   |
| 39274 .....   | 5-33                   |
| 39283 .....   | 5-62, 5-72             |
| 39284 .....   | 5-48, 5-58, 5-64       |
| 39311 .....   | 5-52, 5-60             |
| 39319 .....   | 5-20                   |
| 39330 .....   | 5-68                   |
| 39336 .....   | 8-26                   |
| 39349 .....   | 5-50                   |
| 39457 .....   | 5-71                   |
| 39527 .....   | 5-32, 9-8, 9-9         |
| 39780-1 ..... | 5-77, 7-18             |
| 39923 .....   | 5-77, 7-18             |
| 40081 .....   | 12-27                  |
| 40585 .....   | 5-74                   |
| 40607 .....   | 5-59, 5-77, 7-18       |
| 40670 .....   | 8-44                   |
| 40671 .....   | 8-44                   |
| 40678 .....   | 5-76, 8-24             |
| 40727 .....   | 5-32                   |
| 40755 .....   | 5-45                   |
| 40758 .....   | 8-8                    |
| 40823 .....   | 5-48                   |
| 41128 .....   | 5-10, 5-12             |
| 41177 .....   | 8-8                    |
| 41359 .....   | 5-48                   |
| 41361 .....   | 5-68, 5-70             |
| 41732 .....   | 8-44                   |
| 41984 .....   | 11-4                   |
| 42124 .....   | 8-32                   |
| 42196 .....   | 6-9                    |
| 42226 .....   | 5-35, 5-45             |
| 42260 .....   | 5-10, 5-12, 5-42, 5-43 |
| 43004 .....   | 8-26                   |
| 43005 .....   | 8-26                   |
| 43016 .....   | 8-24                   |
| 43030 .....   | 8-26                   |
| 43039 .....   | 8-24                   |

## CROSS REFERENCE

| Part Number  | Page Number                         | Part Number   | Page Number                           |
|--------------|-------------------------------------|---------------|---------------------------------------|
| 43056 .....  | 8-24                                | 44166 .....   | 8-32                                  |
| 43057 .....  | 8-24                                | 44681 .....   | 8-12, 8-14, 8-16                      |
| 43086 .....  | 8-22                                | 44681-1 ..... | 8-12, 8-14, 8-16                      |
| 43096 .....  | 8-22                                | 44681-2 ..... | 8-12, 8-14, 8-16                      |
| 43116 .....  | 8-22                                | 44868 .....   | 7-16                                  |
| 43148 .....  | 5-6, 8-22                           | 44869 .....   | 5-32, 5-35, 5-42, 5-47,<br>8-8, 8-22  |
| 43164 .....  | 8-22                                | 44961 .....   | 6-8, 8-46                             |
| 43170 .....  | 8-26                                | 45181 .....   | 8-48                                  |
| 43203 .....  | 8-26                                | 45481 .....   | 8-24                                  |
| 43204 .....  | 8-20                                | 45482 .....   | 8-50                                  |
| 43207 .....  | 8-26                                | 45484 .....   | 8-24                                  |
| 43242 .....  | 8-24                                | 45486 .....   | 8-24                                  |
| 43287 .....  | 8-24                                | 45487-1 ..... | 8-24                                  |
| 43290 .....  | 8-20                                | 45487-3 ..... | 8-24                                  |
| 43291 .....  | 8-20                                | 45487-4 ..... | 8-24                                  |
| 43294 .....  | 8-20                                | 45488 .....   | 8-24                                  |
| 43295 .....  | 8-20                                | 45528 .....   | 8-24                                  |
| 43299 .....  | 8-20                                | 45622 .....   | 9-7                                   |
| 43317 .....  | 8-20                                | 45623 .....   | 9-7                                   |
| 43346A ..... | 8-30                                | 45628 .....   | 9-8, 9-9, 9-10, 9-11, 9-14            |
| 43363 .....  | 8-26                                | 45779 .....   | 8-12, 8-13, 8-14, 8-15,<br>8-16, 8-17 |
| 43393 .....  | 5-6                                 | 45780 .....   | 5-76                                  |
| 43417 .....  | 5-6                                 | 45786 .....   | 5-30                                  |
| 43424 .....  | 5-6                                 | 45857 .....   | 5-4, 5-8                              |
| 43428 .....  | 5-6                                 | 45975 .....   | 6-13                                  |
| 43454 .....  | 5-77, 7-18                          | 46077 .....   | 5-18                                  |
| 43484 .....  | 5-6                                 | 46080 .....   | 5-4, 5-18                             |
| 43485 .....  | 5-6                                 | 46132 .....   | 5-22                                  |
| 43486 .....  | 5-6                                 | 46137 .....   | 5-22                                  |
| 43487 .....  | 5-6                                 | 46147 .....   | 5-22                                  |
| 43488 .....  | 5-6                                 | 46231 .....   | 5-54, 5-56                            |
| 43489 .....  | 5-6                                 | 46236 .....   | 5-20, 5-48, 5-74, 6-6,<br>8-24, 8-26  |
| 43490 .....  | 8-26                                | 46307 .....   | 5-8                                   |
| 43491 .....  | 8-22                                | 46311 .....   | 5-28                                  |
| 43497 .....  | 8-20                                | 46312 .....   | 5-28                                  |
| 43499 .....  | 8-20                                | 46313 .....   | 5-28                                  |
| 43500 .....  | 8-20                                | 46347 .....   | 5-24                                  |
| 43502 .....  | 8-22                                | 46390 .....   | 8-8, 8-22                             |
| 43505 .....  | 8-22                                | 46442 .....   | 8-22                                  |
| 43516A ..... | 8-24                                | 46443 .....   | 8-22                                  |
| 43549 .....  | 8-20                                | 46481 .....   | 5-46                                  |
| 43552 .....  | 8-26                                | 46567 .....   | 5-8, 8-8                              |
| 43553 .....  | 8-20                                | 46585 .....   | 7-5                                   |
| 43555 .....  | 8-26                                | 46595 .....   | 5-18                                  |
| 43592 .....  | 5-6, 8-22, 8-28                     | 46596 .....   | 5-18                                  |
| 43593 .....  | 5-6                                 | 46605 .....   | 8-22                                  |
| 43609 .....  | 8-26                                | 46642-1 ..... | 8-22                                  |
| 43611 .....  | 5-71                                | 46642-2 ..... | 8-22                                  |
| 43614 .....  | 8-26                                | 46688 .....   | 8-26                                  |
| 43615 .....  | 8-26                                | 46820 .....   | 8-46                                  |
| 43616 .....  | 8-26                                | 46847 .....   | 8-24                                  |
| 43652 .....  | 8-22                                | 46938 .....   | 8-37                                  |
| 43653 .....  | 8-22                                | 47010-1 ..... | 5-28                                  |
| 43680 .....  | 5-6                                 | 47010-2 ..... | 5-28                                  |
| 43708K ..... | 5-6                                 | 47010-3 ..... | 5-28                                  |
| 43708N ..... | 5-6                                 | 47010-4 ..... | 5-28                                  |
| 43708P ..... | 5-6                                 | 47010-5 ..... | 5-28                                  |
| 43844 .....  | 5-10, 5-12, 5-48, 5-52,<br>6-6, 6-8 |               |                                       |
| 44078 .....  | 6-12                                |               |                                       |

| Part Number | Page Number                                      |
|-------------|--------------------------------------------------|
| 47010-6     | 5-28                                             |
| 47010-7     | 5-28                                             |
| 47011       | 5-28                                             |
| 47037       | 5-4                                              |
| 47178-11    | 5-54, 5-56                                       |
| 47178-13    | 8-22                                             |
| 47178-2     | 5-18                                             |
| 47178-3     | 5-18                                             |
| 47280       | 8-6                                              |
| 47475       | 8-26                                             |
| 47477       | 8-6                                              |
| 47501       | 5-6                                              |
| 47508       | 5-24, 5-44                                       |
| 47525       | 8-11                                             |
| 47566       | 5-74, 6-6                                        |
| 47591       | 5-20, 8-34                                       |
| 47636       | 5-43                                             |
| 47692       | 5-16                                             |
| 47713-1     | 8-6                                              |
| 47713-2     | 8-6                                              |
| 47713-3     | 8-6                                              |
| 47714       | 8-6                                              |
| 47715       | 8-6                                              |
| 47719       | 5-30                                             |
| 47752       | 5-42, 5-43                                       |
| 47795-1     | 8-18, 8-24                                       |
| 47801       | 5-22, 5-30, 7-8                                  |
| 47974       | 8-26                                             |
| 48050-1     | 5-28                                             |
| 48060       | 5-4, 5-18                                        |
| 48062       | 5-24                                             |
| 48062-1     | 8-20                                             |
| 48252       | 8-4                                              |
| 48253       | 6-6                                              |
| 48267       | 5-74, 6-6                                        |
| 48663       | 5-30, 9-7                                        |
| 48927       | 7-6                                              |
| 48928       | 7-6                                              |
| 48930       | 7-5, 7-8                                         |
| 48951-1     | 7-12, 7-13                                       |
| 48988       | 5-22, 7-8                                        |
| 49225       | 5-30                                             |
| 49263       | 5-59, 5-60, 8-18                                 |
| 49266       | 5-52, 5-76, 8-4, 8-12,<br>8-13, 8-14, 8-15, 8-50 |
| 49282       | 8-24                                             |
| 49351-4     | 5-34                                             |
| 49681       | 5-66, 5-68                                       |
| 50332       | 5-52, 5-59                                       |
| 50332-1     | 5-48                                             |
| 50332-2     | 5-52                                             |
| 50335       | 5-48                                             |
| 50446       | 5-4, 7-4                                         |
| 50493       | 5-65, 5-66                                       |
| 50521       | 5-32                                             |
| 50525       | 8-34                                             |
| 50590       | 8-34                                             |
| 50850       | 6-6                                              |
| 50902       | 8-50                                             |
| 51109       | 5-26                                             |

| Part Number | Page Number           |
|-------------|-----------------------|
| 51176       | 5-58, 5-68, 5-70, 6-4 |
| 51321-3     | 5-14)                 |
| 51322       | 5-10, 5-12            |
| 51355       | 5-30                  |
| 51391       | 5-33                  |
| 51449       | 5-28                  |
| 51452       | 5-33                  |
| 51545       | 5-26                  |
| 51560-3     | 5-63, 5-64            |
| 51562       | 5-26                  |
| 51570       | 5-76                  |
| 51727       | 7-12, 8-18            |
| 51754       | 8-50                  |
| 51768A      | 7-4                   |
| 51787       | 5-16                  |
| 51805       | 5-48, 5-50, 6-4       |
| 51839       | 5-59, 5-60            |
| 51881       | 5-35                  |
| 52402       | 7-16                  |
| 52929       | 5-42, 5-43            |
| 53052       | 5-4, 5-8              |
| 53078       | 6-6                   |
| 53143       | 5-8                   |
| 53182       | 5-33                  |
| 53298       | 5-4, 5-8              |
| 53351A      | 5-65, 5-66            |
| 53352       | 5-65, 5-66            |
| 53368       | 8-26                  |
| 53386       | 5-68                  |
| 53400-1     | 5-54, 5-56            |
| 53400-4     | 5-54, 5-56            |
| 53461-1     | 5-4, 5-18             |
| 53461-2     | 5-4, 5-18             |
| 53462       | 5-18                  |
| 53465-2     | 5-8                   |
| 53481       | 5-28                  |
| 53489       | 5-4, 5-8              |
| 53531-2     | 5-68                  |
| 53640       | 5-30                  |
| 53697       | 5-18, 8-34            |
| 53758       | 5-4, 7-6              |
| 53816       | 8-41                  |
| 53817       | 8-41                  |
| 53818       | 5-30                  |
| 53819       | 5-30                  |
| 53819-1     | 5-30                  |
| 53819-2     | 5-30                  |
| 53848       | 8-11                  |
| 53876       | 5-33                  |
| 53899       | 7-14                  |
| 53906       | 5-4, 5-32             |
| 53907       | 7-14                  |
| 53974       | 5-4, 5-8              |
| 53985       | 5-32                  |
| 54009       | 8-32, 8-34            |
| 54012       | 8-32, 8-34            |
| 54121       | 5-20                  |
| 54159       | 5-28                  |
| 54230       | 5-48, 6-6             |
| 54274       | 5-14, 5-35            |

## CROSS REFERENCE

| Part Number    | Page Number                     |
|----------------|---------------------------------|
| 54275A .....   | 5-35                            |
| 54333 .....    | 5-50, 5-63, 5-64, 5-74,<br>8-24 |
| 54338-6 .....  | 5-4, 7-4                        |
| 54911-16 ..... | 5-68, 5-70                      |
| 54911-25 ..... | 5-50, 10-16                     |
| 54911-28 ..... | 5-48                            |
| 54911-31 ..... | 5-48                            |
| 54911-32 ..... | 5-14                            |
| 54912-8 .....  | 5-48                            |
| 54914 .....    | 5-58, 5-62                      |
| 54930 .....    | 5-59, 5-60                      |
| 54959 .....    | 5-58, 5-62                      |
| 55130 .....    | 5-20                            |
| 55150 .....    | 5-78                            |
| 55248 .....    | 5-76, 8-4, 8-12, 8-13, 8-48     |
| 55272 .....    | 5-76                            |
| 55274 .....    | 5-76                            |
| 55321 .....    | 8-4                             |
| 55322 .....    | 8-4                             |
| 55346 .....    | 8-4                             |
| 55347 .....    | 5-66, 5-68                      |
| 55349 .....    | 8-4                             |
| 55368 .....    | 8-4                             |
| 55369 .....    | 8-4                             |
| 55393 .....    | 8-4                             |
| 55394 .....    | 8-4                             |
| 55395 .....    | 8-4                             |
| 55396 .....    | 8-4                             |
| 55398 .....    | 8-4                             |
| 55429 .....    | 8-4                             |
| 55431 .....    | 8-4                             |
| 55556 .....    | 5-54, 5-56                      |
| 55586 .....    | 5-30, 5-32                      |
| 55619 .....    | 5-46                            |
| 55633 .....    | 5-54, 5-56                      |
| 55653 .....    | 5-54, 5-56                      |
| 55662 .....    | 7-13                            |
| 55667 .....    | 5-28                            |
| 55686 .....    | 5-42, 5-44, 7-16                |
| 55740 .....    | 5-4, 5-46                       |
| 55754 .....    | 8-4                             |
| 55756 .....    | 8-4                             |
| 55757 .....    | 8-4                             |
| 55758 .....    | 8-4                             |
| 55759 .....    | 8-4                             |
| 55761 .....    | 8-4                             |
| 55906 .....    | 9-4                             |
| 55922 .....    | 9-4                             |
| 55929 .....    | 9-4                             |
| 55930 .....    | 9-4                             |
| 55931 .....    | 9-4                             |
| 55932 .....    | 9-4                             |
| 55937 .....    | 9-4                             |
| 55939 .....    | 9-4                             |
| 55941 .....    | 9-4                             |
| 55975 .....    | 5-59, 5-60                      |
| 55998 .....    | 5-59, 5-60                      |
| 56058 .....    | 5-26                            |
| 56060 .....    | 5-26                            |

| Part Number  | Page Number                                                      |
|--------------|------------------------------------------------------------------|
| 56090 .....  | 8-24                                                             |
| 56092 .....  | 8-24                                                             |
| 56119 .....  | 8-24                                                             |
| 56489 .....  | 8-26                                                             |
| 56690 .....  | 5-43                                                             |
| 56692 .....  | 8-22                                                             |
| 56701 .....  | 8-50                                                             |
| 56799 .....  | 5-18                                                             |
| 56855 .....  | 5-66                                                             |
| 56855 .....  | 5-68                                                             |
| 56976A ..... | 5-54, 5-56                                                       |
| 57064 .....  | 9-6                                                              |
| 57186 .....  | 9-17                                                             |
| 57210 .....  | 9-4                                                              |
| 57220 .....  | 8-12, 8-13, 8-14, 8-15                                           |
| 57283 .....  | 9-13                                                             |
| 57298 .....  | 5-16                                                             |
| 57392 .....  | 5-48                                                             |
| 57542 .....  | 9-14                                                             |
| 57548 .....  | 10-16                                                            |
| 57568 .....  | 5-40                                                             |
| 57582 .....  | 5-40                                                             |
| 57746 .....  | 5-58                                                             |
| 57751 .....  | 5-16                                                             |
| 57772 .....  | 5-36                                                             |
| 57773 .....  | 5-68, 5-70                                                       |
| 57774 .....  | 5-48, 5-52                                                       |
| 57778 .....  | 5-37                                                             |
| 57803 .....  | 5-16                                                             |
| 57807 .....  | 5-36, 5-36, 8-12, 8-13,<br>8-14, 8-15, 8-16, 8-17,<br>8-28, 8-52 |
| 57875 .....  | 5-66, 5-68                                                       |
| 57925 .....  | 5-30                                                             |
| 57934 .....  | 5-48, 5-52                                                       |
| 57984 .....  | 5-24, 5-44                                                       |
| 57988 .....  | 5-47, 7-16                                                       |
| 57994 .....  | 5-42                                                             |
| 58120 .....  | 5-4, 5-63, 5-64, 6-15                                            |
| 58121 .....  | 5-4, 5-63, 5-64, 6-15                                            |
| 58122 .....  | 5-4, 10-12                                                       |
| 58279 .....  | 8-18                                                             |
| 58346 .....  | 5-63, 5-64                                                       |
| 58366 .....  | 5-10, 5-12, 5-42, 5-45                                           |
| 58395 .....  | 5-42                                                             |
| 58476 .....  | 5-20                                                             |
| 58482 .....  | 5-20                                                             |
| 58483 .....  | 5-20                                                             |
| 58494 .....  | 5-16                                                             |
| 58507 .....  | 10-18                                                            |
| 58507 .....  | 5-4                                                              |
| 58518 .....  | 8-13, 8-15, 8-17                                                 |
| 58519 .....  | 8-13, 8-15, 8-17                                                 |
| 58520 .....  | 8-13, 8-15, 8-17                                                 |
| 58538 .....  | 5-63, 5-64, 6-15                                                 |
| 58555 .....  | 5-58                                                             |
| 58592 .....  | 5-48, 5-50                                                       |
| 58670 .....  | 5-18                                                             |
| 58846 .....  | 5-52                                                             |
| 58974 .....  | 8-4                                                              |

| Part Number    | Page Number                                |
|----------------|--------------------------------------------|
| 59156 .....    | 8-18                                       |
| 59984 .....    | 5-38                                       |
| 60013 .....    | 5-4, 8-20                                  |
| 61110 .....    | 5-34, 5-36, 8-4                            |
| 62039 .....    | 8-4                                        |
| 62170-4 .....  | 8-24                                       |
| 62172 .....    | 5-44, 5-45, 8-46                           |
| 62173 .....    | 5-44, 5-45, 8-46                           |
| 62378 .....    | 5-10                                       |
| 62390 .....    | 5-45                                       |
| 62550 .....    | 5-44, 9-15                                 |
| 62595-11 ..... | 5-78                                       |
| 62595-2 .....  | 5-78                                       |
| 62615 .....    | 5-34                                       |
| 62797 .....    | 6-4                                        |
| 63030 .....    | 8-18                                       |
| 63147 .....    | 8-18                                       |
| 63810 .....    | 5-10, 5-50, 5-59, 5-60                     |
| 64533 .....    | 5-16                                       |
| 64595 .....    | 5-16                                       |
| 64903 .....    | 5-34                                       |
| 64991 .....    | 5-66, 5-68                                 |
| 65084-1 .....  | 5-47, 8-8, 8-22                            |
| 65084-2 .....  | 5-47, 8-22                                 |
| 65145-1 .....  | 5-42                                       |
| 67004 .....    | 8-21, 8-32, 8-34                           |
| 67555-S .....  | 10-18                                      |
| 67815 .....    | 5-71                                       |
| 68000 .....    | 5-71                                       |
| 68106 .....    | 5-48, 5-50, 5-54, 5-60,<br>5-74, 6-4, 8-18 |
| 68275 .....    | 5-10, 5-12                                 |
| 68598 .....    | 8-50                                       |
| 68853 .....    | 8-18                                       |
| 69173 .....    | 8-50                                       |
| 69207 .....    | 8-26                                       |
| 69266 .....    | 5-71                                       |
| 69459 .....    | 8-18                                       |
| 69462 .....    | 5-14, 5-65, 5-66                           |
| 69494-2 .....  | 6-9                                        |
| 69582 .....    | 5-26                                       |
| 72025-S7 ..... | 10-8, 11-8                                 |
| 72432-S .....  | 10-12, 11-12                               |
| 75118 .....    | 8-44                                       |
| 75365 .....    | 8-11                                       |
| 75423 .....    | 8-34                                       |
| 76316 .....    | 5-42, 5-43                                 |
| 76589-2 .....  | 5-50                                       |
| 76736 .....    | 5-68                                       |
| 77006 .....    | 5-47, 8-22                                 |
| 77097 .....    | 5-22, 5-35, 8-22                           |
| 77101 .....    | 5-35, 9-12                                 |
| 78122 .....    | 5-56                                       |
| 78143 .....    | 5-46                                       |
| 79273-4 .....  | 8-24                                       |
| 81458 .....    | 5-36                                       |
| 82046 .....    | 5-40                                       |
| 82049 .....    | 5-4                                        |
| 82054 .....    | 5-4                                        |
| 82059 .....    | 5-4                                        |

| Part Number | Page Number      |
|-------------|------------------|
| 82062 ..... | 8-14, 8-15       |
| 82063 ..... | 8-13, 8-15, 8-17 |
| 82064 ..... | 8-14             |
| 82066 ..... | 8-12             |
| 82068 ..... | 8-16             |
| 82070 ..... | 8-15             |
| 82072 ..... | 8-13             |
| 82074 ..... | 8-17             |
| 82079 ..... | 8-8              |
| 82081 ..... | 8-8              |
| 82082 ..... | 8-8              |
| 82084 ..... | 5-34             |
| 82092 ..... | 5-34             |
| 82125 ..... | 5-4              |
| 82125 ..... | 5-4, 5-8         |
| 82135 ..... | 5-24, 5-33       |
| 82138 ..... | 5-8, 7-4         |
| 82163 ..... | 5-4, 5-8         |
| 82164 ..... | 5-4, 5-8         |
| 82165 ..... | 5-4, 5-8         |
| 82168 ..... | 7-5              |
| 82169 ..... | 5-32             |
| 82171 ..... | 5-8              |
| 82176 ..... | 5-8              |
| 82180 ..... | 5-54, 5-56       |
| 82189 ..... | 5-8, 7-12, 7-13  |
| 82190 ..... | 5-8              |
| 82191 ..... | 5-22             |
| 82193 ..... | 7-4              |
| 82194 ..... | 7-8              |
| 82195 ..... | 8-39             |
| 82196 ..... | 8-39             |
| 82200 ..... | 8-12, 8-14, 8-16 |
| 82201 ..... | 5-28             |
| 82205 ..... | 5-42, 9-6        |
| 82210 ..... | 6-11             |
| 82215 ..... | 5-68             |
| 82219 ..... | 5-26             |
| 82225 ..... | 8-11             |
| 82226 ..... | 5-26             |
| 82227 ..... | 5-26             |
| 82229 ..... | 5-28             |
| 82230 ..... | 5-26             |
| 82232 ..... | 5-26             |
| 82234 ..... | 5-16             |
| 82238 ..... | 5-26             |
| 82240 ..... | 5-26             |
| 82244 ..... | 5-26             |
| 82245 ..... | 8-11             |
| 82254 ..... | 5-26             |
| 82255 ..... | 5-26             |
| 82257 ..... | 6-8              |
| 82258 ..... | 5-65, 5-66       |
| 82260 ..... | 5-66, 5-68       |
| 82262 ..... | 6-4              |
| 82268 ..... | 5-35             |
| 82270 ..... | 8-34             |
| 82272 ..... | 7-13             |
| 82273 ..... | 7-13             |
| 82275 ..... | 8-34             |



## CROSS REFERENCE

| Part Number | Page Number            |
|-------------|------------------------|
| 82280       | 8-34                   |
| 82283       | 8-34                   |
| 82284       | 8-34                   |
| 82288       | 8-34                   |
| 82292       | 8-34                   |
| 82294       | 5-16                   |
| 82295       | 5-16                   |
| 82296       | 8-32                   |
| 82297       | 8-32                   |
| 82299       | 5-36                   |
| 82300       | 5-10, 5-12             |
| 82310       | 5-10, 5-12             |
| 82311       | 5-10, 5-12             |
| 82313       | 5-10, 5-12             |
| 82314       | 5-10, 5-12             |
| 82315       | 5-10, 5-12, 8-32, 8-34 |
| 82316       | 5-10                   |
| 82319       | 5-16                   |
| 82320       | 5-10                   |
| 82321       | 5-10, 5-12             |
| 82324       | 5-16                   |
| 82333       | 9-6                    |
| 82334       | 5-16                   |
| 82338       | 5-16                   |
| 82340       | 5-54                   |
| 82343       | 5-10, 5-12             |
| 82346       | 5-10, 5-12             |
| 82348       | 5-16                   |
| 82350       | 5-16                   |
| 82351       | 5-16                   |
| 82352       | 5-16                   |
| 82353       | 5-34                   |
| 82354       | 5-34                   |
| 82360       | 5-34                   |
| 82362       | 5-34                   |
| 82363       | 5-34                   |
| 82365       | 5-34                   |
| 82368       | 5-35                   |
| 82375       | 8-32                   |
| 82376       | 8-32                   |
| 82377       | 5-16                   |
| 82378       | 5-16                   |
| 82379       | 5-16                   |
| 82380       | 8-39                   |
| 82381       | 8-39                   |
| 82382       | 8-39                   |
| 82385       | 5-34                   |
| 82386       | 5-35                   |
| 82393       | 7-4                    |
| 82394       | 7-4                    |
| 82396       | 5-35                   |
| 82414       | 8-32                   |
| 82415       | 5-4, 5-20              |
| 82416       | 5-4, 5-20              |
| 82419       | 8-32                   |
| 82421       | 7-6                    |
| 82423       | 7-6                    |
| 82424       | 5-4, 5-35              |
| 82425       | 7-4                    |
| 82437       | 8-32                   |

| Part Number | Page Number       |
|-------------|-------------------|
| 82439       | 8-32              |
| 82451       | 7-10              |
| 82452       | 5-20              |
| 82452       | 7-10              |
| 82453       | 5-20              |
| 82455       | 5-20              |
| 82457       | 5-20, 8-44        |
| 82458       | 8-32              |
| 82459       | 8-32              |
| 82460       | 5-20              |
| 82461       | 5-20              |
| 82465       | 5-20              |
| 82466       | 5-4, 5-18         |
| 82467       | 5-18              |
| 82468       | 5-18              |
| 82469       | 5-18              |
| 82471       | 5-20              |
| 82472       | 5-20              |
| 82475       | 5-20              |
| 82476       | 7-6               |
| 82477       | 7-6               |
| 82480       | 5-35              |
| 82483       | 7-6               |
| 82496       | 7-5               |
| 82500       | 7-6               |
| 82501       | 7-6               |
| 82504       | 5-20              |
| 82506       | 8-22              |
| 82512       | 6-6               |
| 82513       | 6-6               |
| 82514       | 5-20              |
| 82517       | 5-68, 5-70        |
| 82519       | 5-68              |
| 82520       | 5-68              |
| 82524       | 5-74              |
| 82525       | 5-4, 5-48, 5-52   |
| 82526       | 5-48, 5-52        |
| 82533       | 5-63, 5-64        |
| 82534       | 5-48              |
| 82537       | 5-58, 5-62, 12-28 |
| 82544       | 5-48, 5-52        |
| 82545       | 5-72, 5-73        |
| 82552       | 5-63              |
| 82555       | 5-63              |
| 82557       | 6-4               |
| 82563       | 6-9               |
| 82564       | 6-9               |
| 82565       | 6-4               |
| 82566       | 6-4               |
| 82567       | 6-4               |
| 82572       | 6-4, 6-8          |
| 82573       | 6-4, 6-6          |
| 82576       | 8-32              |
| 82579       | 6-4               |
| 82590       | 8-26              |
| 82595       | 5-76              |
| 82596       | 6-8               |
| 82597       | 6-9               |
| 82598       | 6-8               |
| 82599       | 8-24              |

| Part Number | Page Number                           |
|-------------|---------------------------------------|
| 82610 ..... | 7-8                                   |
| 82611 ..... | 7-8                                   |
| 82620 ..... | 5-47                                  |
| 82621 ..... | 5-47                                  |
| 82628 ..... | 6-10                                  |
| 82629 ..... | 6-10                                  |
| 82637 ..... | 5-76                                  |
| 82648 ..... | 8-22                                  |
| 82650 ..... | 6-6                                   |
| 82652 ..... | 8-38                                  |
| 82653 ..... | 6-8                                   |
| 82661 ..... | 5-10, 5-35, 5-35, 5-72,<br>5-73, 8-39 |
| 82662 ..... | 5-10                                  |
| 82669 ..... | 5-71                                  |
| 82676 ..... | 5-63, 5-64                            |
| 82677 ..... | 5-71, 6-9                             |
| 82681 ..... | 5-10                                  |
| 82685 ..... | 5-63, 5-64                            |
| 82686 ..... | 6-6                                   |
| 82688 ..... | 5-10, 5-14, 6-8                       |
| 82689 ..... | 6-6                                   |
| 82692 ..... | 5-4, 6-6                              |
| 82693 ..... | 5-4, 12-8                             |
| 82694 ..... | 5-10, 5-12, 6-8                       |
| 82696 ..... | 6-8                                   |
| 82697 ..... | 5-4, 10-18                            |
| 82699 ..... | 5-10, 5-12                            |
| 82707 ..... | 5-76                                  |
| 82708 ..... | 5-37                                  |
| 82709 ..... | 5-37                                  |
| 82712 ..... | 6-4                                   |
| 82715 ..... | 6-12                                  |
| 82716 ..... | 6-13                                  |
| 82723 ..... | 5-38                                  |
| 82725 ..... | 5-76                                  |
| 82727 ..... | 5-36                                  |
| 82729 ..... | 5-74, 6-6                             |
| 82733 ..... | 5-35                                  |
| 82735 ..... | 5-76                                  |
| 82738 ..... | 8-14, 8-15                            |
| 82739 ..... | 5-77, 7-18                            |
| 82740 ..... | 5-75                                  |
| 82741 ..... | 5-4                                   |
| 82747 ..... | 5-36                                  |
| 82748 ..... | 5-65, 5-66                            |
| 82754 ..... | 5-45, 9-17                            |
| 82757 ..... | 7-11, 9-19                            |
| 82762 ..... | 5-44, 7-16                            |
| 82764 ..... | 5-42                                  |
| 82767 ..... | 5-42                                  |
| 82768 ..... | 5-10                                  |
| 82776 ..... | 7-4                                   |
| 82779 ..... | 5-43                                  |
| 82780 ..... | 5-43                                  |
| 82784 ..... | 5-43                                  |
| 82793 ..... | 5-65, 5-66                            |
| 82795 ..... | 5-45                                  |
| 82797 ..... | 5-30                                  |
| 82798 ..... | 5-10, 5-12                            |

| Part Number      | Page Number       |
|------------------|-------------------|
| 82799 .....      | 5-4, 5-8          |
| 82802 .....      | 5-22              |
| 82803 .....      | 5-40              |
| 82804 .....      | 5-40              |
| 82805 .....      | 5-40              |
| 82806 .....      | 5-40              |
| 82808 .....      | 7-15              |
| 82809 .....      | 5-40              |
| 82810 .....      | 5-40              |
| 82814 .....      | 5-40              |
| 82815 .....      | 7-15              |
| 82816 .....      | 7-15              |
| 82817 .....      | 7-15              |
| 82819 .....      | 5-40              |
| 82821 .....      | 5-40              |
| 82822 .....      | 5-40              |
| 82823 .....      | 5-40              |
| 82826 .....      | 5-40              |
| 82829 .....      | 5-22, 5-24        |
| 82830 .....      | 5-40              |
| 82833 .....      | 5-40              |
| 82834 .....      | 7-15              |
| 82836 .....      | 5-65, 5-66        |
| 82837 .....      | 5-43              |
| 82838 .....      | 5-43              |
| 82839 .....      | 5-65, 5-66        |
| 82840 .....      | 5-40              |
| 82842 .....      | 5-42, 5-66, 5-68  |
| 82887 .....      | 8-24              |
| 82888 .....      | 8-26              |
| 82891 .....      | 8-26              |
| 82893 .....      | 8-22              |
| 82907 .....      | 8-4               |
| 82914 .....      | 8-4               |
| 82917 .....      | 8-4               |
| 82918 .....      | 5-47, 8-22        |
| 82921 .....      | 8-4               |
| 82922 .....      | 8-36              |
| 82924 .....      | 8-41              |
| 82939 .....      | 8-26              |
| 82941 .....      | 5-71              |
| 82949 .....      | 8-24              |
| 82957 .....      | 8-26              |
| 82958 .....      | 8-26              |
| 82959 .....      | 8-26              |
| 82964 .....      | 8-26              |
| 82967 .....      | 8-26              |
| 82978 .....      | 8-32              |
| 87056 .....      | 8-44              |
| 87298 .....      | 8-44              |
| 87579 .....      | 5-18, 8-44        |
| 87631 .....      | 5-32              |
| 87663 .....      | 9-10              |
| 87837-S .....    | 10-6, 10-14, 11-6 |
| 87865 .....      | 5-36              |
| 116106-ES10 .... | 10-8, 11-8        |
| 116336-ES100 ... | 10-10, 11-10      |
| 116682-ES .....  | 10-12, 11-12      |
| 118297-ES8 ....  | 10-4, 11-4        |
| 120907-ES8 ....  | 10-14             |

## CROSS REFERENCE

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| Part<br>Number      | Page<br>Number |
|---------------------|----------------|
| 353055-S7 . . . . . | 10-6, 11-6     |
| 377665-S7-8 . . . . | 10-14          |
| 388156-GS . . . . . | 10-22          |

## SECTION 14

## CONTENTS

|                                                                                                               | Page |
|---------------------------------------------------------------------------------------------------------------|------|
| TENNANT COMPANY LIMITED<br>WARRANTY .....                                                                     | 14-3 |
| TENNANT COMPANY, TENNANT<br>COMPANY SUBSIDIARIES, AND<br>MAJOR PARTS AND SERVICE<br>LOCATIONS DIRECTORY ..... | 14-5 |



# TENNANT COMPANY LIMITED WARRANTY

## NEW MACHINES

Tennant Company warrants to the original purchaser for the period stated below that goods manufactured by it will be free from defects of workmanship and material, provided such goods are installed, operated, and maintained in accordance with Tennant Company's written manuals or other instructions. No warranty is made with respect to items supplied by Tennant Company on special order of purchaser. Tennant Company's sole obligation under this Warranty will be to repair and replace, at Tennant Company's option, parts that do not conform to this Warranty.

### SIX-MONTH LABOR COVERAGE (U.S.A. AND CANADA ONLY)

For six (6) months in the U.S.A. or Canada, thirty (30) days elsewhere, from date of installation, Tennant Company will, at its option, provide labor for repair, pay for outside repair service, or pay the customer straight time in accordance with Tennant Company's flat rate schedule for particular warranty repairs. After six (6) months, Tennant Company's sole obligation shall be limited to the repair or replacement, at Tennant Company's option, of parts that do not conform to this Warranty according to the schedule below.

### BATTERIES AND TIRES

Batteries and tires will be replaced if failure occurs due to defective material or workmanship within ninety (90) days from date of purchase. Thereafter, a pro rata adjustment from date of purchase to twelve (12) months will be made. The pro rata adjustment price of the replacement battery and/or tire will be the Tennant Company current price as of the adjustment request less 1/12th of that price for each month remaining in the twelve (12) month period. This Warranty applies only to batteries and tires purchased from Tennant Company and installed in vehicles used in normal service.

### BRUSHES

Brushes that fail due to defective material or workmanship will be replaced on a pro rata basis within the first twelve (12) months of purchase. The replacement price will be calculated by multiplying the current Tennant Company price by the percentage of usable bristle remaining at the time of adjustment.

### MACHINE WARRANTY PERIOD

Tennant Company warrants its equipment for a set number of months or for a set number of hours of use, whichever comes first. The warranty periods and hours of use vary depending upon the machine model. The warranty periods for Tennant Company's various machines are:

#### SCARIFIERS

| Machine Model | Warranty Period     | Machine Model | Warranty Period     |
|---------------|---------------------|---------------|---------------------|
| G             | 12 months/500 hours | L2            | 12 months/500 hours |
| K4            | 12 months/500 hours | RS/TLR        | 12 months/500 hours |
| KDC           | 12 months/500 hours |               |                     |

#### SCRUBBERS

| Machine Model | Warranty Period            | Machine Model | Warranty Period      |
|---------------|----------------------------|---------------|----------------------|
| 465/480       | 24 months/750 hours        | 528           | 24 months/2000 hours |
| 1465/1480     | 24 months/750 hours        | 530E          | 24 months/2000 hours |
| 510E          | 24 months/2000 hours       |               | (except Duramer™     |
| solution      | (except Duramer™ solution  |               | and recovery tanks   |
|               | and recovery tanks, and    |               | 5 years/5000 hours)  |
|               | optional Pre-Sweep™ hopper | 550           | 12 months/1500 hours |
|               | 5 years/5000 hours)        | 550E          | 12 months/1500 hours |

#### SWEEPERS

| Machine Model | Warranty Period      | Machine Model | Warranty Period      |
|---------------|----------------------|---------------|----------------------|
| 95 GR         | 24 months/2000 hours | 235           | 24 months/1250 hours |
| 95            | 24 months/2000 hours |               | (except Duramer™     |
| hopper        |                      |               | 5 years/5000 hours)  |
| 140/140E      | 12 months/500 hours  |               |                      |
| 186           | 18 months/500 hours  | 255 Series II | 18 months/1500 hours |
| 215           | 18 months/750 hours  | 275 Series II | 24 months/2000 hours |
| 242E          | 24 months/1750 hours | 285           | 24 months/2000 hours |
|               |                      | 365           | 24 months/2000 hours |

## RECONDITIONED MACHINES

Tennant Company warrants to the purchaser of reconditioned equipment, purchased from Tennant Company, for the period of ninety (90) days from the date of delivery that the purchased equipment will be free from defects of workmanship and material, provided such equipment is operated and maintained according to Tennant Company written manuals or instructions. Tennant Company's sole obligation under this Warranty will be to repair and replace, at Tennant Company's option, parts that do not conform to this Warranty. No warranty of any kind is extended to equipment that is sold for salvage.

### LABOR COVERAGE

For thirty (30) days from date of delivery Tennant Company will, at its option, provide labor for repair, pay outside repair service, or pay the customer straight time in accordance with Tennant Company flat rate schedule for particular warranty repair. After thirty (30) days, Tennant Company's sole obligation shall be limited to the repair or replacement, at Tennant Company's option, of parts that do not conform to this Warranty.

## DEMONSTRATOR MACHINES

Demonstrator machines purchased from Tennant Company shall carry one of the following limited warranties:

1. Demonstrator machines purchased **without** a demonstrator discount carries the same warranty as new machines;
2. Demonstrator machines purchased **with** a demonstrator discount carries the amount of warranty remaining on the unit from the original delivery date or the same warranty as a reconditioned machine, whichever is greater.

**NOTE:** Demonstrator machines will always carry a minimum of 30 days labor.

## REPAIR PARTS

Repair parts supplied by Tennant Company are warranted against defects for the period stated below. Tennant Company's obligation is limited to the replacement of the warranted part, and Tennant Company shall not be obligated to provide labor (except certain engines also stated below) in installing such part.

### ENGINES, SHORT BLOCKS, AND LONG BLOCKS

| Manufacturer      | Warranty Period                                                               | Manufacturer | Warranty Period                    |
|-------------------|-------------------------------------------------------------------------------|--------------|------------------------------------|
| Continental       | 1 year or 1500 hours parts & labor                                            | Perkins      | 1 year or 1500 hours parts & labor |
| Kohler            | 1 year or 1500 hours parts & labor<br>(except Kohler Model K181S – 500 hours) | Kubota       | 1 year or 1500 hours parts & labor |
| Briggs & Stratton | 90 days or 200 hours parts & labor                                            | Wisconsin    | 1 year or 500 hours parts & labor  |
| Onan              | 1 year or 1500 hours parts & labor                                            | Ford         | 1 year or 1500 hours parts only    |

- Engine part replacements such as water pumps, carburetors, and alternators are warranted for thirty (30) days parts only, no labor.
- Labor is to include only the time it takes to repair an engine. It does not include removal and replacement nor does it include travel time.

### MAJOR HYDRAULIC COMPONENTS (PUMPS, MOTORS, CYLINDERS, AND CONTROL VALVES)

| Manufacturer   | Warranty Period   | Manufacturer | Warranty Period    |
|----------------|-------------------|--------------|--------------------|
| Cessna         | 1 year parts only | Oilgear      | 1 year parts only  |
| Char-Lynn      | 1 year parts only | Gresen       | 90 days parts only |
| Victor (Dukes) | 1 year parts only | MTE          | 90 days parts only |
| Ross           | 1 year parts only | Barnes       | 90 days parts only |
| Vickers        | 1 year parts only |              |                    |

- All seal kits and replacement parts are warranted for thirty (30) days parts only.

### MAJOR ELECTRIC MOTORS

| Manufacturer     | Warranty Period   | Manufacturer  | Warranty Period   |
|------------------|-------------------|---------------|-------------------|
| Baldor           | 1 year parts only | Ohio Electric | 1 year parts only |
| General Electric | 1 year parts only | HK Porter     | 1 year parts only |

All other repair parts are warranted for thirty (30) days only.

## SERVICE LABOR

Labor performed by a Tennant Company service representative shall be warranted for thirty (30) days from the date the repairs are completed. This policy does not cover work performed by any service company, other than Tennant Company, and is restricted to the specific repair operation or component for which a claim is made.

**THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER EXPRESSED OR IMPLIED WARRANTIES INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS AND OF ALL OTHER OBLIGATIONS AND LIABILITIES ON THE PART OF TENNANT COMPANY, INCLUDING LIABILITIES FOR DIRECT, IMMEDIATE, SPECIAL, INDIRECT, OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE FAILURE OF ANY MACHINE OR PART OF IT TO OPERATE PROPERLY, INCLUDING THE COST OR EXPENSE OF PROVIDING SUBSTITUTE EQUIPMENT OR SERVICE DURING PERIODS OF MALFUNCTION OR NON-USE.**

This Warranty cannot be extended, changed, or modified by any representative of Tennant Company.

**TENNANT COMPANY, TENNANT COMPANY SUBSIDIARIES, AND  
MAJOR PARTS AND SERVICE LOCATIONS DIRECTORY**  
**LOCATION**

**NORTH AMERICA**

**U.S.A.**

**CALIFORNIA**

Los Angeles Parts and Service Center  
2861 East La Palma  
P. O. Box 66066  
Anaheim, CA 92806  
Phone: (714) 630-0800  
FAX: (714) 630-6934

**GEORGIA**

Atlanta Parts and Service Center  
5805 Peachtree Corners E. Rd.  
Norcross, GA 30092  
Phone: (404) 447-1500  
FAX: (404) 449-0418

**ILLINOIS**

Chicago Parts and Service Center  
630 Supreme Drive  
P. O. Box 590  
Bensenville, IL 60106  
Phone: (708) 595-1770  
FAX: (708) 595-5635

**MICHIGAN**

Detroit Parts and Service Center  
5601 Enterprise Dr.  
P. O. Box 927  
Warren, MI 48090  
Phone: (313) 573-6600  
FAX: (313) 573-2619

**MINNESOTA**

Tennant Company, World Headquarters  
Minneapolis Factory Customer Services  
701 N. Lilac Dr.  
Minneapolis, MN 55422  
Phone: (800) 553-8033 or (612) 593-8850  
FAX: (612) 540-1437  
Mailing Address:  
P. O. Box 1452  
Minneapolis, MN 55440

**PENNSYLVANIA**

Philadelphia Parts and Service Center  
855 Bethel Avenue  
P. O. Box 220  
Pennsauken, NJ 08110  
Phone: (609) 665-2231  
FAX: (609) 665-4894

**TEXAS**

Dallas/Ft. Worth Parts and Service Center  
1610 111th Street  
Grand Prairie, TX 75050  
Phone: (214) 647-0801  
FAX: (214) 641-4011

**CANADA**

**ONTARIO**

Tennant  
1329 Cardiff Boulevard  
Mississauga, Ontario  
Canada L5S 1R2  
Phone: (416) 670-8599  
FAX: (416) 670-8547

**SOUTH AMERICA**

**BRAZIL**

Equipamentos Tennant Limitada  
Rus Alvares Cabral Nr. 871  
Diadema - SP - Brazil CEP 09900  
Phone: (55) 11-456-2656  
FAX: (55) 11-465-4160

**ASIA**

**JAPAN**

Tennant Japan  
c/o Nippon Yusoki Co., Ltd.  
1-1, 2-chome, Higashikotari  
Nagaokakyo-shi, Kyoto, 617  
JAPAN  
Phone: 075-956-8613  
Telex: 05429926 NYK HJ  
FAX: 075-955-8993

**AUSTRALIA**

**AUSTRALIA**

Tennant Australia  
10 Hope Street  
Ermington, N.S.W. 2115  
Australia  
Phone: (61) 2-858-5811  
Telex: AA27393  
FAX: (61) 2-858-1995

**EUROPE**

**NETHERLANDS**

Tennant N.V.  
Industrielaan 6  
5400 AA  
Uden, N.B., Netherlands  
Phone: (31) 4132 63955  
Telex: 844 74768  
FAX: (31) 4132 50008

(continued on following page)



### EUROPE CONTINUED

#### UNITED KINGDOM

Tennant Maintenance Systems, Ltd.  
Central Avenue  
East Molesey  
Surrey KT8 0QZ  
United Kingdom  
Phone: (44) 1-941-5585  
FAX: (44) 1-941-4678

#### WEST GERMANY

Tennant N.V.  
Walter-Freitag-Straße 39  
5630 Remscheid 11 (Lüttringhausen)  
B.R.D.  
Phone: (49) 2191-59140  
Telex: (841) 08 513 478 TENV D.  
FAX: (49) 2191-561436

This is a listing of *major* Tennant Company parts and service centers. Parts and service are also available at many other Tennant Company centers or distributors located around the world. To determine your nearest Tennant Company representative, phone or write the Tennant Company World Headquarters.

# TENNANT COMPANY SERVICE LITERATURE AVAILABLE...

A variety of information is available to you in forms to suit your needs. The following is a list of those publications that relate to the Model 255 Series II family of machines:

| Machine Model | Publication                              | Form       | TENNANT® Part No. |
|---------------|------------------------------------------|------------|-------------------|
| 285           | Operation, Maintenance, and Parts Manual | Printed    | MM191             |
| 285           | Operation, Maintenance, and Parts Manual | Microfiche | 85191             |
| 285           | Operator Handbook                        | Printed    | MM161             |
| 285           | Ford VSG-411/413 Engine Service Manual   | Printed    | 38978             |

Keep your manuals in a safe, convenient location for your future reference in order to operate, maintain, and order repair parts for your machine. Everyone who operates, maintains, or purchases parts for the machine should have easy access to a copy of the manual.

To get pricing information or to order copies of these publications, contact your nearest Tennant Company parts warehouse, distributor, or sales representative.