



## Electronic Service Manuals

This electronic document is provided as a service to our customers. We do not create the contents of the information contained in this document. Should you have detailed questions pertaining to the information contained in this document, you may contact Michco, or the manufacturer which provided the original information in this electronic deliverable. Michco's only part in this electronic deliverable was the electronic assembly process.

You may contact Michco through the following methods:  
Phone (517) 484-9312 or (800) 331-3339 MI, OH, IN only  
2011 N. High St. -- Lansing, Michigan -- 48906  
Fax: (517) 484-9836  
Email: [CustServ@Michco.com](mailto:CustServ@Michco.com)  
Web site: [www.Michco.Com](http://www.Michco.Com)  
Parts Web site: [www.FloorMachineParts.Com](http://www.FloorMachineParts.Com)

Order Parts on Line at:  
**[www.FloorMachineParts.Com](http://www.FloorMachineParts.Com)**

Directly to Parts & Service:  
By Email: **[Shop@Michco.com](mailto:Shop@Michco.com)**  
By Fax: (517) 702-2041  
By Voice: Use numbers above.

**Serving the Cleaning Industry Since 1922**

Notice: All copyrighted material remains property of original owners, all trademarks are property of respective owners. Manuals are subject to Manufacturer's reproduction limitations. Originals or reproductions were provided by manufacturers through a request. We make no warranty as to the correctness of information provided in this document and you assume all risk.

# Retriever™ 5800G/P/D

---



## **REVISION SUPPLEMENT**

**Advance MODELS 56482005, 56482010, 56482700**

**This supplement is for gas machines after serial number 1093583  
and diesel machines after serial number 1156592.**

**All models covered in this manual are OBSOLETE**



# **Advance**

*by Nilfisk-Advance*

1/96 revised 10/02 Form Number 56042306

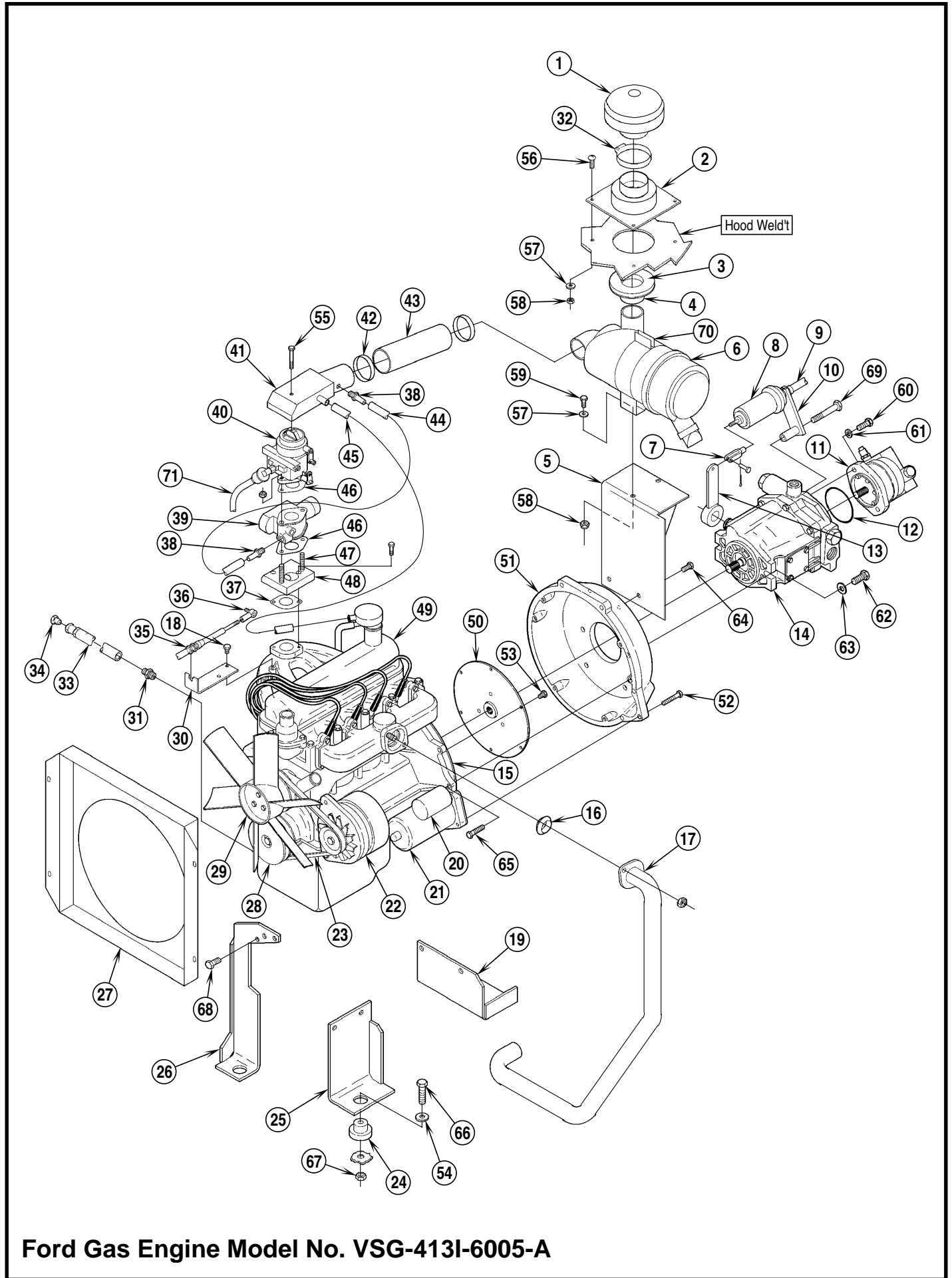
# TABLE OF CONTENTS

<u>DESCRIPTION</u>	<u>PAGE</u>
Gas Engine Assembly (before SN 1206198) .....	1-2
Gas Engine Assembly (after SN 1206197) .....	3-4
Diesel Engine Assembly (before SN 1206198) .....	5-6
Diesel Engine Assembly (after SN 1206197) .....	7-8
Accelerator Linkage (before SN 1206198) .....	9-10
Accelerator Linkage (after SN 1206197) .....	11-12
Steering Assembly .....	13-14
L.P. System .....	15-16
Gas / LP Wiring Diagram .....	17-18
Diesel Wiring Diagram .....	19-20
Hydraulic Diagram (before SN 1206198) .....	21-22
Hydraulic Diagram (after SN 1206197) .....	23-24

### WHEN ORDERING PARTS

- \* Use the 8 digit numbers from the "Part No." columns in this parts list.
- \* Specify the model and serial number of the machine.
- \* Use the space below to record the model and serial number for future reference.

Model \_\_\_\_\_ Serial No. \_\_\_\_\_

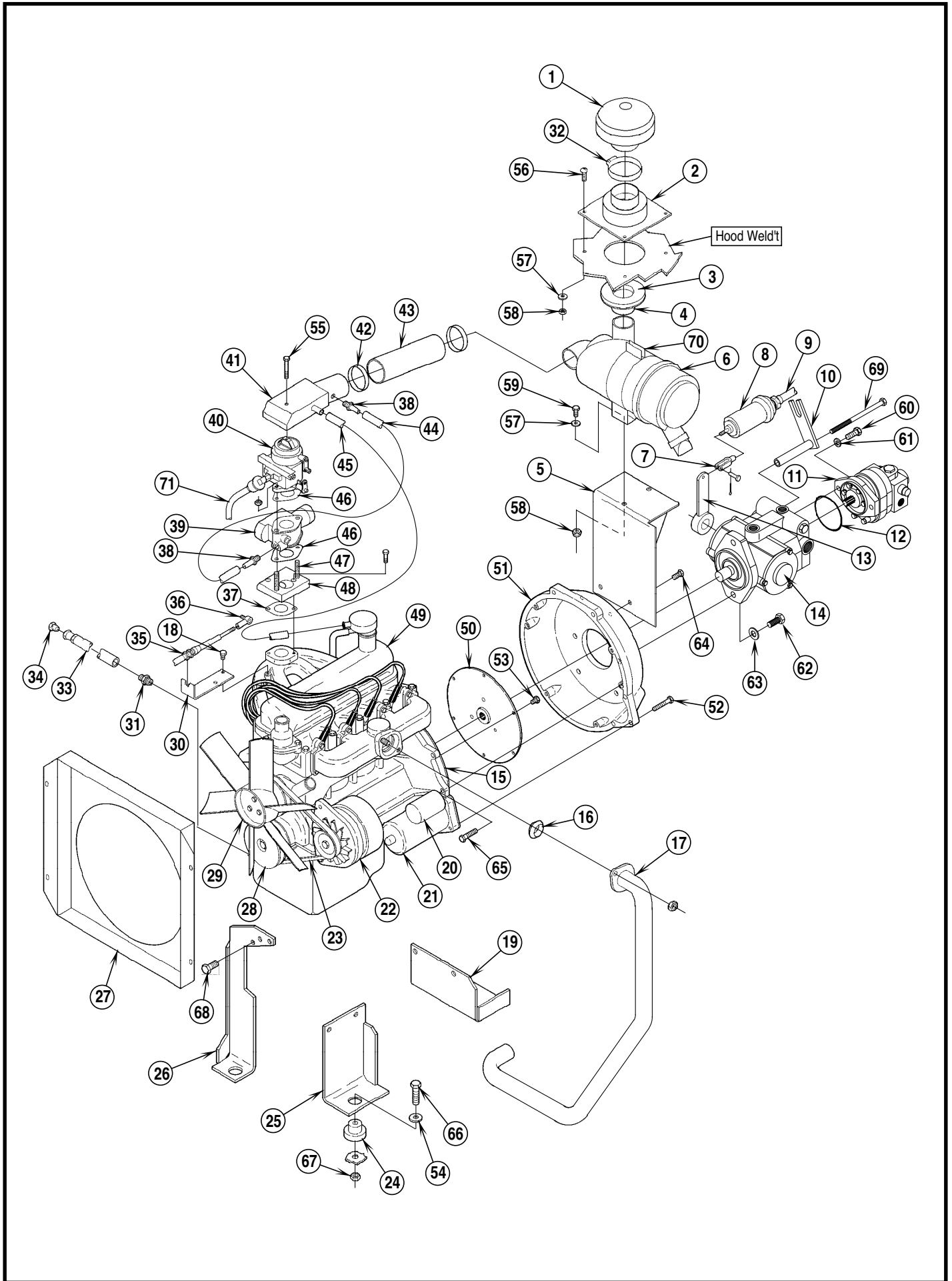


Ford Gas Engine Model No. VSG-4131-6005-A

## GAS ENGINE ASSEMBLY (BEFORE SN 1206198)

Item	Part No.	Qty	Description	Item	Part No.	Qty	Description
1	56463451	1	Air Inlet Hood	50	56462063	1	Coupler
2	56463445	1	Air Filter Cover	51	56462083	1	Bell Housing
3	56463449	1	Gasket	52	56462062	3	Bolt
4	56482600	1	Air Filter Tube	53	56755584	6	Bolt
5	56482524	1	Air Cleaner Mount	54	56512702	3	Washer
6	56482478	1	Air Cleaner Assembly	55	56492624	1	Screw
*	56478461	1	Air Filter Service Indicator	*	56209596	1	Gasket
*	56482028	1	Safety Element	56	56002066	4	Scr, Pan Phil 1/4-20 x .62
*	56482029	1	Primary Element	57	56002098	6	Wsh, Fit SAE 1/4
7	56482542	2	Clevis (includes pin)	58	56002708	6	Nut, Hex Nyl Loc 1/4-20
8	56482539	1	Hydro-Back	59	56001854	2	Scr, Hex Hd 1/4-20 x .50
9	56482540	1	Control Cable	60	56001858	2	Scr, Hex Hd 3/8-16 x 1.25
10	56482543	1	Bracket, Hydro-Back	61	56002063	2	Wsh, Fit SAE 3/8
11	56482572	1	Pump, Hydraulic	62	56001968	2	Scr, Hex Hd 1/2-13 x 1.50
12	56488867	1	O-Ring	63	56001879	2	Wsh, Fit SAE 1/2
13	56482537	1	Arm Weld't	64	56002663	2	Scr, Hex Hd 3/8-16 x 1.00
14	56456968	1	Hydraulic Pump Assembly	65	56002095	6	Scr, Hex Hd 3/8-16 x 1.50
*	56488523	1	Seal Kit for 56456968	66	56002983	3	Scr, Hex Hd 1/2-13 x 2.00
15	56462054	1	Rear Engine Plates	67	56002770	3	Nut, Hex Nyl Loc 1/2-13
16	56462053	1	Exhaust Donut gasket	68	56462061	3	Scr, Hex Hd M10 x 1.5
17	56482503	1	Exhaust Pipe	69	56002533	1	Scr, Hex Hd 1/2-13 x 2.50
18	56457286	2	Scr, MM	70	56482606	1	Air Cleaner Mounting Bracket
19	56482533	1	Mount Weld't	71	56459054	1	Fuel Line
20	56462869	1	Starter Solenoid				
21	56462055	1	Starter Motor	*	56462915	1	Ignition Module w/Harness
22	56463608	1	Alternator	*	56482523	1	Mount, Ignition Module
*	56462065	1	Alternator Connector	*	56462862	1	Oil Filter
23	56462865	1	Alternator Belt	*	56455811	1	Engine Wiring Harness
24	56478685	3	Mount, Rubber	*	56481888	1	Sender, Temperature
25	56482528	1	Mount Weld't	*	56478698	1	Sender, Oil Pressure
26	56482531	1	Mount Weld't	*	56463610	1	Fuel Separator
27	56482527	1	Fan Shroud	*	56462889	1	Fuel Filter (gas only)
28	56462472	1	Crankshaft Sheave	*	56462871	1	Fuel Pump (gas only)
29	56459191	1	Fan	*	56462872	1	Fuel Pump Gasket (gas only)
*	56459190	1	Spacer, Fan	*	56462864	1	Water Pump (w/gasket)
30	56497820	1	Bracket, Throttle Cable	*	56463296	1	Thermostat
31	56462244	1	Adapter, Oil Drain	*	56482338	1	Upper Radiator Hose
32	56456797	1	Hose Clamp	*	56482340	1	Lower Radiator Hose
33	56497359	1	Hose, Oil Drain	*	56492607	1	Radiator
34	56462247	1	Plug, Oil Drain	*	56482087	1	Floor Panel (under engine)
35	56324205	1	Cable, Throttle	*	56482043	1	Cable, Positive (starter)
36	56488290	2	Ball Joint	*	56454552	1	Cable, Ground
37	56100017	1	Gasket	*	56482637	1	Choke Cable
38	56477522	2	Hose Barb				
39	56482574	1	Governor				
*	56106046	1	Plug (used in governor)				
40	56462873	1	Carburetor, Gas				
41	56482516	1	Air Intake				
*	56492617	1	Gasket				
42	56440213	2	Hose Clamp				
43	56497852	1	Hose				
44	56370002	21"	Hose (54 cm)				
45	56492143	1	Hose				
*	56219932	1	Hose Clamp				
46	56100016	2	Gasket				
47	56482578	2	Stud				
48	56482541	1	Spacer, Carburetor				
49	56462051	1	Engine, Gas (w/carb)				
	56462050	1	Engine, Propane (w/o carb)				

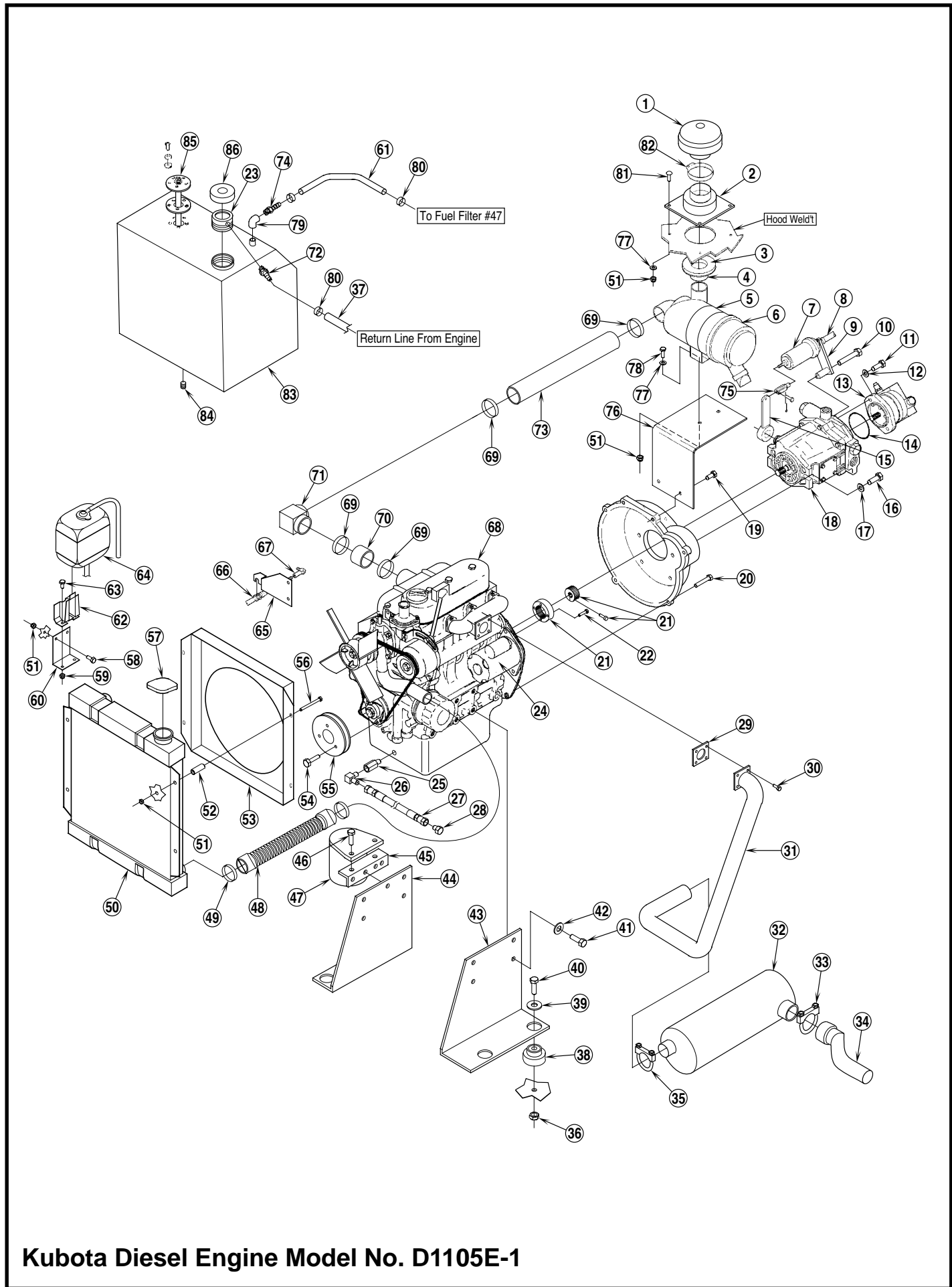
\* = Not Shown



## GAS ENGINE ASSEMBLY (AFTER SN 1206197)

Item	Part No.	Qty	Description	Item	Part No.	Qty	Description
1	56463451	1	Air Inlet Hood	51	56462083	1	Bell Housing
2	56463445	1	Air Filter Cover	52	56462062	3	Bolt
3	56463449	1	Gasket	53	56755584	6	Bolt
4	56482600	1	Air Filter Tube	54	56512702	3	Washer
5	56482524	1	Air Cleaner Mount	55	56492624	1	Screw
6	56482478	1	Air Cleaner Assembly	*	56209596	1	Gasket
*	56478461	1	Air Filter Service Indicator	56	56002066	4	Scr, Pan Phil 1/4-20 x .62
*	56482028	1	Safety Element	57	56002098	6	Wsh, Fit SAE 1/4
*	56482029	1	Primary Element	58	56002708	6	Nut, Hex Nyl Loc 1/4-20
7	56482542	2	Clevis (includes pin)	59	56001854	2	Scr, Hex Hd 1/4-20 x .50
8	56482539	1	Hydro-Back	60	56001858	2	Scr, Hex Hd 3/8-16 x 1.25
9	56482540	1	Control Cable	61	56002063	2	Wsh, Fit SAE 3/8
10	56482676	1	Bracket, Hydro-Back	62	56001968	2	Scr, Hex Hd 1/2-13 x 1.50
11	56482572	1	Pump, Hydraulic	63	56001879	2	Wsh, Fit SAE 1/2
12	56488002	1	O-Ring	64	56002663	2	Scr, Hex Hd 3/8-16 x 1.00
13	56482537	1	Arm Weld't	65	56002095	6	Scr, Hex Hd 3/8-16 x 1.50
14	56497918	1	Hydraulic Pump Assembly	66	56002983	3	Scr, Hex Hd 1/2-13 x 2.00
15	56462054	1	Rear Engine Plates	67	56002770	3	Nut, Hex Nyl Loc 1/2-13
16	56462053	1	Exhaust Donut gasket	68	56462061	3	Scr, Hex Hd M10 x 1.5
17	56482503	1	Exhaust Pipe	69	56003044	1	Scr, Hex 3/8-16 x 6.50
18	56457286	2	Scr, MM	70	56482606	1	Air Cleaner Mounting Bracket
19	56482533	1	Mount Weld't	71	56459054	1	Fuel Line
20	56462869	1	Starter Solenoid				
21	56462055	1	Starter Motor	*	56462915	1	Ignition Module w/Harness
22	56463608	1	Alternator	*	56482523	1	Mount, Ignition Module
*	56462065	1	Alternator Connector	*	56462862	1	Oil Filter
23	56462865	1	Alternator Belt	*	56455811	1	Engine Wiring Harness
24	56478685	3	Mount, Rubber	*	56481888	1	Sender, Temperature
25	56482528	1	Mount Weld't	*	56478698	1	Sender, Oil Pressure
26	56482531	1	Mount Weld't	*	56463610	1	Fuel Separator
27	56482527	1	Fan Shroud	*	56462889	1	Fuel Filter (gas only)
28	56462472	1	Crankshaft Sheave	*	56462871	1	Fuel Pump (gas only)
29	56459191	1	Fan	*	56462872	1	Fuel Pump Gasket (gas only)
*	56459190	1	Spacer, Fan	*	56462864	1	Water Pump (w/gasket)
30	56497820	1	Bracket, Throttle Cable	*	56463296	1	Thermostat
31	56462244	1	Adapter, Oil Drain	*	56482338	1	Upper Radiator Hose
32	56456797	1	Hose Clamp	*	56482340	1	Lower Radiator Hose
33	56497359	1	Hose, Oil Drain	*	56492607	1	Radiator
34	56462247	1	Plug, Oil Drain	*	56482087	1	Floor Panel (under engine)
35	56324205	1	Cable, Throttle	*	56482043	1	Cable, Positive (starter)
36	56488290	2	Ball Joint	*	56454552	1	Cable, Ground
37	56100017	1	Gasket	*	56482637	1	Choke Cable
38	56477522	2	Hose Barb				
39	56482574	1	Governor				
*	56106046	1	Plug (used in governor)				
40	56462873	1	Carburetor, Gas				
41	56482516	1	Air Intake				
*	56492617	1	Gasket				
42	56440213	2	Hose Clamp				
43	56497852	1	Hose				
44	56370002	21"	Hose (54 cm)				
45	56492143	1	Hose				
*	56219932	1	Hose Clamp				
46	56100016	2	Gasket				
47	56482578	2	Stud				
48	56482541	1	Spacer, Carburetor				
49	56462051	1	Engine, Gas (w/carb)				
	56462050	1	Engine, Propane (w/o carb)				
50	56462063	1	Coupler				

\* = Not Shown



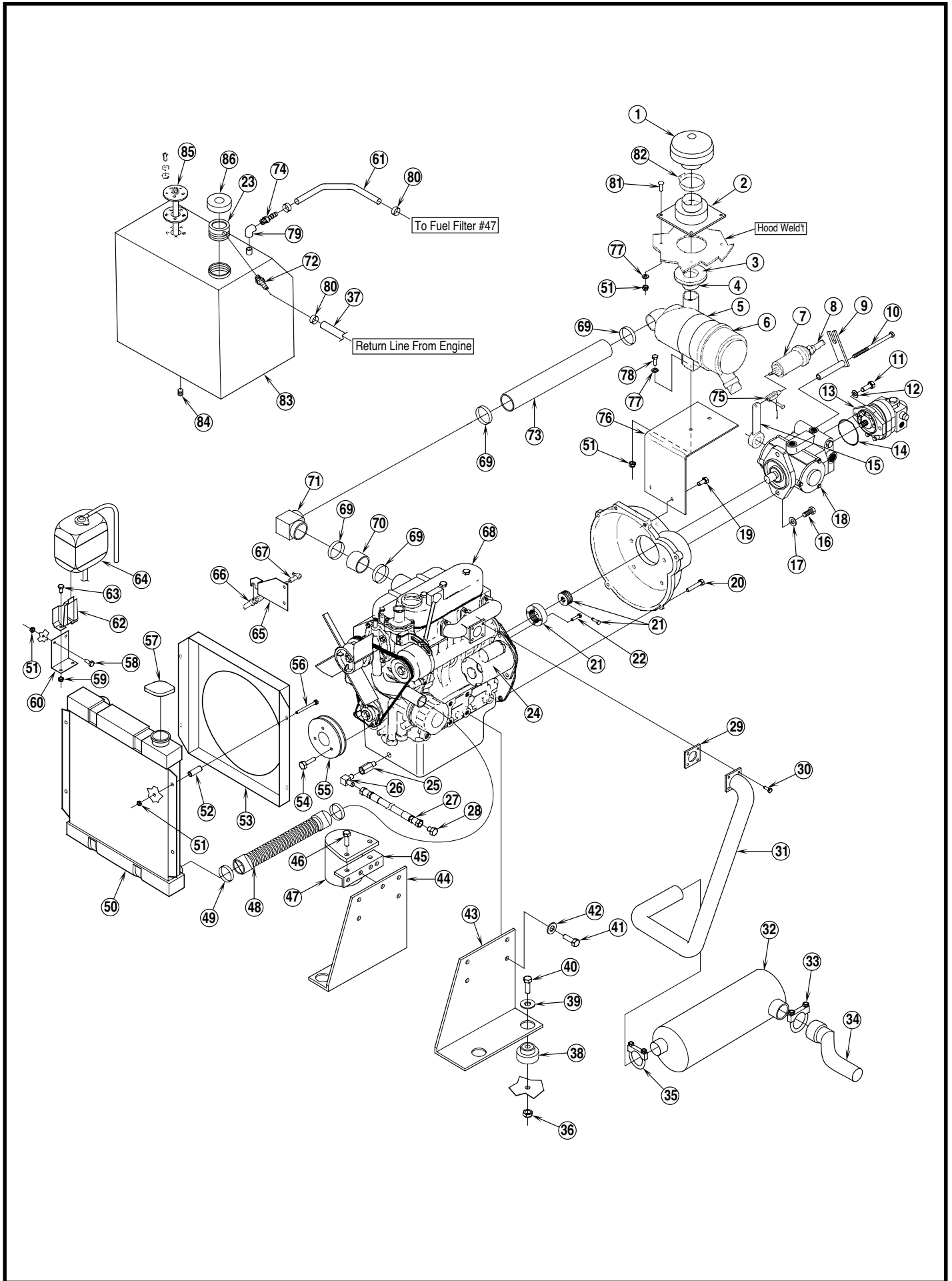
**Kubota Diesel Engine Model No. D1105E-1**



**DIESEL ENGINE ASSEMBLY (BEFORE SN 1206198)**

Item	Part No.	Qty	Description	Item	Part No.	Qty	Description
1	56463451	1	Air Inlet Hood	51	56002708	12	Nut, Hex Nyl Loc 1/4-20
2	56463445	1	Air Filter Cover	52	56454249	4	Spacer
3	56463449	1	Gasket	53	56482647	1	Fan Shroud
4	56482651	1	Inlet Tube	54	56003374	3	Scr, Hex Hd M10 x 1.25 x 40mm
5	56482621	1	Air Cleaner Mounting Band	55	56482646	1	Sheave, Impeller
6	56482478	1	Air Cleaner Assembly	*	56458683	1	Impeller Belt
*	56478461	1	Air Filter Service Indicator	56	56412361	4	Scr, Hex Hd 1/4-20 x 2.25
*	56482028	1	Replacement Safety Element	57	56456431	1	Radiator Cap
*	56482029	1	Replacement Primary Element	58	56002155	2	Scr, Hex Hd 1/4-20 x .75
7	56482539	1	Hydro-Back	59	56002701	2	Nut, Hex Nyl Loc 5/16-18
8	56482540	1	Control Cable	60	56488645	1	Bracket
9	56482543	1	Bracket, Hydro-Back	61	56456414	1	Fuel Line
10	56002533	1	Scr, Hex Hd 1/2-13 x 2.50	62	56463305	1	Bracket
11	56001858	2	Scr, Hex Hd 3/8-16 x 1.25	63	56002035	2	Scr, Hex Hd 5/16-18 x .62
12	56002063	2	Wsh, Fit SAE 3/8	64	56463301	1	Coolant Recovery Tank
13	56482572	1	Pump, Hydraulic Auxiliary	65	56482652	1	Bracket Throttle Cable
14	56488867	1	O-Ring	66	56482309	1	Throttle Cable
15	56482537	1	Arm Weld't	67	56488290	2	Ball Joint
16	56001968	2	Scr, Hex Hd 1/2-13 x 1.50	68	56482629	1	Engine, Diesel
17	56001879	2	Wsh, Fit SAE 1/2	69	56329145	4	Hose Clamp
18	56456968	1	Hydraulic Pump	70	56492278	1	Hose
*	56488523	1	Seal Kit for 456968	71	56492270	1	Intake Adapter
19		2	Scr, Hex Hd M10 x 1.25 x 35	72	56369594	1	Barb
20		6	Scr, Soc Hd M8 x 30	73	56492960	1	Hose
21	56482476	1	Coupler Assembly	74	56477523	1	Barb
22	56002316	4	Scr, Soc Hd 3/8-16 x 1.50	75	56482542	2	Clevis w/pin
23	56481466	1	Filler Neck	76	56482648	1	Mount, Air Cleaner
24	56482661	1	Starter W/Connector	77	56002098	6	Wsh, Fit SAE 1/4
25	56497676	1	Adapter	78	56001854	2	Scr, Hex Hd 1/4-20 x .50
26	56497894	1	Elbow	79	56111295	1	Elbow
27	56482593	1	Hose	80	56756364	6	Hose Clamp
28	56482670	1	Plug, Oil Drain	81	56002066	4	Scr, Pan Phil 1/4-20 x .62
29	56482674	1	Gasket, Exhaust	82	56456797	1	Hose Clamp
30		2	Screws w/engine	83	56478467	1	Fuel Tank
31	56482639	1	Exhaust Pipe	84	56481546	1	Plug
32	56478711	1	Muffler	85	56478358	1	Fuel Level Sender
33	56478466	1	Muffler Clamp	86	56478502	1	Fuel tank Cap
34	56481337	1	Exhaust Tube				
35	56343236	1	Muffler Clamp	*	56482655	A/R	Glow Plug
36	56002770	4	Nut, Hex Nyl Loc 1/2-13	*	56482657	1	Thermostat
37	56481684	1	Fuel Line	*	56482658	1	Fan Belt
38	56478685	4	Rubber Mount	*	56482659	A/R	Replacement Spin-On Oil Filter
39	56512702	4	Washer	*	56482660	1	Fuel Pump
40	56002983	4	Scr, Hex Hd 1/2-13 x 2.00	*	56482662	1	Alternator, 12V, 30A
41	56492251	10	Scr, Hex Hd M10 x 20mm	*	56482476	1	Alternator Coupler
42		10	Wsh, Fit M10	*	56482663	1	Shut Down Solenoid
43	56482644	1	Engine Mount, Left	*	56482665	1	Water Pump
44	56482643	1	Engine mount, Right	*	56482653	1	Glow Plug Indicator Lamp Assembly
45	56482673	1	Bracket	*	56482096	1	Fan Spacer
46		2	Scr, Hex Hd M8 x 22	*	56481148	4	Scr, Hex Hd M6 x 1 x 40mm for Fan
47	56455670	1	Fuel Filter Kit	*	56478698	1	Sender, Oil Pressure
*	56482656	1	Replacement Spin-On Fuel Filter	*	56482671	1	Sender, Coolant Temperature
*	56492253	1	Fuel Line (from filter to engine)	*	56482666	1	Kubota Operator Manual
48	56480665	1	Radiator Hose (Lower)	*	56482692	1	Keys, Replacement set of 2
*	56456304	1	Radiator Hose (Upper)				
49	56440213	4	Hose Clamp				
50	56492607	1	Radiator				

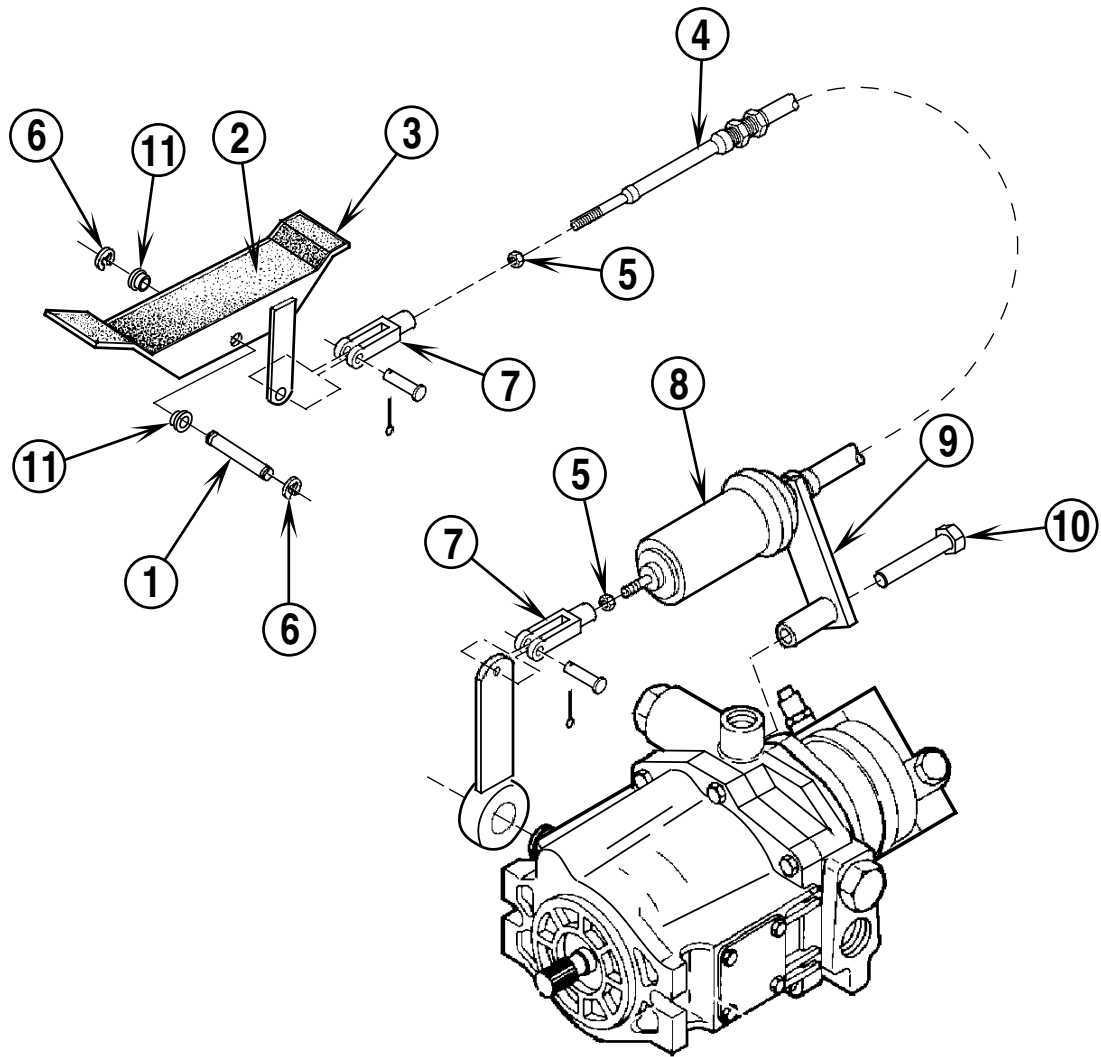
\* = Not Shown



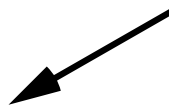
## DIESEL ENGINE ASSEMBLY (AFTER SN 1206197)

Item	Part No.	Qty	Description	Item	Part No.	Qty	Description
1	56463451	1	Air Inlet Hood	51	56002708	12	Nut, Hex Nyl Loc 1/4-20
2	56463445	1	Air Filter Cover	52	56454249	4	Spacer
3	56463449	1	Gasket	53	56482647	1	Fan Shroud
4	56482651	1	Inlet Tube	54	56003374	3	Scr, Hex Hd M10 x 1.25 x 40mm
5	56482621	1	Air Cleaner Mounting Band	55	56482646	1	Sheave, Impeller
6	56482478	1	Air Cleaner Assembly	*	56458683	1	Impeller Belt
*	56478461	1	Air Filter Service Indicator	56	56412361	4	Scr, Hex Hd 1/4-20 x 2.25
*	56482028	1	Replacement Safety Element	57	56456431	1	Radiator Cap
*	56482029	1	Replacement Primary Element	58	56002155	2	Scr, Hex Hd 1/4-20 x .75
7	56482539	1	Hydro-Back	59	56002701	2	Nut, Hex Nyl Loc 5/16-18
8	56482540	1	Control Cable	60	56488645	1	Bracket
9	56482676	1	Bracket, Hydro-Back	61	56456414	1	Fuel Line
10	56003044	1	Scr, Hex 3/8-16 x 6.50	62	56463305	1	Bracket
11	56001858	2	Scr, Hex Hd 3/8-16 x 1.25	63	56002035	2	Scr, Hex Hd 5/16-18 x .62
12	56002063	2	Wsh, Fit SAE 3/8	64	56463301	1	Coolant Recovery Tank
13	56482572	1	Pump, Hydraulic Auxiliary	65	56482652	1	Bracket Throttle Cable
14	56488002	1	O-Ring	66	56482309	1	Throttle Cable
15	56482537	1	Arm Weld't	67	56488290	2	Ball Joint
16	56001968	2	Scr, Hex Hd 1/2-13 x 1.50	68	56482629	1	Engine, Diesel
17	56001879	2	Wsh, Fit SAE 1/2	69	56329145	4	Hose Clamp
18	56497918	1	Hydraulic Pump	70	56492278	1	Hose
19		2	Scr, Hex Hd M10 x 1.25 x 35	71	56492270	1	Intake Adapter
20		6	Scr, Soc Hd M8 x 30	72	56369594	1	Barb
21	56482476	1	Coupler Assembly	73	56492960	1	Hose
22	56002316	4	Scr, Soc Hd 3/8-16 x 1.50	74	56477523	1	Barb
23	56481466	1	Filler Neck	75	56482542	2	Clevis w/pin
24	56482661	1	Starter W/Connector	76	56482648	1	Mount, Air Cleaner
25	56497676	1	Adapter	77	56002098	6	Wsh, Fit SAE 1/4
26	56497894	1	Elbow	78	56001854	2	Scr, Hex Hd 1/4-20 x .50
27	56482593	1	Hose	79	56111295	1	Elbow
28	56482670	1	Plug, Oil Drain	80	56756364	6	Hose Clamp
29	56482674	1	Gasket, Exhaust	81	56002066	4	Scr, Pan Phil 1/4-20 x .62
30		2	Screws w/engine	82	56456797	1	Hose Clamp
31	56482639	1	Exhaust Pipe	83	56478467	1	Fuel Tank
32	56478711	1	Muffler	84	56481546	1	Plug
33	56478466	1	Muffler Clamp	85	56478358	1	Fuel Level Sender
34	56481337	1	Exhaust Tube	86	56478502	1	Fuel tank Cap
35	56343236	1	Muffler Clamp				
36	56002770	4	Nut, Hex Nyl Loc 1/2-13	*	56482655	A/R	Glow Plug
37	56481684	1	Fuel Line	*	56482657	1	Thermostat
38	56478685	4	Rubber Mount	*	56482658	1	Fan Belt
39	56512702	4	Washer	*	56482659	A/R	Replacement Spin-On Oil Filter
40	56002983	4	Scr, Hex Hd 1/2-13 x 2.00	*	56482660	1	Fuel Pump
41	56492251	10	Scr, Hex Hd M10 x 20mm	*	56482662	1	Alternator, 12V, 30A
42		10	Wsh, Fit M10	*	56482476	1	Alternator Coupler
43	56482644	1	Engine Mount, Left	*	56482663	1	Shut Down Solenoid
44	56482643	1	Engine mount, Right	*	56482665	1	Water Pump
45	56482673	1	Bracket	*	56482653	1	Glow Plug Indicator Lamp Assembly
46		2	Scr, Hex Hd M8 x 22	*	56482096	1	Fan Spacer
47	56455670	1	Fuel Filter Kit	*	56481148	4	Scr, Hex Hd M6 x 1 x 40mm for Fan
*	56482656	1	Replacement Spin-On Fuel Filter	*	56478698	1	Sender, Oil Pressure
*	56492253	1	Fuel Line (from filter to engine)	*	56482671	1	Sender, Coolant Temperature
48	56480665	1	Radiator Hose (Lower)	*	56482666	1	Kubota Operator Manual
*	56456304	1	Radiator Hose (Upper)	*	56482692	1	Keys, Replacement set of 2
49	56440213	4	Hose Clamp				
50	56492607	1	Radiator				

\* = Not Shown

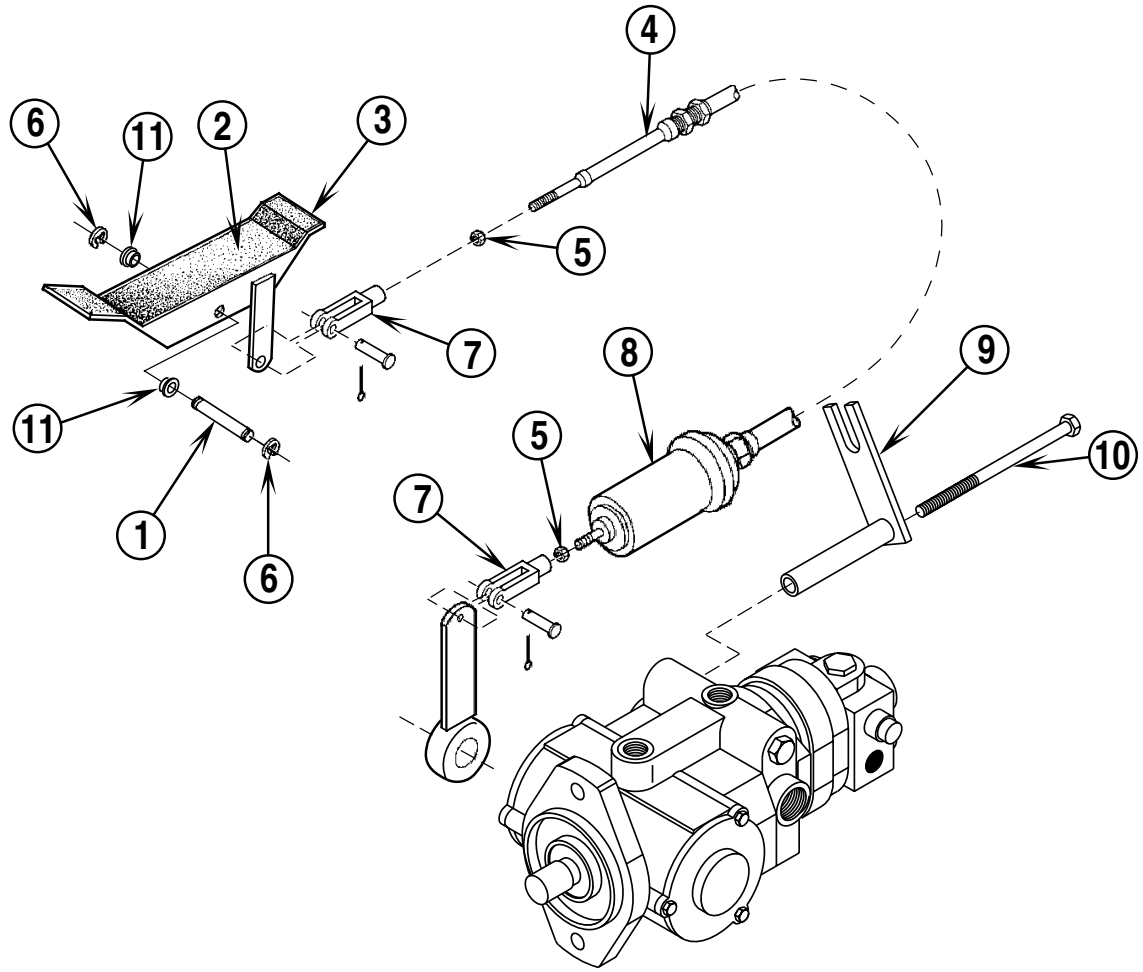


**FRONT**



**ACCELERATOR LINKAGE (BEFORE SN 1206198)**

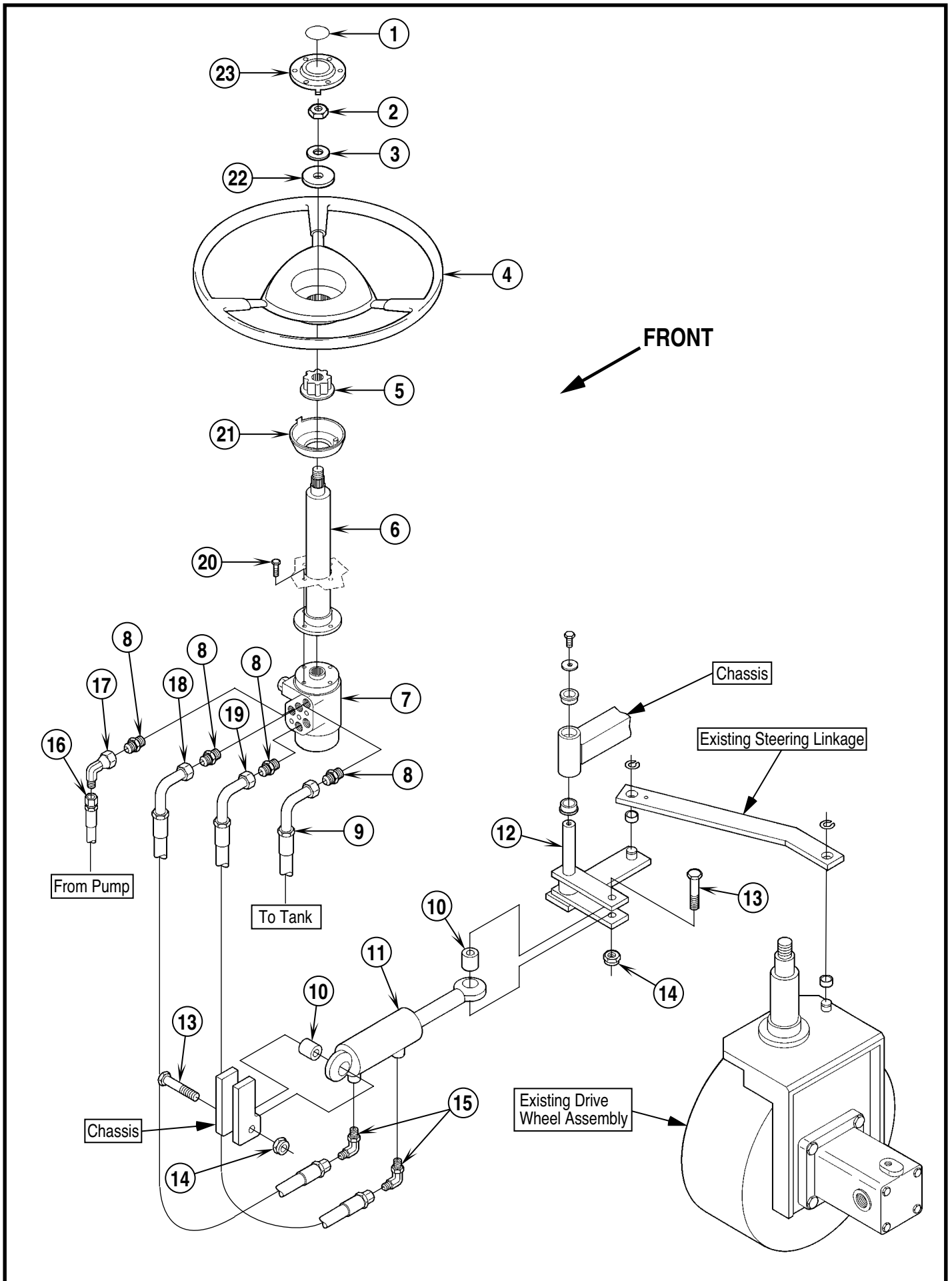
Item	Part No.	Qty	Description
1	56448050	1	Pin
2	56449958	1	Pedal Mat
3	56482505	1	Foot Pedal
4	56482540	1	Cable
5	56003284	2	Nut, Hex 1/4-28
6	56321125	2	Retaining Ring
7	56482542	2	Clevis w/pin
8	56482539	1	Hydro-Back
9	56482543	1	Bracket, Hydro-Back
10	56002553	1	Scr, Hex Hd 1/2-13 x 2.50
11	56206849	2	Bushing



**FRONT**  
↙

**ACCELERATOR LINKAGE (AFTER SN 1206197)**

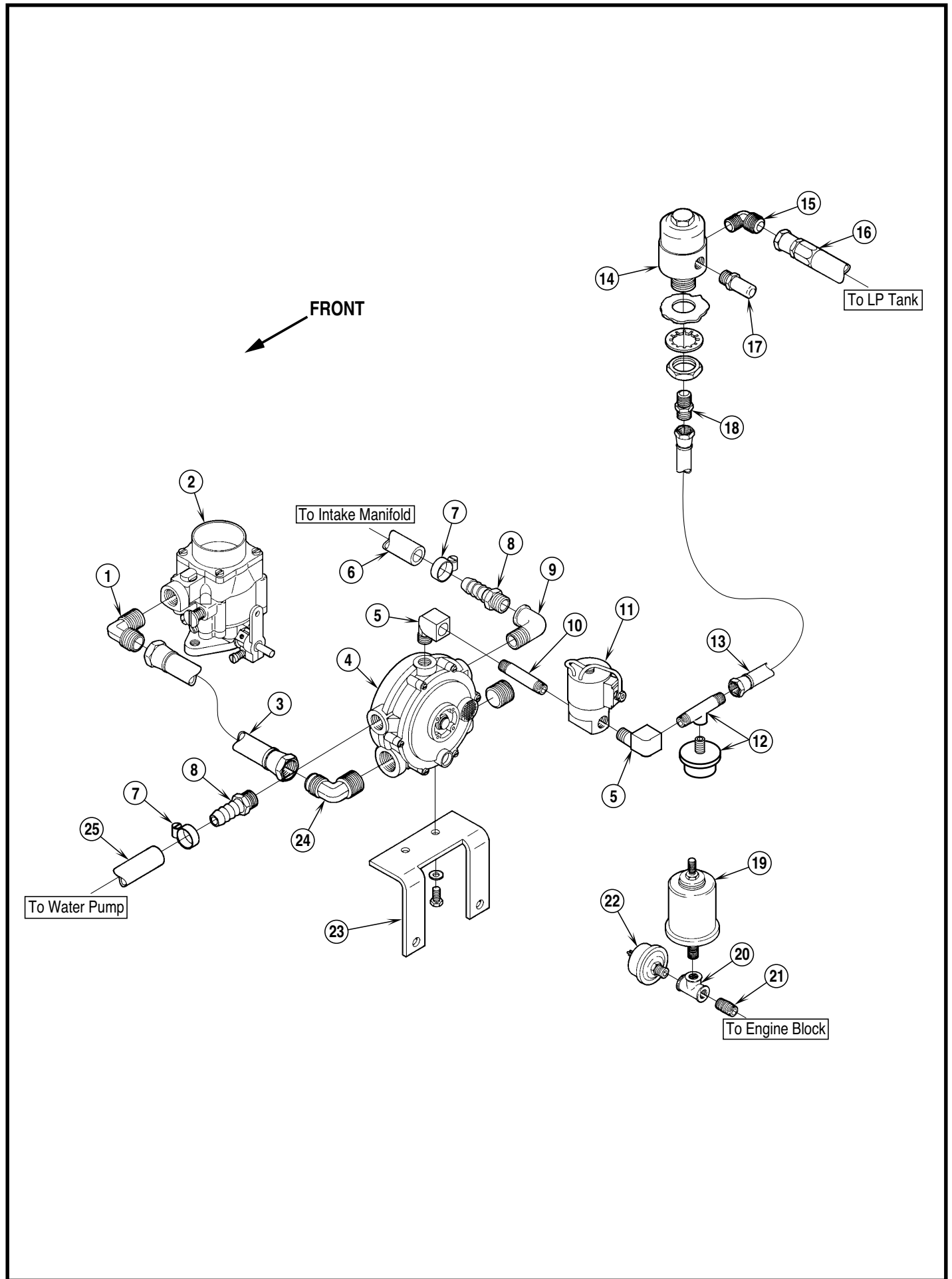
Item	Part No.	Qty	Description
1	56448050	1	Pin
2	56449958	1	Pedal Mat
3	56482505	1	Foot Pedal
4	56482540	1	Cable
5	56003284	2	Nut, Hex 1/4-28
6	56321125	2	Retaining Ring
7	56482542	2	Clevis w/pin
8	56482539	1	Hydro-Back
9	56482676	1	Bracket, Hydro-Back
10	56003044	1	Scr, Hex 3/8-16 x 6.50
11	56206849	2	Bushing





## STEERING ASSEMBLY

Item	Part No.	Qty	Description
1	56015126	1	Decal, Logo
2	56002773	1	Nut, Hex Nyl Loc 1/2-20
3	56002168	1	Wsh, Flt STD 1/2
4	56497306	1	Steering Wheel
5	56497560	1	Steering Wheel Adaptor
6	56477003	1	Steering Column
7	56477001	1	Steering Control Unit
8	56900003	4	Adaptor
9	56482592	1	Hose
10	56463366	2	Bushing
11	56482573	1	Steering Cylinder
12	56482567	1	Crank Weld't
13	56002680	2	Scr, Hex Hd 1/2-13 x 2.75
14	56002770	2	Nut, Hex Nyl Loc 1/2-13
15	56900101	2	Elbow
16	56482591	1	Hose
17	56900303	1	Elbow
18	56482593	1	Hose
19	56482594	1	Hose
20	56003175	4	Scr, M6 x 30
21	56497308	1	Cup
22	56497552	1	Washer
23	56497543	1	Cap
*	56462977	1	Sock (nylon wrap around steering hoses)



**L.P. SYSTEM**

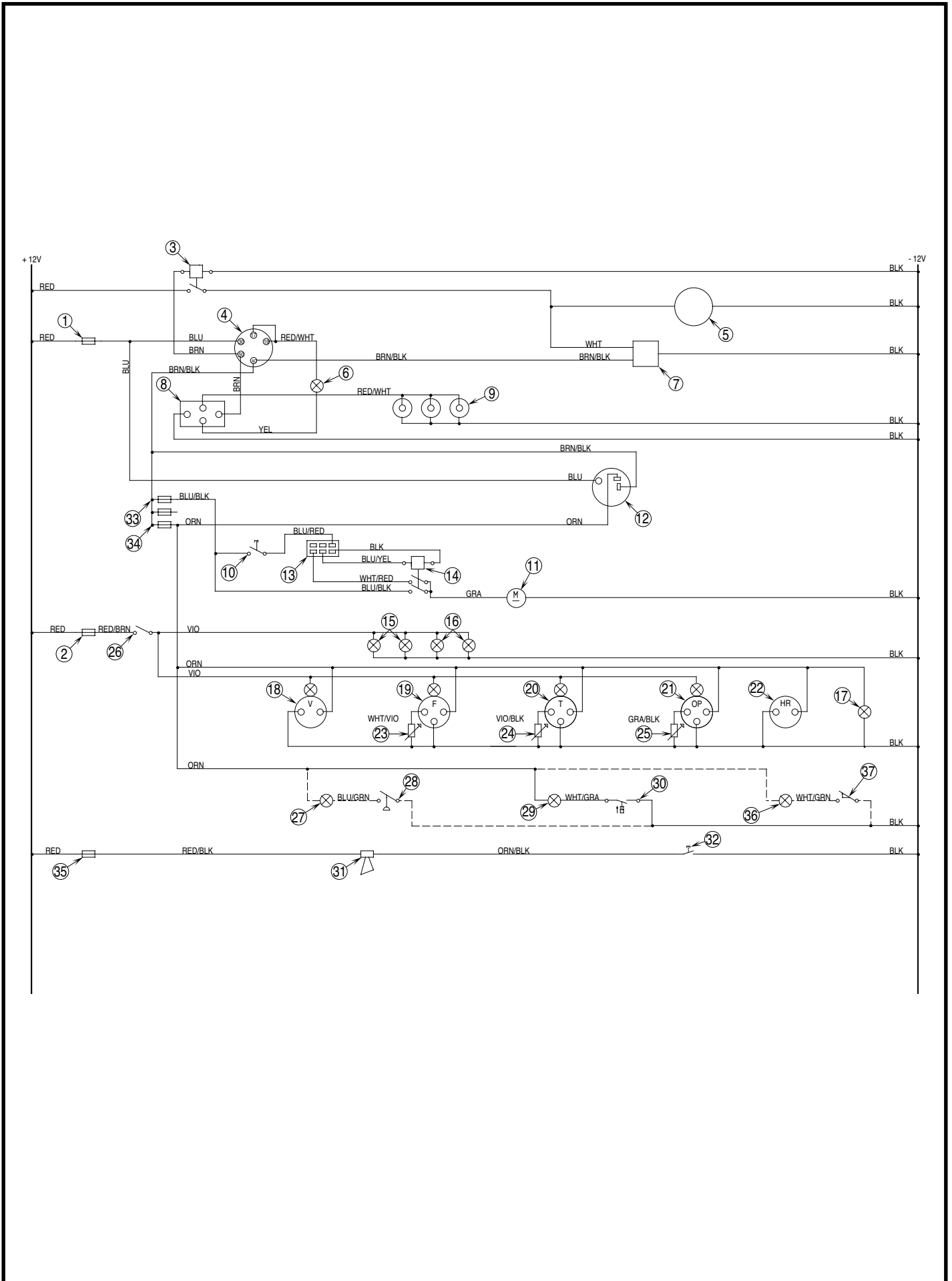
Item	Part No.	Qty	Description
1	56456604	1	Elbow
2	56482027	1	Carburetor
3	56492203	1	Hose
4	56456628	1	Regulator
5	56369632	2	Elbow
6	56462069	1	Hose
7	56244969	6	Hose Clamp
8	56456436	2	Barb
9	56900021	1	Elbow
10	56369624	1	Nipple
11	56456626	1	Shut-Off Valve
12	56493015	1	Fuel Ind. Light Kit
13	56456586	1	Hose
14	56456622	1	L.P. Filter
15	56456608	1	Elbow
16	56456593	1	Hose
17	56456624	1	Vent
18	56456600	1	Adaptor
19	56478698	1	Oil Pressure Sender
20	56752020	1	Tee
21	56750746	1	Nipple
22	56493146	1	Pressure Switch
23	56462059	1	Bracket
24	56456602	1	Elbow
25	56462070	1	Hose



## GAS / LP WIRING DIAGRAM

Item	Part No.	Qty	Description
	56015824	1	Decal, Wiring
1	56481543	2	Headlight Assembly
2	56463608	1	Alternator
3	56478698	1	Oil Pressure Sender
4	56456469	1	Indicator Light
5	56493146	1	Oil Pressure Switch (LP Safety Switch)
6	56462915	1	Ignition Module W/wiring harness
7	56442054	1	Horn
8	56441555	2	Switch
9	56482580	1	Main Wiring Harness
10	56482581	1	Fuse Wiring Harness
11	56491870	1	Time Delay
12	56491862	2	Relay
13	56478271	5	Fuse, 15 Amp
14	56492293	1	Buss Bar
15	56478640	1	Ignition Switch
16	56482582	1	Gauge Panel Wiring Harness
17	56493015	1	LP Low Fuel Light Kit
18	56489598	1	Fuel Level Gauge
19	56489600	1	Water Temp Gauge
20	56478363	1	Hour Meter
21	56441511	1	Battery
22	56489592	1	Oil Pressure Gauge
23	56482044	1	Volt Meter
24	56489639	1	Rotating Light
25	56478358	1	Fuel Level Sender
26	56491820	1	Shaker Motor
27	56482324	1	Shaker Motor Cord
28	56376348	1	Headlight Switch
29	56462887	1	Ignition Coil
30	56462055	1	Starter Motor
31	56482327	1	Tail Light Wiring Harness
32	56481553	2	Tail Light Socket
	56481551	2	Light Bulb
	56481544	2	Red Lens
33	56456626	1	LP Solenoid Valve
34	56481888	1	Coolant Temperature Sender
**	56482475	1	Dust Control Filter Light Kit
**	56388019	1	Hopper Up Switch
**	56482481	1	Hopper Up Indicator Light

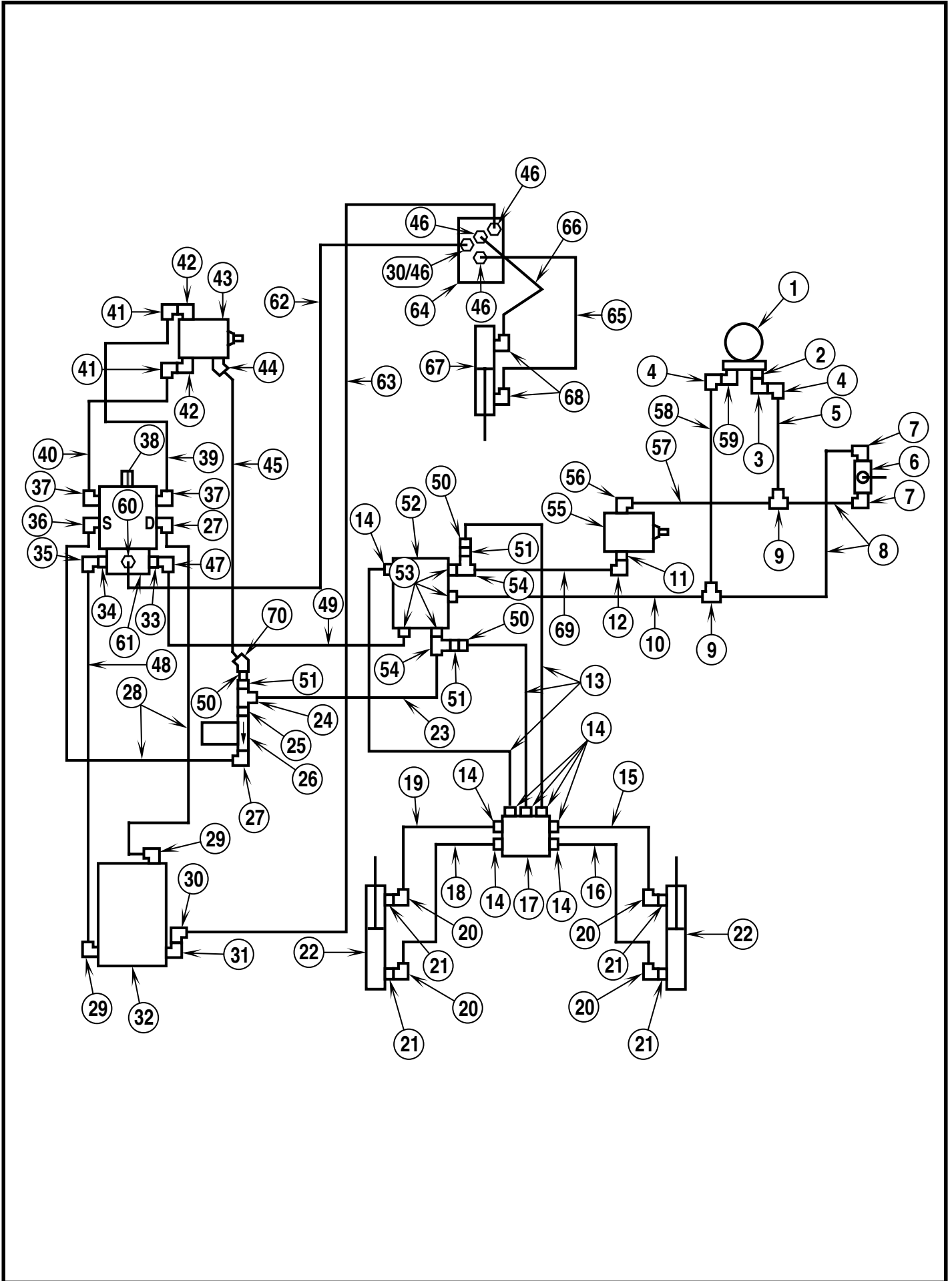
\*\* = Optional



## DIESEL WIRING DIAGRAM

Item	Part No.	Qty	Description
	56025557	1	Decal, Wiring
1	56900283	1	Fuse, 30Amp, Ignition
2	56900230	1	Fuse, 15Amp, Lights
3		1	Starter Solenoid <b>(part of Starter)</b>
4	56478640	1	Ignition Switch
5	56482661	1	Starter
6	56482653	1	Glow Plug Indicator Light
7	56482663	1	Fuel Shut-Off Solenoid
8	56463585	1	Glow Plug Timer
9	56482655	3	Glow Plug
10	56441555	1	Shaker Switch
11	56491820	1	Shaker Motor
*	56491823	1	Carbon Brush Kit for 491820
12	56482662	1	Alternator
13	56491870	1	Shaker Timer
14	56491862	1	Shaker Relay
15	56481543	2	Headlight Assembly
16	56481553	2	Tail Light Socket
	56481551	2	Tail Light Bulb
17	56489639	1	Beacon
18	56482044	1	Voltmeter
19	56489598	1	Fuel Gauge
20	56489600	1	Coolant Temperature Gauge
21	56484592	1	Oil Pressure Gauge
22	56478363	1	Hourmeter
23	56478358	1	Fuel Level Sender
24	56481888	1	Coolant Temperature Sender
25	56478698	1	Oil Pressure Sender
26	56376348	1	Light Switch
27	56482481	1	Dust Control Filter Light <b>(optional)</b>
*	56482475	1	Dust Control Filter Light Kit <b>(includes items 27 &amp; 28)</b>
28	56482479	1	Vacuum Switch <b>(optional)</b>
29	56456469	1	Hydraulic Filter Light
30		1	Hydraulic Filter Switch <b>(part of Hydraulic Filter Assy)</b>
31	56442054	1	Horn
32	56441555	1	Horn Switch
33	56900230	1	Fuse, 15Amp, Shaker
34	56900230	1	Fuse, 15Amp, Gauges and Warning Lights
35	56900230	1	Fuse, 15Amp, Horn
36	56482481	1	Hopper Up Indicator Light <b>(optional)</b>
37	56388019	1	Hopper Up Switch <b>(optional)</b>
*	56482484	1	Fuse Wiring Harness
*	56482485	1	Main Wiring Harness
*	56482489	1	Gauge Wiring Harness
*	56482480	1	Tail Light Wiring Harness

\* = Not Shown

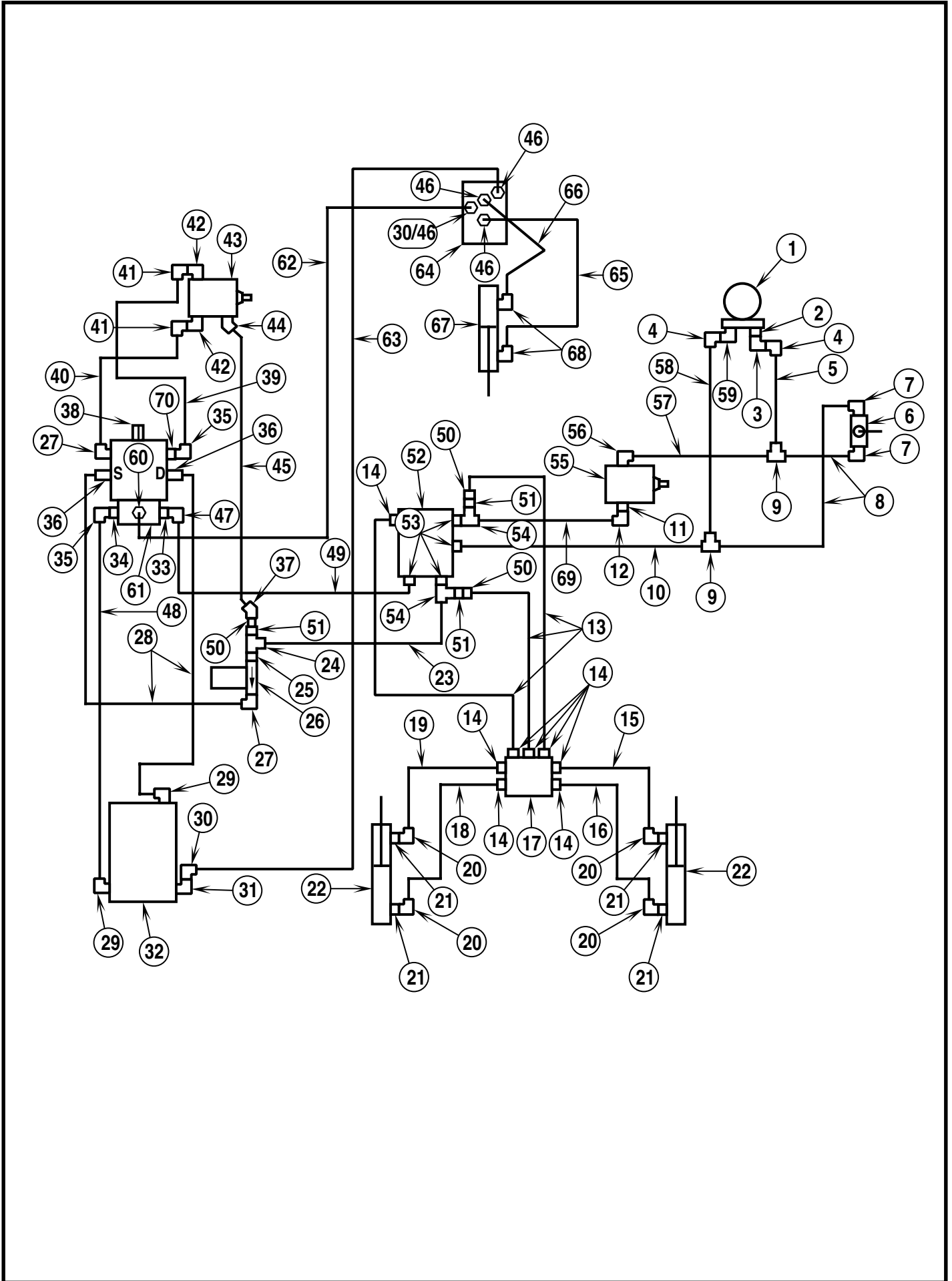




## HYDRAULIC DIAGRAM (BEFORE SN 1206198)

Item	Part No.	Qty	Description	Item	Part No.	Qty	Description
1	56479609	1	Side Broom Motor	41	56456947	2	Elbow
2	56479769	1	Nipple	42	56456953	2	Elbow
3	56479771	1	Elbow	43	56456902	1	Drive Motor
4	56900542	2	Elbow	*	56479577	1	Seal Kit for Drive Motor
5	56496215	1	Hose	44	56900151	1	Elbow
6	56496273	1	Valve	45	56456955	1	Hose
	56482156	1	Side Broom Valve Assembly	46	56900003	4	Connector
7	56900104	2	Elbow	47	56900304	1	Elbow
8	56479695	2	Hose	48	56482595	1	Hose
9	56900444	2	Tee	49	56496215	1	Hose
10	56482595	1	Hose	50	56900462	3	Reducer
11	56900560	1	Connector	51	56900504	3	Nut
12	56482140	1	Elbow	52	56482501	1	Control Valve
13	56490167	3	Hose		56482155	1	Control Valve Assembly
14	56900011	8	Connector	53	56900020	4	Connector
15	56496211	1	Hose	54	56900344	2	Tee
16	56456919	1	Hose	55	56479606	1	Main Broom Motor
17	56482686	1	Check Valve	*	56479577	1	Seal Kit for Broom Motor
18	56488745	1	Hose	56	56456989	1	Elbow
19	56488743	1	Hose	57	56479593	1	Hose
20	56488580	4	Elbow	58	56482033	1	Hose
21	56488577	4	Reducer	59	56479690	1	Elbow
22	56479646	2	Cylinder	60	56900013	1	Connector
23	56480916	1	Hose	61	56482572	1	Hydraulic Pump
24	56900204	1	Tee	62	56482591	1	Hose
25	56900604	1	Reducer	63	56482592	1	Hose
26	56456449	1	Filter Assy W/Filter	64	56477001	1	Steering Control Unit
*	56496209	1	Filter Element (length 9-7/16")	65	56482594	1	Hose
27	56900106	2	Elbow (bottom fitting on pump)	66	56482593	1	Hose
28	56456911	2	Hose	67	56482573	1	Steering Cylinder
29	56900585	2	Elbow	68	56900101	2	Elbow
30	56900303	2	Elbow	69	56496216	1	Hose
31	56900581	1	Elbow	70	56900321	1	Elbow
32	56482151	1	Reservoir	*	56016218	1	Decal, Hydraulic
	56482153	1	Reservoir Assembly				
33	56900015	1	Connector				
34	56900018	1	Connector				
35	56900306	1	Elbow				
36	56900116	1	Elbow (top fitting on pump)				
37	56900117	2	Elbow				
38	56456968	1	Hydraulic Pump				
39	56456940	1	Hose				
40	56456943	1	Hose				

\* = Not Shown



## HYDRAULIC DIAGRAM (AFTER SN 1206197)

Item	Part No.	Qty	Description	Item	Part No.	Qty	Description
1	56479609	1	Side Broom Motor	41	56456947	2	Elbow
2	56479769	1	Nipple	42	56456953	2	Elbow
3	56479771	1	Elbow	43	56456902	1	Drive Motor
4	56900542	2	Elbow	*	56479577	1	Seal Kit for Drive Motor
5	56496215	1	Hose	44	56900151	1	Elbow
6	56496273	1	Valve	45	56456955	1	Hose
	56482156	1	Side Broom Valve Assembly	46	56900003	4	Connector
7	56900104	2	Elbow	47	56900304	1	Elbow
8	56479695	2	Hose	48	56482595	1	Hose
9	56900444	2	Tee	49	56496215	1	Hose
10	56482595	1	Hose	50	56900462	3	Reducer
11	56900560	1	Connector	51	56900504	3	Nut
12	56482140	1	Elbow	52	56482501	1	Control Valve
13	56490167	3	Hose		56482155	1	Control Valve Assembly
14	56900011	8	Connector	53	56900020	4	Connector
15	56496211	1	Hose	54	56900344	2	Tee
16	56456919	1	Hose	55	56479606	1	Main Broom Motor
17	56482686	1	Check Valve	*	56479577	1	Seal Kit for Broom Motor
18	56488745	1	Hose	56	56456989	1	Elbow
19	56488743	1	Hose	57	56479593	1	Hose
20	56488580	4	Elbow	58	56482033	1	Hose
21	56488577	4	Reducer	59	56479690	1	Elbow
22	56479646	2	Cylinder	60	56900013	1	Connector
23	56480916	1	Hose	61	56482572	1	Hydraulic Pump
24	56900204	1	Tee	62	56482591	1	Hose
25	56900604	1	Reducer	63	56482592	1	Hose
26	56456449	1	Filter Assy W/Filter	64	56477001	1	Steering Control Unit
*	56496209	1	Filter Element (length 9-7/16")	65	56482594	1	Hose
27	56900106	1	Elbow	66	56482593	1	Hose
28	56456911	2	Hose	67	56482573	1	Steering Cylinder
29	56900585	2	Elbow	68	56900101	2	Elbow
30	56900303	2	Elbow	69	56496216	1	Hose
31	56900581	1	Elbow	70	56900006	1	Connector O-Ring
32	56482151	1	Reservoir	*	56016218	1	Decal, Hydraulic
	56482153	1	Reservoir Assembly				
33	56900015	1	Connector				
34	56900018	1	Connector				
35	56900306	2	Elbow				
36	56900486	2	Connector, O-Ring				
37	56900321	1	Elbow				
38	56497918	1	Hydraulic Pump				
39	56456940	1	Hose				
40	56456943	1	Hose				

\* = Not Shown



Nilfisk-Advance, Inc.  
14600 21st Avenue North  
Plymouth, MN, 55447-3408  
[www.nilfisk-advance.com](http://www.nilfisk-advance.com)  
Phone: 800-989-2235  
Fax: 800-989-6566  
©2002 Nilfisk-Advance, Inc.,  
Plymouth, MN 55447-3408  
Printed in the U.S.A.