



Electronic Service Manuals

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TABLE OF CONTENTS - CHAPTER 2

Main Broom Lever	2-4
Main Broom Drive - Battery	2-6
Main Broom Lift	2-8
Main Broom Driver	2-9
Main Broom Idler	2-10
Side Broom - Battery	2-11
Side Broom	2-12
Side Broom Pulley	2-13
Side Broom Lever	2-14
Side Broom Lift System	2-16
Broom Chamber Flaps & Seals	2-18
Lower Door	2-20
Hopper (Variable Dump)	2-22
Hopper (Low Dump)	2-26
Hopper Lid/Cover (Variable Dump)	2-28
Hopper Lid/Cover (Low Dump)	2-29
Hopper Dump Door	2-30
Hopper Door Cylinder	2-31
Hopper Control Valve - Battery (Variable Dump)	2-32
Hopper Control Valve - Gas/Diesel (Variable Dump)	2-33
Hopper Control Valve - Battery (Low Dump)	2-34
Hopper Control Valve - Gas/Diesel (Low Dump)	2-35
Scrub Deck (46") - Battery	2-36
Scrub Deck (46") - Gas/Diesel	2-39
Scrub Deck & Squeegee (53") - Battery	2-42
Scrub Deck & Squeegee (53") - Gas/Diesel	2-50
Side Squeegees (46")	2-54
Rear Squeegees (46")	2-55
Squeegee Lift - Battery	2-56
Squeegee Lift - Gas/Diesel	2-58
Swing Squeegee Support	2-60
Solution Tank	2-62
Solution Feed	2-64
Recovery Tank	2-66
Recovery Drain System	2-68
Front Bumper	2-69
Front Wheel	2-70
Wheel Well Flap	2-71
Rear Wheel Assembly	2-72
Brake Pedal	2-74
Forward/Reverse Control - Battery	2-76
Forward/Reverse Control - Gas/Diesel	2-78
Frame	2-80
Steering Column	2-82
Vac Fan - Battery	2-84
Vac Fan - Gas/Diesel	2-85
Vac Motor Manifold	2-86
Filter Shaker	2-88
Safety Arm	2-90
Safety Arm (Low Dump)	2-91
Console	2-92
Seat And Floor Assembly	2-94
Pump Assembly, Wheel Drive - Battery	2-96
Hydraulic Hose Diagram - Gas/Diesel (Variable Dump)	2-100
Hydraulic Hose Diagram - Gas/Diesel (Low Dump)	2-102
Main Broom Hydraulics	2-104
Side Broom Hydraulics	2-105

TABLE OF CONTENTS - CHAPTER 2

Hopper Lift Hydraulics	2-106
Hopper Dump Door Hydraulics	2-107
Hopper Control Check Valve Hydraulics - Gas/Diesel (Variable Dump)	2-108
Scrub Deck Hydraulics	2-109
Scrub Deck Lift Hydraulics - Battery	2-110
Scrub Deck Lift Hydraulics - Gas/Diesel	2-111
Squeegee Lift Hydraulics	2-112
Hydraulic Reservoir - Battery	2-113
Hydraulic Reservoir (Piston Pump)	2-114
Wheel Drive Hydraulics	2-116
Hydraulic Forward/Reverse Valve	2-117
Hydraulic Pump - Gas/Diesel	2-118
Hydraulic Main Control Valve - Gas/Diesel	2-120
Hydraulic Cylinder Control Valve - Gas/Diesel	2-122
Hydraulic Return Block	2-124
Vac Fan Hopper Hydraulics	2-126
Steering 90° - 90° Hydraulics	2-127
Engine Covers - Battery	2-128
Engine Covers - Gas/Diesel	2-130
Fuel Tank - Gas	2-132
Fuel Tank - Diesel	2-133
Fuel System - Diesel	2-134
Ford 413 Gas Engine	2-136
Perkins 104.19 Diesel Engine	2-138
Muffler - Gas	2-140
Muffler and Alternator Mounting - Diesel	2-142
Radiator and Shroud - Gas	2-144
Radiator and Shroud - Diesel	2-145
Electrical Assembly - Battery	2-146
Battery Electrical Assembly - Gas, LP, Diesel	2-148
Instrument Panel - Battery	2-150
Electrical Assembly Power Panel - Battery	2-152
Power Panel Assembly Connection Drawing - Battery	2-154
Electrical Harness Routing - Gas	2-155
Electrical Harness Routing - Diesel	2-156
Decals	2-158
Throttle Control	2-160

MAIN BROOM LEVER - PARTS LIST

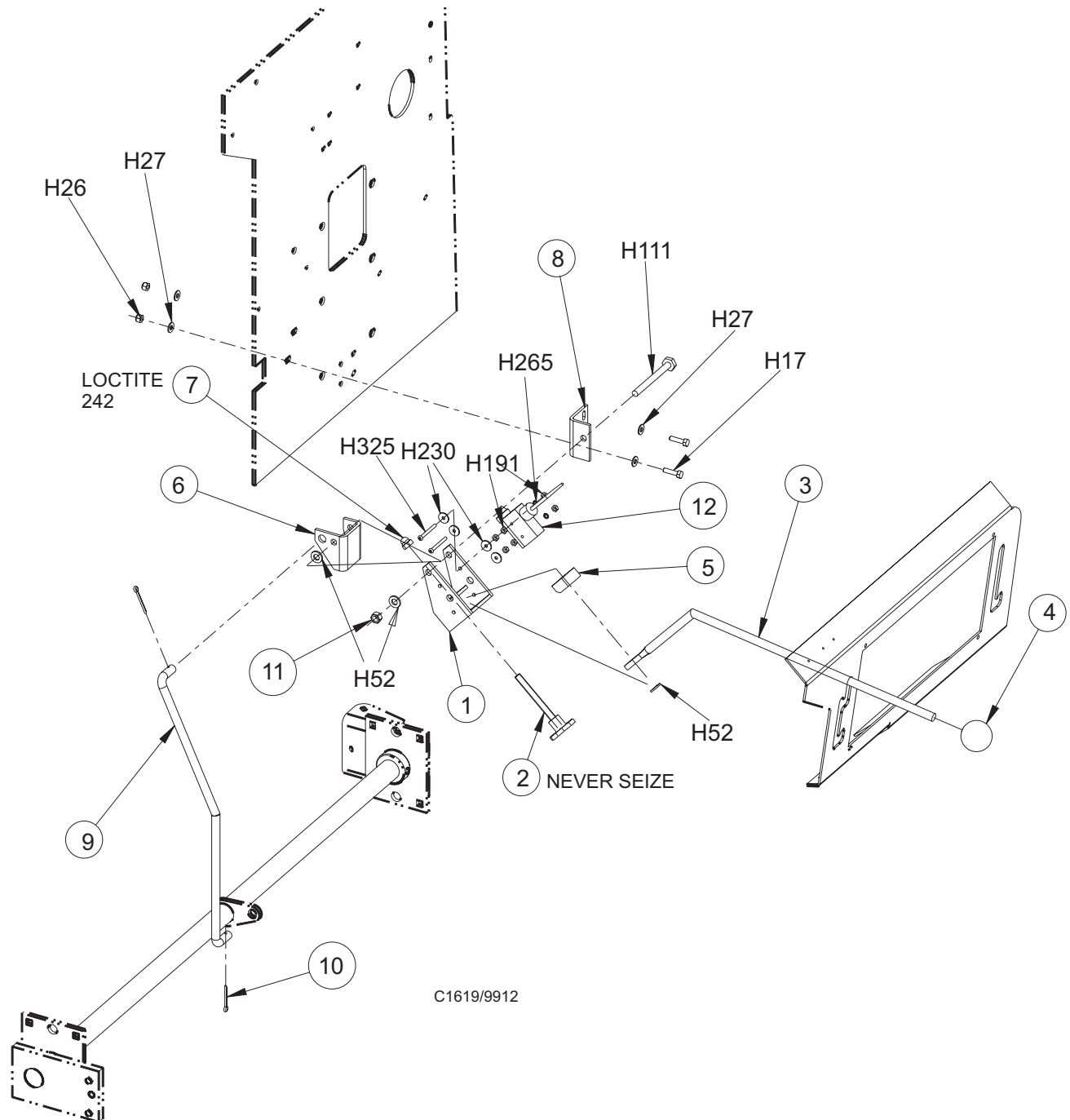
<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	8-08-00773	Broom Lift MB/SB Weldment	1
2	8-39-00013	Knob Assembly	1
3	7-66-00169	Lever Handle	1
4	8-39-00003	Control Knob Small	1
5	8-50-03002	Broom Adj Block	1
6	7-08-00850	Adj Angle/MB	1
7	2-00-00650	3/8-16 Low Crown Nut	1
8	8-08-00779	Pivot - MB Lift	1
9	7-66-00168	Rod - MB Linkage	1
10	2-00-00776	Cotter Pin	2
11	2-95-04182	Nut - Elastic Stop Nut	1
12	8-82-00058	Switch	1

HARDWARE USED:

H17	2-00-00205	Screw, 1/4-20 x 1.000 HHC	2
H26	2-00-00641	Nut, 1/4-20 Insert Fiber	2
H27	2-00-03702	Washer, .625 x .281 x .063	4
H52	2-00-00402	Flat Washer, .750 x .390 x .094	3
H111	2-00-03296	Screw, 3/8-16 x 4.000 HHC	1
H191	2-00-00602	Nut, MSCR - Hex. #8-32	6
H230	2-00-00466	Flat Washer, .625 x .203 x .031	4
H265	2-00-00506	Lock Washer, Int Tooth #8 Dia Screw	2
H325	2-00-00092	Screw, Ph. RHM #8-32 x 1.75 Zn.	2

C1619/9912

MAIN BROOM LEVER - EXPLODED VIEW



MAIN BROOM DRIVE - BATTERY - PARTS LIST

<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	7-03-04168-2	Arm-Main Broom Lift (Welded)	1
2	0782-110	Motor-36 VDC ½ HP 1200 RPM	1
3	7-60-00166	Pulley- Motor	1
4	7-57-05052	Pivot- Main Broom Arm	1
5	7-03-04167-1	Arm- Main Broom Drive	1
6	7-33-05126	Housing-Main Broom Pulley	1
7	2-00-03306	Bearing-Ball	1
8	2-00-04889	Bearing-Main Broom Idler	1
9	7-60-00173	Pulley- Main Broom Drive (Welded)	1
10	2-95-04182	Nut- 3/8-16 Elastic Stop Nut	9
11	7-45-05002	Lug-Main Broom Drive	2
12	2-00-01056	V Belt	1
13	7-16-07407	Cover-Main Broom Idler	1
14	8-75-01157	Thrust Washer	1
15	7-31-07028	Hanger - Main Broom Spring	1
16	7-76-00118	Spring - Main Broom Counterbalance	1

HARDWARE USED:

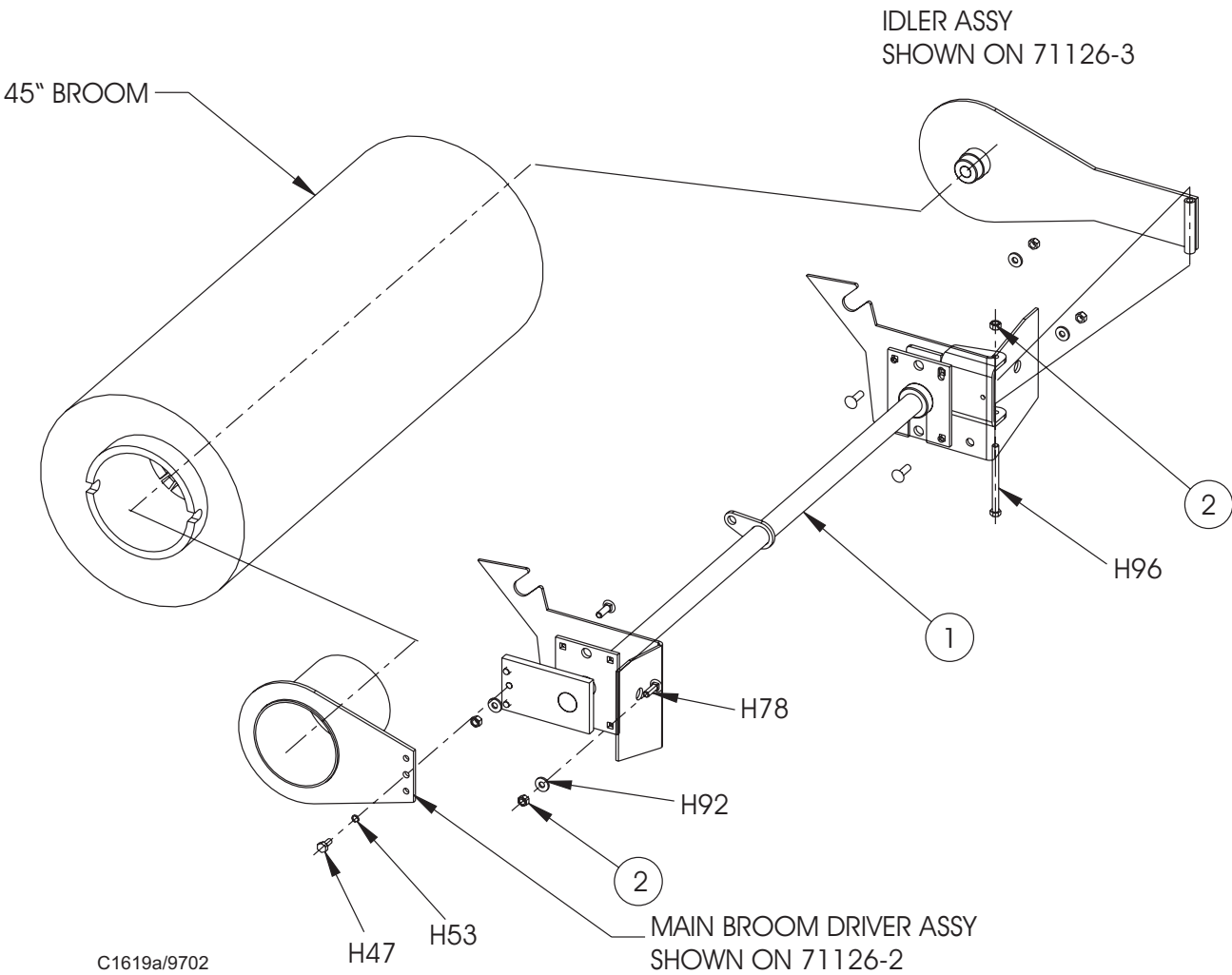
H15	2-00-00221	Screw, 1/4-20 x .750 HHC	4
H47	2-00-00232	Screw, 3/8-16 x .750 HHC	3
H48	2-00-00233	Screw, 3/8-16 x 1.000 HHC	4
H50	2-00-00234	Screw, 3/8-16 x 1.500 HHC	2
H52	2-00-00402	Flat Washer, .750 x .390 x .094	6
H53	2-00-02310	Lock Washer, Helical Spring 3/8 Med	3
H62	2-00-00405	Flat Washer, 1.063 x .531 x .094	1
H65	2-00-04936	Nut, 1/2-13 Fiber Lock	1
H72	2-00-00518	Lock Washer, Helical Spring	4
H74	2-00-03170	Flat Washer, 1.500 x .750 x .125	1
H78	2-00-05187	Carriage Bolt, 3/8-16 x 1.250	2
H96	2-00-02605	Screw, 3/8-16 x 4.500 HHC, Cadum Plated	1
H107	2-00-04887	Screw	1
H109	2-00-00522	Lock Washer, ¾ Helical Spring	1
H142	2-00-05244	Carriage Bolt, 1/2-13 x 2.00	1
H171	2-00-02371	Nut, Hex Jam .50-13 STL.	1

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American-Lincoln Technology
ATS 46/53



MAIN BROOM LIFT



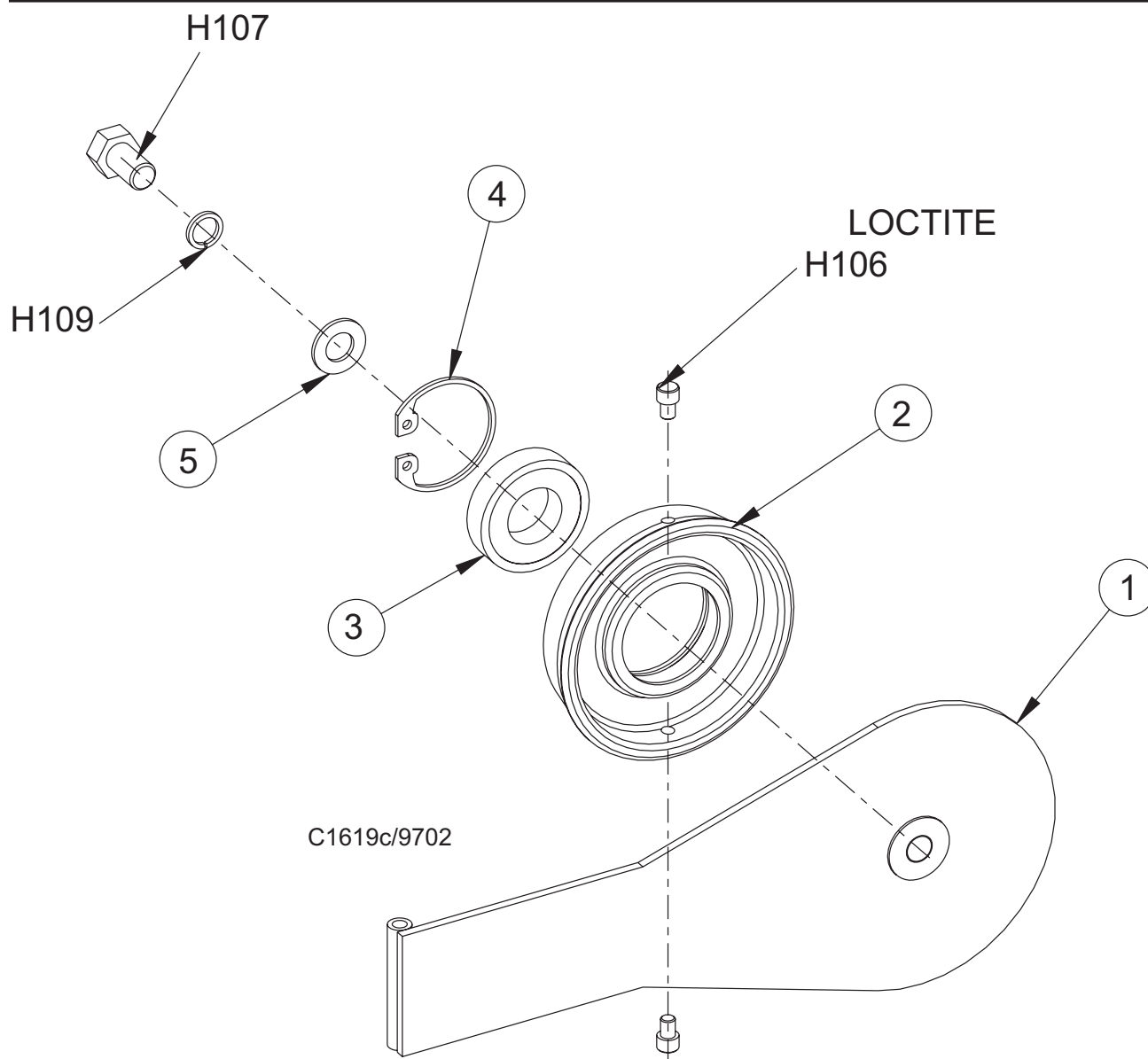
KEY NO.	PART NUMBER	DESCRIPTION	QTY.
1	7-03-04155	Main Broom Lift Frame	1
2	2-95-04182	Nut - Elastic Stop	5

HARDWARE USED:

H47	2-00-00232	Screw, 3/8-16 x .750 HHC	1
H53	2-00-02310	Lock Washer, Helical Spring 3/8 Med.	1
H78	2-00-05187	Carriage Bolt, 3/8-16 x 1.250	4
H92	2-00-04801	Flat Washer, .875 x .375 x .125	4
H96	2-00-02605	Screw, 3/8-16 x 4.500 HHC Cad Plate	1

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MAIN BROOM IDLER

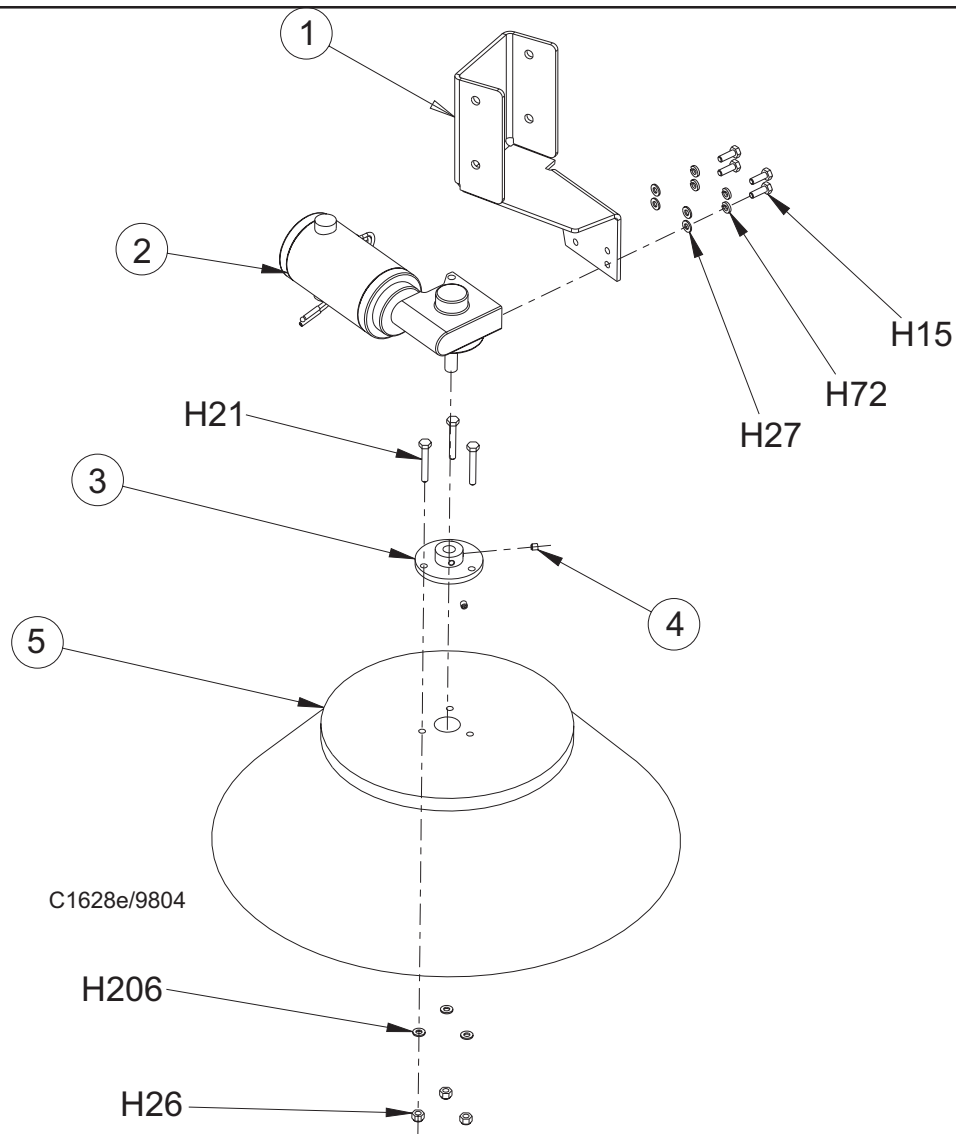


<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	7-03-04158	Broom Idler Arm - Weldment	1
2	8-33-09090	Idler Machined	1
3	2-00-04889	Bearing	1
4	2-00-04890	Clip - Retainer	1
5	8-75-01157	Washer	1

HARDWARE USED:

H106	2-00-04886	Screw, 3/8-16 x .500 HSHC	2
H107	2-00-04887	Screw	1
H109	2-00-00522	Lock Washer, 3/4 Helical Spring	1

C1619c

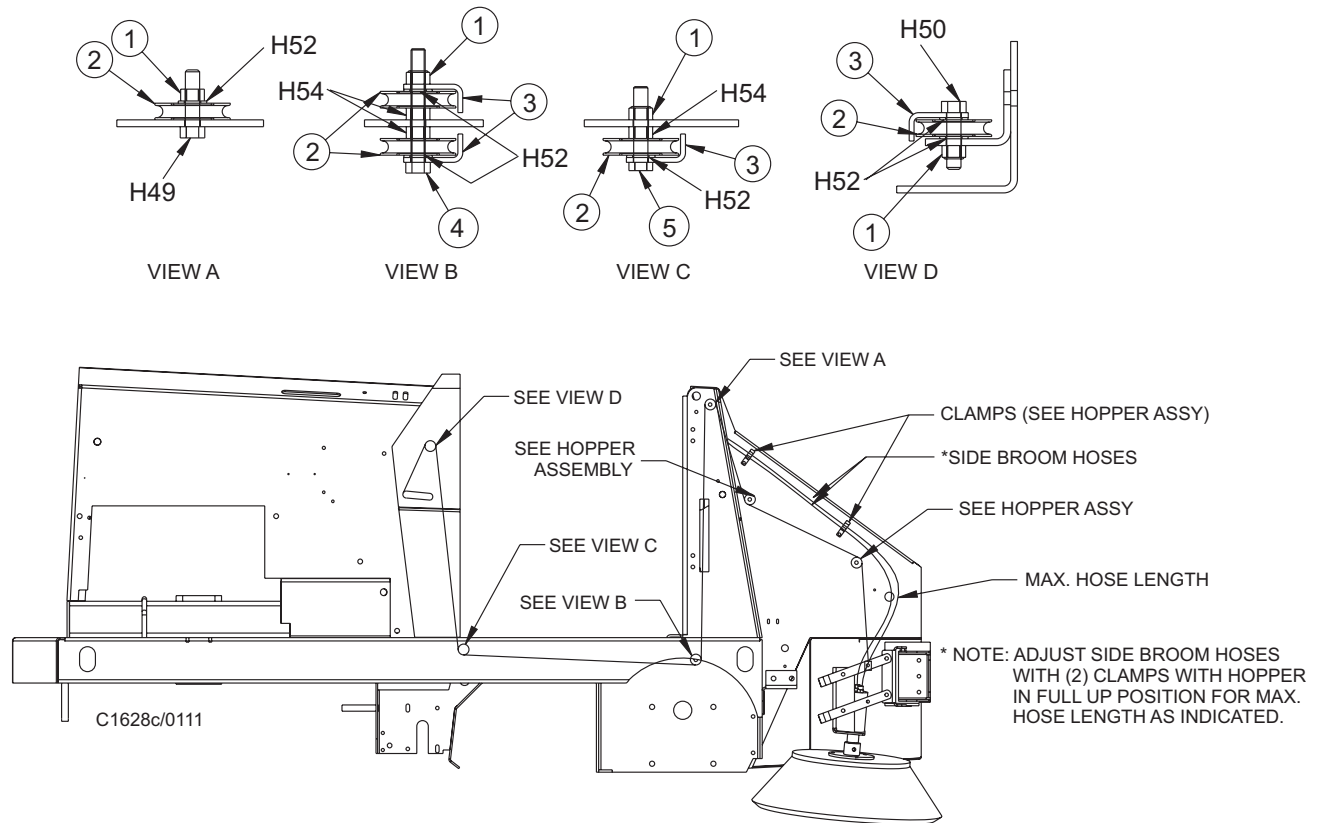


<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	7-08-00902	Bracket-Side Broom	Ref.
2	0885-082	Motor Gear Unit-Side Broom	1
3	7-25-06035	Flange-Broom Mount	1
4	2-00-00263	Set Screw-HS Knurled Cup Pt. #10-24 x 3/8	2
5	8-08-03140	Broom-Curb	13

HARDWARE USED:

H15	2-00-00221	Screw, 1/4-20 x .750 HHC	4
H21	2-00-01769	Screw, 1/4-20 x 1.750 HHC	3
H26	2-00-00641	Nut, 1/4-20 Insert Fiber	3
H27	2-00-03702	Washer, .625 x .281 x .063	4
H72	2-00-00518	Lock Washer, Helical Spring	4
H206	2-00-00407	Washer, Flat .562 x .265	7

C1628e/9804



KEY NO.	PART NUMBER	DESCRIPTION	QTY.
1	2-95-04182	Fiber Nut	4
2	7-60-00160	Pulley - Cable	Ref.
3	7-13-07130	Clip - Cable Retainer	Ref.
4	2-00-05384	Screw, 3/8-16 x 3.000 HHC	1
5	2-00-00235	Screw, 3/8-16 x 1.750 HHC	1

HARDWARE USED:

H49	2-00-00209	Screw, 3/8-16 x 1.250 HHC	1
H50	2-00-00234	Screw, 3/8-16 x 1.500 HHC	1
H52	2-00-00402	Flat Washer, .750 x .390 x .094	4
H54	2-00-02360	Nut, Hex. 3/8-16	3

C1628c/0111

SIDE BROOM LEVER - PARTS LIST

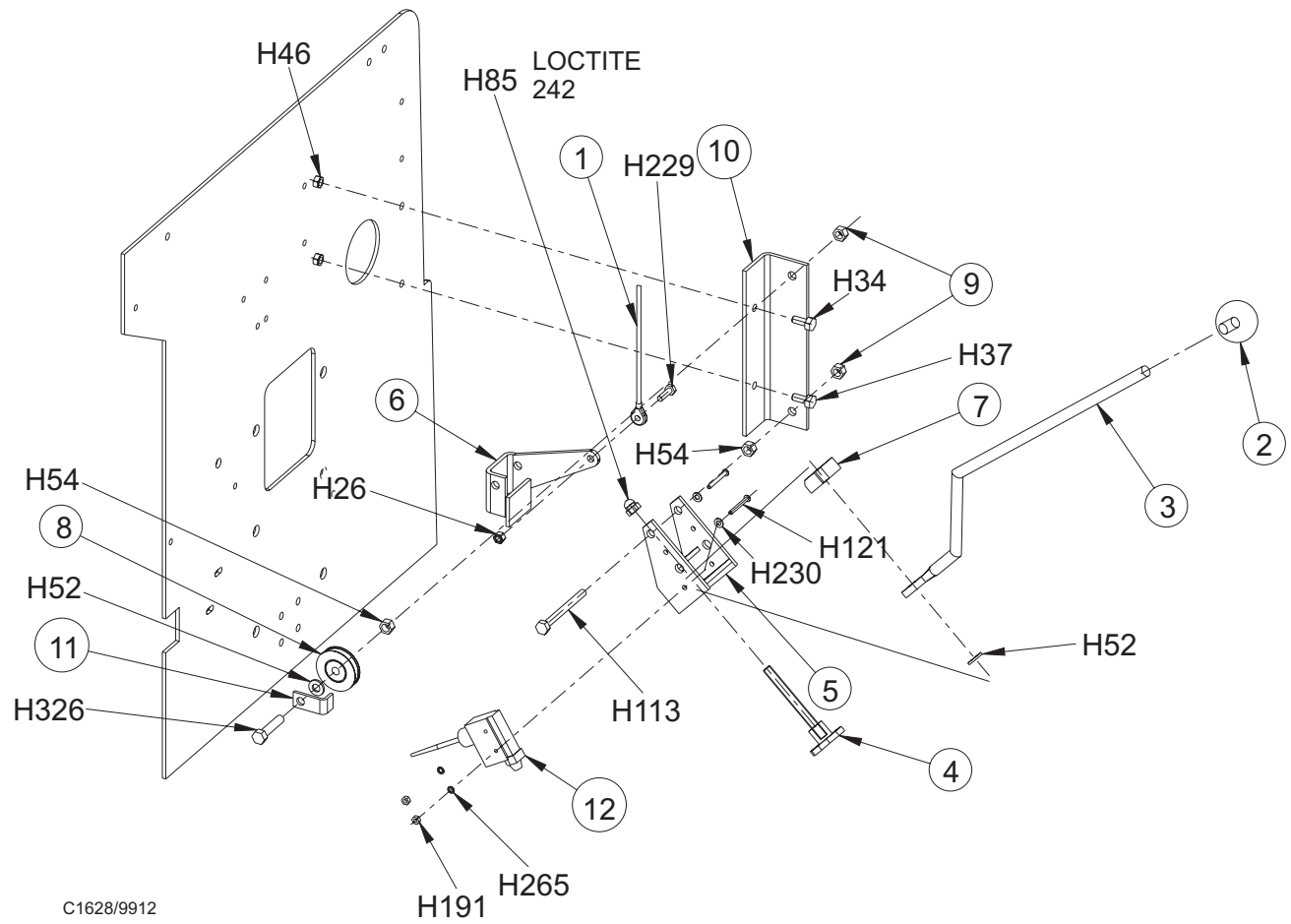
<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	7-10-00030	Cable	Ref.
2	8-39-00003	Control Knob	1
3	7-66-00170	Lever Handle - SB	1
4	8-39-00013	Knob Assembly	1
5	8-08-00773	Broom Lift - MB-SB Weldment	1
6	8-08-00866	Bracket - Angle Adj.-SB	1
7	8-50-03002	Broom Adj Block	1
8	7-60-00160	Pulley, Cable	4
9	2-95-04182	Fiber Nut	2
10	7-08-00851	Bracket - Angle Adj.-SB	1
11	7-13-07130	Clip - Cable Retainer	4
12	8-82-00058	Switch	1

HARDWARE USED:

H26	2-00-00641	Nut, 1/4-20 Insert Fiber	1
H34	2-00-00208	Screw, 5/16-18 x .750 HHC	1
H37	2-00-00207	Screw, 5/16-18 x 1.250 HHC	1
H46	2-00-00644	Nut, 5/16-18 Insert Fiber	2
H52	2-00-00402	Flat Washer, .750 x .390 x .094	2
H54	2-00-02360	Nut, Hex. 3/8-16	2
H85	2-00-00650	Nut, Cap 3/8-16 Low Crown	1
H113	2-00-03333	Screw, 3/8-16 x 3.750 HHC	1
H121	2-00-00090	Screw, #8-32 x 1.500 RHM	2
H191	2-00-00602	Nut, MSCA - Hex, 8-32	2
H229	2-00-01490	Screw, .25-20 x .875 HHC STL	2
H230	2-00-00466	Flat Washer, .625 x .203 x .031	2
H265	2-00-00506	Lock Washer, Int Tooth #8 Dia Screw	2
H326	2-00-00325	Screw HHC .375-16 x 1.75	1

C1628/9912

SIDE BROOM LEVER - EXPLODED VIEW



SIDE BROOM LIFT SYSTEM - PARTS LIST

<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	8-08-00790	Bracket - SB	1
2	8-08-00846	Pivot Bracket - SB	1
3	8-42-05136	Link - SB	2
4 *	7-08-00847	Bracket - SB	1
4 #	7-08-00902	Bracket - Side Broom	1
5	2-95-04182	Nut, Elastic Stop	13
6	7-66-00180	Rod - Threaded	1
7	8-14-01006	Clevis	1
8	2-95-01999	Nut-1/4-28 Hex Jam	1
9	7-10-00030	Cable	Ref.
10	7-76-00101	Spring	2

HARDWARE USED:

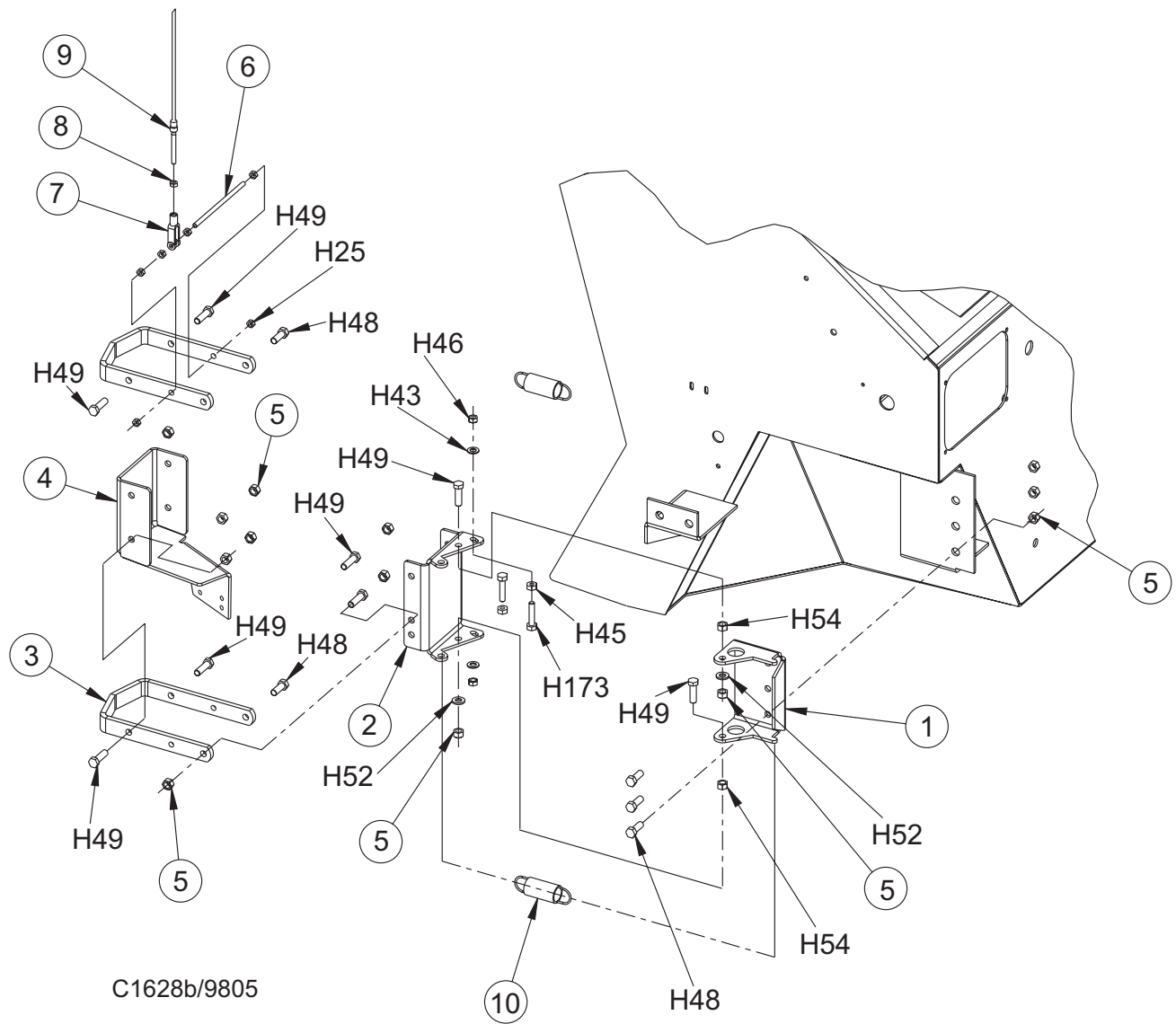
H25	2-00-00594	Nut, Hex, 1/4-20 x .437 x .218	6
H43	2-00-00409	Flat Washer, .687 x .344 x .062	2
H45	2-00-00585	Nut, Hex. 5/16-18 x .503 x .265	2
H46	2-00-00644	Nut, 5/16-18 Insert Fiber	2
H48	2-00-00233	Screw, 3/8-16 x 1.000 HHC	5
H49	2-00-00209	Screw, 3/8-16 x 1.250 HHC	8
H52	2-00-00402	Flat Washer, .750 x .390 x .094	4
H54	2-00-02360	Nut, Hex. 3/8-16	2
H173	2-00-02709	Screw, 5/16-18 x 1.500	2

* - Gas & Diesel Only

- Battery Only

C1628b/9704

SIDE BROOM LIFT SYSTEM - EXPLODED VIEW



BROOM CHAMBER FLAPS & SEALS - PARTS LIST

<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1 *	7-25-08071	Flap - BC Outer	1
1 #	7-25-08076	Flap - Broom Chamber - Inner	1
2 *	7-13-07167	Clamp - BC Outer	1
2 #	7-13-07180	Clamp - Broom Chamber Flap - Inner	1
3 *	7-25-08072	Flap - BC Inner	1
3 #	7-25-08075	Flap - Broom Chamber - Outer	1
4 *	7-13-07168	Clamp - BC Inner	1
4 #	7-13-07181	Clamp - Broom Chamber Flap - Outer	1
5	8-29-00257	Gasket	1
6	8-29-00234	Gasket	1
7	8-29-00233	Gasket	1
8	7-29-00217	Gasket- Broom Doors	1
9	8-29-00256	Gasket	1
10	8-29-00232	Gasket- Broom Chamber	1
11	8-79-00030	Static Strap	1
12	7-21-03003	Edging	2

HARDWARE USED:

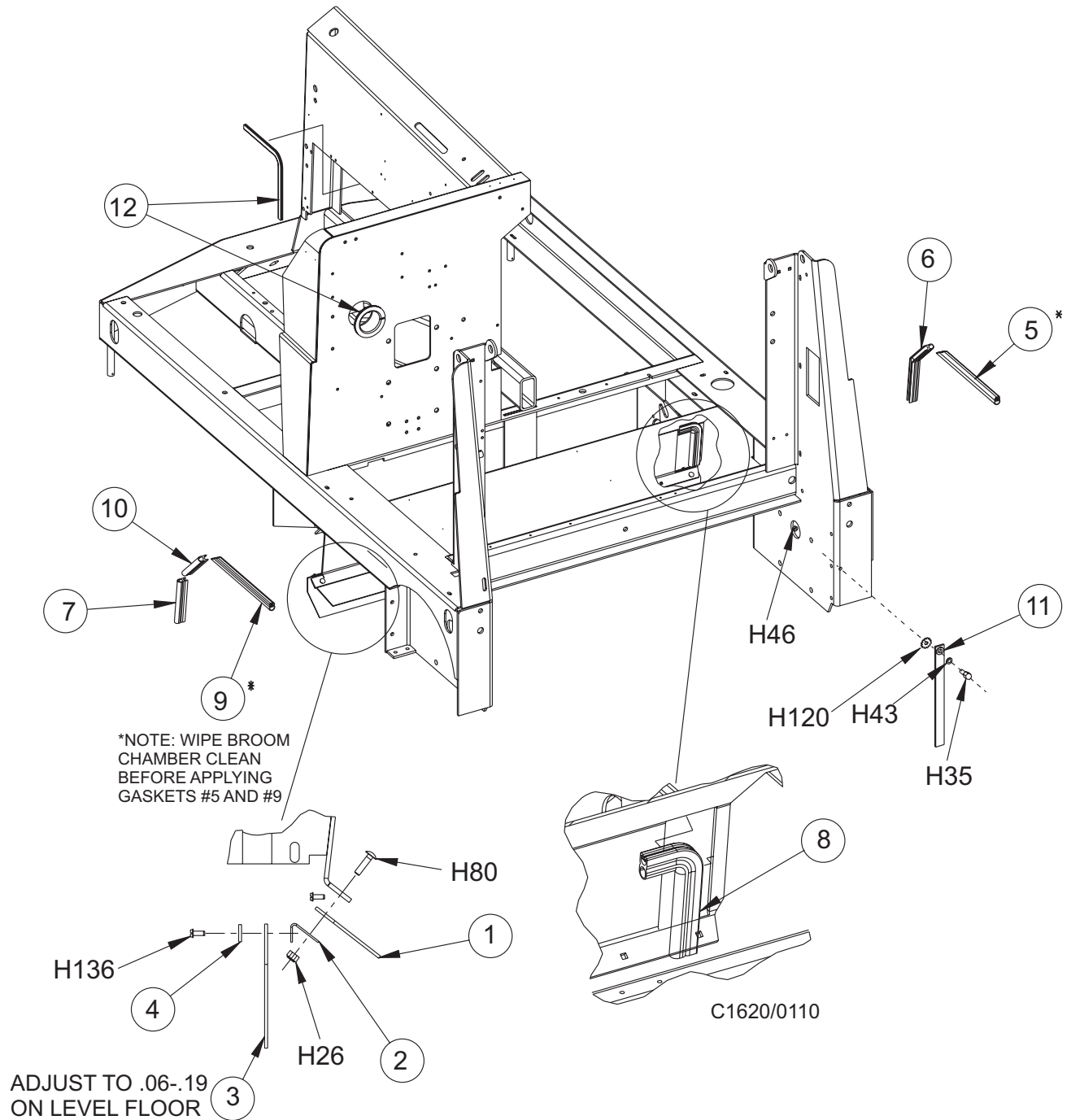
H26	2-00-00641	Nut, 1/4 Fiber Insert	7
H35	2-00-02708	Screw, 5/16-18 X 1.000 HHC	1
H43	2-00-00409	Flat Washer, .687 x .344 x .062	1
H46	2-00-00644	Nut, 5/16-18, Insert Fiber	1
H80	2-00-02196	Carriage Bolt, 1/4-20 X 1.000 HHC	7
H120	2-00-03829	Lock Washer, 3/8 Bolt	1
H136	2-00-03940	Screw, #10-24 x .500T/C HH	7

* - Gas & Diesel Only

- Battery Only

C1620/9911

BROOM CHAMBER FLAPS & SEALS - EXPLODED VIEW



LOWER DOOR - PARTS LIST

<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1 *	7-19-08057	Broom Door Weldment (RH)	1
1	7-89-15418	W/D Door Pivot MTG.	1
2	8-41-00052	Latch	2
3	7-57-05038	Pivot Retainer	2
4	8-39-00015	Latch Knob - Broom door	2
5 *	7-13-07171	Clamp	1
6 *	8-25-08212	Flap	1
7	8-13-07145	Clamp	2
8 *	7-19-08058	Broom Door Weldment (LH)	1
9	8-25-08212	Flap	1
10 #	7-19-08060	Door-Broom (L.H.)	1

HARDWARE USED:

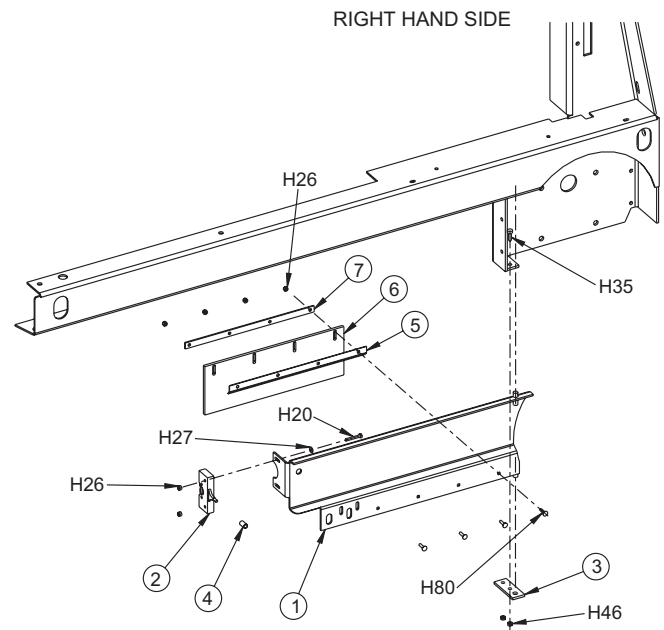
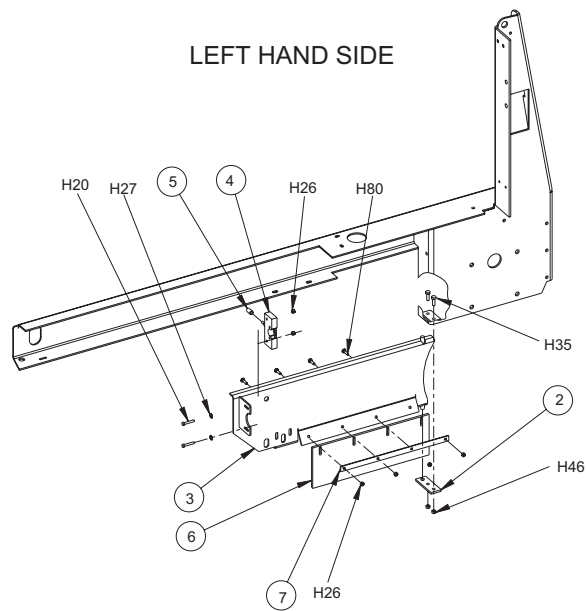
H20	2-00-00203	Screw, 1/4-20 x 1.500 HHC	2
H21	2-00-01769	Screw, 1/4-20 x 1.750	2
H26	2-00-00641	Nut, 1/4-20 Insert Fiber	10
H27	2-00-03702	Washer, .625 x .281 x .063	4
H35	2-00-02708	Screw, 5/16-18 x 1.000 HHM	4
H46	2-00-00644	Nut, 5/16-18 Insert Fiber	4
H80	2-00-02196	Carriage Bolt, 1/4-20 x 1.000 RHM	8

* - Gas & Diesel Only

- Battery Only

C1667/9912

LOWER DOOR - EXPLODED VIEW



C1667/9804

HOPPER (VARIABLE DUMP) - PARTS LIST

<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	7-32-06018	Hopper - Variable Dump	1
2	8-17-05022	Lift Cylinder	Ref.
3	7-25-08070	Hopper Flap	1
4	7-13-07173	Clamp - Hopper Flap	1
5	2-00-00566	Grease Zerk	2
6	7-55-08148	Pin - Hopper Pivot	2
7	2-00-05024	Washer	6
8	2-00-00776	Cotter Pin	4
9	8-55-08112	Pin - Cylinder	2
10	8-09-01082	Bushing - Star	1
11	8-09-01083	Bushing - Liq Tight	1
12	7-20-06012	Duct 6"	Ref.
13	8-20-06036	Duct 12"	Ref.
14	8-82-00058	Switch	1
15	2-00-05054	Hyd Fitting	Ref.
16	2-00-04589	Hydraulic Fitting 90°	Ref.
17	2-00-00092	Screw, #8-32 x .175 RHM	2

HARDWARE USED:

H9	2-00-00426	Flat Washer, .500 x .219 x .063	4
H25	2-00-00594	Nut, Hex. 1/4-20 x .437 x .218	2
H26	2-00-00641	Nut, 1/4-20 Insert Fiber	7
H46	2-00-00644	Nut, 5/16-18 Insert Fiber	2
H69	2-00-01255	Screw, 5/16-18 x .875 HHC	2
H86	2-00-03575	Carriage Bolt, 1/4-20 x .750	7
H89	2-00-01372	Nut, Fiber Insert #8-32 Steel	2

C1671/9707

Diagram illustrating the assembly of a mechanical component, showing various parts and their assembly points:

- 1: Main structural frame.
- 2: Long cylindrical component.
- 3: Base plate.
- 4: Sliding plate.
- 5: GREASE application point.
- 6: Small cylindrical component.
- 7: Small cylindrical component.
- 8: Small cylindrical component.
- 9: Small cylindrical component.
- 10: Small cylindrical component.
- 11: Small cylindrical component.
- 12: Small cylindrical component.
- 13: Small cylindrical component.
- 14: Small cylindrical component.
- 15: Small cylindrical component.
- 16: Small cylindrical component.
- 17: Small cylindrical component.
- H25: Lubrication point.
- H26: Lubrication point.
- H46: Lubrication point.
- H69: Lubrication point.
- H86: Lubrication point.
- H89: Lubrication point.
- H9: Lubrication point.

Additional labels include C1671/9707 and H26.

HOPPER (VARIABLE DUMP) cont. - PARTS LIST

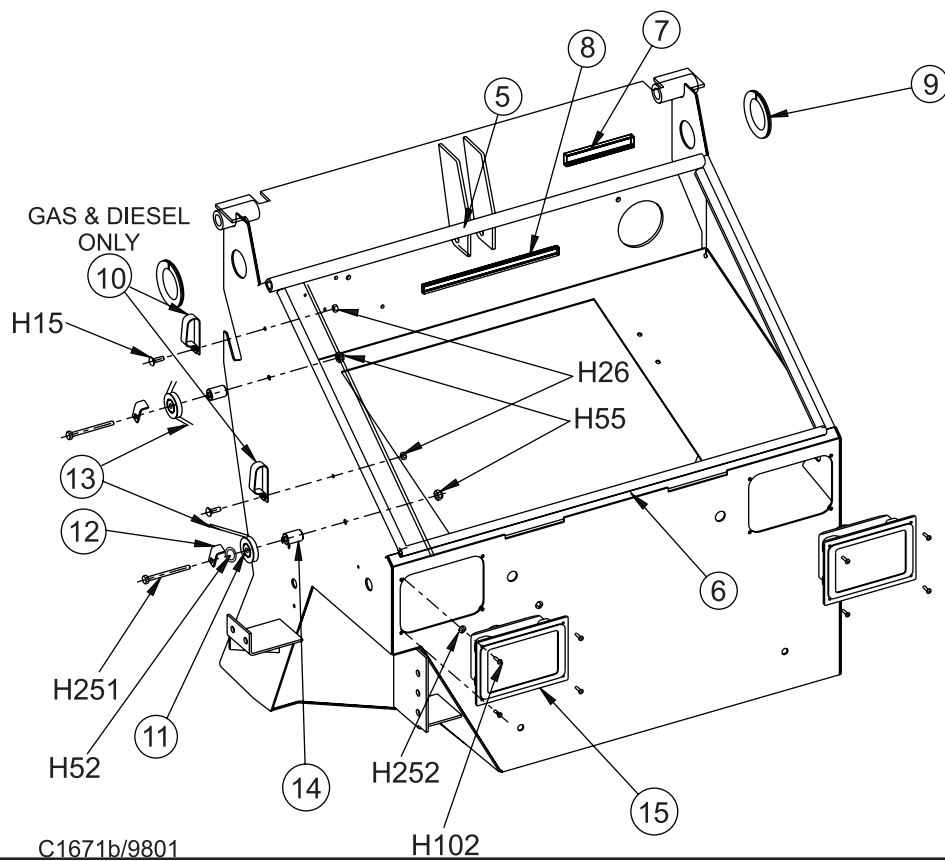
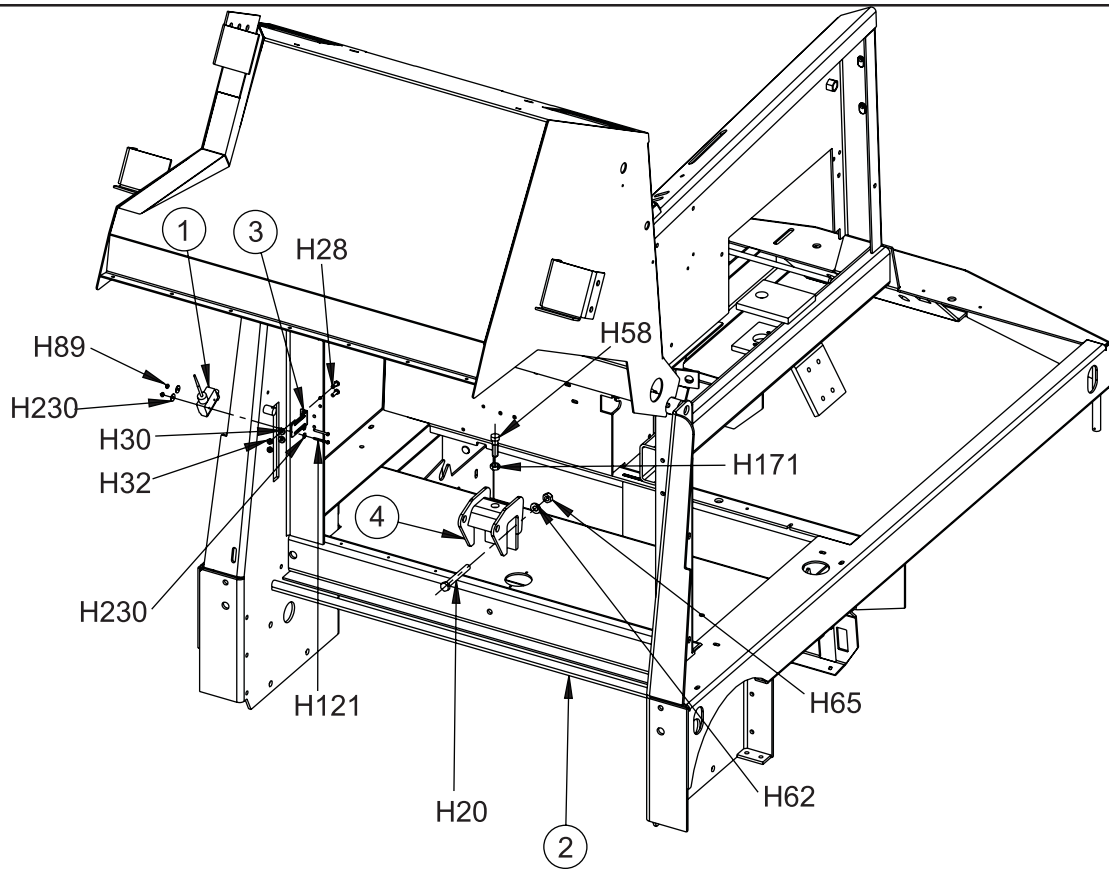
<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	8-82-00058	Switch	1
2	7-29-00240	Gasket	1
3	7-08-02017	Switch - Bracket	1
4	7-81-00190	Support - Cyl. Welded	1
5	7-32-06018	Hopper-Variable HT Dump	1
6	7-29-00239	Gasket - Hopper 85.0"	1
7	7-20-06012	Duct 6"	Ref.
8	8-20-05036	Duct 12"	Ref.
9	7-21-04022	Edging	2
10	2-00-04603	Clamp	2
11	7-60-00160	Pulley	2
12	7-13-07130	Clip-Cable Retainer	2
13	7-10-00030	Cable-Side Broom	Ref
14	7-75-01066	Spacer	2
15	8-40-05051	Head Light (Gas, Diesel)	2
15	8-40-05052	Head Light (Battery)	2

HARDWARE USED:

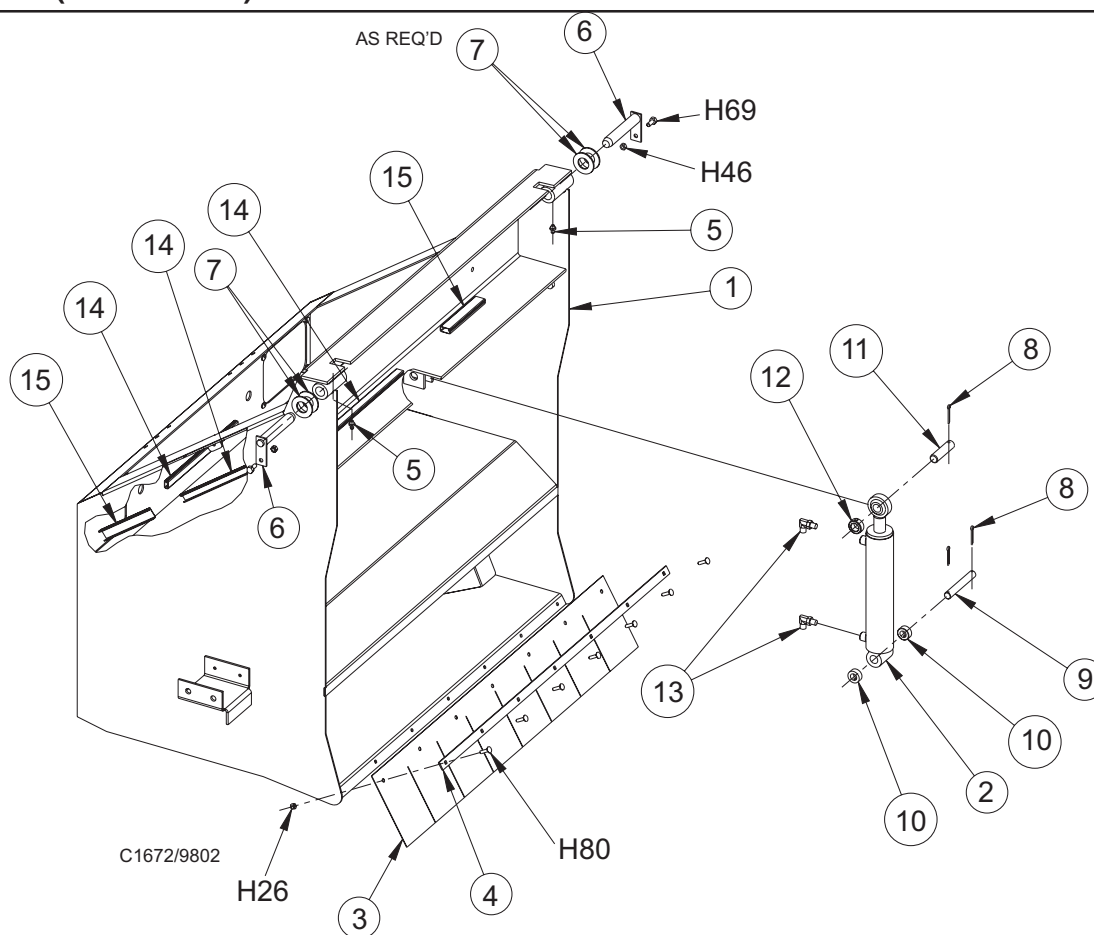
H15	2-00-00221	Screw, 1/4-20 x .750 HHC	2
H23	2-00-01980	Screw, 1/4-20 x 2.500 HHC	1
H25	2-00-00594	Nut, Hex 1/4-20 x .437 x .218	2
H26	2-00-00641	Nut, 1/4-20 Insert Fiber	2
H28	2-00-04685	Screw, 1/4-20 x .750 HHC	2
H30	2-00-04687	Lock Washer, Helical Spring 1/4 Med.	2
H32	2-00-04688	Nut, 1/4-20 Hex.	2
H52	2-00-00402	Flat Washer, .750 x .390 x .094	2
H55	2-00-00643	Nut, 3/8-16 Stop	2
H58	2-00-00241	Screw, 1/2-13 x 1.750 HHC	1
H62	2-00-00405	Flat Washer, 1.063 x .531 x .094	1
H65	2-00-04936	Nut, 1/2-13 Fiber Lock	1
H89	2-00-01372	Nut, Fiber Insert #8-32 Steel	2
H102	2-00-04795	Screw, #10-24 x .750 BHS	8
H121	2-00-00090	Screw, #8-32 x 1.500 RHM	2
H171	2-00-02371	Nut, Hex Jam 1/2-13 Steel	1
H251	2-00-02602	Screw, 3/8-16 x 2.750 HHC CAD. PL	2
H252	2-00-00600	Nut, Hex Heavy 3/8-16	4

C1671b/9805

HOPPER (VARIABLE DUMP) cont. - EXPLODED VIEW



HOPPER (LOW DUMP)

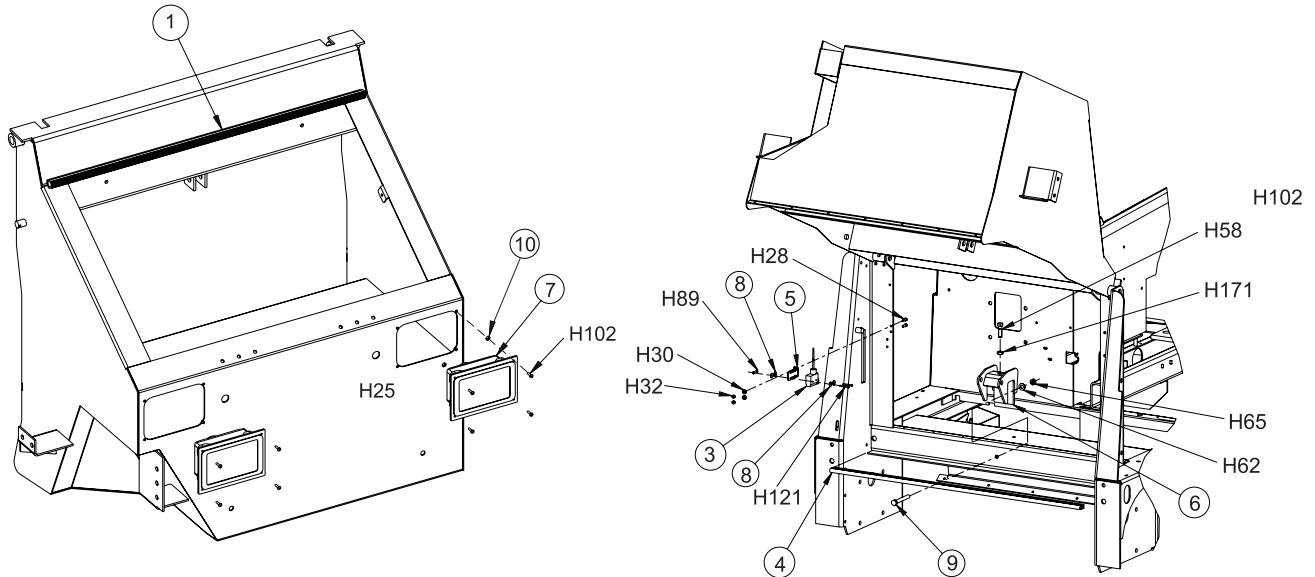


KEY NO.	PART NUMBER	DESCRIPTION	QTY.
1	7-32-06020	Hopper - Low Dump	1
2	8-17-05029	Lift Cylinder	Ref.
3	7-25-08070	Hopper Flap	1
4	7-13-07173	Clamp - Hopper Flap	1
5	2-00-00566	Grease Zerk	2
6	7-55-08148	Pin - Hopper Pivot	2
7	2-00-05024	Washer	4
8	2-00-00776	Cotter Pin	3
9	8-55-08112	Pin - Cylinder	1
10	8-15-01002	Collar - Locking .62 I.D.	2
11	8-55-08103	Pin - Cylinder	1
12	8-15-01003	Collar - Locking 3/4" I.D.	1
13	2-00-04892	Fitting - 90°	Ref.
14	8-20-06036	Duct - 12"	Ref.
15	7-20-06012	Duct - 6"	Ref.

HARDWARE USED:

H26	2-00-00641	Nut, 1/4-20 Insert Fiber	7
H46	2-00-00644	Nut, 5/16-18 Insert Fiber	2
H69	2-00-01255	Screw, 5/16-18 x .875 HHC	2
H80	2-00-02196	Carriage Bolt, 1/4-20 x 1.000 RHM	7

C1672/9802

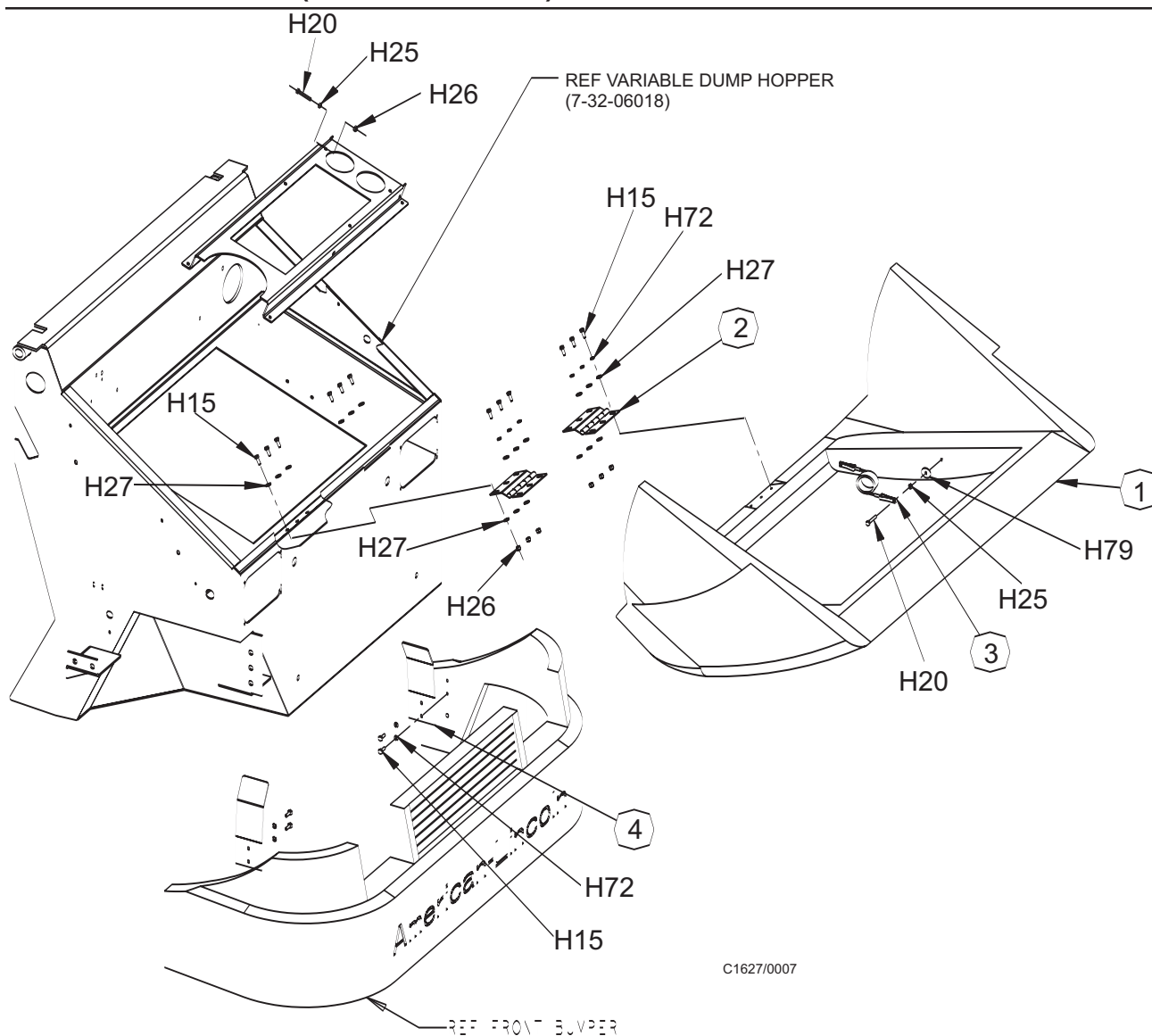


C1672b/9802

KEY NO.	PART NUMBER	DESCRIPTION	QTY.
1	7-29-00238	Gasket - 38.5"	1
2			
3	8-82-00058	Switch	1
4	7-29-00241	Gasket	1
5	7-08-02017	Bracket - Switch	1
6	7-81-00190	Support - Cylinder (Welded)	1
7	7-40-05051	Head Light (Gas, Diesel)	2
7	8-40-05052	Head Light (Battery)	2
8	2-00-00466	Flat Washer, .625 x .203 x .031	4
9	2-00-02617	Screw, 1/2-13 x 3.250 Cad. Pl.	1
10	2-00-00600	Nut, Hex Hvy. 3/8-16	4
HARDWARE USED:			
H28	2-00-04685	Screw, 1/4-20 x .750 HHC	2
H30	2-00-04687	Lock Washer, Helical Spring 1/4 Med.	2
H32	2-00-04688	Nut, 1/4-20 Hex	2
H58	2-00-00241	Screw, 1/2-13 x 1.750 BHS	1
H62	2-00-00405	Flat Washer, 1.063 x .531 x .094	1
H65	2-00-04936	Nut, 1/2-13 Fiber Lock	1
H89	2-00-01372	Nut, Fiber Insert #8-32 Steel	2
H102	2-00-04795	Screw, #10-24 x .750 BHS	8
H121	2-00-00090	Screw, #8-32 x 1.500 RHM	2
H171	2-00-02371	Nut, Hex Jam 1/2-13 STL.	1

C1672b/9802

HOPPER LID/COVER (VARIABLE DUMP)



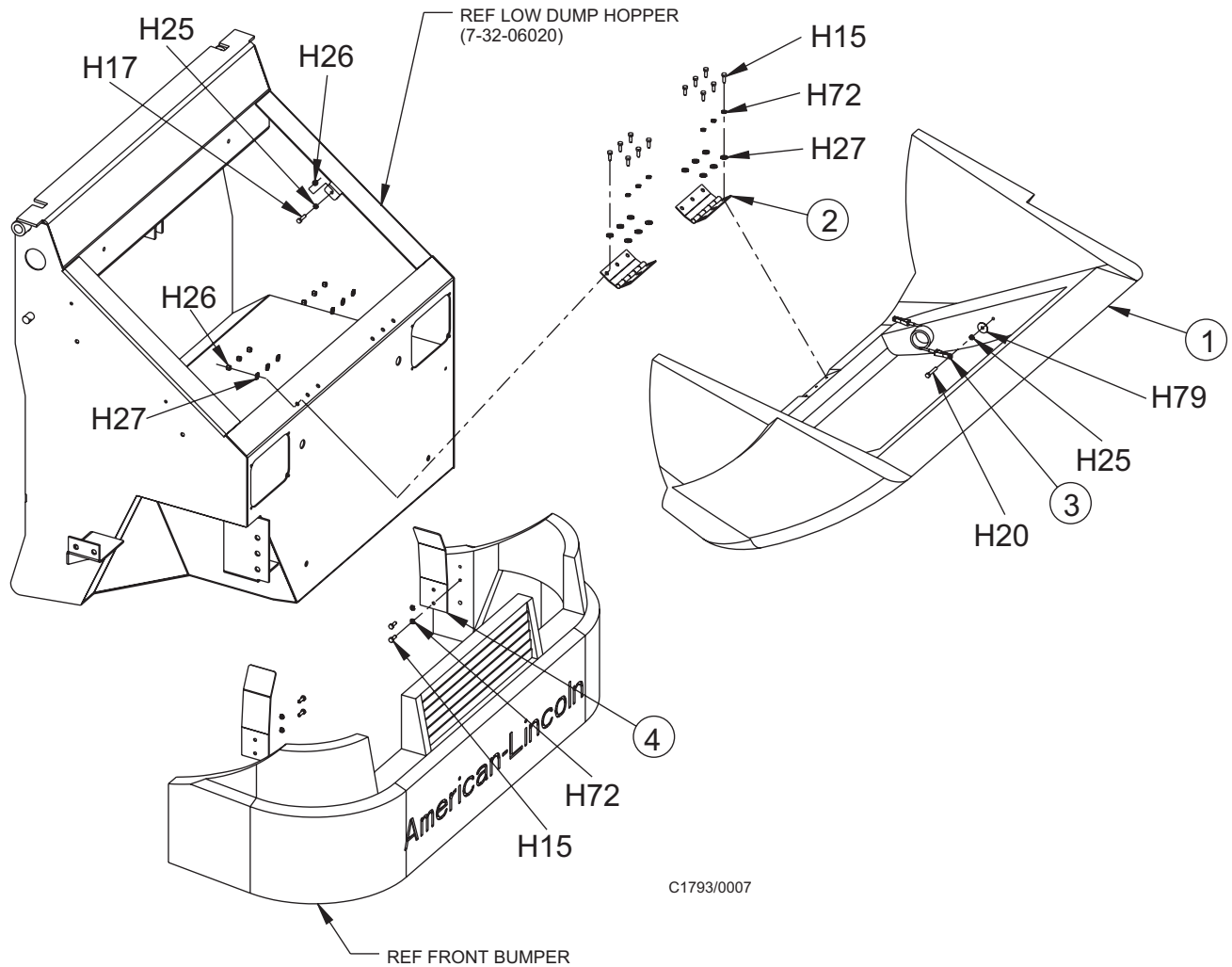
KEY NO.	PART NUMBER	DESCRIPTION	QTY.
1	7-16-07411	Hopper Cover	1
2	7-32-00039	Hinge (Variable Dump)	2
3	8-10-00027	Cable	1
4	7-41-00035	Latch Hopper Cover	2

HARDWARE USED:

H15	2-00-00221	Screw, 1/4-20 x .750 HHC	16
H20	2-00-00203	Screw, 1/4-20 x 1.500 HHC	2
H25	2-00-00594	Nut, Hex 1/4-20 x .437 x .218	2
H26	2-00-00641	Nut, 1/4-20 Insert Fiber	7
H27	2-00-03702	Washer, .625 x .218 x .063	18
H72	2-00-00518	Lock Washer, Helical Spring	10
H79	2-00-01676	Flat Washer, 1.062 x .265 x .062	1

C1627/0007

HOPPER LID/COVER (LOW DUMP)



KEY NO.	PART NUMBER	DESCRIPTION	QTY.
1	7-16-07411	Hopper Cover	1
2	7-32-00038	Hinge (Low Dump)	2
3	8-10-00027	Cable	1
4	7-41-00035	Latch Hopper Cover	2

HARDWARE USED:

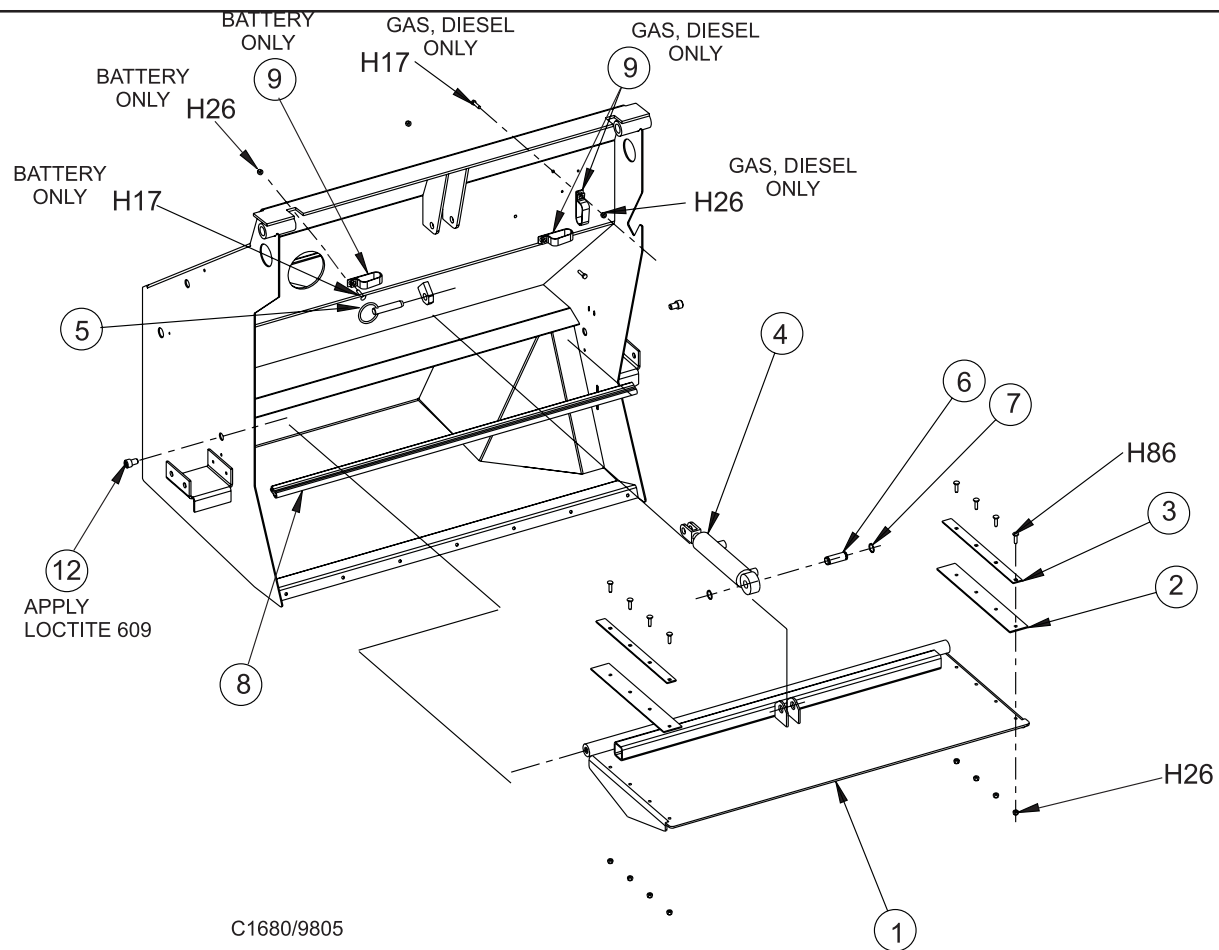
H15	2-00-00221	Screw, 1/4-20 x .750 HHC	16
H17	2-00-00205	Screw, 1/4-20 x 1.000 HHC	1
H20	2-00-00203	Screw, 1/4-20 x 1.500 HHC	1
H25	2-00-00594	Nut, Hex 1/4-20 x .437 x .218	2
H26	2-00-00641	Nut, 1/4-20 Insert Fiber	7
H27	2-00-03702	Washer, .625 x .218 x .063	18
H72	2-00-00518	Lock Washer, Helical Spring	10
H79	2-00-01676	Flat Washer, 1.062 x .265 x .062	1

C1793/0007

American-Lincoln Technology
ATS 46/53

2-29

HOPPER DUMP DOOR



KEY NO.	PART NUMBER	DESCRIPTION	QTY.
1	7-19-08056	Door - Hopper (Welded)	1
2	8-68-05087	Seal - Dump Door	2
3	8-13-07140	Clamp - Door Seal	2
4	7-17-05011	Cylinder	Ref.
5	7-55-08121	Pin - Door Cyl	1
6	8-55-08123	Pin - 3/7 Dia.	1
7	2-00-00540	Retaining Ring - 3/4 Dia.	2
8	7-29-00237	Gasket - Dump Door	1
9	2-00-04603	Clamp	*
10			
11			
12	7-23-03116	Screw, Special	2

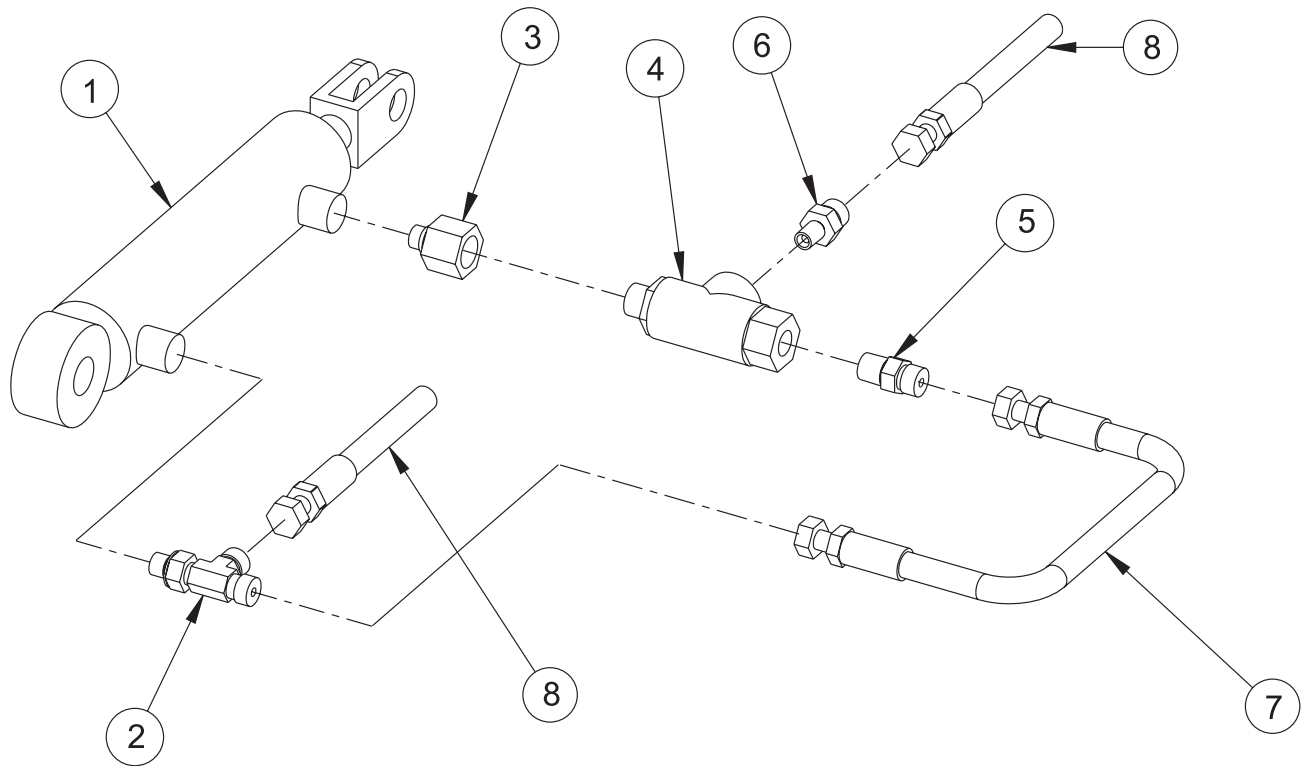
HARDWARE USED:

H17	2-00-00205	Screw, 1/4-20 x 1.000 HHC	2
H26	2-00-00641	Nut, 1/4-20 Insert Fiber	11
H86	2-00-03575	Carriage Bolt, 1/4-20 x .750	8

* Gas, Diesel Qty. 2
Battery Qty 1

C1680/9805

HOPPER DUMP DOOR CYLINDER

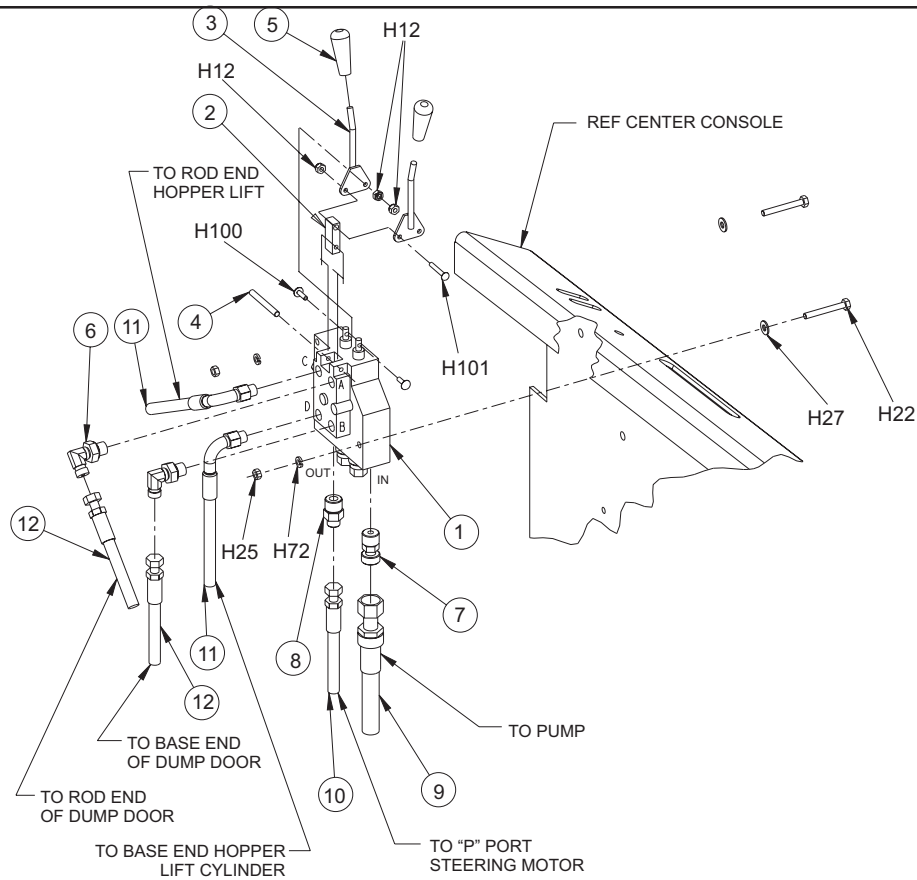


C1655a/9804

KEY NO.	PART NUMBER	DESCRIPTION	QTY.
1	7-17-05011	Cylinder-Lift	1
2	2-00-04927	Fitting-9/16-20 x 9/16-18 Tee	1
3	2-00-04994	Fitting-Male Connector	1
4	8-88-00045	Pilot Check	1
5	2-00-04997	Fitting-ORS NPT Adapter (#4-1/4)	1
6	2-00-05054	Fitting-9/16-18 to 3/8-18 Adapter	1
7	8-33-02178	Hose-#4 ORS STR Ends, 15.0"	Ref.
8	8-33-02278	Hose-#4 ORS STR Ends, 130.0"	

C/1655a/9804

HOPPER CONTROL VALVE - BATTERY (VARIABLE DUMP)



C1653A/9912

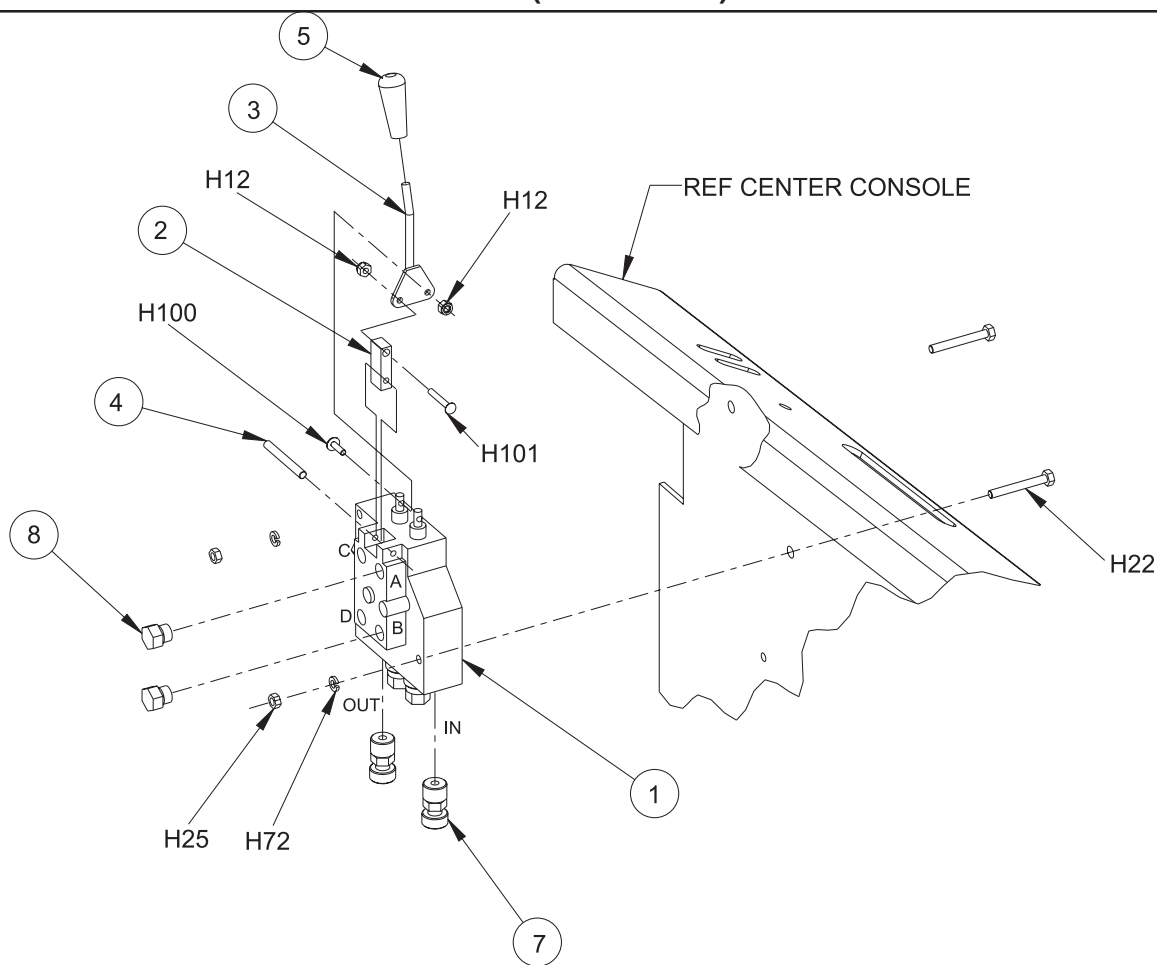
KEY NO.	PART NUMBER	DESCRIPTION	QTY.
1	8-88-00053	Control Valve Assy	1
2	7-42-05127	Link-Valve Lever Pivot	1
3	7-41-05105	Lever For Valve 8-88-00053 (Welded)	2
4	2-00-00868	Roll Pin (1/4 Dia. X 7/8 Lg.)	1
5	7-31-06059	Handle	2
6	2-00-04926	Fitting-Elbow 9/16-18 x 9/16-18	2
7	2-00-04970	Fitting-Connector 8ORS - 8SAE STR	1
8	2-00-05264	Fitting-Connector #8SAE - #4ORS	1
9	7-33-02347	#8 Hose STR - 90°, 49.0"	1
10	8-33-02183	#4 Hose STR 49.0"	1
11	7-33-02352	#4 Hose STR - 90° Swivel 71.0"	2
12	8-33-02278	#4 Hose STR 130.0"	2

HARDWARE USED:

H12	2-00-01246	Nut, Hex Fiber Insert #10-24	3
H22	2-00-02589	Screw, 1/4-20 x 2.000 HHC	2
H25	2-00-00594	Nut, Hex 1/4-20 x .437 x .218	2
H27	2-00-03702	Washer, .625 x .281 x .063	2
H72	2-00-00518	Lock Washer, Helical Spring	2
H100	2-00-03062	Screw, #10-24 x .625 THM	2
H101	2-00-04897	Screw, #10-24 x 1.250 THM	1

C1653a/9912

HOPPER CONTROL VALVE - BATTERY (LOW DUMP)



C1653C/9804

<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	8-88-00053	Control Valve Assy	1
2	7-42-05127	Link-Valve Lever Pivot	1
3	7-41-05105	Lever For Valve 8-88-00053 (Welded)	1
4	2-00-00868	Roll Pin (1/4 Dia. X 7/8 Lg.)	1
5	7-31-06059	Handle	1
6	2-00-04970	Fitting-Connector 8ORS - 8SAE STR	2
7	2-00-04916	Plug- 9/16-16 O-Ring Boss	2

HARDWARE USED:

H12	2-00-01246	Nut, Hex Fiber Insert #10-24	2
H22	2-00-02589	Screw, 1/4-0 x 2.000 HHC	2
H25	2-00-00594	Nut, Hex 1/4-20 x .437 x .218	2
H72	2-00-00518	Lock Washer, Helical Spring	2
H100	2-00-03062	Screw, #10-24 x .625 THM	1
H101	2-00-04897	Screw, #10-24 x 1.250 THM	1

C1653c/9804

SCRUB DECK (46") - BATTERY - PARTS LIST

<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	7-27-07186	Brush Frame (46 In.)	1
2	0785-089	Reducer Assy (36 VDC) 25 to 1	3
3	7-33-09042	Hub-Brush Drive	3
4	7-03-04123	Arm-Brush Drive (Weldment)	3
5	7-41-00027	Latch-Brush Driver	3
6	7-48-00034	Manifold-Sol Feed (Welded)	1
7	8-35-00021	Isolator	2
8	2-00-04873	Cable Clamp	2
9	7-33-02361	Hose-Water Scrub Deck	2
10	7-33-02383	Hose-Solution Feed	1
11	2-00-02220	Hose Clamp	1
12	7-90-03761	Key- 1/4 Sq. X 1.75 Steel	3
13	0782-144	Brush Motor	3
14	7-90-07400-1	Wire - Interconnecting	6
15	2-00-04203	Terminal Boot	6

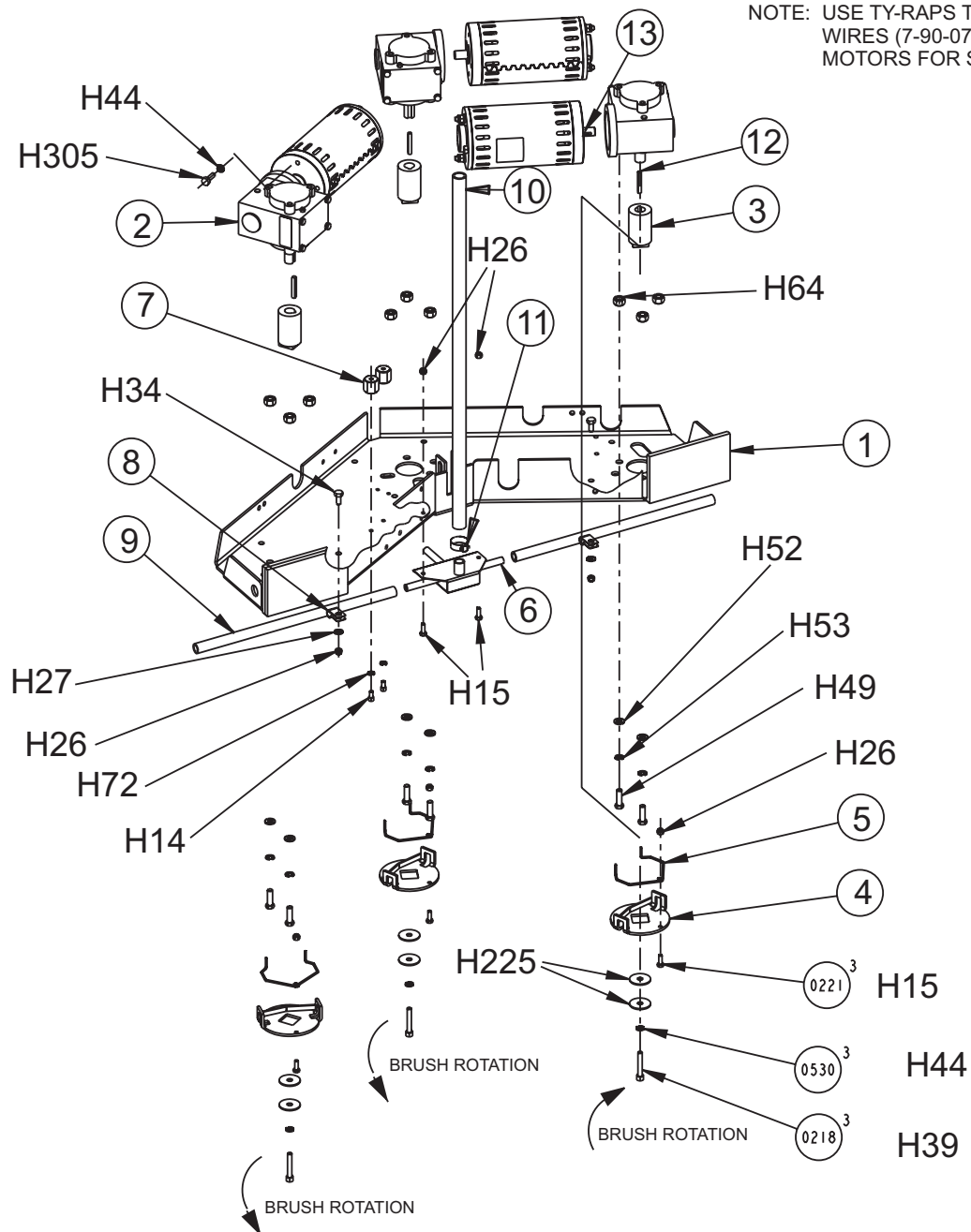
HARDWARE USED:

H14	2-00-00219	Screw, 1/4-20 x .500 HHC	2
H15	2-00-00221	Screw, 1/4-20 x .500 HHC	5
H26	2-00-00641	Nut, 1/4-20 Insert Fiber	7
H27	2-00-03702	Washer, .625 x .281 x .063	2
H34	2-00-00208	Screw, 5/16-18 x .750 HHC	2
H39	2-00-00218	Screw, 5/16-18 x 2.000 HHC	3
H44	2-00-00530	Lock Washer, 5/16 HS Med	9
H49	2-00-00209	Screw, 3/8-16 x 1.250 HHC	9
H52	2-00-00402	Flat Washer, .750 x .390 x .094	9
H53	2-00-02310	Lock Washer, Helical Spring 3/8 Med	9
H64	2-00-00596	Nut, Hex. 1/2-13 x .750 x .437	9
H72	2-00-00518	Lock Washer, Helical Spring	2
H225	2-00-04851	Washer, Engine Mount	6
H305	2-00-00809	Screw, HSHC .31-18 x 1.000	6

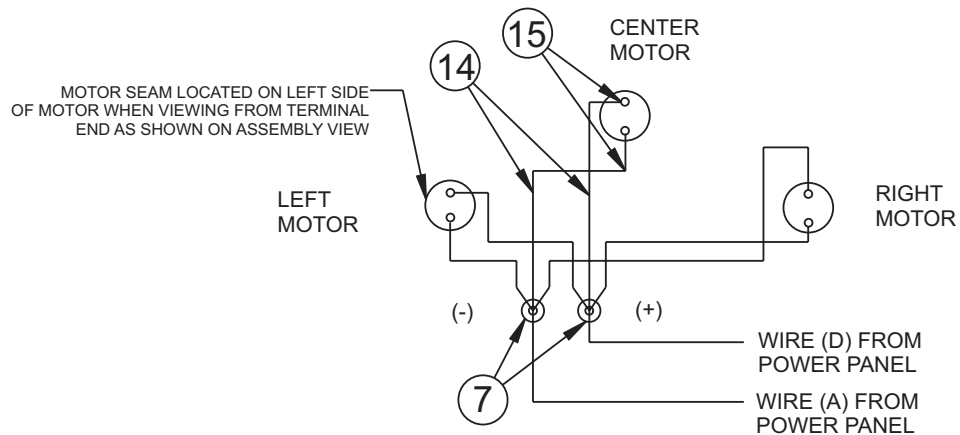
C1629a/0007

SCRUB DECK (46") - BATTERY - EXPLODED VIEW

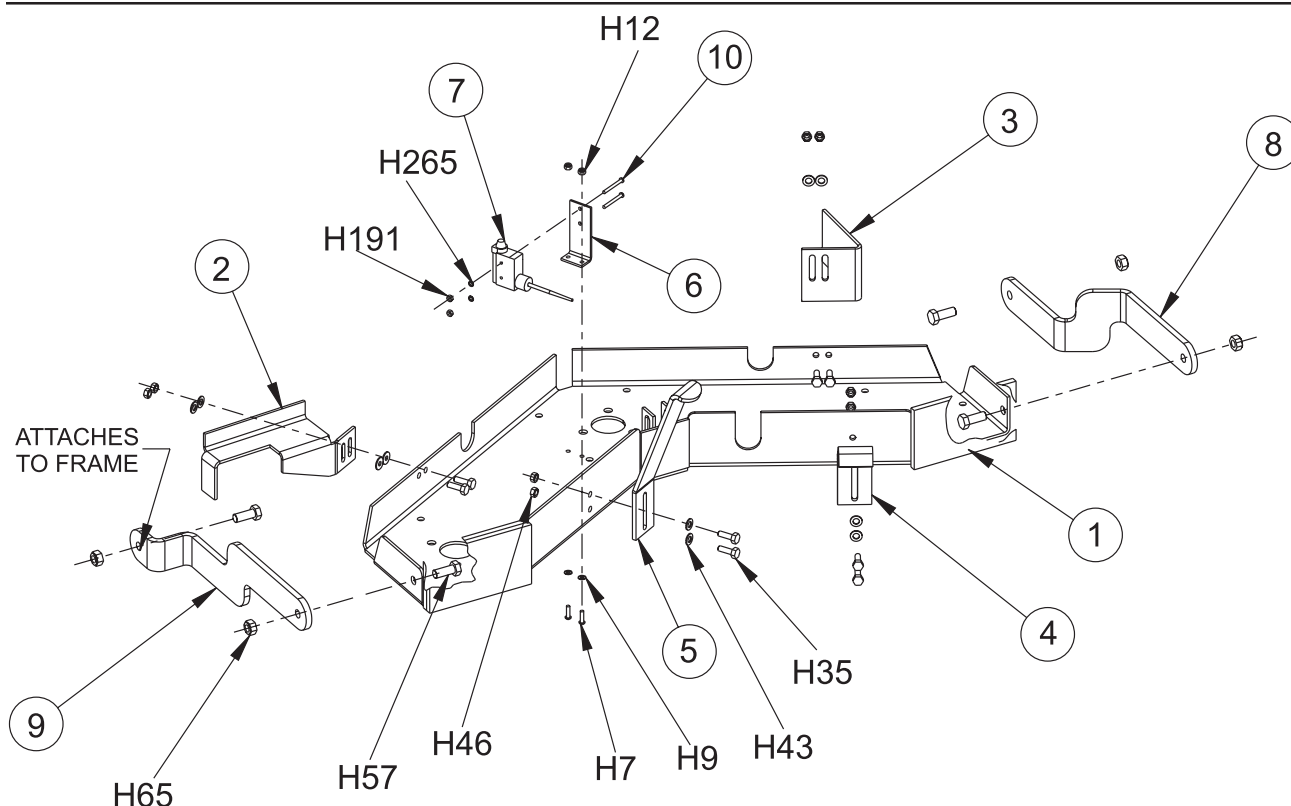
NOTE: USE TY-RAPS TO SECURE WIRES (7-90-07400) TO MOTORS FOR STRAIN RELIEF



C1629A/0007



SCRUB DECK (46") - BATTERY cont.



C1629d/9805

KEY NO.	PART NUMBER	DESCRIPTION	QTY.
1	7-27-07186	Brush-Frame (46 In.)	1
2	7-03-00055	Arm-Side Squeegee Lift (L.H.)	1
3	7-03-00053	Arm-Side Squeegee Lift (R.H.)	1
4	7-78-05026	Stop-Scrub Frame (R.H.)	1
5	7-78-05025	Stop-Scrub Frame (L.H.)	1
6	7-08-00901	Bracket-Scrub Switch	1
7	8-82-00058	Switch	1
8	7-42-05143	Link-R.H. Brush Frame	1
9	7-42-05144	Link-L.H. Brush Frame	1
10	2-00-00092	Screw-RHM #8-32 x 1.75	2

HARDWARE USED:

H7	2-00-00056	Screw, #10-24 x .750 RHM	2
H9	2-00-00426	Flat Washer, .500 x .219 x .063	2
H12	2-00-01246	Nut, Hex Fiber Insert #10-24	2
H35	2-00-02708	Screw, 5/16-18 x 1.000 HHM	8
H43	2-00-00409	Flat Washer, 687 x .344 x .062	10
H46	2-00-00644	Nut, 5/16-18, Insert Fiber	8
H57	2-00-00240	Screw, 1/2-13 Fiber Lock	4
H65	2-00-04936	Nut, 1/2-13 Fiber Lock	4
H191	2-00-00602	Nut, MSCR-hex, 8-32	2
H265	2-00-00506	Lock Washer, Int. Tooth #8 Dia Screw	2

C1629d

SCRUB DECK & SQUEEGEE (53") - BATTERY - PARTS LIST

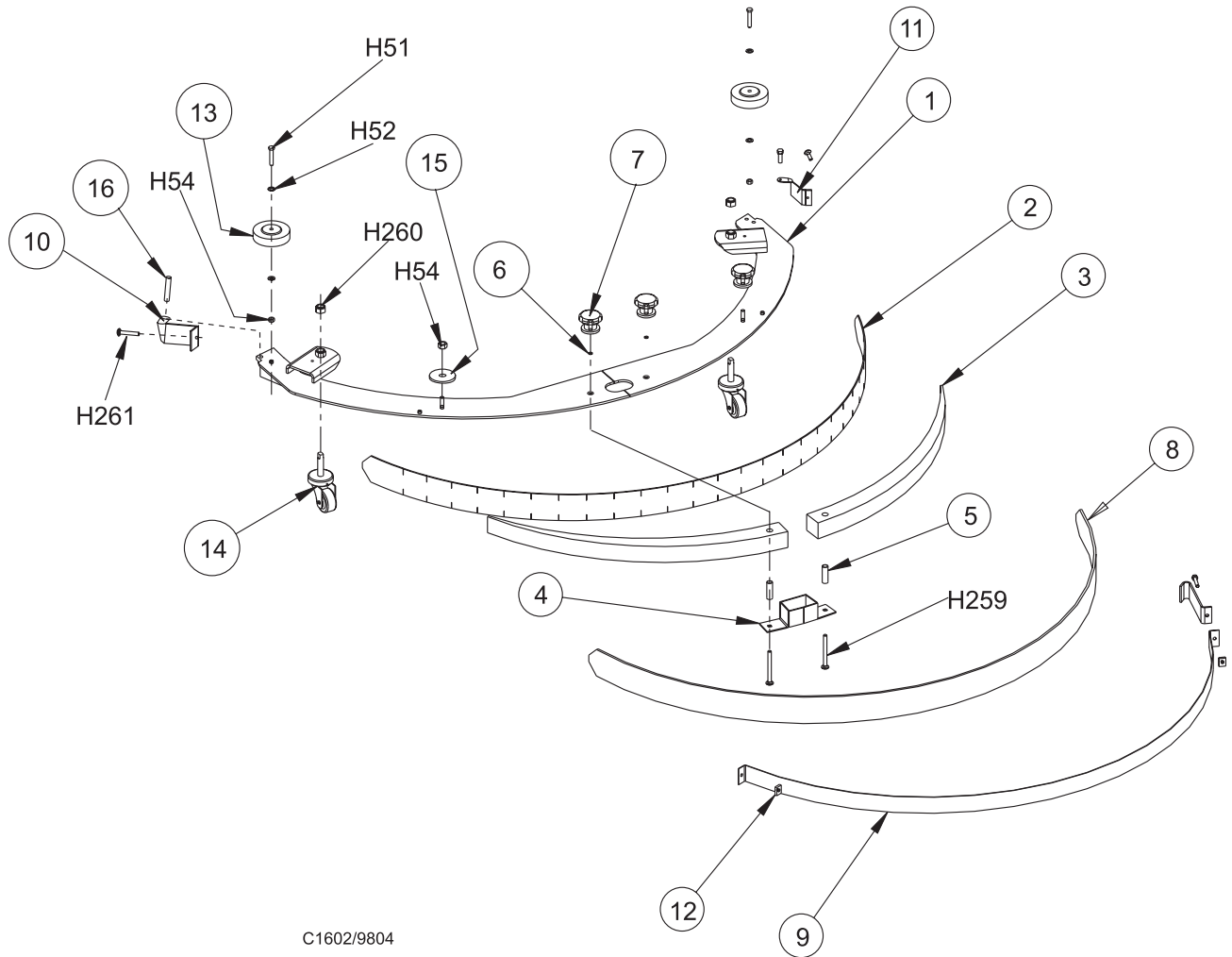
<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	7-86-08049	Squeegee - Weldment	1
2	7-77-00115	Rubber - Squeegee Inner	1
3	7-75-01165	Spacer - Squeegee	2
4	7-20-06009	Duct - Squeegee	1
5	7-75-01164	Bushing - Spacer	2
6	2-00-04962	O-Ring	2
7	7-39-00026	Knob - Squeegee	2
8	7-77-00105	Rubber - Squeegee, Outer	1
9	7-79-00098	Strap - Squeegee Clamp	1
10	7-13-07188	Clamp - LH Squeegee End	1
11	7-13-07187	Clamp - RH Squeegee End	1
12	7-13-07156	Clamp - Nut	2
13	2-14-00184	Wheel	2
14	7-89-08073	Caster	2
15	2-95-04689	Washer - Axel	2
16	2-0-03842	Pin - Roll 1/4 x 1.00	2

HARDWARE USED:

H51	2-00-00216	Screw, 3/8 - 16 x 2.000 HHC	2
H52	2-00-00402	Flat Washer, .750 x .390 x .94	2
H54	2-00-02360	Nut, 3/8 - 16 Hex	2
H259	2-00-05343	Bolt Carriage .38 - 16 x 3.5 Stainless Steel	2
H260	2-00-00615	Nut - Hex Fin .63-22	2
H261	2-00-05344	Screw - HHM .313 - 18 x 1.75 Stainless Steel	2

C1602/9804

SCRUB DECK & SQUEEGEE (53") - BATTERY - EXPLODED VIEW



C1602/9804

SCRUB DECK & SQUEEGEE (53") - BATTERY cont. - PARTS LIST

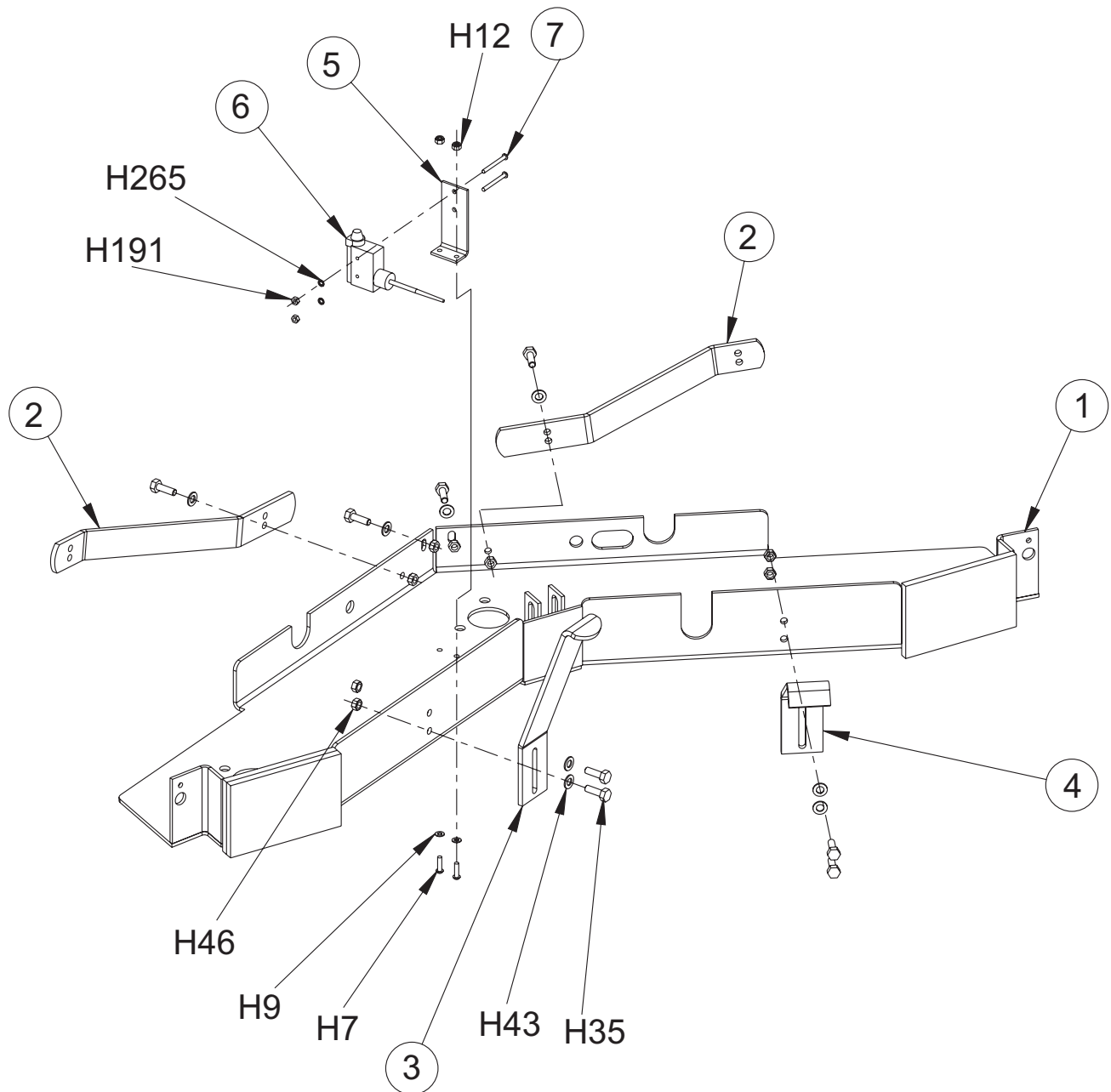
<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	7-27-07189	Brush Frame (53 inch)	1
2	7-42-05132	Link-Side Squeegee (53 inch)	2
3	7-78-05025	Stop-Scrub Frame (L.H.)	1
4	7-78-05026	Stop-Scrub Frame (R.H.)	1
5	7-08-00901	Bracket-Scrub Switch	1
6	8-82-00058	Switch	1
7	2-00-00092	Screw-RHM #8-32 x 1.75	2

HARDWARE USED:

H7	2-00-00056	Screw, #10-24 x .750 RHM	2
H9	2-00-00426	Flat Washer, .500 x .219 x .063	2
H12	2-00-01246	Nut, Hex Fiber Insert #10-24	2
H35	2-00-02708	Screw, 5/16-18 x 1.000 HHM	6
H43	2-00-00409	Flat Washer, .687 x .344 x .062	6
H46	2-00-00644	Nut, 5/16-18 Insert Fiber	6
H191	2-00-00602	Nut, MSCR-Hex, 8-32	2
H265	2-00-00506	Lock Washer, Int. Tooth #8 Dia Screw	2

C1783/9805

SCRUB DECK & SQUEEGEE (53") - BATTERY cont. - EXPLODED VIEW



C1783/9805

SCRUB DECK & SQUEEGEE (53") - BATTERY cont. - PARTS LIST

<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	7-27-07189	Brush Frame (53 inch)	Ref.
2	0785-08	Reducer Assy (36 VDC) 25 to 1	3
3	7-33-09042	Hub-Brush Drive	3
4	7-03-04123	Arm-Brush Drive (Weldment)	3
5	7-41-00027	Latch-Brush Driver	3
6	7-48-00034	Manifold-Sol Feed (Welded)	1
7	8-35-00021	Isolator	2
8	2-00-04873	Cable Clamp	2
9	7-33-02361	Hose-Water Scrub Deck	2
10	7-33-02383	Hose-Solution Feed	1
11	2-00-02220	Hose Clamp	1
12	2-00-03761	Key-1/4 sq. x 1.75 Steel	3
13	0782-144	Brush Motor	3
14	7-90-07400-1	Wire Interconnecting	6
15	2-00-04203	Terminal Boot	6

HARDWARE USED:

H14	2-00-00219	Screw, 1/4-20 x 500HHC	2
H15	2-00-00221	Screw, 1/4-20 x .750 HHC	5
H26	2-00-00641	Nut, 1/4-20 Insert Fiber	7
H27	2-00-03702	Washer, .625 x .281 x .063	2
H34	2-00-00208	Screw, 5/16-18 x .750 HHC	2
H44	2-00-00530	Lock Washer, 5/16 HS Med	9
H49	2-00-00209	Screw, 3/8-16 x 1.250 HHC	9
H51	2-00-00216	Screw, 3/8-16 x 2.000 HHC	3
H52	2-00-00402	Flat Washer, .750 x .390 x .094	9
H53	2-00-02310	Lock Washer, Helical Spring 3/8 Med	9
H64	2-00-00596	Nut, Hex. 1/2-13 x .750 x .437	9
H72	2-00-00518	Lock Washer, Helical Spring	2
H225	2-00-04851	Washer Engine Mount	6
H305	2-00-00809	Screw, HSHC .31-18 x 1.000	6

C1784/0007

NOTE: USE TYE0RAPs TO SECURE WIRES (7-90-07400) TO MOTORS FOR STRAIN RELIEF

BRUSH ROTATION

BRUSH ROTATION

BRUSH ROTATION

MOTOR SEAM LOCATED ON LEFT SIDE OF MOTOR WHEN VIEWING TERMINAL END AS SHOWN ON ASSEMBLY VIEW

LEFT MOTOR

CENTER MOTOR

RIGHT MOTOR

(-)

(+)

(+)

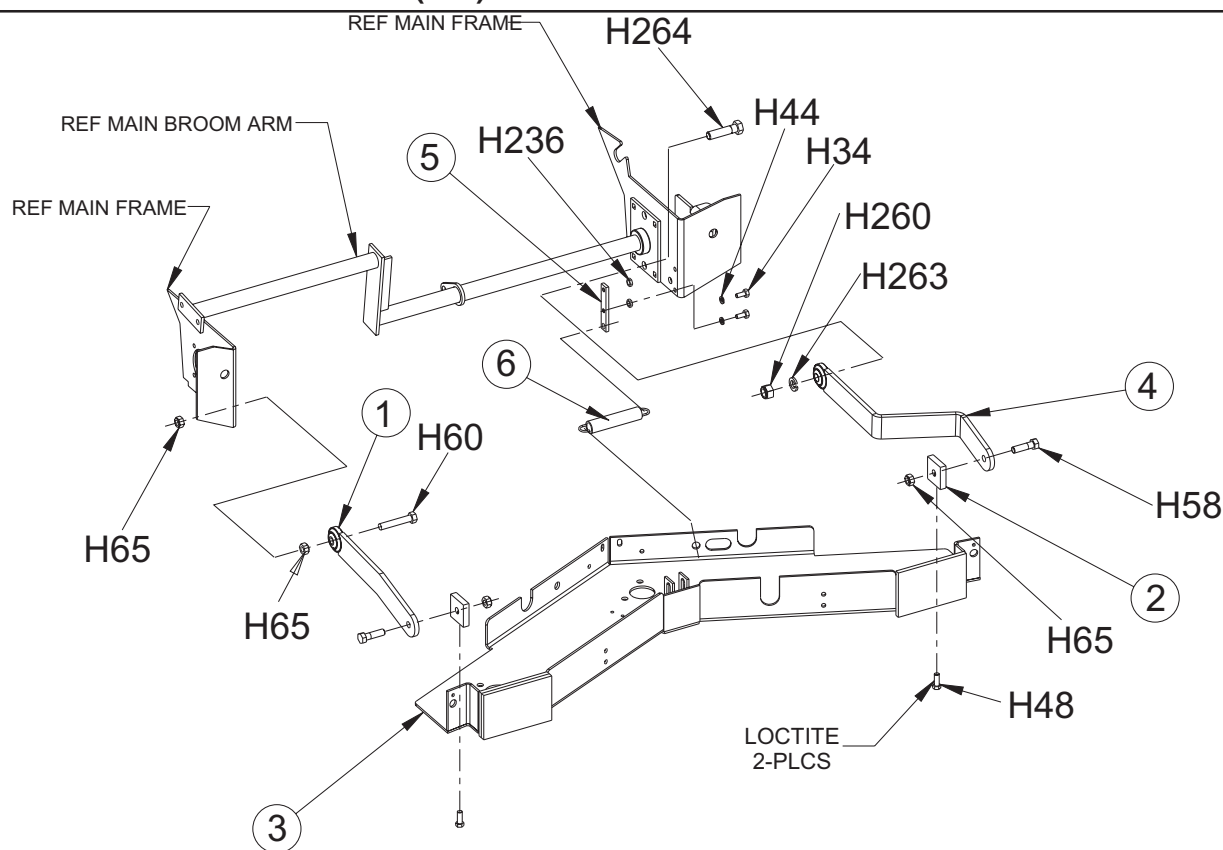
WIRE (D) FROM POWER PANEL

WIRE (A) FROM POWER PANEL

C1784/0007

American-Lincoln Technology
ATS 46/53

SCRUB DECK & SQUEEGEE (53") - BATTERY cont.



C1785/9805

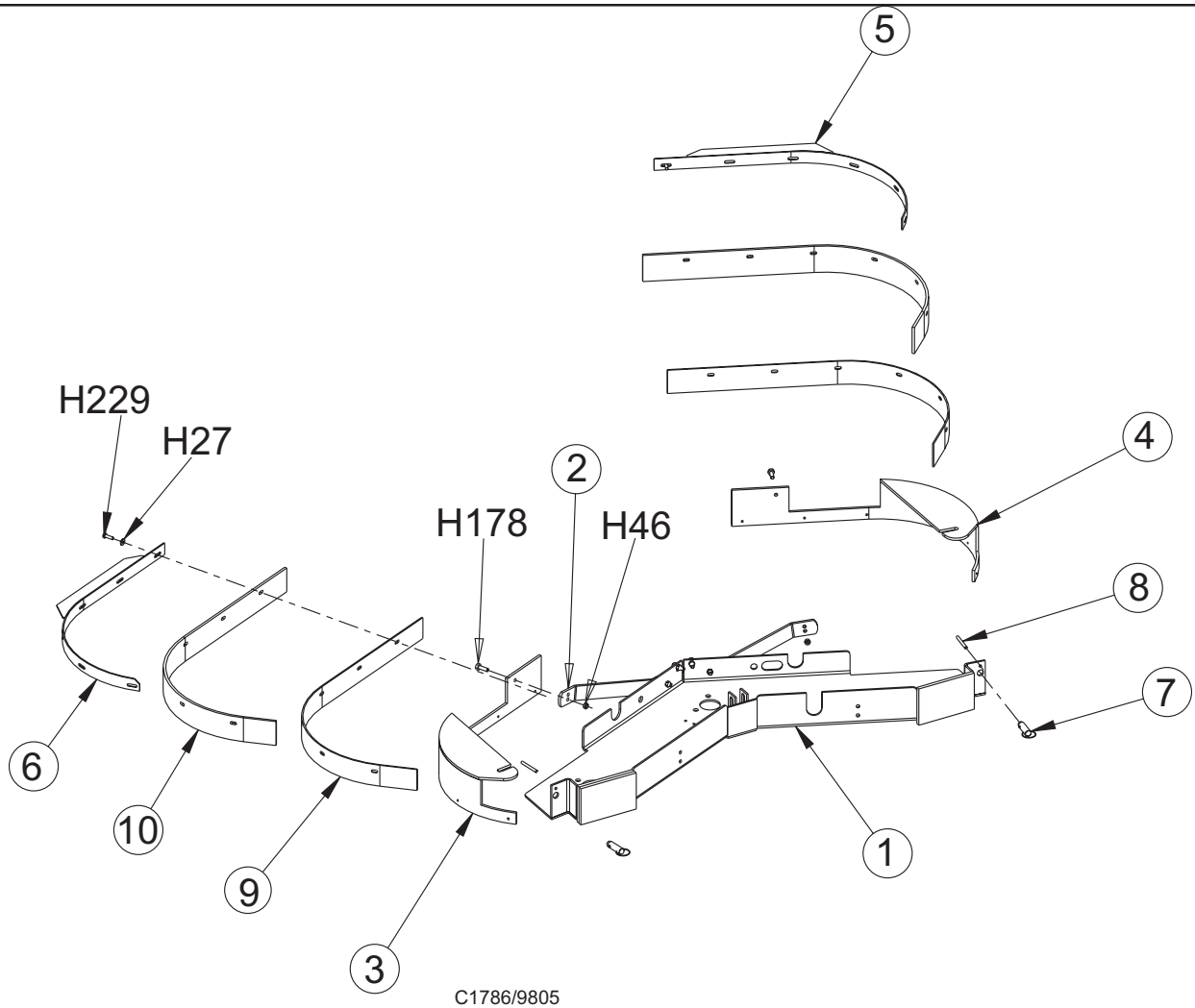
KEY NO.	PART NUMBER	DESCRIPTION	QTY
1	7-42-05147	Link-Brush Frame, L.H. (53 in)	1
2	7-57-05039	Pivot-Brush Drive, Side (53 in)	2
3	7-27-07189	Brush Frame (53 in)	Ref.
4	7-42-05135	Link-Brush Frame	1
5	7-30-08016	Guide-Brush Frame (53 in)	1
6	7-76-00114	Spring	1

HARDWARE USED:

H34	2-00-00208	Screw, 5/16-18 x .750 HHC	2
H44	2-00-00530	Lock Washer, 5/16 HS Med	2
H48	2-00-00233	Screw, 3/8-16 x 1.000 HHC	2
H58	2-00-00241	Screw, 1/2-13 x 1.750 HHC	2
H60	2-00-02682	Screw, 1/2-13 x 2.750 HHC	1
H65	2-00-04936	Nut, 1/2-13 Fiber Lock	4
H236	2-00-02369	Nut, Hex Jam, .38-16	2
H260	2-00-00615	Nut, Hex Fin .63-22	1
H263	2-00-02313	Lock Washer, Helical Spring .63	1
H264	2-00-02622	Screw, 5/16-18 x 1.000 HHM	1

C1785/9805

SCRUB DECK & SQUEEGEE (53") - BATTERY cont.



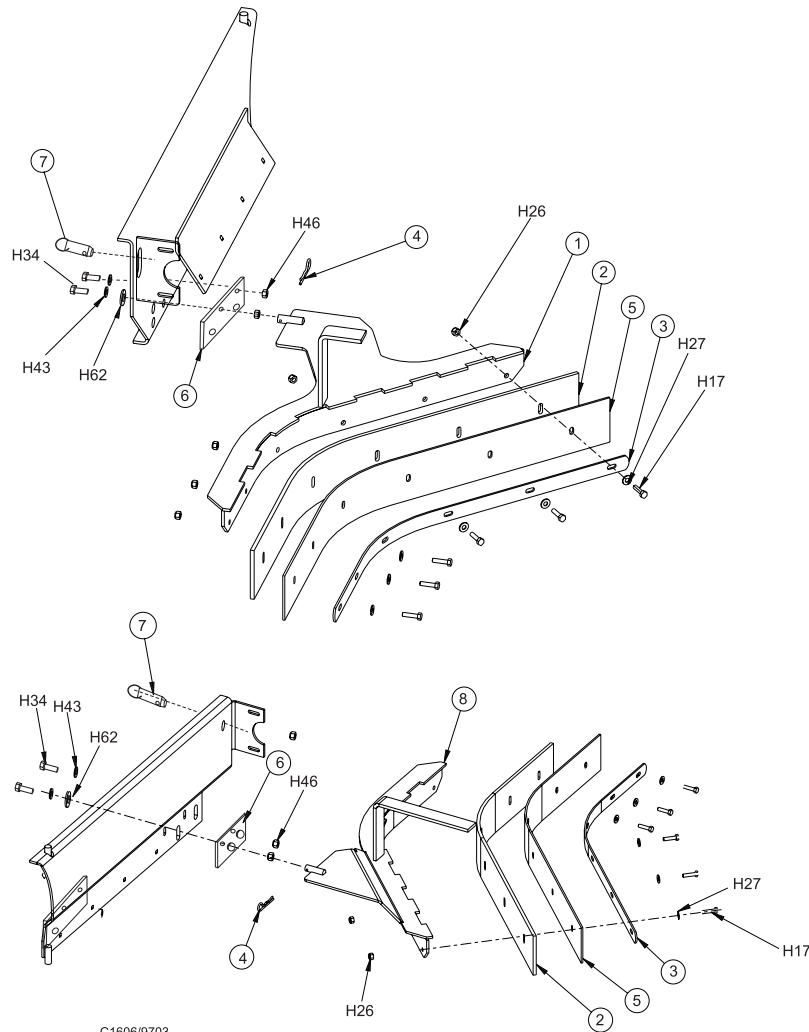
KEY NO.	PART NUMBER	DESCRIPTION	QTY
1	7-27-07189	Brush Frame (53 in)	Ref.
2	7-42-05132	Link-Side Squeegee (53 in)	Ref.
3	7-86-08042	Tool-LH Side Squeegee (Weldment) (53 in)	1
4	7-86-08043	Tool-RH Side Squeegee (Weldment)	1
5	7-13-07174	Clamp-RH Side Squeegee (53 in)	1
6	7-13-07175	Clamp-LH Side Squeegee (53 in)	1
7	7-55-08151	Pin-Lock Up	2
8	2-00-00868	Roll Pin (1/4 Dia x 7/8 Lg)	2
9	7-77-00113	Rubber-Side Squeegee (Inner)	2
10	7-77-00112	Rubber-Side Squeegee (Outer)	2

HARDWARE USED:

H27	2-00-03702	Washer, .625 x .281 x .063	12
H46	2-00-00644	Nut, 5/16-18 x 1.000 HHM	2
H178	2-00-00206	Screw, 5/16-18 x 1.000 HHC	2
H229	2-00-01490	Screw, .25-20 x .875 HHC STL	12

C1786/9805

SIDE SQUEEGEE (46")

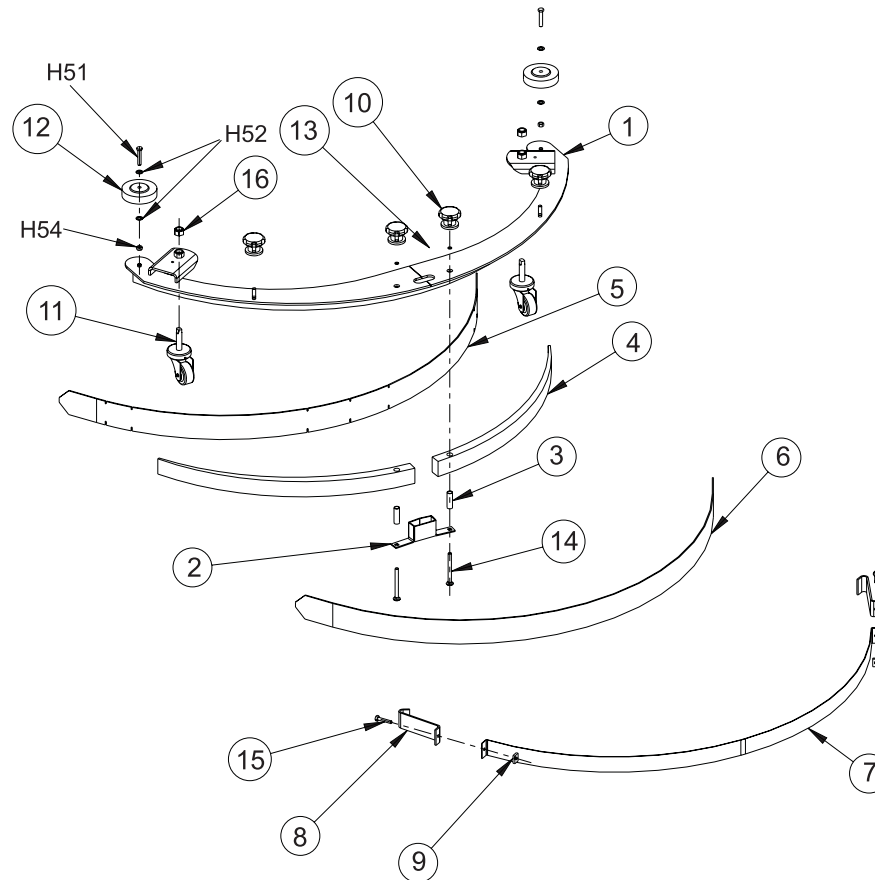


KEY NO.	PART NUMBER	DESCRIPTION	QTY.
1	7-86-08035	Weldment - LH Bracket	1
2	7-77-00111	Squeegee - Rubber - Side	1
3	7-13-07165	Strap	1
4	2-00-05320	Hair Pin	1
5	7-77-00114	Rubber Side Squeegee	1
6	7-57-05042	Pivot, Side Squeegee	2
7	7-55-08151	Lock Up Pin	1
8	7-86-08036	Weldment - RH Bracket	1

HARDWARE USED:

H17	2-00-00205	Screw, 1/4-20 x 1.000 HHC	12
H26	2-00-00641	Nut, 1/4-20 Insert Fiber	12
H27	2-00-03702	Washer, .625 x .281 x .063	12
H34	2-00-00208	Screw, 5/16 - 18 x .750 HHC	4
H43	2-00-00409	Flat Washer, .687 x .344 x .062	4
H46	2-00-00644	Nut, 5/16 - 18 Insert Fiber	4
H62	2-00-00405	Flat Washer, 1.063 x .531 x .094	2

C1606



C1677/9702

KEY NO.	PART NUMBER	DESCRIPTION	QTY.
1	7-86-08038	Squeegee - Weldment	1
2	7-20-06010	Duct - Squeegee Inlet	1
3	7-75-01164	Spacer - Bushing	2
4	7-75-01169	Spacer - Squeegee	2
5	7-77-00110	Squeegee - Rubber - Inner	1
6	7-77-00109	Squeegee - Rubber - Outer	1
7	7-79-00088	Strap - Squeegee Clamp	1
8	7-13-07157	Clamp - End Squeegee	2
9	7-13-07156	Clamp - Nut	2
10	7-39-00026	Knob - Squeegee	4
11	7-89-08073	Wheel - Caster	2
12	2-14-00184	Wheel	2
13	2-00-04962	O-Ring	2
14	2-00-05343	Carriage Bolt, 3/8-16 x 3.000 STL.	2
15	2-00-05344	Hex Tap Bolt, 5/16-18 x 1.750 SS	2
16	2-00-00615	Nut, Hex Finish .625-11	2

HARDWARE USED:

H51	2-00-00216	Screw, 3/8-16 x 2.000 HHC	2
H52	2-00-00402	Flat Washer, .750 x .390 x .094	4
H54	2-00-02360	Nut, Hex. 3/4-16 STL.	2

C1677/9802

SQUEEGEE LIFT - BATTERY - PARTS LIST

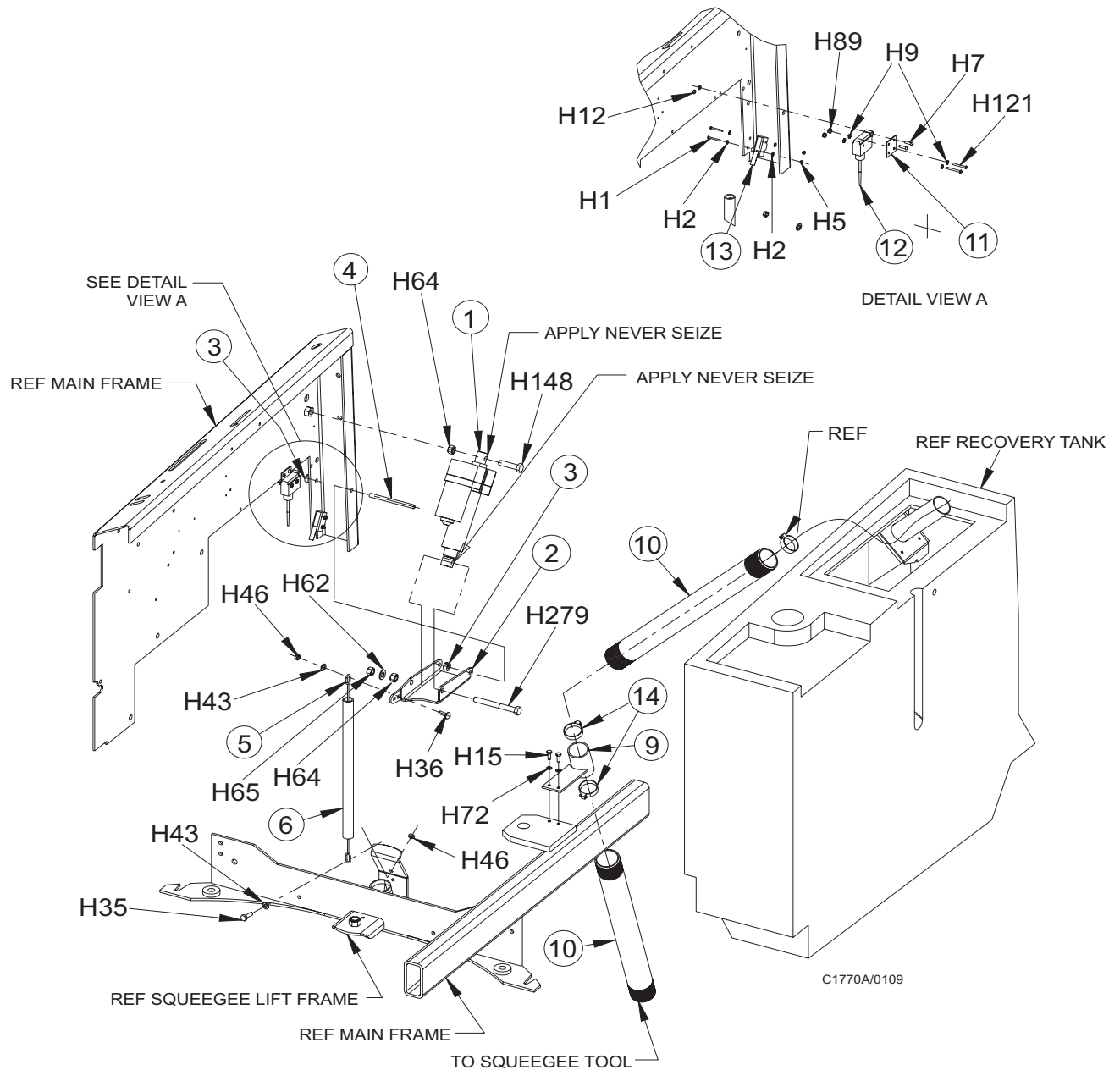
<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	0782-106	Actuator-Squeegee Lift (36V)	1
2	7-41-05110	Lever-Squeegee Lift	1
3	7-15-01022	Collar-Setscrew	2
4	7-66-00179	Rod	1
5	7-13-05073	Link-Squeegee Lift Cable	1
6	7-34-09018	Sleeve Insulating	1
7	8-82-00058	Switch	1
8			
9	7-25-02097	Fitting-Vac Hose Coupling (Welded)	1
10	7-33-02386	Hose-Vacuum	2
11	7-58-05284	Plate-Switch MTG.	1
12	8-82-00058	Switch	1
13	7-82-00008	Switch	1
14	2-00-02216	Hose Clamp	2

HARDWARE USED:

H1	2-00-05060	Screw, #6-32 x 1.250 RHM	2
H2	2-00-00455	Flat Washer, .375 x .156 x .047	4
H5	2-00-00645	Nut, Hex Fiber Insert #6-32	2
H7	2-00-00056	Screw #10-24 x .750 RHM	2
H9	2-00-00426	Flat Washer, .500 x .219 x .063	4
H12	2-00-01246	Nut, Hex Fiber Insert #10-24	2
H15	2-00-00221	Screw, 1/4-20 x .750 HHC	2
H35	2-00-02708	Screw, 5/16-18 x 1.000 HHM	1
H36	2-00-00196	Carriage Bolt, 5/16-18 x 1.000	1
H43	2-00-00409	Flat Washer, .687 x .344 x .062	2
H46	2-00-00644	Nut, 5/16-18, Insert Fiber	2
H62	2-00-00405	Flat Washer, 1.063 x .531 x .094	1
H64	2-00-00596	Nut, Hex 1/2-13 x .750 x .437	2
H65	2-00-04936	Nut, 1/2-13 Fiber Lock	1
H72	2-00-00518	Lock Washer, Helical Spring	2
H89	2-00-01372	Nut, Fiber Insert	2
H121	2-00-00090	Screw, #8-32 x 1.500 RHM	2
H148	2-00-01778	Screw, 1/2-13 x 2.000 HHC	1
H279	2-00-04914	Screw-HHC .50-13 x 4.50	1

C1770a/0109

SQUEEGEE LIFT - BATTERY - EXPLODED VIEW



SWING SQUEEGEE SUPPORT - PARTS LIST

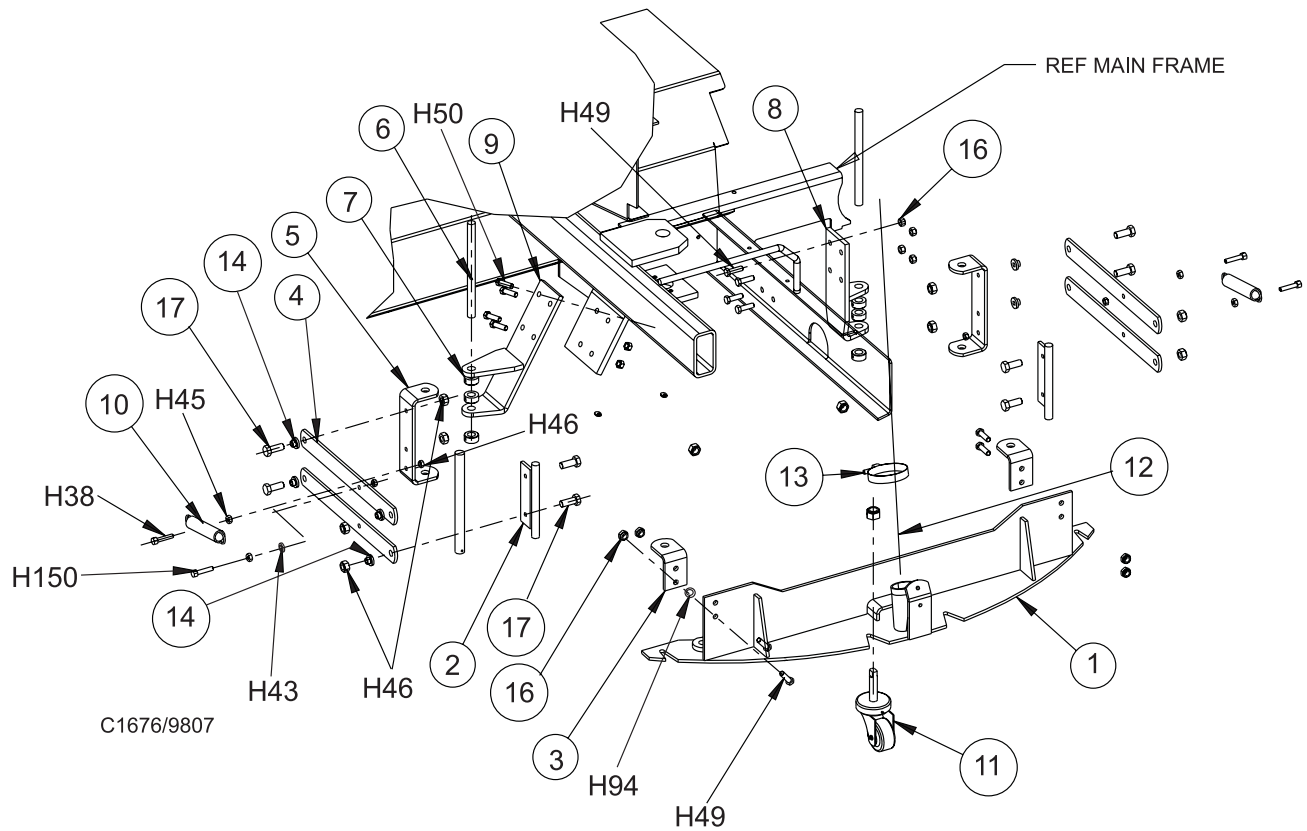
<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	7-86-08037	Weldment - Squeegee Support	1
2	7-55-08144	Weldment - Pin Assembly	2
3	7-08-00839	Bracket - Angle	2
4	7-03-04156	Arm - Support	4
5	7-81-00185	Support - Squeegee	2
6	7-70-05174	Shaft	2
7	8-15-01002	Locking Collar	6
8	7-08-00853	Weldment - Bracket - RH	1
9	7-08-00852	Weldment - Bracket - LH	1
10	7-76-00114	Spring	2
11	7-89-08073	Wheel - Caster	1
12	7-33-02386	Hose - Vacuum	Ref.
13	2-00-02216	Clamp - Hose	1
14	7-09-01057	Bushing, Brush Lift	8
15			
16	2-95-04182	Nut	12
17	2-00-05356	Screw, 5/16 - 18 x 1.25 Grade 8 HHC	8

HARDWARE USED:

H38	2-00-00225	Screw, 5/16-18 x 1.500 HHC	2
H43	2-00-00409	Flat Washer, .687 x .344 x .062	4
H45	2-00-00585	Nut, Hex 5/16-18 x .500 x .265	4
H46	2-00-00644	Nut, 5/16-18 Insert Fiber	12
H49	2-00-00209	Screw, 3/8-16 x 1.250 HHC	8
H50	2-00-00234	Screw, 3/8-16 x 1.500 HHC	4
H94	2-00-00410	Flat Washer, .875 x .375 x .060	1
H150	2-00-00211	Screw, 5/16-18 x 1.750 HHC	2

C1676

SWING SQUEEGEE SUPPORT - EXPLODED VIEW



SOLUTION TANK - PARTS LIST

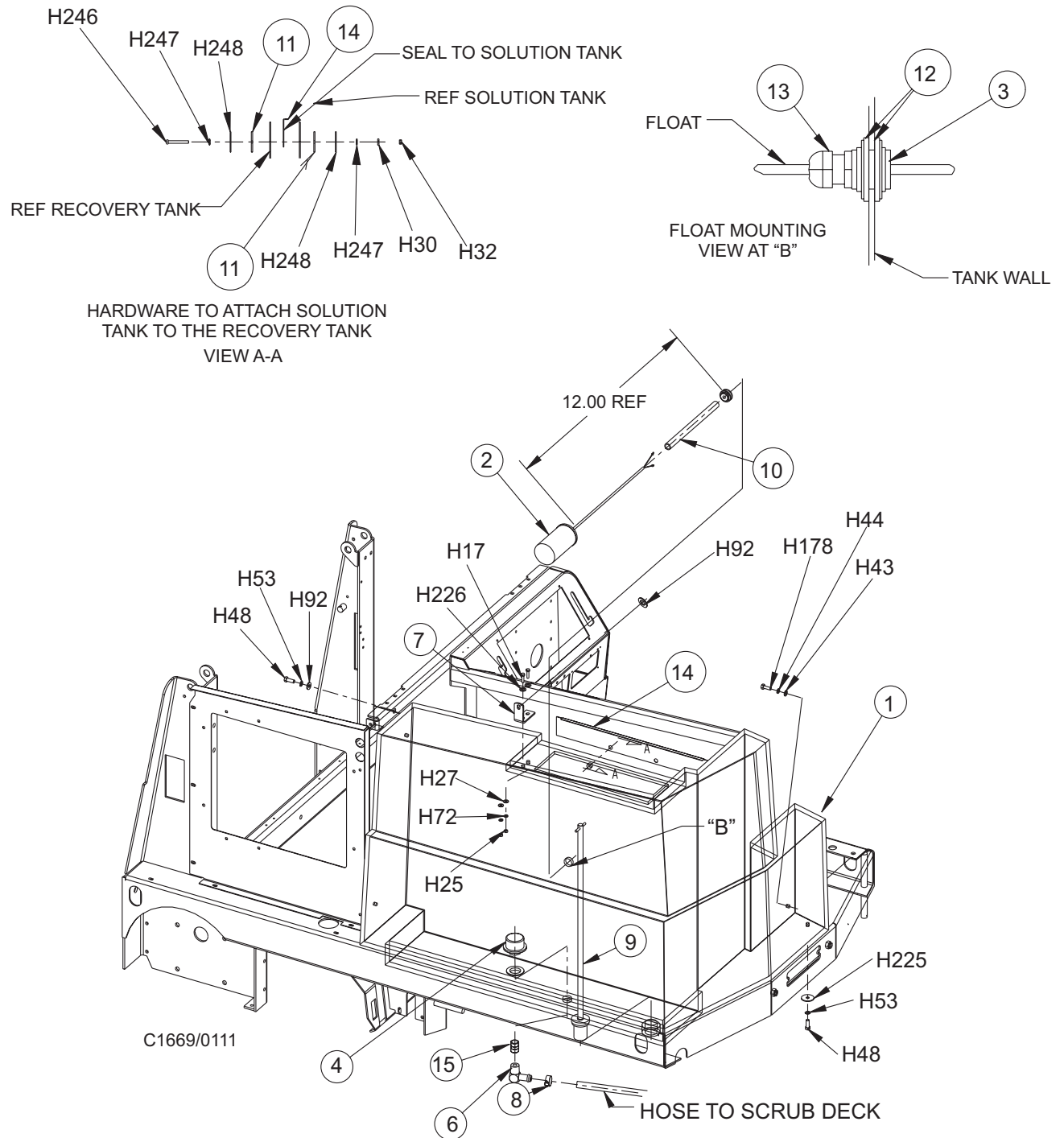
<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	7-83-04181	Solution Tank	1
2	0775-217	Solution Float (Yellow)	1
3	7-09-01124	Bulk Head Fitting	1
4	7-24-04034	Strainer	1
5	2-95-03047	Washer	1
6	2-00-05132	90° Barb Fitting	1
7	7-57-05037	Bracket	1
8	2-00-02220	Hose Clamp	1
9	7-25-02095	Drain Plug	1
10	7-87-02188	Tube - Float Switch	1
11	2-00-05028	Gasket	2
12	7-29-00225	Gasket	2
13	7-09-01122	Bushing	1
14	7-30-05099	Guard - Solution Tank	1
15	2-95-02518	Pipe Nipple, Close 3/4 NPT	1
16	7-29-00225	Gasket	1

HARDWARE USED:

H17	2-00-00205	Screw, 1/4-20 x 1.000 HHC	2
H25	2-00-00594	Nut, Hex 1/4-20 x .437 x .218	2
H27	2-00-03702	Washer, .625 x .281 x .063	4
H30	2-00-04687	Lock Washer, Helical Spring ¼ Med.	1
H32	2-00-04688	Nut, 1/4-20 Hex.	1
H43	2-00-00409	Flat Washer, .687 x .344 x .062	1
H44	2-00-00530	Lock Washer, 5/16 HS Med.	1
H48	2-00-00233	Screw, 3/8-16 x 1.000 HHC	2
H53	2-00-02310	Lock Washer, Helical Spring 3/8 Med.	2
H72	2-00-00518	Lock Washer, Helical Spring	2
H92	2-00-04801	Flat Washer, .875 x .375 x .125	1
H178	2-00-00206	Screw, 5/16-18 x 1.000 HHC	1
H225	2-00-04851	Washer, Engine Mount	1
H246	2-00-05122	Screw-HHC, .25-20 x 2.00	1
H247	2-00-04590	Washer	2
H248	2-00-05236	Flat Washer, 2.00 x .281 x .063	2

C1669/0111

SOLUTION TANK - EXPLODED VIEW

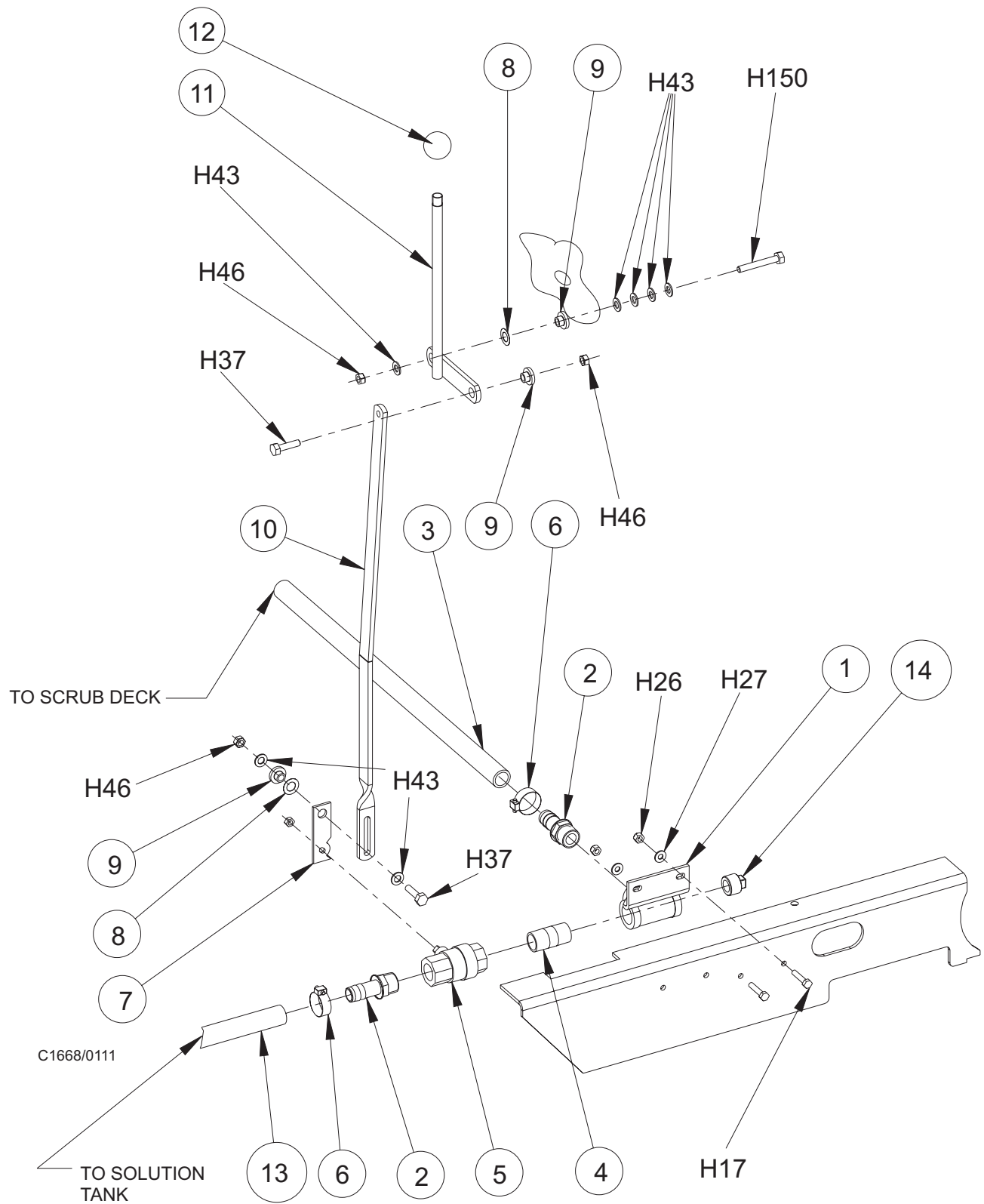


SOLUTION FEED - PARTS LIST

<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	7-08-00922	Bracket- Solution Pipe	1
2	7-25-02012	Fitting - Hose to ¾ - 14 NPT	2
3	7-33-02339	Hose - Solution Feed (Gas, Diesel)	1
3	7-33-02383	Hose- Solution Feed (Battery)	1
4	2-00-03586	Pipe Nipple ¾ NPT x 2.00	1
5	7-88-00027	Ball Valve	1
6	2-00-02220	Hose Clamp	2
7	7-41-05085	Lever	1
8	2-00-03382	Spring Washer	2
9	7-09-01057	Bushing	3
10	7-42-05128	Link	1
11	7-41-05108	Lever Assembly	1
12	8-39-00002	Knob	1
13	7-33-02339	Hose-Solution Feed	1
14	2-00-02475	Plug	1
<u>HARDWARE USED:</u>			
H17	2-00-00205	Screw, ¼ - 20 x 1000 HHC	2
H26	2-00-00641	Nut, ¼ -20 Insert Fiber	2
H27	2-00-03702	Washer, .625 x .281 x .063	2
H37	2-00-00207	Screw, 5/16 -18 x 1.250 HHC	2
H43	2-00-00409	Flat Washer, .687 x .344 x .062	7
H46	2-00-00644	Nut, 5/16-18 Insert Fiber	3
H150	2-00-00211	Screw, 5/16 - 20 x 1.750 HHC	1

C1668/0111

SOLUTION FEED - EXPLODED VIEW



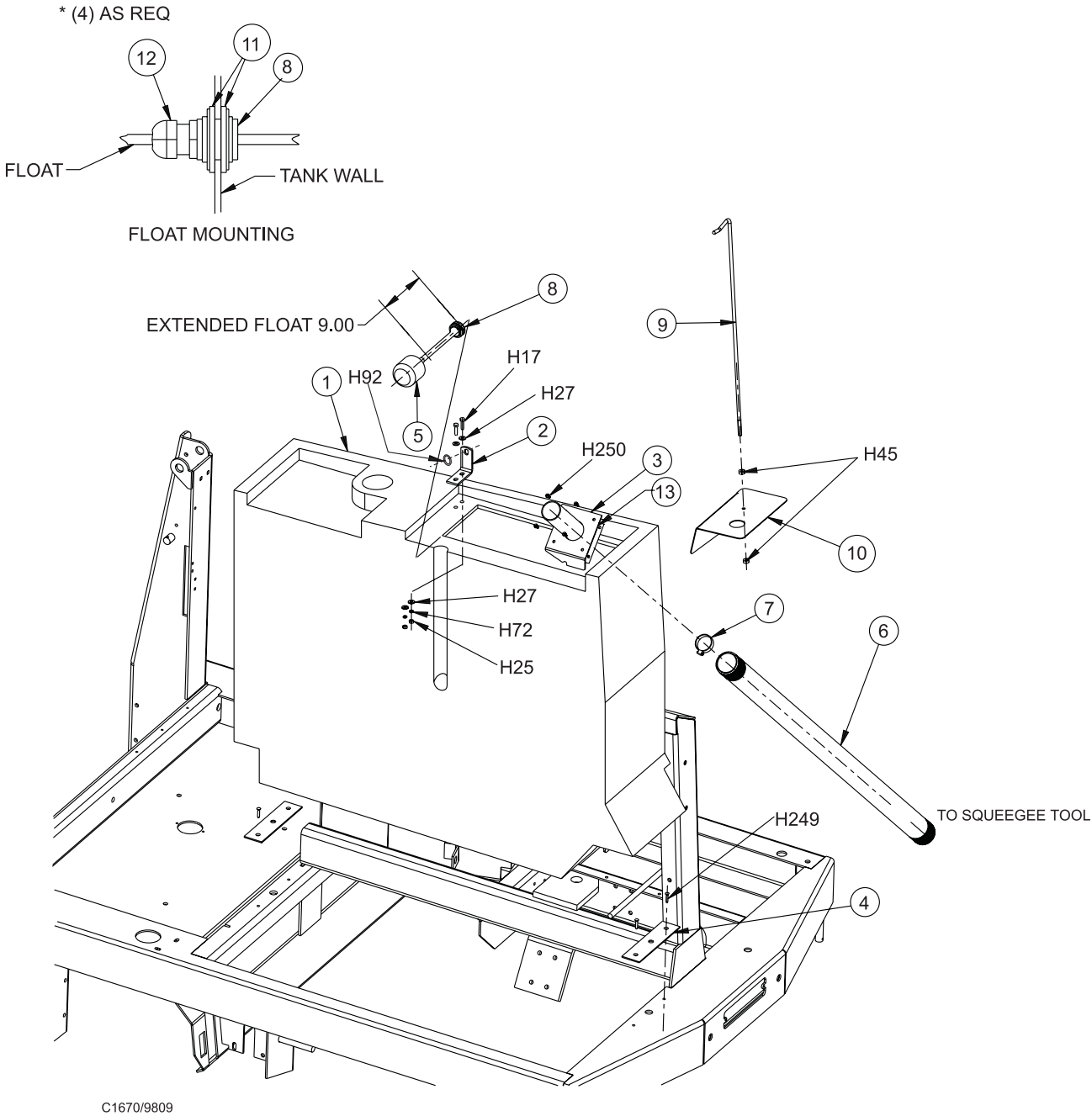
RECOVERY TANK - PARTS LIST

<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	7-83-04182	Recovery Tank	1
2	7-57-05037	Pivot - Vac Manifold	1
3	7-25-02081	Fitting - Recovery Vacuum	1
4	7-71-00010	Shim	*
5	0775-164	Float Switch (Rev Gray)	1
6	7-33-02386	Hose Vacuum	Ref.
7	2-00-02216	Hose Clamp	1
8	7-09-01124	Bulk Head Fitting	1
9	7-31-06074	Handle - Sludge Baffle	1
10	7-05-01002	Baffle - Sludge	1
11	7-29-00225	Gasket	2
12	7-09-01122	Bushing	1
13	7-29-00100	Gasket	1

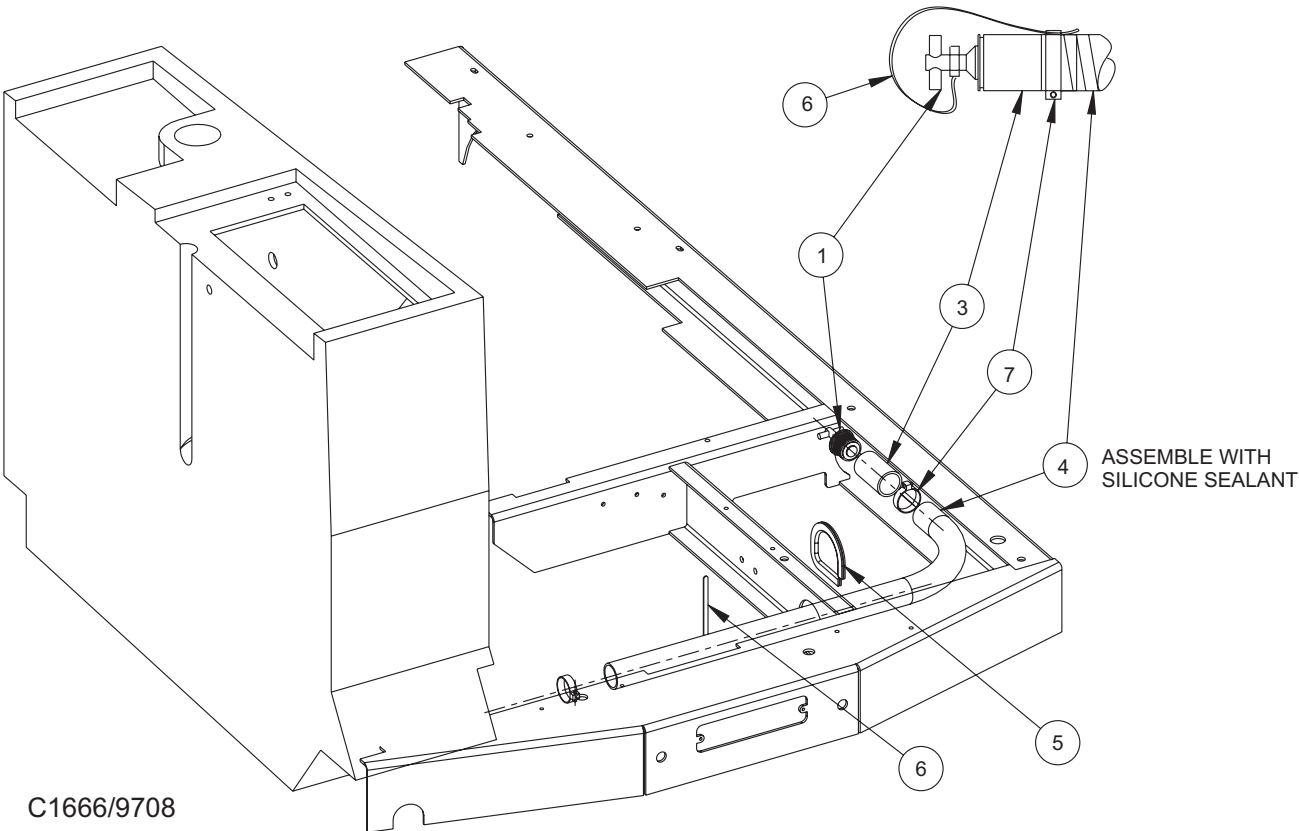
HARDWARE USED:

H17	2-00-00205	Screw, 1/4-20 x 1.000 HHC	2
H25	2-00-00594	Nut, hex 1/4-20 x .437 x .218	2
H27	2-00-03702	Washer, .625 x .281 x .063	4
H45	2-00-00585	Nut, Hex 5/16-18 x .500 x .265	2
H72	2-00-00518	Lock Washer, Helical Spring	2
H92	2-00-04801	Flat Washer, .875 x .375 x .125	1
H249	2-00-00004	Screw-FHM #10-24 x 1.25	4
H250	2-00-04968	Screw-T/FRH #14-10 x 1.00 Type A	4

C1670/9809

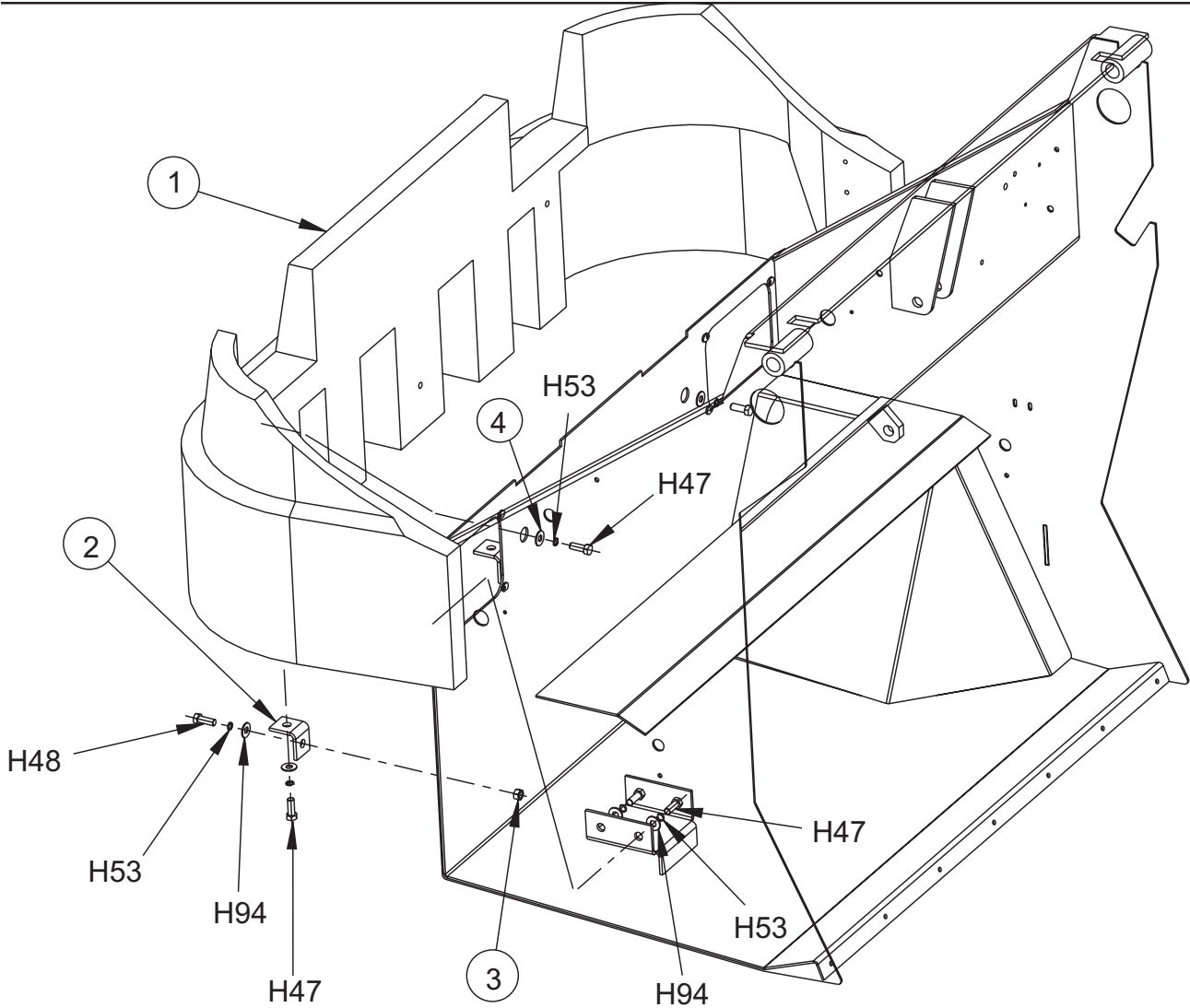


RECOVERY DRAIN SYSTEM



<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	7-58-08001	Plug-Drain	1
2			
3	7-87-02186	Tube - PVC 3"	1
4	7-33-02335	Hose, Drain	1
5	7-21-03003	Edging	1
6	2-00-04345	Tye-Rap	2
7	2-00-02216	Clamp	2

C1666/9803

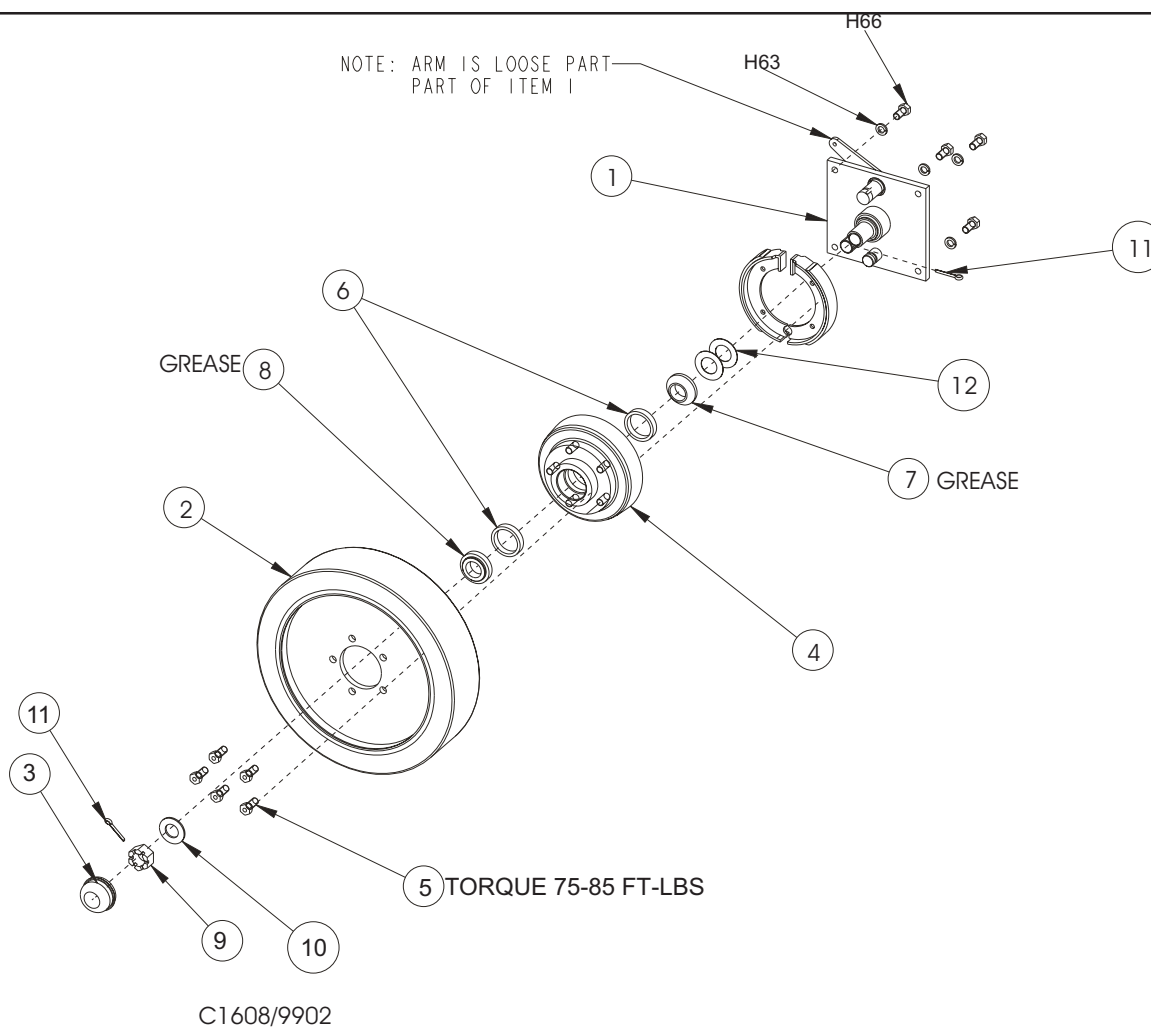


C1675/9702

KEY NO.	PART NUMBER	DESCRIPTION	QTY.
1	7-08-07075	Front Bumper	1
2	7-08-00863	Bracket - Bumper	2
3	2-00-05347	Threaded insert, 3/8 - 16	2
4	2-00-04851	Engine Mount Washer	2
HARDWARE USED:			
H47	2-00-00232	Screw, 3/8 - 16 x .750 HHC	8
H48	2-00-00233	Screw, 3/8-16 x .750 HHC	10
H53	2-00-02310	Lock Washer, Helical Spring 3/8 Med.	10
H94	2-00-00410	Flat Washer, .875 x .375 x .060	12

C1675/9702

FRONT WHEEL

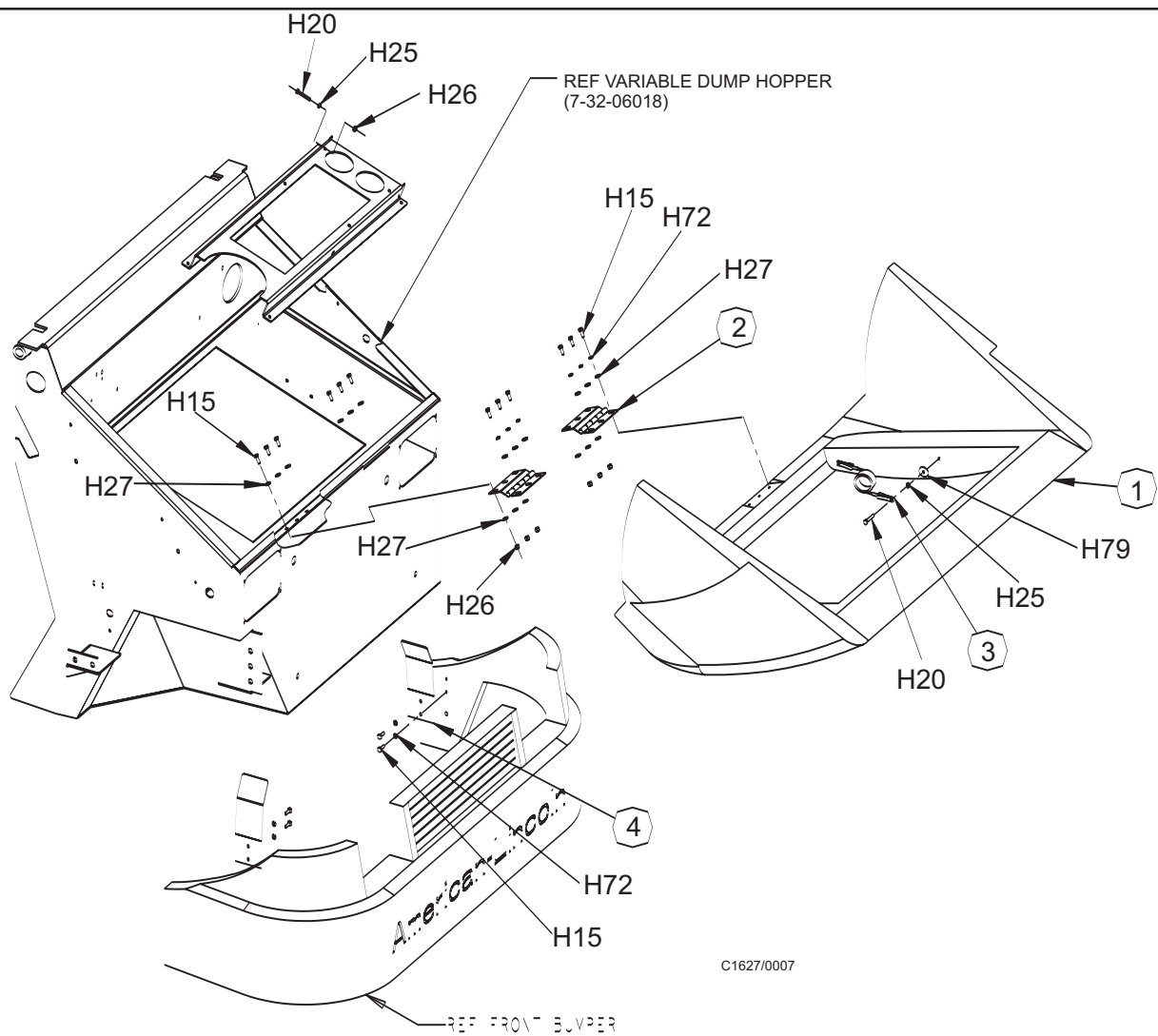


KEY NO.	PART NUMBER	DESCRIPTION	QTY.
1	0860-571	Knott Brake	2
2	7-89-08085	Molded Wheel (Gas, LP, Diesel)	2
2	7-89-08044	Molded Wheel (Battery)	2
3	8-11-00030	Grease Cap	2
4	8-33-09089	Hub and Drum	2
5	8-80-05035	Stud	10
6	2-00-04621	Bearing Cup	4
7	2-00-02079	Bearing Cone (Sealed)	2
8	2-00-04622	Bearing Cone	2
9	2-00-05026	Nut	2
10	2-00-05024	Flat Washer	2
11	2-00-02436	Cotter Pin	2
12	2-00-03797	Flat Washer	4

HARDWARE USED:

H63	2-00-02312	Lock Washer, 1/2 HS Med.	8
H66	2-00-02689	Screw, 1/2-20 x 1.000 HHC	8

C1608/9801



C1627/0007

KEY NO.	PART NUMBER	DESCRIPTION	QTY.
1	7-16-07411	Hopper Cover	1
2	7-32-00039	Hinge (Variable Dump)	2
3	8-10-00027	Cable	1
4	7-41-00035	Latch Hopper Cover	2

HARDWARE USED:

H15	2-00-00221	Screw, 1/4-20 x .750 HHC	16
H20	2-00-00203	Screw, 1/4-20 x 1.500 HHC	2
H25	2-00-00594	Nut, Hex 1/4-20 x .437 x .218	2
H26	2-00-00641	Nut, 1/4-20 Insert Fiber	7
H27	2-00-03702	Washer, .625 x .218 x .063	18
H72	2-00-00518	Lock Washer, Helical Spring	10
H79	2-00-01676	Flat Washer, 1.062 x .265 x .062	1

C1627/0007

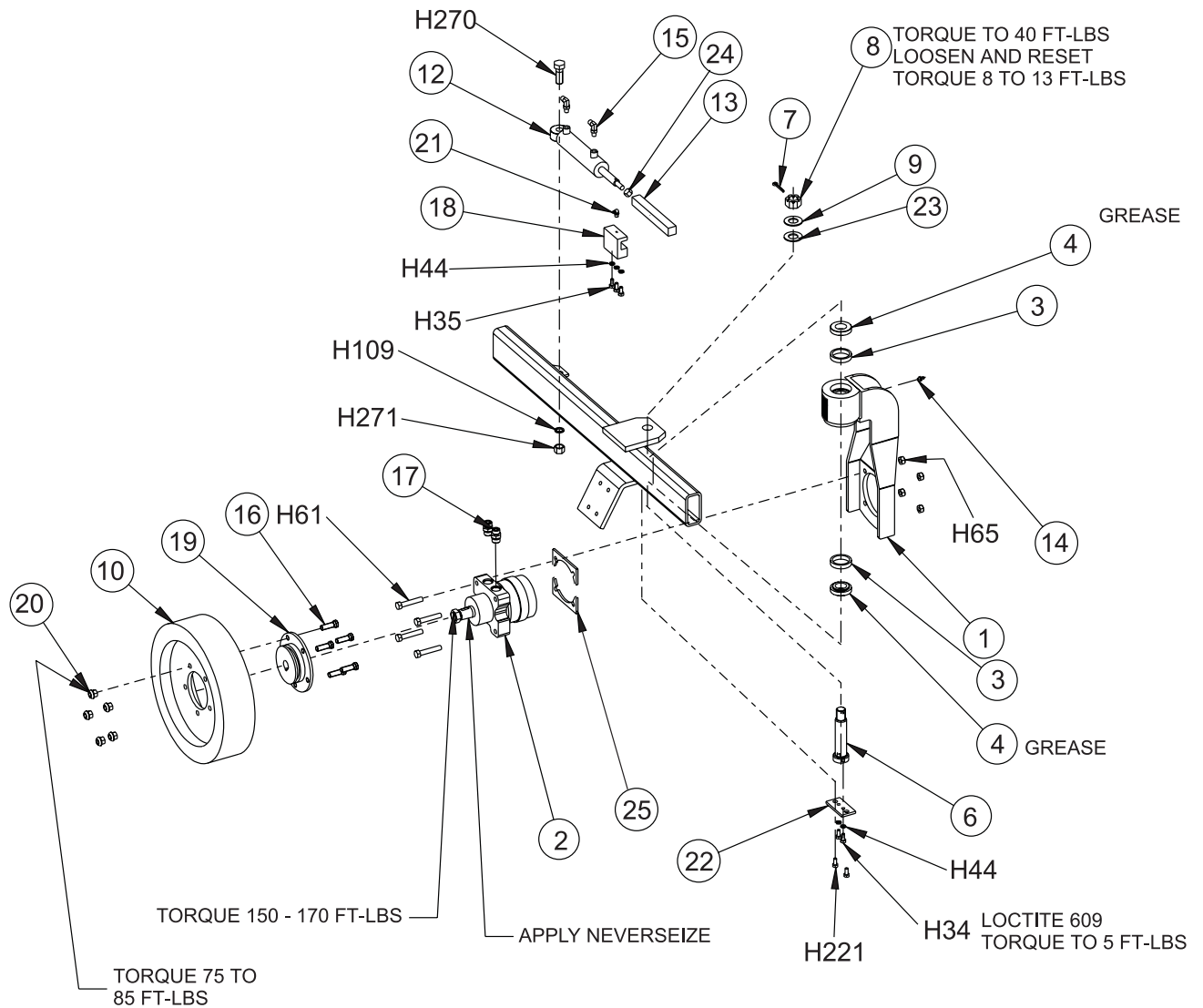
REAR WHEEL ASSEMBLY - PARTS LIST

<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	7-81-00212	Support-Wheel	1
2	71124-13	Hydraulic Motor	REF.
3	2-00-04621	Bearing - Outer Race (Cup Only)	2
4	2-00-02079	Roller Bearing	2
5			
6	8-55-08131	Pin - Pivot - Rear Wheel	1
7	2-00-02436	Cotter Pin (.18 Dia.)	1
8	2-00-05026	Nut, (Slotted Head)	1
9	2-00-05024	Flat Washer	1
10	0797-049	Wheel Assembly (Wet Traction)	1
11			
12	7-17-05010	Hydraulic Cylinder	REF.
13	7-62-00006	Rack	1
14	2-00-00566	Grease Zerk	1
15	2-00-04892	Fitting 90°	REF.
16^	2-00-05227	Stud M14 x 1.500	5
17^	2-00-04974	Straight Fitting	REF.
18	7-30-08015	Slide Rack	1
19	7-33-09028	Hub Drive Wheel	1
20	7-23-03101	Nut, M14 x 1.500	5
21	2-00-02557	Grease Zerk 90°	1
22	7-13-07176	Clamp - Pivot Pin	1
23	8-75-01136	Flat Washer	2
24	2-00-00591	Jam Nut	1
25	7-75-01182	Spacer - Motor	2
<u>HARDWARE USED:</u>			
H34	2-00-00208	Screw, 5/16-18 x .750 HHC	2
H35	2-00-02708	Screw, 5/16 - 18 x 1.000 HHM	3
H44	2-00-00530	Lock Washer, 5/16 HS Med.	5
H61^	2-00-02616	Screw, 1/2-13 x 3.000HHC	4
H65^	2-00-04936	Nut, 1/2-13 Fiber Insert	4
H109	2-00-00522	Lock Washer, 3/4 Helical Spring	1
H221	2-00-03335	Screw, Hex SOC Cap .312-18 x .500	2
H270	2-00-05341	Screw-HHC .75-10 x 2.00	1
H271	2-00-03293	Nut-Hex-Fin .75-10	1

^Gas only

C1609/9902

REAR WHEEL ASSEMBLY - EXPLODED VIEW



C1609/9707

BRAKE PEDAL - PARTS LIST

<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	7-17-00014	Brake Cross Shaft	1
2	7-55-00018	Brake Pedal	1
3	7-42-05126	Link - Brake Pedal	1
4	7-57-05036	Pivot - Brake Pedal	1
5	7-42-05131	Link - L.H. Pedal	1
6	8-10-00043	Cable	2
7	7-41-05083	Parking Brake Lever	1
8	8-10-00038	Cable	1
9	7-75-01163	Spacer - Lever Mounting	2
9	8-75-01181	Spacer-Filter Mount	2
10	7-81-00193	Support	1
11	7-50-05145	Pad - Pedal	1
12	8-66-00162	Rod - Threaded (10")	1
13	8-14-01006	Clevis	2
14	2-95-01999	Jam Nut	2
15	2-95-04182	3/8-16 Elastic Stop Nut	3
16			
17	7-60-00160	Pulley	2
18	7-13-07130	Retainer	2
19	2-00-05169	Clamp	1
20	2-00-05330	Threaded Insert	2
21*	2-00-05384	Screw-HHM .375-16 x 3.00	1
22*	2-00-05385	Screw-HHM .375-16 x 1.75	1

* Low Dump Only

HARDWARE USED:

H15	2-00-00221	Screw, 1/4-20 x .750 HHC	2
H17	2-00-00205	Screw, 1/4-20 x 1.000 HHC	2
H26	2-00-00641	Nut, 1/4-20 Fiber Insert	4
H27	2-00-03702	Washer, .625 x .281 x .063	2
H35	2-00-02708	Screw, 5/16-18 x 1.000 HHM	6
H38	2-00-00225	Screw, 5/16-18 x 1.500 HHC	1
H39	2-00-00218	Screw, 5/16 - 18 x .063 HHC	1
H41	2-00-02597	Screw, 5/16 - 18 x 3.250 HHC	1
H43	2-00-00409	Flat Washer, .687 x .344 x .062	1
H44	2-00-00530	Lock Washer, 5/16 HS Med.	2
H46	2-00-00644	Nut, 5/16 - 18 Fiber Insert	7
H54	2-00-02360	Nut, 3/8 - 16 Hex	2
H111	2-00-03296	Screw, 3/8-16 x 4.000 HHC	1
H232	2-00-04909	Yoke, Pin Assembly	2

C1610/9902

REF MAIN FRAME

11

2

H46

H35

7

10

H44

H41

H38

H46

H43

H35

15

H46

H111

REF MAIN FRAME

4

19

8

6

H17

5

H17

H26

H27

H26

1

H35

REF MAIN FRAME

3

H35

12

13

14

H232

6

REF MAIN FRAME

REF SIDE BROOM ONLY

21

17

18

15

17

H54

H54

H26

REF ITEM 6

H15

REF MAIN FRAME

22

H15

REF ITEM 6

FORWARD/REVERSE CONTROL - BATTERY - PARTS LIST

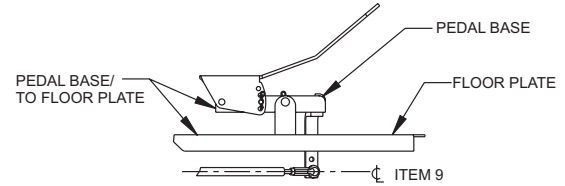
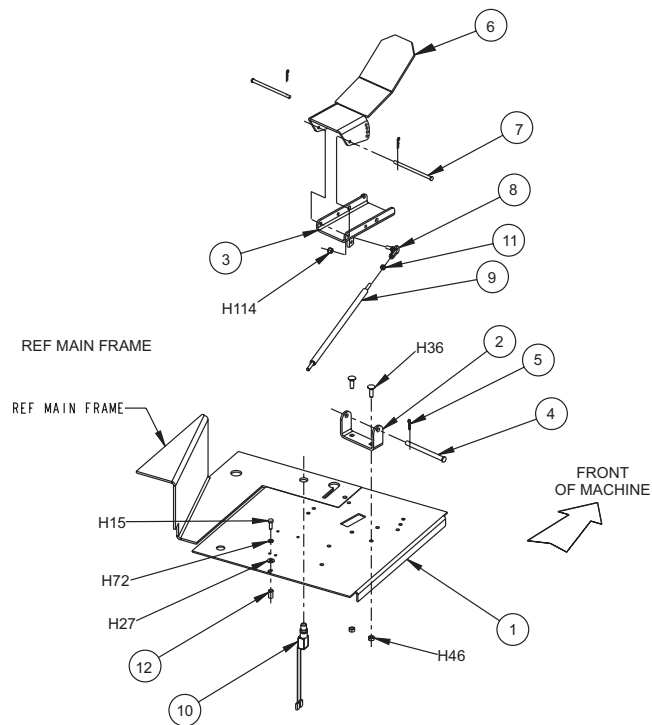
<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	7-58-05274	Floor Plate	1
2	8-08-00782	Bracket	1
3	8-55-00036	Pedal Base	1
4	2-00-05246	Pin	1
5	2-00-05249	Cotter Pin	3
6	7-55-00022	Adj. Foot Pedal	1
7	2-00-05247	Pin	2
8	7-25-02050	Rod End	1
9	7-66-00184	Rod, FWD/REV	1
10	8-82-00030	Horn Switch	1
11	2-95-01999	Jam Nut	1
12	2-00-05261	Threaded Insert, 1/4 - 20	1
13	8-82-00058	Switch	2
14	7-08-00870	Bracket - Switch	1
15	7-64-00030	Relay, Time Delay	1
16	8-64-00019	Relay, 36V	3
17	7-13-07096	Adjustable Clamp	3
18	0795-125	Harness - Wire	1

HARDWARE USED:

H9	2-00-00426	Flat Washer, .500 x .219 x .063	10
H15	2-00-00221	Screw, 1/4-20 x .750 HHC	1
H27	2-00-03702	Washer, .625 x .281 x .063	1
H36	2-00-00196	Carriage Bolt, 5/16-18 x 1.000	2
H46	2-00-00644	Nut, 5/16-18 Insert Fiber	2
H72	2-00-00518	Lock Washer, Helical Spring	1
H89	2-00-01372	Nut, Fiber Insert #8-32 Steel	2
H114	2-00-00633	Nut, Fiber 1/4 - 28	1
H121	2-00-00090	Screw, #8-32 x 1.500 RHM	4
H191	2-00-00602	Nut, MSCR - Hex, 8-32	5
H265	2-00-00506	Lock Washer, Int Tooth #8 Dia Screw	8
H266	2-00-05371	Screw-RHM #8-32 x 2.38	2
H267	2-00-00068	Screw-RHM #8-32 x .63	2

C1611A/0110

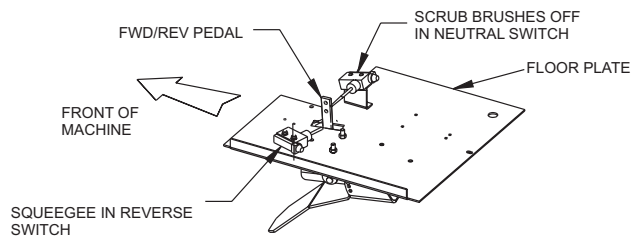
FORWARD/REVERSE CONTROL - BATTERY - EXPLODED VIEW



DETAIL A
FOOT PEDAL NEUTRAL POSITION

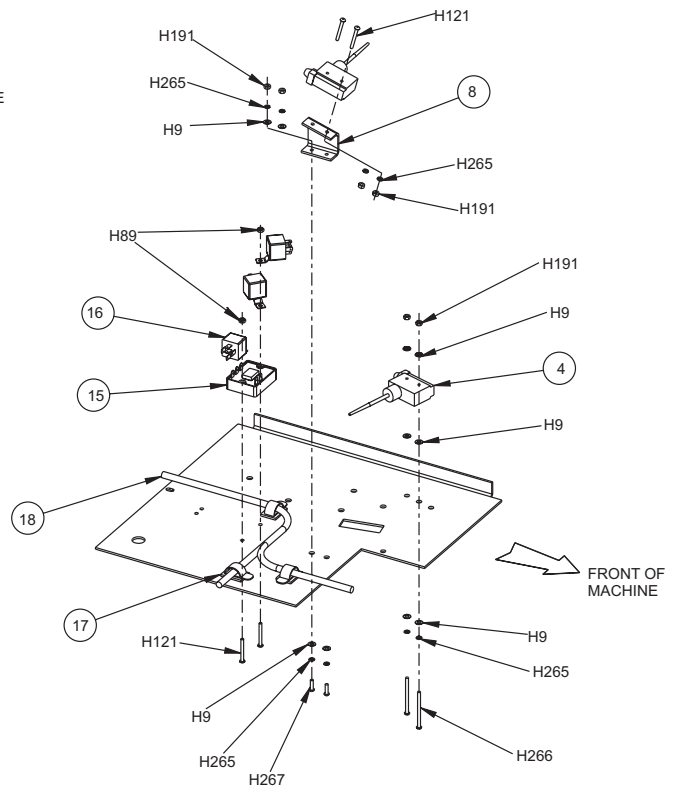
NEUTRAL ADJUSTMENT:
-ADJUST PISTON PUMP CENTERING
CONTROL TO NEUTRAL WITH REAR
WHEEL UP FROM FLOOR

-ADJUST ITEM 9 AND 14 FOR
FOOT PEDAL NEUTRAL (DETAIL A)



NOTE: WITH FWD/REV PEDAL PARALLEL TO FLOOR PLATE
SCRUB BRUSH, OFF SWITCH IS IN NEUTRAL POSITION
WHEN INSERTED THROUGH PEDAL AS SHOWN. SQUEEGEE
IN REVERSE SWITCH IS IN NEUTRAL POSITION AND
RESTS ON FRONT SURFACE OF FWD/REV PEDAL AS SHOWN.

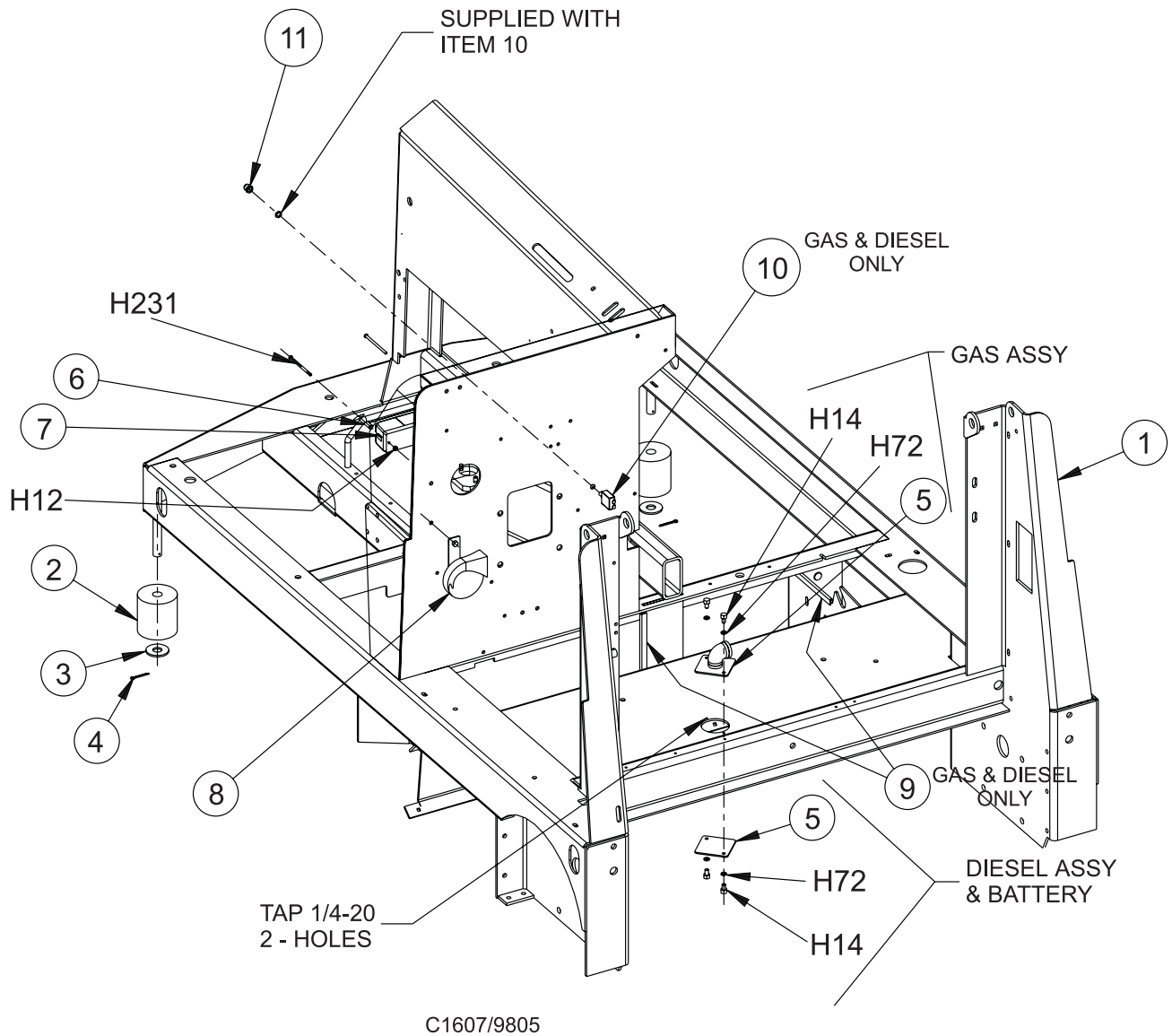
C1611A/0110



FRAME-PARTS LIST

<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	7-27-07175	Main Frame(Gas, Diesel)	1
1	7-27-07183-1	Main Frame (Battery)	1
2	7-66-05009	Roller Bumper	2
3	8-75-01157	Washer, (2" x .812 x .157)	2
4	2-00-00776	Cotter Pin (.12 x 1.25)	2
5	7-16-07398	Cover Plate - Weldment (Gas)	Ref.
5	7-16-07390	Cover Plate (Diesel)	1
6	8-75-01207	Spacer	2
7	8-40-05044	Tail Light (Gas, Diesel)	1
7	8-40-05053	Tail Light (Battery)	1
8	8-32-09013	Horn (Gas, Diesel)	1
9	7-21-04031	Edging-Brush Drive Support	2
10	7-64-00032	Circuit Breaker (50 AMP)	1
11	8-11-00051	Boot - Circuit Breaker	1
<u>HARDWARE USED:</u>			
H12	2-00-01246	Nut, Hex. Fiber Insert #10-24	2
H14	2-00-00219	Screw, 1/4-20 x .500 HHC	4
H72	2-00-00518	Lock Washer, Helical Spring	4
H231	2-00-02933	Screw, #10-24 x 3.50	2

C1607/9805



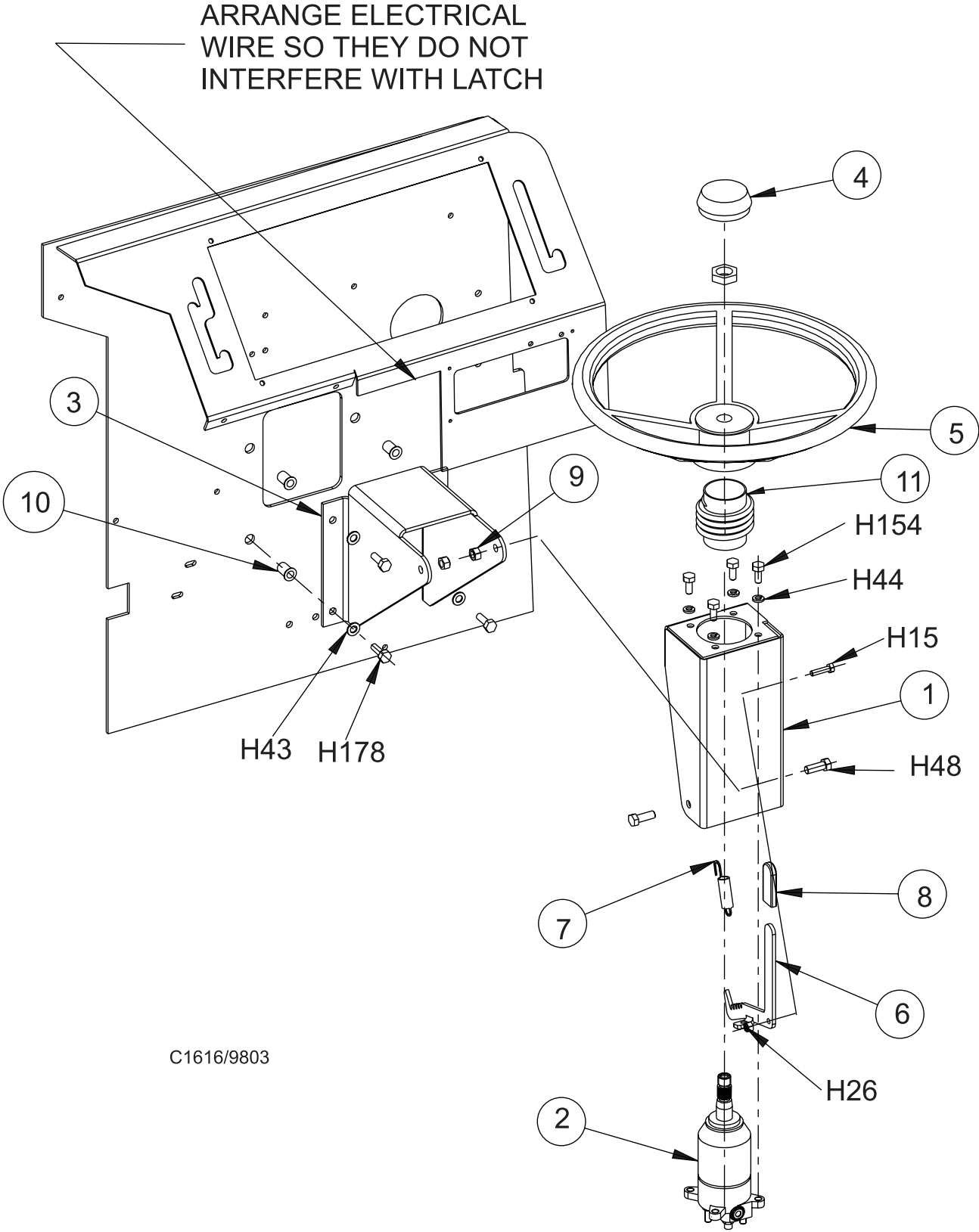
STEERING COLUMN - PARTS LIST

<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	7-33-05124	Housing Steering Valve	1
2	8-60-05034	Steering Unit 4.88 CIR/1100 PSI	Ref.
3	7-81-00202	Steering Support	1
4	8-11-00022	Cap Steering Wheel	1
5	8-89-08016	Steering Wheel	1
6	7-41-00038	Latch	1
7	7-76-00051	Spring	1
8	8-31-06083	Grip Latch	1
9	2-95-04182	3/8-16 Lock Nut	2
10	2-00-05330	5/16-18 THD Insert	4
11	8-33-02360	Hose, Heat Shield	1

HARDWARE USED:

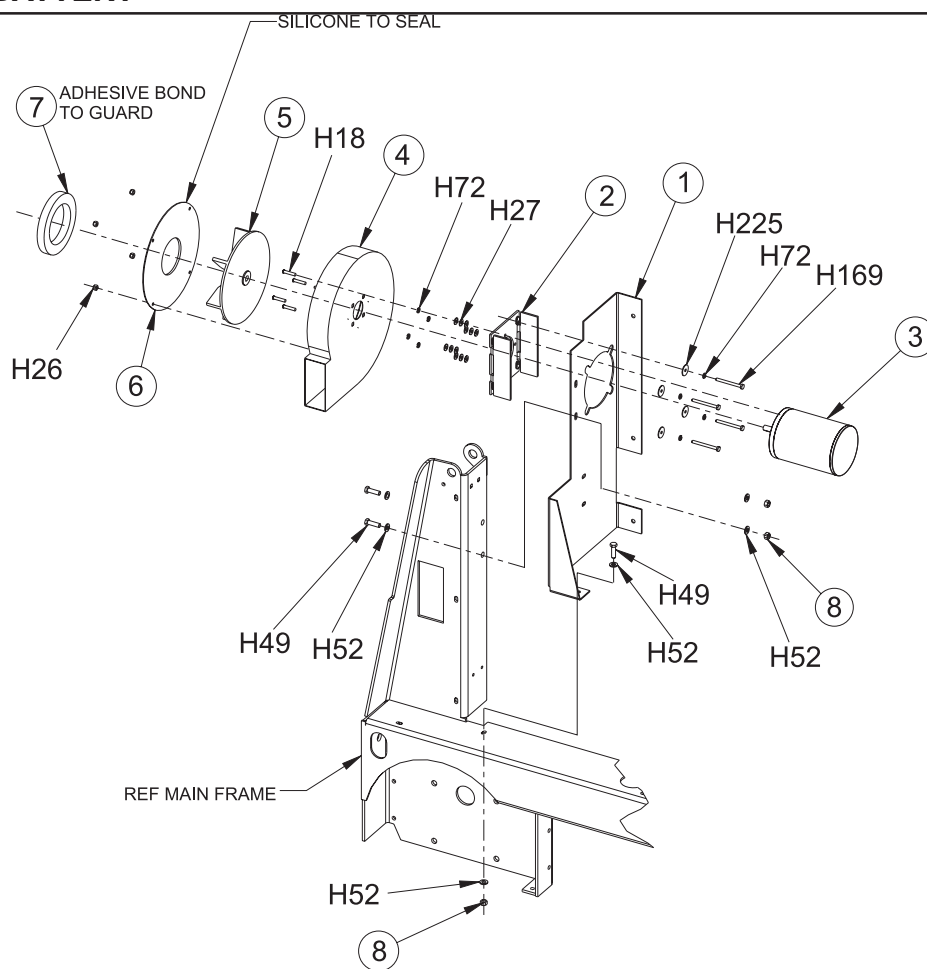
H15	2-00-00221	Screw, 1/4 - 20 x .750 HHC	1
H26	2-00-00641	Nut, 1/4-20 Insert Fiber	1
H44	2-00-00530	Lock Washer, 5/16 Helical Spring Med.	4
H48	2-00-00233	Screw, 3/8-16 x 1.000 HHC	2
H154	2-00-04363	ScrewScrew, M8-1.250 x .750	4
H178	2-00-00206	Screw, 5/16 - 18 x 1.000 HHC	4

C1616



C1616/9803

VAC FAN - BATTERY



C1767/9807

KEY NO.	PART NUMBER	DESCRIPTION	QTY.
1	7-81-00197	Support Motor	1
2	7-08-00868	Bracket-IMP. Motor Bracket (Welded)	1
3	0882-062	Motor-Impellor	1
4	8-72-00005	Shroud-Impellor	1
5	8-23-00013	Impellor	1
6	8-30-05169	Weldment-Guard Plate	1
7	8-29-00183	Gasket-Blower	1
8	2-95-04182	Nut, 3/8-16 Elastic Stop Nut	3

HARDWARE USED:

H18	2-00-00060	Screw, 1/4-20 x 1.250 RHM	4
H26	2-00-00641	Nut, 1/4-20 Insert Fiber	4
H27	2-00-03702	Washer, .625 x .281 x .063	12
H49	2-00-00209	Screw, 3/8-16 x 1.250 HHC	3
H52	2-00-00402	Flat Washer, .750 x .390 x .094	6
H72	2-00-00518	Lock Washer, Helical Spring	4
H169	2-00-02637	Screw, 1/4-20 x 2.750 HHC	4
H225	2-00-04851	Washer, Engine Mount	4

C1767/9807

VAC MOTOR MANIFOLD - PARTS LIST

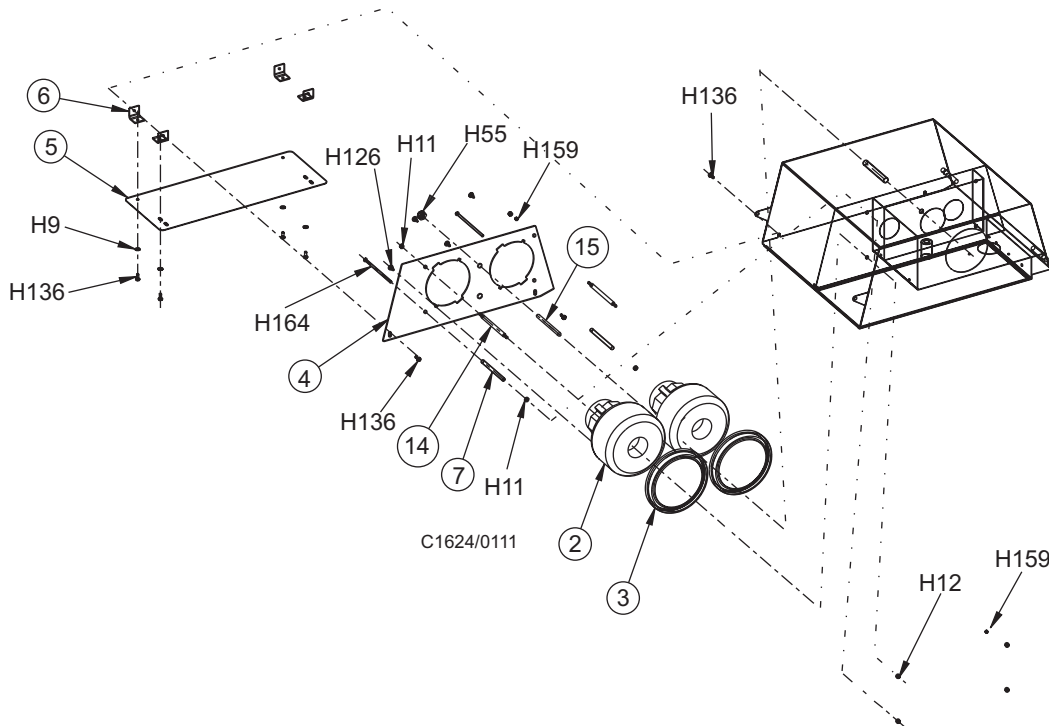
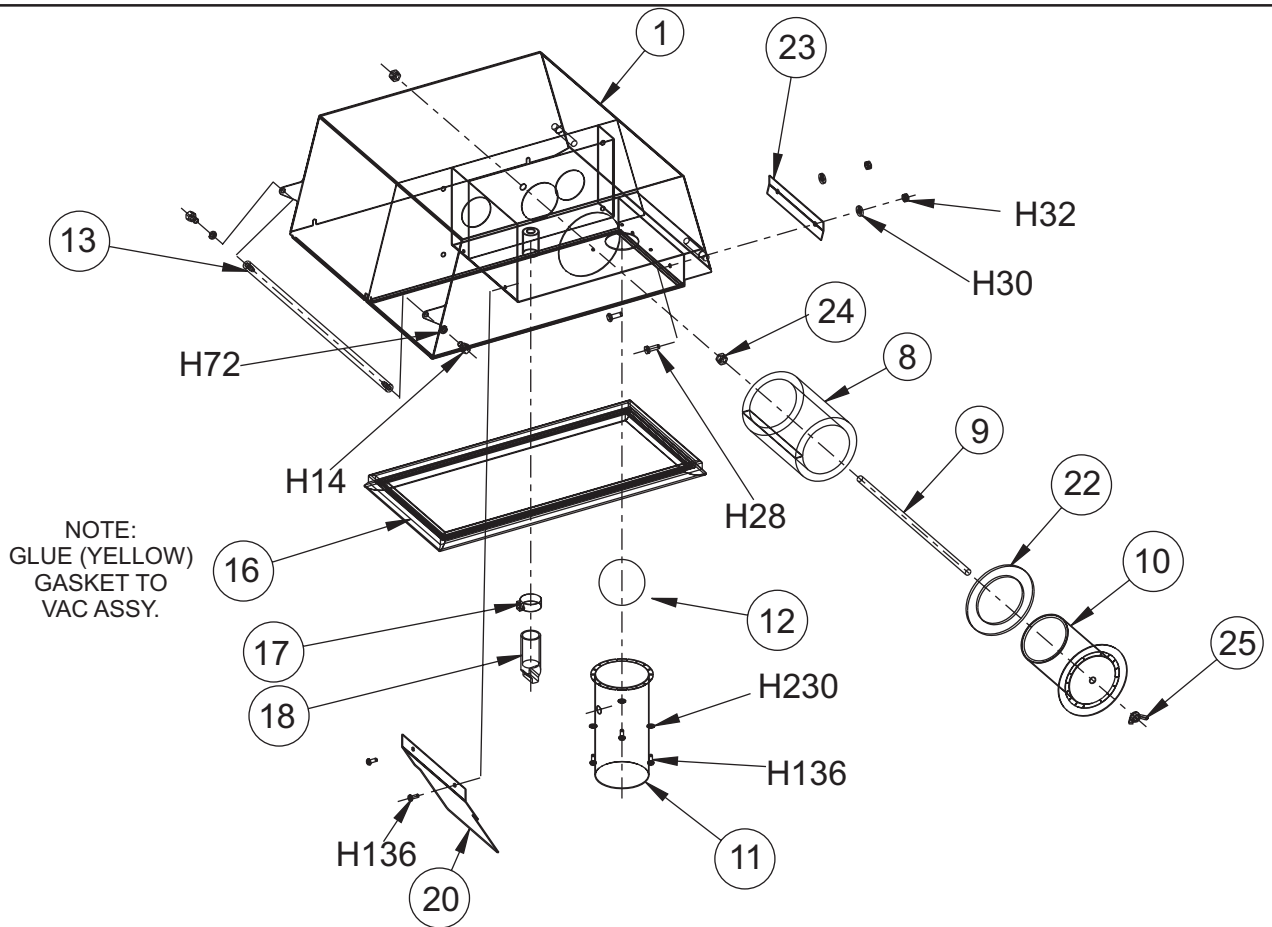
<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	7-48-00032	Manifold - Vac Motor (Weldment)	1
2	0782-117	Motor - Vacuum (3 Stage) 36V	2
3	2-22-00003	Ring - Motor Mounting	2
4	7-58-05273	Plate - Vac Motor Mounting	1
5	7-05-01000	Baffle - Splash	1
6	7-13-07163	Clip - Baffle Mounting	4
7	7-75-01128	Spacer	4
8	7-24-04050	Filter - Vac Manifold	1
9	7-80-05079	Stud - Vac Motor Mounting	1
10	7-10-04009	Cage - Filter (Weldment)	1
11	7-10-04008	Float Cage	1
12	7-26-04012	Float - Recovery	1
13	8-31-06075	Handle	1
14	7-80-05083	Stud	2
15	7-75-01185	Spacer	1
16	7-29-00236	Gasket	1
17	2-00-02220	Clamp	1
18	8-88-00016	Valve, Rubber	1
19			
20	7-05-01001	Baffle	1
21			
22	7-29-00242	Gasket	1
23	7-13-07178	Clamp - Vac Gasket	1
24	2-00-00593	Nut, 3/8-16 Hex Hvy.	2
25	2-00-00669	Wing Nut, 3/8-16	1

HARDWARE USED:

H9	2-00-00426	Flat Washer, .500 x .219 x .063	4
H11	2-00-00605	Nut, Hex MS #10-24 x .375 x .125	4
H12	2-00-01246	Nut, Hex Fiber Insert #10-24	4
H14	2-00-00219	Screw, 1/4-20 x .500 HHC	2
H28	2-00-04685	Screw, 1/4-20 x .750 HHC	2
H30	2-00-04687	Lock Washer, Helical Spring ¼ Med.	2
H32	2-00-04688	Nut, 1/4-20 Hex	2
H55	2-00-00643	Nut, 3/8-16 Stop	1
H72	2-00-00518	Lock Washer, Helical Spring	2
H126	2-00-03466	Screw, #10-16 x .500	4
H136	2-00-03940	Screw, #10-24 x .500 T/C HH	13
H159	2-00-00512	Lock Washer	6
H164	2-00-00107	Screw, #10-24 x 4.500 RD HD	2
H230	2-00-00466	Flat Washer, .625 x .203 x .031	3

C1624/0111

VAC MOTOR MANIFOLD - EXPLODED VIEW



FILTER SHAKER - PARTS LIST

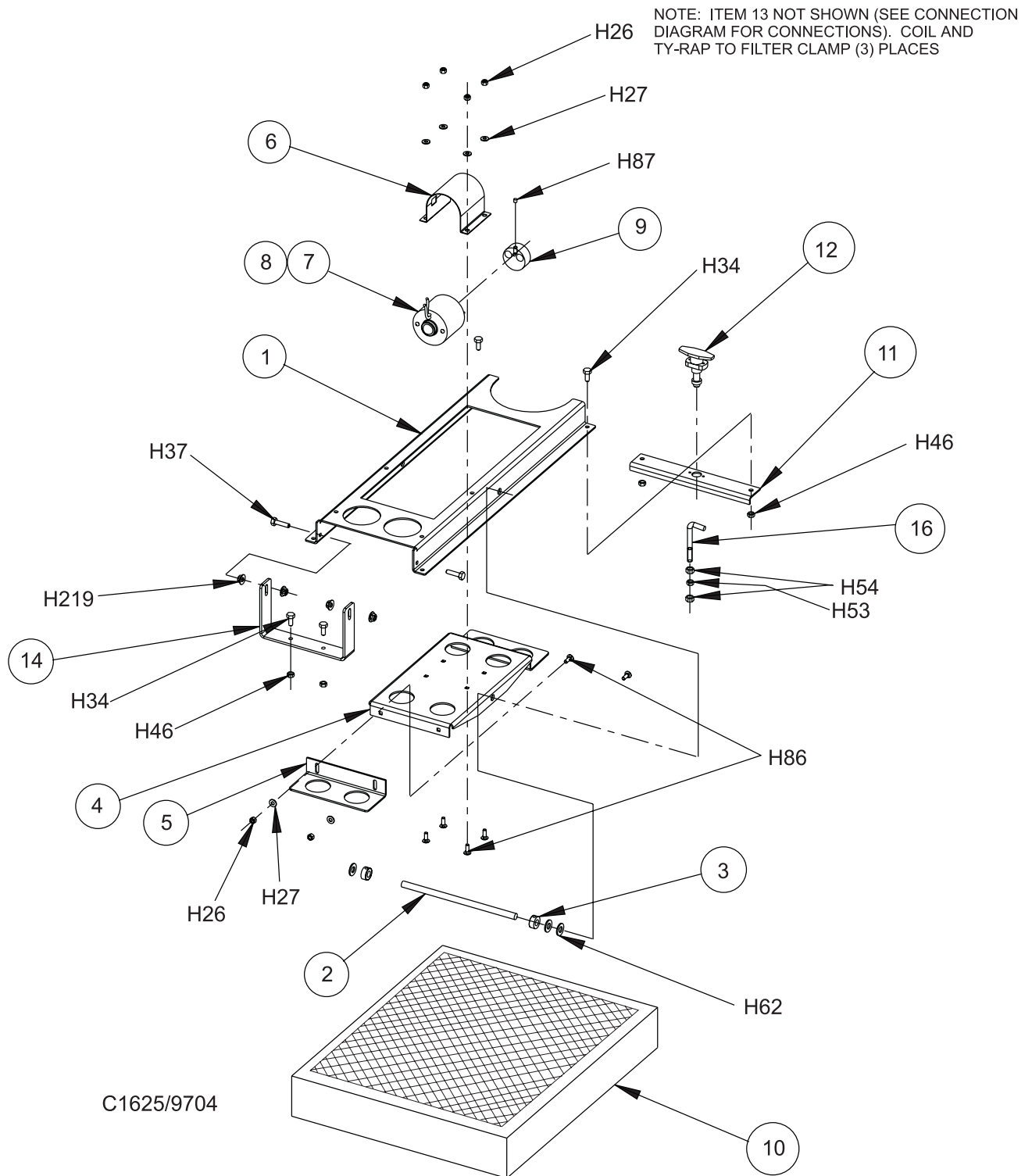
<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	8-13-07139	Clamp-Filter	1
2	8-55-08119	Pin-Shaker Pod	1
3	8-15-01016	½" Stop Collar	2
4	8-58-05284	Plate-Shaker	1
5	8-03-04302	Arm-Shaker	1
6	8-16-07406	Filter Shaker Motor Cover	1
7	0860-623	Filter Shaker Motor (12 VDC)	1
8	0860-624	Filter Shaker Motor (36 VDC)	1
9	8-89-04019	Weight (Gas, LP, Diesel)	1
10	8-24-04148	Filter	1
11	8-13-07121	Mounting-Angle-Shaker	1
12	8-41-00053	Latch	1
13	8-90-07433	Wire-Hopper Shaker	1
14	8-08-00826	Mounting-Angle-Shaker	1
15			
16	7-80-05080	Stud-Latch	1

HARDWARE USED:

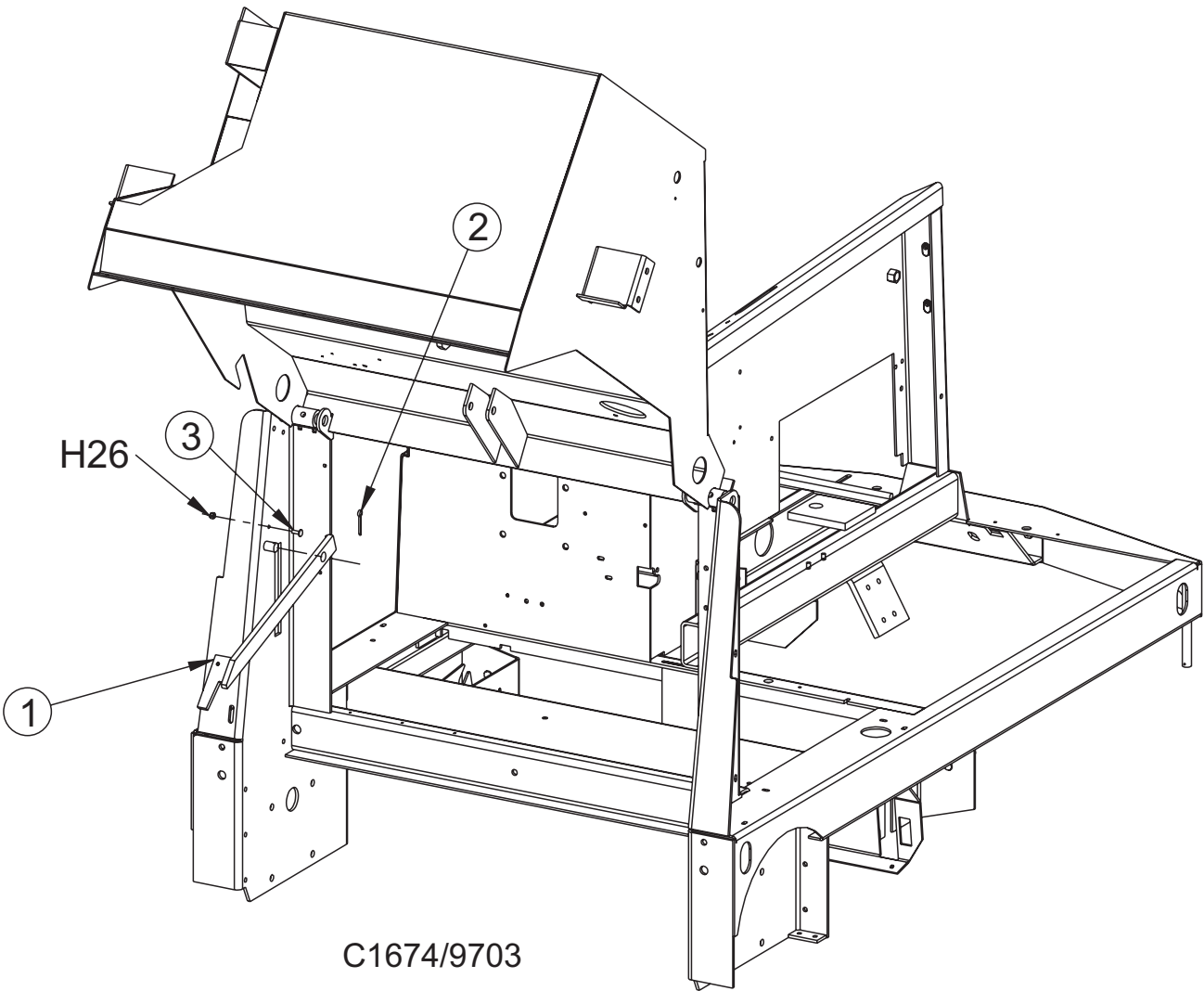
H26	2-00-00641	Nut, 1/4-20 Insert Fiber	6
H27	2-00-03702	Washer, .625 x .281 x .063	6
H34	2-00-00208	Screw, 5-16-18 x .750 HHC	4
H37	2-00-00207	Screw, 5/16-18 x 1.250 HHC	2
H46	2-00-00644	Nut, 5/16-18 Insert Fiber	4
H53	2-00-02310	Lock Washer, Helical Spring 3/8 Med.	1
H54	2-00-02360	Nut, Hex 3/8-16	2
H62	2-00-00405	Flat Washer, 1.063 x .531 x .094	3
H86	2-00-03575	Carriage Bolt, 1/4-20 d .750	6
H87	2-00-00263	Setscrew, 1/4-20 x .250 HSKCP	1
H219	2-00-05359	Nut, Serrated Flange, 5/16-18	4

C1625/9704

FILTER SHAKER - EXPLODED VIEW



SAFETY ARM

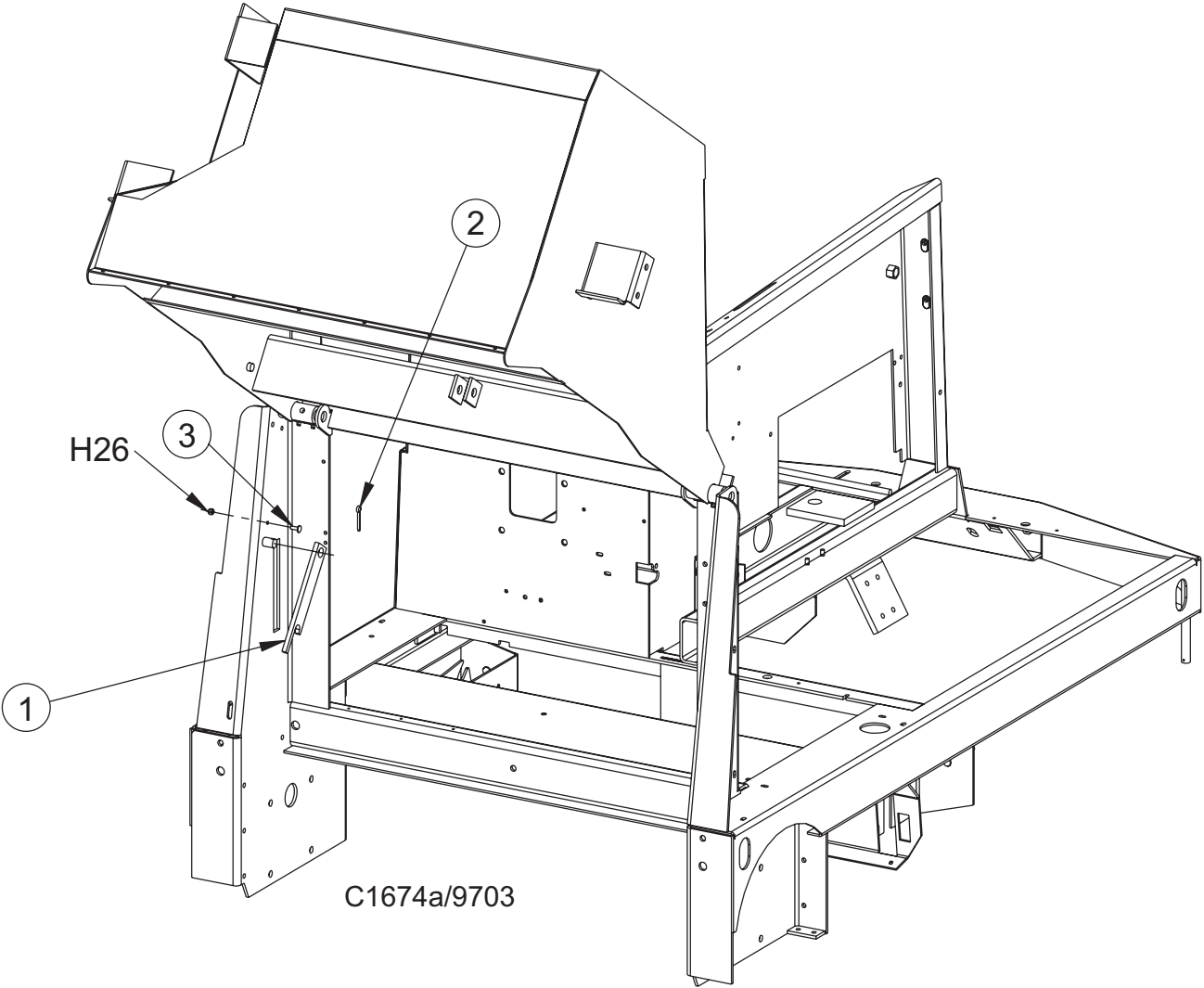


<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	7-81-00198	Safety Arm Weldment	1
2	2-00-02436	Cotter Pin	1
3	2-00-00051	Screw, 1/4 - 20 x .750 RHM	1

HARDWARE USED:

H26	2-00-00641	Nut, 1/4-20 Insert Fiber	1
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C1674



<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	7-03-04163	Safety Arm	1
2	2-00-02436	Cotter Pin	1
3	2-00-00051	Screw, 1/4 - 20 x .750 RHM	1

HARDWARE USED:

H26	2-00-00641	Nut, 1/4-20 Insert Fiber	1
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C1674a

CONSOLE - PARTS LIST

<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	8-82-00041	Key Switch	1
2	8-82-00027	Light Switch	1
3	2-00-05375	Switch Blank	4
4	8-48-05032	Fuel Gauge	1
5	0760-495	Warning Light Assembly	1
6	8-08-00838	Relay Panel	1
7	8-64-05010	Time Delay Relay	1
8	8-64-05009	Relay	2
9	7-52-00147	Instrument Panel	1
10	7-18-00244	Decal	1
11			
12	8-82-00062	Switch	1
13	7-52-00148	Circuit Breaker Panel	1
14	8-64-00008	Circuit Breaker - 15 AMP	8
15	2-00-04757	Hole Plug	2
16	7-48-05029	Hour Meter	1
17	7-82-00040	Switch	1
18	7-82-00039	Switch	2
19	0775-218	Diode Assembly	1
20	7-82-00041	Switch	1
21	0775-216	Diode Assembly	1
22	0795-115	Harness	1
23	8-11-00044	Switch Boots	8
24	2-00-05337	Screw, #8-32 x .750 BHS Stainless	12

HARDWARE USED:

H12	2-00-01246	Nut, Hex Fiber Insert #10-24	2
H89	2-00-01372	Nut, Fiber Insert #8-32 Steel	8
H100	2-00-03062	Screw, #10-24 x .625 THM	1
H101	2-00-04897	Screw, #10-24 x 1.250 THM	1

C1690/9706

SEAT AND FLOOR ASSEMBLY - PARTS LIST

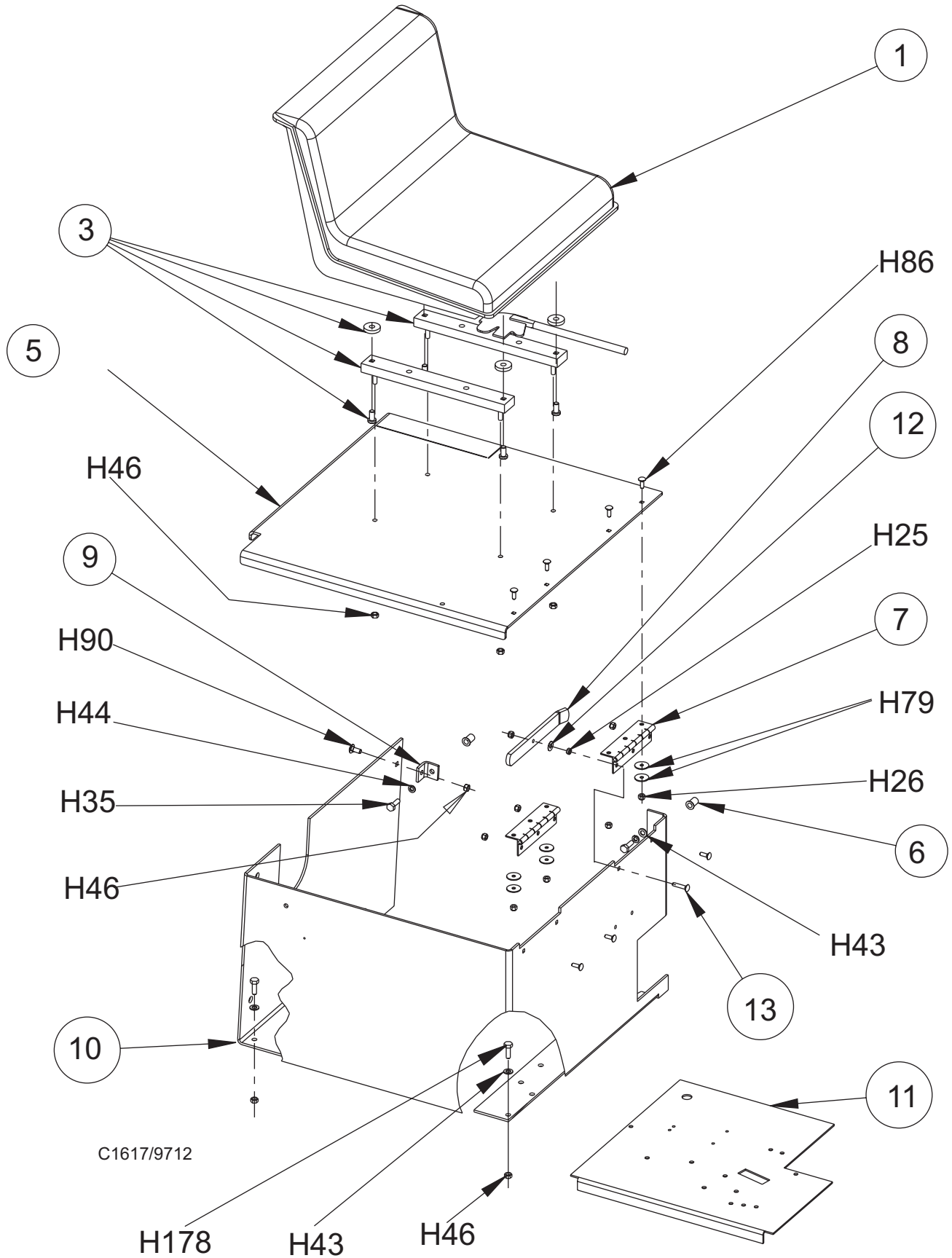
<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	8-69-00020	Seat	1
2			
3	7-72-05005	Slide - Seat Adjuster	1
4			
5	8-52-00186	Seat Deck	1
6	2-00-05330	Threaded Insert	2
7	8-32-00044	Hinge	2
8	8-41-00064	Stop - Seat Deck	1
9	8-08-00834	Bracket	1
10	8-33-05124	Housing - Seat and Fuel	1
11	7-58-05274	Floor / Kick Panel	Ref.
12	7-23-03048	Spring Washer 5/16	1
13	2-00-01951	Carriage Bolt 1/4-20 x 1.250	1

HARDWARE USED:

H25	2-00-00594	Nut, Hex 1/4-20 x .437 x .218	1
H26	2-00-00641	Nut, 1/4-20 Insert Fiber	8
H35	2-00-02708	Screw, 5/16 - 18 x 1.000HHM	2
H43	2-00-00409	Flat Washer, .687 x .344 x .062	3
H44	2-00-00530	Lock Washer, 5/16 HS Med.	2
H46	2-00-00644	Nut, 5/16-18 Insert Fiber	7
H47	2-00-00232	Screw, 3/8-16 x .750 HHC	4
H53	2-00-02310	Lock Washer, Helical Spring 3/8 Med.	4
H79	2-00-01676	Flat Washer, 1.062 x .265 x .062	6
H86	2-00-03575	Carriage Bolt, 1/4-20 x .750	7
H90	2-00-03569	Carriage Bolt, 5/16-18 x .750	5
H178	2-00-00206	Screw, 5/16-18 x 1.000 HHC	2

C1617/9712

SEAT AND FLOOR ASSEMBLY - EXPLODED VIEW



PUMP ASSEMBLY WHEEL DRIVE - BATTERY - PARTS LIST

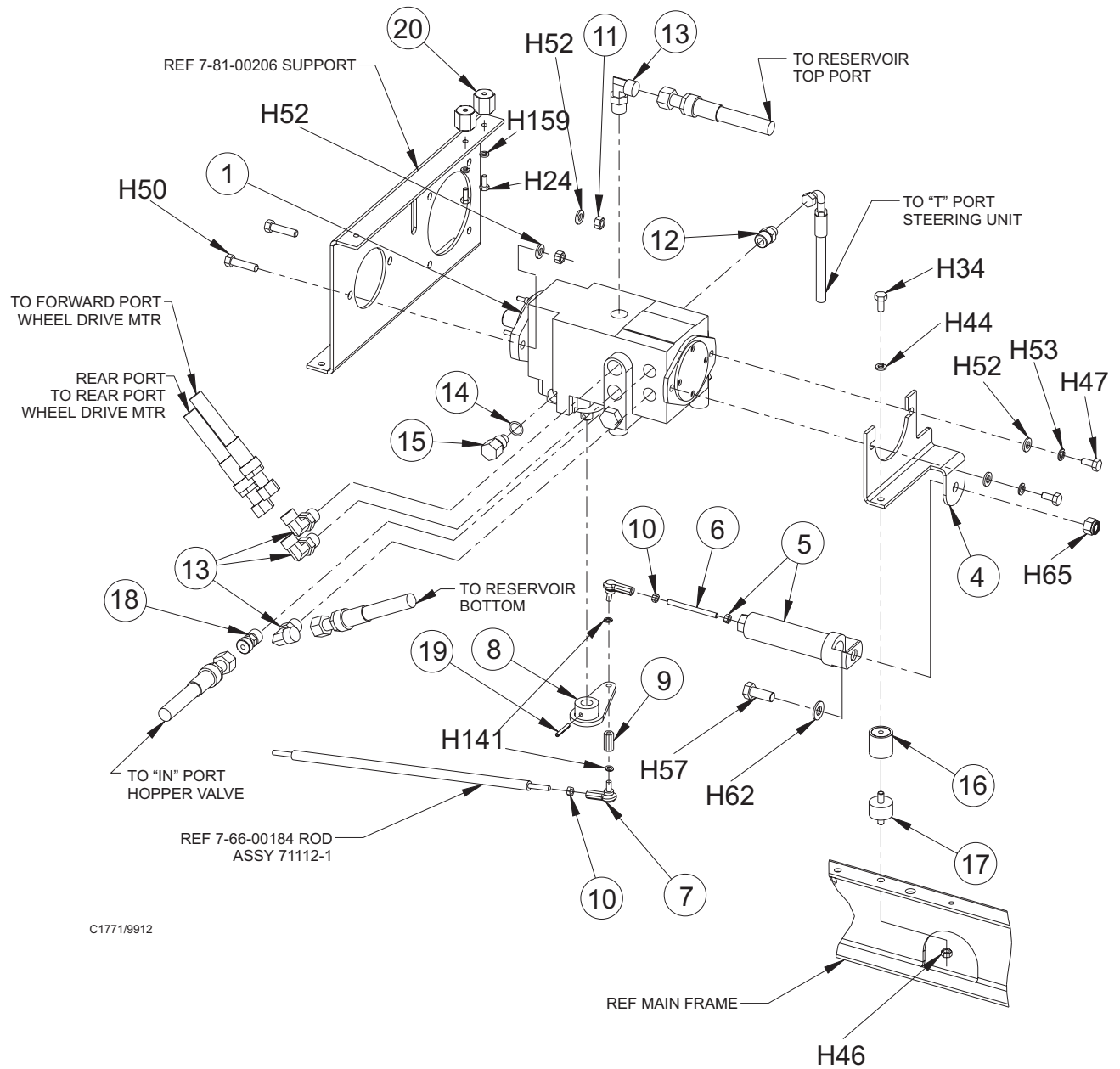
<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	7-60-05033	Pump- Piston	1
2			
3			
4	8-08-00781	Bracket - Hydroback	1
5	8-16-00025	Centering Control	1
6	7-66-00147	Rod - Adjustment - Centering Control	1
7	7-25-02050	Rod End - Spherco	2
8	7-03-04173	Arm - Pump Control	1
9	7-25-02082	Nut, Special	1
10	2-95-01999	Nut - 1/4-28 Hex Jam	2
11	2-95-04182	Nut - 3/8-16 Elastic Stop Nut	2
12	2-00-05264	Fitting - Connector #8SAE - #40RS	1
13	2-00-04882	Fitting - 90° Elbow (O-Ring)	4
14	2-00-04983	O-Ring - 8 For SAE O-Ring Boss	1
15	7-78-05023	Pump Stop - Reverse Speed	1
16	7-50-05152	Pad - Mounting	1
17	8-50-05037	Pad - Radiator Mount	1
18	2-00-04970	Fitting - Connector 80RS - 8SAE STR	1
19	2-00-00880	Roll Pin	1
20	8-35-00021	Isolater	2

HARDWARE USED:

H24	2-00-00220	Screw, 1/4-20 x .625 HHC	1
H34	2-00-00208	Screw, 5/16-18 x .750 HHC	1
H44	2-00-00530	Lock Washer, 5/16 HS Med.	1
H46	2-00-00644	Nut, 5/16-18, Insert Fiber	1
H47	2-00-00232	Screw, 3/8-16 x .750 HHC	1
H50	2-00-00234	Screw, 3/8-16 x 1.500 HHC	2
H52	2-00-00402	Flat Washer, .750 x .390 x .094	6
H53	2-00-02310	Lock Washer, Helical Spring 3/8 Med.	2
H57	2-00-00240	Screw, 1/2-13 x 1.250 HHC	1
H62	2-00-00405	Flat Washer, 1.063 x .531 x .094	1
H65	2-00-04936	Nut, 1/2-13 Fibre Lock	1
H141	2-00-00501	Lock Washer, Int.	2
H159	2-00-00512	Lock Washer	1

C1771/9912

PUMP ASSEMBLY WHEEL DRIVE - BATTERY - EXPLODED VIEW



PUMP ASSEMBLY WHEEL DRIVE - BATTERY cont. - PARTS LIST

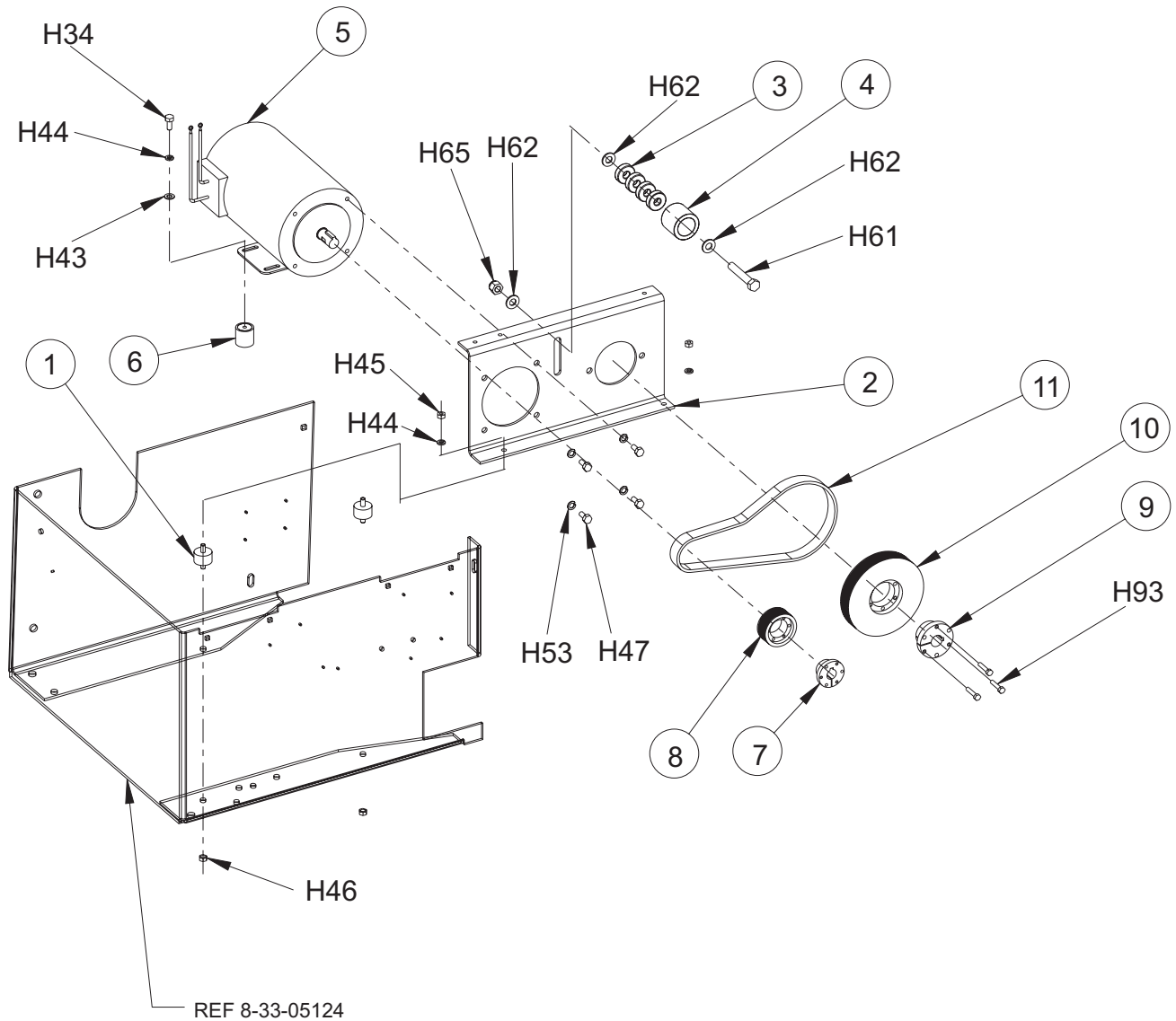
<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	8-50-05037	Pad-Radiator Mount	2
2	7-81-00206	Support-Motor/Pump Wheel Drive	1
3	2-00-03306	Bearing-Ball	4
4	7-60-00175	Pulley-Idler	1
5	0782-142	Motor-Wheel Drive-5 HP-36 VDC	1
6	7-50-05152	Pad-Mounting	1
7	7-09-01141	Bushing-Aux. Electric Motor	1
8	7-60-00176	Sheave-Aux. Motor	1
9	7-09-01142	Bushing-Aux. Pump	1
10	7-60-00177	Sheave-Aux. Pump	1
11	2-00-05409	Poly V-Belt	1

HARDWARE USED:

H34	2-00-00208	Screw, 5/16-18 x .750 HHC	1
H43	2-00-00409	Flat Washer, .687 x .344 x .062	1
H44	2-00-00530	Lock Washer, 5/16 HS Med	3
H45	2-00-00585	Nut, Hex 5/16-18 x .500 x .265	2
H46	2-00-00644	Nut, 5/16-18, Insert Fiber	2
H47	2-00-00232	Screw, 3/8-16 x .750 HHC	4
H53	2-00-02310	Lock Washer, Helical Spring, 3/8 Med	4
H61	2-00-02616	Screw, 1/2-13 x .3000 HHC	1
H62	2-00-00405	Flat Washer, 1.063 x .531 x .094	3
H65	2-00-04936	Nut, 1/2-13 Fiber Lock	1
H93	2-00-00222	Screw, 1/4-20 X 1.250 HHM	1

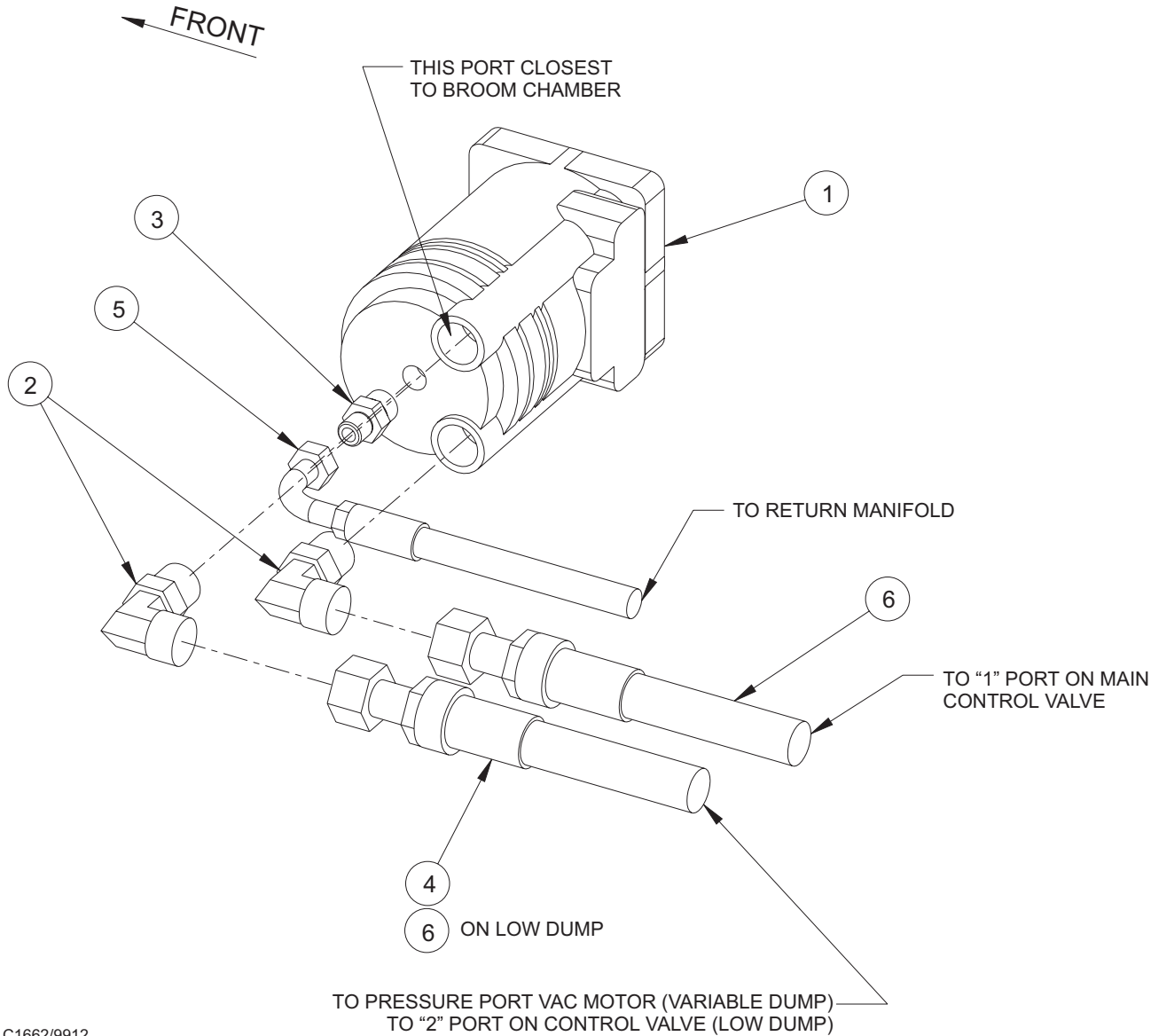
C1772/9912

PUMP ASSEMBLY WHEEL DRIVE - BATTERY cont. - EXPLODED VIEW



C1772/9912

MAIN BROOM HYDRAULICS



C1662/9912

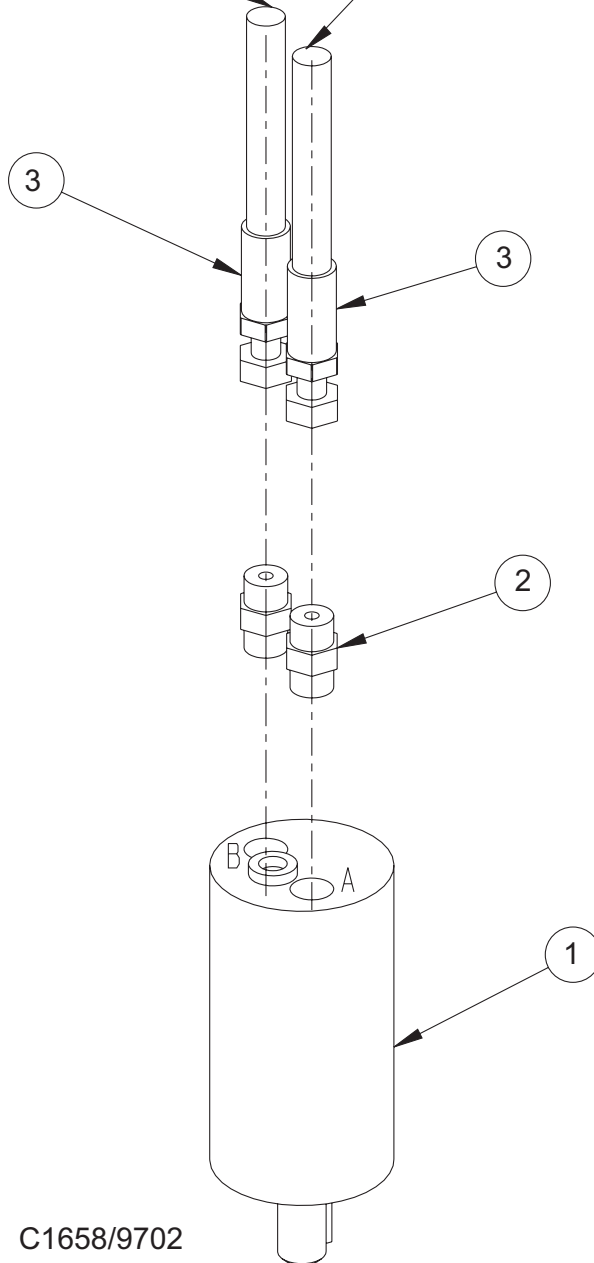
KEY NO.	PART NUMBER	DESCRIPTION	QTY.
1	0882-040	Motor	1
2	2-00-04885	Fitting #8 SAE to #8 ORS 90°	2
3	2-00-04895	Fitting #4 SAE to #4 ORS	1
4	7-33-02192	Hose #8 ORS STR - 90°, 90.0"	Ref.
5	8-33-02200	Hose #4 ORS STR - 90° 55.0"	Ref.
6	8-33-02325	Hose #8 ORS STR Ends 65.0"	Ref.

C1662

SIDE BROOM HYDRAULICS

TO PORT "B" ON CYLINDER
CONTROL VALVE

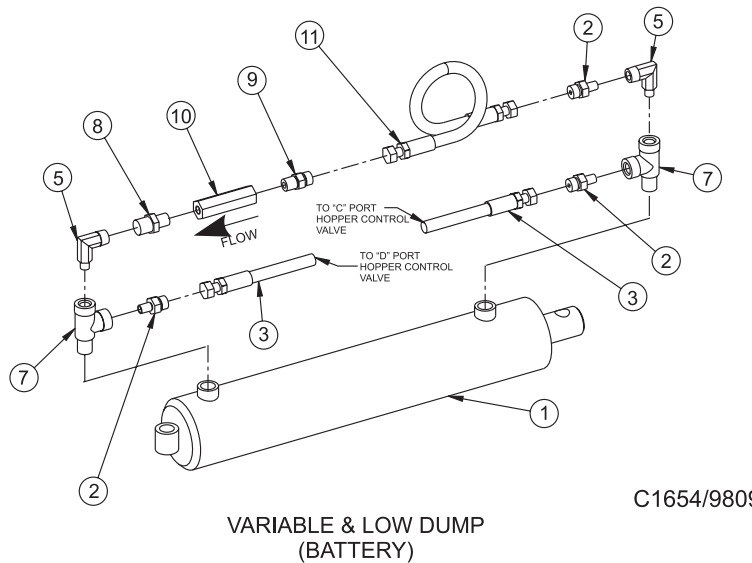
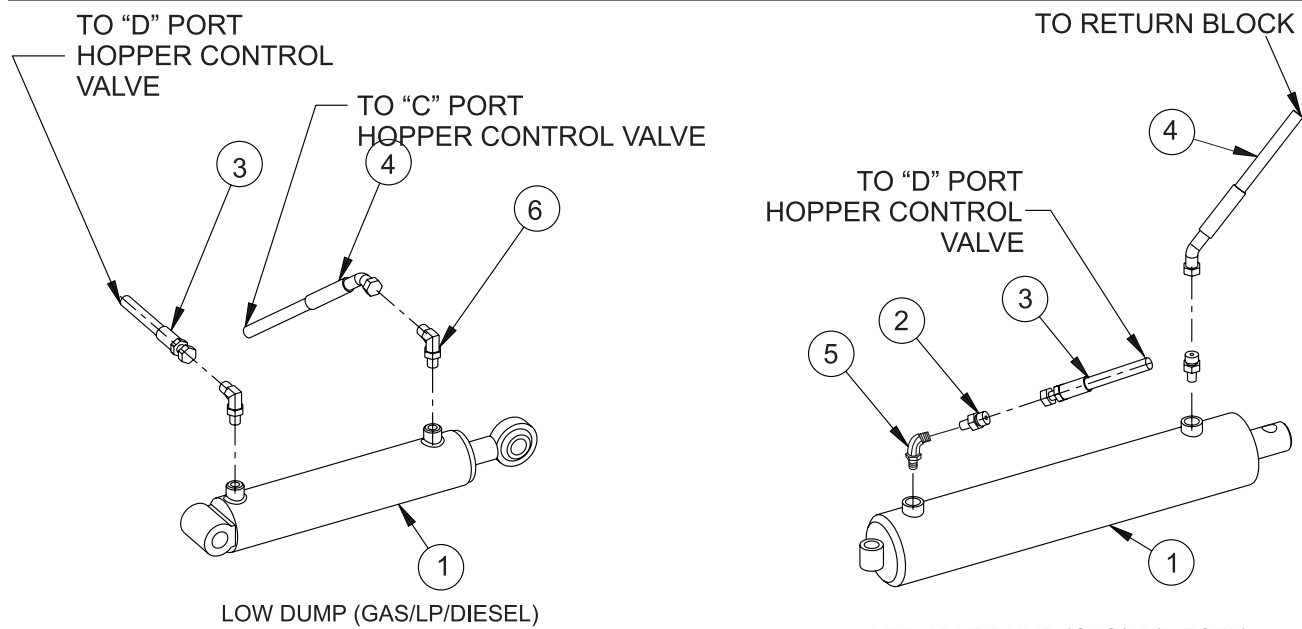
TO PORT "A" ON CYLINDER
CONTROL VALVE



<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	0885-061	Motor	1
2	2-00-04918	Straight Fitting	2
3	7-33-02353	Hose 98.5"	Ref.

C1658

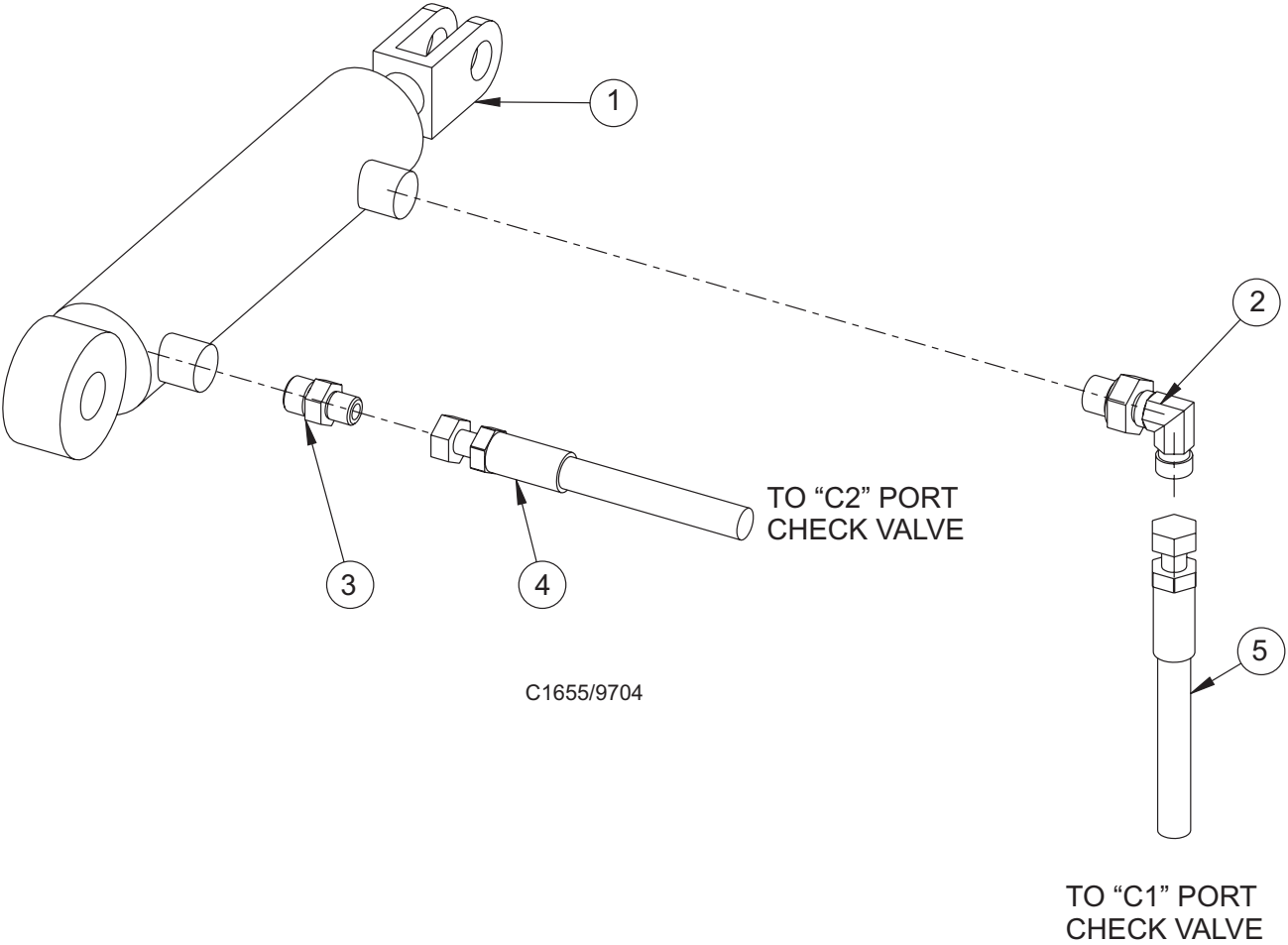
HOPPER LIFT HYDRAULICS



C1654/9809

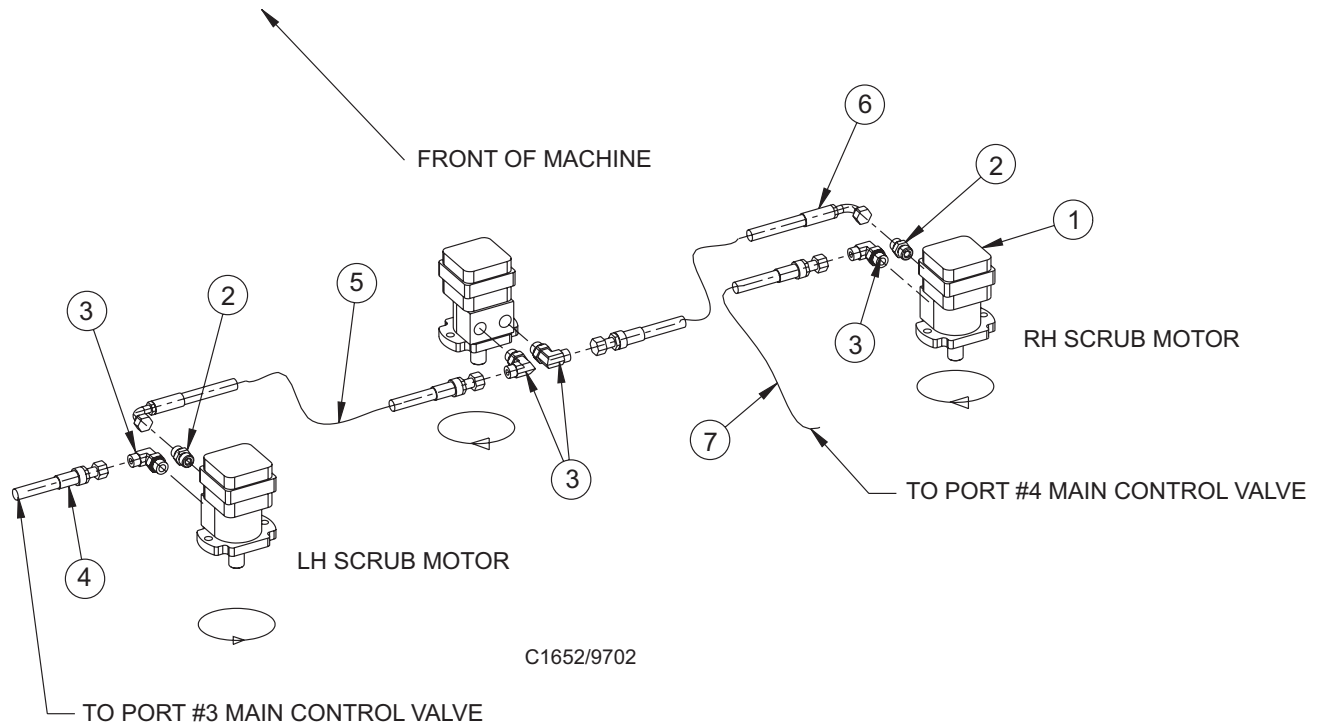
KEY NO.	PART NUMBER	DESCRIPTION	QTY.
1	8-17-05022	Cylinder (Variable Dump)	1
1	8-17-05029	Cylinder (Low Dump)	1
2	2-00-05054	Fitting	2
3	7-33-02352	#4 Hose ORS 0-90° Swivel 71.0"	Ref.
4	7-33-02355	#4 Hose ORS 0-45° 50.5"	Ref.
5	2-00-04589	Fitting	1
6	2-00-04892	Fitting	2
7	2-00-04462	Fitting-Street Tee (3/8)	2
8	2-00-04628	Fitting-STR. 3/8 to 1/4	2
9	2-00-04997	Fitting-ORS NPT Adapter (#4 - 1/4)	1
10	8-88-00014	Valve-Ball Check	1
11	8-33-02178	Hose-.25" ID, 15.0" LG	1

C1654/9809



KEY NO.	PART NUMBER	DESCRIPTION	QTY.
1	7-17-05011	Cylinder	1
2	2-00-04926	#4 SAE to #4 ORS 90°	1
3	2-00-04895	#4 SAE to #4 ORS	1
4	7-33-02342	#4 Hose STR 92.5"	Ref.
5	8-33-02216	#4 Hose STR 88.0"	Ref.

C1655/9704

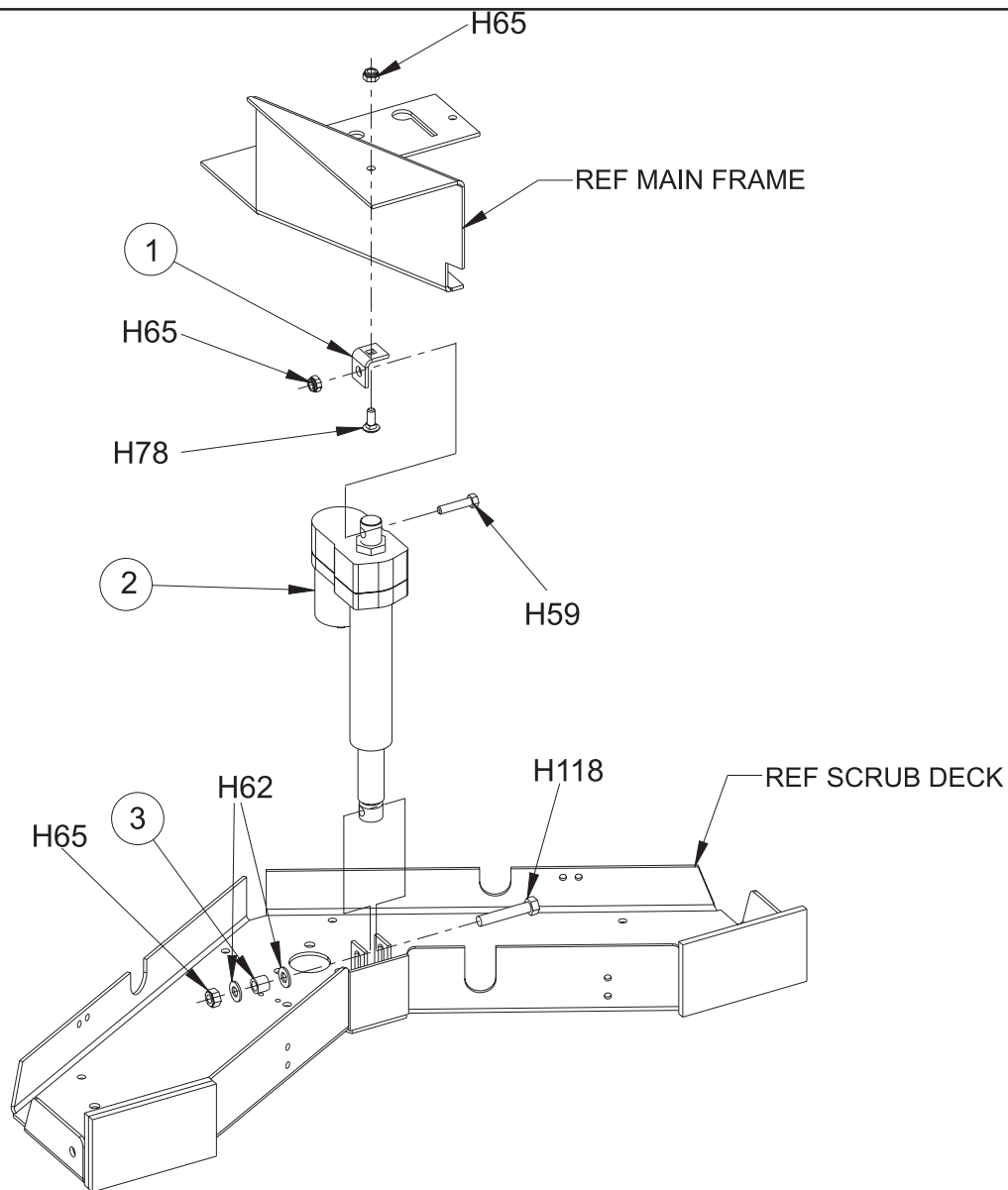


KEY NO.	PART NUMBER	DESCRIPTION	QTY.
1	0782-111	Hydraulic Motor	3
2	2-00-04974	#10 SAE to #8 ORS	2
3	2-00-04921	#10 SAE to #8 ORS, 90°	4
4	7-33-02347	#8 Hose STR - 90° 49.0"	Ref.
5	7-33-02354	#8 Hose STR - 90° 13.5"	Ref.
5*	7-33-02327	#8 Hose STR - 90° 15.25"	Ref.
6	7-33-02327	#8 Hose STR - 90° 15.25"	Ref.
6*	7-33-02326	#8 Hose STR - 90° 15.25"	Ref.
7	8-33-02191	#8 Hose ORS STR 56.5"	Ref.

* These hoses are for 53" Scrub Deck

C1652

SCRUB DECK LIFT HYDRAULICS - BATTERY



C1769/9805

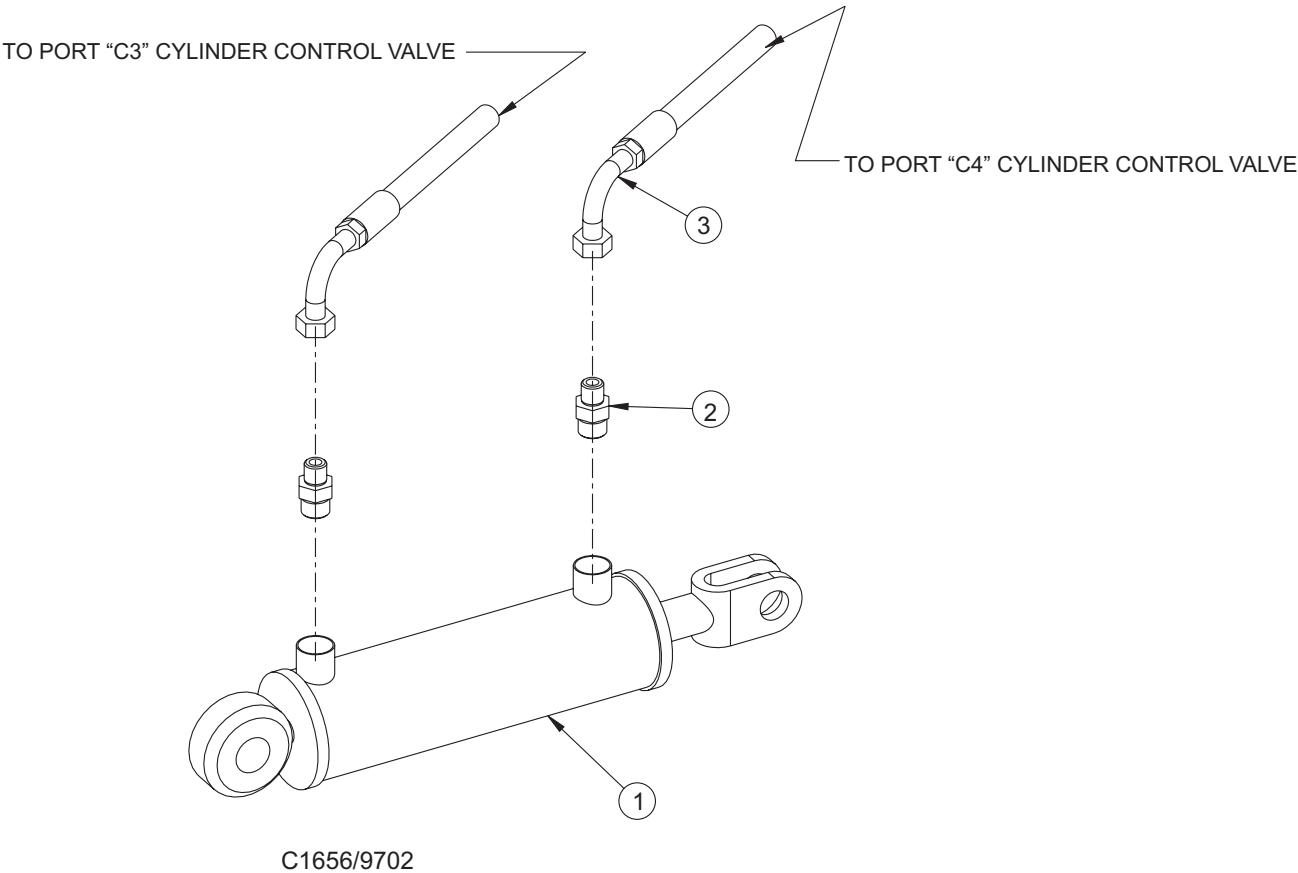
<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	7-31-07025	Hanger-Brush Lift	1
2	0782-130	36 Volt-Dump Door Actuator	1
3	2-00-03151	Spacer- 1/2 ID x 3/4 OD x 5/8 LG	2

HARDWARE USED:

H59	2-00-00242	Screw, 1/2-13 x 2.250 HHC	1
H62	2-00-00405	Flat Washer, 1.063 x .531 x .094	2
H65	2-00-04936	Nut, 1/2-13 Fiber Lock	3
H78	2-00-05187	Carriage Bolt, 3/8-16 x 1.250	1
H118	2-00-02618	Screw, 1/2-13 x 3.500 HHC	1

C1769/9805

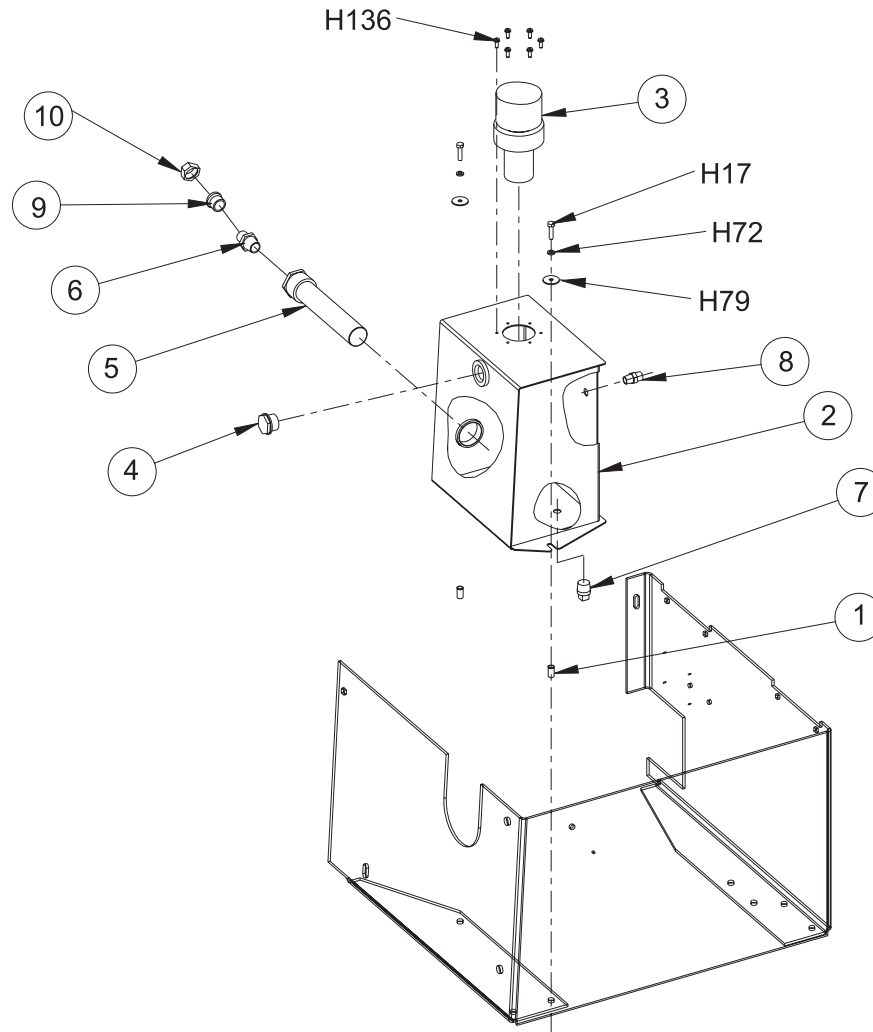
SQUEEGEE LIFT HYDRAULICS



KEY NO.	PART NUMBER	DESCRIPTION	QTY.
1	7-17-05019	Cylinder	1
2	2-00-04895	#4 SAE to #4 ORS	2
3	7-33-02190	#4 Hose ORS STR - 90°, 67.0"	Ref.

C1656

HYDRAULIC RESERVOIR BATTERY



C1768/9804

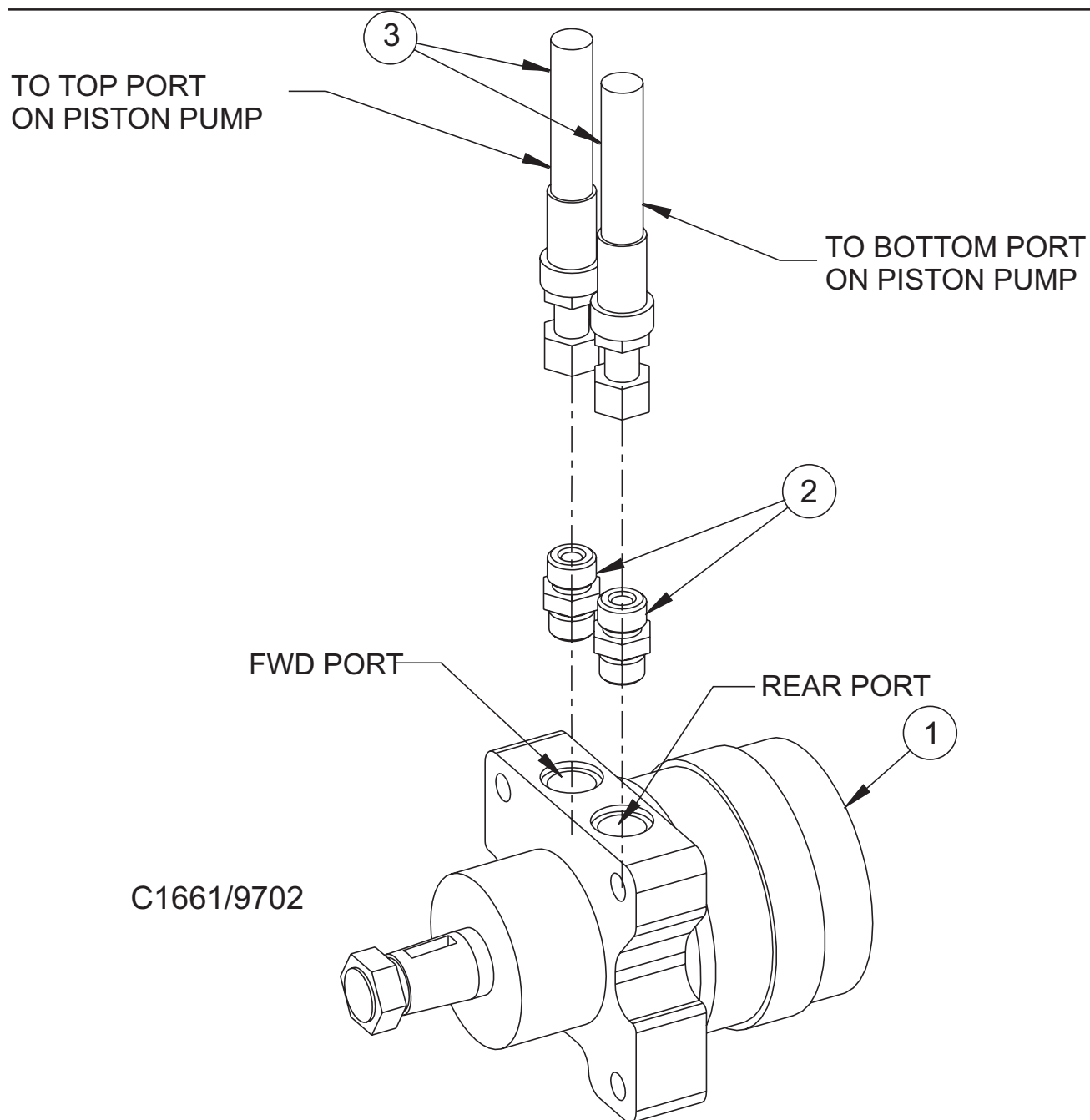
KEY NO.	PART NUMBER	DESCRIPTION	QTY.
1	2-00-05261	Threaded Insert- 1/4-20	2
2	7-83-04180	Reservoir-Hydraulic	1
3	8-11-00026	Filter Cap-Reservoir	1
4	8-48-05033	Sight Glass (Hyd. Fluid)	1
5	8-24-04115	Strainer-Hydraulic Reservoir	1
6	2-00-05387	Fitting-STR #12 ORS - 3/4 NPT	1
7	2-00-02474	Plug-1/2 NPT	1
8	2-00-05203	Fitting-STR #8ORS-1/2NPT	1
9	2-00-05271	Fitting-ORFS Reducer #12-#8 ORS	1
10	2-00-05270	Fitting-Nut For Reducer #12 SAE- #12 ORS	1

HARDWARE USED:

H17	2-00-00205	Screw, 1/4-20 x 1.000 HHC	2
H72	2-00-00518	Lock Washer, Helical Spring	2
H79	2-00-01676	Flat Washer, 1.062 x .265 x .062	2
H136	2-00-03940	Screw, #10-24 x .500 T/C HH	6

C1768/9805

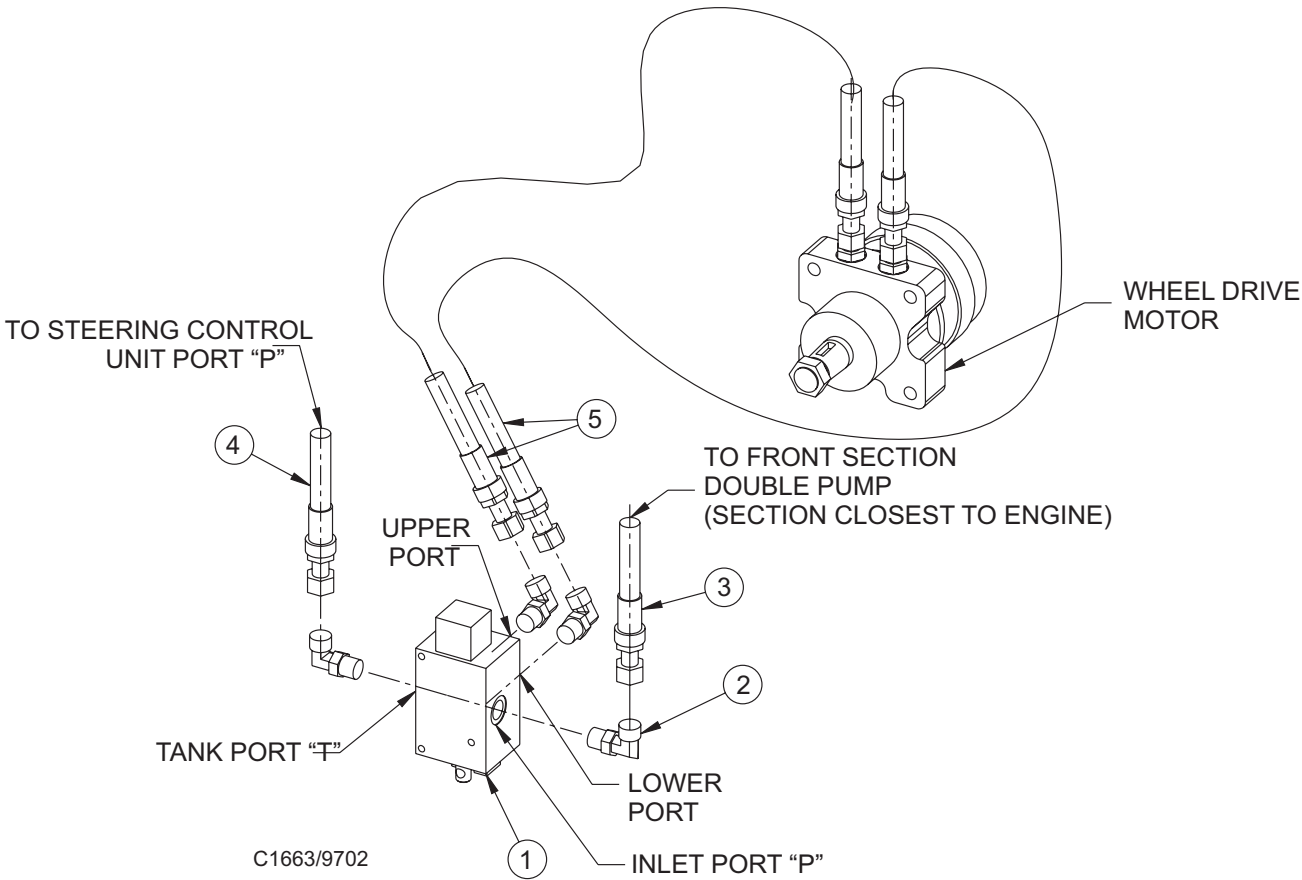
WHEEL DRIVE HYDRAULICS



KEY NO.	PART NUMBER	DESCRIPTION	QTY.
1	0885-092	Hydraulic Motor (Gas/LP.Diesel)	1
1	0785-087	Hydraulic Motor (Battery)	1
2	2-00-04974	Fitting #8 ORS to #10 SAE Connector	2
3	8-33-02196	Hose - #8 ORS STR Ends 75.5" (Gas/Lp/Diesel)	Ref.
3	7-33-02382	Hose - #8 ORS STR Ends 43.25" (Batt)	Ref.

C1661/9804

HYDRAULIC FORWARD/REVERSE VALVE



<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	8-88-00063	Valve - Forward / Reverse	1
2	2-00-04885	Fitting #8 SAE to #8 ORS 90°	4
3	7-33-02348	Hose #8 ORS STR - 90° 32.0"	Ref.
4	8-33-02393	Hose #8 ORS STR Ends 18.0"	Ref.
5	8-33-02195	Hose #8 ORS STR Ends 69.5"	Ref.

C1663

HYDRAULIC RETURN BLOCK - PARTS LIST

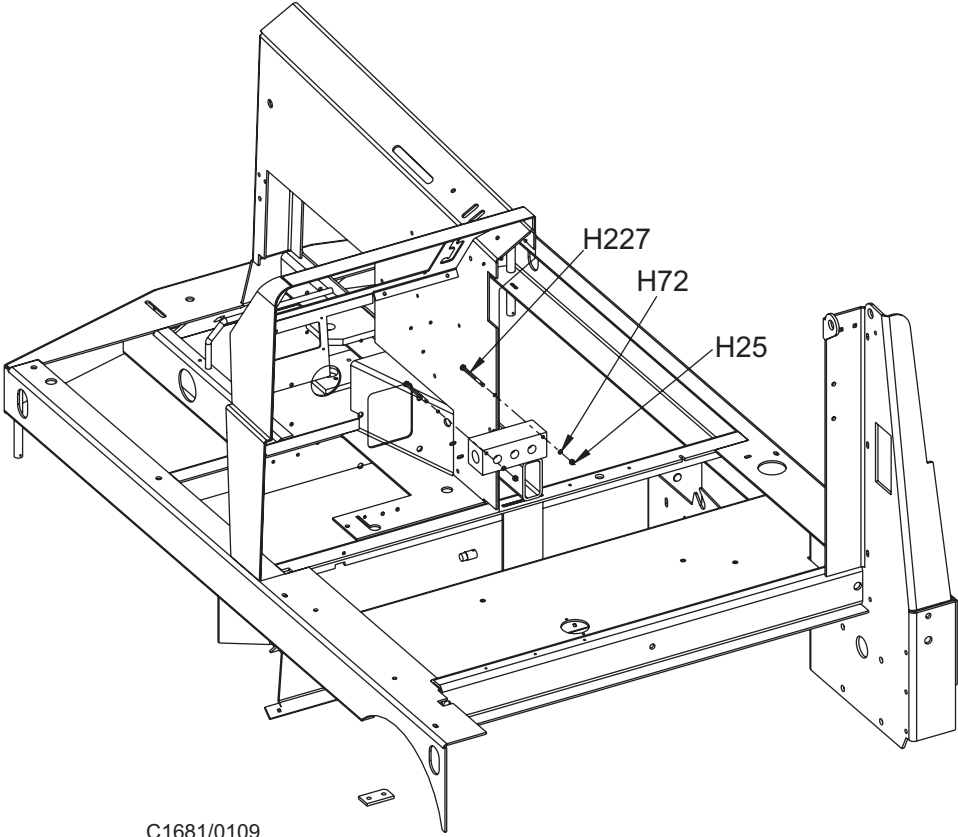
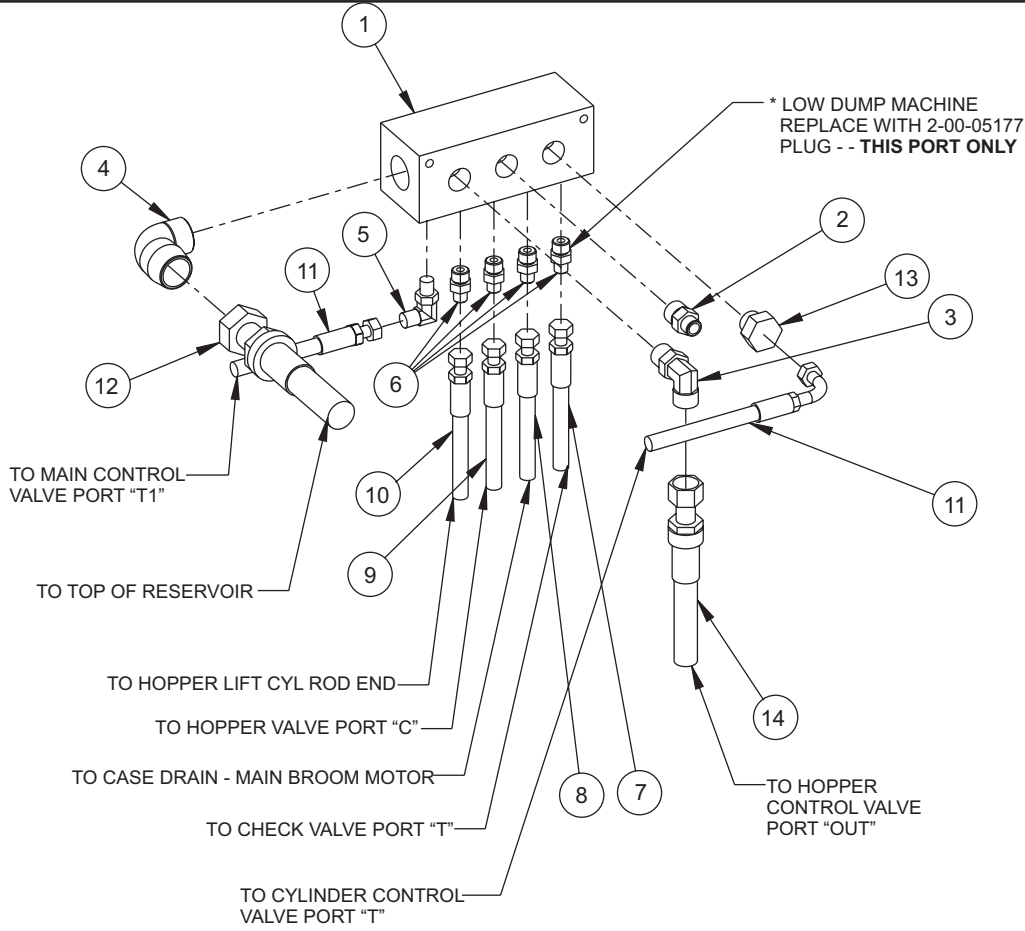
<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	7-48-00019	Return Block	1
2	2-00-05264	#8 SAE Plug	1
3	2-00-04885	#8 SAE to #8 ORS 90°	1
4	2-00-05265	1" NPT to #12 ORS 90°	1
5	2-00-04892	#4 SAE to #4 ORS 90°	1
6	2-00-04895	#4 SAE to #4 ORS	4
7	7-33-02191	#4 Hose ORS 0-90, 42.0"	Ref.
8	8-33-02200	#4 Hose ORS 0-90, 55.0"	Ref.
9	7-33-02350	#4 Hose ORS 0-90 Swivel, 43.0"	Ref.
10	7-33-02355	#4 Hose ORS 0-45, 50.5"	Ref.
11	8-33-02176	#4 Hose ORS 0-90, 21.0"	Ref.
12	8-33-02194	#12 Hose ORS 0-90, 20.0"	Ref.
13	2-00-05196	Plug 3/4-16 O-Ring Boss	1
14	7-33-02187	#8 Hose ORS STR, 42.0"	Ref.

HARDWARE USED:

H25	2-00-00594	Nut, Hex 1/4-20 x .437 x .218	2
H72	2-00-00518	Lock Washer, Helical Spring	2
H227	2-00-04596	Screw, Hex HD CAP 1/4-20 x 3.500	2

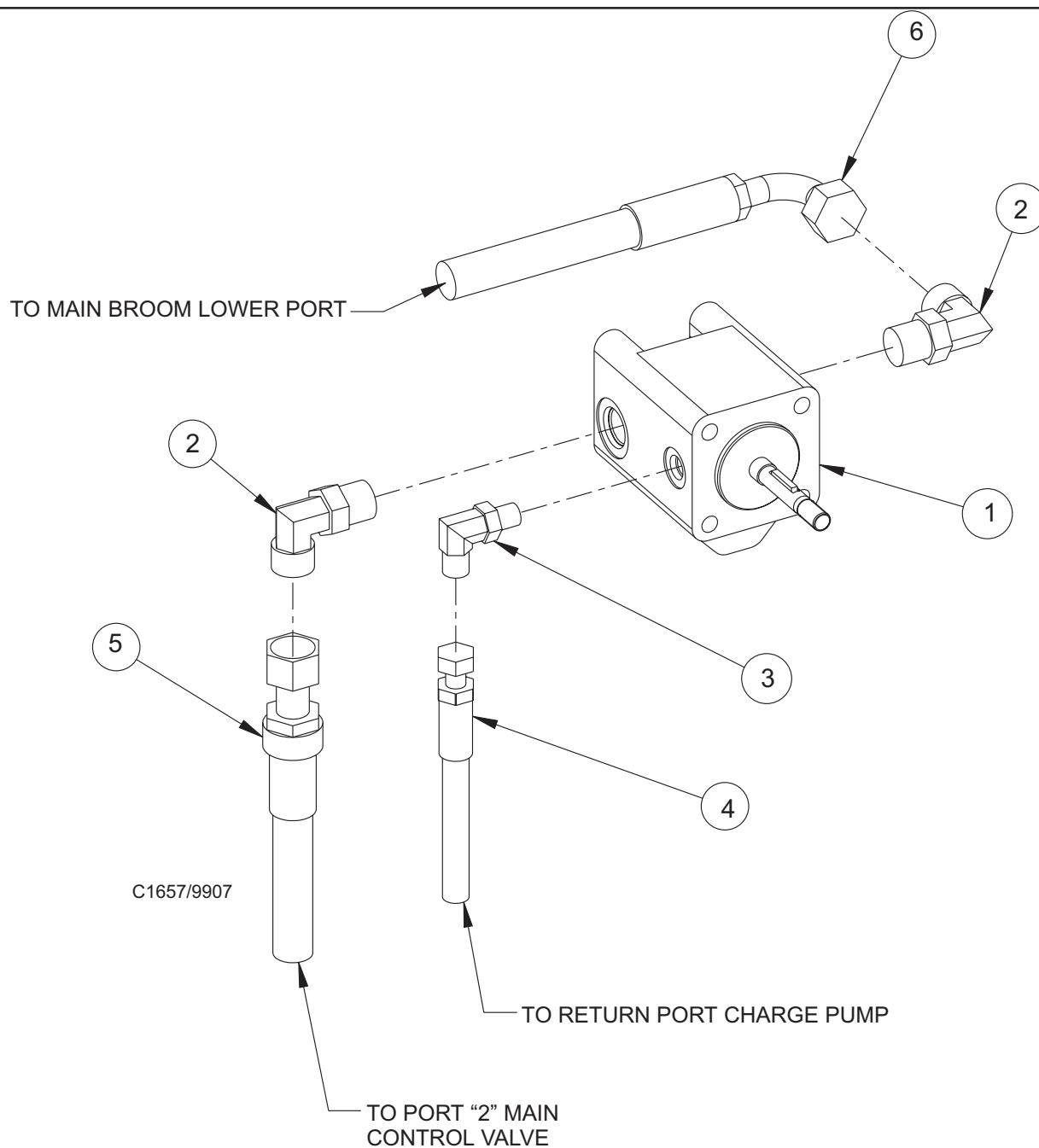
C1681/0109

HYDRAULIC RETURN BLOCK - EXPLODED VIEW



C1681/0109

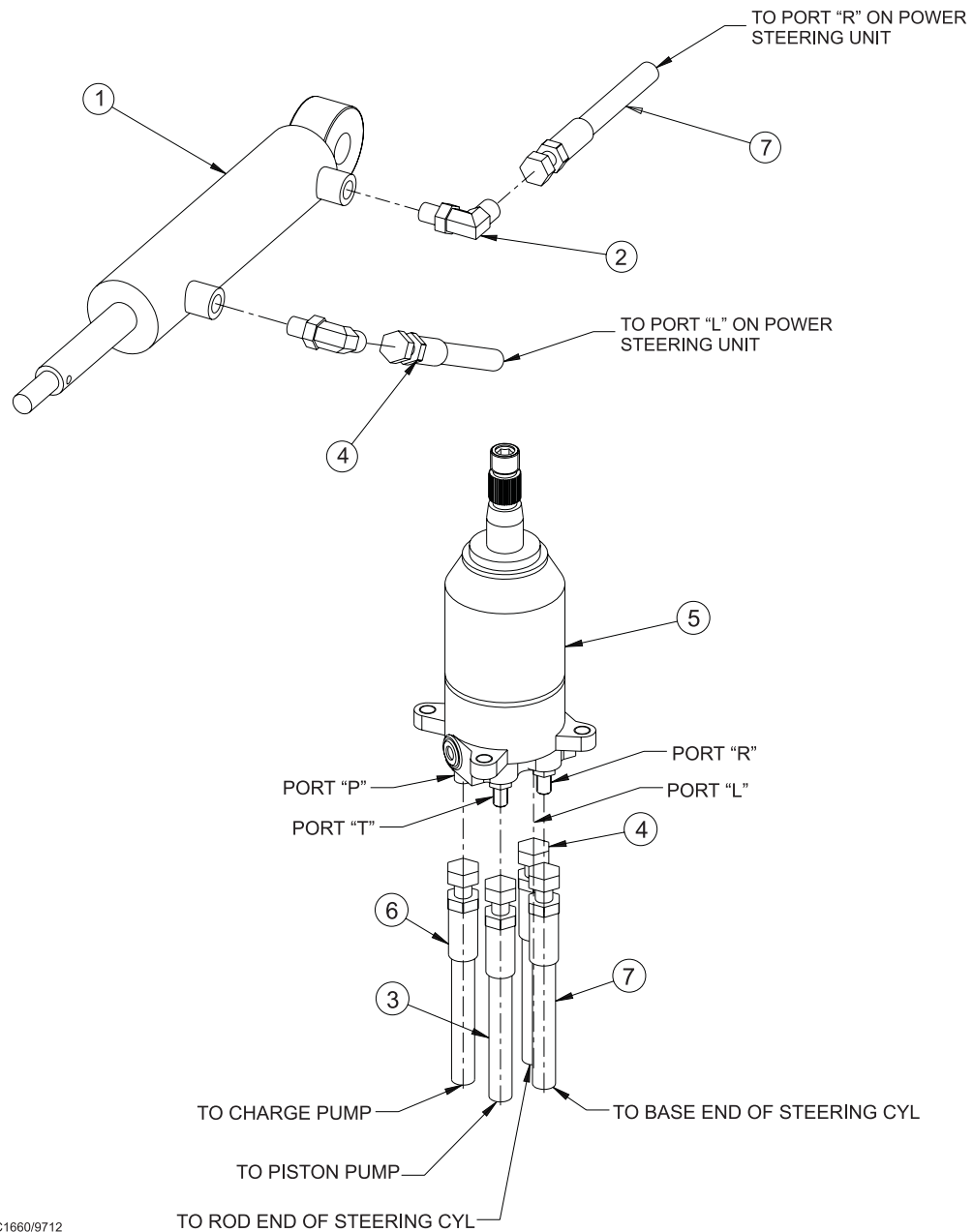
VAC FAN HOPPER HYDRAULICS



KEY NO.	PART NUMBER	DESCRIPTION	QTY.
1	0882-048	Motor	1
2	2-00-04885	90° Fitting Elbow (O-Ring)	2
3	2-00-04892	90° Fitting Elbow (O-Ring)	1
4	7-33-02190	#4 Hose STR Ends, 66.0"	Ref.
5	7-33-02346	#8 Hose 0-90, 72.0"	Ref.
6	7-33-02192	#8 Hose STR Ends 90.0"	Ref.

C1657/9907

STEERING 90° - 90° HYDRAULICS



KEY NO.	PART NUMBER	DESCRIPTION	QTY.
1	7-17-05010	Cylinder	1
2	2-00-04892	90° Fitting	2
3	7-33-02343	Hose #4 STR Ends 43.5"	Ref.
4	8-33-02218	Hose #4 STR Ends 60.0"	ReF.
5	8-60-05034	Steering Unit - 4.88 CIR/100 PSI	1
6	7-33-02186	Hose #4 STR - 90° 30.0"	Ref.
7	8-33-02185	Hose #4 STR Ends 56.0"	Ref.

C1660/9712

ENGINE COVERS - BATTERY - PARTS LIST

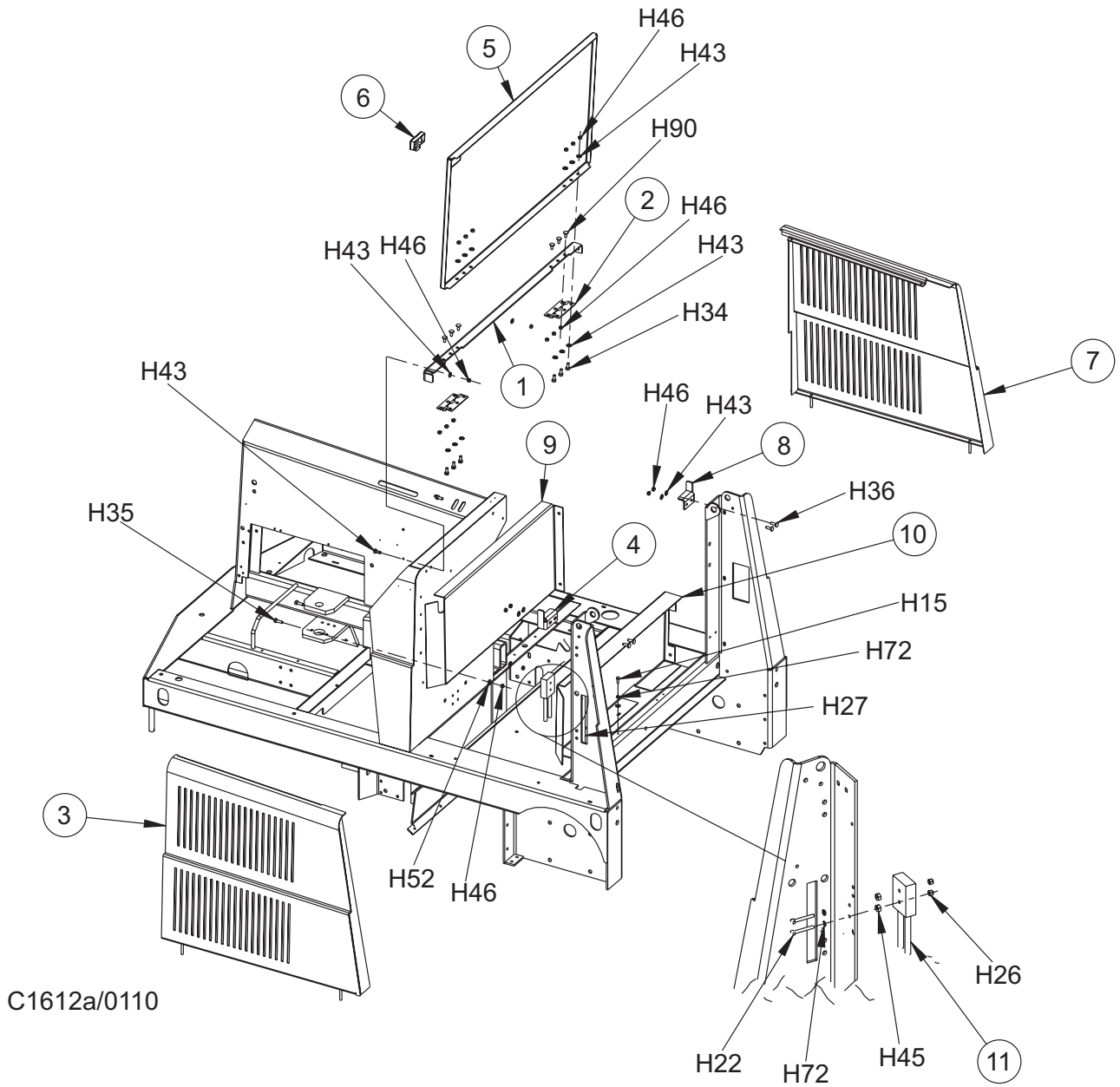
<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	7-81-00192	Support - Top Cover	1
2	8-32-00046	Hinge	2
3	7-16-07385	Cover - RH Side	1
4	7-41-00032	Latch - RH Side	1
5	7-16-07383	Cover - Engine	1
6	8-41-00040	Latch	1
7	7-16-07384	Cover-L.H. Side (Welded)	1
8	7-41-00034	Latch-Side Cover L.H.	1
9	7-62-05108	Rail-Battery Guide, Rear	1
10	7-62-05109	Rail-Battery Guide, Front	1
11	0775-166	Connection Assembly	1

HARDWARE USED:

H15	2-00-00221	Screw, 1/4 - 20 x .750 HHC	3
H22	2-00-02589	Screw, 1/4-20 x 2.000 HHC	2
H26	2-00-00641	Nut, 1/4-20 Insert Fiber	2
H27	2-00-03702	Washer, .625 x .281 x .063	4
H34	2-00-00208	Screw, 5/16-18 x .750 HHC	6
H35	2-00-02708	Screw, 5/16-18 x 1.000 HHM	4
H36	2-00-00196	Carriage Bolt, 5/16-18 x 1.000	4
H43	2-00-00409	Flat Washer, .687 x .344 x .062	18
H45	2-00-00585	Nut, Hex. 5/16-18 x .500 x .265	2
H46	2-00-00644	Nut, 5/16-18, Insert Fiber	20
H52	2-00-00402	Flat Washer, .750 x .390 x .094	2
H72	2-00-00518	Lock Washer, Helical Spring	5
H90	2-00-03569	Carriage Bolt, 5/16 - 18 x .750	6

C1612a/0110

ENGINE COVERS - BATTERY - EXPLODED VIEW



ELECTRICAL ASSEMBLY - BATTERY - PARTS LIST

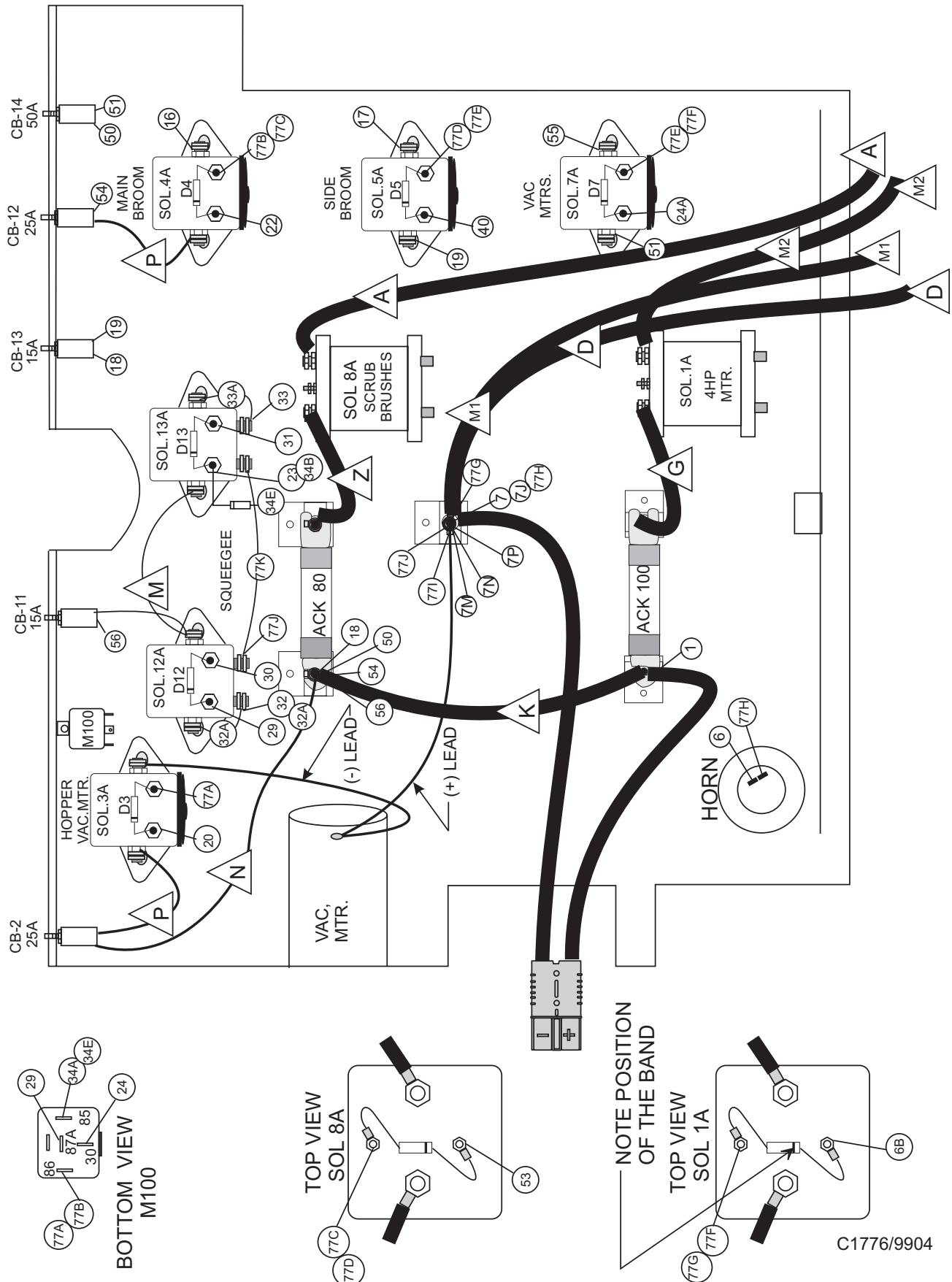
<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	7-52-00150	Panel-Power	1
2	2-00-04825	Solenoid	4
3	7-15-08005	Contactor	2
4	8-06-05004	Fuse Holder	5
5	8-32-09008	Horn	1
6	7-28-00002	Fuse-80 AMP	1
7	7-28-05014	Fuse-140 AMP	1
8	7-15-08004	Contactor	2
9	7-64-00025	Circuit Breaker-25 AMP	2
10	8-11-00051	Cap-Clear Boot	3
11	8-64-00019	Relay-36 V	1
12	8-64-00008	Circuit Breaker-15 AMP	2
13	8-11-00044	Boot	2
14	7-64-00032	Circuit Breaker-50 AMP	1

HARDWARE USED:

H6	2-00-00049	Screw, #10-24 x .500 RHM	1
H7	2-00-00056	Screw, #10-24 x .750 RHM	5
H9	2-00-00426	Flat Washer, .500 x .219 x .063	1
H12	2-00-01246	Nut, Hex Fiber Insert #10-24	6
H24	2-00-00220	Screw, 1/4-20 x .625 HHC	18
H25	2-00-00594	Nut, Hex 1/4-20 x .437 x .218	24
H26	2-00-00641	Nut, 1/4-20 Insert Fiber	2
H27	2-00-03702	Washer, .625 x .281 x .063	24
H72	2-00-00518	Lock Washer, Helical Spring	20

C1600/9805

ELECTRICAL ASSEMBLY - BATTERY - EXPLODED VIEW



INSTRUMENT PANEL - BATTERY - PARTS LIST

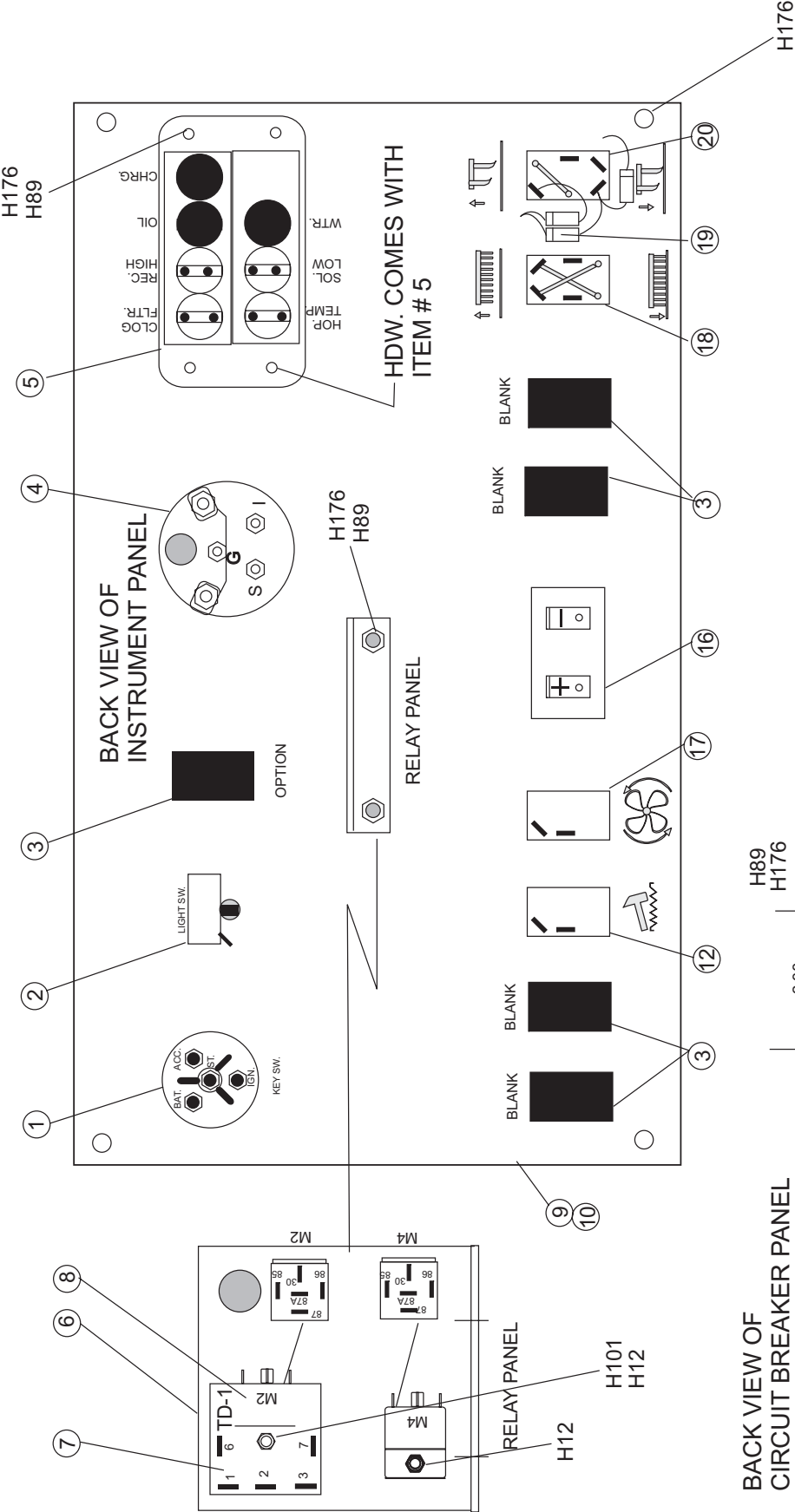
<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	8-82-00041	Key Switch	1
2	8-82-00027	Light Switch	1
3	2-00-05375	Switch Blank	5
4	7-48-05024	Condition Meter	1
5	0760-495-1	Warning Light Assy	1
6	8-08-00838	Relay Panel	1
7	8-64-00020	Timed Delay Relay	1
8	8-64-00019	Relay	2
9	7-52-00147	Instrument Panel	1
10	7-18-00248-1	Decal	1
11	0795-118	Harness	1
12	8-82-00062	Switch	1
13	7-52-00148	Circuit Breaker Panel	1
14	8-64-00008	Circuit Breaker-15 AMP	7
15	2-00-04757	Hole Plug	3
16	7-48-05029	Hour Meter	1
17	8-82-00059	Switch	1
18	7-82-00042	Switch-Reversing	1
19	0775-218	Diode Assembly	1
20	7-82-00041	Switch	1

HARDWARE USED:

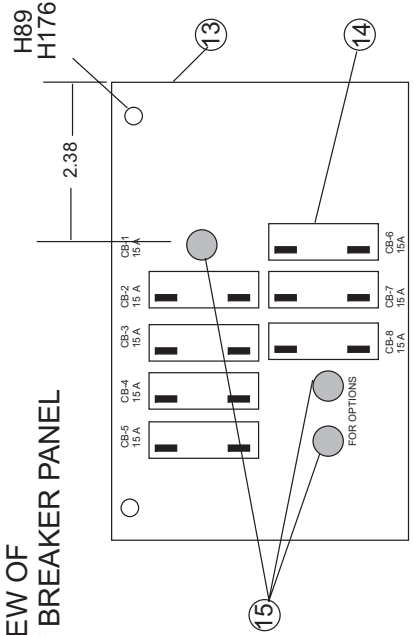
H12	2-00-01246	Nut, Hex Fiber Insert #10-24	2
H89	2-00-01372	Nut, Fiber inser #8-32 Steel	8
H101	2-00-04897	Screw, #10-24 x 1.250	1
H176	2-00-05337	Screw, #8-32 x .750 BHS SS	12

C1774/9804

INSTRUMENT PANEL - BATTERY - EXPLODED VIEW



NOTES:
ITEM #11 NOT SHOWN
TIE (OPTION WIRES) TO HARNESS

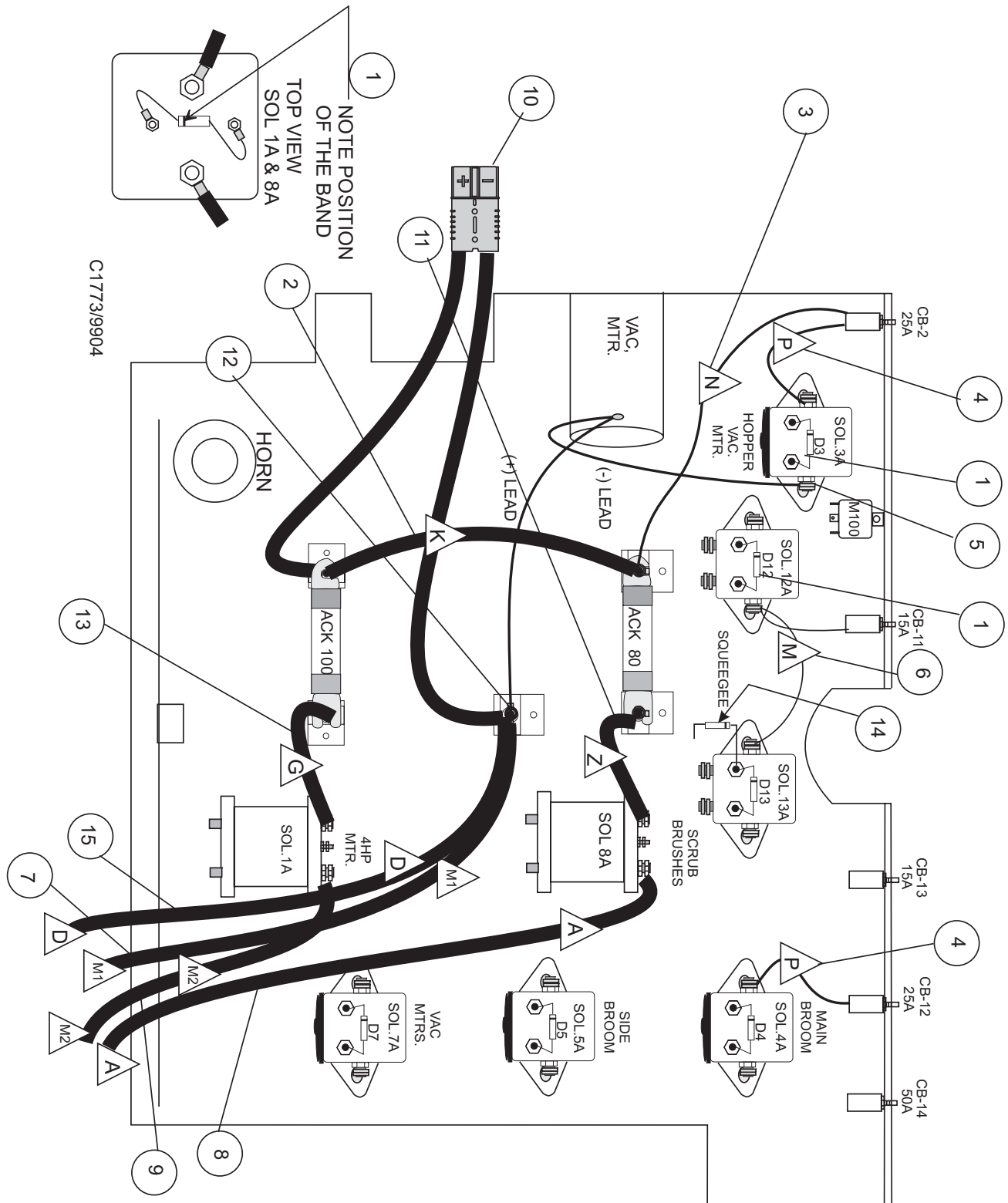


ELECTRICAL ASSEMBLY POWER PANEL - BATTERY - PARTS LIST

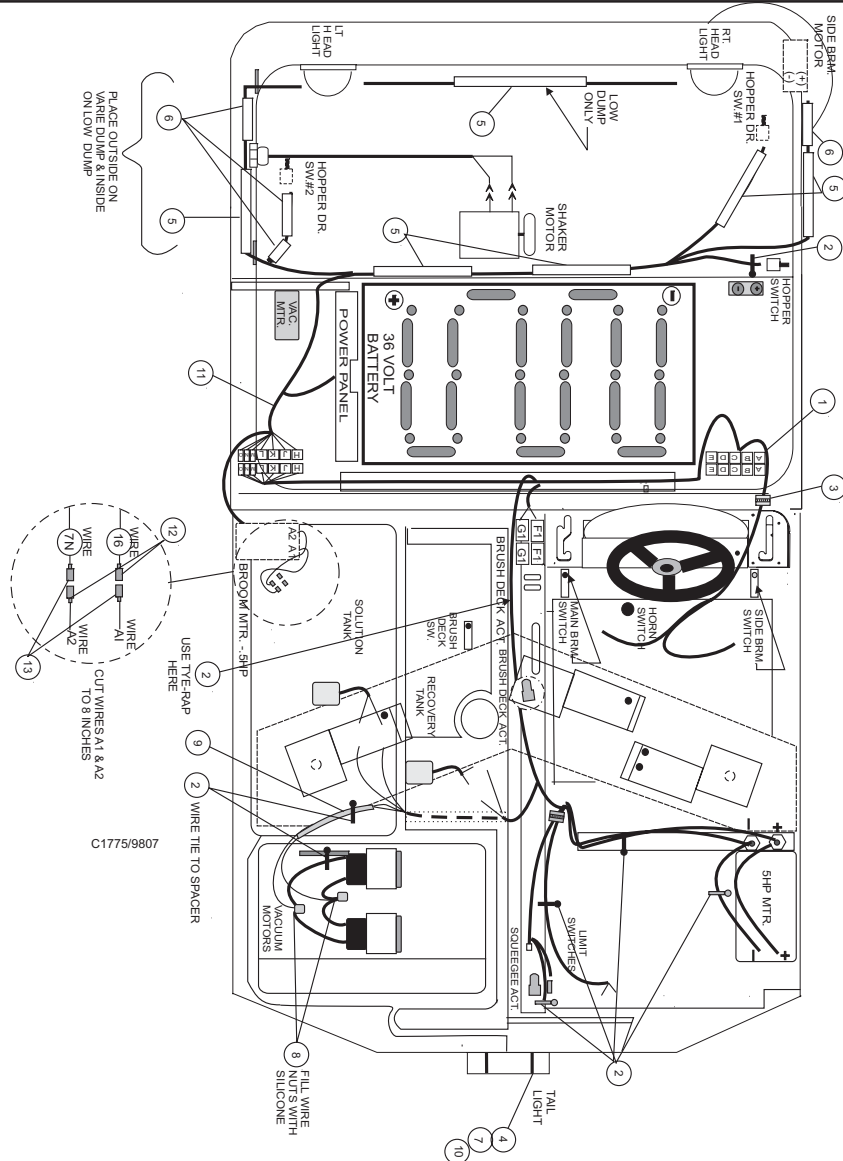
<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	0775-159	Diode Assembly	8
2	7-90-07401	Wire (K)	1
3	7-90-07398	Wire (N)	1
4	7-90-07389	Wire (P)	2
5	2-00-04284	Term (.31 Ring)	1
6	7-90-07399	Wire (M)	1
7	7-90-07391	Wire (M1)	1
8	7-90-07393	Wire (A)	1
9	7-90-07392	Wire (M2)	1
10	0775-166	Wire Assy.	1
11	7-90-07421	Wire (Z)	1
12	2-00-04859	Term. (.25 Ring)	1
13	7-90-07396	Wire (G)	1
14	0775-199	Diode Assy.	1
15	7-90-07395	Wire (D)	1
16	0795-121	Harness	Ref.

C1773/9904

ELECTRICAL ASSEMBLY POWER PANEL - BATTERY - EXPLODED VIEW



POWER PANEL ASSEMBLY CONNECTION DRAWING - BATTERY



KEY NO.	PART NUMBER	DESCRIPTION	QTY.
1	0795-119	Harness-Machine	1
2	2-00-04345	Tye-Rap	8
3	7-13-07096	Clamp	6
4	2-00-01246	Nut-10-24 Lock	1
5	8-20-06036	Duct 12"	6
6	7-20-06012	Duct 6"	4
7	2-00-02933	Screw	2
8	2-00-05065	Wire Nut	2
9	8-43-00002	Loom	1
10	8-75-01207	Spacer	2
11	0795-121	Harness-Power Panel	1
12	2-00-04708	Term. - .25 FISO (Female)	2
13	2-00-05183	Term. - .25 FISO (Male)	2

C1775/9807

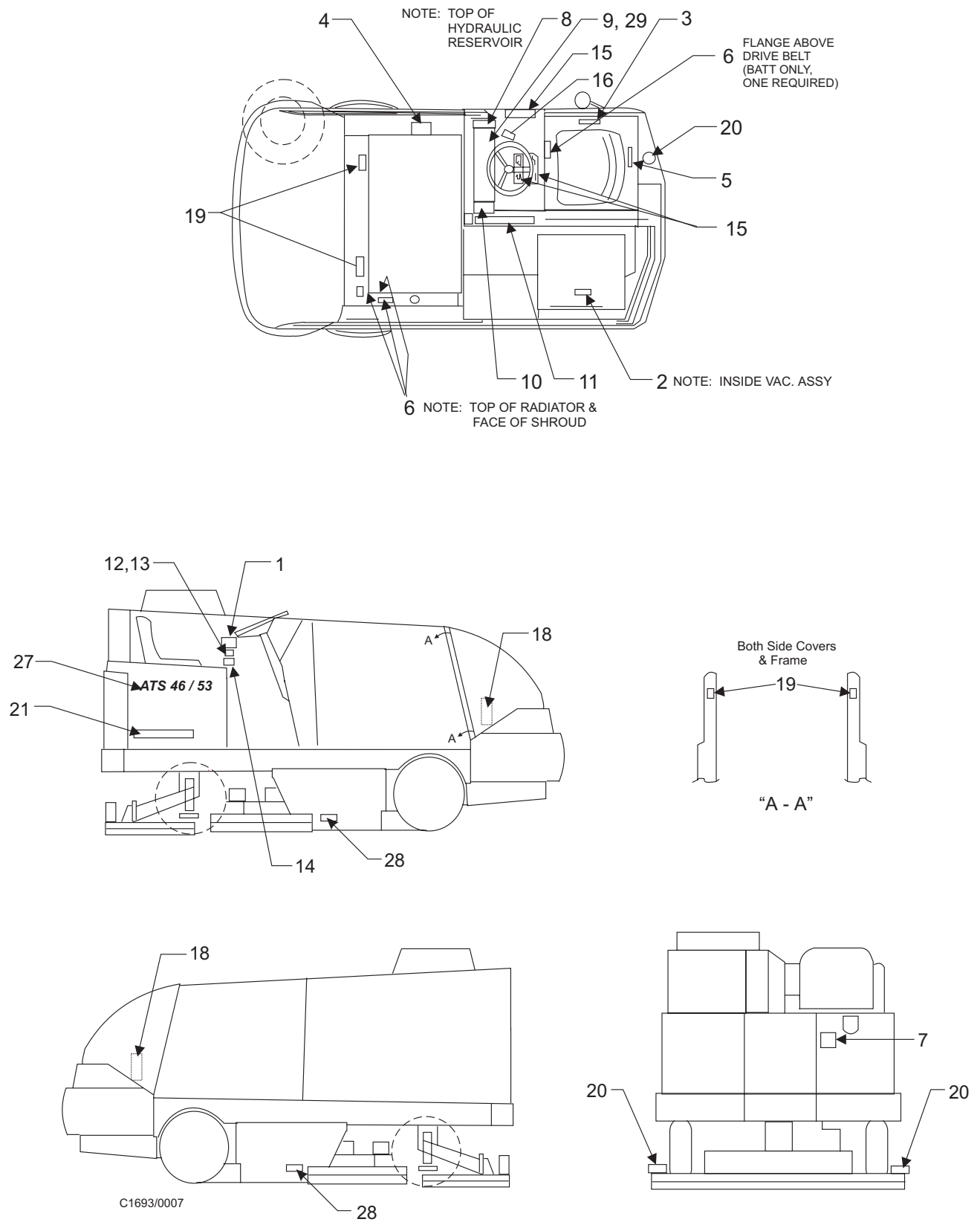
DECALS - PARTS LIST

<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	8-18-00396	Warning, General	1
2	7-18-00099	Warning, Combustibles	1
3	8-18-00313	Seat Adjustment	1
4	8-18-00306	Hydraulic Fluid Only	1
5	8-18-00310	Gasoline Only (Gas Machine)	1
5	8-18-00311	Diesel Only (Diesel Machine)	1
6	8-18-00399	Warning, Fan & Belt	Ref.
7	8-18-00085	Warning, Fire Hazard	1
8*	7-18-00246	Decal, Side Broom	1
9	7-18-00244	Instrument Panel (Gas & Diesel)	1
9	7-18-00248-1	Instrument Panel (Battery)	1
10	7-18-00245	Decal, Main Broom	1
11	7-18-00247	Decal, Hopper, Choke & Water Control	1
12	8-50-00014	Serial No. Tag	1
13	2-00-04115	Rivet	2
14	7-18-00228	Decal, Patent	1
15	7-50-05136	Non Skid	3
16	8-50-05055	Non Skid	1
17	8-18-00395	Decal, Key Switch Warning	1
18	8-18-00398	Decal, Hopper Warning	4
19	8-18-00402	Decal, Pinch Point	6
20	7-18-00236	Decal, No Step	3
21	7-18-00252	Decal, Solution Tank	1
22			
23			
24			
25			
26			
27	7-18-00265	Decal, ATS	1
28	7-18-00259	Decal, Broom Door	2
29	8-18-00426	Decal, Diesel Starting	1

* Low Dump Option

C1693/0007

DECAL - EXPLODED VIEW



THROTTLE CONTROL - PARTS LIST

<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	7-08-00996	Weldment, Bracket - Throttle	1
2	8-92-00046	Pivot Block - Throttle	1
3	8-92-00045	Yoke - Throttle	1
4	7-66-00196	Rod, Control - Throttle	1
5	7-39-00017	Knob-Solution Control	1
6	8-25-02036	Ball Joint Connector	1
7	8-13-07094	Conduit Clamp	1

HARDWARE USED

H6	2-00-00049	Screw, #10 - 24 x .500 RHM	2
H12	2-00-01246	Nut, Hex Fiber Insert #10-24	1
H20	2-00-00203	Screw, 1/4 - 20 x 1.500 HHC	1
H26	2-00-00641	Nut, 1/4 - 20 Fiber Insert	1
H27	2-00-03702	Washer, .625 x .281 x .063	1
H200	2-00-00626	Nut, Hex MS #10 - 32 x .375 x .125	1
H272	2-00-04563	Screw, Shoulder #10-24	1
H353	2-00-03027	Screw, HSFHC .25 - 20 x .63	2

C2016/0110

82° CSK TO Ø .531
2 - PLACES

WELDMENT - FRAME
ASSEMBLY REF.

H353

H20

H272

H26

1

H12

H27

2

8

6

H200

7

H6

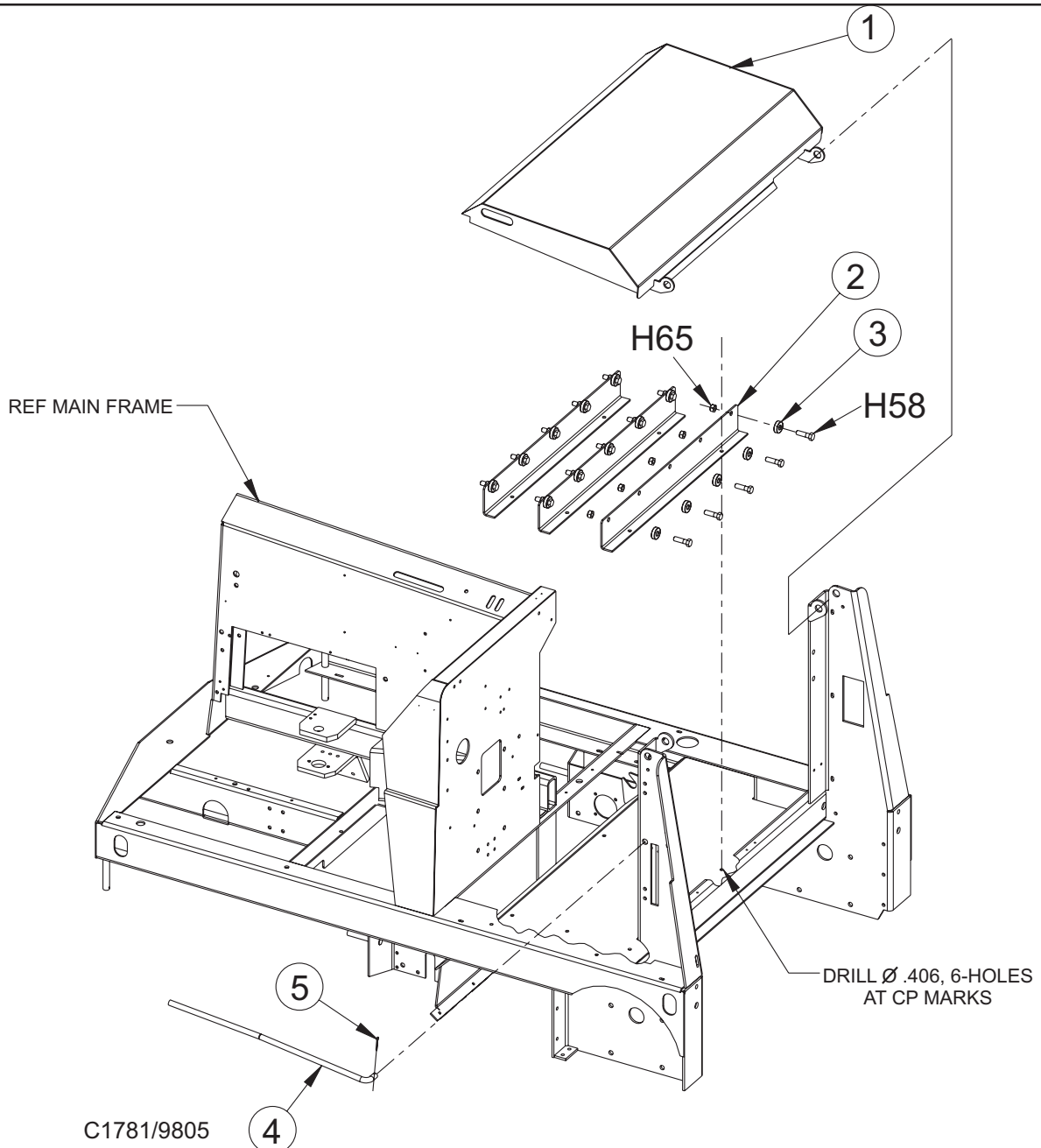
C2016/0402

CABLE - THROTTLE
80" LG. REF.

TABLE OF CONTENTS - CHAPTER 3

Roll-Out Battery (800 AH Option)	3-3
Side Broom Option (Low Dump)	3-4
Brushes Option	3-10
Hopper Thermo-Sensor Shutdown Option	3-12
Back-Up Alarm Option	3-14
Rear Work Light Option	3-16
Overhead Guard option	3-17
Amber Safety Light Option with Overhead Guard	3-18
Amber Safety Light Option without Overhead Guard	3-19
ESP/Autofil Option	3-20
ESP/Autofil Wiring - Battery	3-26
ESP/ Autofil Wiring - Gas/Diesel	3-28
Fire Extinguisher	3-30
Flame Arresting Gas Cap	3-31
Heavy Duty Air Cleaner Option	3-32
Clogged Filter Option	3-33
Spray Wand Option	3-34
Wet Sweep Bypass/Thermo Sensor Option	3-36
LP Option - Tank Assembly	3-38
LP Option - Regulator/Lock-Off Assembly	3-40
LP Option - Relief Valve Assembly	3-42
LP Option - Carburetor Assembly	3-43
Retractable Seatbelt Option	3-44
Suspension Seat Option	3-45
Seat Switch Kit	3-46
Pad Driver option (16")	3-47
Pad Driver option (18")	3-48
Oil Cooler Option	3-49
Vacuum Wand Option	3-50
Vac Hose Service Kit	3-51
Spare Parts List - ATS 46" Machine	3-52
Spare Parts List - ATS 53" Machine	3-53
Spare Parts List - ATS 46" Battery Machine	3-54
Spare Parts List - ATS 53" Battery Machine	3-55
Spare Parts List - Gas/LP/Diesel Machine	3-56
Index	3-57
Warranty	3-63

ROLL-OUT BATTERY (800 AH OPTION)



KEY NO.	PART NUMBER	DESCRIPTION	QTY
1	7-16-07391	Cover-Battery (800 AH Option)	1
2	7-62-05110	Rail-Battery Roller	3
3	2-00-03306	Bearing-Ball	15
4	7-05-07175	Bar-Battery Retainer	1
5	2-00-00776	Cotter Pin (1/8 Dia. X 1 1/2 Lg)	1

HARDWARE USED:

H58	2-00-00241	Screw, 1/2-13 x 1.750 HHC	15
H65	2-00-04936	Nut, 1/2-13 Fiber Lock	15

C1781/9805

SIDE BROOM OPTION (LOW DUMP) - PARTS LIST

OPTION NO. 0780-420

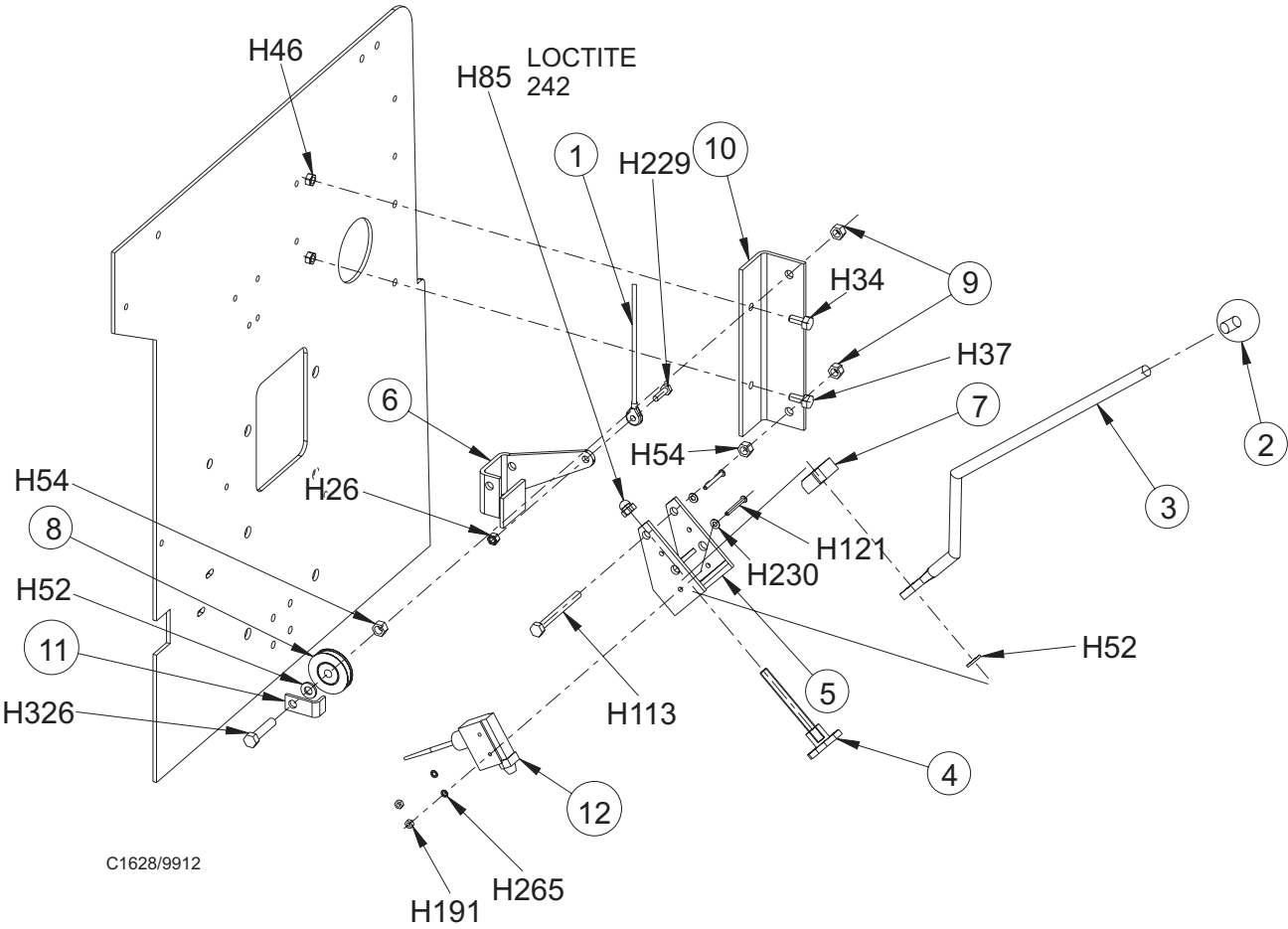
<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	7-10-00030	Cable	1
2	8-39-00003	Control Knob	1
3	7-66-00170	Lever Handle - SB	1
4	8-39-00013	Knob Assembly	1
5	8-08-00773	Broom Lift - MB - SB Weldment	1
6	8-08-00866	Bracket - Angle Adj. - SB	1
7	8-50-03002	Broom Adj. Block	1
8	7-60-00160	Pulley, Cable	4
9	2-95-04182	Fibre Nut	2
10	7-08-00851	Bracket	1
11	7-13-07130	Clip - Cable Retainer	4
12	8-82-00058	Switch	1
13	2-00-01490	Screw, 1/4-20 x .875 Stl. HHC	1
14	2-00-03757	Washer	2

HARDWARE USED:

H26	2-00-00641	Nut, 1/4-20 Insert Fiber	1
H34	2-00-00208	Screw, 5/16-18 x .750 HHC	2
H46	2-00-00644	Nut, 5/16-18 Insert Fiber	2
H50	2-00-00234	Screw, 3/8-16 x 1.500 HHC	1
H52	2-00-00402	Flat Washer, .750 x .390 x .094	2
H54	2-00-02360	Nut, 3/8-16 Hex.	1
H85	2-00-00650	Nut, Cap 3/8-16 Low Crown	1
H89	2-00-01372	Nut, Fiber Insert #8-32 Steel	2
H113	2-00-03333	Screw, 3/8-16 x 3.750 HHC	1
H121	2-00-00090	Screw, #8-32 x 1.500 RHM	2

C1628a/9705

SIDE BROOM OPTION (LOW DUMP) - EXPLODED VIEW



SIDE BROOM OPTION (LOW DUMP) cont. - PARTS LIST

OPTION NO. 0780-420

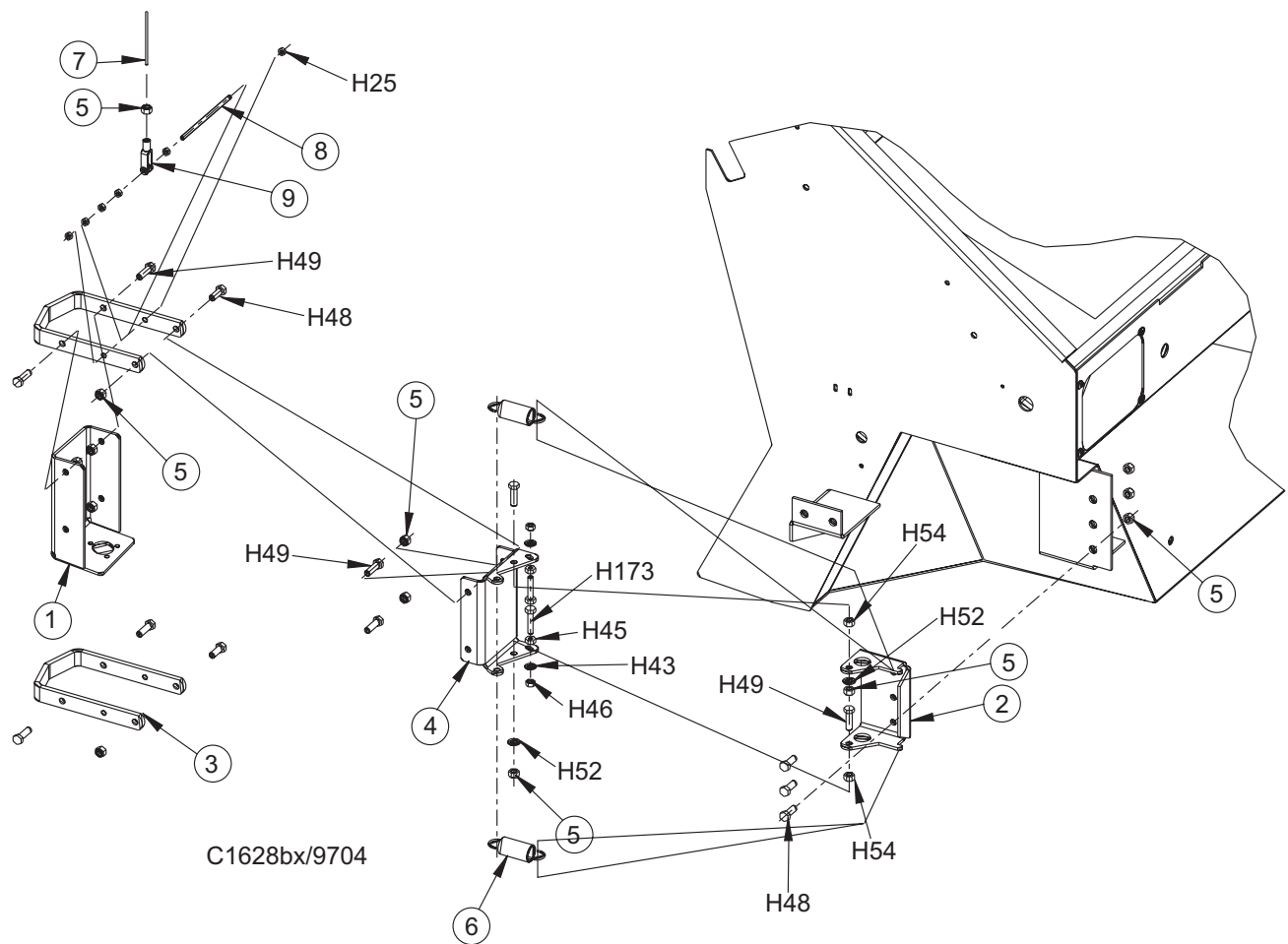
<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	7-08-00847	Bracket - Side Broom	1
2	8-08-00790	Bracket - Side Broom	1
3	8-42-05136	Link - Side Broom	2
4	8-08-00846	Pivot Bracket - Side Broom	1
5	2-95-04182	Nut, Elastic Stop Nut	14
6	7-76-00101	Spring	2
7	7-10-00030	Cable	Ref.
8	7-66-00180	Rod - Threaded	1
9	8-14-01006	Clevis	1

HARDWARE USED:

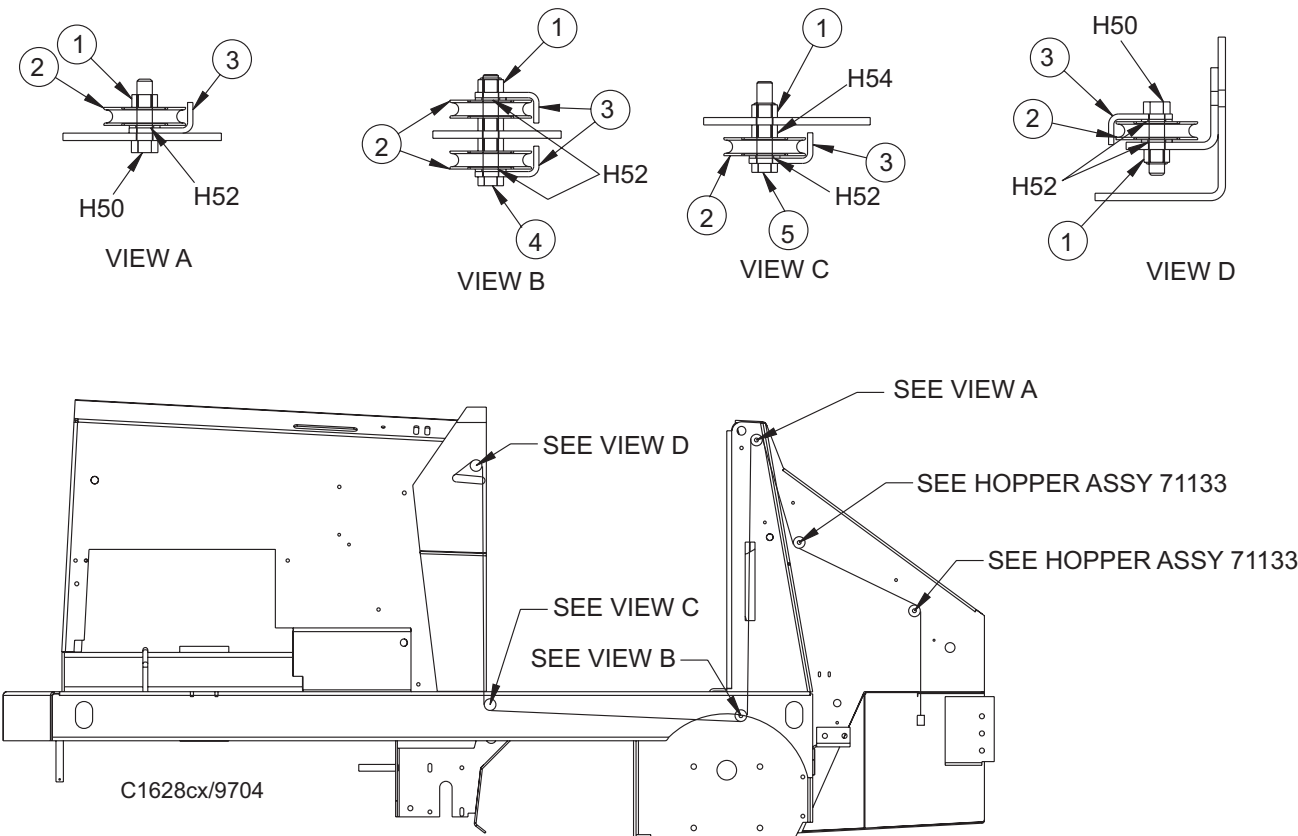
H25	2-00-00594	Nut, Hex 1/4-20 x .437 x .218	6
H43	2-00-00409	Flat Washer, .687 x .344 x .062	2
H44	2-00-00585	Nut, Hex 5/16-18 x .500 x .265	2
H46	2-00-00644	Nut, 5/16-18 Insert Fiber	2
H48	2-00-00233	Screw, 3/8-16 x 1.000 HHC	8
H49	2-00-00209	Screw, 3/8-16 x 1.250 HHC	7
H52	2-00-00402	Flat Washer, .750 x .390 x .094	4
H54	2-00-02360	Nut, 3/8-16 Hex	2
H173	2-00-02709	Screw, 5/16-18 x 1.500	2

C1628bx/9704

SIDE BROOM OPTION (LOW DUMP) cont. - EXPLODED VIEW



SIDE BROOM OPTION (LOW DUMP) cont.



OPTION NO. 0780-420

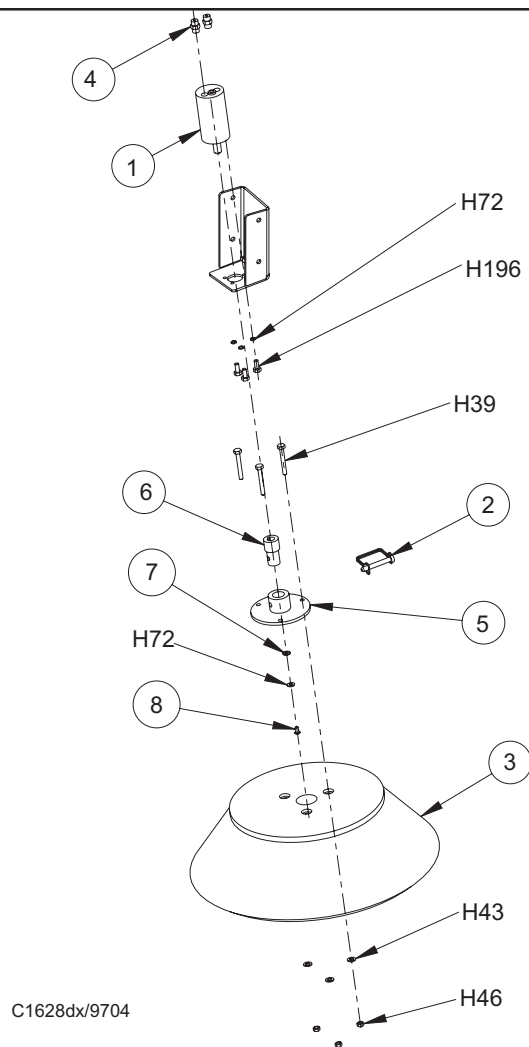
<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	2-95-04182	Fibre Nut	4
2	7-60-00160	Pulley - Cable	Ref.
3	7-13-07130	Clip - Cable Retainer	Ref.
4	2-00-00237	Screw, 3/8-16 x 3.000 HHC	1
5	2-00-00235	Screw, 3/8-16 x 1.750 HHC	1

HARDWARE USED:

H50	2-00-00234	Screw, 3/8-16 x 1.500 HHC	2
H52	2-00-00402	Flat Washer, .750 x .390 x .094	5
H54	2-00-02360	Nut, 3/8-16 Hex	1

C1628cx/9705

SIDE BROOM OPTION (LOW DUMP) cont.



OPTION NO. 0780-420

<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	0885-061	Side Broom Motor	Ref.
2	8-55-08122	Pin - Side Broom - Flange	1
3	8-08-03211	Side Broom	1
4	2-00-04918	Fitting	Ref.
5	8-33-09091	Hub - Side Broom - Weldment	1
6	7-72-03030	Sleeve - Side Broom	1
7	2-00-04689	Washer. 11-16 O.D. X .260 I.D. X .050	1
8	2-00-04750	Screw, BTN HD SKT	1

HARDWARE USED:

H39	2-00-00218	Screw, 5/16-18 x 2.000 HHC	3
H43	2-00-00409	Flat Washer, .687 x .344 x .062	3
H46	2-00-00644	Nut, 5/16-18 Insert Fiber	3
H72	2-00-00518	Lock Washer, Helical Spring	4
H196	2-00-05350	Screw, 1/4-28 x .630 HHC	3

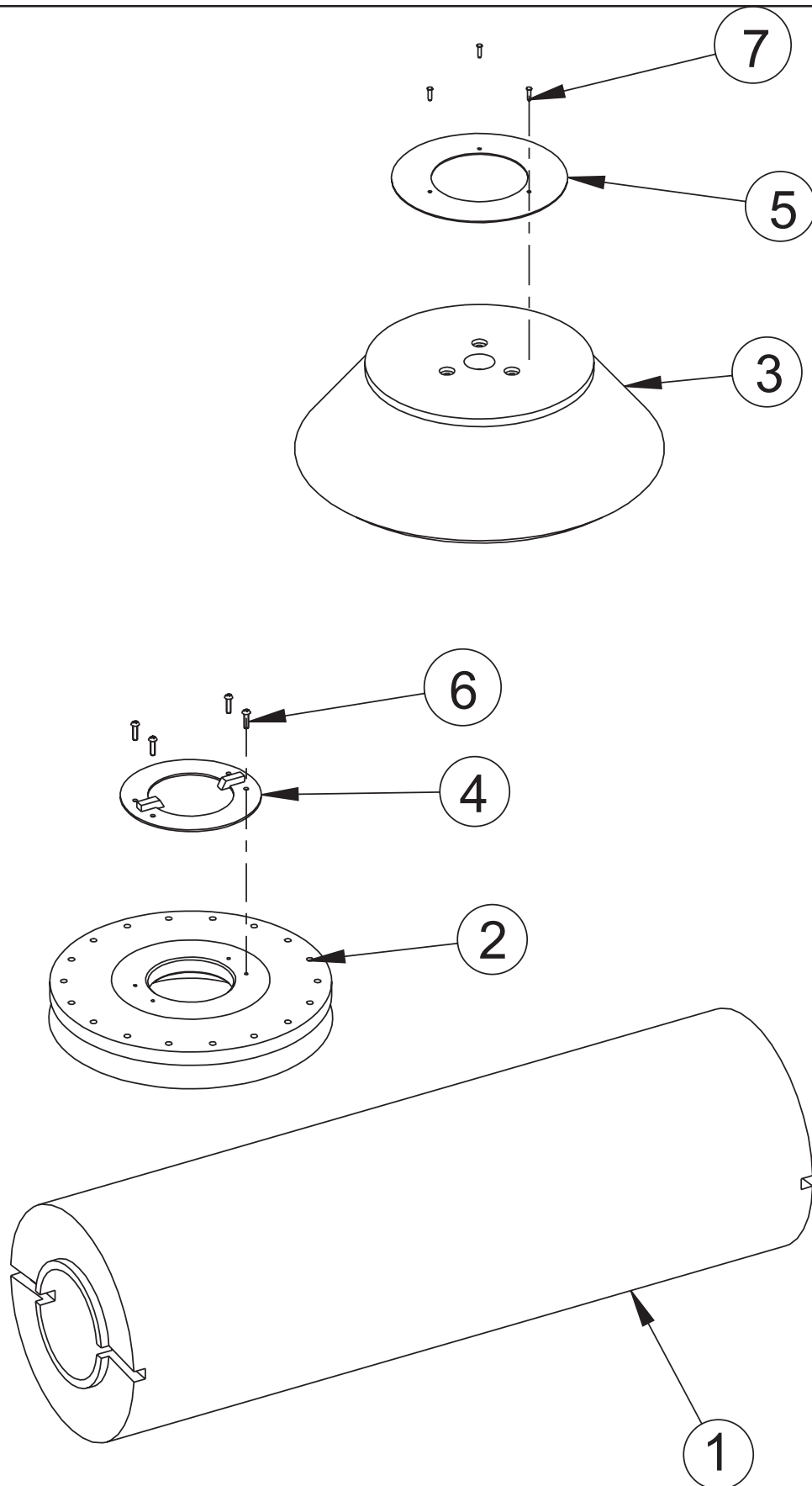
C1628dx/9704

BRUSHES OPTION - PARTS LIST

<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	8-08-03217	Proex and Wire Main Broom	3
1	8-08-03218	Poly and Wire 8-Row Main Broom	3
1	8-08-03219	Nylon 8-Row Main rom	3
1	8-08-03220	BNylon High Density Main Broom	3
1	8-08-03221	Wire and Fiber High Density Main Broom	3
2	0765-256	Scrub Brush Assembly 16" Black Nylon	3
2	0765-257	Scrub Brush Assembly 16" Amerfil	3
2	0765-258	Scrub Brush Assembly 16" Supergrit	3
2	0765-259	Scrub Brush Assembly 16" Soft Nylon	3
2	0765-260	Scrub Brush- Black Nylon 18"	3
2	0765-265	Scrub Brush Assy 16" Clean Grit	3
2	0765-261	Scrub Brush- Amerfil 18"	3
2	0765-262	Scrub Brush- Supergrit 18"	3
2	0765-263	Scrub Brush- Soft Nylon 18"	3
2	0765-266	Scrub Brush Assy 18" Clean Grit	3
3	0880-439	Wire Side Broom	1
3	8-08-03211	Nylon Side Broom	1
3	8-08-03212	Plypropylene Side Broom	1
3	8-08-03199	Wire Side Broom Only	1
3	8-08-03140	Polypropylene Side Broom (Battery)	1
4	7-19-02034	Disc - Brush Driver 18"	1
4	7-19-02035	Disc - Brush Driver 16" & 18"	1
5	8-58-05248	Plate - Side Broom Retainer	1
6	2-00-00081	Screw, 1/4-20 x 1.000 RHM	4
7	2-00-04121	Screw, 10-13 x .750 Wood, Pan Head	3

C1710/9805

BRUSHES OPTION - EXPLODED VIEW



C1710/9712

HOPPER THERMO-SENSOR SHUTDOWN OPTION - PARTS LIST

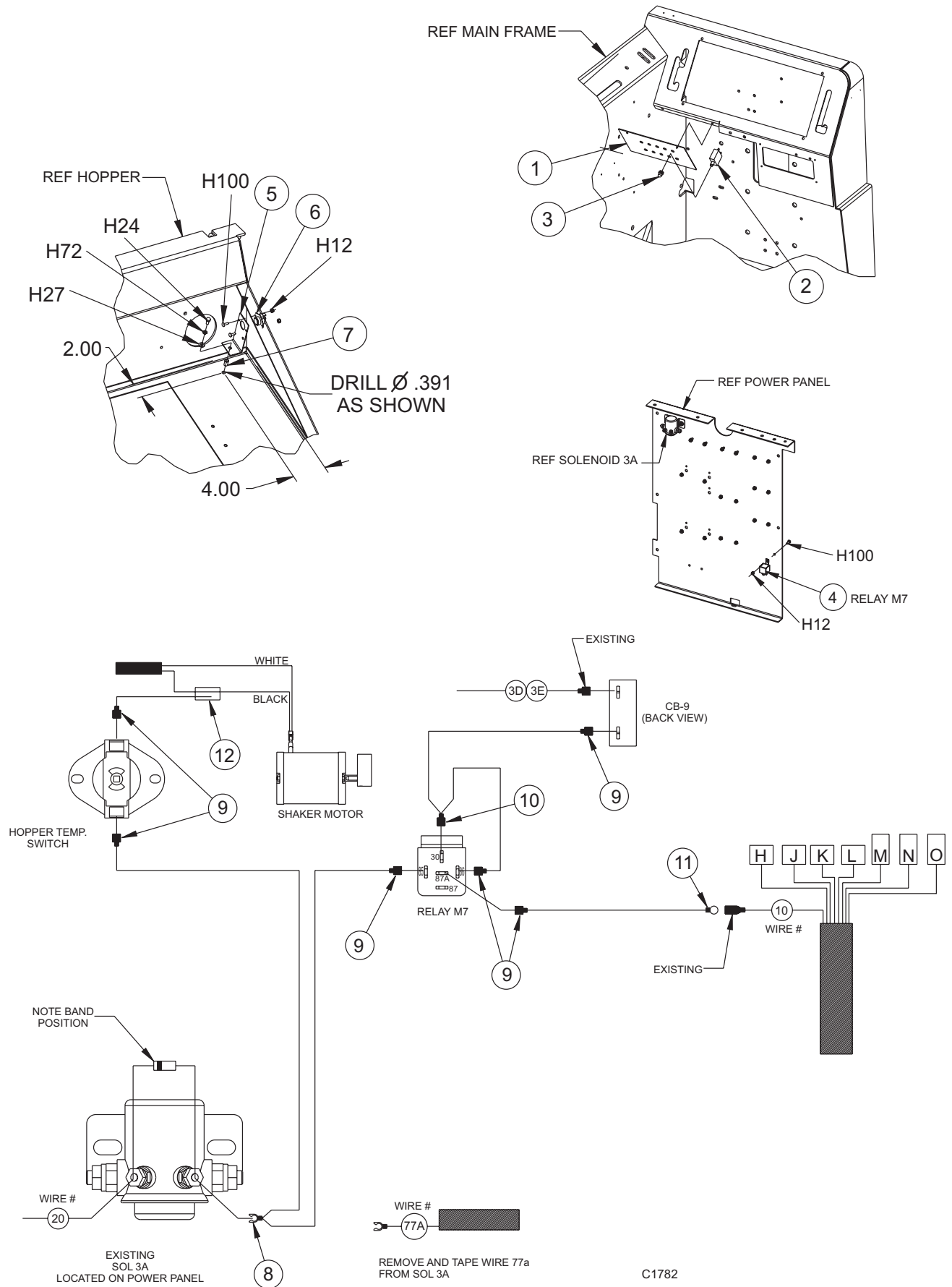
<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY</u>
1	7-52-00148	Panel-Circuit Breaker	Ref.
2	8-64-00008	Circuit Breaker- 15 AMP	1
3	8-11-00044	Boot	1
4	8-64-00019	Relay- 36V	1
5	8-08-00803	Bracket-Temperature Switch	1
6	8-82-00056	Switch-Thermostat	1
7	2-00-05261	Threaded Inset-1/4-20	1
8	2-00-04716	Terminal- #10 SS	1
9	2-00-03418	Terminal- .25 FISO Female	6
10	2-00-04708	Terminal- .25 FISO Female	1
11	2-00-04578	Terminal- .156 Male Bullet	1
12	2-00-04479	Connector- 3 Way	1
13	3-61-00189	Wire- 16 AWG, Black	35'

HARDWARE USED:

H12	2-00-01246	Nut, Hex Fiber Insert #10-24	3
H24	2-00-00220	Screw, 1/4-20 x .625 HHC	1
H27	2-00-03702	Washer, .625 x .281 x .063	1
H72	2-00-00518	Lock Washer, Helical Spring	1
H100	2-00-03062	Screw, #10-24 x .625 THM	3

C1782/9805

HOPPER THERMO-SENSOR SHUTDOWN OPTION - EXPLODED VIEW



BACK-UP ALARM OPTION - PARTS LIST

OPTION NO. 0780-439

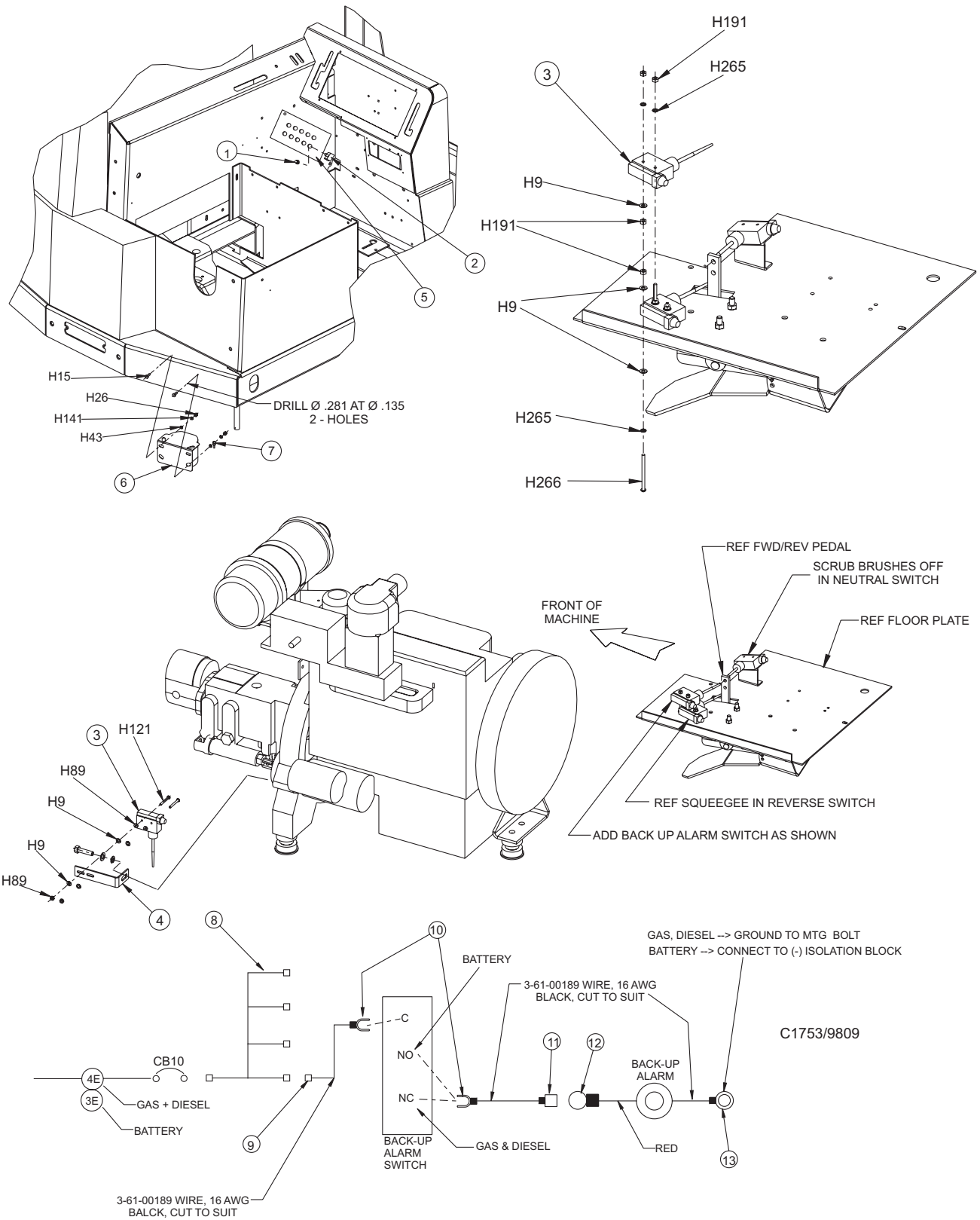
<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	8-11-00044	Cap, Instrument Panel (Boot)	1
2	8-64-00008	Circuit Breaker 15 Amp, (Gas, LP, Diesel)	1
2	8-64-00007	Circuit Breaker, 10 Amp, (Battery)	1
3	8-82-00058	Switch	2
4	8-08-02040	Bracket	1
5	7-52-00148	Panel-Circuit Breaker	Ref.
6	8-32-09009	Back-Up Alarm	1
7	2-00-00828	Ring Terminal	1
8	8-90-07434	Wing Wire	1
9	8-11-00015	Terminal	1
10	2-00-04742	Terminal	2
11	2-00-04626	Terminal	1
12	2-00-04578	Terminal Male Bullet	1
13	2-00-00828	Ring Terminal	

HARDWARE USED:

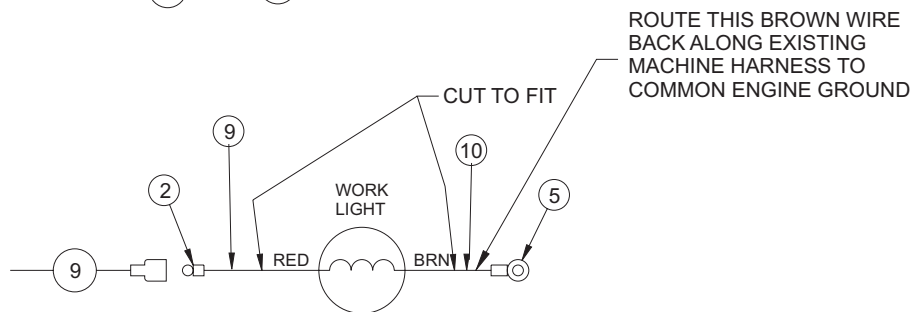
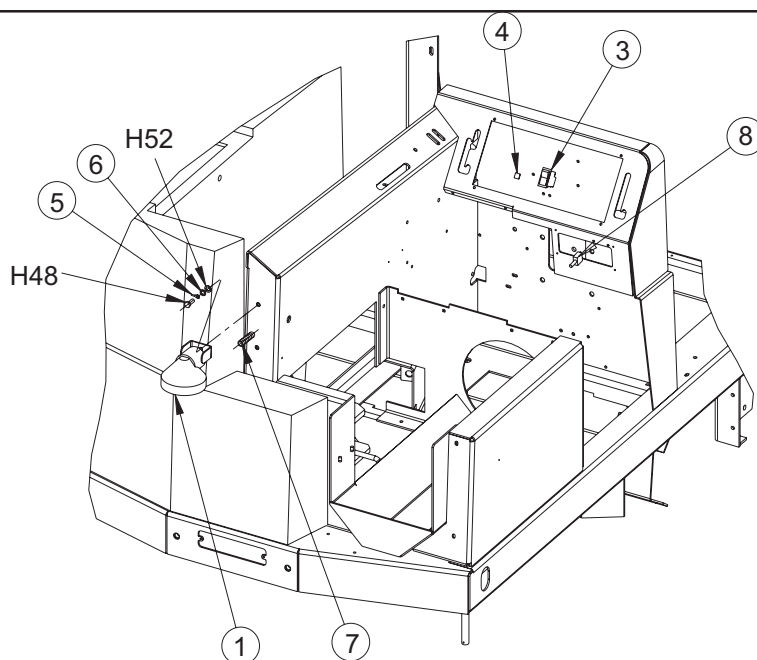
H9	2-00-00426	Flat Washer, .500 x .219 x .063	7
H15	2-00-00221	Screw, 1/4-20 x .750 HHC	2
H26	2-00-00641	Nut, 1/4-20 Insert Fiber	2
H43	2-00-00409	Flat Washer, .687 x .344 x .062	2
H89	2-00-01372	Nut, Insert Fiber, #8-32 Steel	4
H121	2-00-00090	Screw, #8-32 x 1.500 RHM	2
H141	2-00-00501	Washer, Internal Lock	2
H191	2-00-00602	Nut, MSCR-Hex, 8-32	4
H265	2-00-00506	Lock Washer, Int Tooth #8 Dia Screw	3
H266	2-00-05371	Screw-RHM #8-32 x 2.38	1

C1753/9805

BACK-UP ALARM OPTION - EXPLODED VIEW



REAR WORK LIGHT OPTION



C1744/9709

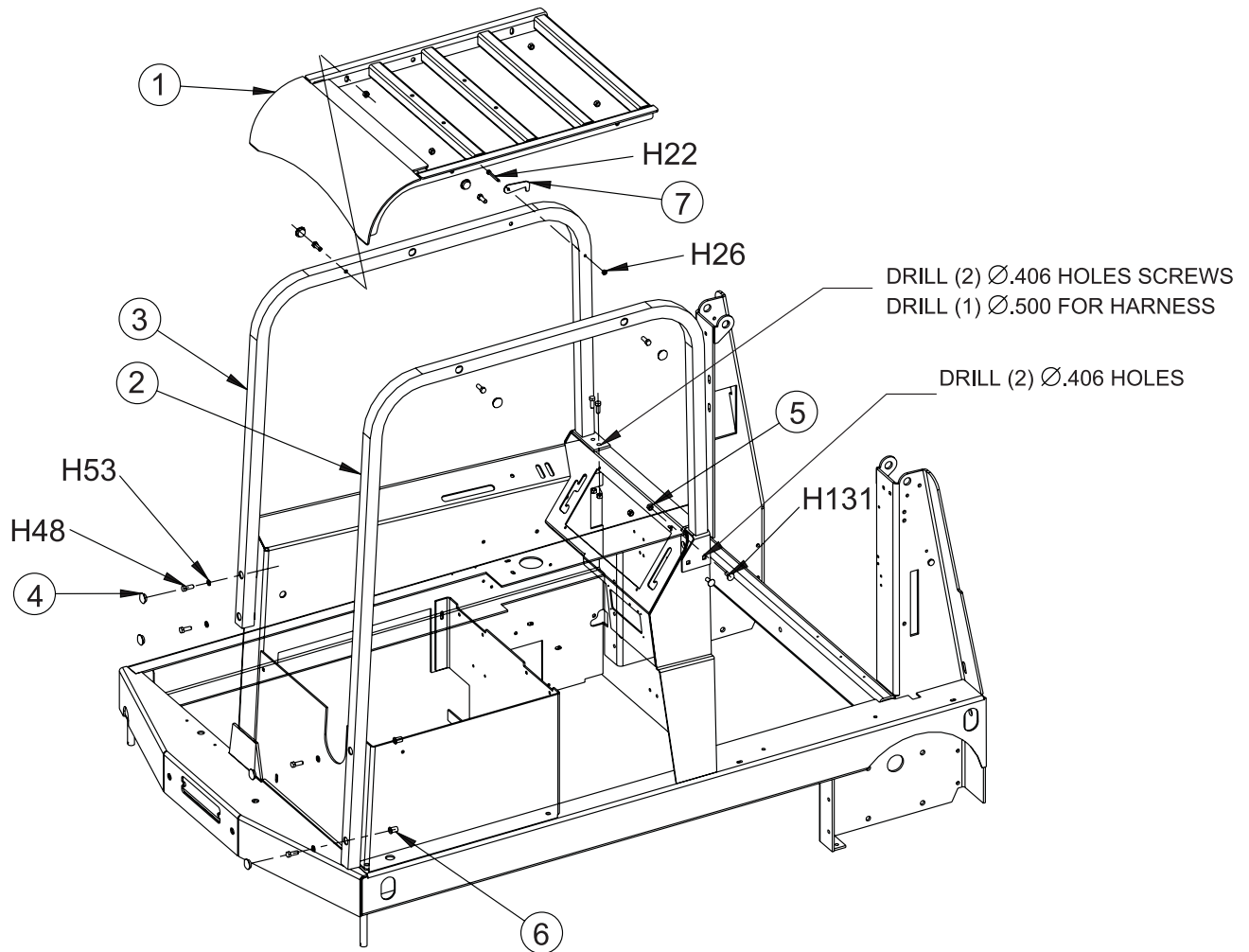
OPTION NO. 0780-437

KEY NO.	PART NUMBER	DESCRIPTION	QTY.
1	8-40-05022	Light 12V (Gas, Diesel, LP)	1
1	8-40-05024	Light 36V (Battery)	1
2	2-00-04578	Terminal	1
3	8-82-00059	Switch	1
4	2-00-03418	Terminal- .25 FISO	1
5	2-00-05048	Ring Terminal .38 (Gas, Diesel, LP)	1
5	2-00-00828	Ring Terminal .25 (Battery)	1
6	2-00-02303	Washer, Internal Lock	1
7	2-00-04626	Terminal- .156 Female Bullet	1
9	3-61-00193	Wire, 16 Gauge Red	-
10	3-61-00192	Wire, 16 Gauge Brown	-

HARDWARE USED:

H48	2-00-00233	Screw, 3/8-16 x 1.000 HHC	1
H52	2-00-00402	Flat Washer, .750 x .390 x .094	1

C1744/9805



C1696/9809

OPTION NO. 0780-417

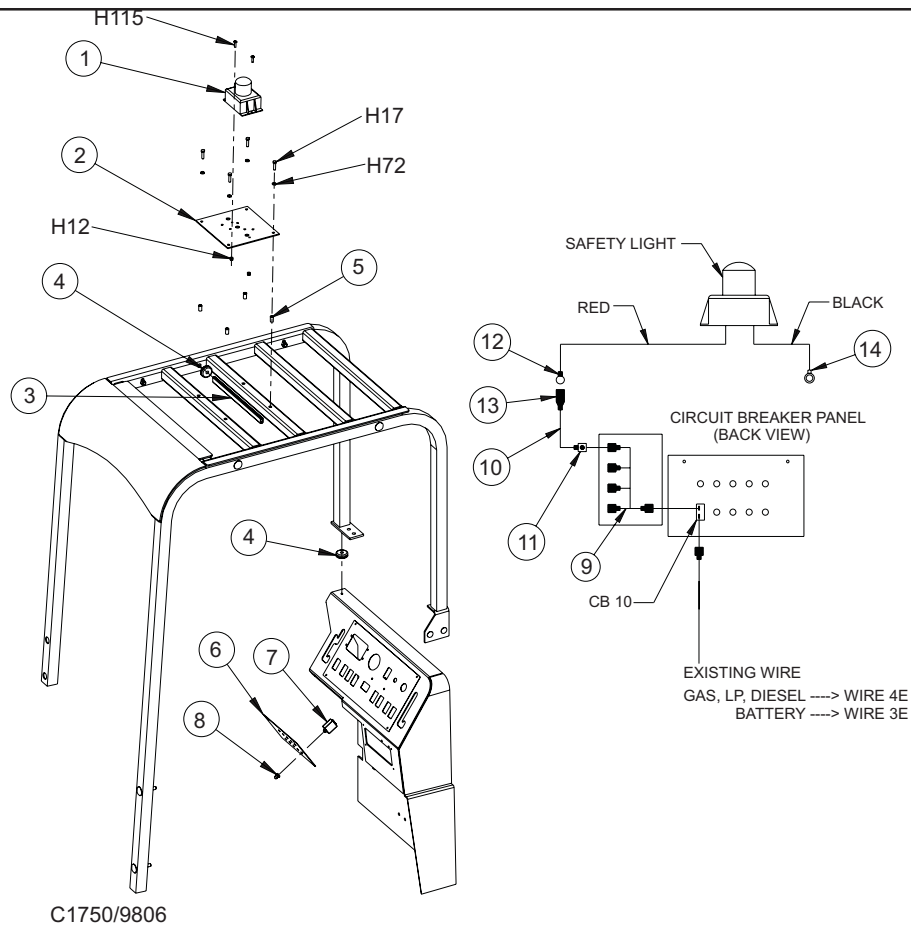
KEY NO.	PART NUMBER	DESCRIPTION	QTY.
1	8-30-05174	Overhead Guard Top Weld	1
2	7-81-00200	Overhead Guard Leg Weld - RH	1
3	7-81-00199	Overhead Guard Leg Weld - LH	1
4	2-00-05134	Plug Button	8
5	2-95-04182	Fibre Nut	8
6	2-00-05347	THD Insert - 3/8	2
7	7-41-00037	Latch - Engine Cover	1

HARDWARE USED:

H22	2-00-02589	Screw, 1/4-20 x 2.000 HHC	1
H26	2-00-00641	Nut, 1/4-20 Insert Fiber	1
H48	2-00-00233	Screw, 3/8-16 x 1.000 HHC	10
H53	2-00-02310	Lock Washer, Helical Spring 3/8 Med.	4
H131	2-00-03855	Carriage bolt, 3/8-16 x 1.000	2

C1696/9809

AMBER SAFETY LIGHT OPTION WITH OVERHEAD GUARD



OPTION NO. 0780-436

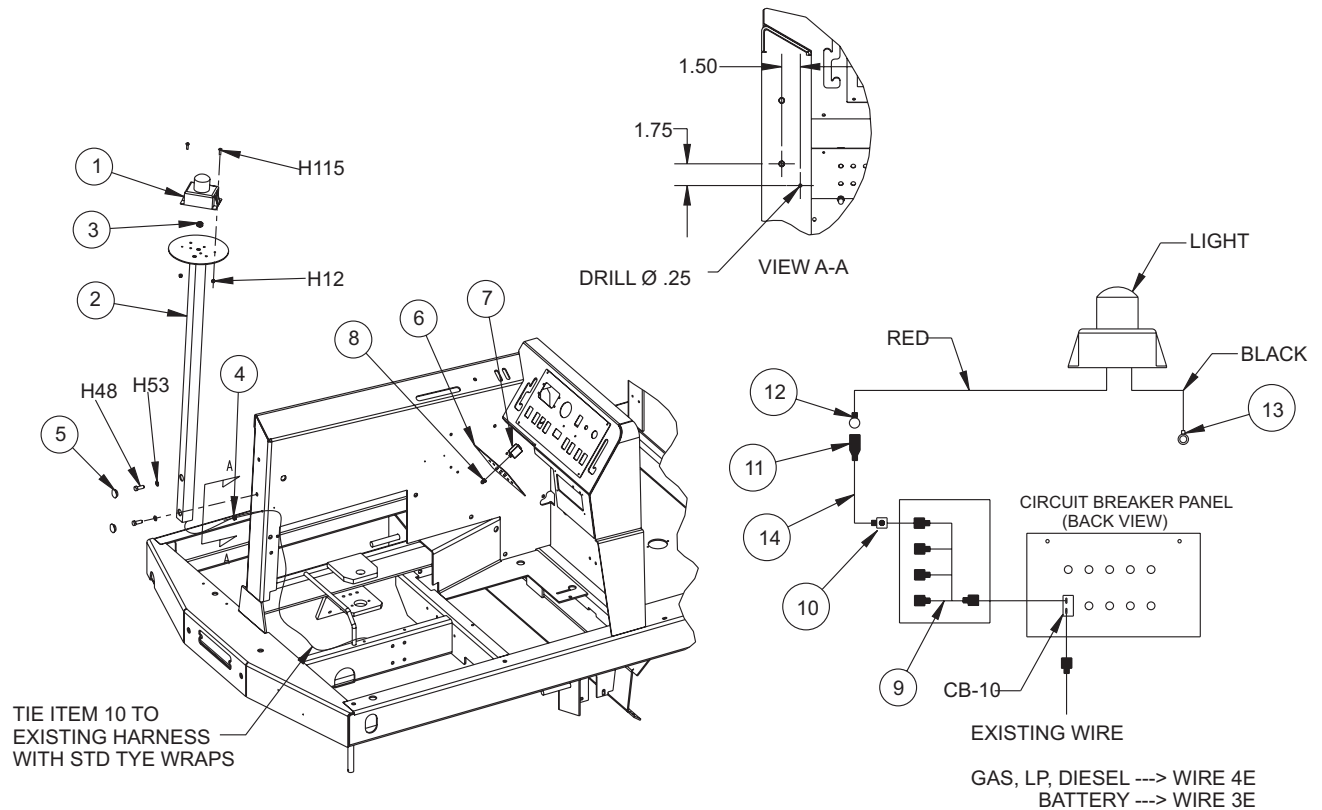
KEY NO.	PART NUMBER	DESCRIPTION	QTY.
1	8-40-05036	Amber Strobe	1
	8-40-05020	Red Strobe	1
2	8-58-05228	Panel, Light support	1
3	8-20-06036	Duct, Wire	1
4	2-00-01915	Grommet	2
5	2-00-05261	Threaded Insert	4
6	7-52-00148	Panel, Circuit Breaker	Ref.
7	8-64-00008	Circuit Breaker, 15 AMP	1
8	8-11-00044	Cap, Boot	1
9	8-90-07434	Wing Wire	1
10	3-61-00193	Wire, 16 AWG Red	7.5'
11	8-11-00015	Terminal	2
12	2-00-04578	Terminal	2
13	2-00-04626	Terminal	1
14	2-00-04281	Terminal	1

HARDWARE USED:

H12	2-00-01246	Nut, Hex Fiber Insert #10-24	2
H17	2-00-00205	Screw, 1/4-20 x 1.000 HHC	4
H72	2-00-00518	Lock Washer, Helical Spring	4
H115	2-00-03063	Screw, #10-24 x .750 THM	2

C1750/9709

AMBER SAFETY LIGHT OPTION WITHOUT OVERHEAD GUARD



OPTION NO. 0780-444

KEY NO.	PART NUMBER	DESCRIPTION	QTY.
1	8-40-05036	Amber Strobe - 12 - 48 VDC	1
2	7-81-00204	Support, Warning Light	1
3	2-00-00491	Grommet	1
4	2-00-04200	Grommet	1
5	2-00-05134	Plug Button	3
6	7-52-00148	Panel, Circuit Breaker	Ref.
7	8-64-00008	Circuit Breaker, 15 AMP	1
8	8-11-00044	Cap, Instrument Panel Boot	1
9	8-90-07434	Wing Wire	1
10	8-11-00015	Terminal	1
11	2-00-04626	Terminal	2
12	2-00-04578	Terminal	2
13	2-00-04281	Terminal #10 Ring	1
14	3-61-00193	Wire, 16 AWG Red.	15'
15	2-00-04345	Tye-Rap	*

*As Needed

HARDWARE USED:

H12	2-00-01246	Nut, Hex Fiber Insert #10-24	2
H48	2-00-00233	Screw, 3/8-15 x 1.000 HHC	2
H53	2-00-02310	Lock Washer, Helical Spring 3/8 Med.	2
H115	2-00-03063	Screw, #10-24 x .750 THM	2

C1749/9709

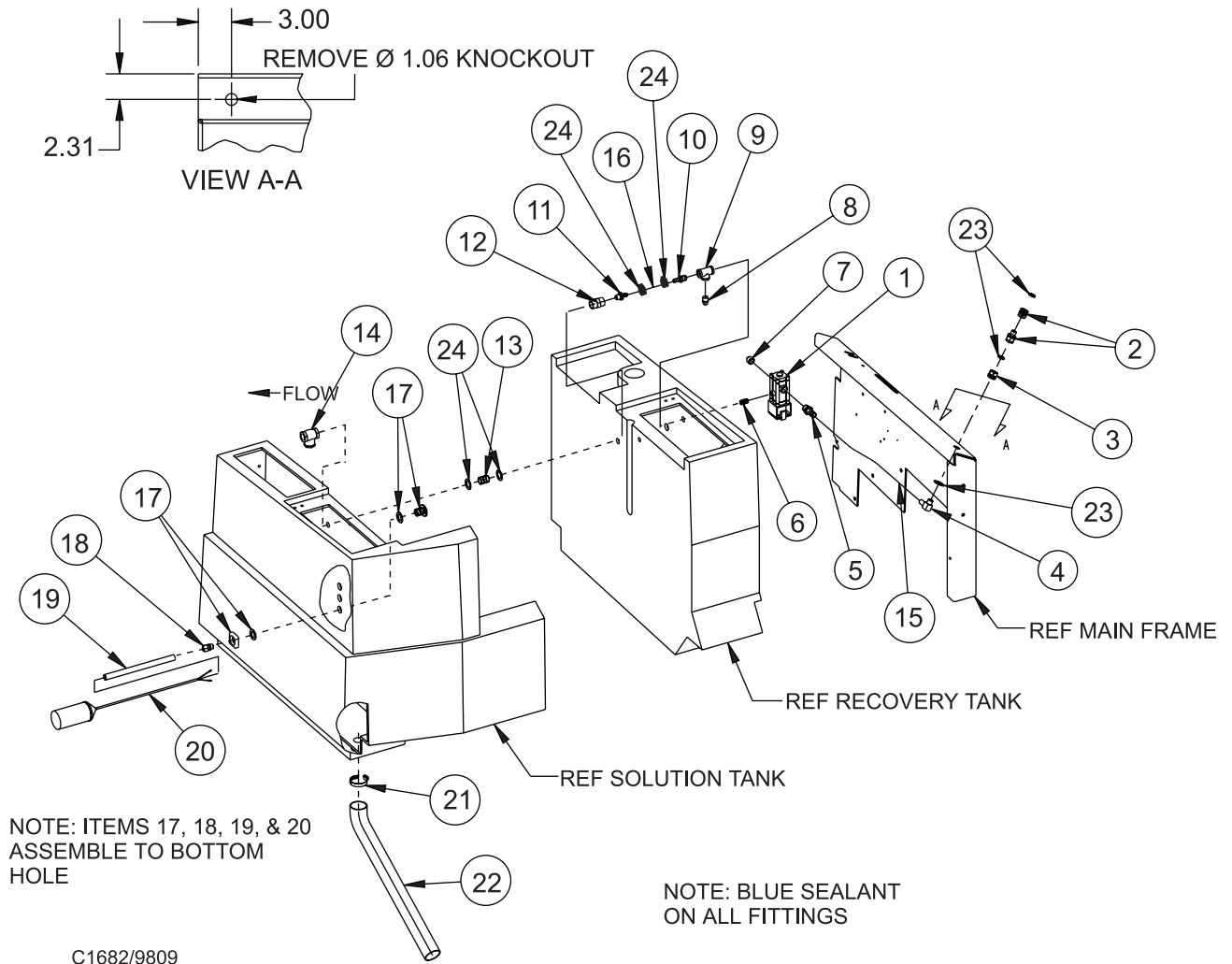
ESP/AUTOFIL OPTION - PARTS LIST

<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	7-88-00078	Valve - Autofil	1
2	7-25-02087	Connector - Quick Disconnect	1
3	7-25-02088	Coupling	1
4	7-25-02053	Fitting - 90° ¾ Tube	1
5	7-25-02012	Fitting - Hose to ¾-14 NPT	1
6	2-95-02516	Nipple - ½ NPT Close	1
7	2-00-02475	Plug - ¾ NPT	1
8	7-25-02090	Plug - Oriface	1
9	2-95-02537	Fitting - Tee ½ NPT	1
10	2-00-04722	Fitting - ½ NPT - ½ Hose	1
11	2-00-05342	Fitting - ¾ NPT - ½ Hose	1
12	2-00-04736	Coupling - ¾ NPT	1
13	2-95-02518	Nipple - ¾ Close	1
14	7-88-00031	Check Valve	1
15	7-33-02371	Hose - ¾ x 14" LG	1
16	7-33-02360	Hose - ½ x 8" LG	1
17	7-09-01124	Bushing - Bulkhead Fitting	Ref.
18	7-09-01122	Bushing	Ref.
19	7-87-02188	Tube - Float Switch	Ref.
20	0775-217	Solution Float (Yellow)	Ref.
21	2-00-02217	Hose Clamp	1
22	7-87-02153	Drain Tube	1
23	2-95-03047	Washer	3
24	2-00-04345	Ty-Rap	2

HARDWARE USED:

H308	2-00-05388	Sealing Washer 46/53 ESP OPT	1
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C1682/9907



ESP/AUTOFIL OPTION cont. - PARTS LIST

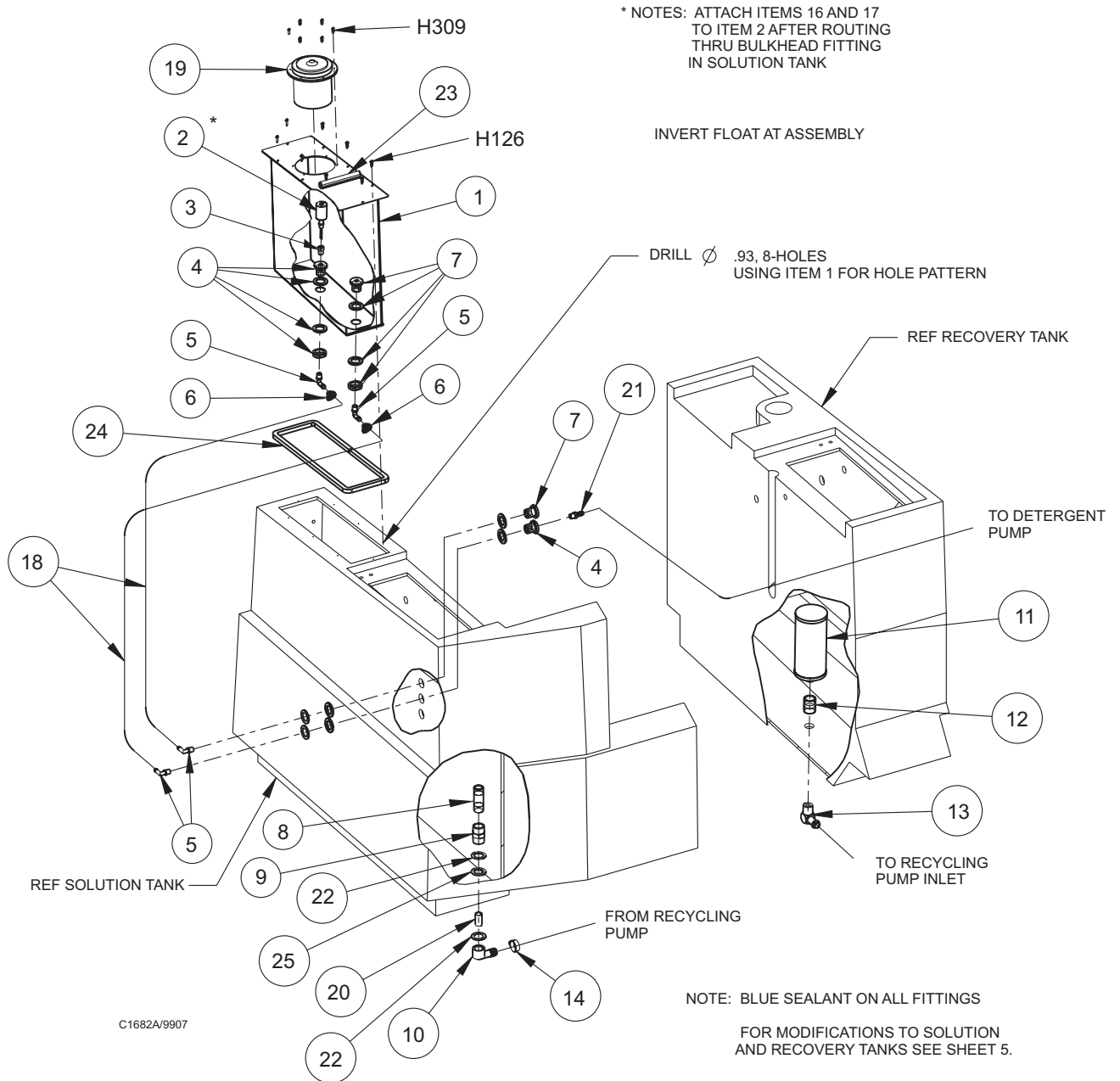
<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	7-83-04172	Tank, Detergent	1
2	7-82-00017	Float	1
3	2-00-05003	Fitting, Reducer	1
4	7-25-02080	Fitting, Bulkhead (Det. Float)	2
5	2-00-04654	Fitting 90°	4
6	7-13-07084	Clamp, Hose	2
7	2-00-05346	Fitting, Bulkhead (Det. Tank)	2
8	2-95-04267	Nipple, ¾ NPT x 3.0" LG	1
9	2-00-04736	Coupling, ¾ NPT	1
10	2-00-05132	Fitting, 90 ° ¾ NPT ¼ Tube	1
11	7-24-04027	Filter	1
12	7-25-02089	Coupling, ¾ NPT (PVC)	1
13	7-25-02038	Fitting, 90°	1
14	2-00-02220	Clamp, Hose	1
15			
16	2-00-04551	Terminal, .156 Male Bullet	1
17	2-00-04584	Terminal, .156 Female Bullet	1
18	7-33-02372	Hose, .25 ID x18" LG	2
19	7-11-00031	Filter Assembly	1
20	2-00-05131	Nipple	1
21	2-74-00001	Fitting - Plastic	1
22	2-95-03047	Washer	1
23	3-73-00060	Bumper	5"

HARDWARE USED:

H126	2-00-03466	Screw, #10-16 x .500	8
H309	2-00-01081		6

C1682a/9907

ESP/AUTOFIL OPTION cont. - EXPLODED VIEW



ESP/AUTOFIL OPTION cont. - PARTS LIST

<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	7-60-05031	Detergent Pump	1
2	8-75-01207	Spacer	2
3*	7-60-05025	Recycling Pump	1
4			
5			
6	8-08-00845	Bracket	1
7	7-23-03056	Nut, Special	1
8	8-82-00058	Switch	2
9	2-00-05396	Fitting	1
10	2-00-03407	Hose Clamp	2
11	2-00-05412	Reducer Connector	2
12	7-33-02370	Hose - .75 ID x 50" LG	2
13	7-33-02368	Hose - .25 ID x 18" LG	1
14	7-33-02367	Hose - .25 ID x 30" LG	1
15#	7-33-02387	Hose- .75 ID x 72" LG	1

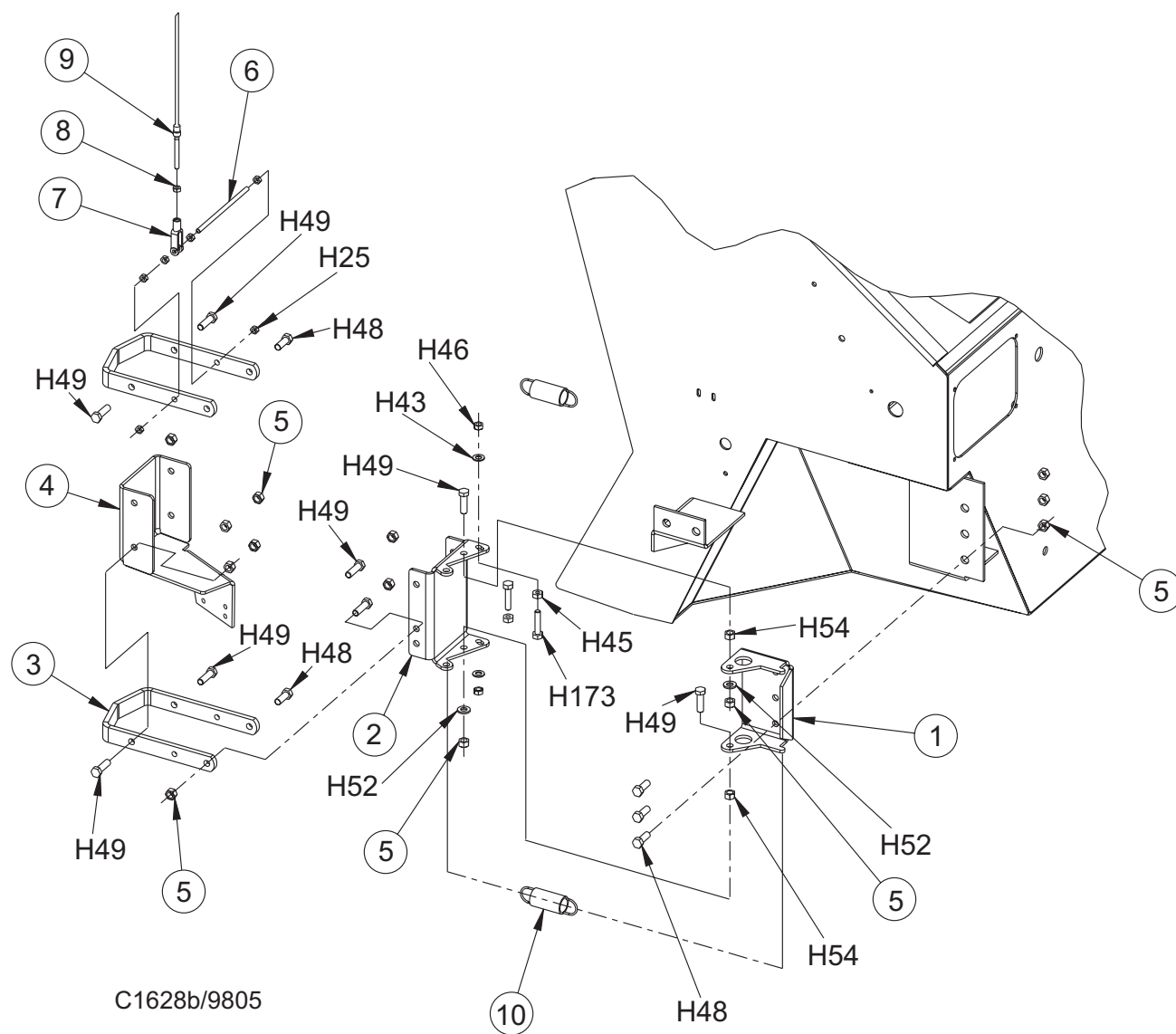
HARDWARE USED:

H8	2-00-00039	Screw, #10-24 x 1.000 RHM	4
H9	2-00-00426	Flat Washer, .500 x .219 x .063	8
H12	2-00-01246	Nut, Hex Fiber Insert #10-24	6
H15	2-00-00221	Screw, 1/4-20 x .750 HHC	2
H19	2-00-02587	Screw, 1/4-20 x 1.250 HHC	2
H25	2-00-00594	Nut, Hex 1/4-20 x .437 x .218	2
H26	2-00-00641	Nut, 1/4-20 Insert Fiber	4
H27	2-00-03702	Washer, .625 x .281 x .063	2
H45	2-00-00585	Nut, Hex 5/16-18 x .500 x .265	1
H191	2-00-00602	Nut, MSCR - hex 8-32	2
H231#	2-00-02933	Screw, Mach. 10-24 x 3.50	2
H255#	2-00-00227	Screw-HHC .313-18 x 2.25	1
H265#	2-00-00506	Lock Washer, Int Tooth #8 Dia Screw	2
H266#	2-00-05371	Screw-RHM #8-32 x 2.38	2

* Gas & Diesel Only

Battery Only

C1682b/9907



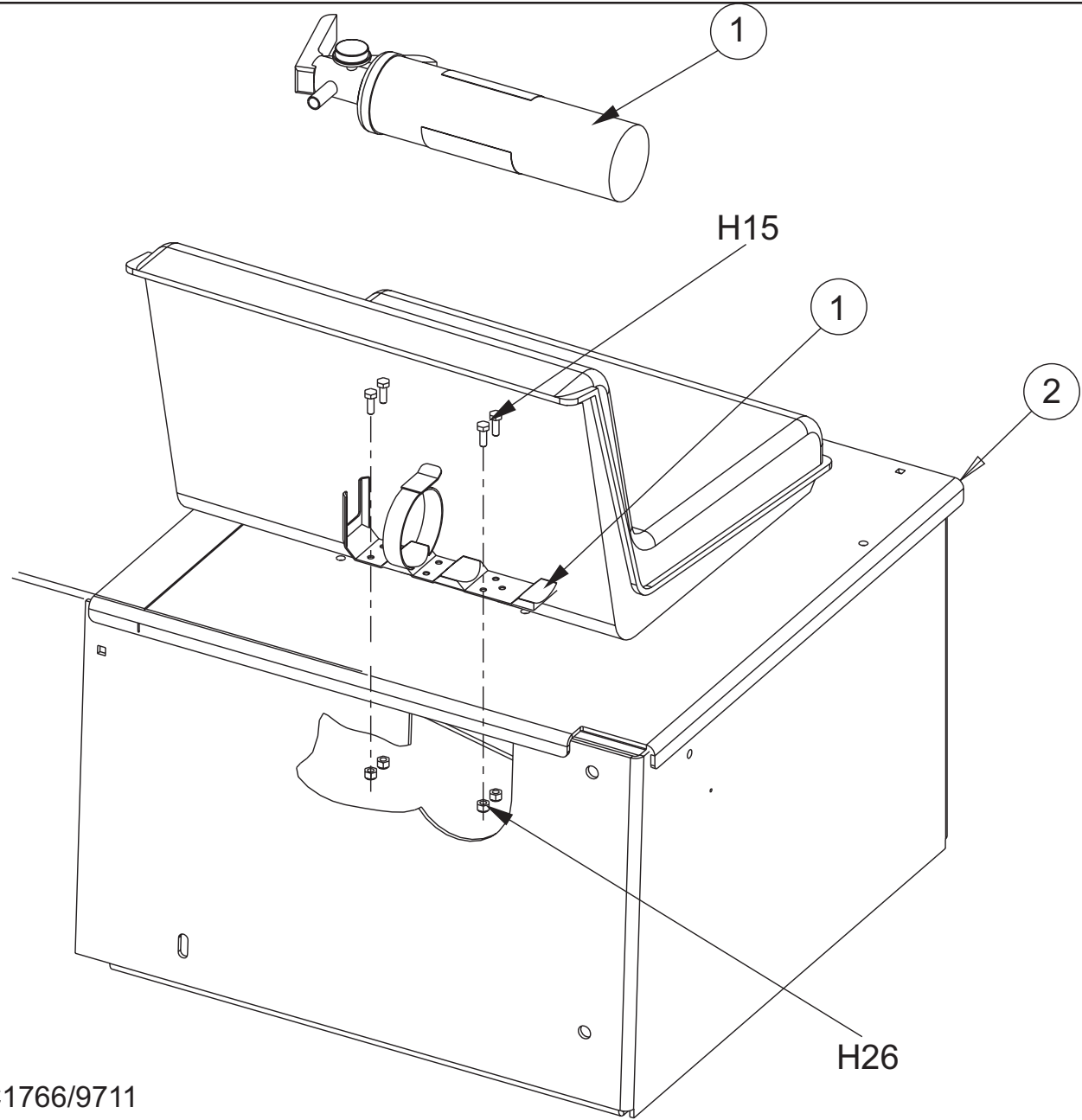
ESP/AUTOFIL WIRING - BATTERY - PARTS LIST

<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	0795-122	ESP Wiring Harness	1
2		Hole Plug	1
3	7-52-00082	ESP Instrument Panel	1
4	7-82-00022	Switch, On/Off DPS	1
5	7-40-05030	Light-32V	1
6	7-39-00021	Knob	1
7	2-00-03059	Screw, #10-24 x .375 RHM	2
8	2-00-02296	Lock Washer, #10 Ext	2
9	7-30-050527	Guard, Rheostat	1
10	2-00-00529	Lock Washer, Helical Spring #8 Med	2
11	2-00-00605	Nut, Hex MS #10-24 THDS	2
12	7-18-00136	Decal, Desergent Flow	1
13	2-00-04479	Terminal-3-Way	2
14	2-00-03418	Terminal-.25 FISO Fem	2
15	2-00-05048	Terminal-.25 Ring	2
16	3-61-00189	Wire-16 AWG. Black	10'
17	0775-223	Assy. Resistor	1
18	0775-222	Assy. Resistor	1
19	2-00-04626	Terminal, .156 Female Bullet	4
20	2-00-04584	Terminal, .156 Male Bullet	4

C1787/9806

American-Lincoln Technology
ATS 46/53

FIRE EXTINGUISHER



C1766/9711

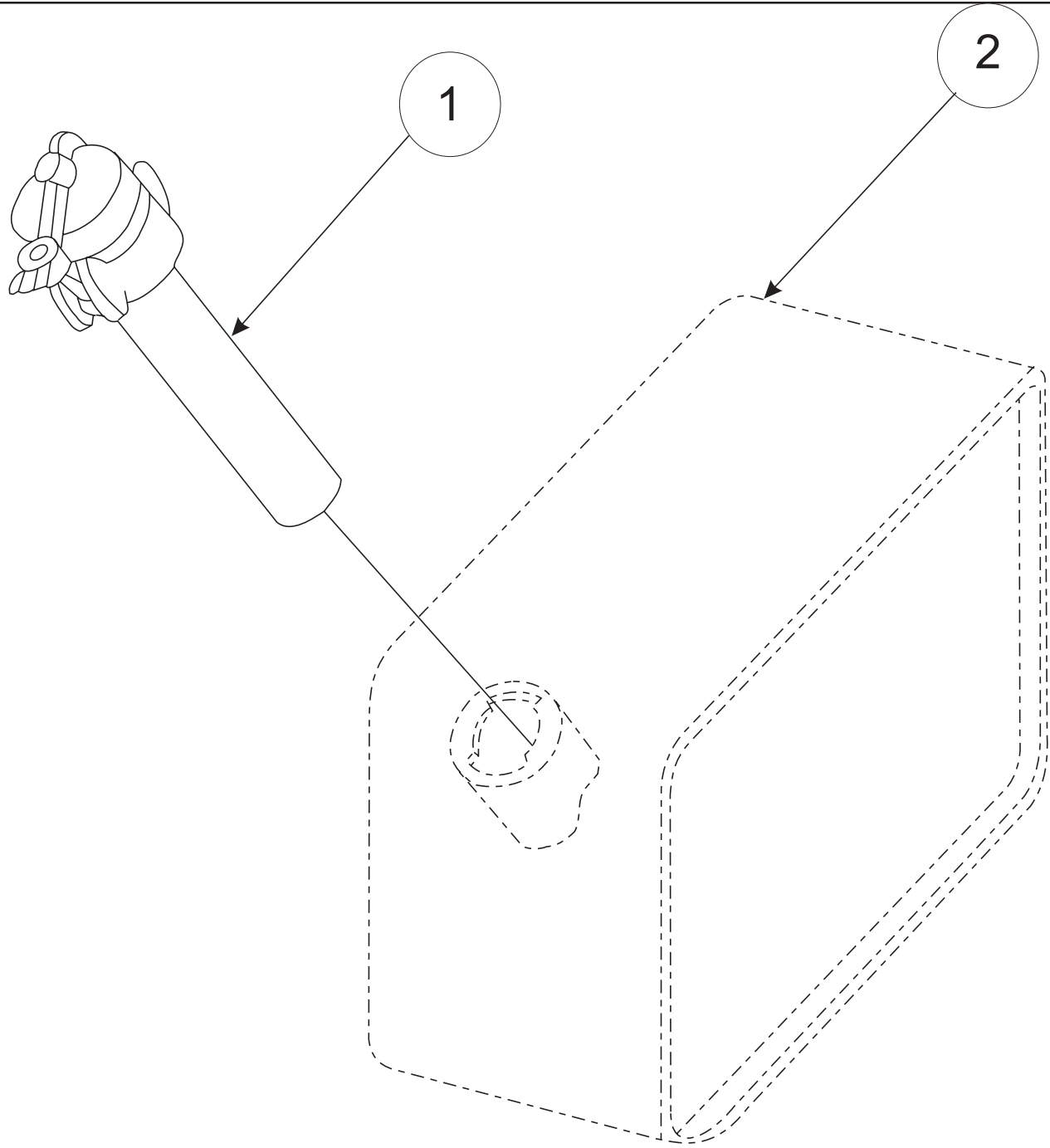
<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	8-83-04033	Fire Extinguisher	1
2	8-52-00186	Panel-Seat MTG	1

HARDWARE USED:

H15	2-00-00221	Screw, 1/4-20 X .750 HHC	4
H26	2-00-00641	Nut, 1/4-20 Insert Fiber	4

C1766/9711

FLAME ARRESTING GAS CAP

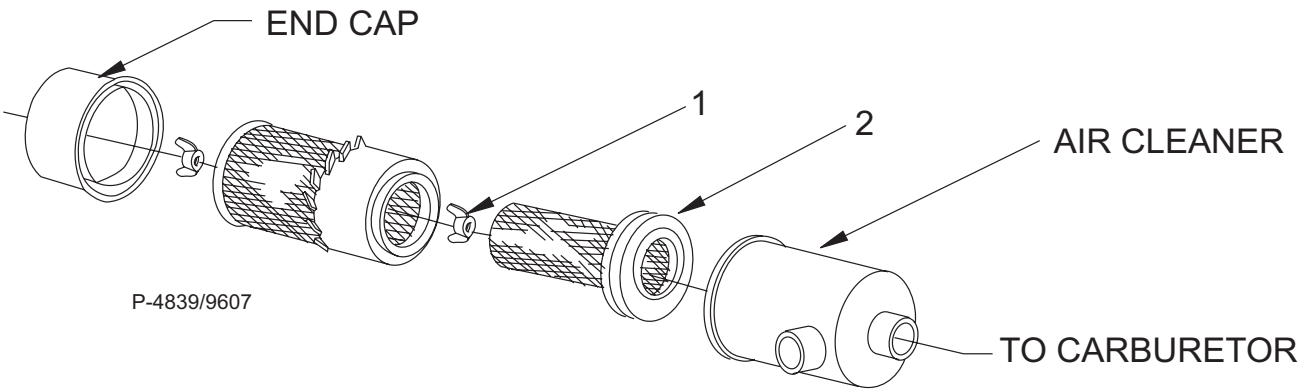


P4875-1/9704

<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	8-11-00024	Flame Arresting Gas Cap	1
2	8-83-04022	Fuel Tank with Gauge	1

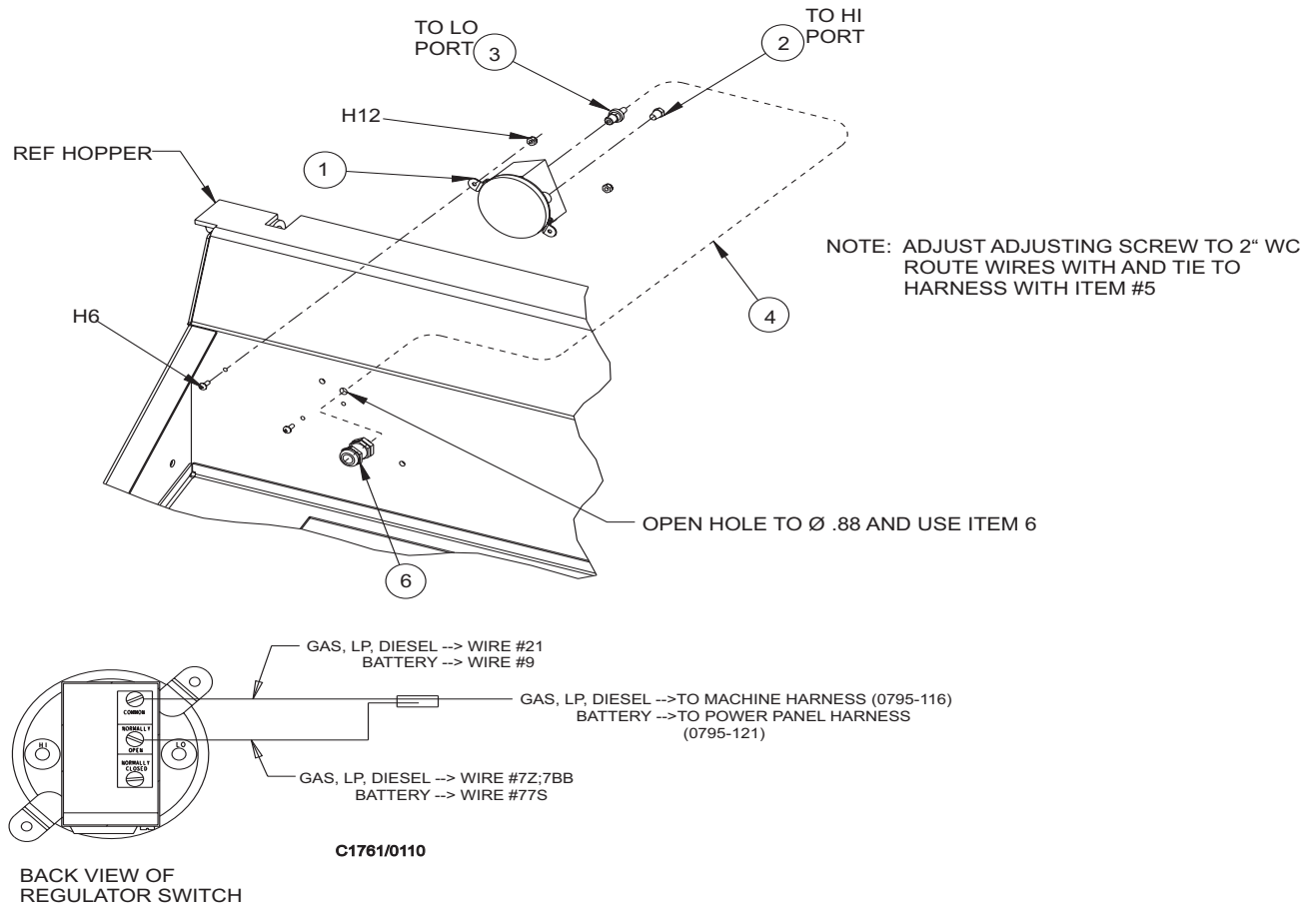
P4875-1/9704

HEAVY DUTY AIR CLEANER OPTION



<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	8-23-03064	Wing Nut Assembly	1
2	8-24-04111	Filter Element	1

P4839/9607



KEY NO.	PART NUMBER	DESCRIPTION	QTY.
1	8-63-05008	Switch, Pressure Dif.	1
2	8-24-04075	Filter Plug	1
3	2-00-04518	Fitting, 1/8 NPT - 1/4 Tube	1
4	7-87-02155	Hose, 3/8 - 9"LG	1
5	2-00-04345	Tye-Raps	10
6	8-09-01083	Grommet	1

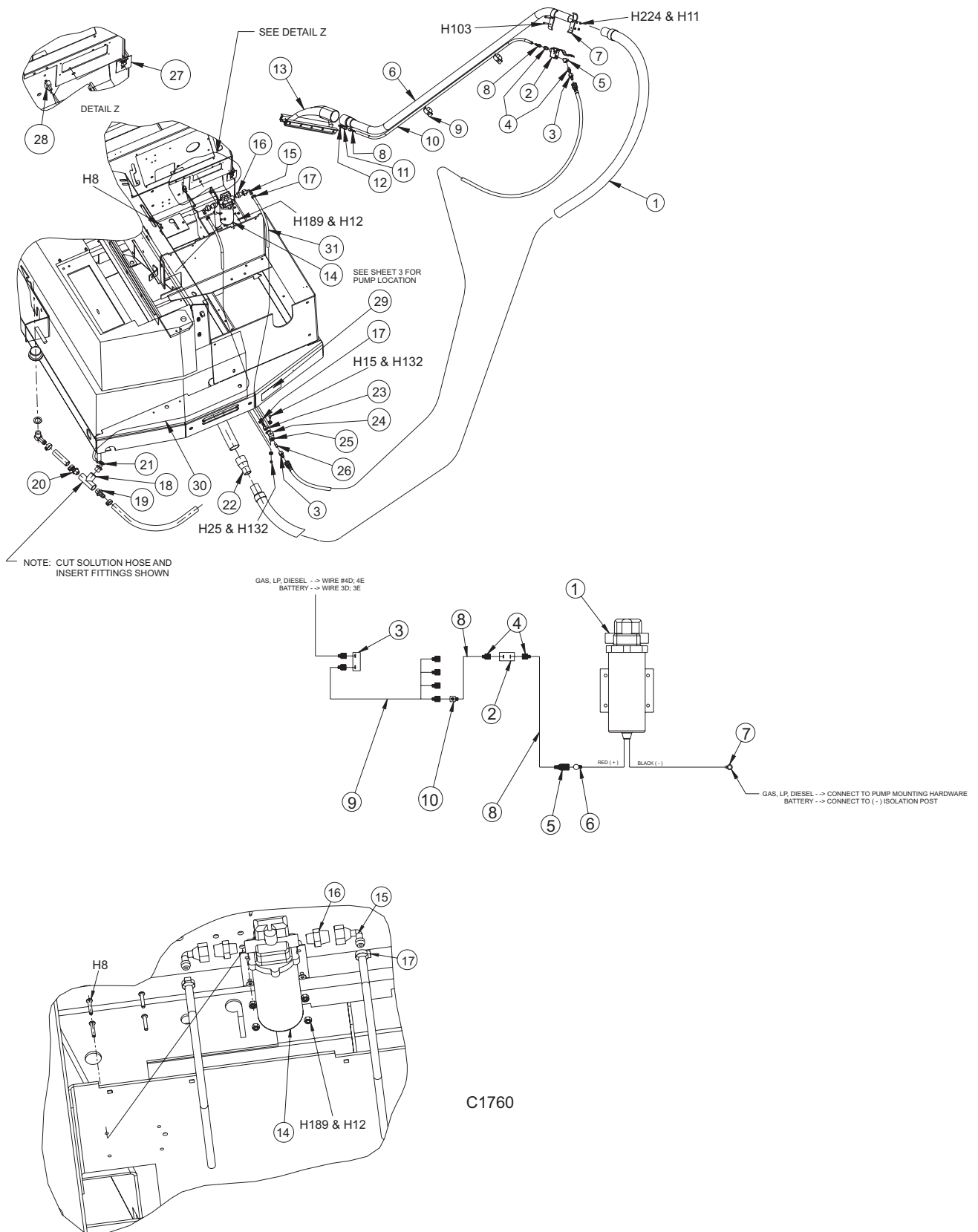
HARDWARE USED:

H6	2-00-00049	Screw, #10-24 x .500 RHM	2
H12	2-00-01246	Nut, Hex Fiber Insert # 10 - 24	2
C1761/0111			

SPRAY WAND OPTION - PARTS LIST

<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	0261-029	Hose Assembly	1
2	7-88-00058	Valve - Solution(1/4 NPT)	1
3	7-16-05028	Coupling, Quick Disconnect	2
4	2-00-05206	Reducer	2
5	8-56-05026	45° Street Elbow	1
6	0261-025	Wand Assembly	1
7	7-13-07139	Clamp Valve	2
8	2-00-05207	Adapter	2
9	7-13-07140	Clamp Hose	5
10	7-33-02306	Solution Feed Hose	1
11	2-00-05208	Adapter	1
12	7-50-01002	Spray Nozzle	1
13	0261-024	Squeegee Toll Assembly	1
14	7-60-05022	Water Pump (12VDC) Gas, LP, Diesel	1
14	7-60-05017	Water Pump (36 VDC) Battery	1
15	7-25-02073	Fitting, 90° Elbow	2
16	7-03-00047	Adapter	2
17	2-95-04388	Hose Clamp	5
18	7-25-02037	Tee (3/4 important)	1
19	7-25-02052	Fitting Straight	2
20	2-00-02037	Hose Clamp	3
21	2-00-04655	Fitting, 90° Elbow	1
22	7-03-00044	Hose Adapter	1
23	2-00-05211	Adapter	1
24	7-08-00769	Bracket, Hose Connection	1
25	2-00-00415	Washer	2
26	2-00-03875	Pipe Nipple, Close	1
27	7-18-00217	Decal	1
28	2-00-03499	Switch	1
29	7-18-00121	Decal - Warning	1
30	3-71-03025	Hose - 3/8" Clear	3'
31	3-71-00081	Hose	5'
32	7-60-05022	Water Pump (12 VDC) Gas, Diesel, LP	Ref.
33	7-60-05017	Pump (36VDC) Battery	Ref.
34	2-00-03499	Switch, Toggle	Ref.
35	8-64-00008	Circuit Breaker	1
36	2-00-03418	Terminal, .25 FISO	3
37	2-00-04626	Terminal, .156 Fem. Bullet	1
38	2-00-04578	Terminal, .156 Male Bullet	1
39	2-00-04281	Terminal, #10 Ring, Gas, Diesel, LP	1
40	2-00-00828	Terminal, .25 Ring, Battery	1
41	3-61-00189	Wire, 16 AWG	-
42	8-90-07434	Wing Wire	1
43	8-11-00015	Terminal-.25 FISO Male	1
<u>HARDWARE USED:</u>			
H8	2-00-00039	Screw, 10-24 x 1.000 RHM	8
H11	2-00-00605	Nut, Hex MS # 10-24 x .375 x .125	2
H12	2-00-01246	Nut, Hex Fiber Insert #10-24	8
H15	2-00-00221	Screw, 1/4-20 x .750 HHC	1
H25	2-00-00594	Nut, Hex 1/4-20 x .437 x .218	1
H103	2-00-00089	Screw, 10-24 x 1.500 RHM	2
H132	2-00-00503	Lock Washer, 1/4 Ext	3
H189	2-00-00460	Flat Washer, .437 x .192 x .031-s	8
H224	2-00-04686	Lock Washer - Helical #10 Scr. Med. SST	2

SPRAY WAND OPTION - EXPLODED VIEW



WET SWEEP BYPASS/THERMO SENSOR OPTION - PARTS LIST

OPTION NO. 0780-435

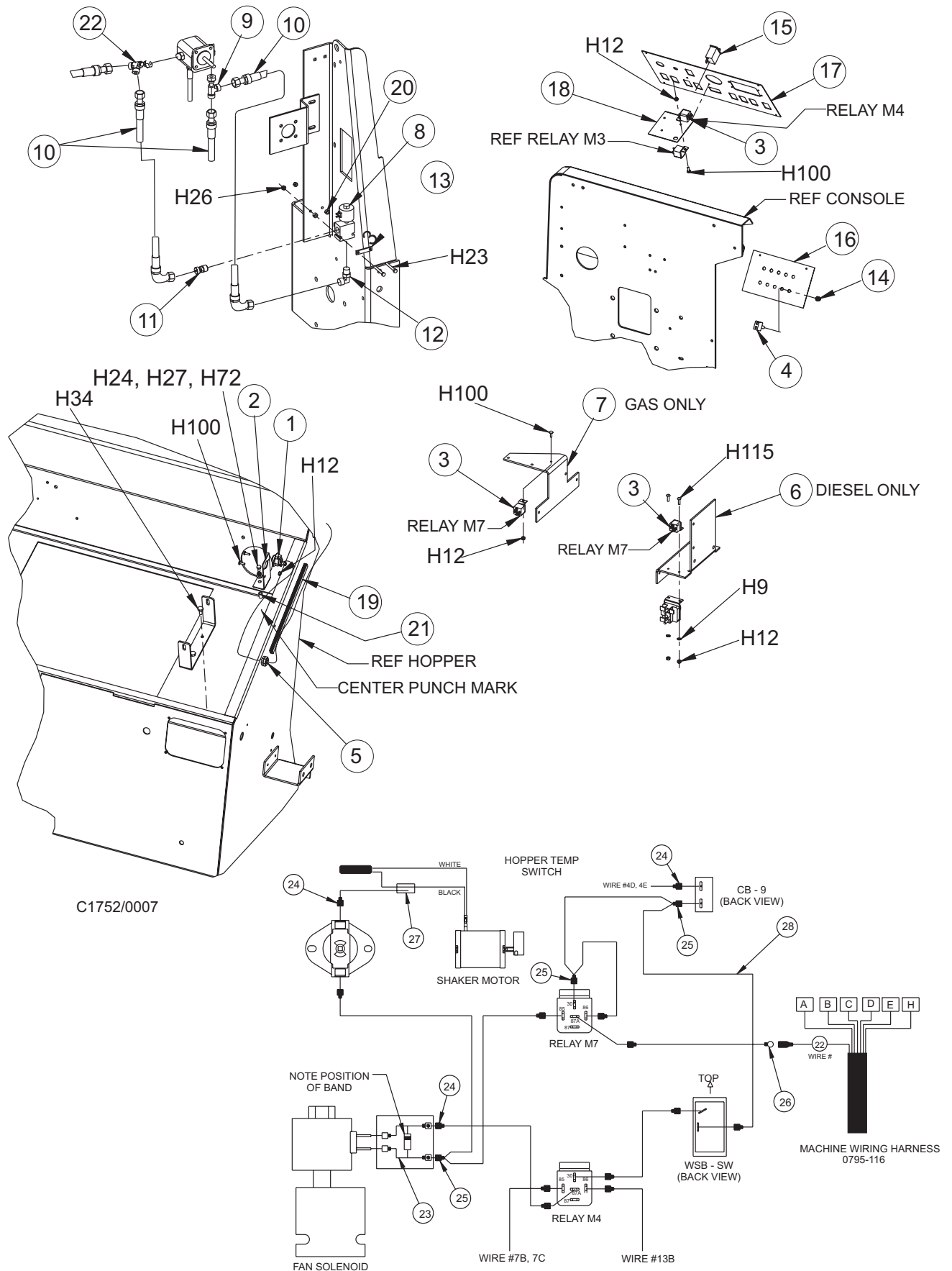
<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	8-82-00056	Switch - Thermostat	1
2	8-08-00803	Switch - Bracket	1
3	8-64-05009	Relay (M4; M7)	2
4	8-64-00008	Circuit Breaker 15A	1
5	8-09-01083	Bushing - Liq. Tight	Ref.
6	7-08-00823	Bracket - Air Filter	Ref.
7	8-08-00783	Bracket - Air Filter	Ref.
8	8-88-00042	Solenoid Valve	1
9	2-00-04928	Run Tee ORS 8x8x8	1
10	7-33-02327	Hose - #8ORS 0-90°, 15.25"	2
11	2-00-04970	Fitting - 8ORS - 8SAE, Straight	1
12	2-00-04885	Fitting - 90° Elbow, O-Ring	1
13	8-08-00590	Bracket	1
14	8-11-00044	Boot - Switch	1
15	8-82-00059	Switch - On/Off (SPST)	1
16	7-52-00147	Instrument Panel	Ref.
17	7-52-00148	Circuit Breaker Panel	Ref.
18	8-08-00838	Relay Panel	Ref.
19	7-20-06012	Duct - 6"	Ref.
20	7-15-01031	Spacers	2
21	2-00-05261	Threaded Insert	1
22	2-00-04924	Fitting - Tee	1
23	0875-177	Diode Assembly	1
24	2-00-03418	Terminal - .25 FISO	13
25	2-00-04708	Terminal - .25 FISO	3
26	2-00-04578	Terminal - .156 M Bullet	1
27	2-00-04479	Connector - 3-way	1
28	3-61-00189	Wire - 16 AWG, Black	35'

HARDWARE USED:

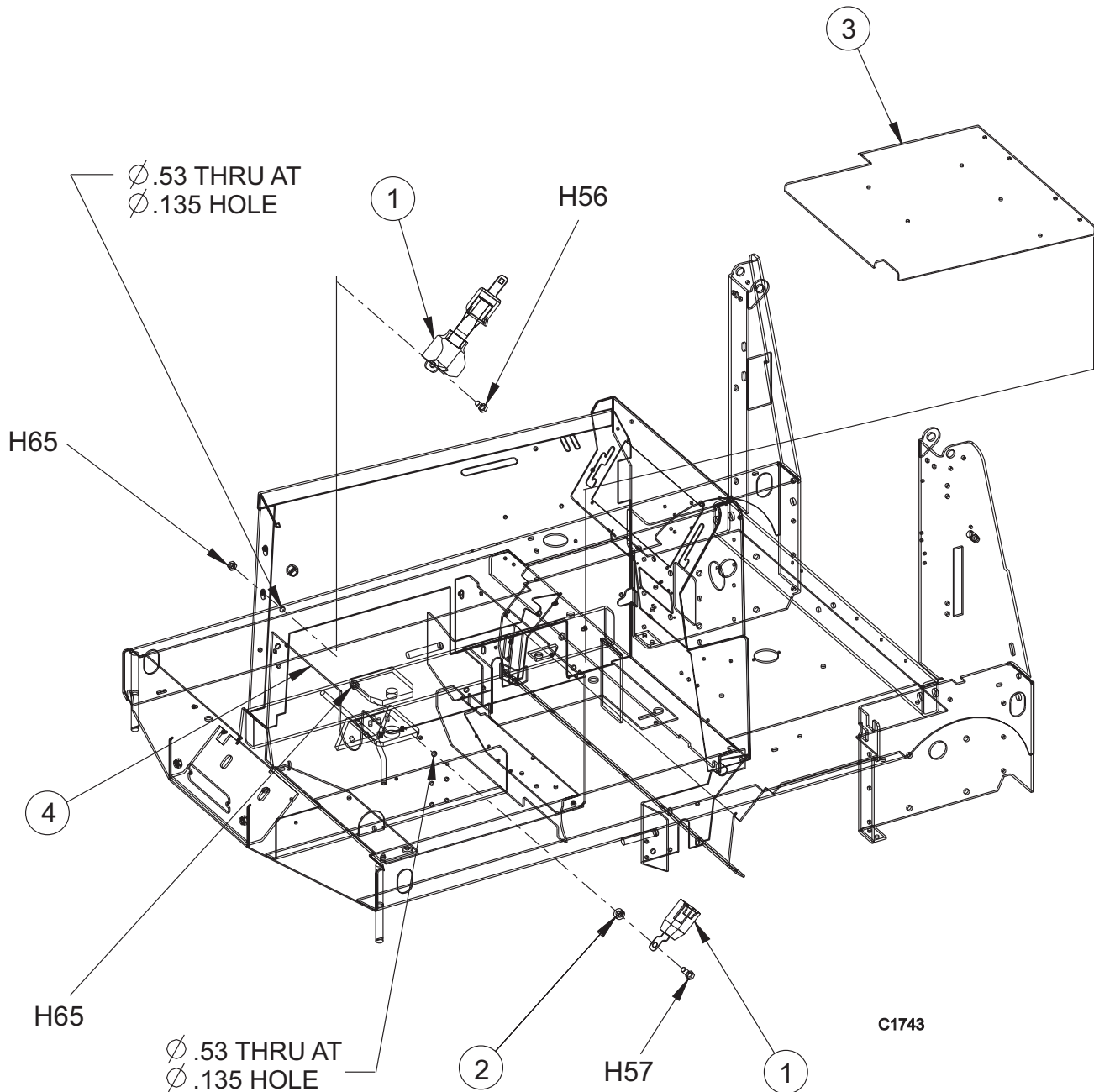
H9	2-00-00426	Flat Washer, .500 x .219 x .063	2
H12	2-00-01246	Nut, Hex Fiber Insert #10-24	6
H23	2-00-01980	Screw, 1/4-20 x 2.500 HHC	2
H24	2-00-00220	Screw, 1/4-20 x .625 HHC	1
H26	2-00-00641	Nut, 1/4-20 Insert Fiber	2
H27	2-00-03702	Washer, .625 x .281 x .063	1
H34	2-00-00208	Screw, 5/16-18 x .750 HHC	Ref.
H72	2-00-00518	Lock Washer, Helical Spring	1
H100	2-00-03062	Screw, #10-24 x .625 THM	4
H115	2-00-03063	Screw, #10-24 x .750 THM	2

C1752/0007

WET SWEEP BYPASS/THERMO SENSOR OPTION - EXPLODED VIEW



RETRACTABLE SEATBELT OPTION



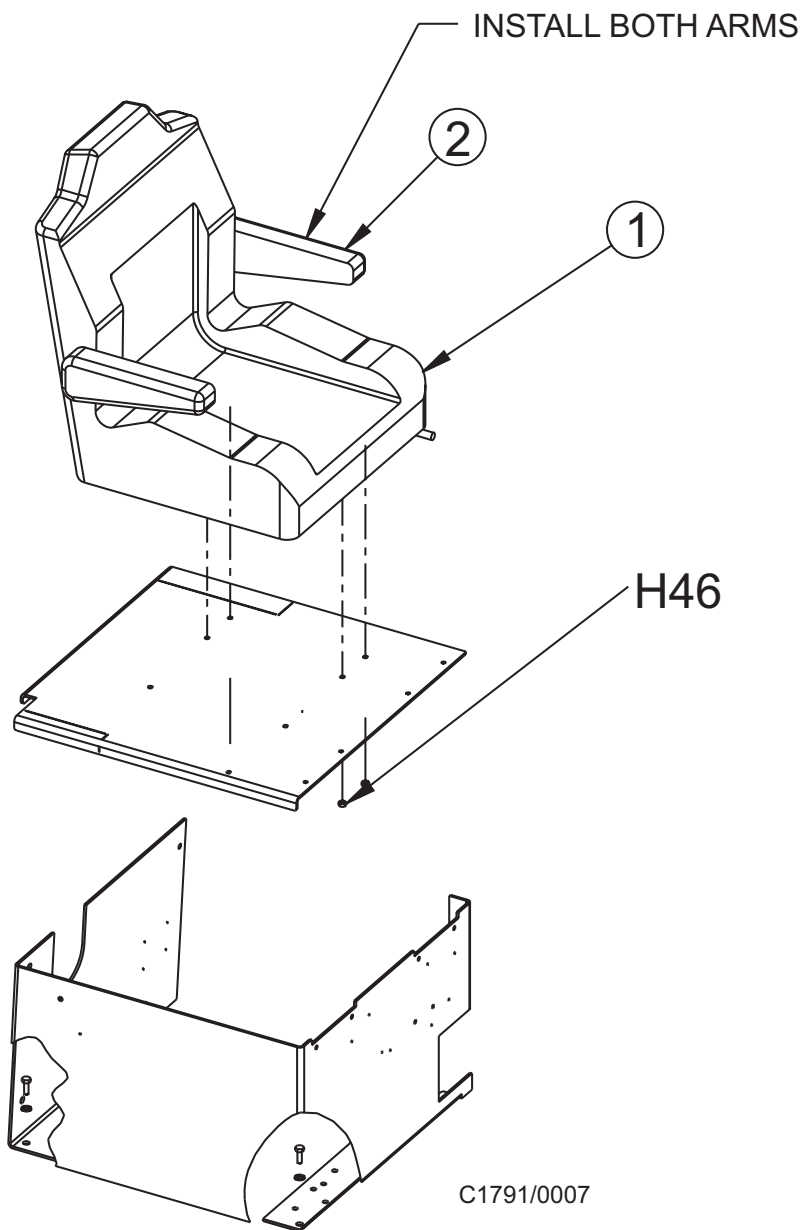
KEY NO.	PART NUMBER	DESCRIPTION	QTY.
1	2-00-05391	Retractable Seat Belt	1
2	2-00-03589	Set Collar	1
3	8-52-00186	Panel - Seat Mounting	Ref.
4	8-33-05124	Housing - Seat and Panel	Ref.

HARDWARE USED:

H56	2-00-00239	Screw, 1/2-13 x 1.000 HHC	1
H57	2-00-00240	Screw, 1/2-13 x 1.250 HHC	1
H65	2-00-04936	Nut, 1/2-13 Fibre Lock	2

C1743/9707

SUSPENSION SEAT OPTION



NOTE: DO NOT USE SEAT MOUNTED
SEATBELT ON THIS MACHINE

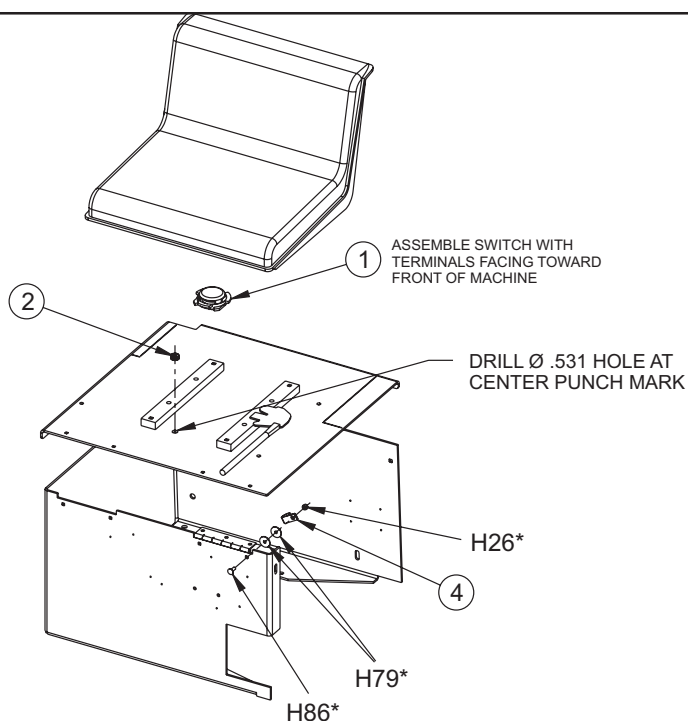
<u>KEY NO.</u>	<u>PART NUBMER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	8-69-00019	Seat - Suspension	1
2	8-03-04320	Kit - Arm Rest	1

HARDWARE USED:

H46	2-00-00644	Nut, 5/16-18, Insert Fiber	4
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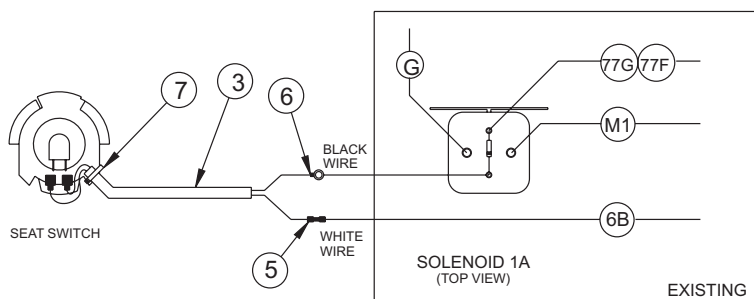
C1791/0007

SEAT SWITCH KIT



* USE EXISTING HARDWARE

NOTE: REMOVE EXISTING WIRE 6B FROM
SOLENOID 1A AND RECONNECT TO SEAT
SWITCH HARNESS WITH BUTT SPLICE.
CONNECT OTHER WIRE FROM SEAT SWITCH
HARNESS TO SOLENOID 1A AS SHOWN.



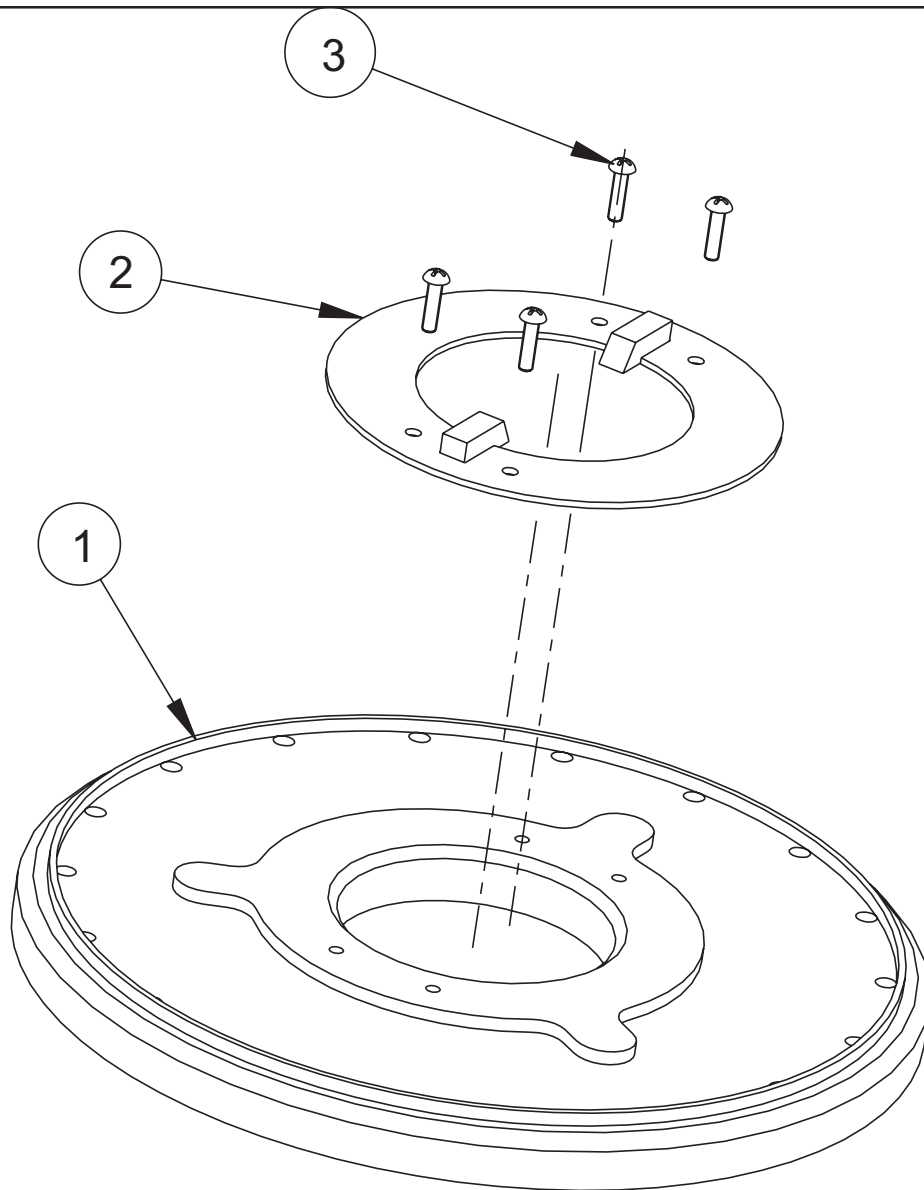
C1792/0007

KEY NO.	PART NUMBER	DESCRIPTION	QTY.
1	8-82-00064	Switch - Seat	1
2	2-00-00491	Grommet	1
3	0875-126	Assy-Wire, Seat Switch	1
4	2-00-04564	Clamp	1
5	2-00-01128	Terminal - Butt Splice	1
6	2-00-04281	Terminal - Ring Terminal	1
7	2-00-04345	Ty-raps	10

SEAT SWITCH HARNESS NOTES:

- 1) After sliding seat all the way to the rear pull seat switch tight through grommet.
- 2) Route seat switch harness under seat, through grommet, and attach to existing machine harness
Using ty-raps as needed.
- 3) Coil extra wire from seat switch harness and tie with ty-raps.

C1792/0007



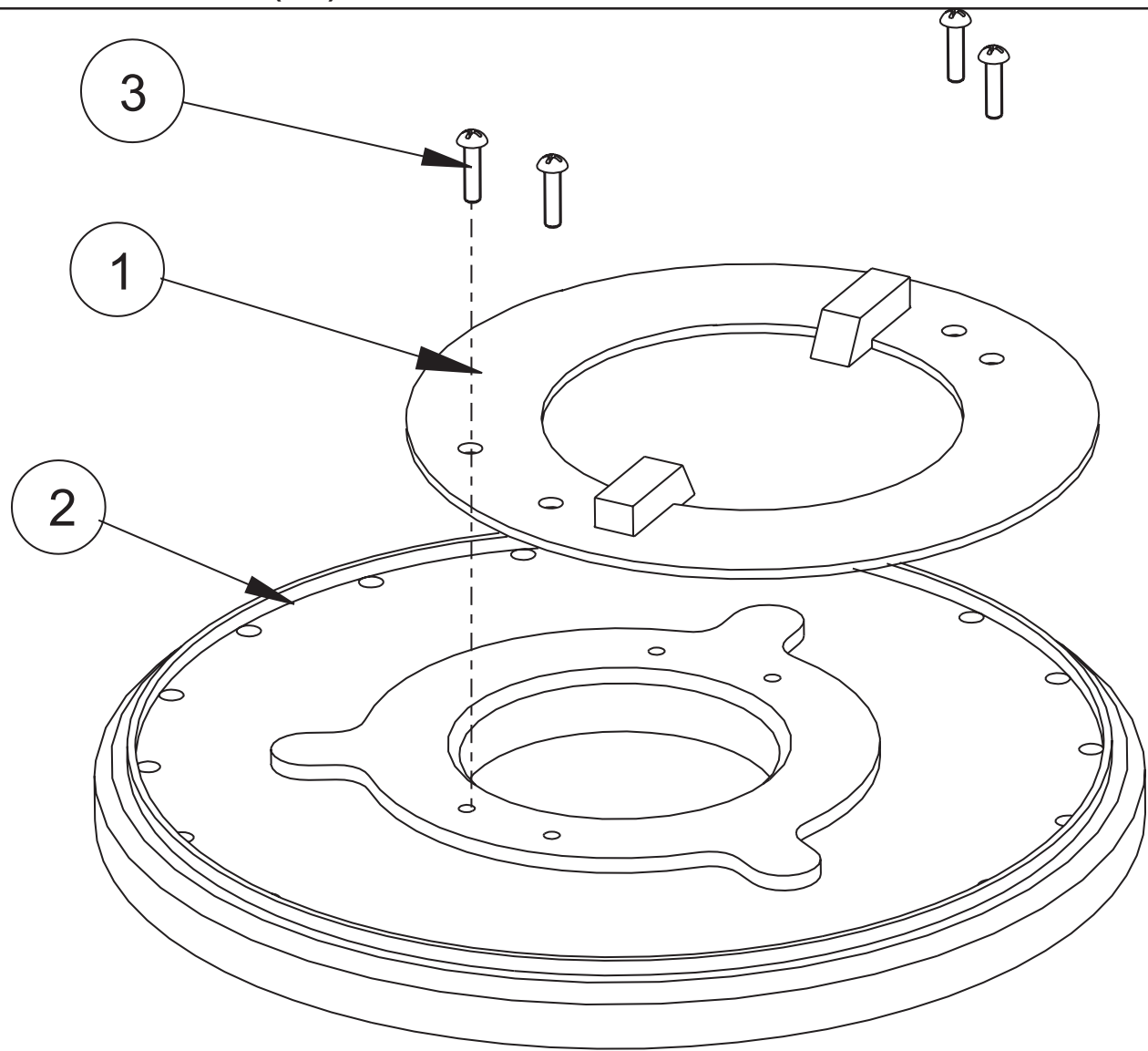
C1741/9707

OPTION NO. 0780-434

<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	7-19-02035	Disc - Driver	1
2	7-20-00010	Pad Driver - 16" Diameter	1
3	2-00-00081	Screw, 1/4-20 x 1.000 RHM	4

C1741/9707

PAD DRIVER OPTION (18")

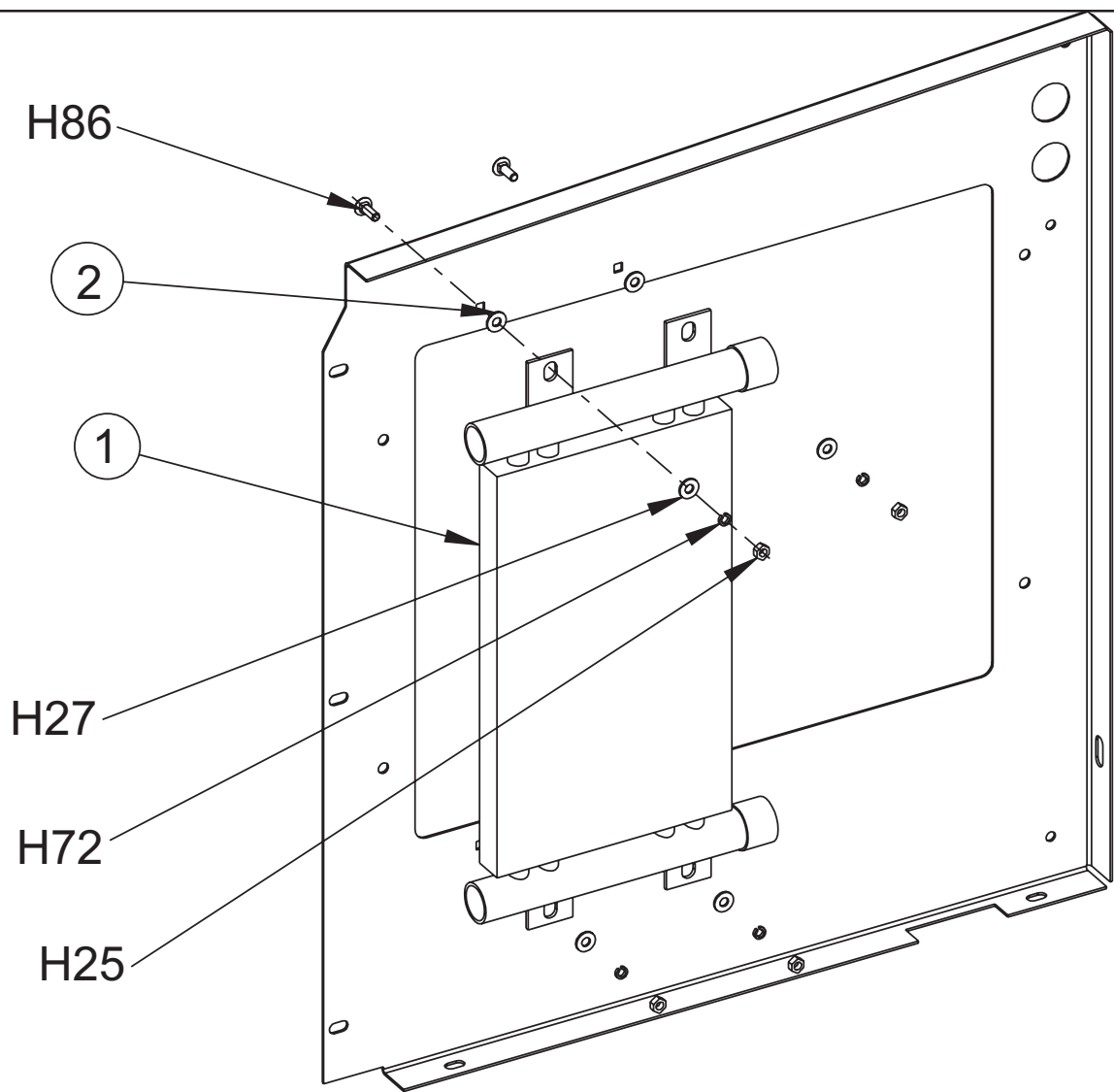


C1741b/9707

OPTION NO. 0780-445

<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	7-19-02035	Disc - Driver 18"	1
2	7-20-00012	Pad Driver - 18"	1
3	2-00-00081	Screw, 1/4-20 x 1.000 HHC	4

C1741b/9712



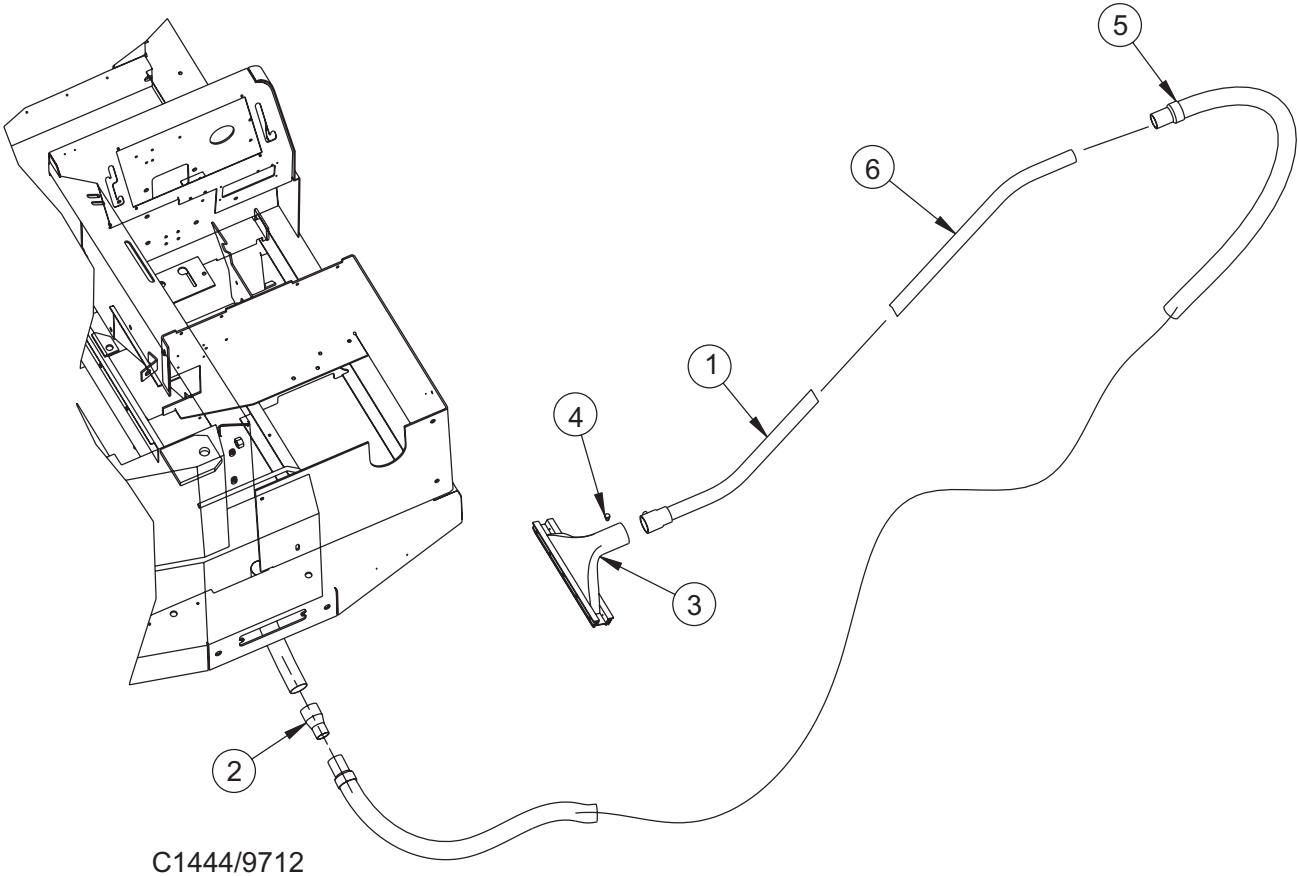
C1695/9704

OPTION NO. 0780-416

KEY NO.	PART NUMBER	DESCRIPTION	QTY.
1	8-62-01012	Oil cooler	1
2	2-00-05028	Washer, Rubber Seal	4
HARDWARE USED:			
H25	2-00-00594	Nut, Hex 1/4-20 x .437 x .218	4
H27	2-00-03702	Washer, .625 x .281 x .063	4
H72	2-00-00518	Lock Washer, Helical Spring	4
H86	2-00-05375	Carriage bolt, 1/4-20 x .750	4

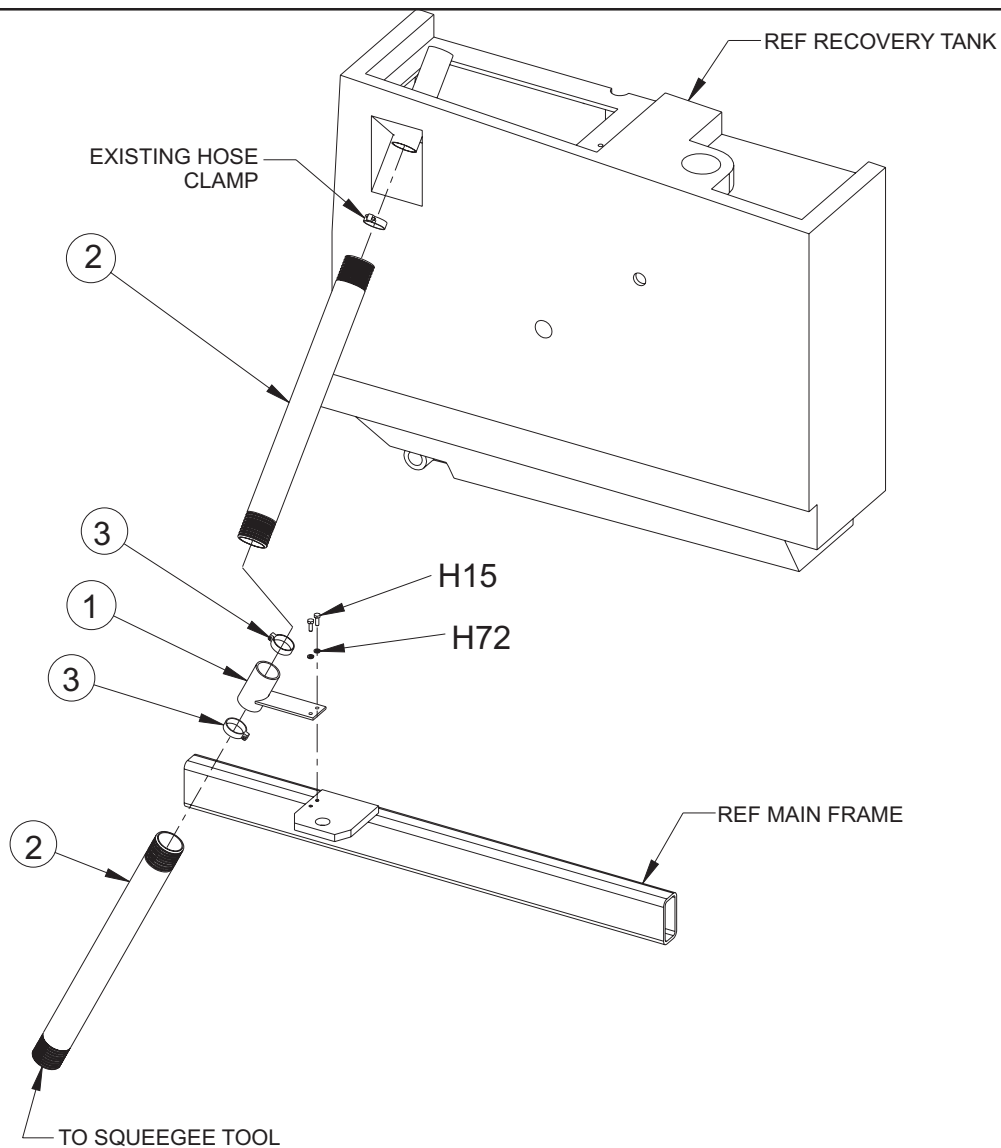
C1695/9704

VACUUM WAND OPTION



<u>KEY NO.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	0261-026	Lower Wand (includes Key #6)	1
2	7-03-00044	Hose Adapter	1
3	0261-028	Squeegee Tool	1
4	7-55-08128	Pin	Ref.
5	7-33-02213	Hose, 1 ½ x 15'	1
6	0261-027	Lower Wand	1

C1444/9804



C1788/9807

KEY NO.	PART NUMBER	DESCRIPTION	QTY
1	7-25-02097	Fitting-Vac. Hose Coupling (Welded)	1
2	7-33-02386	Hose-Vacuum	2
3	2-00-02216	Hose Clamp	2

HARDWARE USED:

H15	2-00-00221	Screw, 1/4-20 x .750 HHC	2
H72	2-00-00518	Lock Washer, Helical Spring	2

C1788/9807

SPARE PARTS LIST - ATS 46" MACHINE

46" BROOM and HOPPER CHAMBER COMPONENTS

7-25-08070	Hopper Flap	1
7-25-08071	Flap - BC Outer	1
7-25-08072	Flap - BC Inner	1
8-29-00257	Gasket	1
8-29-00232	Gasket	1
8-29-00234	Gasket	1
8-29-00233	Gasket	3
8-21-04048	Edging	2
8-29-00256	Gasket	1
7-21-03003	Edging	3
7-21-04031	Edging	1
8-25-08212	Flap Door	2
8-24-04148	Dust Filter Element	1

46" SQUEEGEE COMPONENTS

7-77-00109	Outer Rubber Squeegee	1
7-77-00110	Inner Rubber Squeegee	1
7-77-00111	Side Squeegee Outer Rubber	2
7-77-00114	Side Squeegee Inner Rubber	2

SPARE PARTS LIST - ATS 53" MACHINE

OPTION NO. 0760-515 53" BROOM and HOPPER CHAMBER COMPONENTS

7-25-08070	Hopper Flap	1
7-25-08071	Flap - BC Outer	1
7-25-08072	Flap - BC Inner	1
8-29-00257	Gasket	1
8-29-00232	Gasket	1
8-29-00234	Gasket	1
8-29-00233	Gasket	3
8-21-04048	Edging	2
8-29-00256	Gasket	1
7-21-03003	Edging	3
7-21-04031	Edging	1
8-25-08212	Flap Door	2
8-24-04148	Dust Filter Element	1

53" REAR SQUEEGEE COMPONENTS

7-77-00105	Outer Swing Squeegee Rubber	1
7-77-00115	Inner Swing Squeegee Rubber	1
7-77-00112	Outer Side Squeegee Rubber	2
7-77-00113	Inner Side Squeegee Rubber	2

OPTION 0780-418 53" SCRUB DECK & SQUEEGEE

7-86-08041	Squeegee-Weldment	1	7-33-02359	Hose-6"	1
7-20-06010	Duct-Squeegee Inlet	1	7-33-02361	Hose - 17"	1
7-75-01164	Spacer-Bushing	2	7-42-05132	Link - Side Squeegee	2
7-75-01169	Spacer-Squeegee	2	7-30-08016	Guide - Brush Frame Arm	1
7-77-00110	Squeegee-Rubber-Inner	1	7-76-00114	Spring	1
7-77-00109	Squeegee-Rubber-Outer	1	7-33-00360	Hose - 8"	2
7-79-00088	Strap-Squeegee Clamp	1	7-33-09031	Hub-Brush Drive	3
7-13-07157	Clamp-End Squeegee	2	7-03-04123	Arm-Brush Drive	3
7-13-07156	Clamp-Nut	2	7-78-05026	Stop-Scrub Frame RH	1
7-39-00026	Knob-Squeegee	4	7-78-05025	Stop-Scrub Frame LH	1
7-89-08073	Wheel-Caster	2	7-08-00437	Welding Tee	1
7-27-07181	Brush Deck Weldment	1	7-33-02339	Hose-22"	1
7-42-05135	Link - Brush RH	1	7-86-08042	LH Side Squeegee Tool	1
0782-111	Motor-Hyd	Ref	7-86-08043	RH Side Squeegee Tool	1
7-57-05039	Pivot Brush Drive	2	7-77-00113	Rubber Inner Side Squ.	2
7-42-05134	Link - Brush Frame LH	1	7-77-00112	Rubber Outer Side Squ.	2
7-41-00027	Latch-Brush Drive	3	7-13-07175	Clamp RH Side Squeegee	1
7-25-02012	Fitting - Straight Barb	1	7-13-07174	Clamp RH Side Squeegee	1
7-55-08151	Pin-Lock	2			

SPARE PARTS LIST - ATS 46" BATTERY MACHINE

BROOM and HOPPER CHAMBER COMPONENTS

7-25-08070	Hopper Flap	1
7-25-08071	Flap - BC Outer	1
7-25-08072	Flap - BC Inner	1
8-29-00257	Gasket	1
8-29-00232	Gasket	1
8-29-00234	Gasket	1
8-29-00233	Gasket	3
8-21-04048	Edging	2
8-29-00256	Gasket	1
7-21-03003	Edging	3
7-21-04031	Edging	1
8-25-08212	Flap Door	2
8-24-04148	Dust Filter Element	1

SQUEEGEE COMPONENTS

7-77-00109	Outer Rubber	1
7-77-00110	Inner Rubber	1
7-77-00111	Side Sq. Outer Rubber	2
7-77-00114	Side Sq. Inner Rubber	2

DRIVE BELT

2-00-05409	Belt, Pump Drive	1
2-00-01056	Belt, Broom Drive	1

SPARE PARTS LIST - ATS 53" BATTERY MACHINE

BROOM and HOPPER CHAMBER COMPONENTS

7-25-08070	Hopper Flap	1
7-25-08071	Flap - BC Outer	1
7-25-08072	Flap - BC Inner	1
8-29-00257	Gasket	1
8-29-00232	Gasket	1
8-29-00234	Gasket	1
8-29-00233	Gasket	3
8-21-04048	Edging	2
8-29-00256	Gasket	1
7-21-03003	Edging	3
7-21-04031	Edging	1
8-25-08212	Flap Door	2
8-24-04148	Dust Filter Element	1

SQUEEGEE COMPONENTS

7-77-00105	Outer Swing Squeegee Rubber	1
7-77-00115	Inner Swing Squeegee Rubber	1
7-77-00112	Outer Side Squeegee Rubber	2
7-77-00113	Inner Side Squeegee Rubber	2

DRIVE BELTS

2-00-05409	Belt, Pump Drive	1
2-00-01056	Belt, Broom Drive	1

ADJUSTING CASTERS	1-51
ADJUSTING THE BRAKE PEDAL	1-48
ADJUSTING THE BRAKES	1-48
ADJUSTING THE DUST FLAPS	1-47
ADJUSTING THE MAIN BROOM HEIGHT	1-44
ADJUSTING THE SIDE BROOM HEIGHT	1-45
AIR FILTER	1-52
AIR INTAKE SYSTEM	1-52
AMBER SAFETY LIGHT OPTION WITH OVERHEAD GUARD	3-18
AMBER SAFETY LIGHT OPTION WITHOUT OVERHEAD GUARD	3-19
BACK-UP ALARM OPTION	3-14
BACK-UP ALARM SWITCH	1-28
BATTERY	1-55
BATTERY CHARGING INSTRUCTIONS	1-38
BATTERY CONDITION METER	1-28
BATTERY ELECTRICAL ASSEMBLY - GAS, LP, DIESEL	2-148
BATTERY POWERED MACHINE PREPARATION	1-15
BATTERY POWERED MACHINES	1-39
BEFORE STARTING THE ENGINE	1-36
BRAKE PEDAL	2-74
BRAKES	1-48
BROOM CHAMBER FLAPS & SEALS	2-18
BRUSHES OPTION	3-10
CHANGING THE LP TANKS	1-60
CHARGING SYSTEM LIGHT (WARNING LIGHT)	1-25
CHECKING THE DUST CONTROL FILTER	1-46
CHECKING THE DUST FLAPS	1-47
CHECKING THE HOPPER SEALS	1-46
CHECKING THE MAIN BROOM SWEEP PATTERN	1-44
CHECKING THE SIDE BROOM SWEEP PATTERN	1-45
CHOKE	1-19
CLEANING THE AIR FILTER ELEMENT	1-53
CLEANING THE DUST CONTROL FILTER	1-46
CLEANING THE HOPPER	1-46
CLEANING THE HYDRAULIC SYSTEM	1-49
CLOGGED FILTER LIGHT (WARNING LIGHT)	1-25
CLOGGED FILTER OPTION	3-33
CONSOLE	2-92
COOLANT LEVEL	1-54
COOLING SYSTEM	1-54
COVERS AND LATCHES	1-50
DECALS	2-158
DECIMAL - METRIC CONVERSION TABLE	1-13
DETERGENT FLOW KNOB	1-32
DETERGENT LOW WARNING LIGHT	1-32
DRIVE BELTS	1-55
DUST CAP	1-54
DUST CONTROL	1-35
DUST CONTROL FILTER	1-46
DUST CONTROL SWITCH	1-23
DUST FLAPS	1-47

INDEX

ELECTRICAL ASSEMBLY - BATTERY	2-146
ELECTRICAL ASSEMBLY POWER PANEL - BATTERY	2-152
ELECTRICAL HARNESS ROUTING - DIESEL	2-156
ELECTRICAL HARNESS ROUTING - GAS	2-155
ELECTRICAL SCHEMATIC DIAGRAMS	1-64
EMPTYING THE DEBRIS HOPPER	1-37
ENGINE COMPARTMENT LATCH	1-29
ENGINE COVERS - BATTERY	2-128
ENGINE COVERS - GAS/DIESEL	2-130
ENGINE OIL PRESSURE LIGHT (WARNING LIGHT)	1-25
ENGINE SPEED SWITCH	1-20
ENGINE TEMPERATURE LIGHT (WARNING LIGHT)	1-25
ESP RECYCLING CONTROL PANEL	1-32
ESP RECYCLING SYSTEM ON/OFF SWITCH	1-32
ESP SYSTEM OPERATING INSTRUCTIONS	1-32
ESP/AUTOFIL OPTION	3-20
ESP/AUTOFIL WIRING - BATTERY	3-26
ESP/AUTOFIL WIRING - GAS/DIESEL	3-28
FILLING THE HYDRAULIC RESERVOIR	1-49
FILTER PANEL LATCH	1-29
FILTER SHAKER	2-88
FILTER SHAKER SWITCH	1-21
FIRE EXTINGUISHER	3-30
FLAME ARRESTING GAS CAP	3-31
FOOT BRAKE	1-26
FORD 413 GAS ENGINE	2-136
FRAME	2-80
FRONT BUMPER	2-69
FRONT WHEEL	2-70
FUEL GAUGE	1-20
FUEL SYSTEM - DIESEL	2-134
FUEL TANK - DIESEL	2-133
FUEL TANK - GAS	2-132
FORWARD/REVERSE CONTROL - BATTERY	2-78
FORWARD/REVERSE CONTROL - GAS/DIESEL	2-76
FORWARD/REVERSE FOOT PEDAL	1-26
GAS TANK	1-55
GASOLINE POWERED MACHINES	1-39
GENERAL MACHINE MAINTENANCE	1-49
GENERAL TROUBLESHOOTING	1-62
GLOW PLUG SWITCH	1-21
HEAVY DUTY AIR CLEANER OPTION	3-32
HELPFUL HINTS FOR CLEANING OPERATION	1-40
HOPPER	1-46
HOPPER (LOW DUMP)	2-26
HOPPER (VARIABLE DUMP)	2-22
HOPPER CONTROL CHECK VALVE HYD. - GAS/DIESEL (VARIABLE DUMP)	2-108
HOPPER CONTROL VALVE - BATTERY (LOW DUMP)	2-34
HOPPER CONTROL VALVE - BATTERY (VARIABLE DUMP)	2-32
HOPPER CONTROL VALVE - GAS/DIESEL (LOW DUMP)	2-35
HOPPER CONTROL VALVE - GAS/DIESEL (VARIABLE DUMP)	2-33
HOPPER DOOR CYLINDER	2-31
HOPPER DOOR LEVER	1-31

HOPPER DUMP DOOR	2-30
HOPPER DUMP DOOR HYDRAULICS	2-107
HOPPER DUMP DOOR LEVER	1-27
HOPPER FILTER COMPARTMENT COVER	1-31
HOPPER LID/COVER (LOW DUMP)	2-29
HOPPER LID/COVER (VARIABLE DUMP)	2-28
HOPPER LIFT HYDRAULICS	2-106
HOPPER LIFT LEVER	1-31
HOPPER LIFT LEVER	1-27
HOPPER SAFETY ARM	1-21
HOPPER SAFETY LOCK ARM	1-32
HOPPER TEMPERATURE LIGHT (WARNING LIGHT)	1-25
HOPPER TEMPERATURE SENSOR	1-29
HOPPER THERMO-SENSOR SHUTDOWN OPTION	3-12
HORN BUTTON	1-19
HOURLY METER	1-20
HYDRAULIC CYLINDER CONTROL VALVE - GAS/DIESEL	2-122
HYDRAULIC FORWARD/REVERSE VALVE	2-117
HYDRAULIC HOSE DIAGRAM - GAS/DIESEL (LOW DUMP)	2-102
HYDRAULIC HOSE DIAGRAM - GAS/DIESEL (VARIABLE DUMP)	2-100
HYDRAULIC MAIN CONTROL VALVE - GAS/DIESEL	2-120
HYDRAULIC PUMP - GAS/DIESEL	2-118
HYDRAULIC RESERVOIR - BATTERY	2-113
HYDRAULIC RESERVOIR (PISTON PUMP)	2-114
HYDRAULIC RESERVOIR LEVEL SIGHT GAUGE	1-30
HYDRAULIC RETURN BLOCK	2-124
HYDRAULIC SCHEMATICS	1-66
HYDRAULIC TORQUE REQUIREMENTS	1-12
INDEX	3-57
INSPECTING THE AIR FILTER ELEMENT	1-54
INSTRUMENT PANEL - BATTERY	2-150
KEY SWITCH	1-20
LIGHT SWITCH	1-19
LOW DUMP HOPPER	1-27
LOWER DOOR	2-20
LP CHECKLIST	1-59
LP FUEL TANK	1-56
LP FUEL TANKS	1-59
LP GAS COMPONENTS	1-58
LP GAS SYSTEM	1-56
LP GAS VAPORIZER - REGULATOR QUICK CHECK	1-56
LP LIQUID WITHDRAWAL SYSTEM	1-58
LP OPTION - CARBURETOR ASSEMBLY	3-43
LP OPTION - REGULATOR/LOCK-OFF ASSEMBLY	3-40
LP OPTION - RELIEF VALVE ASSEMBLY	3-42
LP OPTION - TANK ASSEMBLY	3-38
LP SAFETY PRECAUTIONS	1-57
LP TANK CARE	1-60
MACHINE CONNECTION DIAGRAMS	1-65
MACHINE DIMENSIONS	1-10
MACHINE PREPARATION	1-14

INDEX

MACHINE STORAGE	1-39
MAIN BROOM	1-44
MAIN BROOM ADJUSTMENT	1-22
MAIN BROOM COMPARTMENT DOORS	1-30
MAIN BROOM DRIVE - BATTERY	2-6
MAIN BROOM DRIVER	2-9
MAIN BROOM HYDRAULICS	2-104
MAIN BROOM IDLER	2-10
MAIN BROOM LEVEL ADJUSTMENT	1-44
MAIN BROOM LEVER	1-22
MAIN BROOM LEVER ASSEMBLY	2-4
MAIN BROOM LIFT	2-8
MUFFLER - GAS	2-140
MUFFLER AND ALTERNATOR MOUNTING - DIESEL	2-142
NEUTRAL ADJUSTMENT	1-56
NON-RECYCLING OR STANDARD SCRUBBING SYSTEM, THE - HOW IT WORKS	1-33
OIL COOLER OPTION	3-49
OPERATING INSTRUCTIONS	1-35
OPERATION OF CONTROLS AND GAUGES	1-19
OPTIONS	
ORDERING PARTS	1-67
OVERHEAD GUARD OPTION	3-16
PAD DRIVER OPTION, 16"	3-47
PAD DRIVER OPTION, 18"	3-48
PARKING BRAKE	1-26
TABLE OF CONTENTS - CHAPTER TWO	2-2
HARDWARE LEGEND	1-61
PERKINS 104.19 DIESEL ENGINE	2-138
POST-OPERATION CHECKLIST	1-37
POWER PANEL ASSEMBLY CONNECTION DRAWING - BATTERY	2-154
PREPARING THE MACHINE FOR OPERATION	1-14
PRE-START CHECKLIST	1-36
PUMP ASSEMBLY, WHEEL DRIVE - BATTERY	2-96
RADIATOR	1-54
RADIATOR AND SHROUD - DIESEL	2-145
RADIATOR AND SHROUD - GAS	2-144
REAR SQUEEGEE	1-51
REAR SQUEEGEE (46")	2-55
REAR WHEEL ASSEMBLY	2-72
REAR WORK LIGHT OPTION	3-16
RECOVERY DRAIN SYSTEM	2-68
RECOVERY HIGH LIGHT (WARNING LIGHT)	1-25
RECOVERY HIGH WARNING LIGHT	1-50
RECOVERY OR ESP SYSTEM - HOW IT WORKS	1-34
RECOVERY TANK	2-66
RECYCLING OR ESP/AUTOFIL SYSTEM	1-24
RECYCLING PUMP ESP SYSTEM	1-51
RECYCLING PUMP STORAGE	1-51
REMOVING THE AIR FILTER ELEMENT	1-53
REPLACING THE AIR FILTER ELEMENT	1-52
REPLACING THE DUST CONTROL FILTER	1-47
REPLACING THE MAIN BROOM	1-44

REPLACING THE RETURN FILTER ELEMENT	1-49
REPLACING THE SCRUB BRUSH	1-50
REPLACING THE SIDE BROOM	1-45
RETRACTABLE SEATBELT OPTION	3-43
ROLL-OUT BATTERY (800 AH OPTION)	3-3
 SAFETY ARM	2-90
SAFETY ARM (LOW DUMP)	2-91
SAFETY INSTRUCTIONS	1-16
SCRUB DECK (46") - BATTERY	2-36
SCRUB DECK (46") - GAS/DIESEL	2-39
SCRUB DECK & SQUEEGEE (53") - BATTERY	2-42
SCRUB DECK & SQUEEGEE (53") - GAS/DIESEL	2-50
SCRUB DECK HEAVY PRESSURE SWITCH	1-23
SCRUB DECK HYDRAULICS	2-109
SCRUB DECK LIFT HYDRAULICS - BATTERY	2-110
SCRUB DECK LIFT HYDRAULICS - GAS/DIESEL	2-111
SCRUB DECK SWITCH	1-23
SCRUBBING SYSTEM, THE - HOW IT WORKS	1-33
SEAT AND FLOOR ASSEMBLY	2-94
SEAT COMPARTMENT COVER	1-30
SEAT COMPARTMENT PROP LATCH	1-21
SEAT POSITION ADJUSTMENT	1-20
SEAT SWITCH KIT	3-46
SERVICE CHART	1-41
SERVICE INSTRUCTIONS	1-44
SERVICE PRECAUTIONS	1-43
SIDE BROOM	1-45
SIDE BROOM ASSEMBLY	2-12
SIDE BROOM - BATTERY	2-11
SIDE BROOM ADJUSTMENT	1-22
SIDE BROOM HYDRAULICS	2-105
SIDE BROOM LEVER	1-22
SIDE BROOM LEVER ASSEMBLY	2-14
SIDE BROOM LIFT SYSTEM	2-16
SIDE BROOM OPTION (LOW DUMP)	3-4
SIDE BROOM PULLEY	2-13
SIDE SQUEEGEES (46")	2-54
SOLUTION CONTROL	1-50
SOLUTION CONTROL	1-24
SOLUTION FEED	2-64
SOLUTION HIGH WARNING LIGHT	1-32
SOLUTION LOW LIGHT (WARNING LIGHT)	1-25
SOLUTION LOW WARNING LIGHT	1-50
SOLUTION TANK	2-62
SPARE PARTS KIT - ATS 46 BATTERY	3-52
SPARE PARTS KIT - ATS 46" MACHINE	3-54
SPARE PARTS KIT - ATS 53 BATTERY	3-55
SPARE PARTS KIT - ATS 53" MACHINE	3-53
SPARE PARTS KIT - GAS/LP/DIESEL MACHINE	3-56
SPECIFICATIONS	1-7
SPRAY WAND OPTION	3-34
SQUEEGEE CASTER WHEELS	1-51
SQUEEGEE LIFT - BATTERY	2-56
SQUEEGEE LIFT - GAS/DIESEL	2-58
SQUEEGEE LIFT HYDRAULICS	2-112

INDEX

SQUEEGEE SWITCH	1-23
STANDARD HARDWARE & TORQUE VALUES	1-11
STARTING BATTERY MACHINES	1-36
STARTING DIESEL ENGINES	1-37
STARTING GAS ENGINES	1-36
STARTING PROPANE ENGINES	1-36
STEERING 90° - 90° HYDRAULICS	2-127
STEERING COLUMN	2-82
STORING LP FUEL TANKS	1-60
SUSPENSION SEAT OPTION	3-45
SWING SQUEEGEE SUPPORT	2-60
THROTTLE	1-28
TURN SIGNAL	1-28
USE AND CARE OF LP TANKS	1-60
VAC FAN - BATTERY	2-84
VAC FAN - GAS/DIESEL	2-85
VAC FAN HOPPER HYDRAULICS	2-126
VAC HOSE SERVICE KIT	3-51
VAC MOTOR MANIFOLD	2-86
VACUUM WAND OPTION	3-50
VARIABLE DUMP SWEEPING & DUST CONTROL SYSTEMS, THE - HOW THEY WORK	1-34
WARNING BANK	1-25
WARRANTY	3-63
WET SWEEP BYPASS/THERMO SENSOR OPTION	3-36
WHEEL DRIVE HYDRAULICS	2-116
WHEEL WELL FLAP	2-71

**AMERICAN-LINCOLN TECHNOLOGY
RIDER SWEEPER / SCRUBBER
"BUMPER-TO-BUMPER" LIMITED WARRANTY**

I. COVERAGE

A. Subject to the terms and limitations stated herein, American-Lincoln warrants, to the original purchaser only, to repair or replace, at its option and upon the terms set out below, this product or any parts thereof (excluding normal maintenance items) which are defective in materials or workmanship, for a period of (2) two years or 2,000 hours of normal operation from the date of purchase, whichever comes first, provided that the product is operated and maintained in accordance with American-Lincoln's Maintenance and Operations Instruction.

1. (a) During the first (90) ninety days from the date of purchase, American-Lincoln will provide, without charge, parts and on-site labor (including up to three (3) hours total round-trip travel time) to remedy a defective product or part.

(b) During the next (9) nine months or 1,000 hours (whichever come first) American-Lincoln will provide, without charge, parts and labor to remedy a defective product or part; however all travel time for on-site remedy and all shipping and freight charges for off-site remedy of the product or parts thereof shall be the sole responsibility of the purchaser.

(c) During the next (12) twelve months or a total of 2000 hours (whichever comes first) American Lincoln will provide, without charge, parts to remedy a defective product or part, however all labor, travel time for on-site remedy and all shipping and freight charges for off-site remedy of the product or parts thereof shall be the sole responsibility of the purchaser.

B. In addition to the terms listed above, if applicable, the following additional warranty coverage is applied.

1. (a) American-Lincoln warrants to the original purchaser only, to repair or replace, at its option and upon the terms set out below, the drive line electrical components including the electric drive propulsion motor, electric wheel drive motor and electronic drive controller, and all hydraulic pumps and motors, to provide replacement parts which are defective in material or workmanship, for a period of (3) years or 3000 hours (whichever comes first) provided that the product is operated and maintained in accordance with American-Lincoln's Maintenance and Operations Instruction.

(b) American Lincoln warrants to the original purchaser only, to repair or replace, at its option and upon the terms set out below, the internal combustion liquid cooled engine, to provide replacement parts which are defective in material or workmanship, for a period of (5) five years or unlimited hours of normal operation. All labor, travel time, shipping and freight charges shall be the sole responsibility of the purchaser.

(c) American-Lincoln, warrants to the original purchaser only, to repair or replace, at its option and upon the terms set out below, the main frame, debris hopper, solution tank, and the recovery tank, for the life of the machine against failure caused by defects in workmanship or total rust through. For purposes of this coverage, cosmetic deterioration or surface rust does not constitute a failure.

(d) American-Lincoln, warrants to the original purchaser only, to repair or replace, at its option and upon the terms set out below, the batteries which becomes unserviceable under normal use within a period of ninety (90) days from date of sale to the original user with new batteries of equal value. After expiration of the above ninety (90) day period, any battery which fails under normal use will be adjusted to the original user with a new battery of equal specifications on an eighteen (18) months pro rate basis from the date of purchase. Adjustment will be determined using the then current list price, plus transportation costs. Warranty is rendered NULL and Void if battery is not kept filled to the proper level with DISTILLED WATER.

II. EXCLUSIONS

- This warranty **does not** cover normal maintenance parts and labor, including but not limited to, rubber parts, seals, flaps, brushes, engine maintenance parts, hoses, carbon motor brushes, fluids and routine adjustments.
- This warranty **does not** cover damage or failure of the product or any parts thereof which is the result of misuse, negligent operation, handling or repair, or which is the result of modification by any person other than an authorized American-Lincoln service representative.

III. LIMITATIONS

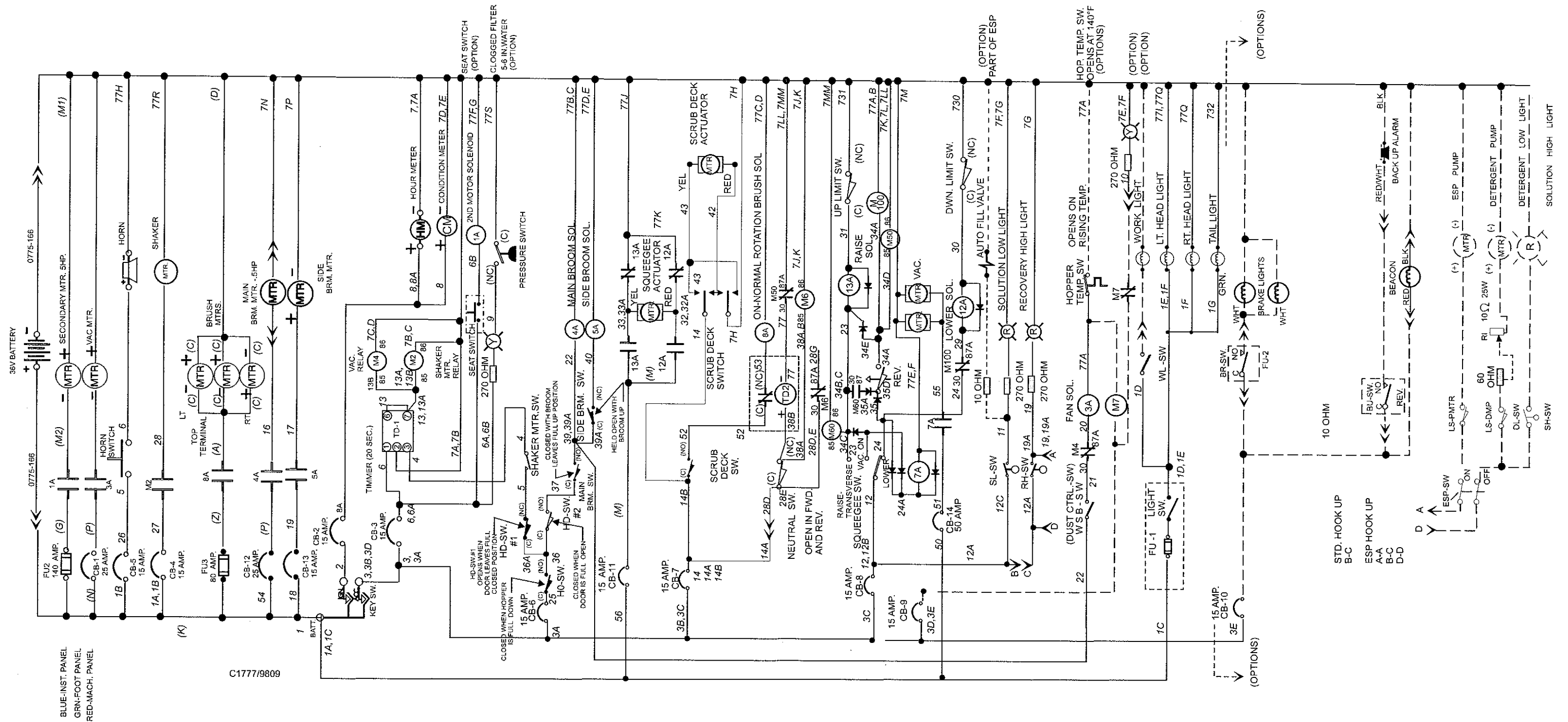
A. AMERICAN-LINCOLN MAKES NO WARRANTIES OTHER THAN THOSE SPECIFIED HEREIN. ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND OF FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED. AMERICAN-LINCOLN LIABILITY UNDER THIS WARRANTY IS LIMITED TO REPAIR AND/OR REPLACEMENT OF PRODUCTS OR PARTS AS SET OUT HEREIN. AMERICAN-LINCOLN SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES WHICH MAY RESULT FROM A PRODUCT OR PART DEFECT OR FAILURE. ANY EXTENSIONS OF OR MODIFICATIONS MADE TO THIS WARRANTY BY A DISTRIBUTOR OF AMERICAN-LINCOLN ARE THE SOLE RESPONSIBILITY OF THE DISTRIBUTOR.

IV. PROCEDURES AND CONDITIONS FOR WARRANTY CLAIMS AMERICAN-LINCOLN SHALL NOT BE LIABLE FOR REPAIR OR REPLACEMENT OF ANY DEFECTIVE PRODUCT OR PART THEREOF UNLESS AND UNTIL THE ORIGINAL PURCHASER FULFILLS THE FOLLOWING CONDITIONS PRECEDENT TO RECOVERY UNDER THIS WARRANTY:

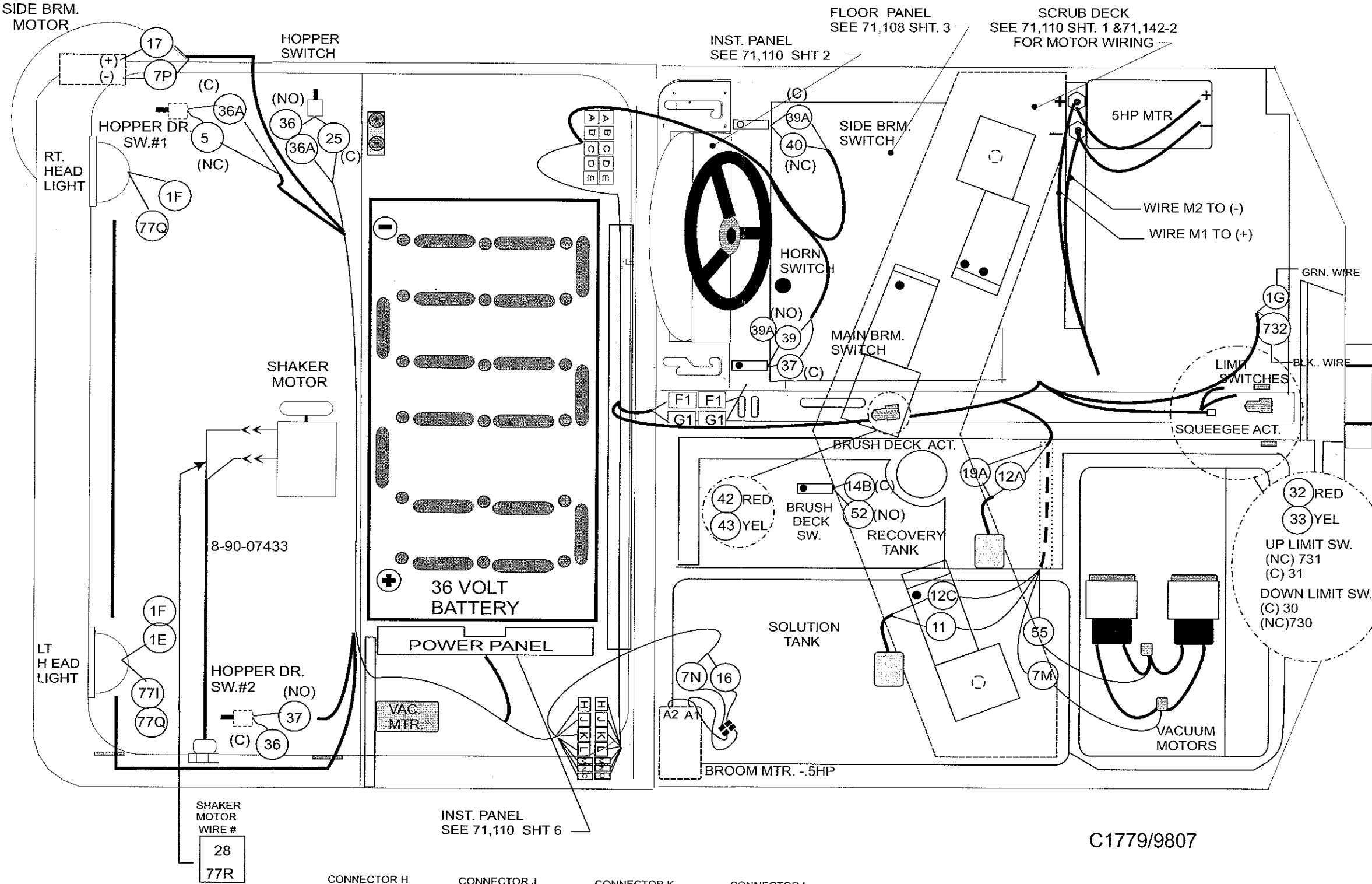
- The original purchaser shall promptly complete and return the warranty and installation registration form included with the product at the time of the purchase;
- Upon product or part failure, the original purchaser shall promptly provide notice thereof to his nearest authorized American-Lincoln Service Representative; and
- The original purchaser shall permit the product or part to be inspected by American-Lincoln or its authorized representatives, as necessary and expenses for shipping or travel time shall be borne by the parties itemized in paragraph I herein above.

American-Lincoln Technology reserves the right to make changes and improvements to its machines without notice. For best results, use only the correct American-Lincoln Service parts.
American-Lincoln Technology

ELECTRICAL SCHEMATIC-ATS 46/53 BATTERY

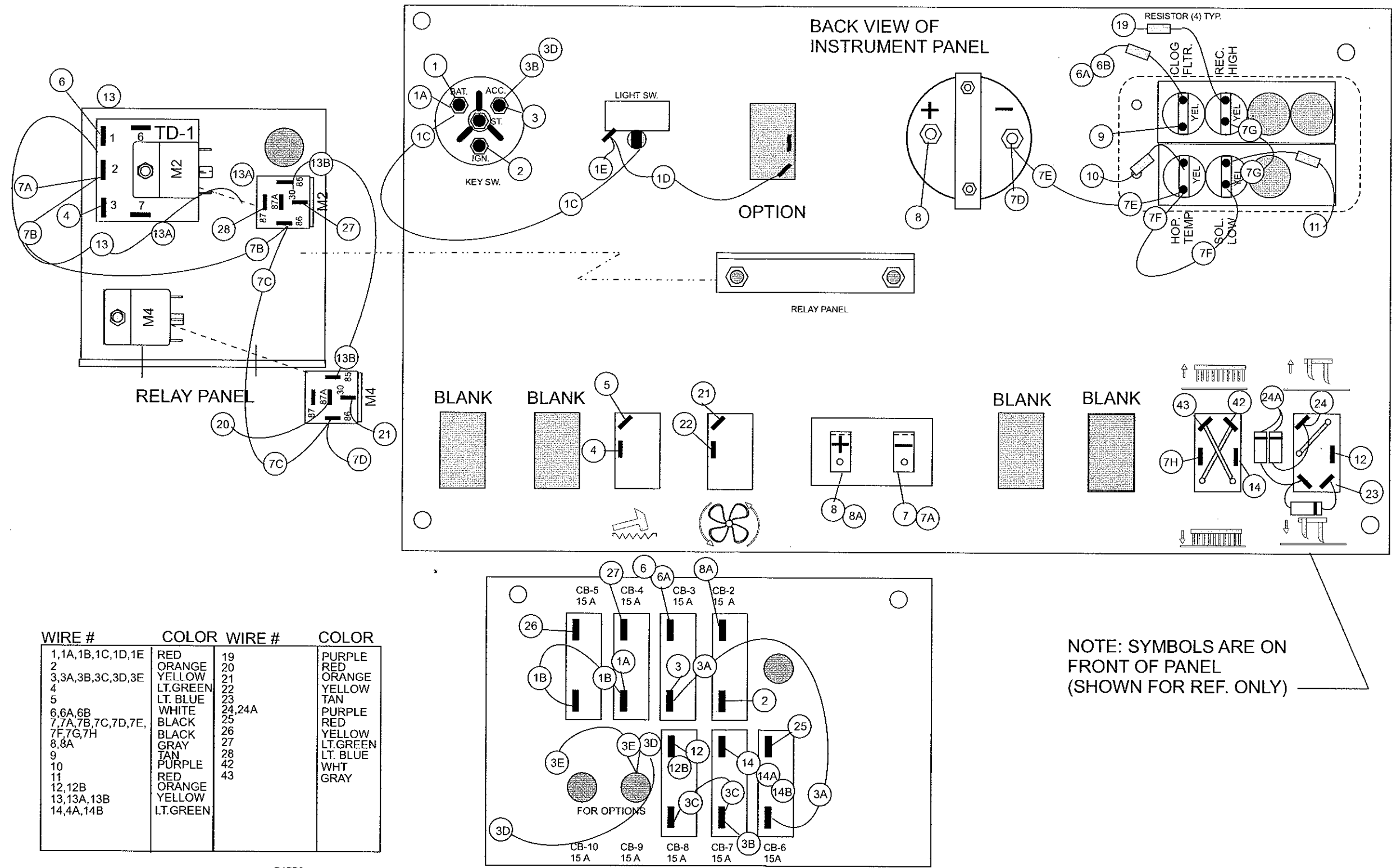


ATS 46/53 BATTERY CONNECTION DRAWING



C1779/9807

INSTRUMENT PANEL CONNECTION DRAWING - ATS 46/53 BATTERY



C1778

NOTE: SYMBOLS ARE ON FRONT OF PANEL (SHOWN FOR REF. ONLY)

ATS 46/53 BATTERY HYDRAULIC SCHEMATIC

