



Electronic Service Manuals

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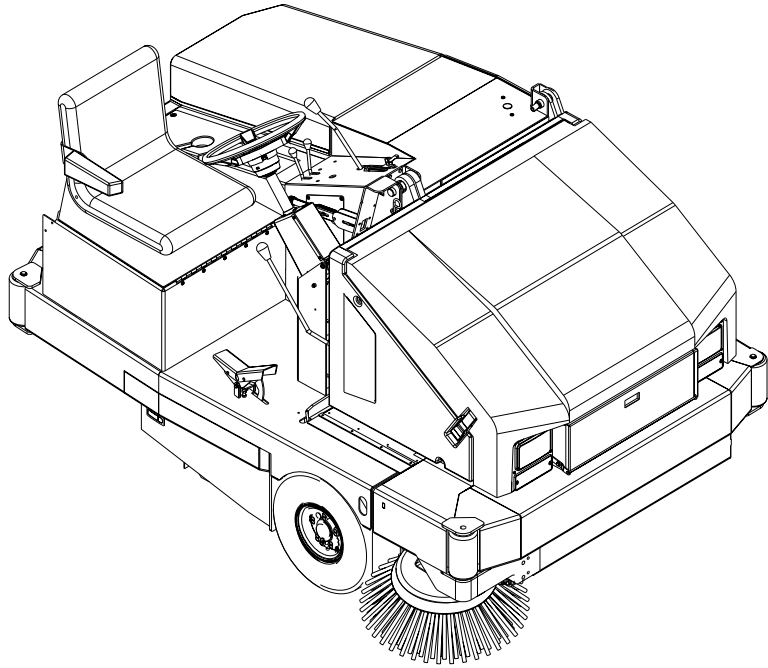
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Retriever™ 6250

SR 1800



PARTS LIST

Advance MODELS 56419420 (propane),

56419421 (gas), 56419422 (diesel)

Nilfisk MODELS 56418004 (propane),

56418005 (gas), 56418006 (dual fuel OBS), 56418007(diesel)

All models covered in this manual are obsolete except the diesel models.



**Nilfisk
Advance**

setting standards

1/03 revised 2/05 FORM NO. 56042443
BOOK F / SECTION 8.9.1

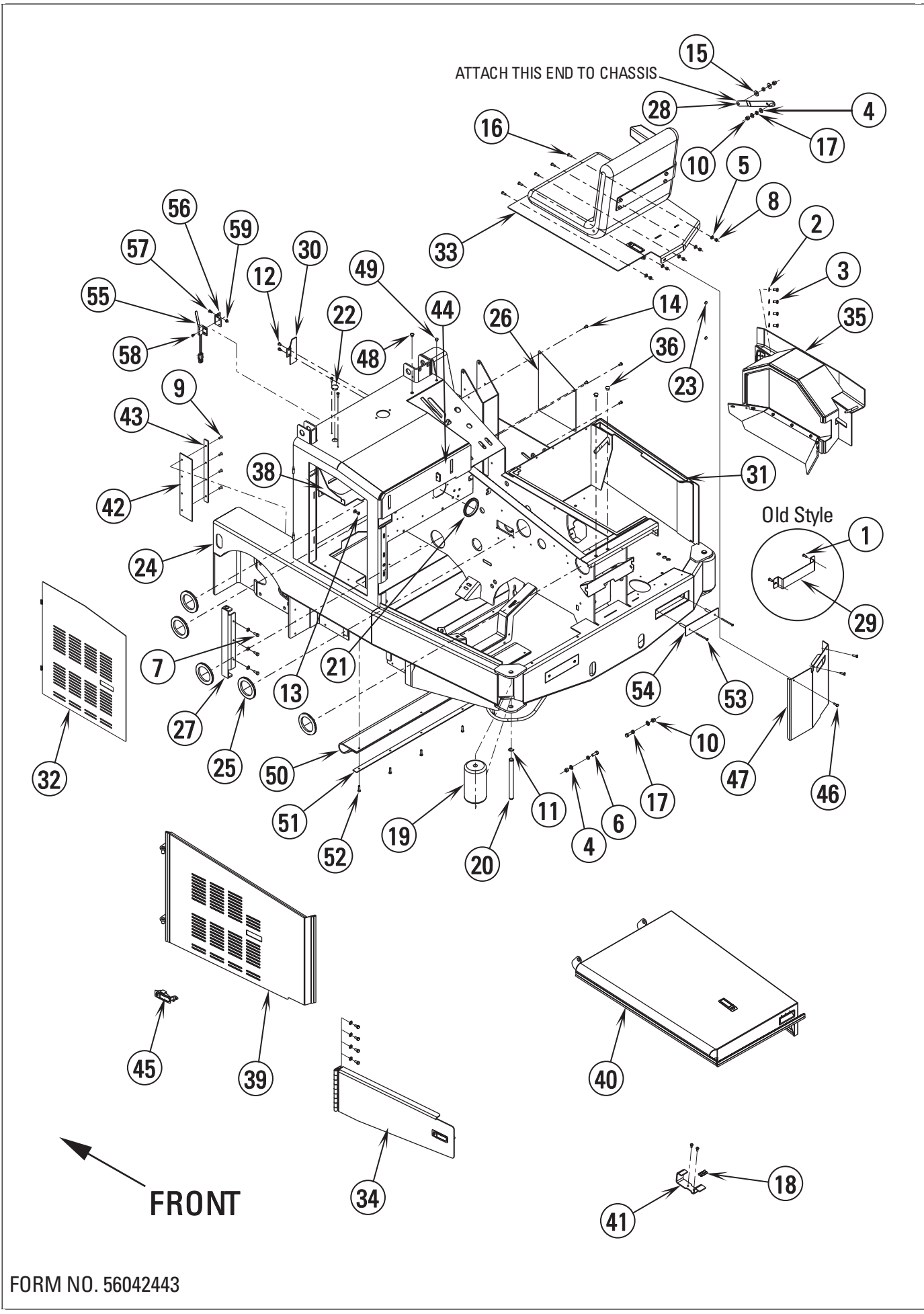
DESCRIPTION	PAGE
CHASSIS SYSTEM-1	F / 8.9.1 / 3
CHASSIS SYSTEM-2	F / 8.9.1 / 5
CHASSIS SYSTEM-3	F / 8.9.1 / 7
CONTROL SYSTEM	F / 8.9.1 / 9
THROTTLE PEDAL ASSEMBLY	F / 8.9.1 / 11
BRAKE LEVER ASSEMBLY	F / 8.9.1 / 13
TILT STEERING ASSEMBLY	F / 8.9.1 / 15
CIRCUIT BREAKER ASSEMBLY (diesel)	F / 8.9.1 / 17
CIRCUIT BREAKER ASSEMBLY (gas/propane/dual fuel) ..	F / 8.9.1 / 19
CONTROL PANEL ASSEMBLY	F / 8.9.1 / 21
DRIVE WHEEL SYSTEM	F / 8.9.1 / 23
SIDE BROOM SYSTEM	F / 8.9.1 / 25
SIDE BROOM SYSTEM (CONTINUED)	F / 8.9.1 / 27
MAIN BROOM SYSTEM	F / 8.9.1 / 29
MAIN BROOM SYSTEM (CONTINUED)	F / 8.9.1 / 31
FRONT WHEEL SYSTEM	F / 8.9.1 / 33
DUST CONTROL SYSTEM	F / 8.9.1 / 35
LINKAGE ASSEMBLY	F / 8.9.1 / 37
HYDRAULIC SYSTEM	F / 8.9.1 / 38-41
HOPPER SYSTEM-1	F / 8.9.1 / 43
HOPPER SYSTEM-2	F / 8.9.1 / 45
DIESEL ENGINE SYSTEM	F / 8.9.1 / 47
DIESEL ENGINE SYSTEM COMPONENTS	F / 8.9.1 / 49
RADIATOR ASSEMBLY (diesel)	F / 8.9.1 / 51
GASOLINE ENGINE SYSTEM	F / 8.9.1 / 53
GASOLINE ENGINE SYSTEM COMPONENTS	F / 8.9.1 / 55
GASOLINE ASSEMBLY	F / 8.9.1 / 57
PROPANE ASSEMBLY	F / 8.9.1 / 59
DUAL FUEL ASSEMBLY	F / 8.9.1 / 61
RADIATOR ASSEMBLY (gas/propane/dual fuel)	F / 8.9.1 / 63
DECAL SYSTEM	F / 8.9.1 / 65
ELECTRICAL DIAGRAM (diesel)	F / 8.9.1 / 66-69
ELECTRICAL DIAGRAM (gas/propane/dual fuel)	F / 8.9.1 / 70-73
RECOMMENDED SPARE PARTS	F / 8.9.1 / 74-75

WHEN ORDERING PARTS

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

Model _____ Serial No. _____

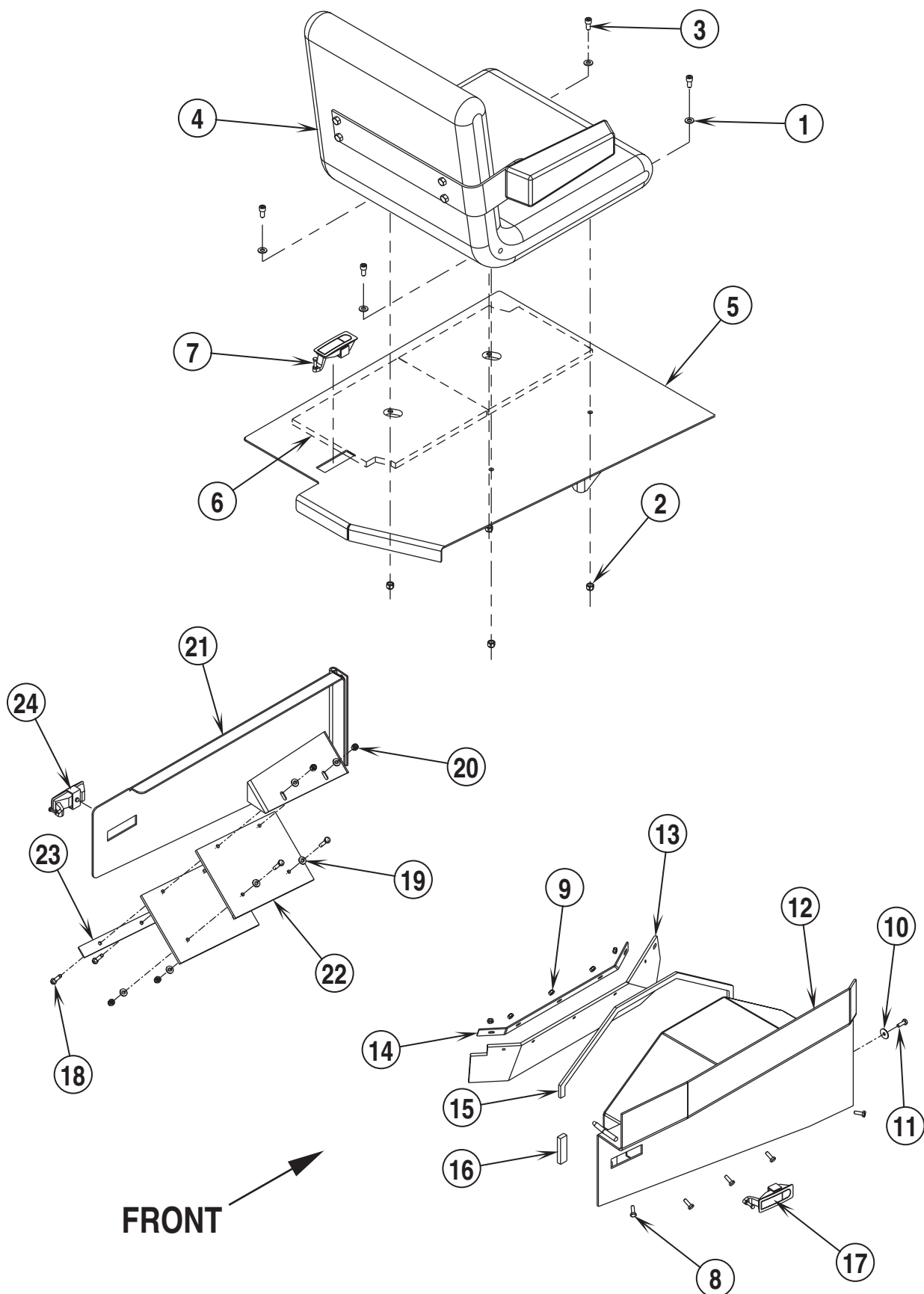
BOOK F			CHASSIS SYSTEM-1	03-1
F	8.9.1	2	Retriever™ 6250 / SR 1800	03-10



03-1	CHASSIS SYSTEM-1	BOOK F		
03-10	Retriever™ 6250 / SR 1800	F	8.9.1	3

Item	Ref. No.	Qty	Description	Item	Ref. No.	Qty	Description
1	56001836	4	Scr, Hex Hd 1/4-20 x .62 (Note 1, SR 1800 only)	47	56419302	1	Panel, Rear (gas & diesel)
2	56001939	11	Wsh, Flt SAE 5/16	48	56419183	1	Plug, Cap
3	56002035	8	Scr, Hex Hd 5/16-18 x .62	49	56153126	1	Plug, Cap
4	56002063	4	Wsh, Flt SAE 3/8	50	56419308	1	Blade, Dump Door Shield (TSB 746, SR 1800 only)
5	56002098	6	Wsh, Flt SAE 1/4	51	56419309	1	Strap, Dump Door Shield (TSB 746, SR 1800 only)
6	56002663	2	Scr, Hex Hd 3/8-16 x 1.00	52	56009182	6	Scr, Hex Thd Form 1/4-20 x 1.00 (TSB 746, SR 1800 only)
7	56002667	3	Scr, Hex Hd 5/16-18 x .75	53	56003648	4	Scr, Pan Phil 10-24 x 2.75 (Note 1, SR 1800 only)
8	56002708	5	Nut, Hex Nyl Loc 1/4-20	54	56419356	2	Taillight Cover Weldment (Note 1, SR 1800 only)
9	56002760	8	Scr, Flt Phil 1/4-20 x .62	55	56418165	1	Switch, Waterproof (Note 2, SR 1800 only)
10	56002769	4	Nut, Hex Nyl Loc 3/8-16	56	56419336	1	Bracket, Switch (Note 2, SR 1800 only)
11	56003266	4	Ring, Ret Ext Type E .75 Dia.	57	56001854	2	Scr, Hex 1/4-20 x .50 (Note 2, SR 1800 only)
12	56009019	2	Scr, Hex Thd Form 1/4-20 x .38	58	56009012	2	Scr, Hex Thd Form 10-24 x .38 (Note 2, SR 1800 only)
13	56009033	3	Scr, Hex Thd Form 1/4-20 x .50	59	56002708	2	Nut, Hex Nyl Loc 1/4-20 (Note 2, SR 1800 only)
14	56009062	4	Scr, Pan Phil Thd Form 1/4-20 x .50	* = Not Shown			
15	56009213	2	Wsh, Flt .392 x 1.00 x .075				
16	56009248	7	Scr, Pan Phil Thd Form-Blk 1/4-20 x .75	Note 1 (SR 1800 only): There is now a new style taillight cover. Cover (54) is bolted into the chassis from the outside, and the old style cover (29) was bolted into the chassis from the inside of the machine.			
17	56366013	4	Bushing, .37 x .62 x .18				
18	56402940	2	Bumper	Note 2 (SR 1800 only): Machines after Serial Number 1477900 have this interlock switch mounted to the chassis. See TSB 745 . Machines before this SN can be updated with "Interlock Switch Kit" PN 56419348.			
19	56409335	2	Bumper				
20	56409336	2	Pin	Note 3 (6250): All Retriever™ 6250 machines have the "new style" features discussed in Notes 1 & 2.			
21	56416516	1	Grommet				
22	56416593	1	Plug, Button 1.00	OPTIONS AND ACCESSORIES			
23	56416668	2	Bumper, Self-Adhesive				
24	56418015	1	Chassis Weld't.	56418569	Overhead Guard Kit		
25	56418198	5	Grommet	56418814	Wearpak Kit		
26	56418413	1	Cover, Access	56418421	Back Up Alarm Kit		
27	56418592	1	Hinge Assy	56418767	Beacon Kit		
*	56418590	1	Hinge Weld't.	56418390	Turn Signal Kit		
*	56185264	2	Bearing, Flange	56418832	Cushion Tire Kit (3 tires and lug nuts)		
28	56418706	1	Lift Link Weld't.	56419400	Single Tire Kit, Cushion (similar to above 1 tire)		
29	56418775	2	Cover, Tail Light (Note 1, SR 1800 only)	56419329	Cushion Tire Kit, Non-Marking (3 tires and lug nuts)		
30	56419331	1	Deflector, Prop Rod	56419402	Single Tire Kit, Non Marking (similar to above 1 tire)		
31	56418831	1	Gasket, Seat Plate	56419401	Single Tire Kit, Pneumatic (1 tire and lug nuts)		
32	56418583	1	Tower Door Assy	56418369	Gauge Kit		
*	56418584	1	Left Door Weld't.	56418834	Shaker Timer Kit		
*	56455979	1	Lockable Door Latch (SR 1800)	56418799	Blower Wand Kit		
*	56418471	1	Door Latch (6250)	56418406	Vacuum Switch Kit		
*	56418875	1	Gasket, Tower Door	56418420	Temperature Switch Kit		
33	56418498	1	Seat Plate Assy (see Chassis System-2)	56419233	Enclosed Cab Kit		
34	56418195	1	Left Door Assy (see Chassis System-2)	56419213	Cab Blower Kit		
35	56418064	1	Right Door Assy (see Chassis System-2)	56419243	Alternator Kit (for gas, propane and dual fuel models)		
36	56419183	3	Plug, Cap	(should be ordered when installing Cab Kit).			
37			Intentionally Omitted				
38	56419032	1	Tray, Battery	56460061	Left Armrest Kit		
39	56419103	1	Side Door Assy (diesel)	56419301	Stiff Engine Mount Kit		
	56419132	1	Side Door Assy (gas/propane/dual fuel) (see Chassis System-3)	56419361	Soft Engine Mount Kit		
40	56419094	1	Hood Assy (diesel)	56419304	4 Tube Radiator T. U. Kit (for gas, propane and dual fuel)		
	56419139	1	Hood Assy (gas/propane/dual fuel) (see Chassis System-3)	56419305	4 Tube Radiator D Kit (for diesel models)		
41	56419113	1	Stop, Oil Cooler (diesel)	56419358	Dump Door Shield Kit		
	56419135	1	Stop, Oil Cooler (gas/propane/dual fuel)	56419348	Interlock Switch Kit		
42	56419126	2	Blade	FORM NO. 56042443			
43	56419127	2	Strap				
44	56419129	1	Foam, Tower Wall				
45	56455979	1	Lockable Door Latch (SR 1800)				
	56418471	1	Door Latch (6250)				
46	56009018	3	Scr, Hex Thd Form 1/4-20 x .75 (gas & diesel)				

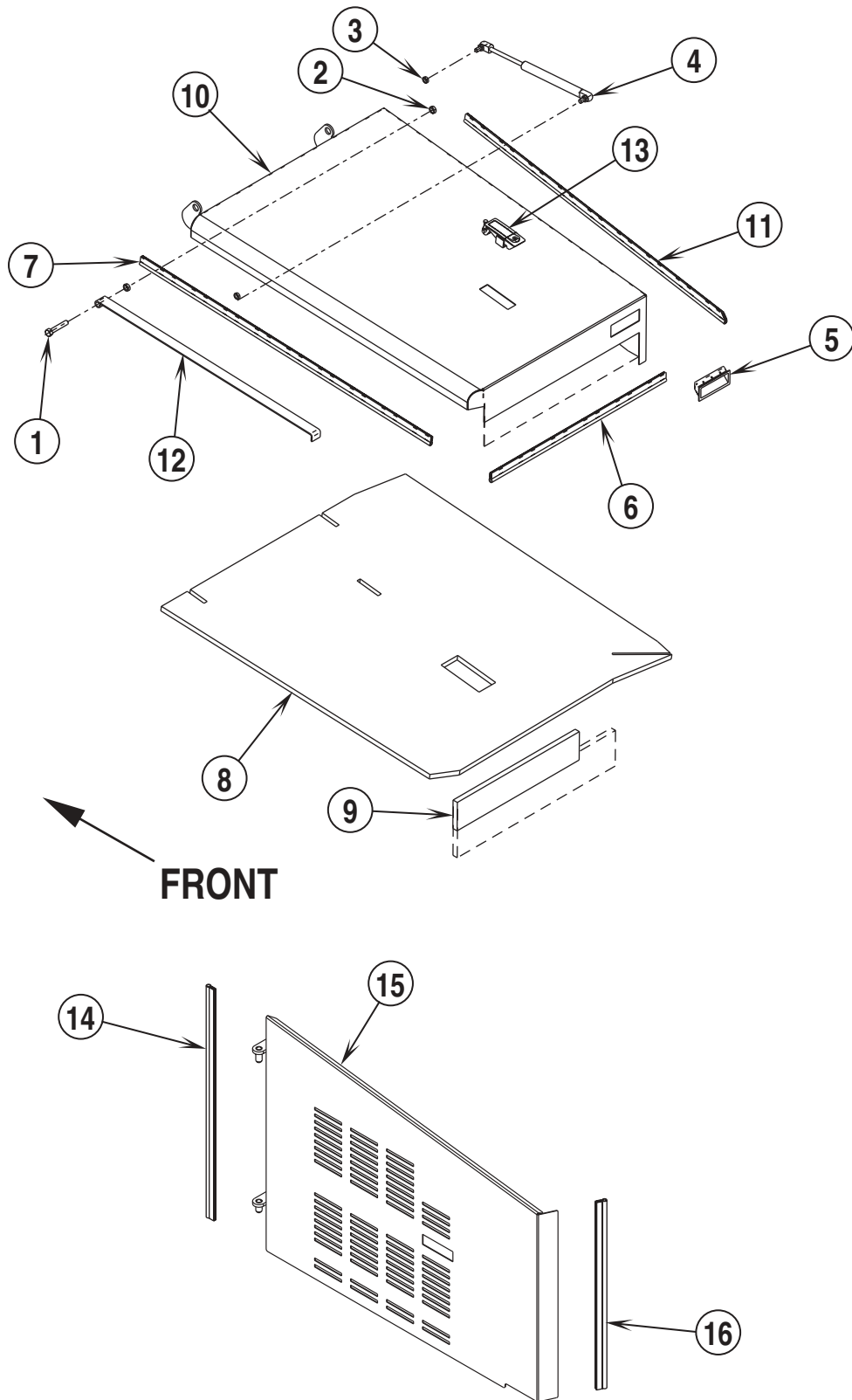
FORM NO. 56042443



03-1	CHASSIS SYSTEM-2	BOOK F		
	Retriever™ 6250 / SR 1800	F	8.9.1	5

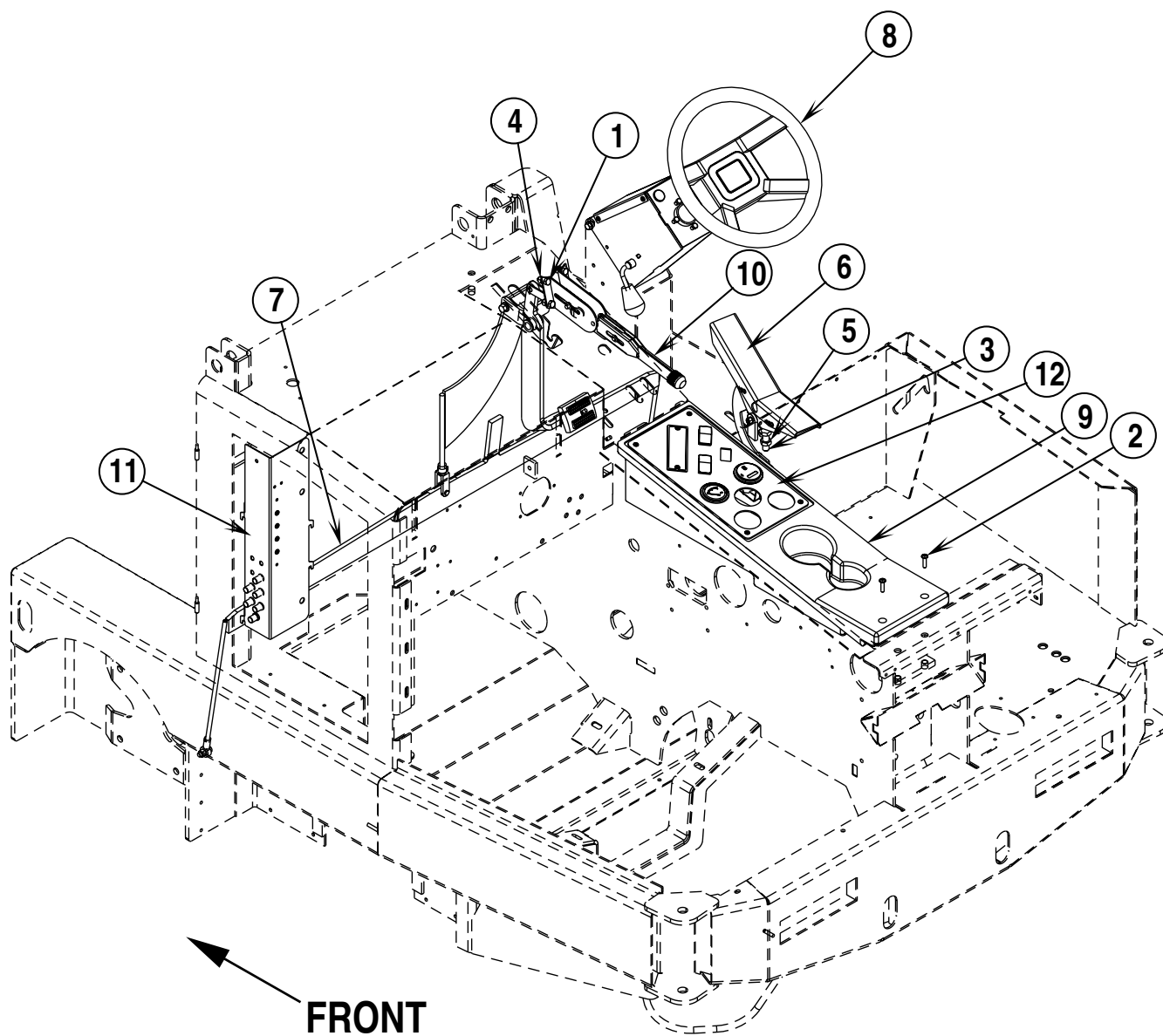
Item	Ref. No.	Qty	Description
	56418498	1	Seat Plate Assy
1	56001939	4	Wsh, Flt SAE 5/16
2	56002701	4	Nut, Hex Nyl Loc 5/16-18
3	56003118	4	Scr, soc Hd 5/16-18 x .62
4	56460045	1	Seat Assy
**	56460061	1	Left Armrest Kit
**	56460083	1	Right Armrest Kit
5	56418495	1	Seat Panel Weld't.
6	56418788	2	Insulation, Seat Plate
7	56455979	1	Lockable Door Latch (SR 1800)
	56418471	1	Door Latch (6250)
	56418064	1	Right Door Assy
8	56002155	6	Scr, Hex Hd 1/4-20 x .75
9	56002840	6	Nut, Hex Nyl Loc-Thin 1/4-20
10	56009002	1	Wsh, Flt .266 x .906 x .060
11	56009018	1	Scr, Hex Thd Form 1/4-20 x .75
12	56418065	1	Right Door Weld't.
13	56418070	1	Skirt, Right Door
14	56418193	1	Strap, Right Door
15	56418475	1	Gasket, Strip
16	56418703	1	Gasket, Strip
17	56455979	1	Lockable Door Latch (SR 1800)
	56418471	1	Door Latch (6250)
	56418195	1	Left Door Assy
18	56001878	4	Scr, Hex Hd 1/4-20 x 1.25
19	56002098	6	Wsh, Flt SAE 1/4
20	56002708	4	Nut, Hex Nyl Loc 1/4-20
21	56418196	1	Left Door Weld't.
22	56418469	2	Skirt, Left Door
23	56418470	1	Strap, Left Door
24	56455979	1	Lockable Door Latch (SR 1800)
	56418471	1	Door Latch (6250)

** = Optional



03-1	CHASSIS SYSTEM-3	BOOK F		
	Retriever™ 6250 / SR 1800	F	8.9.1	7

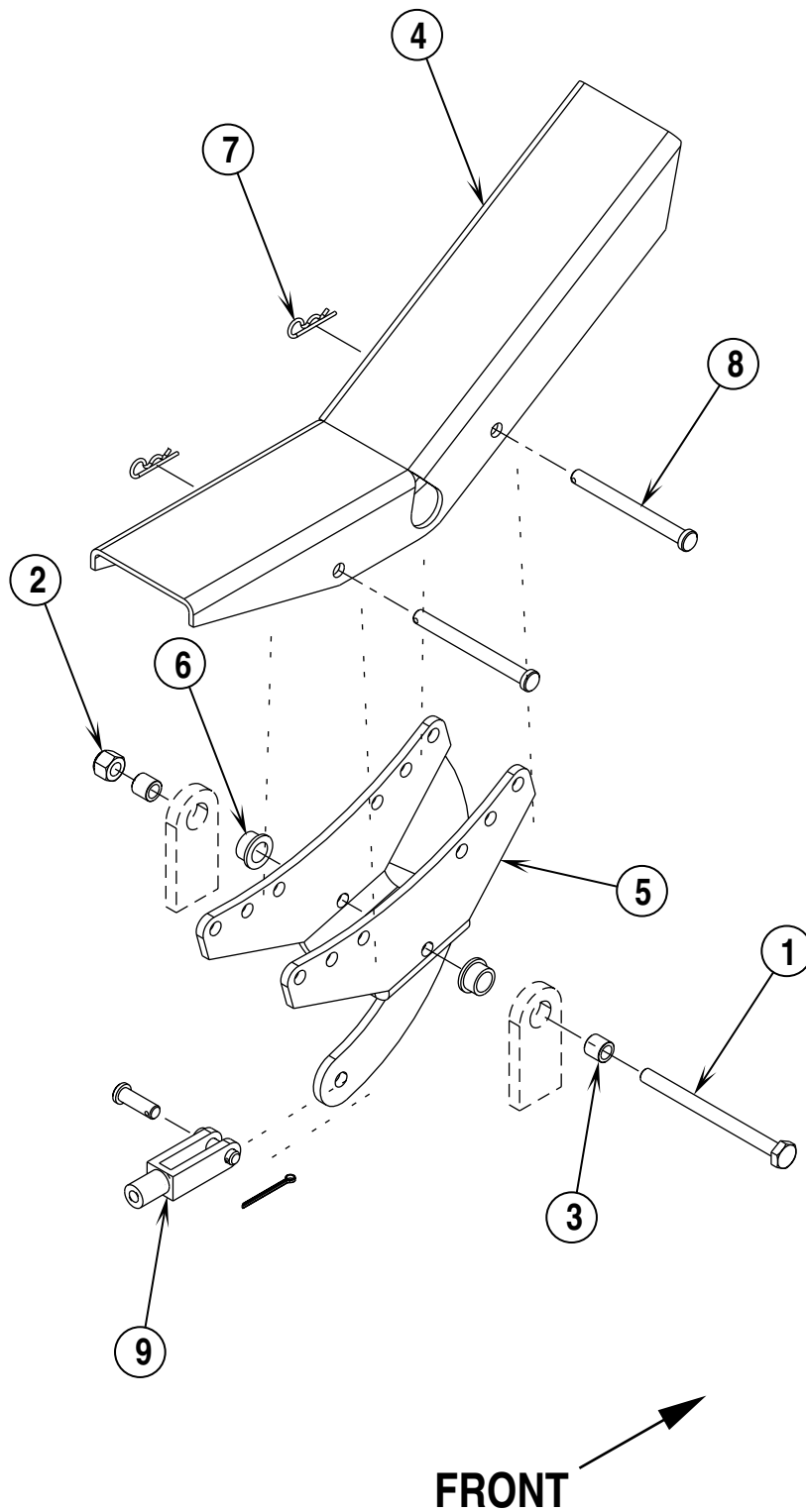
Item	Ref. No.	Qty	Description
	56419094	1	Hood Assembly (diesel)
	56419139	1	Hood Assembly (gas/propane/dual fuel)
1	56002091	1	Scr, Hex Hd 3/8-16 x 2.00
2	56009085	2	Nut, Hex Jam 3/8-16
3	56009086	2	Nut, Hex Jam 5/16-18
4	56385238	1	Gas Cylinder
5	56416455	1	Pull, Pocket
6	56419096	1	Trim, Seal (diesel)
	56419143	1	Trim, Seal (gas/propane/dual fuel)
7	56419097	1	Trim, Seal
8	56419099	1	Insulation, Hood
9	56419100	1	Insulation, Hood (diesel)
	56419142	1	Insulation, Hood (gas/propane/dual fuel)
10	56419111	1	Hood Weld't. (diesel)
	56419137	1	Hood Weld't. (gas/propane/dual fuel)
11	56419122	1	Trim, Seal
12	56419179	1	Prop, Oil Cooler
13	56455979	1	Lockable Door Latch (SR 1800)
	56418471	1	Door Latch (6250)
	56419103	1	Side Door Assembly (diesel)
	56419132	1	Side Door Assembly (gas/propane/dual fuel)
14	56418699	1	Trim, Seal
15	56419046	1	Side Door Weld't. (diesel)
	56419133	1	Side Door Weld't. (gas/propane/dual fuel)
16	56419098	1	Trim, Seal



03-1	CONTROL SYSTEM	BOOK F		
	Retriever™ 6250 / SR 1800	F	8.9.1	9

Item	Ref. No.	Qty	Description
1	56002037	4	Scr, Hex Hd 5/16-18 x .88
2	56002292	2	Scr, Pan Phil 1/4-20 x 1.00
3	56002668	2	Scr, Hex Thd To Hd 1/2-13 x 1.75
4	56002701	4	Nut, Hex Nyl Loc 5/16-18
5	56009016	4	Nut, Hex Jam 1/2-13
6	56418113	1	Throttle Pedal Assy (see Throttle Pedal Assembly)
7	56418138	1	Brake Lever Assy (see Brake Lever Assembly)
8	56418377	1	Tilt Steering Assy (see Tilt Steering Assembly)
9	56418717	1	Console, Finished
10	56448200	1	Lever, Brake Assy
11	56419114	1	Circuit Breaker Assy (diesel) (see Circuit Breaker Assembly (diesel))
	56418388	1	Circuit Breaker Assy (gas/propane/dual fuel) (see Circuit Breaker Assembly (gas/propane/dual fuel))
12	56419115	1	Control Panel Assy (diesel) (see Control Panel Assembly)
	56418663	1	Control Panel Assy (gas/propane/dual fuel) (see Control Panel Assembly)
*	56418628	1	Harness, Control Panel

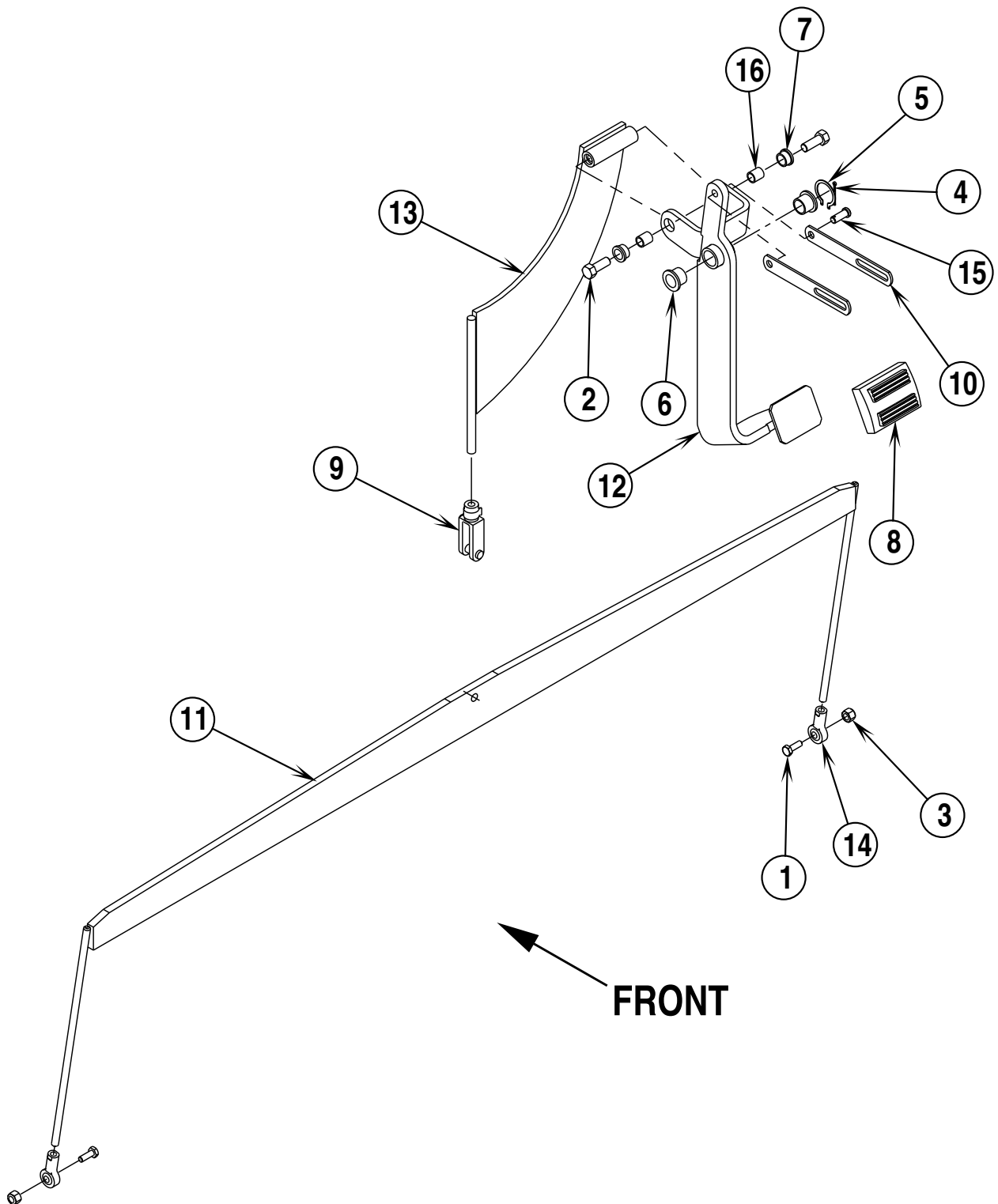
* = Not Shown



03-1	THROTTLE PEDAL ASSEMBLY	BOOK F		
	Retriever™ 6250 / SR 1800	F	8.9.1	11

Item	Ref. No.	Qty	Description
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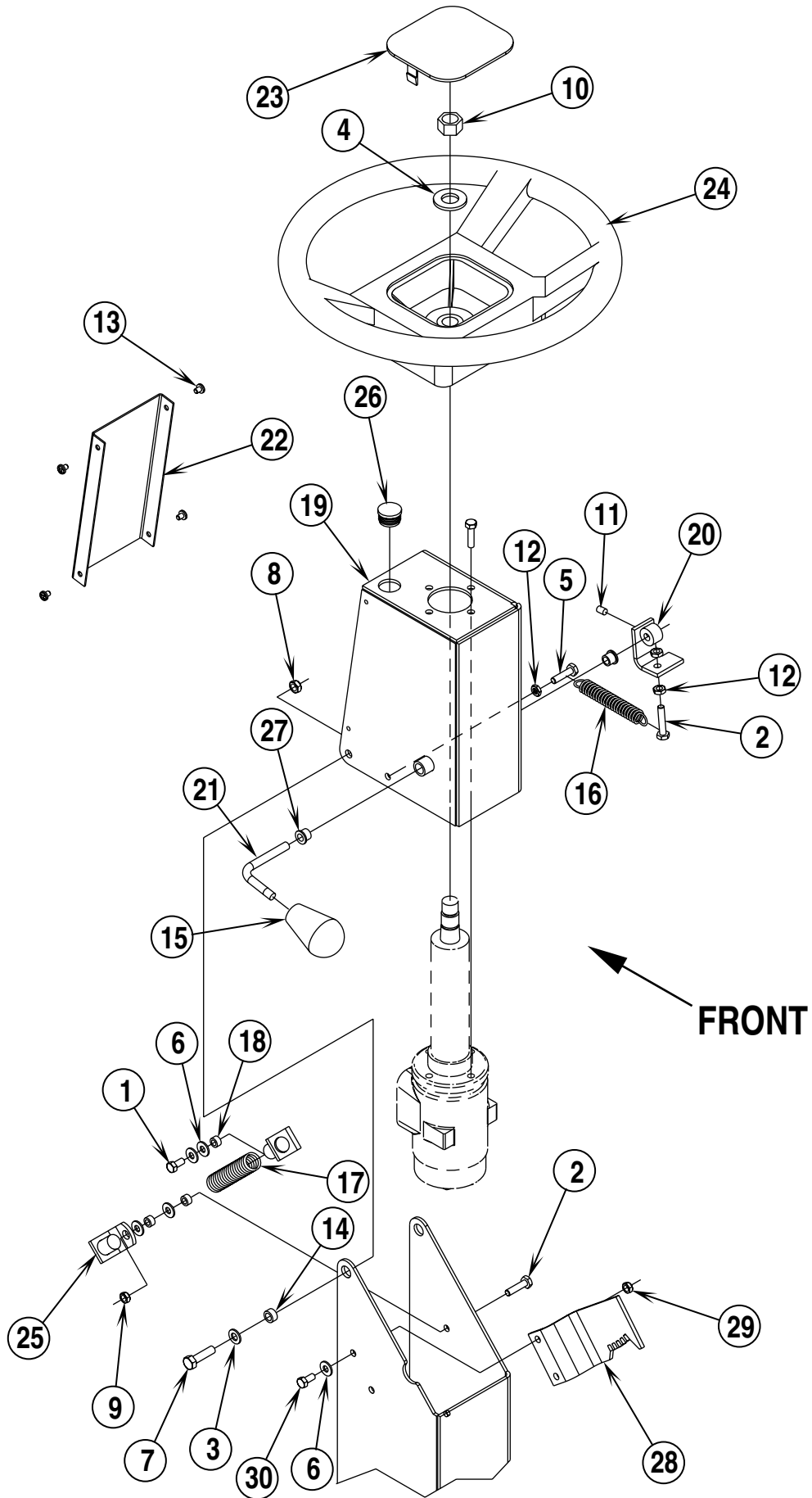
	56418113	1	Throttle Pedal Assy
1	56001817	1	Scr, Hex Hd 1/4-20 x 3.25
2	56002708	1	Nut, Hex Nyl Loc 1/4-20
3	56151106	2	Bushing
4	56418112	1	Pedal Weld't.
5	56418118	1	Pedal Weld't.
6	56418162	2	Bearing, Flange
7	56418163	2	Cotter, Hair Pin
8	56003531	2	Clevis Pin .25 x 2.75
9	56482542	1	Clevis Assembly



03-1	BRAKE LEVER ASSEMBLY	BOOK F		
	Retriever™ 6250 / SR 1800	F	8.9.1	13

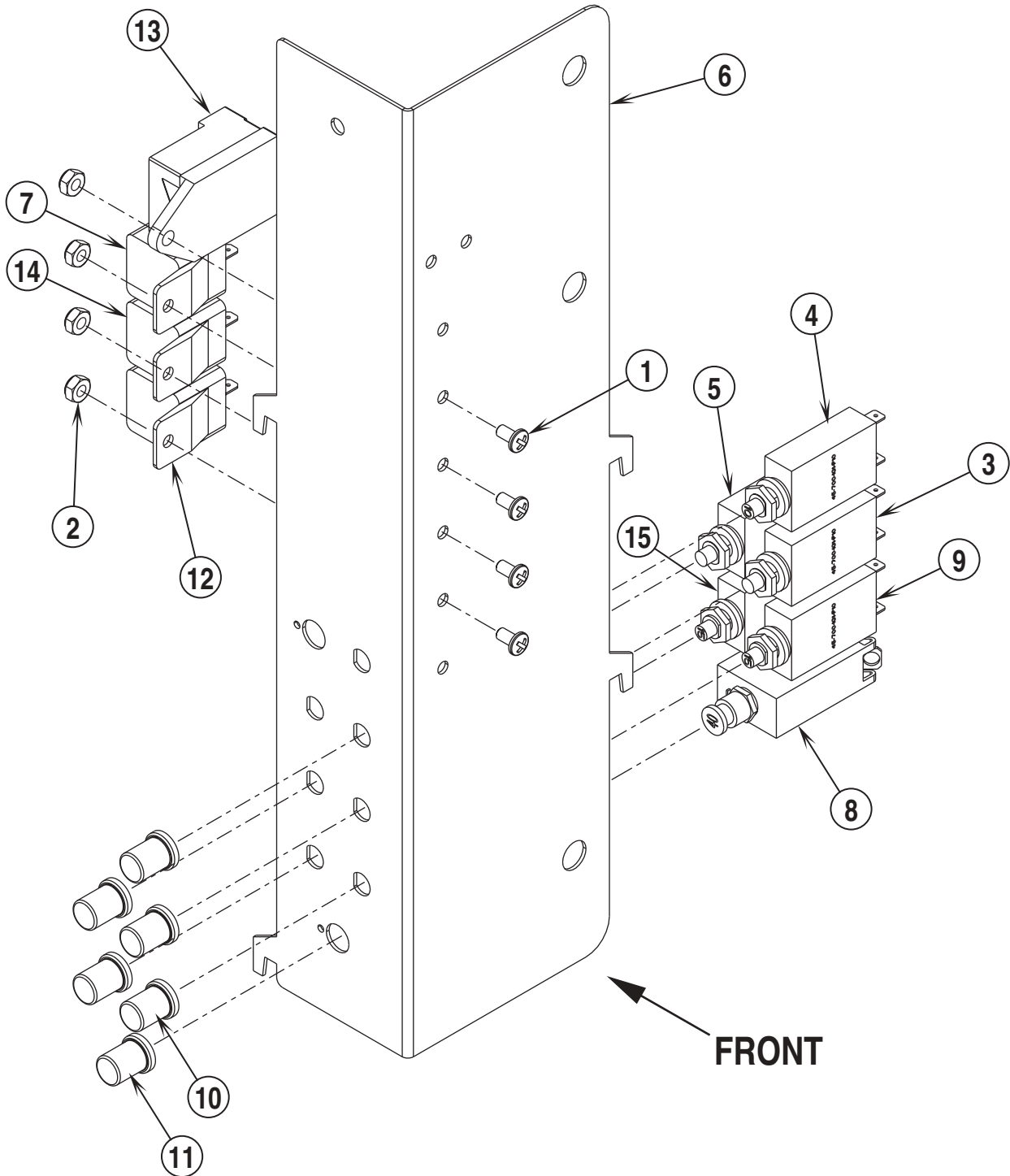
Item	Ref. No.	Qty	Description
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	56418138	1	Brake Lever Assy
1	56002588	1	Scr, Hex Hd 5/16-24 x 1.00
2	56002947	2	Scr, Hex Hd Loc 3/8-16 x 1.00
3	56002950	2	Nut, Hex Nyl Loc 5/16-24
4	56003144	1	Pin, Cotter 1/16 x 1/2
5	56003255	1	Ring, Ret ext
6	56171095	2	Bearing, Flange
7	56185264	2	Bearing, Flange
8	56365002	1	Pad, Rubber
9	56416088	1	Clevis Assy
10	56416348	2	Linkage, Handbrake
11	56418137	1	Brake Yoke Weld't.
12	56418144	1	Brake Lever Weld't.
13	56418145	1	Link Weld't.
14	56418478	2	Rod End .31
15	56455357	1	Pin
16	56458410	2	Bushing .39 x .50 x .56



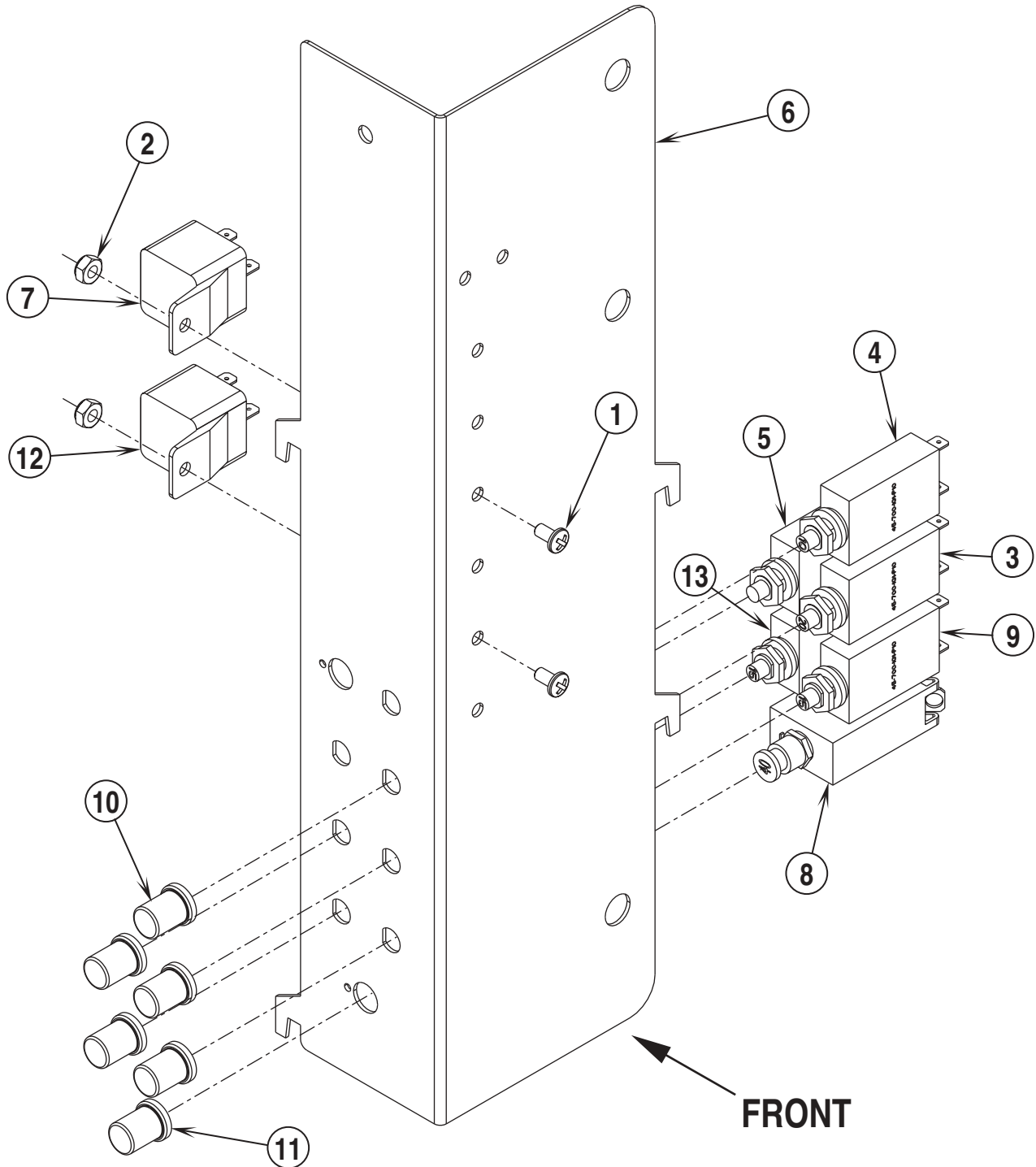
03-1	TILT STEERING ASSEMBLY	BOOK F		
	Retriever™ 6250 / SR 1800	F	8.9.1	15

Item	Ref. No.	Qty	Description
	56418377	1	Tilt Steering Assy
1	56001854	1	Scr, Hex Hd 1/4-20 x .50
2	56001878	2	Scr, Hex Hd 1/4-20 x 1.25
3	56001939	2	Wsh, Flt SAE 5/16
4	56002022	1	Wsh, Flt SAE 5/8
5	56002093	1	Scr, Hex Hd 1/4-20 x 1.00
6	56002098	6	Wsh, Flt SAE 1/4
7	56002221	2	Scr, Hex Hd 5/16-18 x 1.00
8	56002701	2	Nut, Hex Nyl Loc 5/16-18
9	56002840	1	Nut, Hex Nyl Loc-Thin 1/4-20
10	56003440	1	Nut, Steering Wheel
11	56009076	1	Scr, Soc Set Loc
12	56009087	3	Nut, Hex Jam 1/4-20
13	56009109	4	Scr, Pan Phil Thd Form 10-24 x .25
14	56320595	2	Bushing, .32 x .50 x .28
15	56364527	1	Knob
16	56365068	1	Spring, Ext.
17	56372129	1	Spring, Comp.
18	56379298	3	Bushing
19	56418394	1	Steering Bracket Weld't.
20	56418400	1	Pawl Weld't.
21	56418401	1	Lever, Steering Lock
22	56418402	1	Cover, Steering Hoses
23	56418459	1	Cap, Steering Wheel
24	56418460	1	Steering Wheel
25	56418654	2	Spring Bracket Weld't.
26	56418674	1	Plug, Plastic
27	56444502	2	Bearing, Flange
28	56418031	1	Latch, Adjustable Steering
29	56002708	2	Nut, Hex Nyl Loc 1/4-20
30	56002155	2	Scr, Hex Hd 1/4-20 x .75



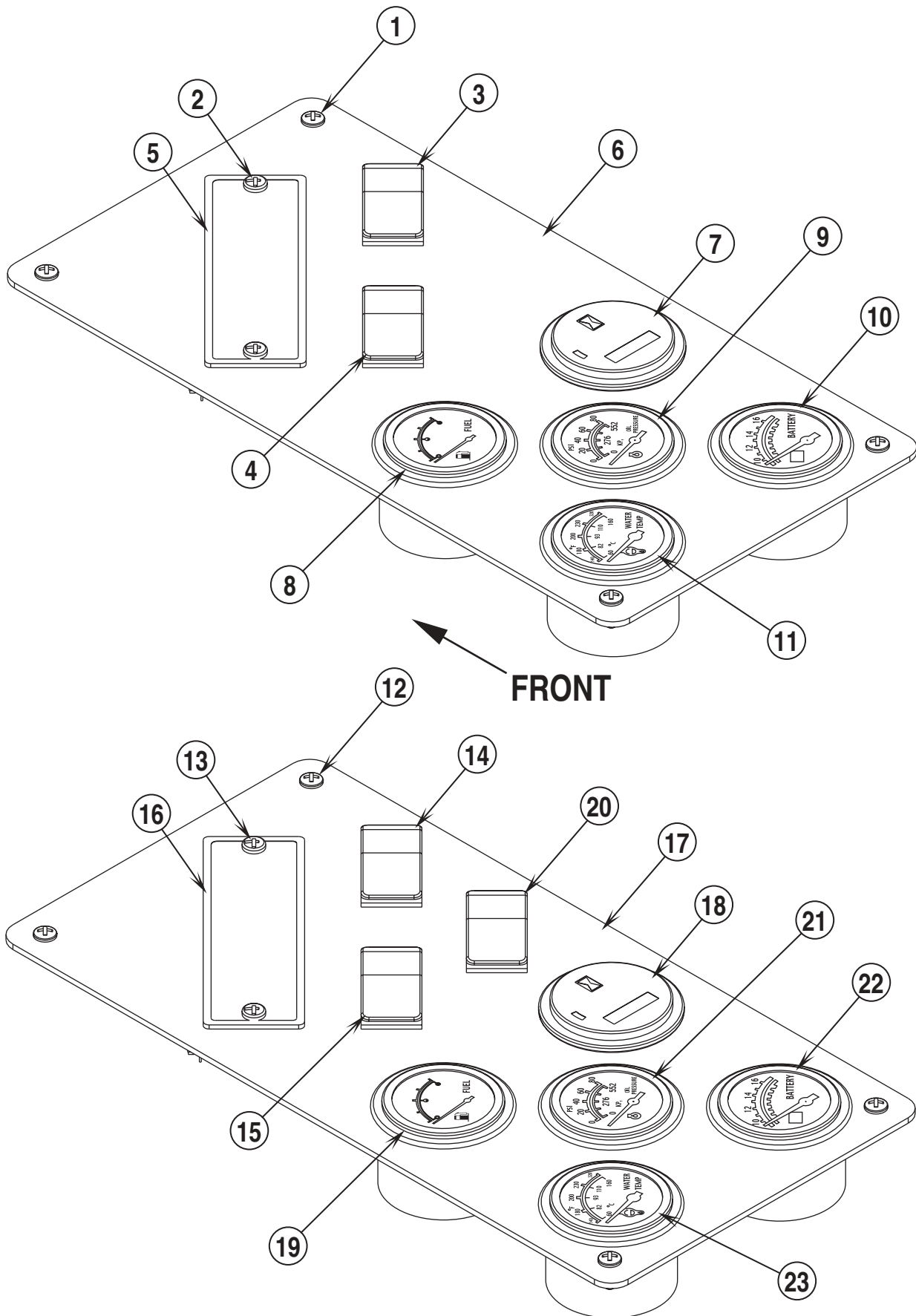
03-1	CIRCUIT BREAKER ASSEMBLY (diesel)	BOOK F		
	Retriever™ 6250 / SR 1800	F	8.9.1	17

Item	Ref. No.	Qty	Description
	56419114	1	Circuit Breaker Assy (diesel)
1	56002043	4	Scr, Pan Phil 10-24 x .38
2	56002832	4	Nut, Hex Nyl Loc-Thin 10-24
3	56395454	1	Circuit Breaker, 20 Amp (Headlights, Tail Lights / F4)
4	56387316	1	Circuit Breaker, 10 Amp (Horn / F6)
5	56168444	1	Circuit Breaker, 8 Amp (Shaker Motor / F5)
6	56418173	1	Panel, Circuit Breaker
7	56418387	1	Relay, SPDT (Hopper Door / K6)
8	56452193	1	Circuit Breaker, 40 Amp (Main / F1)
9	56387316	1	Circuit Breaker, 10 Amp (Accessory Circuit / F2)
10	56459367	5	Boot, Reset Button
11	56459368	1	Boot, Reset Button
12	56491862	1	Relay (Shaker Motor / K2)
13	56463590	1	Glow Plug Timer (E3)
14	56491862	1	Relay (Accessories / K3)
15	56454538	1	Circuit Breaker, 15 Amp (Accessory Circuit / F3)



03-1	CIRCUIT BREAKER ASSY (gas/propane/dual fuel)	BOOK F		
	Retriever™ 6250 / SR 1800	F	8.9.1	19

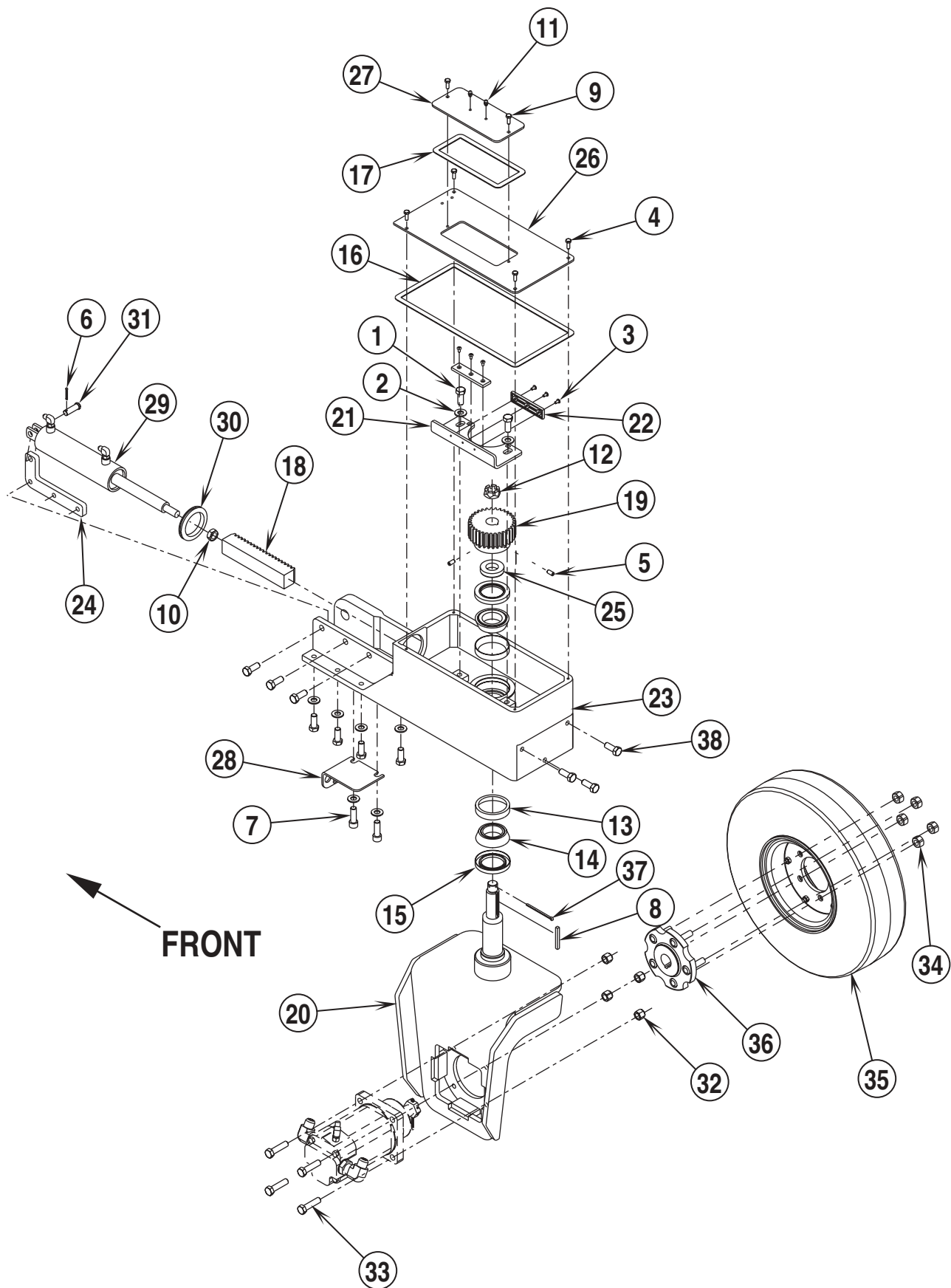
Item	Ref. No.	Qty	Description
	56418388	1	Circuit Breaker Assy (gas/propane/dual fuel)
1	56002043	2	Scr, Pan Phil 10-24 x .38
2	56002832	2	Nut, Hex Nyl Loc-Thin 10-24
3	56168444	1	Circuit Breaker, 8 Amp (Shaker Motor / F5)
4	56387316	1	Circuit Breaker, 10 Amp (Horn / F6)
5	56395454	1	Circuit Breaker, 20 Amp (Head Lights / Tail Lights / F4)
6	56418173	1	Panel, Circuit Breaker
7	56418387	1	Relay, Hopper Door / K6
8	56452193	1	Circuit Breaker, 40 Amp (Main / F1)
9	56454538	1	Circuit Breaker, 15 Amp (Ignition Circuit / F2)
10	56459367	5	Boot, Reset Button
11	56459368	1	Boot, Reset Button
12	56491862	1	Relay, Shaker Motor / K2
13	56454538	1	Circuit Breaker, 15 Amp (Accessory Circuit 1 / F3)



03-1	CONTROL PANEL ASSEMBLY	BOOK F		
	Retriever™ 6250 / SR 1800	F	8.9.1	21

Item	Ref. No.	Qty	Description
	56419115	1	Control Panel Assy (diesel) (#1-8) (Note 1, SR 1800 only)
1	56002831	4	Scr, Pan Phil Blk 10-24 x .50
2	56009082	2	Scr, Pan Phil Thd Form-Blk 10-24 x .50
3	56324272	1	Switch, Rocker (Shaker Motor, Dust Control / S7)
4	56393312	1	Switch, Rocker (Headlights / S8)
5	56418412	1	Light Display, 10 Bulb
6	56418662	1	Control Panel
7	56478363	1	Meter, Hour
8	56489598	1	Gauge, Fuel Level
9	56489592	1	Gauge, Oil Pressure (Standard on SR 1800 after SN 1477918 & all Retriever 6250 models)
10	56482044	1	Meter, Volt (Standard on SR 1800 after SN 1477918 & all Retriever 6250 models)
11	56489600	1	Gauge, Temperature (Standard on SR 1800 after SN 1477918 & all Retriever 6250 models)
	56418663	1	Control Panel Assy (gas/propane/dual fuel) (#12-20) (Note 1, SR 1800 only)
12	56002831	4	Scr, Pan Phil Blk 10-24 x .50
13	56009082	2	Scr, Pan Phil Thd Form-Blk 10-24 x .50
14	56324272	1	Switch, Rocker (Shaker Motor, Dust Control / S7)
15	56393312	1	Switch, Rocker (Headlights / S8)
16	56418412	1	Light Display, 10 Bulb
17	56418662	1	Control Panel
18	56478363	1	Meter, Hour
19	56489598	1	Gauge, Fuel Level (gas/dual fuel)
20	56455820	1	Switch, Rocker (Engine Speed / S3)
21	56489592	1	Gauge, Oil Pressure* (Standard on SR 1800 after SN 1477918 & all Retriever 6250 models)
22	56482044	1	Meter, Volt (Standard on SR 1800 after SN 1477918 & all Retriever 6250 models)
23	56489600	1	Gauge, Temperature (Standard on SR 1800 after SN 1477918 & all Retriever 6250 models)

Note 1 (SR 1800 only): The additional gauges (oil pressure, voltage, and temp.) are standard on all SR 1800 after serial number 1477918. Kit #56418369 was added to the bill of material, but these gauges are not yet part of the Control Panel Assemblies. A kit (PN 56418369) is available for installing these additional gauges (oil pressure, voltage, and temp.) to earlier machines.

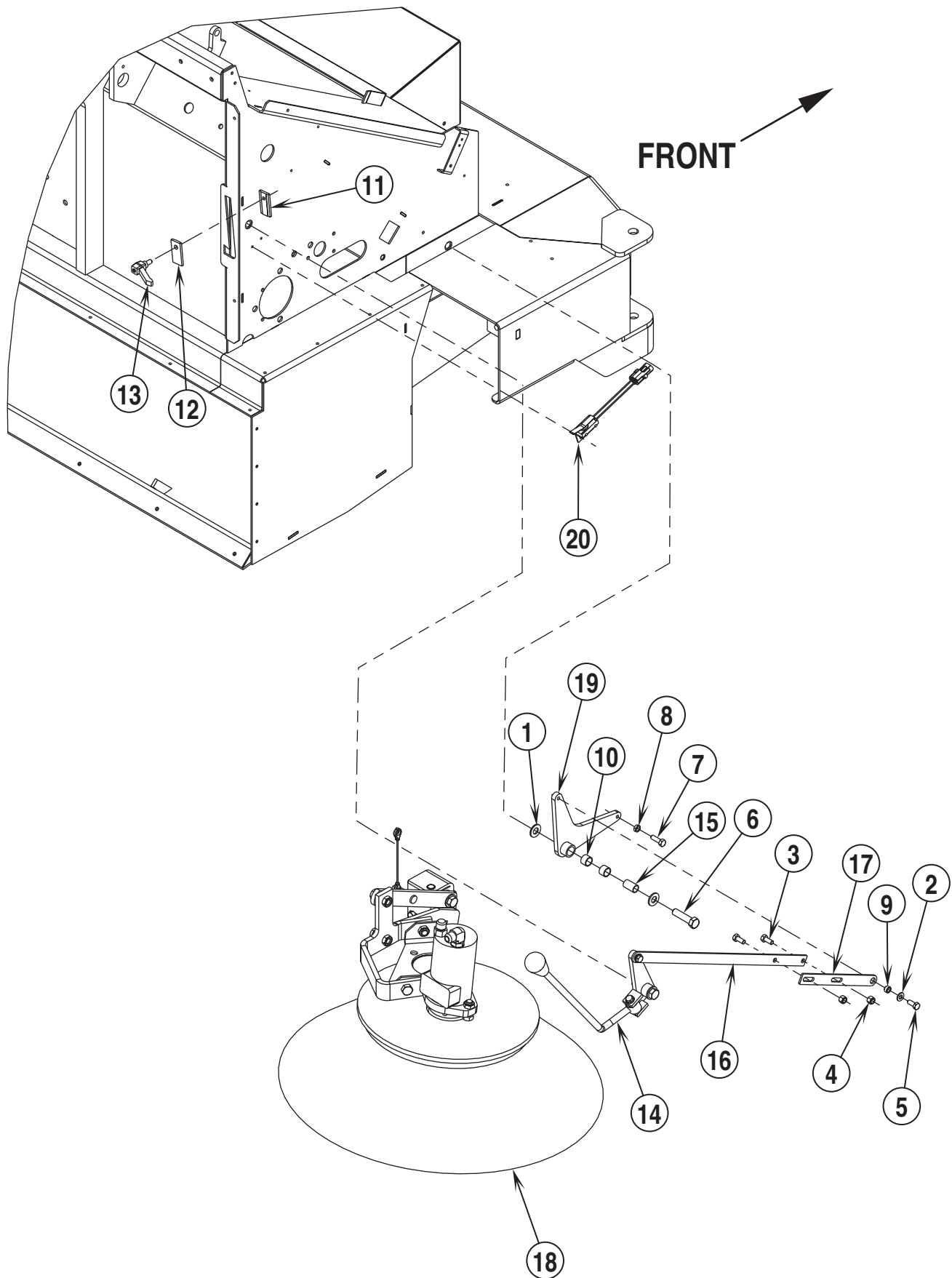


03-1	DRIVE WHEEL SYSTEM	BOOK F		
05-2	Retriever™ 6250 / SR 1800	F	8.9.1	23

Item	Ref. No.	Qty	Description
	56419187	1	Steering Assy (#1-31 & 37)
1	56003083	2	Scr, Hex Hd Loc 1/2-13 x 1.00
2	56001879	8	Wsh, Flt SAE 1/2
3	56002043	6	Scr, Pan Phil 10-24 x .38
4	56002155	4	Scr, Hex Hd 1/4-20 x .75
5	56002186	2	Scr, Soc Set Loc 5/16-18 x .62
6	56002529	1	Pin, Cotter 1/8 x 1.00
7	56002972	2	Scr, Soc Hd 1/2-13 x 1.50
8	56003248	1	Key, Sq. .25 x 2.31
9	56009018	2	Scr, Hex Thd Form 1/4-20 x .75
10	56009099	1	Nut, Hex Jam 5/8-18
11	56101737	2	Fitting, Lube 1/4-28
12	56110817	1	Nut, Castle 7/8-14
13	56744474	2	Bearing, Cup
14	56744471	2	Bearing, Cone
15	56477783	2	Seal, Shaft
16	56200754	4'	Gasket, Strip
17	56200754	2'	Gasket, Strip
18	56418476	1	Rack
19	56418477	1	Gear, Spur
20	56419184	1	Spindle Weld't.
21	56418573	1	Angle, Adjuster
22	56418575	2	Plate, Wear
23	56419188	1	Casting, Steering
24	56418637	1	Bracket, Cylinder
25	56419189	1	Spacer, Gear
26	56418639	1	Cover Plate
27	56418754	1	Cover, Inspection
28	56418755	1	Bracket, Bulkhead
29	56418765	1	Steering Cylinder Assy
*	56418441	1	Cylinder, Hydraulic
*	56900101	2	Elbow, 90 O-Ring
30	56459362	1	Grommet
31	56486733	1	Pin
32	56002770	4	Nut, Hex Nyl Loc 1/2-13
33	56002983	4	Scr, Hex Hd 1/2-13 x 2.00
34	56009116	5	Nut, Lug (TSB 797, SR 1800 only)
35	56419374	1	Tire Assembly (TSB 797, SR 1800 only)
*	56419377	1	Rim, 8.00 x 3.75 (TSB 797, SR 1800 only)
*	56419376	1	Tire (TSB 797, SR 1800 only)
*	56419375	1	Tube (TSB 797, SR 1800 only)
**	56418361	1	Tire, Cushion
**	56419328	1	Tire, Non-Marking
**	56419456	1	Foam Fill Rear Tire Assy
36	56419373	1	Hub Assy (TSB 775 / TSB 797, SR 1800 only)
**	56419436	1	6250 Hub Kit (items 34 & 36)
37	56002574	1	Pin, Cotter 5/32 x 3.00
38	56003022	10	Scr, Hex Hd Loc 1/2-13 x 1.25

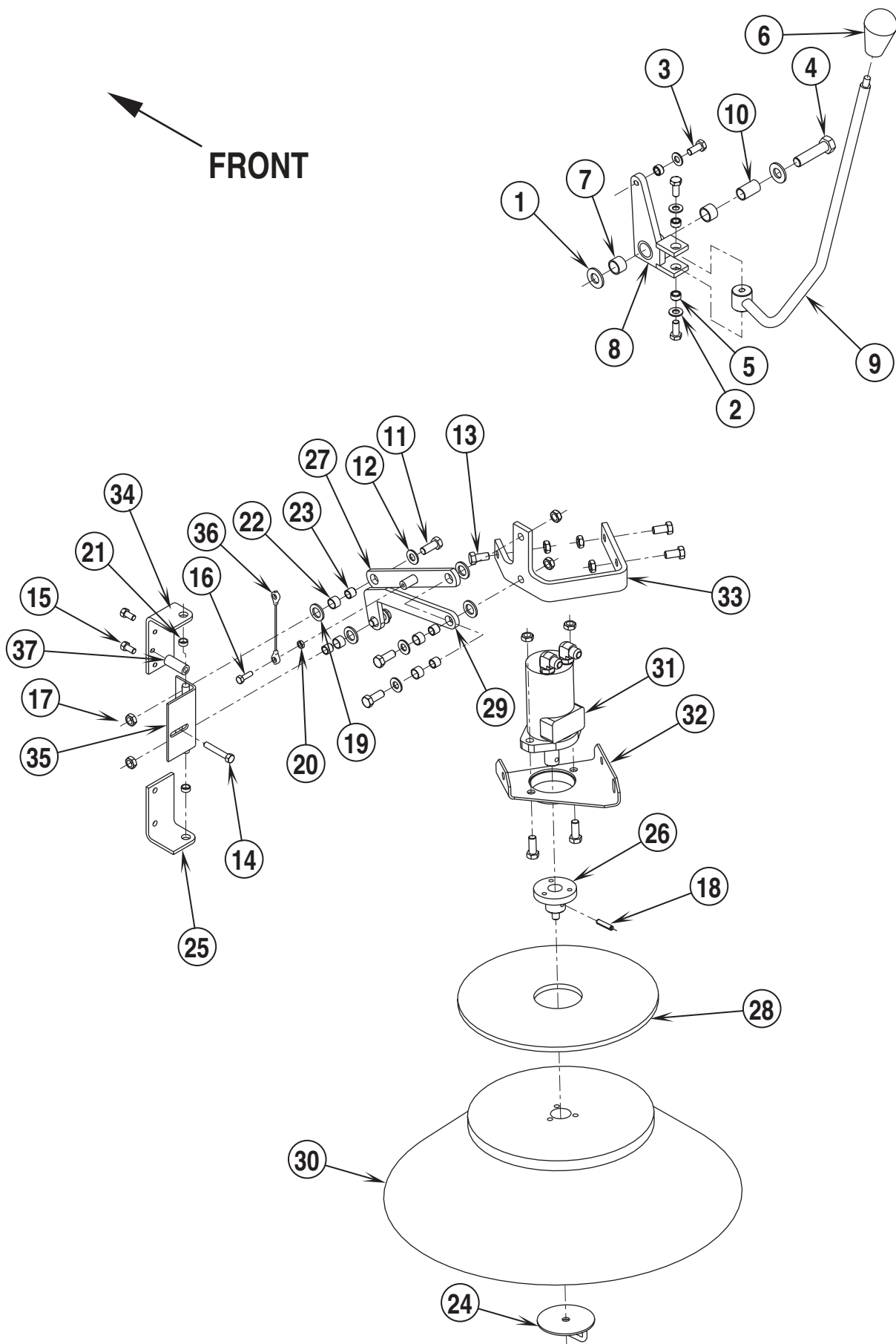
* = Not Shown

** = Optional



03-1	SIDE BROOM SYSTEM	BOOK F		
	Retriever™ 6250 / SR 1800	F	8.9.1	25

Item	Ref. No.	Qty	Description
1	56001879	2	Wsh, Flt SAE 1/2
2	56001939	1	Wsh, Flt SAE 5/16
3	56002667	2	Scr, Hex Hd 5/16-18 x .75
4	56002701	2	Nut, Hex Nyl Loc 5/16-18
5	56002956	1	Scr, Hex Hd Loc 5/16-18 x .75
6	56002983	1	Scr, Hex Hd 1/2-13 x 2.00
7	56003073	1	Scr, Hex Hd Loc 5/16-18 x 1.00
8	56009086	1	Nut, Hex Jam 5/16-18
9	56320595	1	Bushing, .32 x .50 x .28
10	56367168	2	Bearing, Sleeve
11	56416411	1	Stop, Broom
12	56416412	1	Stop, Broom
13	56416597	1	Handle, Adjustable
14	56418252	1	Side Broom Lift Lever Assy (see Side Broom System (Continued))
15	56418738	1	Bushing, .52 x .62 x 1.06
16	56418908	1	Linkage
17	56418909	1	Linkage
18	56419021	1	Side Broom Assy (see Side Broom System (Continued))
19	56419028	1	Lever Weld't.
20	56372088	1	Switch, Side Broom



03-1	SIDE BROOM SYSTEM (CONTINUED)	BOOK F		
	Retriever™ 6250 / SR 1800	F	8.9.1	27

Item	Ref. No.	Qty	Description
	56418252	1	Side Broom Lift Lever Assy (#1-10)
1	56001879	2	Wsh, Flt SAE 1/2
2	56001939	3	Wsh, Flt SAE 5/16
3	56002956	3	Scr, Hex Hd Loc 5/16-18 x .75
4	56002983	1	Scr, Hex Hd 1/2-13 x 2.00
5	56320595	3	Bushing, .32 x .50 x .28
6	56364527	1	Knob
7	56367168	2	Bearing, Sleeve
8	56418240	1	Lever Weld't.
9	56418241	1	Lever Weld't.
10	56418738	1	Bushing, .52 x .62 x 1.06
	56419021	1	Side Broom Assy (#11-37)
11	56001831	6	Scr, Hex Hd 1/2-13 x 1.25
12	56001879	5	Wsh, Flt SAE 1/2
13	56001895	3	Scr, Hex Hd 1/2-13 x 1.00
14	56002058	1	Scr, Hex Hd 3/8-16 x 2.25
15	56002127	2	Scr, Hex Hd 3/8-16 x .75
16	56002221	1	Scr, Hex Hd 5/16-18 x 1.00
17	56002843	9	Nut, Hex Nyl Loc-Thin 1/2-13
18	56003494	1	Pin, Spr. .31 x 1.38
19	56009022	4	Wsh, Flt .75 x 1.25 x .12
20	56009086	1	Nut, Hex Jam 5/16-18
21	56185263	2	Bearing, Sleeve
22	56367168	4	Bearing, Sleeve
23	56367206	4	Bushing
24	56418528	1	Thumb Nut Weld't.
25	56418541	1	Lower Bracket, Side Broom
26	56418544	1	Hub, Side Broom
27	56418652	1	Side Broom Arm Weld't.
28	56418670	1	Guard, Side Broom
29	56418684	1	Arm, Side Broom, Lower
30	56477812	1	Broom, Side H. Duty
**	56418837	1	Broom, Side, Nylon
**	56418838	1	Broom, Side, Wire
31	56418977	1	Side Broom Motor Assy
*	56418976	1	Motor, Side Broom
*	56418462	1	Valve, Check
*	56900104	1	Elbow, 90 O-Ring
32	56419019	1	Motor Bracket Weld't.
33	56419022	1	Bracket, Side Broom
34	56419023	1	Upper Bracket, Side Broom
35	56419024	1	Side Broom Pivot Weld't.
36	56419027	1	Cable, Side Broom
37	56761327	1	Spring, Comp.

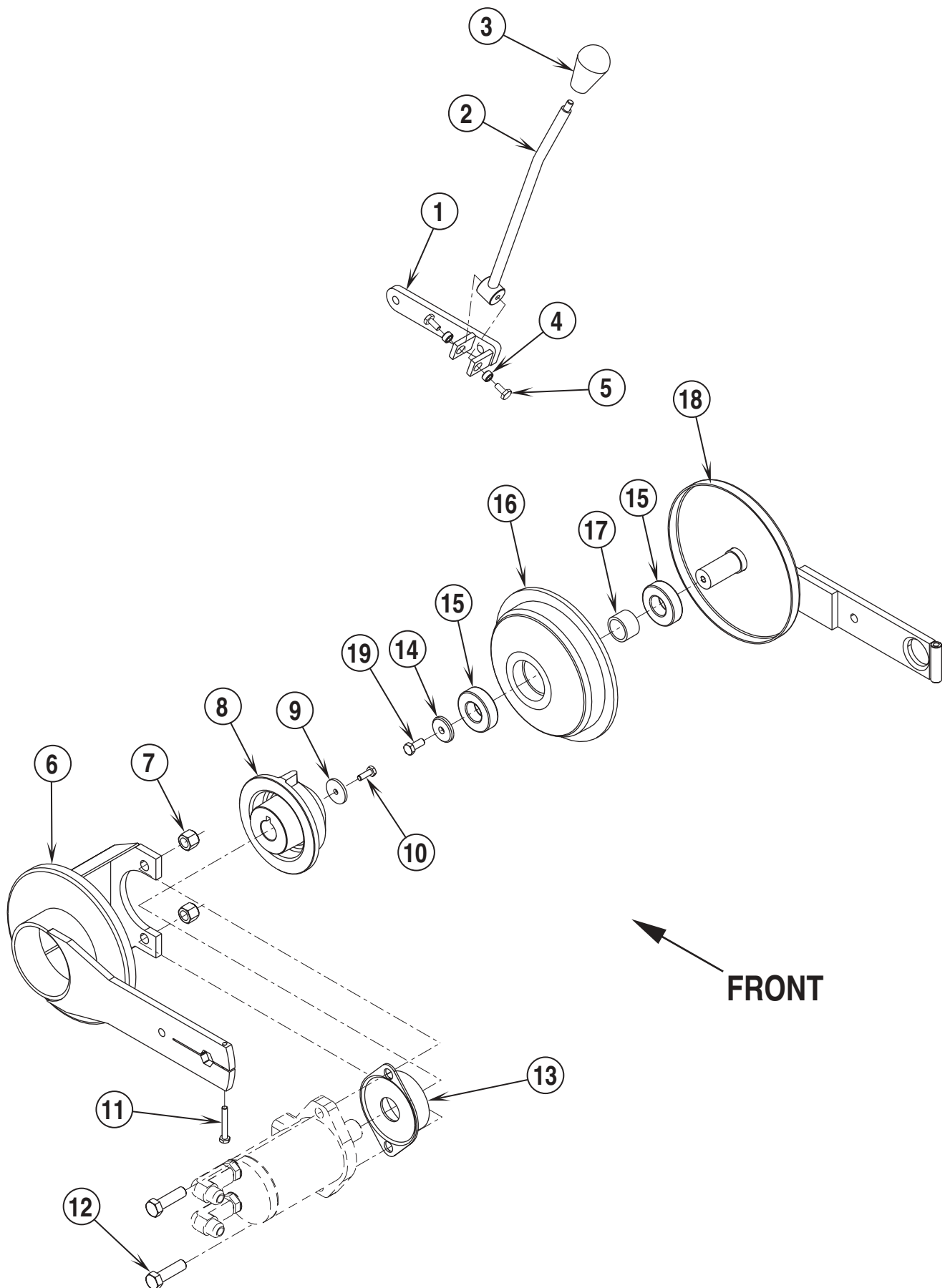
* = Not Shown

** = Optional

03-1	MAIN BROOM SYSTEM	BOOK F		
	Retriever™ 6250 / SR 1800	F	8.9.1	29

Item	Ref. No.	Qty	Description
1	56001821	6	Scr, Hex Hd 1/4-20 x .88
2	56001879	5	Wsh, Flt SAE 1/2
3	56001996	5	Scr, Hex Hd 1/2-13 x .75
4	56002035	2	Scr, Hex Hd 5/16-18 x .62
5	56002063	4	Wsh, Flt SAE 3/8
6	56002093	5	Scr, Hex Hd 1/4-20 x 1.00
7	56002094	1	Scr, Hex Hd 5/16-18 x 1.50
8	56002095	1	Scr, Hex Hd 3/8-16 x 1.50
9	56418906	1	Stop, Broom
10	56002155	3	Scr, Hex Hd 1/4-20 x .75
11	56002271	4	Scr, Hex Hd 3/8-16 x .88
12	56002711	2	Scr, Flt Phil 1/4-20 x .88
13	56002708	5	Nut, Hex Nyl Loc 1/4-20
14	56002769	6	Nut, Hex Nyl Loc 3/8-16
15	56002840	8	Nut, Hex Nyl Loc-Thin 1/4-20
16	56002841	1	Nut, Hex Nyl Loc-Thin 3/8-16
17	56003484	2	Scr, Hex Grd 8 1/4-20 x 1.75
18	56009060	1	Wsh, Flt SS .260 x 1.00 x .074
19	56009033	5	Scr, Hex Thd Form 1/4-20 x .50
20	56416597	1	Handle, Adjustable
21	56320595	2	Bushing .32 x .50 x .28
22	56365030	3	Bushing .50 x .62 x .27
23	56416086	3	Bearing, Hex Flange
24	56416377	1	Spacer, Shaft
25	56416382	1	Broom Arm Nut Weldment
26	56418049	1	Spacer, Shaft
27	56418050	1	Right Hex Arm Weldment
28	56418055	2	Arm, Hex Broom
29	56418056	1	Idler Hub Assembly (see Main Broom System (Continued))
30	56418061	1	Link, Lift
31	56418062	1	Plate, Left Access
32	56418063	1	Skirt, Left
33	56418121	1	Skirt, Broom Housing
34	56418194	1	Drive Lug Assembly (see Main Broom System (Continued))
35	56418308	1	Lift Lever Assembly (see Main Broom System (Continued))
36	56418701	1	Block, Hex Clamp
37	56418376	1	Strap, Right Broom Housing
38	56418687	1	Lift Link Weldment
39	56418438	1	Gasket, RS Strip
40	56418554	1	Link, Lift
41	56416411	1	Stop, Broom
42	56418650	1	Broom Adjuster Weldment
43	56462157	1	Support, Blade
44	56462158	1	Strap, Blade
45	56462159	1	Blade, Broom Housing
46	56462160	1	Blade, Internal Broom Housing
47	56478781	3	Bearing, Sleeve
48	56505240	1	Broom, Main, Proex / Wire
**	56505071	1	Broom, Main, Polypropylene
**	56505207	1	Broom, Main, Proex / Wire, 12 Row
**	56505210	1	Broom, Main, Nylon
**	56505209	1	Broom, Main, Proex, 12 Row
**	56505208	1	Broom, Main, Polypropylene / Wire
**	56505211	1	Broom, Main, Proex
49	56001873	2	Scr, Hex Hd 3/8-16 x 2.50

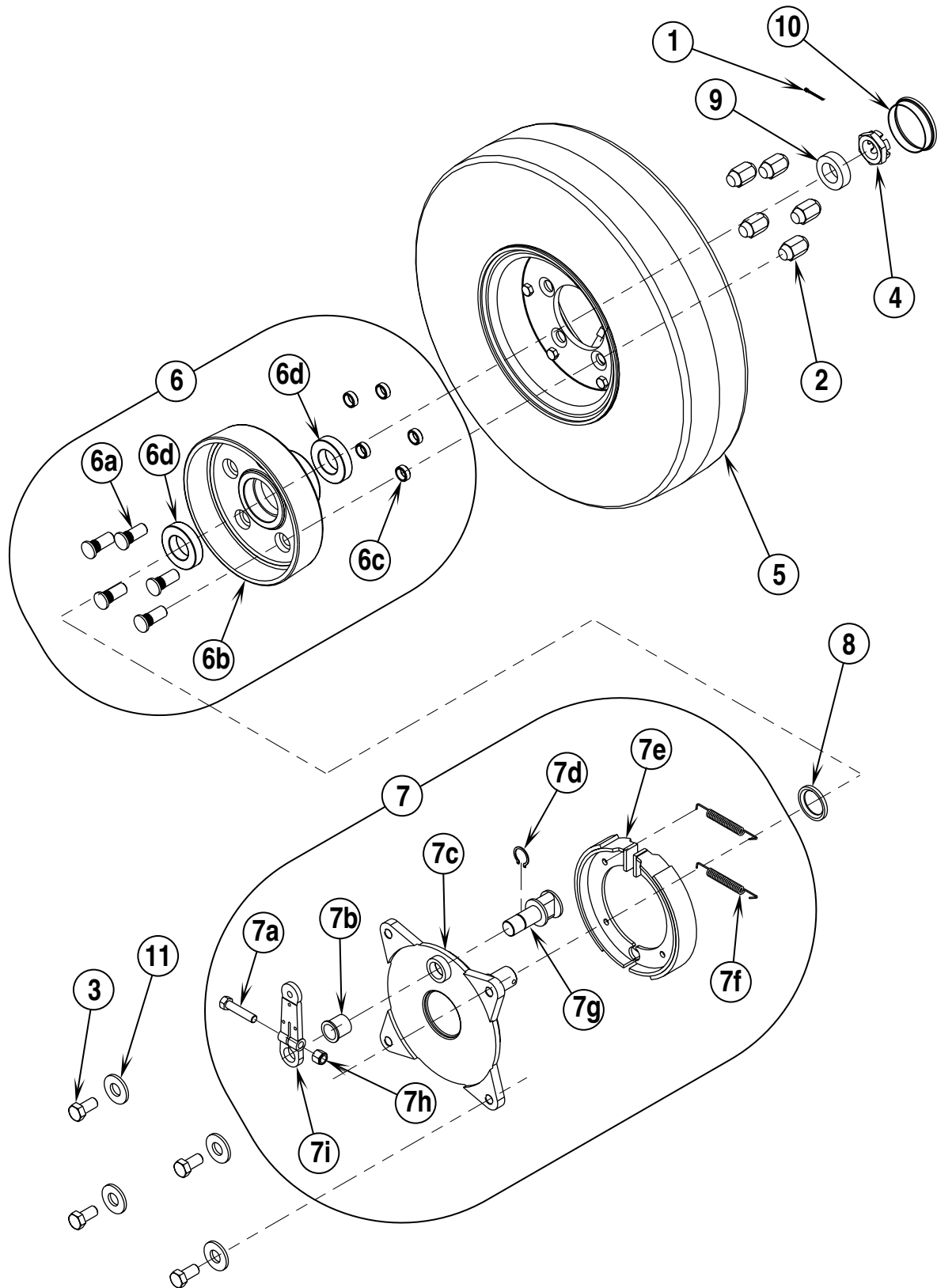
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03-1	MAIN BROOM SYSTEM (CONTINUED)	BOOK F		
	Retriever™ 6250 / SR 1800	F	8.9.1	31

Item	Ref. No.	Qty	Description
	56418308	1	Lift Lever Assembly (#1-5)
1	56418301	1	Lever Weldment
2	56487929	1	Lever Weldment
3	56364527	1	Knob
4	56320595	2	Bushing .32 x .50 x .28
5	56002035	2	Scr, Hex Hd 5/16-18 x .62
	56418194	1	Drive Lug Assembly (#6-13)
6	56418052	1	Left Side Arm Weldment
7	56002770	2	Nut, Hex Nyl Loc 1/2-13
8	56477762	1	Hub, Driver
9	56009199	1	Wsh, Flt Brass .26 x 1.25 x .12
10	56002155	1	Scr, Hex Hd 1/4-20 x .75
11	56003484	1	Scr, Hex Grd 8 1/4-20 x 1.75
12	56001995	2	Scr, Hex Hd 1/2-13 x 1.75
13	56455997	1	Broom Motor Seal Guard
	56418056	1	Idler Hub Assembly (#14-19)
14	56358959	1	Washer, Flat
15	56479430	2	Bearing, Ball
16	56493845	1	Hub, Idler
17	56479434	1	Bushing
18	56418057	1	Idler Arm Weldment
19	56002956	1	Scr, Hex Hd Loc 5/16-18 x .75

* = Not Shown



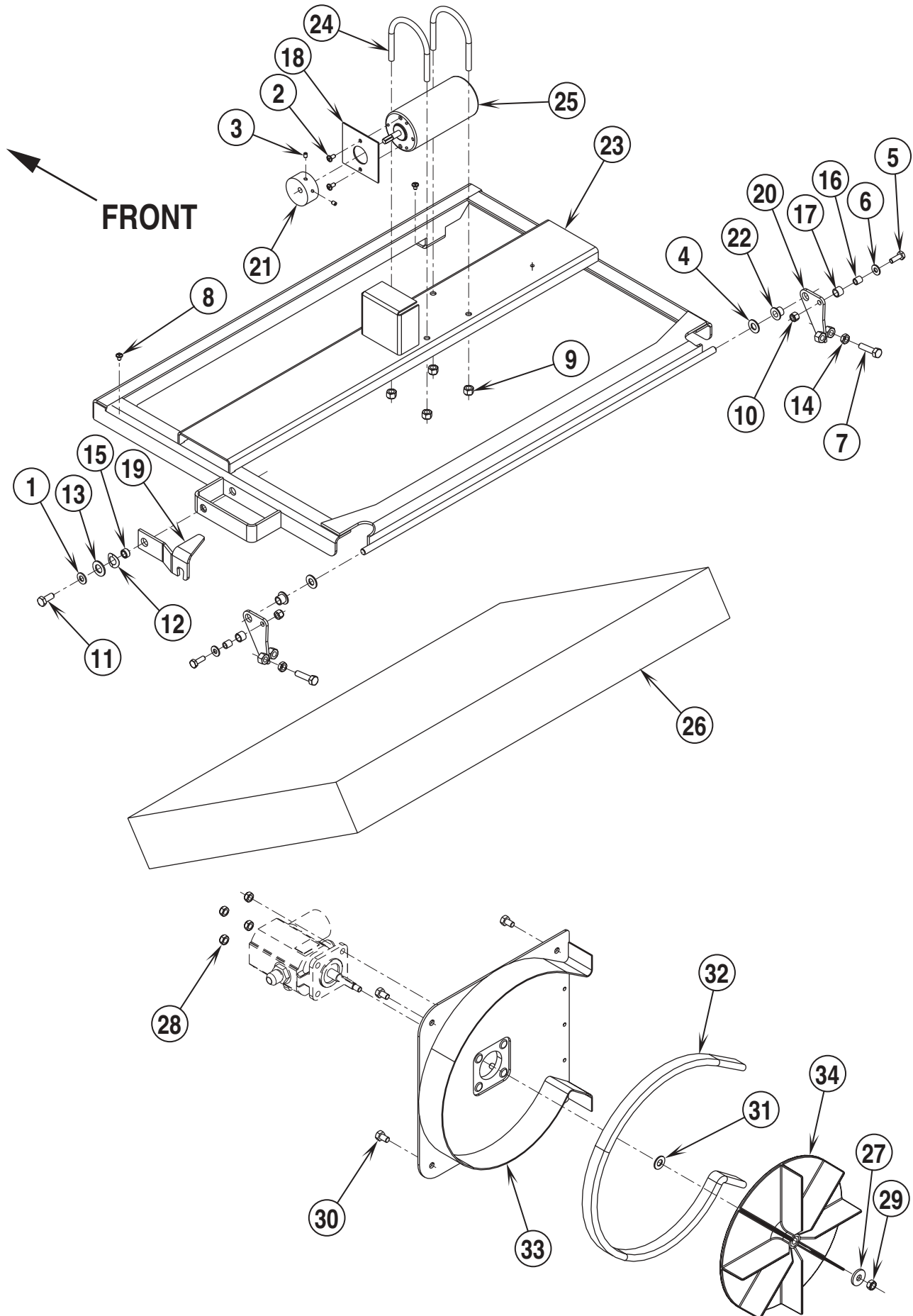
03-1	FRONT WHEEL SYSTEM	BOOK F		
05-2	Retriever™ 6250 / SR 1800	F	8.9.1	33

Item	Ref. No.	Qty	Description
1	56002330	1	Pin Cotter 3/16 x 1.75
2	56003384	5	Nut, Lug M14 x 1.50
3	56003485	4	Scr, Hex Hd 1/2-20 x 1.00
4	56101265	1	Nut, Hex Castle 1-14 Thin
5	56418075	1	Tire Assembly
*	56003179	6	Scr, Hex Thd To Hd M8-1.25 x 20mm
*	56003389	6	Nut, Hex Nyl Loc M8-1.25
*	56418076	1	Rim, 8.00 x 3.75
*	56418077	1	Tire, 5.70 / 5.00-8N
*	56418371	1	Tube
**	56418361	1	Tire, Cushion
**	56419328	1	Tire, Non-Marking
**	56419455	1	Foam Fill Front Tire Assy
6	56418124	1	Front Hub Assembly
6a	56418080	5	Stud, M14-1.50 x 35.3
6b	56418082	1	Hub, Front
6c	56418299	5	Bushing, .75 x .56 x .29
6d	56418472	2	Bearing, Ball
7	56418467	1	Brake Assembly
7a	56002684	1	Scr, Hex Hd 3/8-16 x 1.75
7b	56418582	1	Bearing, Flange
7c	56418578	1	Casting, Mount
7d	56003108	1	Ring, Ret Ext .75 Dia.
7e	56418473	2	Brake Shoe
7f	56418581	2	Spring
7g	56418579	1	Cam
7h	56002769	1	Nut, Hex Nyl Loc 3/8-16
7i	56418580	1	Lever
8	56418480	1	Washer, Adapter
9	56418481	1	Washer, Thick
10	56462696	1	Hub Cap
11	56001879	4	Wsh, Flt SAE 1/2

* = Not Shown

** = Optional

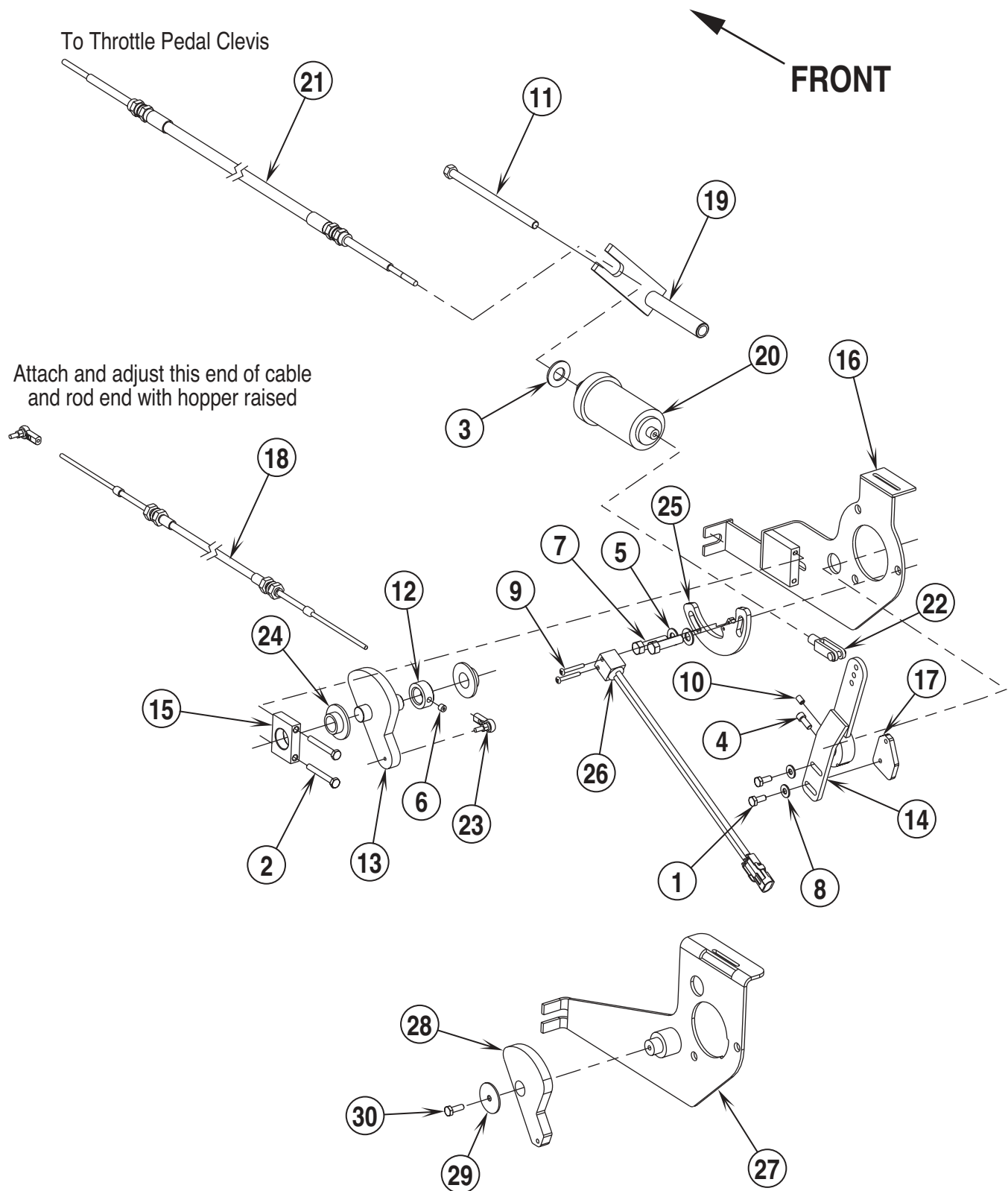
Note: All quantities shown on this page reflect one Front Wheel System only, there are two Front Wheel Systems on the machine.



03-1	DUST CONTROL SYSTEM	BOOK F		
	Retriever™ 6250 / SR 1800	F	8.9.1	35

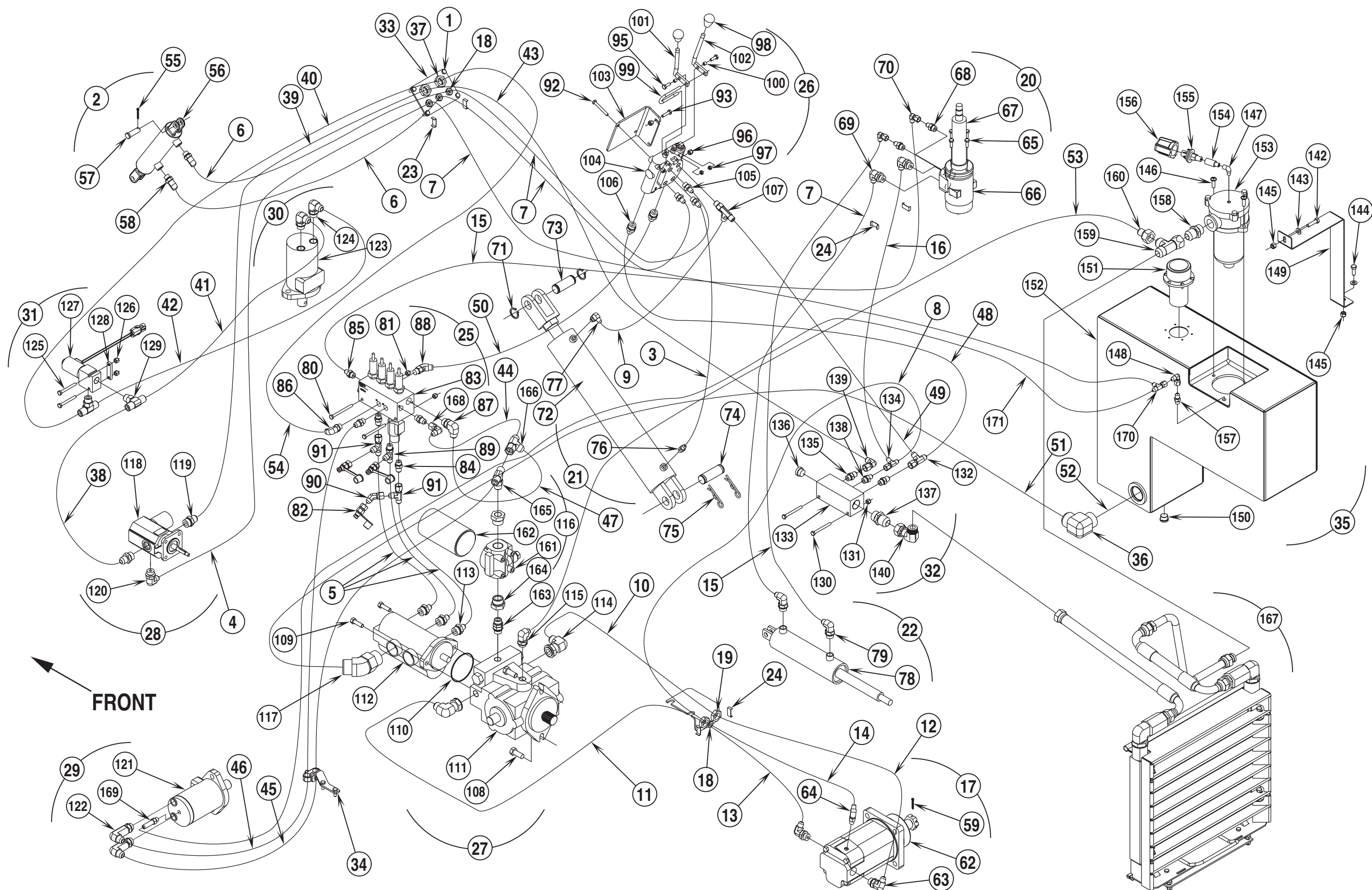
Item	Ref. No.	Qty	Description
	56418253	1	Shaker Assy (#1-25)
1	56001939	1	Wsh, Flt SAE 5/16
2	56002001	2	Scr, Pan Phil (UNF) 10-32 x .38
3	56002015	2	Scr, Soc Set loc 10-24 x .25
4	56002063	2	Wsh, Flt SAE 3/8
5	56002093	2	Scr, Hex Hd 1/4-20 x 1.00
6	56002098	2	Wsh, Flt SAE 1/4
7	56002187	2	Scr, Hex Thd To Hd 5/16-18 x 1.25
8	56002453	2	Scr, Pan Phil 10-24 x .25
9	56002701	4	Nut, Hex Nyl Loc 5/16-18
10	56002708	2	Nut, Hex Nyl Loc 1/4-20
11	56002956	1	Scr, Hex Hd Loc 5/16-18 x .75
12	56009001	1	Wsh, Bowed .516 x .906 x .008
13	56009003	1	Wsh, Flt .516 x .938 x .075
14	56009086	2	Nut, Hex Jam 5/16-18
15	56320595	1	Bushing .32 x .50 x .28
16	56321532	2	Bushing .25 x .37 x .40
17	56370754	2	Bearing, Sleeve
18	56416280	1	Shield, Shaker
19	56416511	1	Latch, Shaker
20	56416625	2	Shaker Hinge Weld't.
21	56416671	1	Eccentric
22	56416675	2	Bushing, Flange
23	56418234	1	Shaker Weld't.
24	56468329	2	U-Bolt
25	56418389	1	Motor, 12 VDC
*	56491823	1	Brush Kit for 56418389
*	56900218	1	Plug for 56418389
*	56900215	2	Connector Pin for 56900218
26	56482305	1	Filter
	56418488	1	Impeller Assy (#27-34)
27	56001939	1	Wsh, Flt SAE 5/16
28	56002826	4	Nut, Hex Nyl Loc-Thin 5/16-18
29	56002866	1	Nut, Hex Nyl Loc-Thin 5/16-24
30	56002923	4	Scr, Hex Hd Loc 5/16-18 x .50
31	56009213	1	Wsh, Flt .392 x 1.00 x .075
32	56419370	1	Trim-Seal
33	56418784	1	Impeller Bracket Weld't.
34	56418897	1	Impeller

* = Not Shown



03-1	LINKAGE ASSEMBLY	BOOK F		
	Retriever™ 6250 / SR 1800	F	8.9.1	37

Item	Ref. No.	Qty	Description
	56418783	1	Linkage Assembly
1	56001836	2	Scr, Hex Hd 1/4-20 x .62
2	56001874	2	Scr, Hex Hd 1/4-20 x 2.00 (only on SR 1800 before SN 1477917)
3	56002022	1	Wsh, Flt SAE 5/8
4	56002032	1	Scr, Soc Hd 1/4-20 x .62
5	56002063	2	Wsh, Flt SAE 3/8
6	56002086	1	Scr, Soc Set Loc 5/16-18 x .25 (only on SR 1800 before SN 1477917)
7	56002095	2	Scr, Hex Hd 3/8-16 x 1.50
8	56002098	2	Wsh, Flt SAE 1/4
9	56002697	2	Scr, Pan Phil 8-32 x 1.25
10	56002930	1	Scr, Soc Set Loc 1/4-20 x .38
11	56003044	1	Scr, Hex Hd 3/8-16 x 6.50
12	56367095	1	Collar, Shaft (only on SR 1800 before SN 1477917)
13	56418178	1	Actuator Weld't. (only on SR 1800 before SN 1477917)
14	56418181	1	Arm Weld't.
15	56418184	1	Pivot, Actuator (only on SR 1800 before SN 1477917)
16	56418612	1	Interlock Bracket Weld't. (only on SR 1800 before SN 1477917)
17	56418613	1	Plate, Cam
18	56418615	1	Cable, Push / Pull
19	56418892	1	Bracket Weld't.
20	56482539	1	Hydroback
21	56482540	1	Cable, Control
22	56482542	1	Clevis Assembly
23	56488290	2	Rod End
24	56491648	2	Bearing, Flange (only on SR 1800 before SN 1477917)
25	56418966	1	Mount, Neutral Start Switch
26	56460005	1	Sealed Ball Switch Assy (Neutral Start Switch)
27	56419340	1	Interlock Bracket Weldment (on SR 1800, used after SN 1477916 & all Retriever 6250 models)
28	56419337	1	Cam, Nylon (on SR 1800, used after SN 1477916 & all Retriever 6250 models)
29	56009225	1	Washer, Fender (on SR 1800, used after SN 1477916 & all Retriever 6250 models)
30	56002948	1	Scr Hex Loc 1/4-20 x .75 (on SR 1800, used after SN 1477916 & all Retriever 6250 models)



BOOK F			HYDRAULIC SYSTEM	03-1
F	8.9.1	40	Retriever™ 6250 / SR 1800	

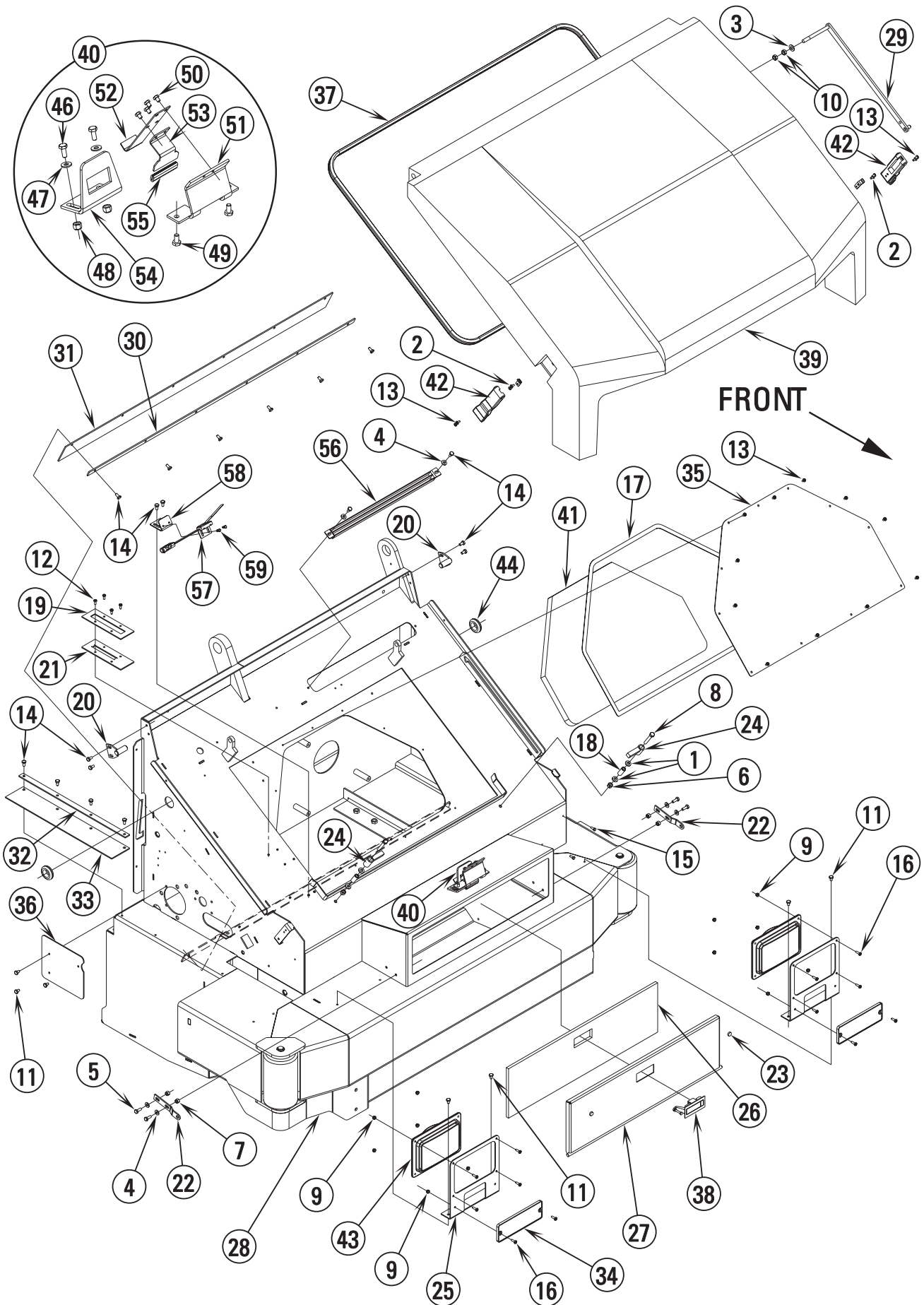
Item	Ref. No.	Qty	Description	Item	Ref. No.	Qty	Description
1	56009018	4	Scr, Hex Thd Form 1/4-20 x .75	47	56419074	1	Hose Assy
2	56416121	1	Hopper Door Cylinder Assy (#55-58)	48	56419075	1	Hose Assy
3	56416487	1	Hydraulic Hose	49	56419076	1	Hose Assy
4	56418312	1	Hose Assy	50	56419077	1	Hose Assy
5	56418315	3	Hose Assy	51	56419078	1	Hose Assy
6	56418321	2	Hose Assy	52	56419079	1	Hose Assy
7	56418333	4	Hose Assy	53	56419080	1	Hose Assy
8	56419182	1	Hose Assy	54	56419081	1	Hose Assy
9	56418338	1	Hose Assy	55	56002529	2	Pin, Cotter .12 x 1.00
10	56418346	1	Hose Assy	56	56416202	1	Cylinder, Hydraulic
11	56418347	1	Hose Assy	57	56486733	2	Pin
12	56418348	1	Hose Assy	58	56900110	2	Elbow, 90 O-Ring
13	56418349	1	Hose Assy	59	56002181	1	Pin, Cotter .12 x 1.50
14	56418350	1	Hose Assy	60			Intentionally Omitted
15	56418351	2	Hose Assy	61			Intentionally Omitted
16	56418352	1	Hose Assy	62	56418448	1	Motor, Wheel (TSB 775, SR 1800 only)
17	56418736	1	Wheel Motor Assy (#59-64)	*	56418833	1	Seal Kit for 56418448
18	56418744	4	Locknut, Bulkhead	63	56900116	2	Elbow, 90 O-Ring
19	56418745	2	Locknut, Bulkhead	64	56900151	1	Elbow, 45 O-Ring W/Nut
20	56418752	1	Steering Unit Assy (#65-70)	65	56003174	4	Scr, Hex Thd To Hd M6-1.0 x 16mm
21	56418762	1	Lift Cylinder Assy (#71-77)	66	56418452	1	Steering Control Unit
22	56418765	1	Steering Cylinder Assy (#78-79)	67	56477003	1	Steering Column
23	56462977	1	Sleeve	68	56900011	2	Connector, O-Ring
24	56463427	2	Sleeve	69	56900110	2	Elbow, 90 O-Ring
25	56418968	1	Relief Block Assy (#80-91, 168)	70	56900301	2	Elbow, 90 W/Nut
*	56419106	1	Seal Kit for 56418968	71	56003258	2	Ring, Ret Ext
26	56418970	1	Directional Control Valve Assy (#92-107)	72	56100038	1	Cylinder, Hopper
27	56418972	1	Pump Assy (#108-117 & 161-166)	*	56479687	1	Seal Kit for 56100038
28	56418973	1	Impeller Motor Assy (#118-120)	73	56418625	1	Pin, Cylinder Short
29	56418975	1	Main Broom Motor Assy (#121-122, 169)	74	56477581	1	Pin
30	56418977	1	Side Broom Motor Assy (#123-124)	75	56477583	2	Pin, .15 Hairpin Cotter
31	56418978	1	Side Broom Valve Assy (#125-129)	76	56900001	1	Connector, O-Ring
32	56418979	1	Manifold Hydraulic Assy (#130-140)	77	56900101	1	Elbow, 90 O-Ring
33	56418980	1	Plate, Bulkhead	78	56418441	1	Cylinder, Hydraulic
34	56418988	1	Hose Bracket Assy	*	56488723	1	Seal Kit for 56418441
*	56001833	1	Scr, Hex Hd 1/4-20 x 1.50	79	56900101	2	Elbow, 90 O-Ring
*	56002155	2	Scr, Hex Hd 1/4-20 x .75	80	56002603	2	Scr, Hex Hd 1/4-20 x 3.00
*	56002708	1	Nut, Hex Nyl Loc 1/4-20	81	56002708	2	Nut, Hex Nyl Loc 1/4-20
*	56492753	1	Clamp, Tube	82	56418865	3	Coupling, #6 Test Port
*	56418989	1	Bracket, Hose	83	56418964	1	Block, Relief
35	56418990	1	Reservoir Assy (#142-160, 170)	*	56419397	A/R	Relief Valve Cartridge (4 per relief block)
36	56419063	1	Elbow, 90 Union 37	*	56419396	A/R	Solenoid Valve Cartridge
37	56419064	2	Locknut, Bulkhead	*	56419395	A/R	Flow Divider Cartridge
38	56419065	1	Hose Assy	84	56900003	4	Connector, O-Ring
39	56419066	1	Hose Assy	85	56900011	1	Connector, O-Ring
40	56419067	1	Hose Assy	86	56900103	1	Elbow, 90 O-Ring
41	56419068	1	Hose Assy	87	56900104	1	Elbow, 90 O-Ring
42	56419069	1	Hose Assy	88	56900153	1	Elbow, 45 O-Ring W/Nut
43	56419070	1	Hose Assy	89	56900203	1	Tee, Run O-Ring
44	56419071	1	Hose Assy	90	56900323	1	Elbow, 45 W/Nut
45	56419072	1	Hose Assy	91	56900343	2	Tee, Run W/Nut
46	56419073	1	Hose Assy				

* = Not Shown

03-1	HYDRAULIC SYSTEM	BOOK F		
04-6	Retriever™ 6250 / SR 1800	F	8.9.1	41

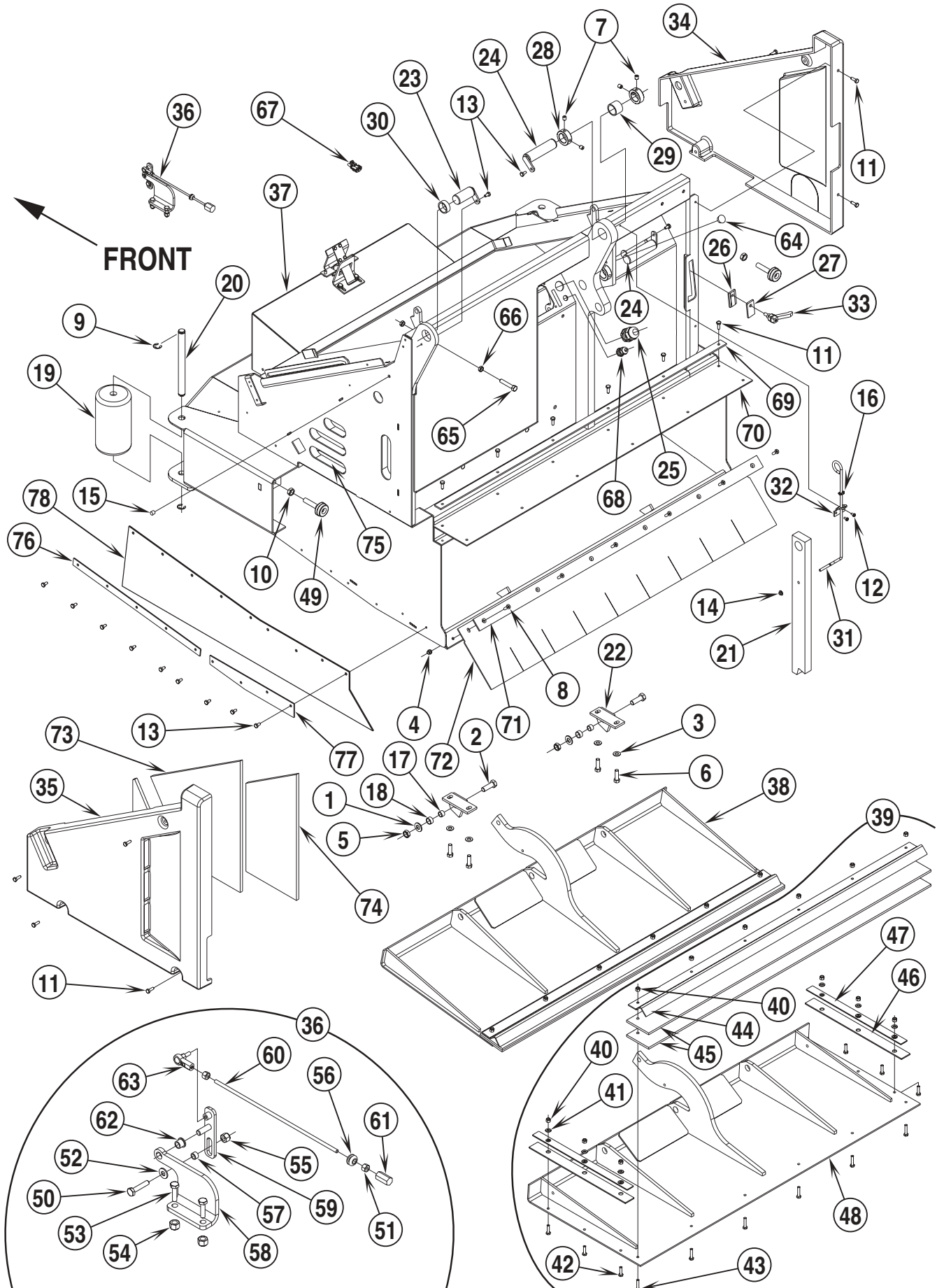
Item	Ref. No.	Qty	Description	Item	Ref. No.	Qty	Description
92	56001874	2	Scr, Hex Hd 1/4-20 x 2.00	129	56900254	2	Tee, Branch O-Ring
93	56002093	2	Scr, Hex Hd 1/4-20 x 1.00	130	56001855	2	Scr, Hex Hd 1/4-20 x 2.50
94			Intentionally Omitted	131	56002708	2	Nut, Hex Nyl Loc 1/4-20
95	56002504	2	Scr, Hex Hd 10-24 x .75	132	56900343	1	Tee, Run W/Nut
96	56002708	5	Nut, Hex Nyl Loc 1/4-20	133	56418998	1	Manifold, Hydraulic
97	56002832	2	Nut, Hex Nyl Loc-Thin 10-24	134	56900341	1	Tee, Run W/Nut
98	56378534	2	Knob	135	56900003	2	Connector, O-Ring
99	56416246	1	U-Clip, Valve	136	56463403	1	Plug, Hex Soc O-Ring
100	56416394	2	Bushing	137	56900006	1	Connector, O-Ring
101	56418657	1	Left Lever Weld't.	138	56900011	1	Connector, O-Ring
102	56418658	1	Right Lever Weld't.	139	56900303	1	Elbow, 90 W/Nut
103	56418660	1	Bracket, Valve	140	56900306	1	Elbow, 90 W/Nut
104	56418969	1	Valve, Directional Control	141			Intentionally Omitted
*	56418819	1	Seal for 56418969	142	56001834	1	Scr, Hex Hd 5/16-18 x 1.25
105	56900011	3	Connector, O-Ring	143	56001939	2	Wsh, Flt SAE 5/16
106	56900013	2	Connector, O-Ring	144	56002037	1	Scr, Hex Hd 5/16-18 x .88
107	56900203	1	Tee, Run O-Ring	145	56002701	2	Nut, Hex Nyl Loc 5/16-18
108	56001831	2	Scr, Hex Hd 1/2-13 x 1.25	146	56002943	2	Scr, Pan Phil Loc 5/16-18 x 1.00
109	56002254	2	Scr, Hex Hd 3/8-24 x 1.25	147	56111309	1	Elbow, 90 Street
110	56488002	1	O-Ring	148	56900301	1	Elbow, 90 W/Nut
111	56497918	1	Pump, Piston	149	56418787	1	Strap, Hydraulic Reservoir
*	56418825	1	Seal Kit for 56497918	150	56463403	1	Plug, Hex Soc O-Ring
112	56418963	1	Pump, Triple Gear	151	56479656	1	Cap, Filler
*	56418987	1	Seal Kit for 56418963	152	56418914	1	Reservoir Weld't.
113	56900014	3	Connector, O-Ring	153	56418992	1	Oil Filter Assy
114	56900116	2	Elbow, 90 O-Ring	*	56419083	1	Replacement Oil Filter
115	56900115	1	Elbow, 90 O-Ring	154	56418993	1	Adapter, 1/8 NPT
116	56419255	1	Oil Filter Assembly (#161-166)	155	56418994	1	Switch, N.O. Pressure
117	56900915	1	Elbow, 45 STR.-THD.	156	56419241	1	Dust Boot
118	56418971	1	Motor, Hydraulic	157	56900001	1	Connector, O-Ring
*	56419178	1	Seal Kit for 56418971	158	56900006	1	Connector, O-Ring
*	56419176	1	Solenoid Cartridge for 56418971	159	56900346	1	Tee, Run W/Nut
*	56419177	1	Solenoid Coil for 56418971	160	56900469	1	Reducer
119	56900004	2	Connector, O-Ring	161	56419253	1	Head, Oil Filter
120	56900101	1	Elbow, 90 O-Ring	162	56419254	1	Oil Filter Cartridge
121	56418974	1	Motor, Main Broom	163	56900924	1	Union, Straight Thread
			(TSB 777, SR 1800 only)	164	56900604	2	Reducer, Straight Thread
*	56479577	1	Seal Kit for 56418974	165	56900254	1	Tee, Branch O-Ring
122	56900524	2	Elbow, 90 Long O-Ring	166	56900344	1	Tee, Run W/Nut
123	56418976	1	Motor, Side Broom	167	56418952	1	Oil Cooler Assy (diesel)
*	56479577	1	Seal Kit for 56418976				(see Radiator Assembly (diesel))
124	56900104	2	Elbow, 90 O-Ring		56419146	1	Oil Cooler Assy (gas/propane/dual fuel)
125	56001856	2	Scr, Hex Hd 1/4-20 x 2.25				(see Radiator Assembly (gas))
126	56002708	2	Nut, Hex Nyl Loc 1/4-20	168	56900303	1	Elbow, 90 W/Nut
127	56418104	1	Valve, Solenoid	169	56900051	1	Connector, Extended O-Ring
*	56418816	1	Seal Kit for 56418104				(TSB 731, SR 1800 only)
128	56418986	1	Spacer, Solenoid Valve	170	56900341	1	Tee, Run W/Nut (TSB 731, SR 1800 only)
				171	56419362	1	Hose Assy (TSB 731, SR 1800 only)

* = Not Shown



03-1	HOPPER SYSTEM-1	BOOK F		
03-10	Retriever™ 6250 / SR 1800	F	8.9.1	43

Item	Ref. No.	Qty	Description
1	56001939	4	Wsh, Flt SAE 5/16
2	56002043	4	Scr, Pan Phil 10-24 x .38
3	56002063	1	Wsh, Flt SAE 3/8
4	56002098	6	Wsh, Flt SAE 1/4
5	56002155	4	Scr, Hex Hd 1/4-20 x .75
6	56002701	2	Nut, Hex Nyl Loc 5/16-18
7	56002708	4	Nut, Hex Nyl Loc 1/4-20
8	56002721	2	Scr, Hex Hd 5/16-18 x 2.00
9	56002832	12	Nut, Hex Nyl Loc-Thin 10-24
10	56002841	2	Nut, Hex Nyl Loc-Thin 3/8-16
11	56009019	7	Scr, Hex Thd Form 1/4-20 x .38
12	56009029	4	Scr, Pan Phil Thd Form 10-24 x .50
13	56009030	15	Scr, Pan Phil Thd Form 10-24 x .38
14	56009033	18	Scr, Hex Thd Form 1/4-20 x .50
15	56009039	2	Scr, Hex Thd Form 10-24 x .50
16	56009100	12	Scr, Pan Phil Thd Form-Blk 10-24 x .62
17	56200754	6.5'	Gasket, Strip Raw
18	56300241	2	Bushing .33 x .50 x 1.30
19	56419265	1	Plate, Boot
20	56416247	2	Hopper Cover Hinge Weld't.
21	56419264	1	Boot, Hopper
22	56416365	2	Plate, Hinge
23	56416668	2	Bumper, Self-Adhesive
24	56416674	2	Filter Clamp Weld't.
25	56418086	2	Bracket, Headlight
26	56418172	1	Gasket, Litter Door
27	56418229	1	Litter Door Weld't.
28	56418245	1	Hopper Weld't.
29	56418255	1	Hood Prop Weld't.
30	56418294	1	Strap, Inside Blade
31	56418295	1	Blade, Inside
32	56418296	1	Strap, Dust Shield
33	56418297	1	Shield, Dust
34	56418373	2	Lens, Amber
35	56418453	1	Panel, Access
36	56418664	1	Cover
37	56418815	1	Gasket
38	56418827	1	Latch, Lift & Turn
39	56418842	1	Cover, Hopper
40	56418847	1	Latch Assy (#46-55)
41	56418862	1	Foam
42	56462746	2	Latch
43	56481543	2	Headlight
44	56486116	2	Grommet
45			Intentionally Omitted
46	56001836	2	Scr, Hex Hd 1/4-20 x .62
47	56002098	2	Wsh, Flt SAE 1/4
48	56002708	2	Nut, Hex Nyl Loc 1/4-20
49	56003039	2	Scr, Hex Hd Loc 1/4-20 x .50
50	56009063	4	Scr, Hex Thd Form 10-24 x .25
51	56418843	1	Bracket, Latch
52	56418844	1	Latch
53	56418845	1	Latch Pull
54	56418846	1	Strike, Latch
55	56755581	2"	Trim (5cm)
56	56419322	1	Grille Weldment
57	56418165	1	Switch, Waterproof (on SR 1800 after SN 1477900 & all Retriever 6250 models)
58	56419335	1	Bracket, Switch (on SR 1800 after SN 1477900 & all Retriever 6250 models)
59	56002834	2	Scr, Hex 10-24 x .38 (on SR 1800 after SN 1477900 & all Retriever 6250 models)



03-1	HOPPER SYSTEM-2	BOOK F		
	Retriever™ 6250 / SR 1800	F	8.9.1	45

Item	Ref. No.	Qty	Description	Item	Ref. No.	Qty	Description
1	56001879	2	Wsh, Flt SAE 1/2	47	56419441	2	Strap
2	56001968	2	Scr, Hex Hd 1/2-13 x 1.50	48	56419443	1	Dump Door Weldment
3	56002063	4	Wsh, Flt SAE 3/8	49	56449221	2	Bumper, 1.43 Dia.
4	56002491	6	Nut, Hex Nyl Loc SS 1/4-20	50	56001878	1	Scr, Hex Hd 1/4-20 x 1.25
5	56002843	2	Nut, Hex Nyl Loc-Thin 1/2-13	51	56001987	2	Nut, Hex Machine 10-32
6	56003029	4	Scr, Hex Hd Loc 3/8-16 x 1.25	52	56002098	1	Wsh, Flt SAE 1/4
7	56003081	4	Scr, Soc Set Loc 3/8-16 x .38	53	56002221	2	Scr, Hex Hd 5/16-18 x 1.00
8	56003086	6	Scr, Flt Phil SS 1/4-20 x .88	54	56002701	2	Nut, Hex Nyl Loc 5/16-18
9	56003266	4	Ring, Ret Ext Type E .75 Dia.	55	56002708	1	Nut, Hex Nyl Loc 1/4-20
10	56009016	2	Nut, Hex Jam 1/2-13	56	56321559	1	Grommet
11	56009018	15	Scr, Hex Thd Form 1/4-20 x .75	57	56379298	1	Bushing
12	56009030	2	Scr, Pan Phil Thd Form 10-24 x .38	58	56418152	1	Bracket
13	56009033	12	Scr, Hex Thd Form 1/4-20 x .50	59	56418154	1	Lever Weld't.
14	56009132	1	Nut, Push Cap 1/4	60	56418160	1	Rod
15	56106046	1	Pipe, Plug 1/8 Brass	61	56418889	1	Nut
16	56302164	1	Bearing, Flange	62	56444502	1	Bearing, Flange
17	56360627	2	Bushing	63	56488290	1	Rod End
18	56370878	2	Bearing, Sleeve	64	56900041	1	Plug, Cap
19	56409335	2	Bumper	65	56002091	1	Scr, Hex Hd 3/8-16 x 2.00
20	56409336	2	Pin				(SR 1800 after SN 1477900 & all 6250)
21	56416250	1	Hopper Prop	66	56009085	2	Nut, Hex Jam 3/8-16
22	56416253	2	Hinge Weld't.				(SR 1800 after SN 1477900 & all 6250)
23	56416308	1	Left Hinge Pin Weld't.	67	56462361	1	Conn, 2 Way Female
24	56416309	2	Right Hinge Pin Weld't.	68	56323067	1	Strain Relief
25	56416406	1	Strain Relief	69	56418288	1	Strap, Horizontal Seal
26	56416411	1	Stop, Broom	70	56418289	1	Seal, Horizontal
27	56416412	1	Stop, Broom	71	56418292	1	Strap, Threshold
28	56416498	3	Collar, Hopper Hinge	72	56418982	1	Skirt, Threshold
29	56416535	1	Bearing, Sleeve	73	56418860	1	Foam
30	56416536	1	Bearing, Sleeve	74	56418861	1	Foam
31	56416590	1	Rod, Pull	75	56418863	1	Foam
32	56416592	1	Guide, Pull Rod	76	56418942	1	Strap, Side Blade
33	56416597	1	Handle, Adjustable	77	56418943	1	Strap, Side Blade
34	56418126	1	Panel, Hopper, Right	78	56418944	1	Blade, Litter Shield
35	56418127	1	Panel, Hopper, Left				
36	56418157	1	Switch Actuator Assy (#50-63) (only on SR 1800 before SN 1477901)				* = Not Shown
37	56418245	1	Hopper Weld't.				
38	56419263	1	Dump Door Assy. (TSB 746, TSBUS2002-816, SR 1800 only) (only on SR 1800 before SN 1610505)				
*	56002491	6	Nut, Hex Nyl Loc SS 1/4-20				
*	56002897	6	Scr, Hex Hd SS 1/4-20 x 1.25				
*	56419258	1	Dump Door Weld't.				
*	56418283	1	Angle, Dump Door				
*	56418284	2	Blade, Dump Door				
39	56419442	1	Dump Door Assy. (items 40-48) (TSBUS2002-822, SR 1800 only) (SR 1800 after SN 1610504 & all Retriever 6250 models)				
40	56002491	12	Nut, Hex Nyl Loc SS 1/4-20				
41	56002859	6	Wsh, Flt SAE SS 1/4				
42	56002883	6	Scr, Hex Hd SS 1/4-20 x 1.00				
43	56002897	6	Scr, Hex Hd SS 1/4-20 x 1.25				
44	56418283	1	Angle, Dump Door				
45	56418284	2	Blade, Dump Door				
46	56419440	2	Wiper, Dump Door				



03-1	DIESEL ENGINE SYSTEM	BOOK F		
04-2	Retriever™ 6250 / SR 1800	F	8.9.1	47

Item	Ref. No.	Qty	Description
1	56001834	1	Scr, Hex Hd 5/16-18 x 1.25
2	56419257	1	Heat Shield
3	56001939	4	Wsh, Flt SAE 5/16
4	56002667	1	Scr, Hex Hd 5/16-18 x .75
5	56002701	2	Nut, Hex Nyl Loc 5/16-18
6	56002929	4	Scr, Hex Hd Loc 5/16-18 x .62
7	56009033	3	Scr, Hex Thd Form 1/4-20 x .50
8	56009137	2	Scr, Flt Phil Thd Form 1/4-20 x .62
9	56219932	7	Clamp, Hose SAE #6
10	56418508	1	Fuel Tank Assy (See Diesel Engine System Components)
11	56418777	1	Barb, Connector 5/16 x 5/16
12	56418850	1	Fuel Tank Guard Weld't.
14	56419169	1	Exhaust Pipe Assembly (See Diesel Engine System Components)
15	56418718	1	Fan
*	56418928	1	Fan Spacer
*	56003368	4	Scr, Soc Hd M6-1.00 x 20mm
*	56001836	4	Scr, Hex Hd 1/4-20 x .62
16	56418933	1	Rear Engine Mount Assy (before SN 1703363) (Note 2)
	56419594	1	Rear Engine Mount Assy (after SN 1703362) (Note 2)
17	56418938	1	Fitting, Adapter
18	56418962	1	Assembly, Radiator (See Radiator Assembly (diesel))
19	56419004	1	Air Tube Assembly (See Diesel Engine System Components)
20	56419035	1	Hose, Fuel Line
21	56419050	1	Right Engine Mount Assy (before SN 1703363) (Note 2)
	56419595	1	Right Engine Mount Assy (after SN 1703362) (Note 2)
22	56419051	1	Left Engine Mount Assy (before SN 1703363) (Note 2)
	56419596	1	Left Engine Mount Assy (after SN 1703362) (Note 2)
23	56419052	1	Engine, Diesel
24	56419056	1	Muffler Assembly (See Diesel Engine System Components)
25	56418783	1	Linkage Assembly (See Linkage Assembly)
26	56419058	1	Air Cleaner Assembly (See Diesel Engine System Components)
27	56419059	1	Hose, Fuel Line
28	56419082	1	Throttle Cable Assembly
29	56492259	1	Hose, Fuel Line
30	56419054	1	Fuel Filter Kit
*	56419211	1	Bracket, Fuel Filter
31	56900917	1	Cap, Flare Tube End
*	56900003	1	Connector, O-Ring
32	56481684	1	Hose, Fuel Line (SR 1800 after SN 1451898 & all Retriever 6250) (TSB 734, SR 1800 only)
33	56492885	1	Fuel Filter Kit 1/4 (SR 1800 after SN 1451898 & all Retriever 6250) (TSB 734, SR 1800 only)
34	56323067	1	Strain Relief (SR 1800 after SN 1451898 & all Retriever 6250) (TSB 734, SR 1800 only)
35	56418835	1	Conduit Note 1
*	56463590	1	Glow Plug Timer
*	56419085	1	Alternator
*	56419086	1	Fuel Filter Cartridge
*	56482659	1	Engine Oil Filter
*	56419084	1	Alternator Belt
*	56419087	1	Fan Belt
*	56419088	1	Thermostat
*	56419089	1	Starter Motor
*	56419090	1	Switch, Engine Oil Pressure
*	56419091	1	Switch, Temperature
*	56419445	1	Shutdown Solenoid (TSB 825, SR 1800 only)
*	56419107	1	Exhaust Gasket
**	56419301	1	Stiff Engine Mount Kit
**	56419361	1	Soft Engine Mount Kit

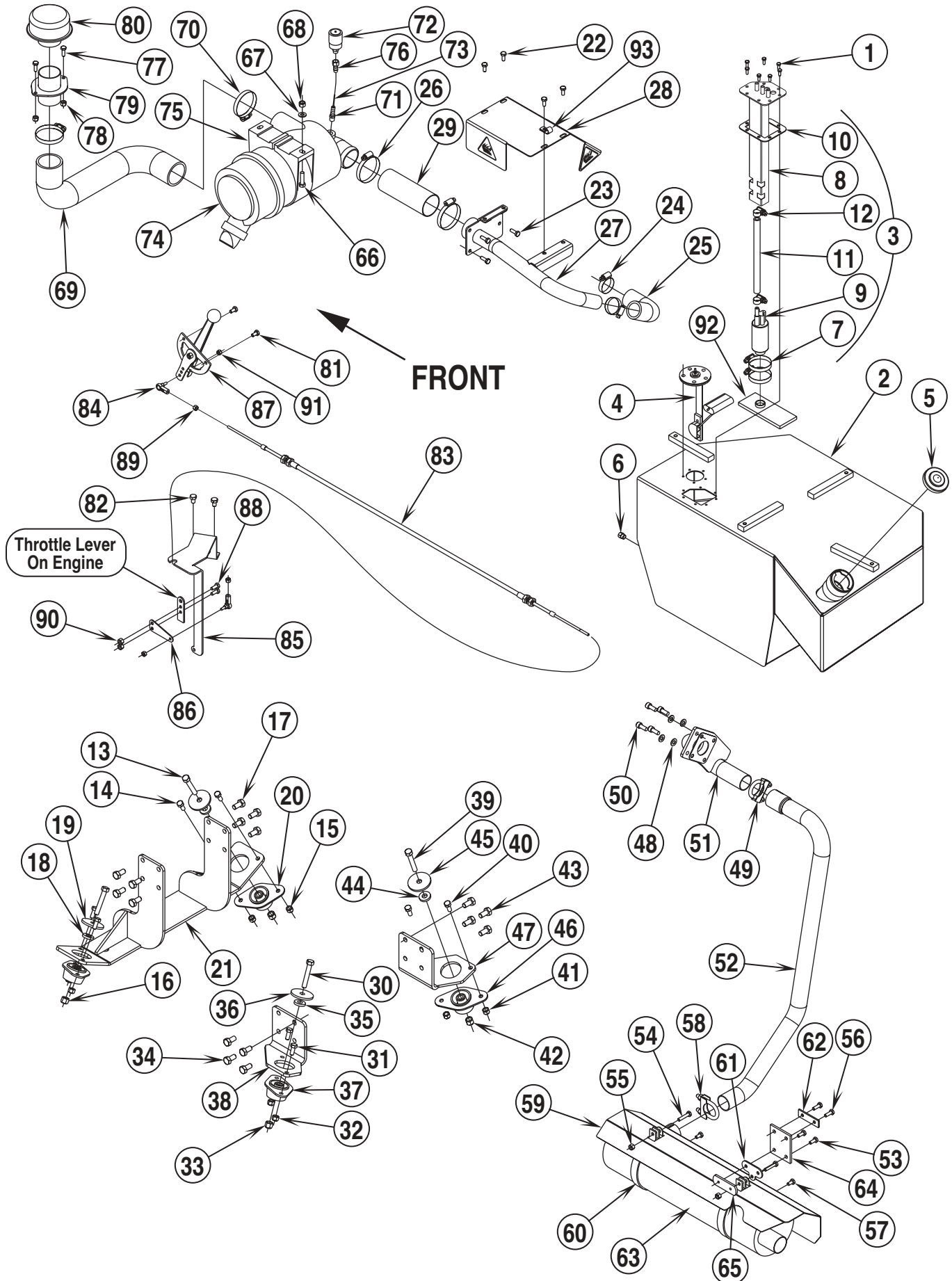
* = Not Shown

** = Optional

Note 1: Item 35 Conduit goes over item 20 Fuel Line.

Note 2: See "Diesel Engine System Components".

FORM NO. 56042443



03-1	DIESEL ENGINE SYSTEM COMPONENTS	BOOK F		
03-10	Retriever™ 6250 / SR 1800	F	8.9.1	49

Item	Ref. No.	Qty	Description	Item	Ref. No.	Qty	Description
	56418508	1	Fuel Tank Assembly (#1-12, 92)	46	56419300	1	Mount, Isolator, Stiff
1	56009039	7	Scr, Hex Thd Form 10-24 x .50		56418099	1	Mount, Isolator
2	56418185	1	Fuel Tank Weldment	47	56418927	1	Bracket, Engine Left (Note 1)
3	56418794	1	Fuel Pump Assy (#7-12, 92)		56419593	1	Bracket, Engine Left (Note 2)
4	56478358	1	Sender, Fuel Level		56419169	1	Exhaust Pipe Assembly (#48-52)
5	56478502	1	Cap, Fuel Tank (only on SR 1800 before SN 1451899) (TSB 734, SR 1800 only)	48	56001939	4	Wsh, Fit SAE 5/16
	56419318	1	Cap, Non-Vented (SR 1800 after SN 1451898 & all 6250) (TSB 734, SR 1800 only)	49	56343236	1	Clamp, Muffler
6	56481546	1	Plug, Hex pipe	50	56003619	4	Scr, Soc Hd M8-1.25 x 20mm
7	56329145	2	Clamp, Hose SAE #24	51	56419170	1	Exhaust Pipe Weldment
8	56418789	1	Fuel Pump Bracket Weld't.	*	56419107	1	Exhaust Gasket for 56419170
9	56418793	1	Fuel Pump	52	56419173	1	Exhaust Pipe Weldment
10	56418795	1	Gasket		56419056	1	Muffler Assembly (#53-65)
11	56492253	1	Hose, Fuel Line	53	56001836	2	Scr, Hex Hd 1/4-20 x .62
12	56756364	2	Clamp, Hose SAE #4	54	56001878	2	Scr, Hex Hd 1/4-20 x 1.25
	56418933	1	Rear Engine Mount Assy (#13-21) (Note 1)	55	56002708	2	Nut, Hex Nyl Loc 1/4-20
	56419594	1	Rear Engine Mount Assy (#13-21) (Note 2)	56	56009018	2	Scr, Hex Thd Form 1/4-20 x .75
13	56002058	2	Scr, Hex Hd 3/8-16 x 2.25	57	56009033	2	Scr, Hex Thd Form 1/4-20 x .50
14	56002667	4	Scr, Hex Hd 5/16-18 x .75	58	56343236	1	Clamp, Muffler
15	56002701	4	Nut, Hex Nyl Loc 5/16-18	59	56418222	1	Shield, Heat
16	56002769	2	Nut, Hex Nyl Loc 3/8-16	60	56418225	2	Clamp Weld't.
17	56003185	8	Scr, Hex Thd To Hd M10-1.25 x 20mm	61	56418228	1	Plate, Muffler Hanging
18	56009106	2	Wsh, Flt .453 x 1.00 x .179	62	56418376	1	Strap, Right Broom Housing
19	56009274	2	Wsh, Flt .438 x 2.00 x .164	63	56419175	1	Muffler, Diesel
20	56419300	2	Mount, Isolator, Stiff	64	56478726	1	Mount
	56418099	2	Mount, Isolator	65	56481468	1	Nut Plate
21	56418932	1	Weldment, Engine Mount (Note 1)		56419058	1	Air Cleaner Assembly (#66-80)
	56419590	1	Weldment, Engine Mount (Note 2)	66	56001834	2	Scr, Hex Hd 5/16-18 x 1.25
	56419004	1	Air Tube Assembly (#22-29, 93)	67	56001939	2	Wsh, Flt SAE 5/16
22	56001836	4	Scr, Hex Hd 1/4-20 x .62	68	56002701	2	Nut, Hex Nyl Loc 5/16-18
23	56009018	3	Scr, Hex Thd Form 1/4-20 x .75	69	56418430	1	Hose, Flexible Air Inlet
24	56131601	2	Clamp, Hose SAE #16	70	56440213	2	Clamp, Hose SAE #32
25	56418227	1	Hose, Lower Radiator	71	56477523	1	Barb, Adapter 5/16 x 18NPT
26	56440213	2	Clamp, Hose SAE #32	72	56478461	1	Indicator, Service
27	56419000	1	Air Tube Weldment	73	56492259	1	Hose, Fuel Line
28	56419093	1	Heat Shield	74	56482478	1	Cleaner, Air
29	56419144	1	Hose, Flex	*	56482028	1	Replacement Safety Filter
	56419050	1	Right Engine Mount Assy (#30-38) (Note 1)	*	56482029	1	Replacement Primary Filter
	56419595	1	Right Engine Mount Assy (#30-38) (Note 2)	75	56482621	1	Band Assy
30	56002058	1	Scr, Hex Hd 3/8-16 x 2.25	76	56751300	1	Barb, Hose Female
31	56002667	2	Scr, Hex Hd 5/16-18 x .75		56419313	1	Inlet Hood Assembly (#77-80) (TSB 735, SR 1800 only)
32	56002701	2	Nut, Hex Nyl Loc 5/16-18	77	56002155	2	Scr, Hex Hd 1/4-20 x .75
33	56002769	1	Nut, Hex Nyl Loc 3/8-16	78	56002708	2	Nut, Hex Nyl Loc 1/4-20
34	56003185	4	Scr, Hex Thd To Hd M10-1.25 x 20mm	79	56419314	1	Flange Weldment
35	56009106	1	Wsh, Flt .453 x 1.00 x .179	80	56419312	1	Hood, Inlet
36	56009274	1	Wsh, Flt .438 x 2.00 x .164		56419082	1	Throttle Cable Assembly (#81-91)
37	56419300	1	Mount, Isolator, Stiff	81	56003039	2	Scr, Hex Hd Loc 1/4-20 x .50
	56418099	1	Mount, Isolator	82	56003177	2	Scr, Hex M8-1.25 x 12mm
38	56418926	1	Bracket, Engine Right (Note 1)	83	56418615	1	Cable, Push / Pull
	56419592	1	Bracket, Engine Right (Note 2)	84	56488290	2	Rod End
	56419051	1	Left Engine Mount Assy (#39-47) (Note 1)	85	56419030	1	Bracket, Throttle Cable
	56419596	1	Left Engine Mount Assy (#39-47) (Note 2)	86	56419031	1	Throttle Lever Extension
39	56002058	1	Scr, Hex Hd 3/8-16 x 2.25	87	56456328	1	Lever Assy
40	56002667	2	Scr, Hex Hd 5/16-18 x .75	88	56001836	2	Scr, Hex Hd 1/4-20 x .62
41	56002701	2	Nut, Hex Nyl Loc 5/16-18	89	56001987	2	Nut, Hex Machine 10-32
42	56002769	1	Nut, Hex Nyl Loc 3/8-16	90	56002708	2	Nut, Hex Nyl Loc 1/4-20
43	56003185	4	Scr, Hex Thd To Hd M10-1.25 x 20mm	91	56002873	2	Nut, Hex Nyl Loc 10-32
44	56009106	1	Wsh, Flt .453 x 1.00 x .179	92	56419307	1	Fuel Strainer
45	56009274	1	Wsh, Flt .438 x 2.00 x .164	93	56442011	1	Clamp, P

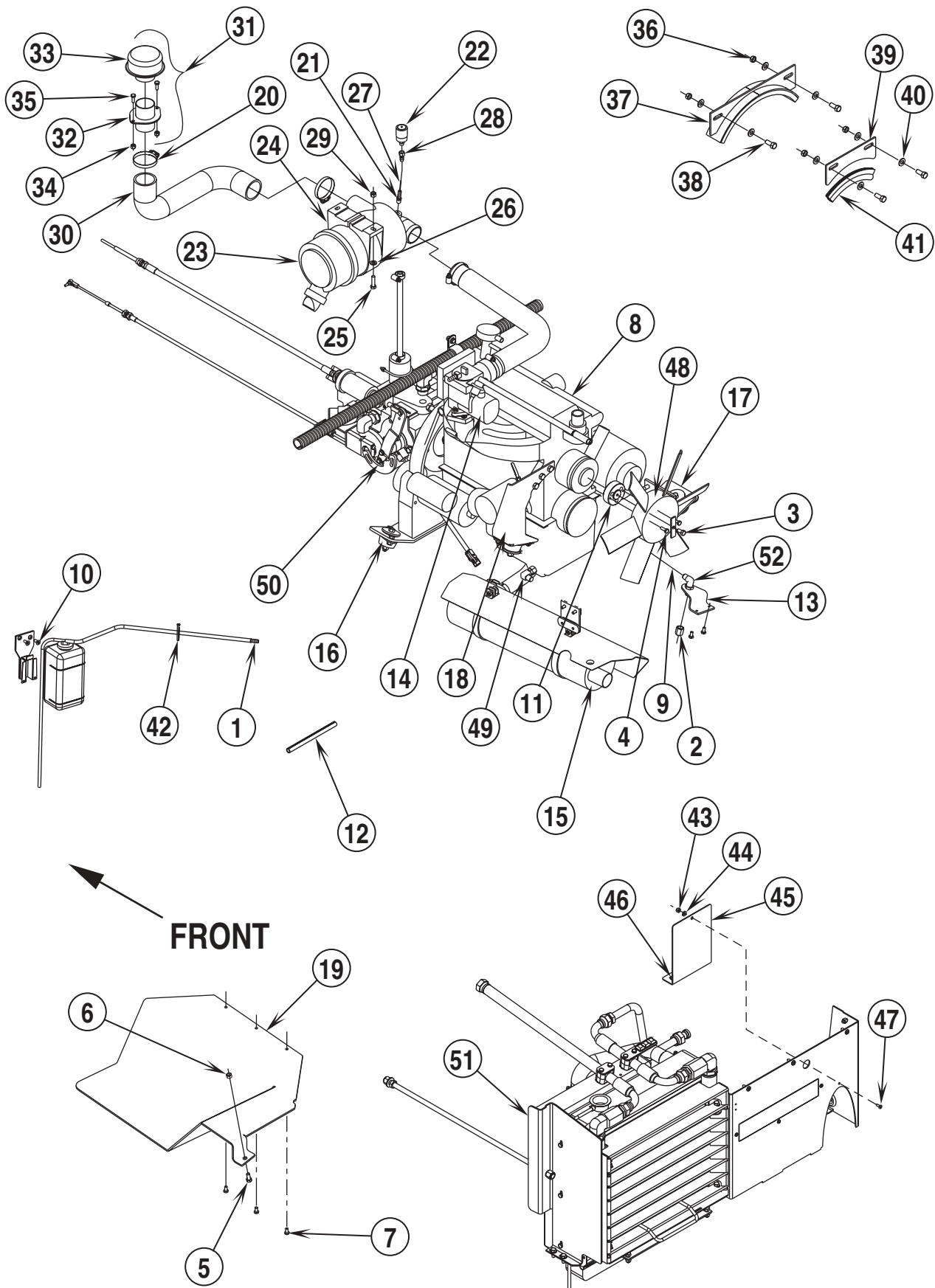
* = Not Shown

Note 1: Used before SN 1703363

Note 2: Used after SN 1703362

03-1	RADIATOR ASSEMBLY (diesel)	BOOK F		
04-6	Retriever™ 6250 / SR 1800	F	8.9.1	51

Item	Ref. No.	Qty	Description
	56418962	1	Radiator Assembly (#1-43)
1	56001854	6	Scr, Hex Hd 1/4-20 x .50
2	56001874	4	Scr, Hex Hd 1/4-20 x 2.00
3	56002155	4	Scr, Hex Hd 1/4-20 x .75
4	56002708	4	Nut, Hex Nyl Loc 1/4-20
5	56002768	3	Nut, Hex Nyl Loc 10-24
6	56002770	2	Nut, Hex Nyl Loc 1/2-13
7	56009016	2	Nut, Hex Jam 1/2-13
8	56009033	1	Scr, Hex Thd Form 1/4-20 x .50
9	56009100	3	Scr, Pan Phil Thd Form-Blk 10-24 x .62
10	56131601	6	Clamp, Hose SAE #16
11	56416418	1	Lens, Tail Light
12	56419290	1	Hose, Radiator
13	56418227	2	Hose, Lower Radiator
14	56305316	1	Radiator
15	56418605	2	Gasket, Bulb
16	56418952	1	Oil Cooler Assembly (#24-40 & 48)
17	56419282	1	Shroud Weld't.
18	56419280	1	Weld't., Radiator Mount
19	56418961	1	Back Panel
20	56419403	1	Tube, Radiator Weldment
21	56419007	1	Stiffener
22	56419041	4	Clamp
23	56419042	1	Plate, Clamp
24	56001836	2	Scr, Hex Hd 1/4-20 x .62
25	56001939	10	Wsh, Flt SAE 5/16
26	56002037	2	Scr, Hex Hd 5/16-18 x .88
27	56002701	6	Nut, Hex Nyl Loc 5/16-18
28	56002708	2	Nut, Hex Nyl Loc 1/4-20
29	56900117	2	Elbow, 90 O-Ring
30	56418605	1	Gasket, Bulb
31	56418953	1	Coller, Oil
32	56418954	2	Swivel
33	56418955	1	Gasket
34	56418344	1	Hose Assembly
35	56419297	1	Tube Weldment D
36	56419008	1	Grill Weld't.
37	56419016	1	Axle Weld't.
38	56419036	2	Roller
39	56419524	1	Roller Stop Weld't. (after SN 1705327)
	56419037	1	Roller Stop Weld't. (before SN 1705328) (Old Style)
40	56419298	1	Hose Assembly
41	56419180	1	Prop Rest
42	56402940	3	Bumper
43	56492259	1	Hose, Fuel Line
44	56002667	3	Scr, Hex Hd 5/16-18 x .75
45	56001939	2	Wsh, Flt SAE 5/16
46	56002701	1	Nut, Hex Nyl Loc 5/16-18
47	56744580	1	Plug, NPT 3/8 Brass
48	56002221	4	Scr, Hex Hd 5/16-18 x 1.00



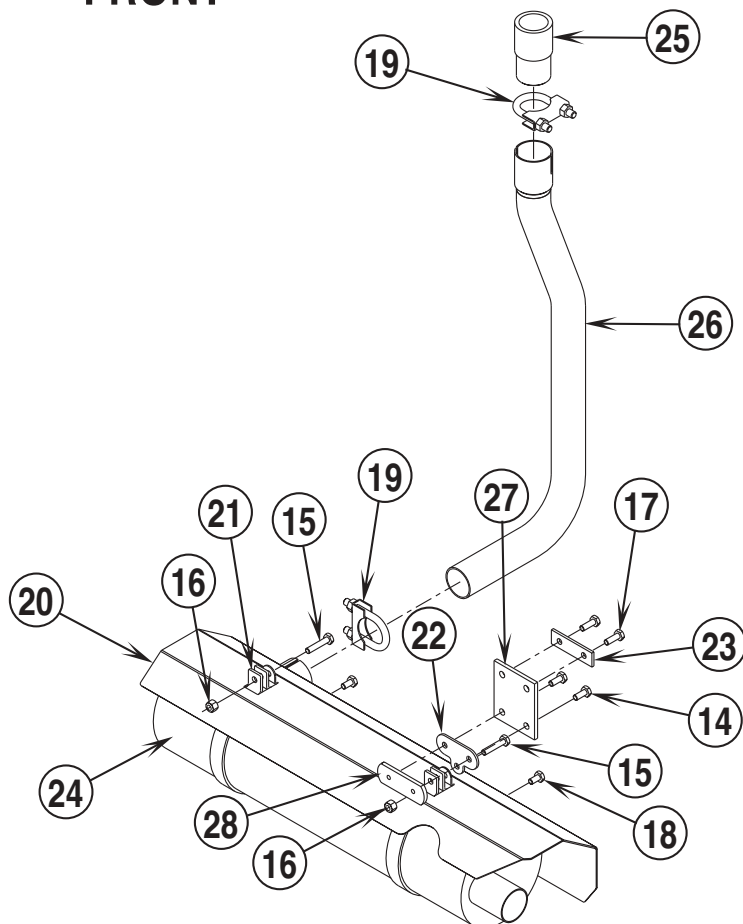
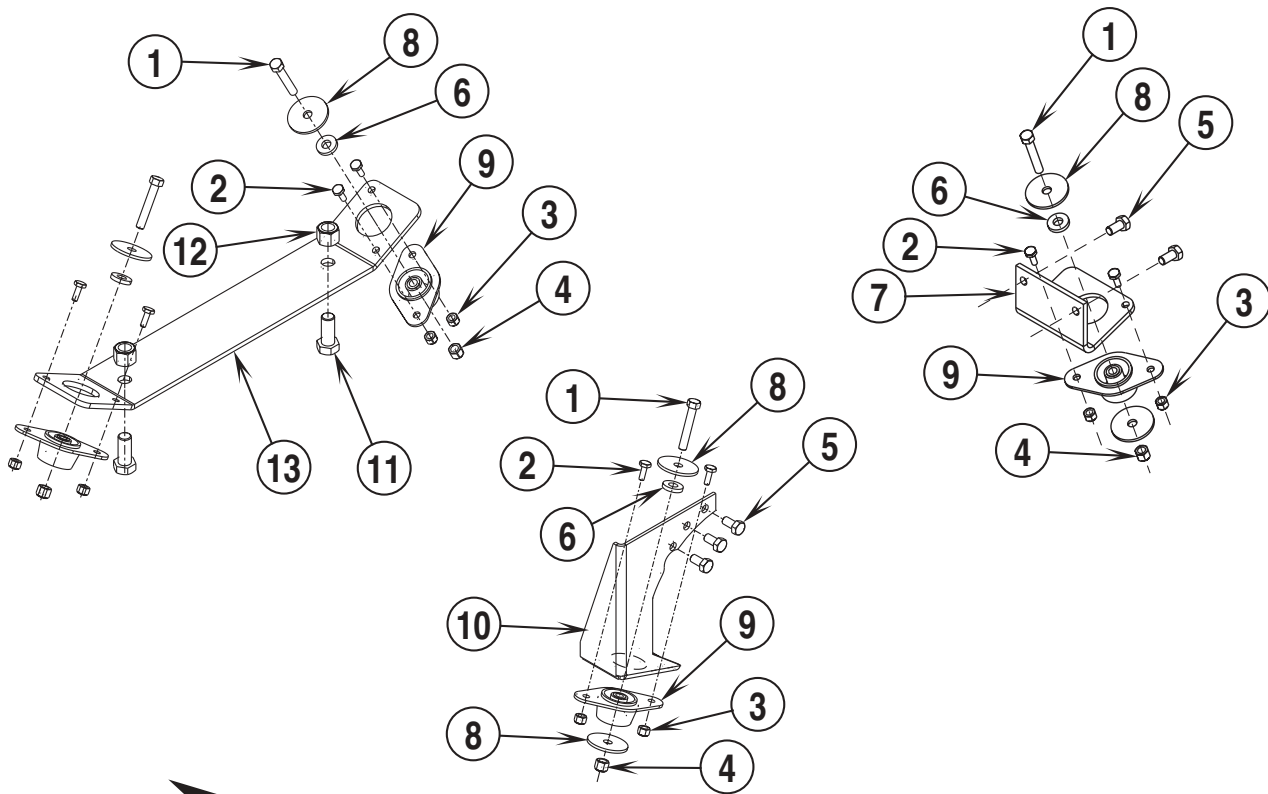
03-1	GASOLINE ENGINE SYSTEM	BOOK F		
04-2	Retriever™ 6250 / SR 1800	F	8.9.1	53

Item	Ref. No.	Qty	Description	Item	Ref. No.	Qty	Description
1	56418777	1	Barb, Connector	52	56900403	1	Elbow, 90 Bulkhead Union
2	56900917	1	Cap, Flare Tube End	*	56463608	1	Alternator
3	56002035	1	Scr, Hex Hd 5/16-18 x .62	*	56002035	1	Scr, Hex Hd 5/16-18 x .62
4	56002155	2	Scr, Hex Hd 1/4-20 x .75	*	56002155	2	Scr, Hex Hd 1/4-20 x .75
5	56002667	1	Scr, Hex Hd 5/16-18 x .75 (gas/dual fuel)	*	56418726	1	Engine Thermostat
6	56002701	1	Nut, Hex Nyl Loc 5/16-18	*	56418719	1	Engine Starter
7	56009033	5	Scr, Hex Thd Form 1/4-20 x .50 (gas/dual fuel)	*	56418725	1	Fan Belt, Engine
8	56418101	1	Engine, 1.3L	*	56418729	1	Switch, Engine Oil Pressure
9	56418315	1	Hose Assy	*	56469193	1	Clamp Set, Battery
10	56009137	2	Scr, Flt Phil Thd Form 1/4-20 x .62	*	56418907	1	Standoff, Battery
11	56418661	1	Spacer, Fan				(used with 56469193)
12	56418918	1	Conduit	*	56462862	1	Engine Oil Filter
13	56418951	1	Bracket, Oil Drain	*	56462887	1	Ignition Coil
14	56418733	1	Gasoline Assy				(TSB 782, SR 1800 only)
			(gas / see Gasoline Assembly)	*	56463859	1	Ignition Coil
	56418731	1	Propane Assy				(TSB 782, SR 1800 only)
			(propane / see Propane Assembly)	*	56463575	1	Spark Plug Wire Set
	56418732	1	Dual Fuel Assy				(TSB 782, SR 1800 only)
			(dual fuel / see Dual Fuel Assembly)	*	56463854	1	Spark Plug Wire Set
15	56418779	1	Muffler Assy				(TSB 782, SR 1800 only)
			(See Gasoline Engine System Components)	**	56419301	1	Stiff Engine Mount Kit
16	56418780	1	Rear Engine Mount Assy	**	56419361	1	Soft Engine Mount Kit
			(See Gasoline Engine System Components)				
17	56418781	1	Left Engine Mount Assy				
			(See Gasoline Engine System Components)				
18	56418782	1	Right Engine Mount Assy				
			(See Gasoline Engine System Components)				
19	56418850	1	Fuel Tank Guard Weld't (gas/dual fuel)				
	56419058	1	Air Cleaner Assembly (#20-35)				
20	56440213	2	Clamp, Hose SAE #32				
21	56477523	1	Barb, Adapter 5/16 x 1/8NPT				
22	56478461	1	Indicator, Service				
23	56482478	1	Cleaner, Air				
*	56482029	1	Primary Element				
*	56482028	1	Safety Element				
24	56482621	1	Band Assy				
25	56001834	2	Scr, Hex Hd 5/16-18 x 1.25				
26	56001939	2	Wsh, Flt SAE 5/16				
27	56492259	1	Hose, Fuel Line				
28	56751300	1	Barb, Hose Female				
29	56002701	2	Nut, Hex Nyl Loc 5/16-18				
30	56418430	1	Hose, Flexible Air Inlet				
31	56419313	1	Inlet Hood Assembly (#32-35) (Note 1, SR 1800 only)				
32	56419314	1	Flange Weldment				
33	56419312	1	Hood, Inlet				
34	56002708	2	Nut, Hex Nyl Loc 1/4-20				
35	56002155	2	Scr, Hex Hd 1/4-20 x .75				
36	56002841	4	Nut, Hex Nyl Loc-Thin 3/8-16 (propane/dual fuel)				
37	56418710	1	LP Clamp Assy (propane/dual fuel)				
38	56002271	4	Scr, Hex Hd 3/8-16 x .88 (propane/dual fuel)				
39	56418746	1	Plate, LP Clamp (propane/dual fuel)				
40	56002063	8	Wsh, Flt SAE 3/8 (propane/dual fuel)				
41	56418675	1	Gasket, Bulb (propane/dual fuel)				
42	56478246	1	Tie, Cable				
43	56002768	1	Nut, Hex Nyl Loc 10-24 (propane)				
44	56001954	1	Wsh, Flt SAE #10 (propane)				
45	56418526	1	Cover, Fuel Opening (propane)				
46	56009033	4	Scr, Hex Thd Form 1/4-20 x .50 (propane)				
47	56009082	1	Scr, Pan Phil Thd Form-Blk 10-24 x .50 (propane)				
48	56418718	1	Pusher Fan				
49	56900918	1	Elbow, 90 Flare Male/Metric Male				
50	56418783	1	Linkage Assy (see Linkage Assembly)				
51	56419130	1	Radiator Assembly (see Radiator Assembly (gas))				

* = Not Shown
** = Optional

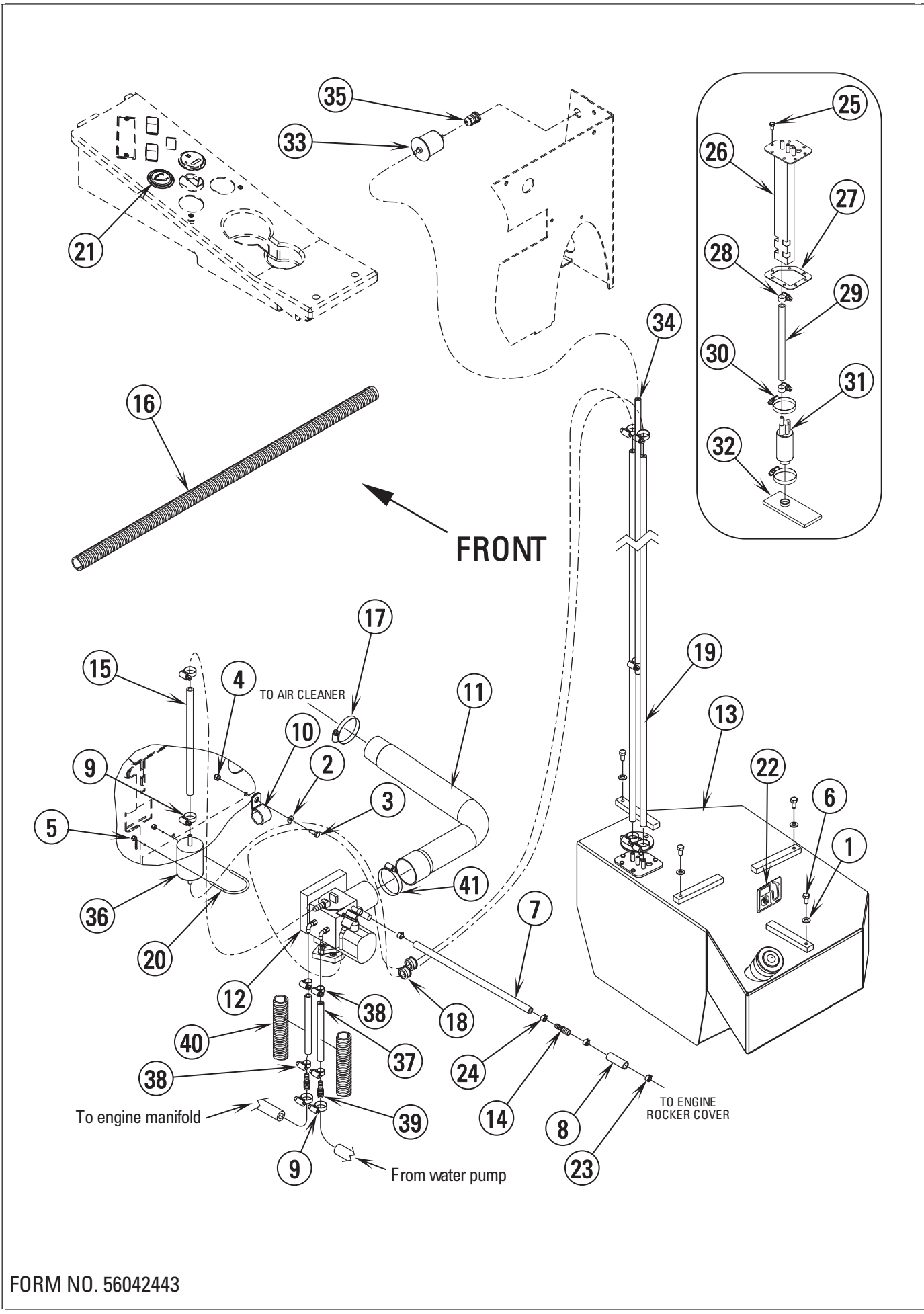
Note 1 (SR 1800 only): Earlier machines without the Inlet Hood Assembly can be updated to include the Inlet Hood by ordering kit # 56419321. See **TSB 735**.

FORM NO. 56042443



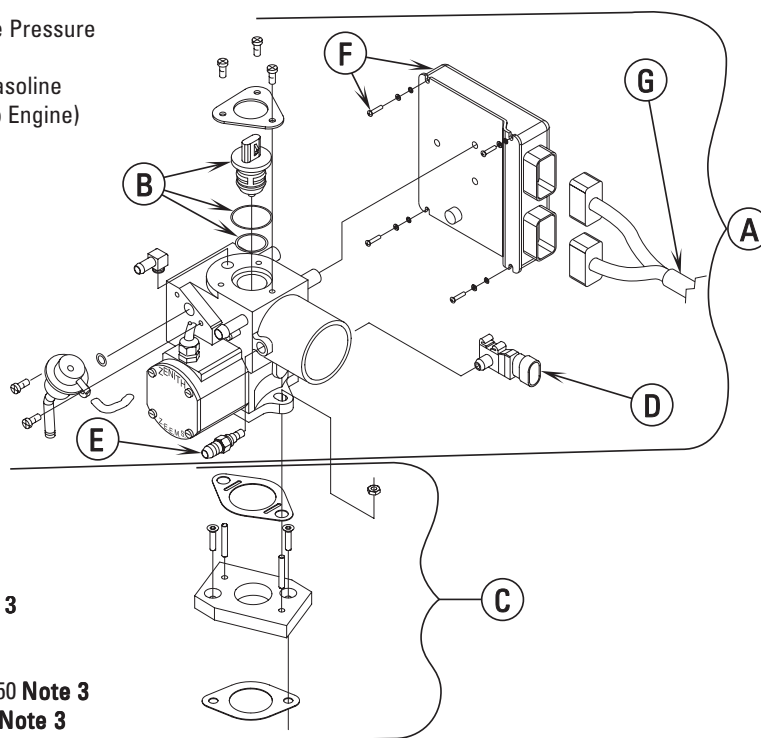
03-1	GASOLINE ENGINE SYSTEM COMPONENTS	BOOK F		
	Retriever™ 6250 / SR 1800	F	8.9.1	55

Item	Ref. No.	Qty	Description
1	56002058	4	Scr, Hex Hd 3/8-16 x 2.25
2	56002667	9	Scr, Hex Hd 5/16-18 x .75
3	56002701	8	Nut, Hex Nyl Loc 5/16-18
4	56002769	4	Nut, Hex Nyl Loc 3/8-16
5	56003442	5	Scr, Hex Nyl Loc M10-1.5 x 20mm
6	56009106	4	Wsh, Flt .453 x 1.00 x .179
7	56418093	1	Bracket, Left Engine Mount
8	56009274	6	Washer
9	56419300	4	Mount, Isolator, Stiff
**	56418099	4	Mount, Isolator
10	56418094	1	Bracket, Right Engine Mount
11	56001843	2	Scr, Hex Hd 5/8-11 x 1.50
12	56002771	2	Nut, Hex Nyl Loc 5/8-11
13	56419181	1	Bracket, Rear Engine Mount
	56418779	1	Muffler Assembly (#14-28)
14	56001836	2	Scr, Hex Hd 1/4-20 x .62
15	56001878	2	Scr, Hex Hd 1/4-20 x 1.25
16	56002708	2	Nut, Hex Nyl Loc 1/4-20
17	56009018	2	Scr, Hex Thd Form 1/4-20 x .75
18	56009033	5	Scr, Hex Thd Form 1/4-20 x .50
19	56343236	2	Clamp, Muffler
20	56418222	1	Shield, Heat
21	56418225	2	Clamp Weldment
22	56418228	1	Plate, Muffler Hanging
23	56418376	1	Strap
24	56418414	1	Muffler
25	56418525	1	Nipple, Exhaust
26	56418597	1	Exhaust Pipe Weldment
27	56478726	1	Mount
28	56481468	1	Nut Plate



03-1	GASOLINE ASSEMBLY	BOOK F		
03-10	Retriever™ 6250 / SR 1800	F	8.9.1	57

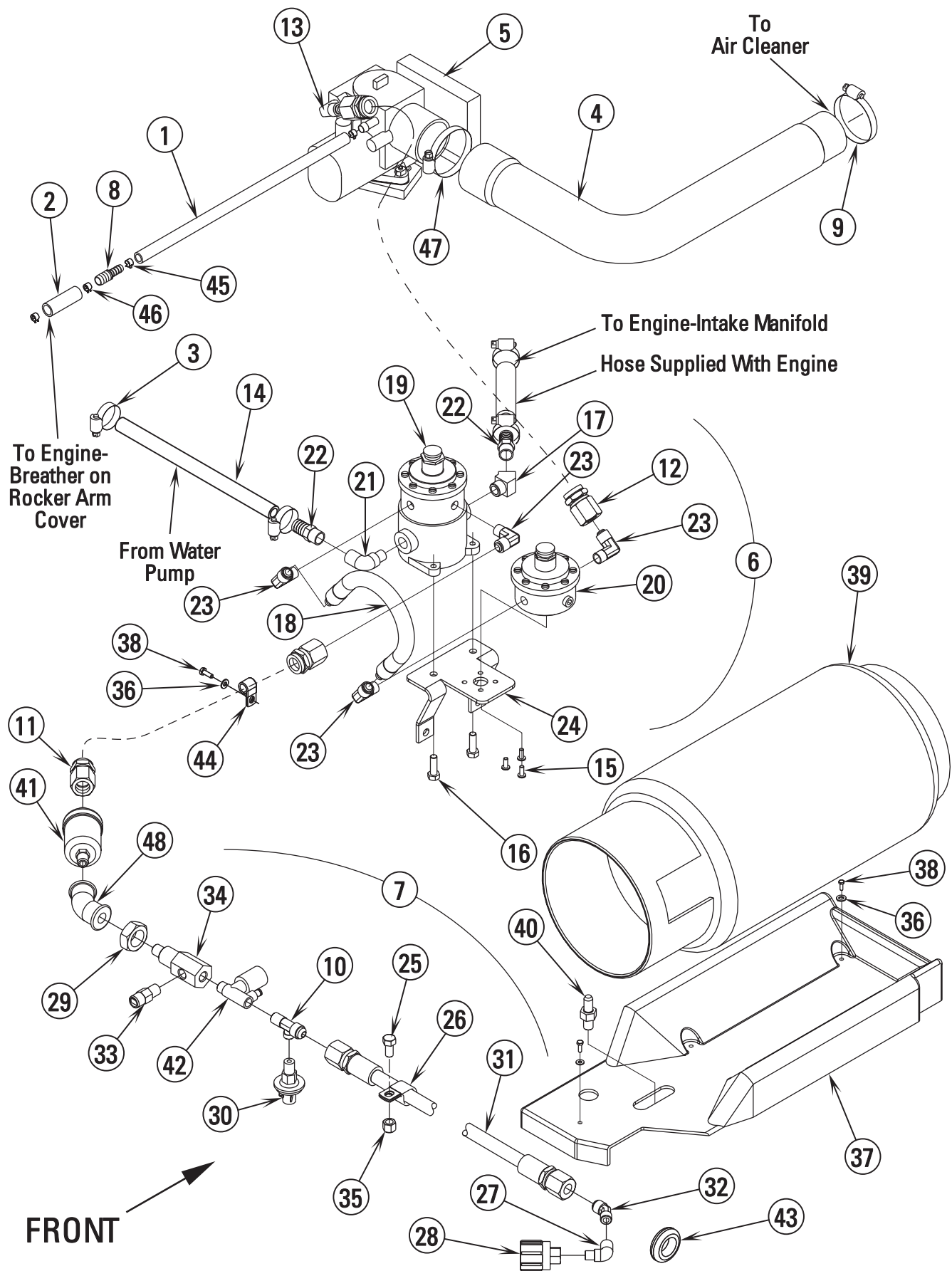
Item	Ref. No.	Qty	Description	
	56418733	1	Gasoline Assembly (#1-35, 41)	
1	56001939	4	Wsh, Flt SAE 5/16 Note 3	Note 1: Item 16, Conduit goes over Item 15, Fuel Line. Note 2: Item 32, Fuel Filter comes with Item 12, Gasoline Injection Assembly. Note 3: These items are also used in the Dual Fuel Assembly.
2	56002098	1	Wsh, Flt SAE 1/4 Note 3	
3	56002155	1	Scr, Hex Hd 1/4-20 x .75 Note 3	
4	56002708	1	Nut, Hex Nyl Loc 1/4-20 Note 3	
5	56002768	2	Nut, Hex Nyl Loc 10-24 Note 3	
6	56002929	4	Scr, Hex Hd Loc 5/16-18 x .62 Note 3	
7	56150231	14"	PVC Tube-Raw Stock	
8	56150233	2"	PVC Tube-Raw Stock	
9	56219932	9	Clamp, Hose SAE #6 Note 3 (qty of 7 on SR 1800 before SN 1627936)	
10	56409463	1	Clamp, 1.25 Hose Support Note 3	
11	56418429	1	Hose, Air Inlet	
12	56418486	1	Gasoline Injection Assy (only on SR 1800 before SN 1604272) (TSB 799, SR 1800 only)	
*	56418811	1	Throttle Body, Gasoline	
*	56418813	1	Injector, Gasoline	
*	56419166	1	Manifold Adapter Kit	
*	56418807	1	Sensor, Manifold Absolute Pressure	
*	56418805	1	Sensor, Temp (air or coolant)	
*	56418806	1	Electronic Control Unit	
12	56419384	1	Gasoline Injection Assy (SR 1800 after SN 1604271 & all Retriever 6250) (TSB 799, SR 1800 only)	
A	56419389	1	Throttle Body, Gas w/ECU complete	
B	56418813	1	Injector, Gasoline Fuel w/O-rings	
C	56419166	1	Manifold Adapter Kit	
D	56418807	1	Sensor, Manifold Absolute Pressure	
E	56418805	1	Air-Sensor, Temp.	
F	56419391	1	Electronic Control Unit, Gasoline	
G	56419409	1	Harness (Injection Assy to Engine)	
*	56419388	1	Sensor Temp. Coolant	
*	56418509	1	Fuel Filter	
13	56418508	1	Fuel Tank Assy Note 3	
*	56418185	1	Fuel Tank Weld't.	
*	56418794	1	Fuel Pump Assy (#25-32)	
*	56478358	1	Sender, Fuel Level	
*	56478502	1	Cap, Fuel Tank	
*	56481546	1	Plug, Hex Pipe	
14	56418669	1	Reducer, Barb	
15	56418822	1	Hose, Fuel Line Note 3	
16	56418835	1	Conduit Note 1 / Note 3	
17	56440213	1	Clamp, Hose SAE #32	
18	56453254	2	Grommet Note 3	
19	56459054	2	Hose, Fuel Line Note 3	
20	56459830	1	U-Bolt Note 3	
21	56489598	1	Gauge, Fuel Level Note 3	
22	56016226	1	Decal, Unleaded Fuel Note 3	
23	56419118	2	Clamp, Hose Band	
24	56419119	2	Clamp, Hose Band	
25	56009039	7	Scr, Hex Thd Form 10-24 x .50 Note 3	
26	56418789	1	Fuel Pump Bracket Weld't. Note 3	
27	56418795	1	Gasket Note 3	
28	56756364	2	Clamp, Hose SAE #4 Note 3	
29	56492253	1	Hose, Fuel Line Note 3	
30	56329145	2	Clamp, Hose SAE #24 Note 3	
31	56418793	1	Fuel Pump Note 3	
32	56419307	1	Fuel Strainer Note 3	
33	56492885	1	Fuel Filter Kit 1/4 (SR 1800 after SN 1451898 & all 6250) Note 3 (TSB 734, SR 1800 only)	
34	56481684	1	Hose, Fuel Line (SR 1800 after SN 1451898 & all 6250) Note 3 (TSB 734, SR 1800 only)	
35	56323067	1	Strain Relief (SR 1800 after SN 1451898 & all 6250) Note 3 (TSB 734, SR 1800 only)	
36	56418509	1	Fuel Filter Note 2 / Note 3	
37	56419451	2	Hose, Fuel Line (SR 1800 after SN 1627935 & all 6250) (TSB 799, SR 1800 only)	
38	56756364	4	Clamp, Hose SAE #4 (SR 1800 after SN 1627935 & all 6250) (TSB 799, SR 1800 only)	
39	56419449	2	Reducer, Barb (SR 1800 after SN 1627935 & all 6250) (TSB 799, SR 1800 only)	
40	56419452	2	Conduit (SR 1800 after SN 1627935 & all 6250) (TSB 799, SR 1800 only)	
41	56456797	1	Clamp, Hose SAE #36	



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FORM NO. 56042443

BOOK F			PROPANE ASSEMBLY	03-1
F	8.9.1	58	Retriever™ 6250 / SR 1800	03-10

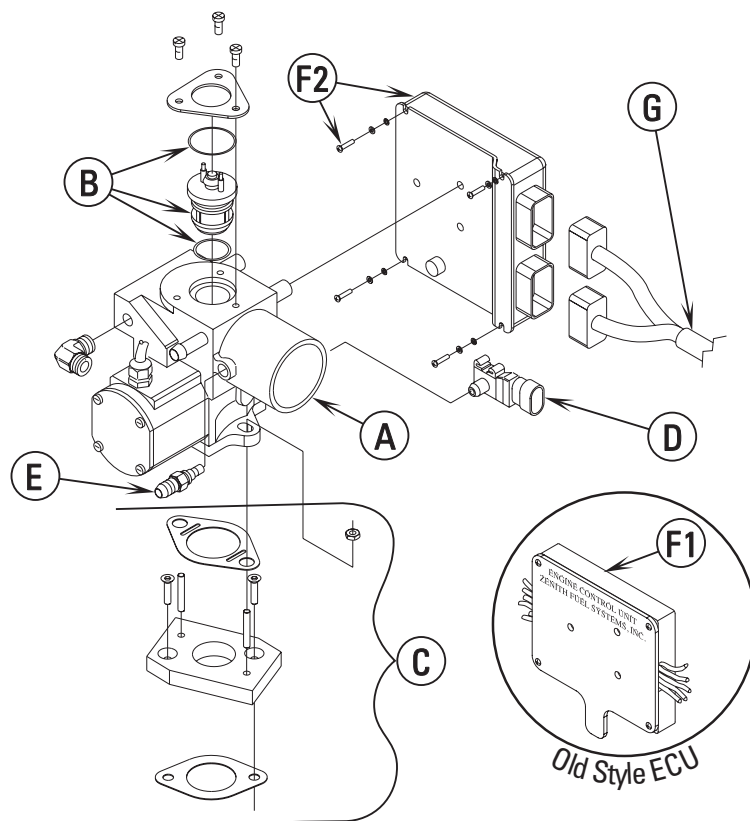


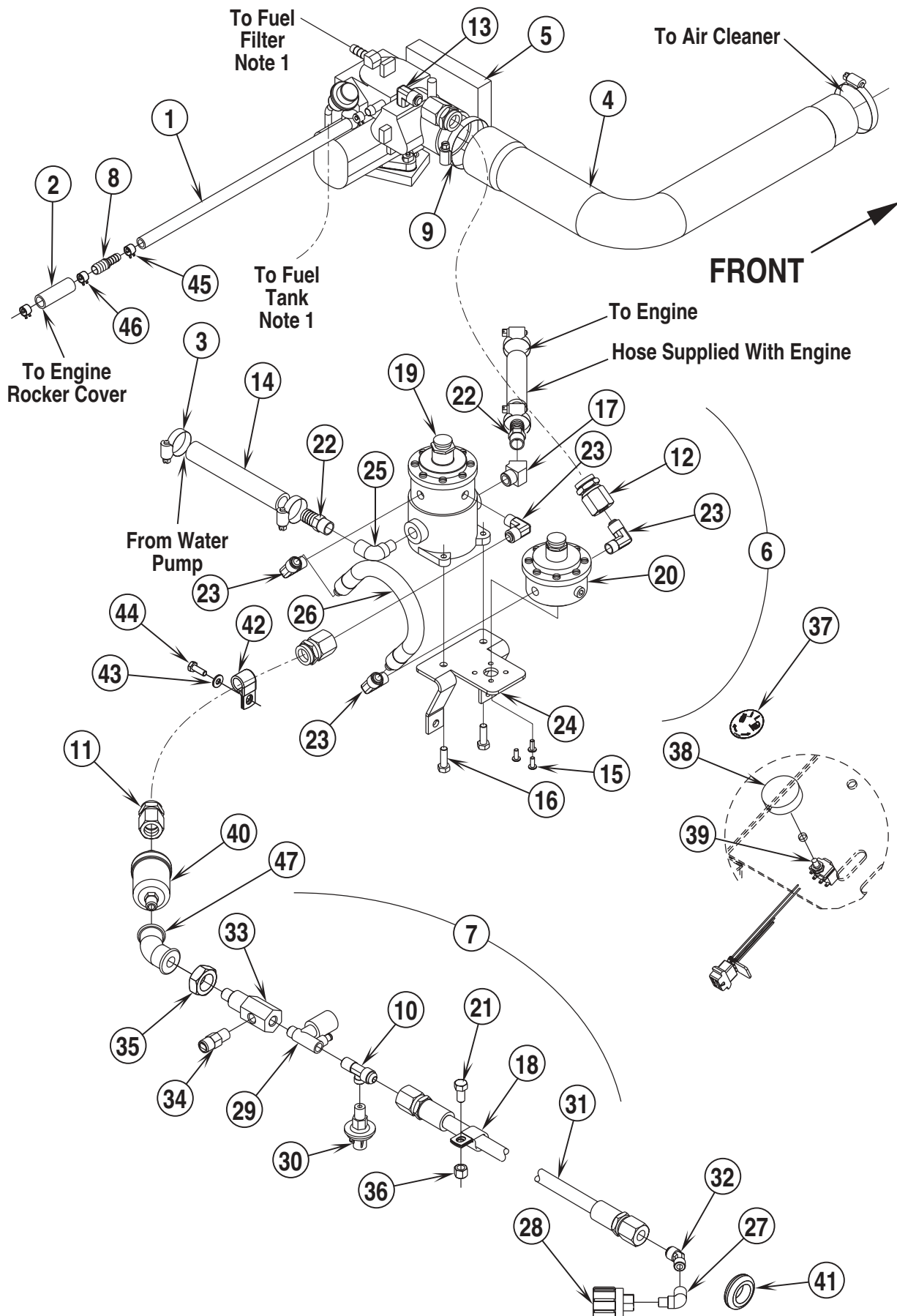
03-1	PROPANE ASSEMBLY	BOOK F		
03-10	Retriever™ 6250 / SR 1800	F	8.9.1	59

Item	Ref. No.	Qty	Description	Item	Ref. No.	Qty	Description
	56418731	1	Propane Assembly (#1-47)	19	56419235	1	Primary LPG Regulator Assy. 12 psi
1	56150231	14"	PVC Tube	20	56419163	1	Secondary LPG Regulator Assembly
2	56150233	2"	PVC Tube	21	56900021	1	Elbow, 90 Street
3	56112771	4	Clamp, Hose SAE #10	22	56456436	2	Barb, Adapter 5/8 x 3/8 NPT
4	56418429	1	Hose, Air Inlet	23	56456608	4	Elbow, Male 90
5	56419160	1	Propane Injection Assembly (includes #6, 41 & 42) (TSB 828, SR 1800 only)	24	56418540	1	Bracket, Regulator
A	56418810	1	Throttle Body, LP	25	56002127	1	Scr, Hex Hd 3/8-16 x .75
B	56418812	1	Injector, LP	26	56419120	1	Clamp, Hose Support
C	56419166	1	Manifold Adapter Kit	27	56369632	1	Elbow, 90 Street
D	56418807	1	Sensor, Manifold Absolute Pressure	28	56369675	1	Coupler, Female
E	56418805	1	Sensor, Temp	29	56002615	1	Nut, Hex Jam 7/8-14
F1	56419165	1	Electronic Control Unit (only on SR 1800 before SN 1620762) (TSB 828, SR 1800 only)	30	56418381	1	Switch, N.C. Pressure
F2	56419406	1	Electronic Control Unit, LP (SR 1800 after SN 1620761 & all 6250) (TSB 828, SR 1800 only)	31	56456591	1	Hose
G	56419410	1	Harness (ECU to engine) (SR 1800 after SN 1620761 & all 6250)	32	56456598	1	Elbow, 45 Male 45 Flared
6	56419162	1	Regulator Assembly 12 psi (#15-24)	33	56456624	1	Vent, 1/4 NPT
7	56418626	1	Filter Assembly (#10, 25-35)	34	56418934	1	Fitting, Bulkhead
8	56418669	1	Reducer, Barb	35	56002769	1	Nut, Hex Nyl Loc 3/8-16
9	56440213	1	Clamp, Hose SAE #32	36	56002098	6	Wsh, Flt SAE 1/4 Note
10	56900921	1	Tee	37	56418742	1	Cradle, LP Tank Note
11	56456591	1	LPG Hose Assembly	38	56009018	6	Scr, Hex Thd Form 1/4-20 x .75 Note
12	56456593	1	LPG Hose Assembly	39	56456590	1	L.P. Tank, 33 lbs. Note
13	56456608	1	Elbow, Male	40	56418741	1	Pin, locator Note
14	56418913	1	Hose, Heater	41	56419381	1	L.P. Filter
15	56001993	3	Scr, Pan Phil 10-24 x .50	42	56418305	1	Fuel Lock-Off Solenoid
16	56003073	2	Scr, Hex Hd Loc 5/16-18 x 1.00	43	56486116	1	Grommet
17	56368938	1	Elbow, 45 Street	44	56419120	1	Clamp, Hose Support
18	56418735	1	Hose	45	56419118	2	Clamp, Hose Band
				46	56419119	2	Clamp, Hose Band
				47	56456797	1	Clamp, Hose SAE #36
				48	56749715	1	Elbow

* = Not Shown

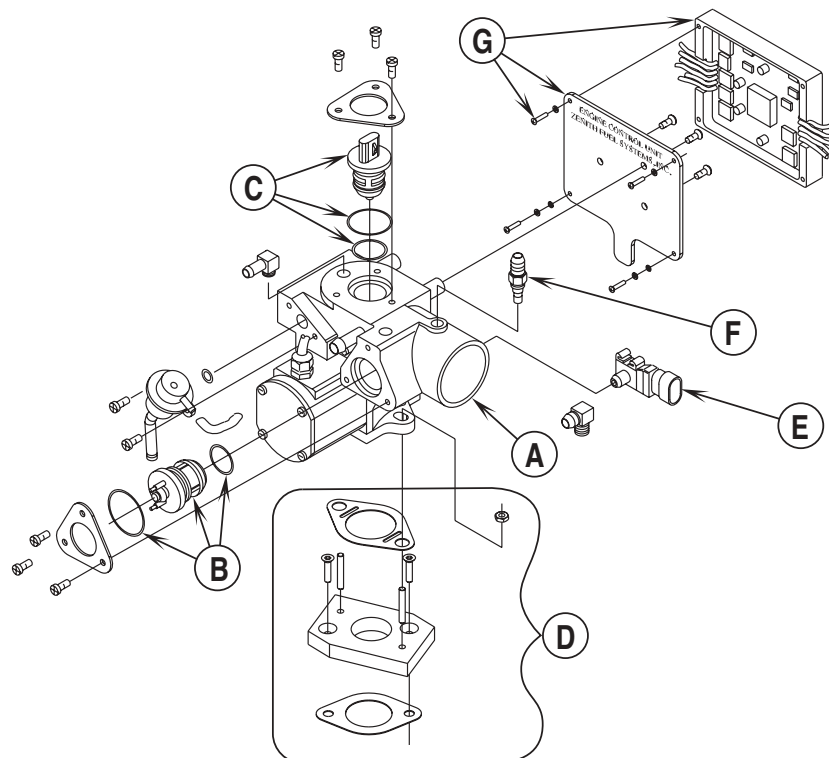
Note: These items are also used in the Dual Fuel Assembly.

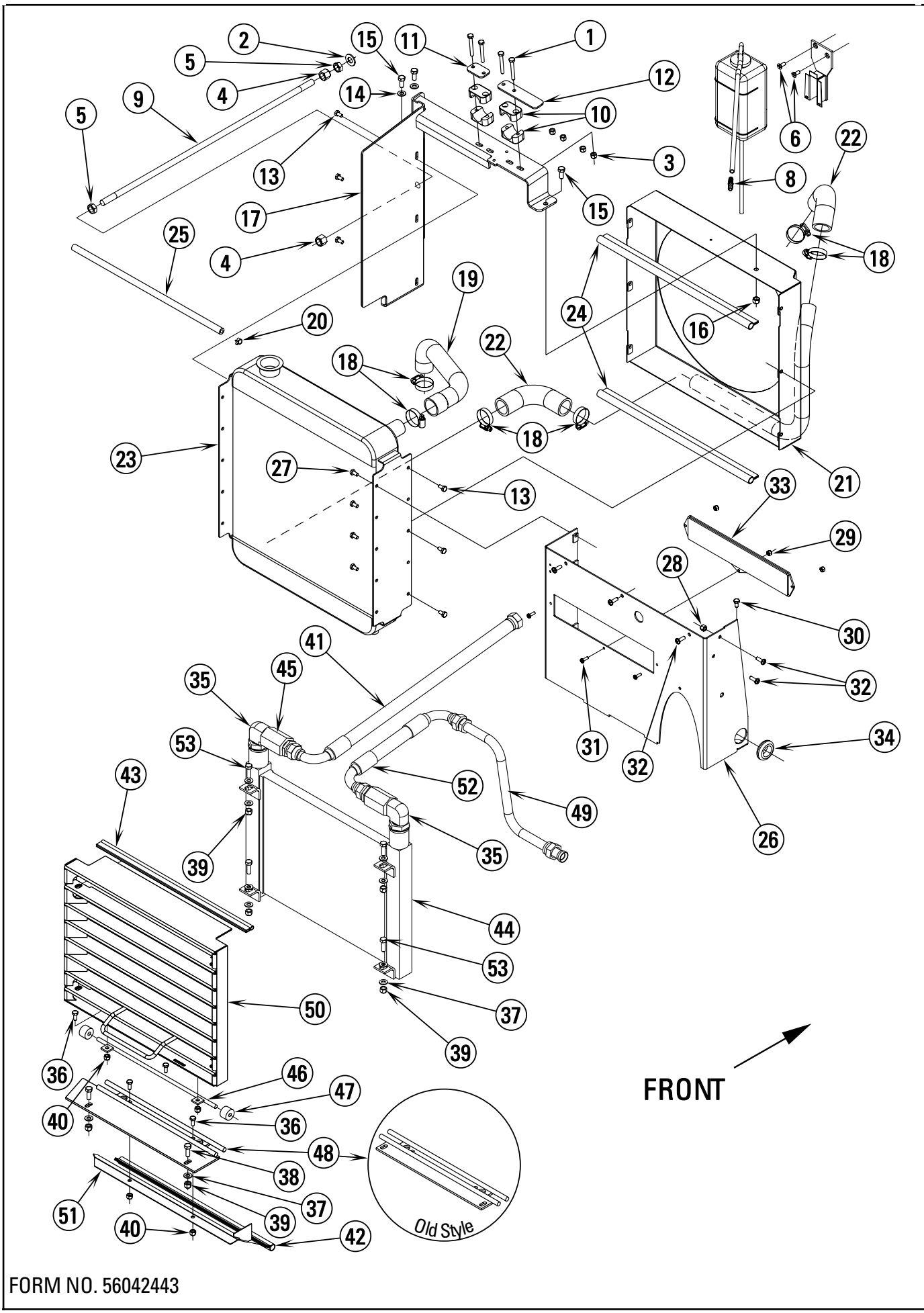




Item	Ref. No.	Qty	Description	Item	Ref. No.	Qty	Description
	56418732	1	Dual Fuel Assembly (#1-47)	21	56002127	1	Scr, Hex Hd 3/8-16 x .75
1	56150231	14"	PVC Tube	22	56456436	2	Barb, Adapter 5/8 x 3/8 NPT
2	56150233	2"	PVC Tube	23	56456608	4	Elbow, Male 90
3	56112771	4	Clamp, Hose SAE #10	24	56418540	1	Bracket, Regulator
4	56418429	1	Hose, Air Inlet	25	56900021	1	Elbow, 90 Street
5	56419161	1	Dual Fuel Injection Assembly (includes #6, 40)	26	56418735	1	Hose
A	56418809	1	Throttle Body, Dual	27	56369632	1	Elbow, 90 Street
B	56418812	1	Injector, LP	28	56369675	1	Coupler, Female
C	56418813	1	Injector, Gasoline	29	56418305	1	Valve, Shut Off
D	56419166	1	Manifold Adapter Kit	30	56418381	1	Switch, N.C. Pressure
E	56418807	1	Sensor, Manifold Absolute Pressure	31	56456591	1	Hose
F	56418805	1	Sensor, Temp	32	56456598	1	Elbow, 45 Male 45 Flared
G	56419164	1	Elec. Control Unit	33	56418934	1	Fitting, Bulkhead
6	56419162	1	Regulator Assembly 12 psi (#15-17, 19-20, 26)	34	56456624	1	Vent, 1/4 NPT
7	56418626	1	Filter Assembly (#10, 18, 21, 27, 28, 30-36)	35	56002615	1	Nut Hex Jam 7/8-14
8	56418669	1	Reducer, Barb	36	56002769	1	Nut, Hex Nyl Loc 3/8-16
9	56440213	2	Clamp, Hose SAE #32	37	56016255	1	Decal, Dual Fuel Knob
10	56900921	1	Tee	38	56418688	1	Knob
11	56456591	1	LPG Hose Assembly	39	56418409	1	Rotary Switch
12	56418735	1	LPG Hose Assembly	40	56419381	1	LP Filter
13	56456608	1	Elbow, Male	41	56486116	1	Grommet
14	56418913	1	Hose, Heater	42	56419120	1	Clamp, Hose Support
15	56001993	3	Scr, Pan Phil 10-24 x .50	43	56002098	1	Wsh Flt SAE 1/4
16	56003073	2	Scr, Hex Hd Loc 5/16-18 x 1.00	44	56009018	1	Scr, Hex Thd Form 1/4-20 x .75
17	56368938	1	Elbow, 45 Street	45	56419118	2	Clamp, Hose Band
18	56419120	1	Clamp, Hose Support	46	56419119	2	Clamp, Hose Band
19	56419235	1	Primary LPG Regulator Assy. 12 psi	47	56749715	1	Elbow
20	56419163	1	Secondary LPG Regulator Assembly				

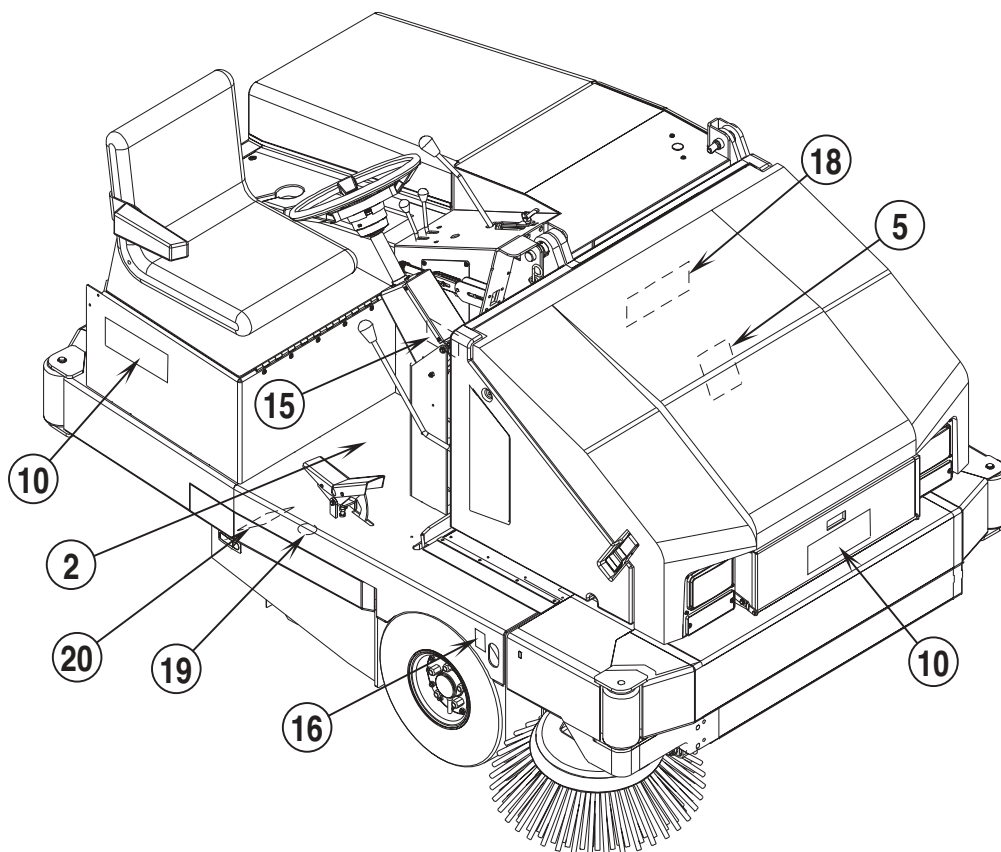
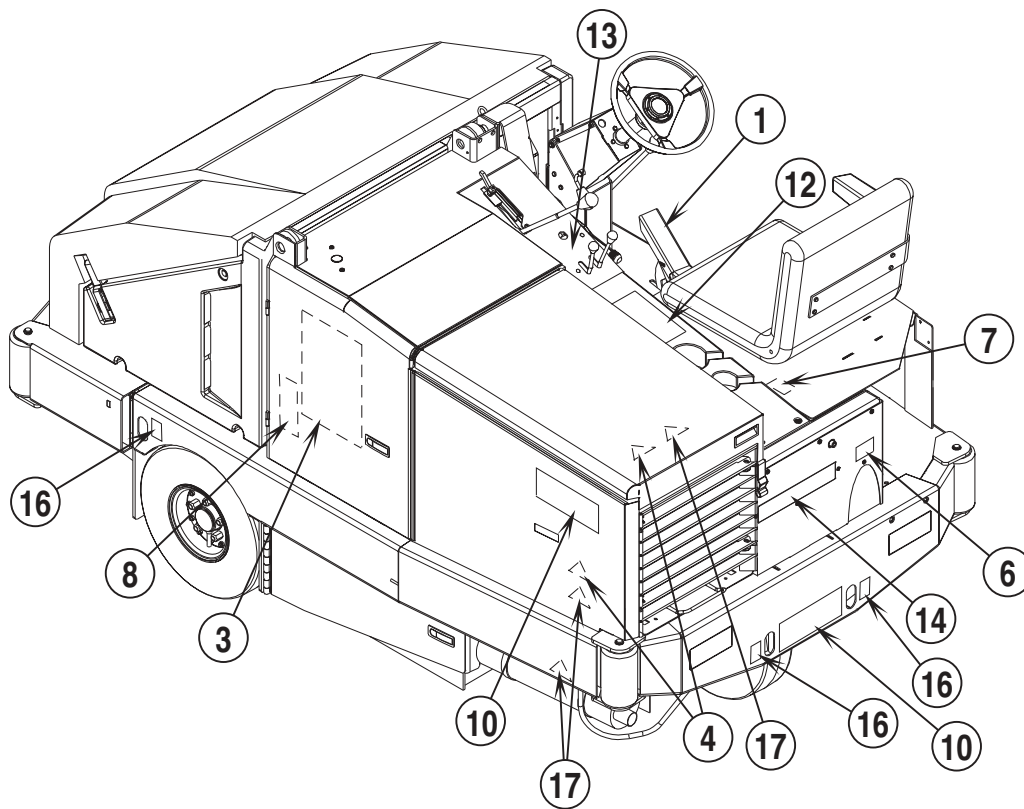
* = Not Shown

Note 1: Refer to the Gasoline System for the gasoline tank and related items.**Note 2:** Refer to the Propane System for the Propane tank and related items.



03-1	RADIATOR ASSEMBLY (gas/propane/dual fuel)	BOOK F		
04-6	Retriever™ 6250 / SR 1800	F	8.9.1	63

Item	Ref. No.	Qty	Description
	56419130	1	Radiator Assembly
1	56001874	4	Scr, Hex Hd 1/4-20 x 2.00
2	56001879	1	Wsh, Flt SAE 1/2
3	56002708	4	Nut, Hex Nyl Loc 1/4-20
4	56002770	2	Nut, Hex Nyl Loc 1/2-13
5	56009016	2	Nut, Hex Jam 1/2-13
6	56009137	2	Scr, Flt Phil Thd Form 1/4-20 x .62
7			Intentionally Omitted
8	56418777	1	Barb, Connector 5/16 x 5/16
9	56419007	1	Stiffener
10	56419041	4	Clamp
11	56419042	1	Plate, Clamp
12	56419180	1	Prop Rest
	56419283	1	Radiator Shroud Assembly (#13-25)
13	56001854	6	Scr, Hex Hd 1/4-20 x .50
14	56001939	2	Wsh, Flt SAE 5/16
15	56002667	3	Scr, Hex Hd 5/16-18 x .75
16	56002701	1	Nut, Hex Nyl Loc 5/16-18
17	56419284	1	Radiator Mount Weldment
18	56131601	6	Clamp, Hose SAE #16
19	56419636	1	Hose, Radiator
20	56756364	1	Clamp, Hose SAE #4
21	56419287	1	Shroud Weldment G
22	56418227	2	Hose, Lower Radiator
23	56305316	1	Radiator, 4 Tube
24	56418605	2	Gasket, Bulb
25	56492259	1	Hose, Fuel Line
	56419147	1	Back Panel Assembly (#26-34)
26	56419158	1	Back Panel Weldment
27	56001854	4	Scr, Hex Hd 1/4-20 x .50
28	56002708	2	Nut, Hex Nyl Loc 1/4-20
29	56002768	3	Nut, Hex Nyl Loc 10-24
30	56009033	1	Scr, Hex Thd Form 1/4-20 x .50
31	56009100	3	Scr, Pan Phil Thd Form-BLK 10-24 x .62
32	56009248	5	Scr, Pan Phil Thd Form-BLK 1/4-20 x .75
33	56416418	1	Lens, Tail Light
34	56486116	1	Grommet
	56419146	1	Oil Cooler Assembly (#35-53)
35	56900117	2	Elbow, 90 O-Ring
36	56001836	4	Scr, Hex Hd 1/4-20 x .62
37	56001939	10	Wsh, Flt SAE 5/16
38	56002037	2	Scr, Hex Hd 5/16-18 x .88
39	56002701	6	Nut, Hex Nyl Loc 5/16-18
40	56002708	4	Nut, Hex Nyl Loc 1/4-20
41	56419299	1	Hose Assembly
42	56418605	1	Gasket, Bulb
43	56418609	1	Trim Seal
44	56418953	1	Cooler, Oil
45	56418954	2	Swivel
46	56419016	1	Axle Weldment
47	56419036	2	Roller
48	56419524	1	Roller Stop Weldment (after SN 1705327)
	56419037	1	Roller Stop Weldment (before SN 1705328) (Old Style)
49	56419291	1	Tube Weldment G
50	56419151	1	Grill Weldment
51	56419155	1	Deflector Plate
52	56419298	1	Hose Assembly
53	56002221	4	Scr, Hex Hd 5/16-18 x 1.00



03-1	DECAL SYSTEM	BOOK F		
04-6	Retriever™ 6250 / SR 1800	F	8.9.1	65

Item	Ref. No.	Qty	Description
1	56449958	1	Mat, Pedal
2	56418603	1	Mat, Floor
3	56419104	1	Schematic Pack (diesel)
*	56418965	1	Diagram, Ladder
*	56418983	1	Diagram, Wiring
*	56418912	1	Schematic, Hydraulic
	56418483	1	Schematic Pack (gas/propane/dual fuel)
*	56419168	1	Schematic, Electrical
*	56418760	1	Schematic, Hydraulic
4	56016364	2	Decal, Warning Fan
5	56015426	1	Decal, Warning Fan
6	56025454	1	Decal, Diesel Fuel (diesel)
	56016226	1	Decal, Unleaded Fuel (gas/dual fuel)
7	56016259	1	Decal, Oil Fill
8	56016520	1	Decal, Circuit Breaker (diesel)
	56016258	1	Decal, Circuit Breaker (gas/propane/dual fuel)
9			Intentionally Omitted
10	56016366	3	Decal, SR 1800
	56016327	3	Decal, 6250
11	56016253	1	Decal, Wear Items 6250 (6250 only)
12	56016537	1	Decal, Control Rear (diesel)
	56016252	1	Decal, Control Rear (gas/propane/dual fuel)
13	56016538	1	Decal, Control Front (diesel)
	56016251	1	Decal, Control Front (gas/propane/dual fuel)
14	56016097	1	Decal, Reflective (inside tail light)
15	56015427	1	Decal, Warning Tip Over
16	56015370	4	Decal, Tie Down
17	56016363	6	Decal, Warning Hot (qty of 3 on gas/propane/dual fuel)
18	56015428	1	Decal, Warning Hopper
19	56016163	1	Decal, No Step
20	56015425	1	Decal, Warning Broom

* = Not Shown

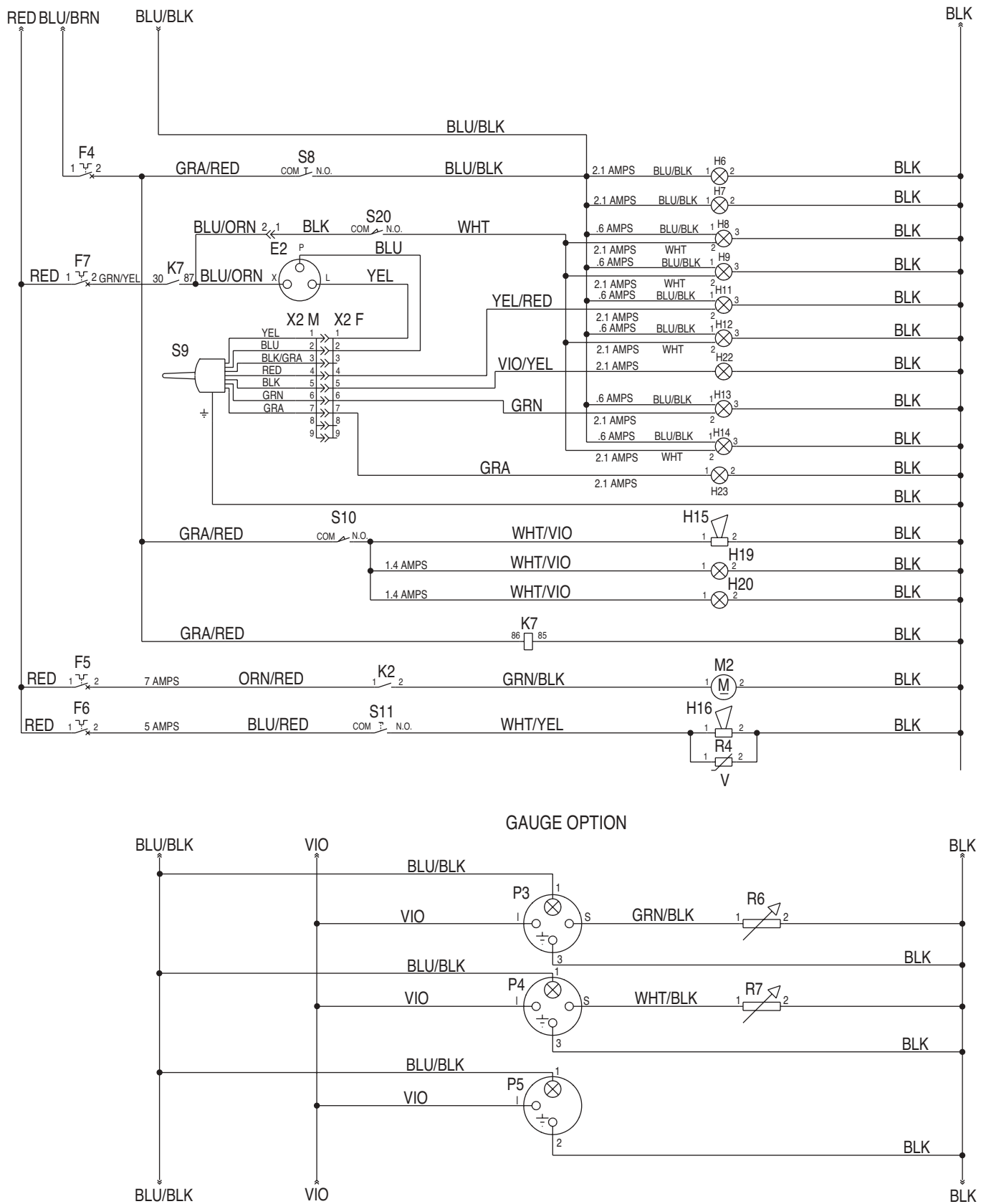
03-1	ELECTRICAL DIAGRAM (diesel)	BOOK F		
	Retriever™ 6250 / SR 1800	F	8.9.1	67

Item	Ref. No.	Qty	Description
BT	56441511	1	Battery, 12 VDC
E1	56491870	1	Timer, Shaker (optional)
E3	56463590	1	Glow Plug Timer
F1	56452193	1	Circuit Breaker, 40 Amp (Main)
F2	56387316	1	Circuit Breaker, 10 Amp (Accessory Circuit)
F3	56454538	1	Circuit Breaker, 15 Amp (Accessory Circuit)
G	56419085	1	Alternator
H1	56418672	1	Lamp, Low Oil Pressure
H2	56418672	1	Lamp, Coolant Temperature
H3	56418672	1	Lamp, Charging
H4	56418672	1	Lamp, Dust Control Filter Plugged
H5	56418672	1	Lamp, Hopper Heat Indicator
H10	56416433	1	Light, Beacon (optional)
*	56416435	1	Lens, Amber (for 56416433)
*	56416436	1	Flash Tube (for 56416433)
H18	56418672	1	Lamp, Hydraulic Filter
H21	56418672	1	Lamp, Hopper Door
H24	56418672	1	Lamp, Glow Plug
K2	56491862	1	Relay (Shaker Motor)
K3	56491862	1	Relay (Accessories)
K6	56418387	1	Relay, SPDT (Hopper Door)
L1	56419445	1	Solenoid, Fuel (TSB 825, SR 1800 only)
L2	56418104	1	Solenoid, Dust Control
L3	56418105	1	Solenoid, Main Broom
L4	56418104	1	Solenoid, Side Broom
M1	56419089	1	Starter Motor
M3	56418793	1	Fuel Pump
P1	56478363	1	Meter, Hour
P2	56489598	1	Gauge, Fuel Level
R3	56478358	1	Sender, Fuel Level
S1	56497754	1	Ignition Switch
S2	56419090	1	Switch, Engine Oil Pressure
S4	56419091	1	Switch, Coolant Temp.
S5	56418404	1	Switch, Vacuum (optional)
S6	56418405	1	Switch, Hopper Temp. (optional)
S7	56324272	1	Switch, Rocker (Shaker Motor, Dust Control)
S12	56418165	1	Switch, Hopper / Dump Door Interlock (Note 2, SR 1800 only)
			Switch, Hopper Door Interlock (Note 2, SR 1800 only)
S13	56372088	1	Switch, Main Broom
S14	56372088	1	Switch, Side Broom
S15	56418165	1	Switch, Dump Door Interlock (Note 2, SR 1800 only)
S19	56418994	1	Switch, Hydraulic Filter
S21	56460005	1	Switch, Neutral Safety
*	56418985	1	Harness, Control Panel
*	56419448	1	Harness, Main (TSB 825, SR 1800 only)
*	56418203	1	Harness, Hopper
*	56419344	1	Harness, Interlock

* = Not Shown

Note 1: When the Shaker Timer is not used, there is a jumper wire connected between the RED/BLK and RED/BRN wires.

Note 2 (SR 1800 only): Machines after SN 1477900 have two interlock switches S12 & S15 which prevent the main broom from operating while the hopper is up or the dump door is closed. Machines before this serial number can be updated by ordering "Interlock Switch Kit" PN 56419348. All Retriever 6250 have two interlock switches.



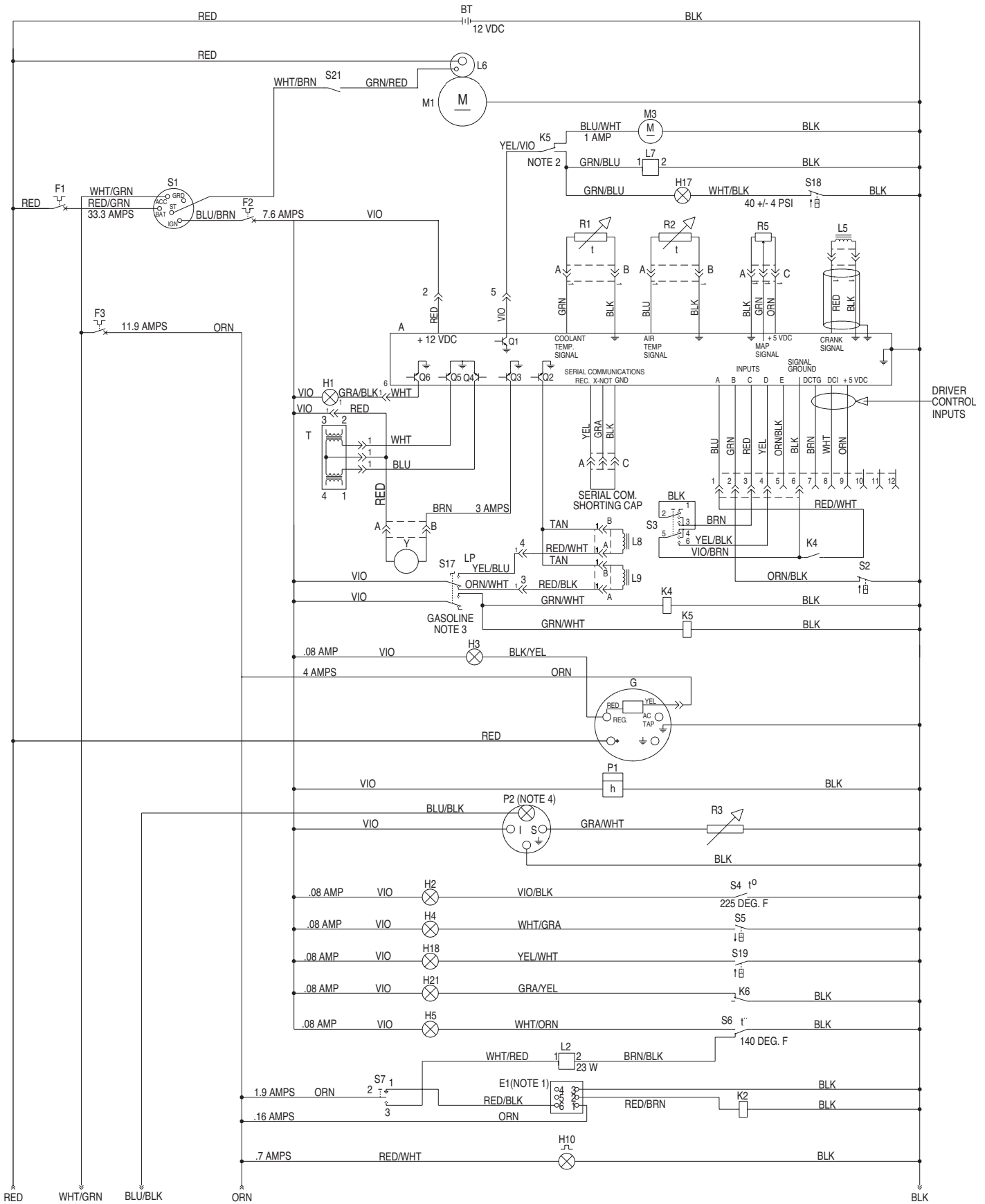
03-1	ELECTRICAL DIAGRAM (diesel)	BOOK F		
	Retriever™ 6250 / SR 1800	F	8.9.1	69

Item	Ref. No.	Qty	Description
E2	56489654	1	Flasher (optional)
F4	56395454	1	Circuit Breaker, 20 Amp (Headlights, Tail Lights)
F5	56168444	1	Circuit Breaker, 8 Amp (Shaker Motor)
F6	56387316	1	Circuit Breaker, 10 Amp (Horn)
F7	56395454	1	Circuit Breaker, 20 Amp (Signal Lights / optional)
H6	56481543	1	Head Light, Right
H7	56481543	1	Head Light, Right
H8	56454519	1	Tail Light
H9	56454519	1	Tail Light
*	56418682	1	Light Socket Assy (includes H8 & H9)
H11	56418392	1	Signal Light, Right Front (optional)
H12	56418836	1	Tail / Brake Light, Right Rear (optional)
H13	56418392	1	Signal Light, Left Front (optional)
H14	56418836	1	Tail / Brake Light, Left Rear (optional)
H15	56462366	1	Back-Up Alarm (optional)
H16	56442054	1	Horn
H19	56418836	1	Lamp, Back-Up (optional)
H20	56418836	1	Lamp, Back-Up (optional)
H22	56418836	1	Signal Light, Right Rear (optional)
H23	56418836	1	Signal Light, Left Rear (optional)
K2	56491862	1	Relay (Shaker Motor)
K7	56491862	1	Relay, Signal Lights (optional)
M2	56418389	1	Motor, 12 VDC (Shaker)
*	56491823	1	Brush Kit for 56418389
*	56900218	1	Plug for 56418389
*	56900215	2	Connector Pin for 56900218
R4		1	Varistor
S8	56393312	1	Switch, Rocker (Headlights)
S9	56418411	1	Switch, Turn Signal (optional)
S10	56455403	1	Switch, Back-Up Alarm (optional)
S11	56441555	1	Switch, Horn
S20	56418411	1	Switch, Brake Light
GAUGE OPTION COMPONENTS			
P3	56489592	1	Gauge, Oil Pressure (standard on SR 1800 after SN 1477918 & all 6250)
P4	56489600	1	Gauge, Coolant Temperature (standard on SR 1800 after SN 1477918 & all 6250)
P5	56482044	1	Voltmeter (standard on SR 1800 after SN 1477918 & all 6250)
R6	56478698	1	Sender, Oil Pressure (standard on SR 1800 after SN 1477918 & all 6250)
R7	56481888	1	Sender, Coolant Temperature (standard on SR 1800 after SN 1477918 & all 6250)
**	56418390	1	Turn Signal Kit
**	56418420	1	Temperature Switch Kit
**	56418406	1	Vacuum Switch Kit
**	56418421	1	Back-Up Alarm Kit
**	56418369	1	Gauge Kit
**	56418834	1	Shaker Timer Kit
**	56418767	1	Beacon Kit

* = Not Shown

** = Optional

Note: For Gauge Option the following items are not used: H2 and S4. R7 replaces S4 with Gauge Option. Cut the VIO / BLK wire off the connector at the lights and connect it to the VIO / BLK wire supplied with the Gauge Kit.



03-1	ELECTRICAL DIAGRAM (gas/propane/dual fuel)	BOOK F		
	Retriever™ 6250 / SR 1800	F	8.9.1	71

Item	Ref. No.	Qty	Description	Item	Ref. No.	Qty	Description
A	56419165	1	Electronic Control Unit, LP (only on SR 1800 before SN 1620762)	P1	56478363	1	Hour Meter
	56419406	1	Electronic Control Unit, LP (SR 1800 used after SN 1620761 / all 6250)	P2	56489598	1	Fuel Gauge (gas/dual fuel)
	56419164	1	Electr. Control Unit, Dual/Fuel (OBS)	Q1	N/A	1	Fuel Pump Relay Driver
	56418806	1	Electronic Control Unit, Gas (only on SR 1800 before SN 1604272)	Q2	N/A	1	Fuel Injection Driver
	56419391	1	Electronic Control Unit, Gas (SR 1800 used after SN 1604271, all 6250)	Q3	N/A	1	Throttle Driver
				Q4	N/A	1	Ignition Driver
				Q5	N/A	1	Ignition Driver
				Q6	N/A	1	Aux. Output
BT	56441511	1	Battery, 12 VDC	R1	56418805	1	Sensor, Coolant Temp.
*	56459055	1	Battery Cable (+)	R2	56418805	1	Sensor, Air Temp
*	56386973	1	Battery Cable (-)	R3	56478358	1	Sender, Fuel (gas/dual fuel)
				R5	56418807	1	Sensor, MAP
E1	56491870	1	Timer, Shaker (optional)				
F1	56452193	1	Circuit Breaker, 40 Amp (Main)	S1	56418685	1	Switch, Ignition
F2	56454538	1	Circuit Breaker, 15 Amp (Ignition Circuit)		56419123	1	replacement Ign. Key (for 56418685)
F3	56454538	1	Circuit Breaker, 15 Amp (Accessory Circuit 1)	S2	56418729	1	Switch, Engine Oil Pressure
				S3	56455820	1	Switch, Throttle
				S4	56497849	1	Switch, Coolant Temp.
				S5	56418404	1	Switch, Vacuum (optional)
G	56463608	1	Alternator	S6	56418405	1	Switch, Hopper Temp. (optional)
				S7	56324272	1	Switch, Dust Control/Shaker
H1	56418672	1	Lamp, Low Oil Pressure	S17	56418408	1	Switch, Fuel Select (dual fuel)
H2	56418672	1	Lamp, Coolant Temperature	S18	56418381	1	Switch, LP Pressure
H3	56418672	1	Lamp, Charging	S19	N/A	1	Switch, Hydraulic Filter
H4	56418672	1	Lamp, Dust Control Filter Plugged	S21	56460005	1	Switch, Neutral Safety
H5	56418672	1	Lamp, Hopper Heat Indicator				
H10	56416433	1	Light, Beacon (optional)	T	56462887	1	Ignition Coil (TSB 782, SR 1800 only)
*	56416435	1	Lens, Amber (for 56416433)	T	56463859	1	Ignition Coil (TSB 782, SR 1800 only)
*	56416436	1	Flash Tube (for 56416433)	Y	N/A	1	Throttle Actuator
H17	56418672	1	Lamp, Low LP				
H18	56418672	1	Lamp, Hydraulic Filter	*	56419167	1	Harness, Main Wiring
H21	56418672	1	Lamp, Hopper Door	*	56418628	1	Harness, Control Panel Wiring
				*	56418203	1	Harness, Hopper Wiring
				*	56419344	1	Harness, Interlock
K2	56491862	1	Relay, Shaker Motor	*	56463575	1	Spark Plug Wire Set (TSB 782, SR 1800 only)
K4	56491862	1	Relay, Dual Fuel Select (dual fuel models only 'OBS')				
K5	56418387	1	Relay, Fuel Supply Select (dual fuel models only 'OBS')	*	56463854	1	Spark Plug Wire Set (TSB 782, SR 1800 only)
L2	56418104	1	Solenoid, Dust Control				
L5	56418808	1	Sensor, Crank Position				
L6	N/A	1	Starter Solenoid				
L7	56418305	1	Solenoid, LP				
L8	56418812	1	Propane Fuel Injector				
L9	56418813	1	Gasoline Fuel Injector				
M1	56418719	1	Starter Assembly				
M3	56418793	1	Fuel Pump (gas/dual fuel)				

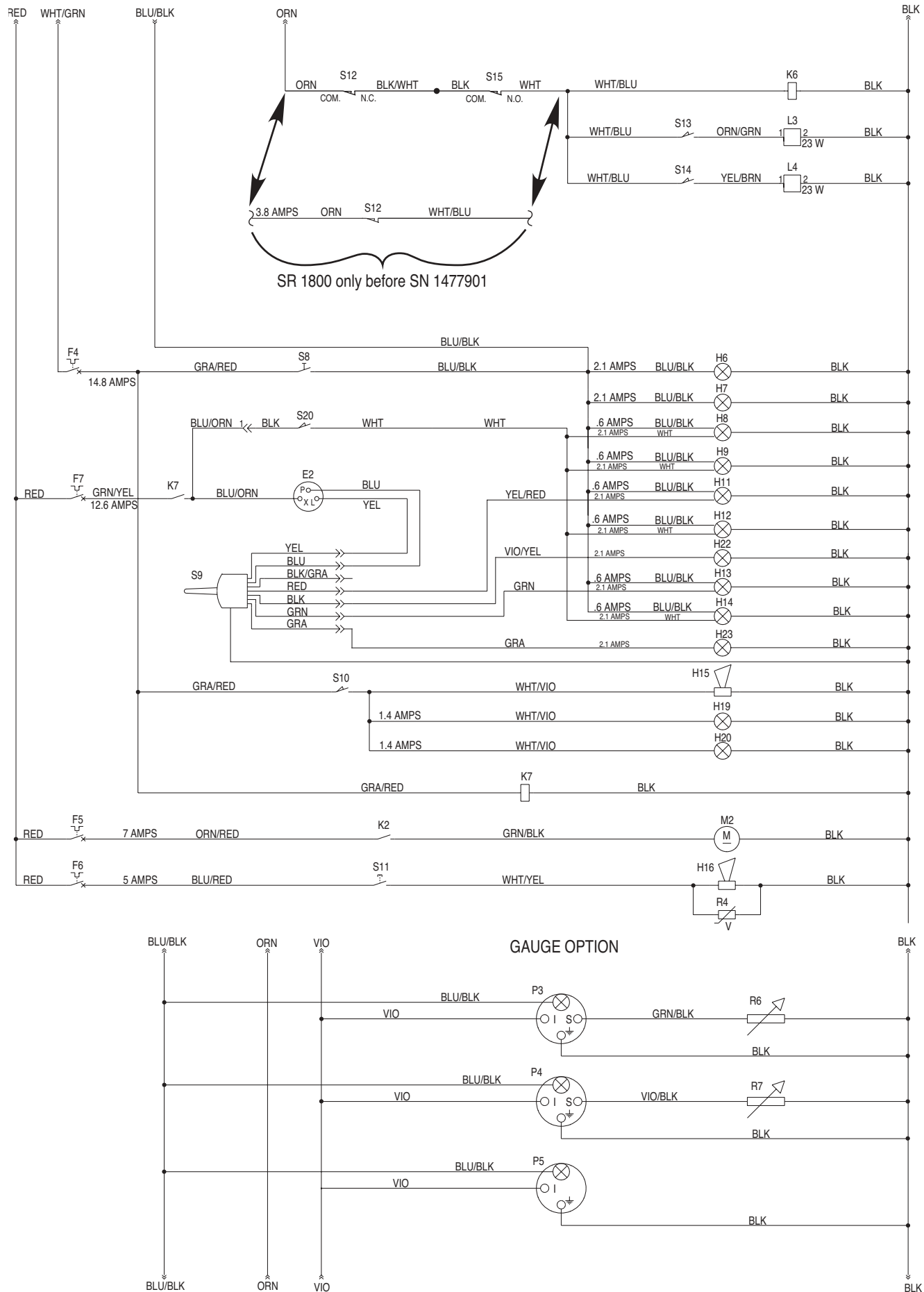
* = Not Shown

Note 1: When the Shaker Timer is not used, there is a jumper wire connected between the RED/BLK and RED/BRN wires.

Note 2: When the Dual Fuel option is not used, there is a jumper connected between the YEL/VIO and GRN/BLU wires for LP, or between the YEL/VIO and BLU/WHT wires for Gasoline.

Note 3: When the Dual Fuel option is not used, there are jumpers connected between the VIO, YEL/BLU and ORN/WHT wires.

Note 4: Fuel Gauge is not used with LP only machine.



03-1	ELECTRICAL DIAGRAM (gas/propane/dual fuel)	BOOK F		
	Retriever™ 6250 / SR 1800	F	8.9.1	73

Item	Ref. No.	Qty	Description
E2	56489654	1	Flasher (optional)
F4	56395454	1	Circuit Breaker, 20 Amp (Head Lights / Tail Lights)
F5	56168444	1	Circuit Breaker, 8 Amp (Shaker Motor)
F6	56387316	1	Circuit Breaker, 10 Amp (Horn)
F7	56395454	1	Circuit Breaker, 20 Amp (Signal Lights / optional)
H6	56481543	1	Head Light, Right
H7	56481543	1	Head Light, Left
H8	56454519	1	Tail Light
H9	56454519	1	Tail Light
*	56418682	1	Light Socket Assy (includes H8 & H9)
H11	56418392	1	Signal Light, Right Front (optional)
H12	56418836	1	Tail/Brake Light, Right Rear (optional)
H13	56418392	1	Signal Light, Left Front (optional)
H14	56418836	1	Tail/Brake Light, Left Rear (optional)
H15	56462366	1	Back-Up Alarm (optional)
H16	56442054	1	Horn
H19	56418836	1	Lamp, Back-Up (optional)
H20	56418836	1	Lamp, Back-Up (optional)
H22	56418836	1	Signal Light, Right Rear (optional)
H23	56418836	1	Signal Light, Left Rear (optional)
K2	56491862	1	Relay, Shaker Motor
K6	56418387	1	Relay, Hopper Door
K7	56491862	1	Relay, Signal Lights (optional)
L3	56418105	1	Solenoid, Main Broom
L4	56418104	1	Solenoid, Side Broom
M2	56418389	1	Shaker Motor
R4	56418416	1	Varistor
S8	56393312	1	Switch, Head Lights
S9	56418411	1	Switch, Turn Signal (optional)
S10	56455403	1	Switch, Back-Up Alarm (optional)
S11	56441555	1	Switch, Horn
S12	56418165	1	Switch, Hopper/Dump Door Interlock (Note 2, SR 1800 only)
			Switch, Hopper Door Interlock (Note 2, SR 1800 only)
S13	56372088	1	Switch, Main Broom
S14	56372088	1	Switch, Side Broom
S15	56418165	1	Switch, Dump Door Interlock (Note 2, SR 1800 only)
S20	56418411	1	Switch, Brake Light
GAUGE OPTION COMPONENTS			
P3	56489592	1	Gauge, Oil Pressure (standard on SR 1800 after SN 1477918 & all 6250)
P4	56489600	1	Gauge, Coolant Temperature (standard on SR 1800 after SN 1477918 & all 6250)
P5	56482044	1	Voltmeter (standard on SR 1800 after SN 1477918 & all 6250)
R6	56478698	1	Sender, Oil Pressure (standard on SR 1800 after SN 1477918 & all 6250)
R7	56481888	1	Sender, Coolant Temperature (standard on SR 1800 after SN 1477918 & all 6250)
**	56418390	1	Turn Signal Kit
**	56418420	1	Temperature Switch Kit
**	56418406	1	Vacuum Switch Kit
**	56418421	1	Back-Up Alarm Kit
**	56418369	1	Gauge Kit
**	56418834	1	Shaker Timer Kit
**	56418767	1	Beacon Kit

* = Not Shown

** = Optional

Note 1 (SR 1800 only): For Gauge Option the following items are not used: H2 and S4. R7 replaces S4 with Gauge Option. Cut the VIO / BLK wire off the connector at the lights and connect it to the VIO / BLK wire supplied with the Gauge Kit. These 'optional' gauges became standard equipment on machines after SN 1477918. All Retriever 6250 have the Gauge Option.

Note 2 (SR 1800 only): Machines after SN 1477900 have two interlock switches S12 and S15 which prevent the main broom from operating while the hopper is up or the dump door is closed. Machines before this serial number can be updated by ordering "Interlock Switch Kit" PN 56419348. All Retriever 6250 have two interlock switches.

FORM NO. 56042443

List Of Recommended Spare Parts 6250 / SR 1800

Part #	Part Description	Qty	Class	Model Notes
56418814	Machine Wear Pack Kit	1	W	* Items included in Kit
	Hopper System			
56418982	*Skirt, Sweeping Threshold (.187)	1	W	Std
56418293	Skirt, Sweeping Threshold (.125)	1	W	Optional
56418284	*Blade, Dump Door	2	W	
56418815	*Gasket, Hopper Cover	1	OM	
56418172	*Gasket, Litter Door	1	OM	
56482305	*Filter Panel, Dust Control	1	W	
56418289	Hopper Seal, Top Horizontal	1	W	
56418944	Blade, Litter Shield	1	W	
56418295	Inside Blade, Hopper	1	OM	
56418297	Shield, Dust	1	W	
56419440	*Blade (side of Dump Door)	2	W	
	Broom System			
56505240	*Main Broom, Proex STD	1	W	
56477812	*Side Broom, STD	1	W	
56418063	*Left Skirt, Broom Housing	1	W	
56418070	*Skirt, Right Door	1	W	
56418121	*Right Skirt, Broom Housing	1	W	
56462159	*Rear Blade, broom Housing	1	W	
56462160	*Internal Blade, Broom Housing	1	W	
56418469	Skirt, Left Door	2	W	
56419126	Blade	2	W	
	Engine			
56482028	*Air Cleaner Filter, Primary	1	OM	
56482029	*Air Cleaner Filter, Safety	1	OM	
56419086	Fuel Filter Cartridge	1	OM	Diesel
56482659	Oil Filter, Engine	1	OM	Diesel
56462862	Oil Filter, Engine	1	OM	Gasoline/Liquid Propane
56418509	Fuel Filter	1	OM	Gasoline
56419381	Fuel Filter	1	OM	Liquid Propane (LP)
56418718	Engine, Cooling Fan	1	EM	

03-1	RECOMMENDED SPARE PARTS	BOOK F		
	Retriever™ 6250 / SR 1800	F	8.9.1	75

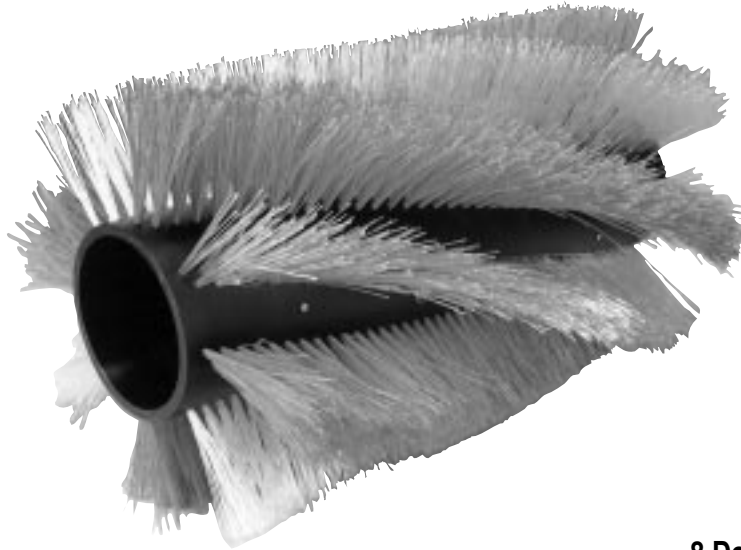
List Of Recommended Spare Parts (cont.) 6250 / SR 1800				
Part #	Part Description	Qty	Class	Model Notes
	Chassis			
56418075	Tire Assembly, Front/Rear (3 total)	1	OM	
56003384	Lug Nut, Tire Assembly	5	EM	
56418471	Latch, Door (non-locking)	1	EM	
	Hydraulic			
56419083	Hydraulic Oil Filter	1	OM	Main Reservoir
56419254	Hydraulic Oil Filter Cartridge	1	OM	Used on Propulsion Pump
56418825	Seal Kit, Propulsion Pump	1	EM	
56418987	Seal Kit, Accessory Pump	1	EM	
56418833	Seal Kit, Wheel Drive Motor	1	EM	
56479577	Seal Kit, Main Broom Motor	1	EM	
56479577	Seal Kit, Side Broom Motor	1	EM	
56419178	Seal Kit, Impeller motor	1	EM	
	Electrical			
56460005	Neutral Safety Start Switch	1	EM	
56372088	Switch, Main & Side Broom	2	EM	
56418387	Relay, Hopper Door Light	1	EM	
56491862	Relay, Shaker motor/Accessories	1	EM	
56324272	Switch, Rocker (shaker/dust)	1	EM	
56393312	Switch, Rocker (headlight)	1	EM	
56455820	Switch, Rocker (engine speed)	1	EM	Gasoline/Liquid Propane
56418165	Switch, Interlock (hopper/dump door)	2	EM	New style two switches
56418305	Solenoid, Fuel Lock Off		EM	Liquid Propane (LP)
	Miscellaneous			
56418528	Thumb Nut Weldt, Side Broom	1	EM	
56419123	Replacement Key (for PN 56418685)	1	EM	Used on G/P models only
56482692	Replacement Key (for PN 56497754)	1	EM	Used on Diesel models only
56419267	Zenith Fuel System Test Kit	1	OM	G/P Engine Fuel Injection
56043059	6250 / SR 1800 Service manual	1	OM	• All SR 1800 & 6250 models

Class

W = Normal Wear Part

OM = Ordinary Maintenance

EM = Extra-Ordinary Maintenance

**Main Broom: PN56505240 Proex & Wire (STD.) (8 Double Rows)**

This broom has a more aggressive cleaning action, used to pick up heavier debris.

PN56505207 Proex & Wire (Optional) (12 D-Rows)**PN56505071 Polypropylene (Optional) (8 D-Rows)**

A top quality synthetic fiber. This filament is made for a wide variety of applications. Retains its stiffness when wet and resists abrasive chemicals, solvents and oils. A general purpose material offering high performance for a wide range of applications.

PN56505210 Nylon (Optional) (8 D-Rows)

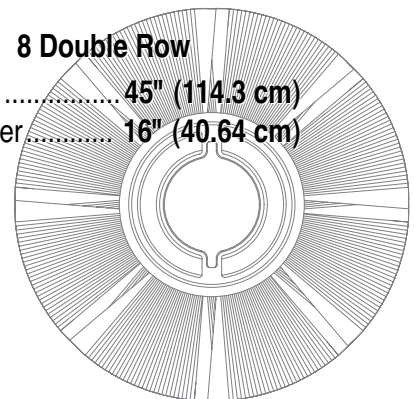
General purpose broom that can be used for all types of light soil. High wear material so uneven surfaces do not cause excessive wear. Nylon has a high heat deflection temperature, is chemical resistant and will absorb water in wet conditions. Truly a general purpose broom.

PN56505209 Proex (Optional) (12 Double Rows)**PN56505211 Proex (Optional) (8 Double Rows)**

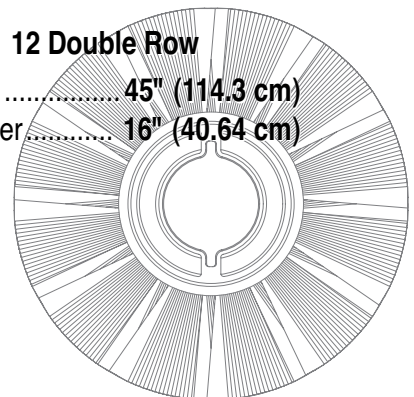
Synthetic fiber made of polypropylene designed to pick up paper, gravel, sand and other lighter less bulky litter.

PN56505208 Poly/Wire (Optional) (8 Double Rows)**8 Double Row**

Length 45" (114.3 cm)
Diameter 16" (40.64 cm)

**12 Double Row**

Length 45" (114.3 cm)
Diameter 16" (40.64 cm)

**Side Broom: PN56477812 Polypropylene (STD.)**

The side broom function is to sweep the dirt and debris away from the curb, wall, pallet, etc. into the path of the main broom.

PN56418837 Nylon (Optional)**PN56418838 Wire (Optional)**

Diameter 25" (63.5 cm)

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