



Multi-Pro[®] 1250 Turf Sprayer

Model No. 41165 - 240000401 and up.

Parts Catalog

Ordering Replacement Parts

To order replacement parts, please supply the part number, the quantity, and the description of each part desired.

Understanding Reference Numbers

Each identified part in an illustration has a reference number. The reference number for a part also appears in the parts list, along with other information about the part.

This catalog uses two special reference number formats, one to indicate parts in a service assembly and another to indicate the quantity of a given part in an illustration.

Service Assembly Reference Numbers

Parts in service assemblies have reference numbers in the form a:b. The a represents the reference number of the entire service assembly and the b represents a sequential number unique to each part within the service assembly.

For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1, 6:2, and 6:3. However, you may also order any part individually. Reference numbers of this type appear in illustrations and in part lists.

Reference Numbers Indicating Quantity

In an illustration, if a reference number indicates more than one part, the reference number has the form nX y. The n represents the quantity of the part, the X is the multiplication symbol, and the y represents the reference number.

For example, in an illustration, the reference number 2X 37 means that two of the parts identified by reference number 37 are indicated.

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Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

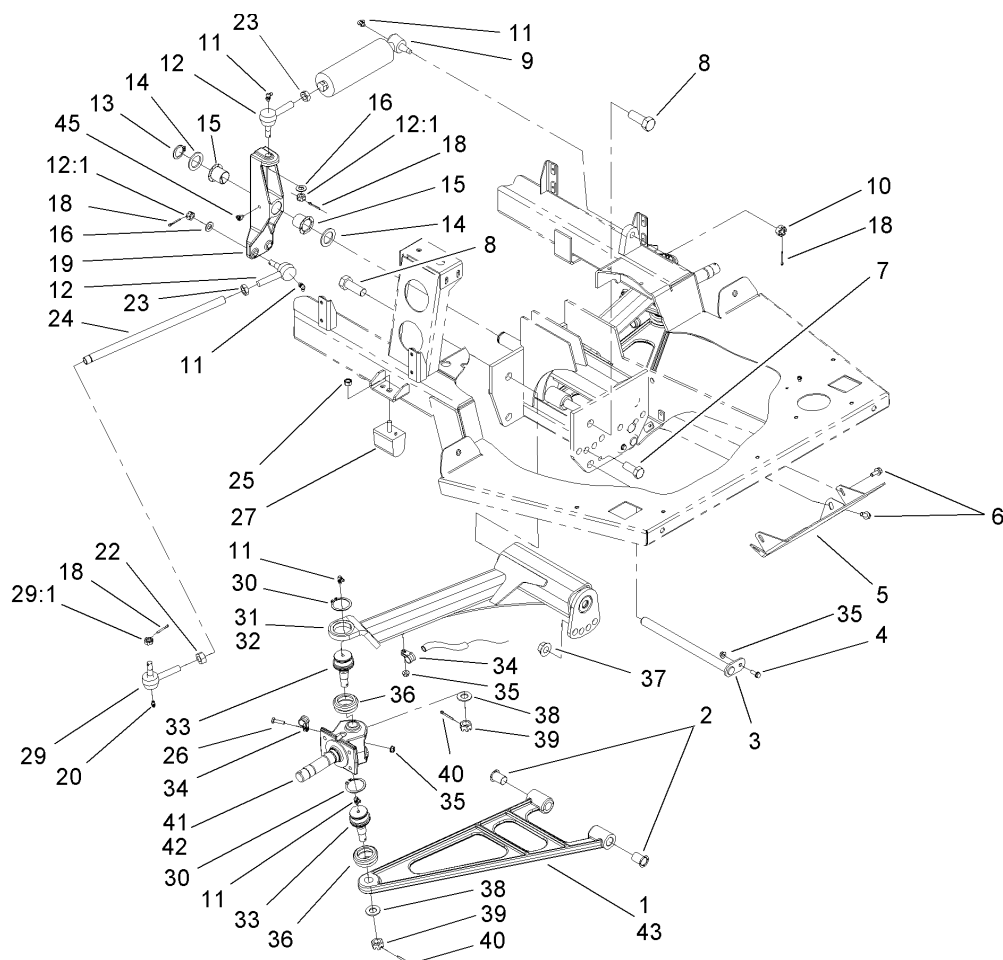
AR.	as required	HYD.	hydraulic
ASM.	assembly	LH.	left hand
BBC.	blade brake clutch	NI.	nylon insert
CARR.	carriage	NPTF.	national pipe thread fine
DEG.	degrees	PFH.	phillips flat head
EXT.	external	PPH.	phillips pan head
FH.	flat head	PPHTF.	phillips pan head thread forming
GA.	gauge	PRH.	phillips round head
HD.	heavy-duty	PTH.	phillips truss head
HF.	hex flange	PTO.	power-take-off
HH.	hex head	RH.	right hand
HHF.	hex head flange	ROPS.	roll-over protection system
HHFTF.	hex head flange thread forming	SFH.	slotted fillister head
HJ.	hex jam	SHH.	slotted hex head
HLH.	hex lag head	SHWH.	slotted hex washer head
HOC.	height-of-cut	SPH.	slotted pan head
HSBH.	hex socket button head	SQH.	square head
HSFH.	hex socket flat head	SRH.	slotted round head
HSH.	hex socket head	STD.	standard
HWH.	hex washer head	TAP.	self tapping
HWHTF.	hex washer head thread forming	TTH.	torx truss head

Footnotes

❶ Not illustrated

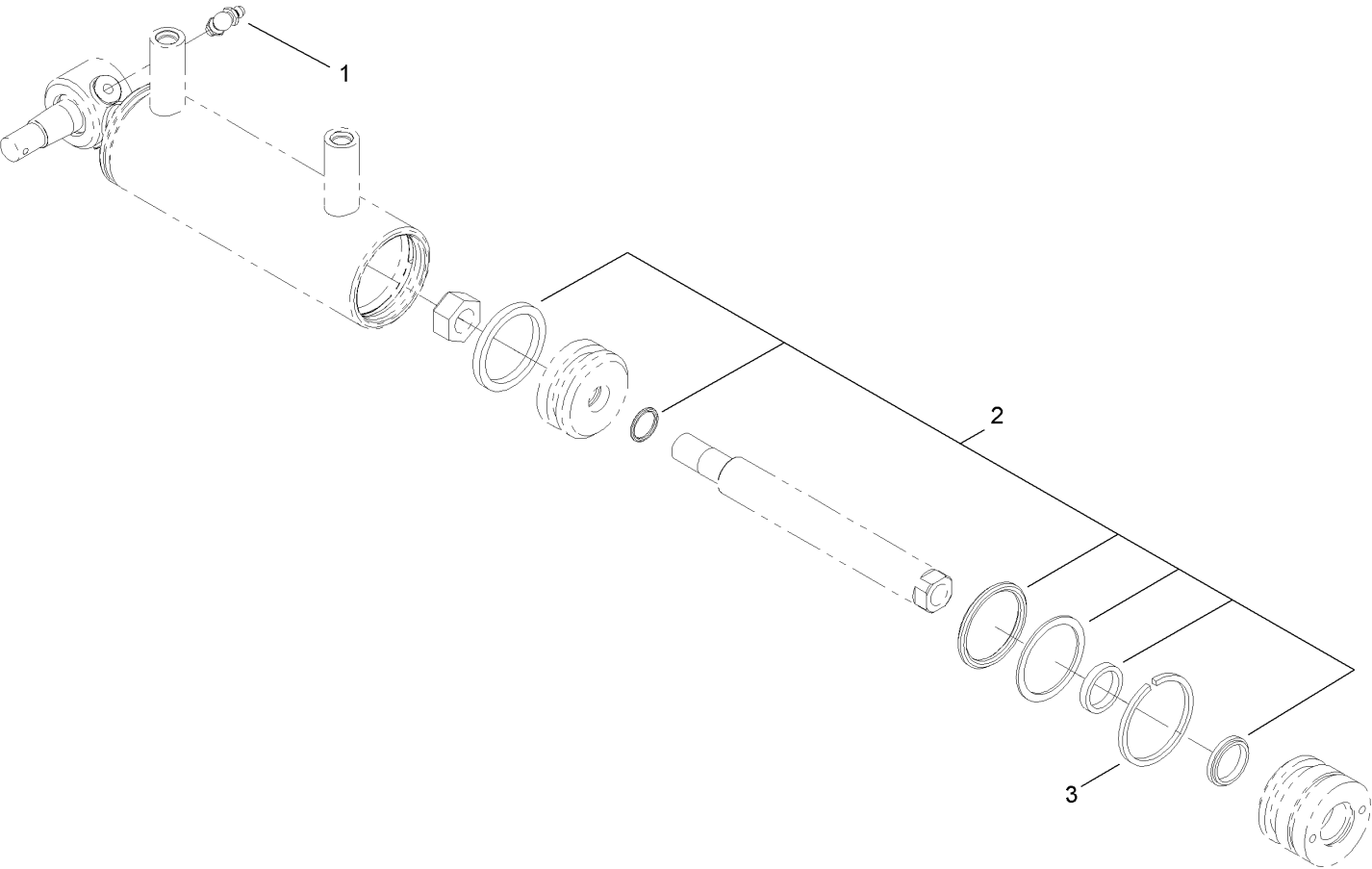
❸ Obtain Parts From Kohler

❷ Not serviced separately



Front Suspension Assembly

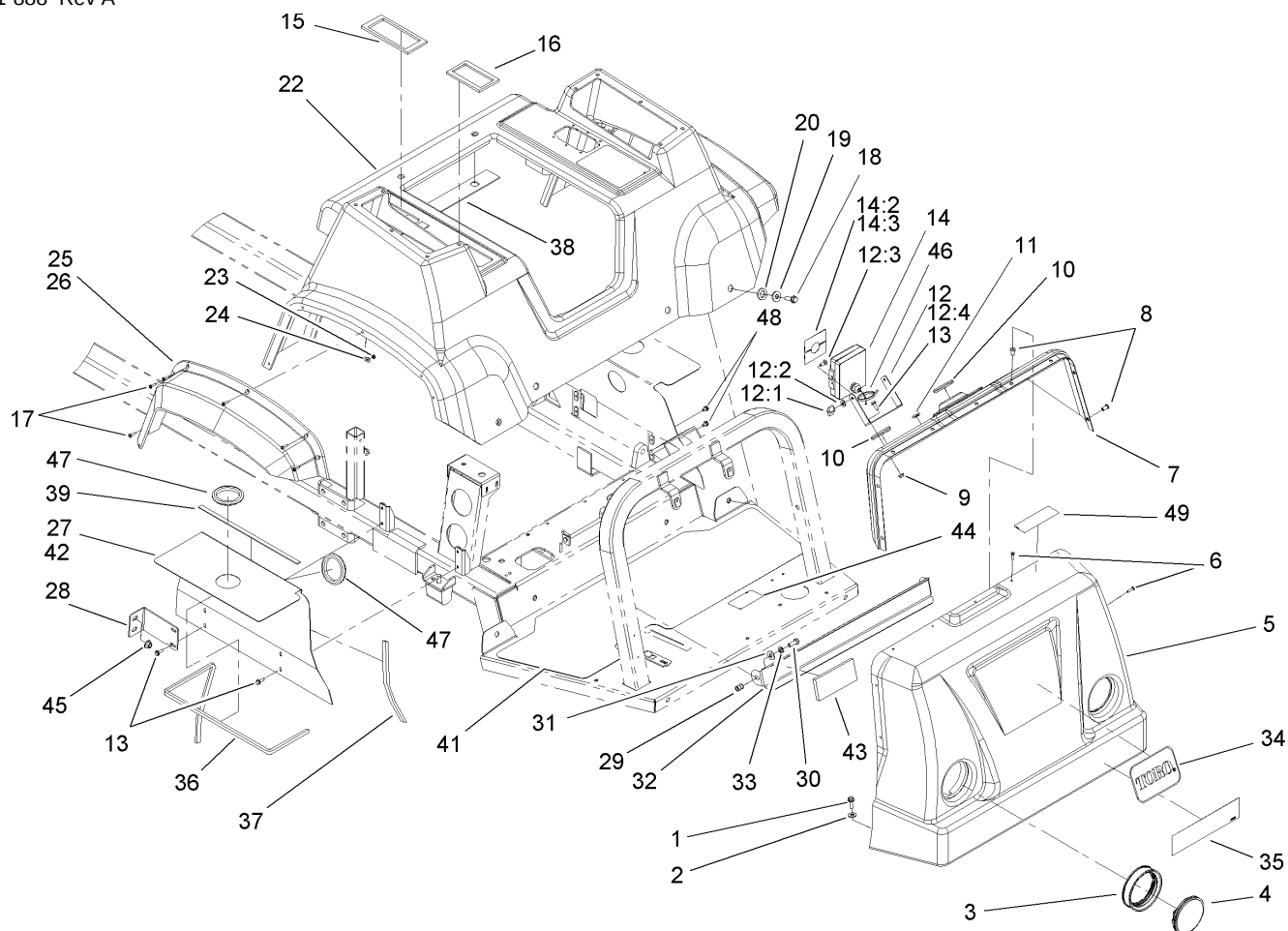
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	100-6744-03	1	RH A-Arm ASM	26	321-6	2	Screw-HH
2	100-8541	4	Bushing-A Arm	27	87-3470	2	Bumper-Axle, Rear
3	100-8544	2	Pivot Pin ASM	29	112771	2	Joint-Ball, LH
4	3234-4	2	Screw-HHF	29:1	915031	1	Nut
5	100-7060-03	1	Plate-Skid	30	32151-104	4	Ring-Retaining, External
6	3234-5	4	Screw-HHF	31	100-8414	1	RH Axle ASM
7	327-4	2	Screw-HH	32	100-8413	1	LH Axle ASM
8	328-24	4	Screw-HH	33	87-1430	4	Joint-Ball
9	100-8278	1	Cylinder-Steering	34	2412-134	4	R-Clamp
10	32136-13	1	Nut-SHH	35	32128-33	6	Nut-HF
11	302-60	8	Fitting-Grease, 90 DEG	36	87-2420	4	Seal-Joint, Ball
12	112772	3	Joint-Ball, RH	37	32128-50	2	Nut-Flange
12:1	915031	1	Nut	38	3256-27	4	Washer-Flat
13	100-6785	1	Ring-Retaining	39	32136-2	4	Nut-SHH
14	3-6781	2	Washer-Thrust	40	3272-17	4	Pin-Cotter
15	256-318	2	Bearing-Nyliner	41	100-6738	1	Spindle-RH
16	3256-25	3	Washer-Flat	42	100-6739	1	Spindle-LH
18	3272-11	6	Pin-Cotter	43	100-6745-03	1	LH A-Arm ASM
19	100-6774	1	Pivot-Steering	45	302-11	1	Fitting-Lube, 45 DEG
20	302-5	2	Fitting-Grease				
22	3218-21	2	Nut-Jam				
23	3220-11	3	Nut-Jam				
24	100-8534-03	2	Tie Rod-Steering				
25	48-9520	2	Nut				



Hydraulic Cylinder Assembly No. 100-8278

Ref	Part No.	Qty.	Description
1	302-60	1	Fitting-Grease, 90 DEG
2	107-1552	1	Seal Kit
3	94-3612	1	Ring-Retaining

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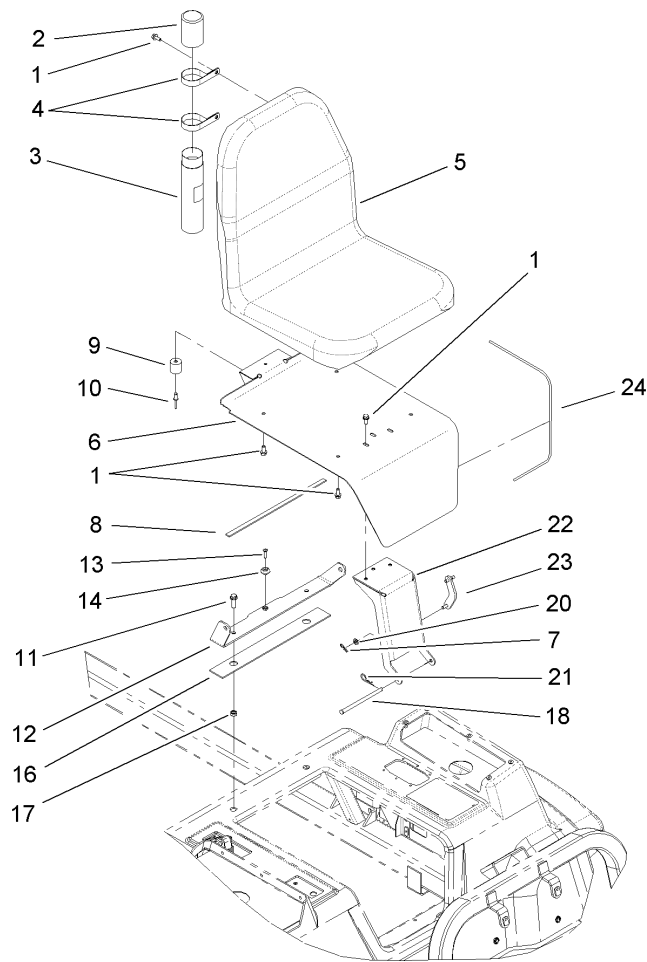
Engine Cover Assembly

Ref	Part No.	Qty.	Description
1	3234-17	5	Screw-HHF
2	3256-3	5	Washer-Flat
3	99-7311	2	Mount-Headlight
4	99-7310	2	Headlight
5	100-8281	1	Hood-Front, Console
6	3250-25	13	Screw-PPH
7	100-6777	1	Dash Panel ASM
8	100-8450	19	Nut-Well
9	32128-33	2	Nut-HF
10	40764	2	Grommet
11	94-7290	1	Plug-Hole
12	100-6735	1	Monitor Mounting Bracket Kit
12:1	99-0667	2	Knob
12:2	99-0730	2	Washer-Rubber
12:3	106-4868	2	Screw-CARR
12:4	99-0576	1	Bracket
13	3234-4	8	Screw-HHF
14	108-3312	1	Monitor-Spray
14:2	108-3307	1	Decal-Monitor
14:3	108-3309	1	Decal-Monitor, Ce
15	100-8436	1	Seal-Foam
16	100-8437	1	Seal-Foam
17	3250-13	12	Screw-PPH
18	3234-24	6	Screw-HHF

Ref	Part No.	Qty.	Description
19	107-8634	6	Seatbase-Spacer
20	100-8468	6	Washer-Rubber
22	100-6776	1	Seat Base ASM
23	3217-26	12	Nut-Hex
24	3256-49	12	Washer-Flat
25	94-7074	1	Flare-Fender, RH
26	94-7075	1	Flare-Fender, LH
27	100-8443-03	1	Panel-Shield, RH
28	100-8623	2	Bracket-Engine Cover Support, Rear
29	92-3788	2	Insert
30	323-6	2	Screw-HH
31	3256-4	2	Washer-Flat
32	100-6731-03	1	Shield-Headlight
33	3253-21	2	Washer-Lock
34	62-5550	1	Decal
35	106-5128	1	Decal
36	100-8423	2	Trim-Shield, Top
37	100-8444	2	Trim-Shield, Front And Rear
38	100-8463	1	Seal-Foam
39	100-8499	2	Seal-Foam
41	100-8622	1	Tread-Floor
42	100-8448-03	1	Panel-Shield, LH
43	106-4872	2	Pad-Foam, Headlight

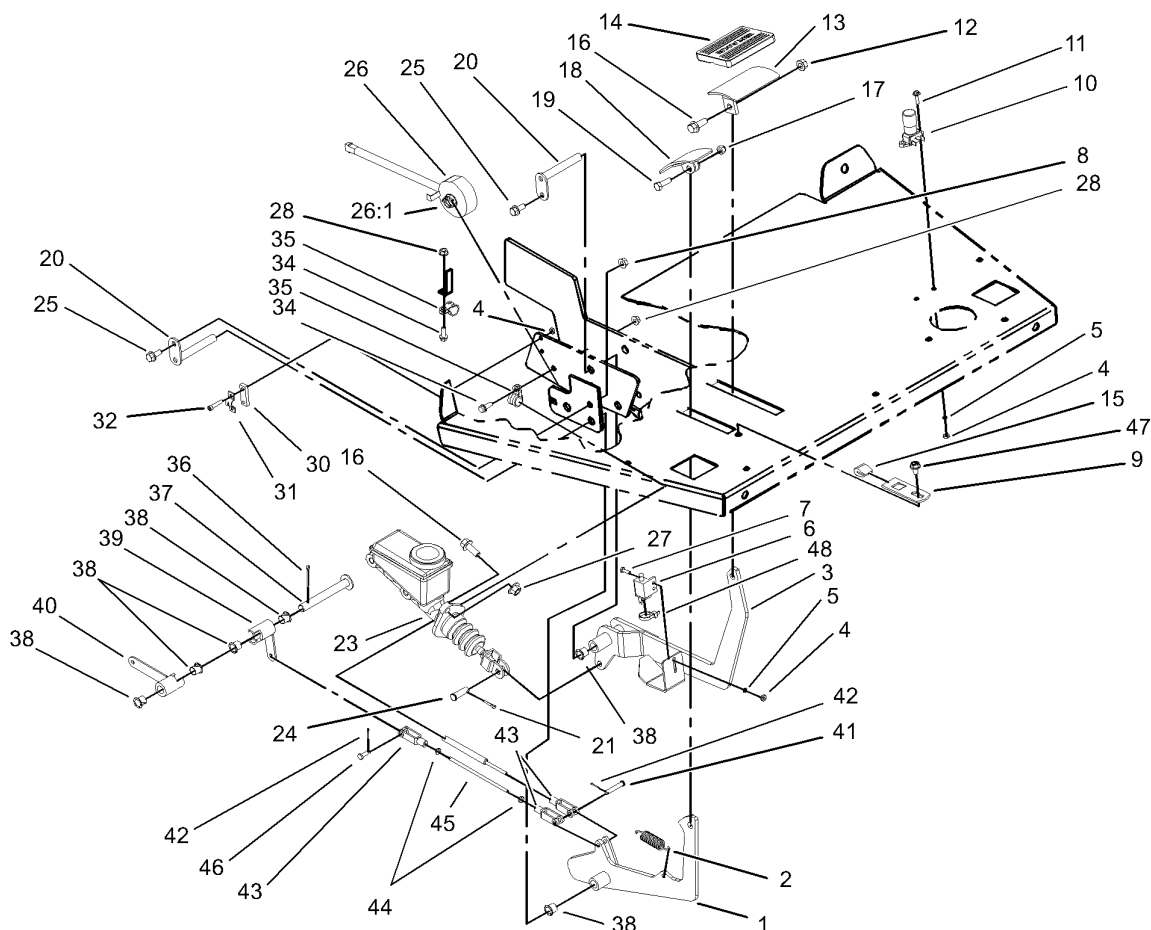


Ref	Part No.	Qty.	Description
44	100-8619	1	Decal-Switch, Boom
45	32128-43	2	Nut-Flange
46	3290-379	4	Tie-Cable
47	237-164	4	Grommet
48	3234-26	2	Screw
49	106-5016	1	Decal-Caution, Electric Shock



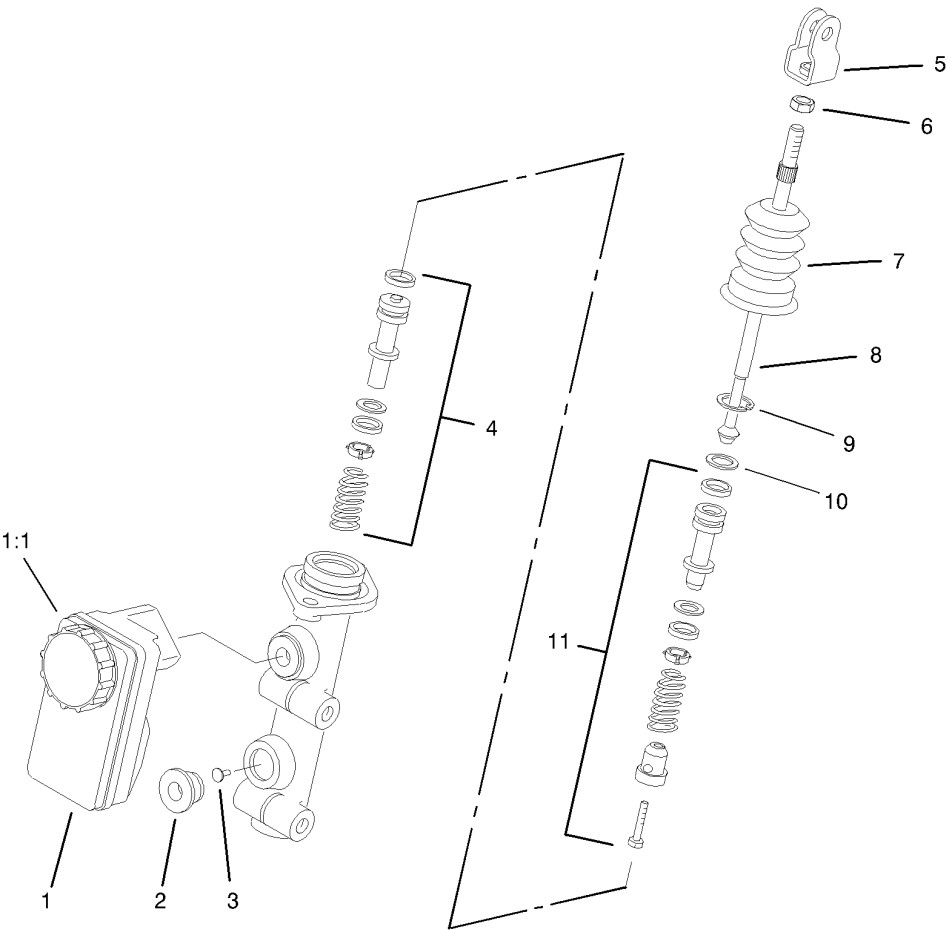
Seat Support Assembly

Ref	Part No.	Qty.	Description				
1	3234-5	9	Screw-HHF				
2	104-7048	1	Cap-Housing				
3	104-7050	1	Housing-Manual				
4	2412-133	2	R-Clamp				
5	104-4620	1	Seat				
6	106-4856-03	1	Bracket-Seat				
7	3290-307	1	Pin-Hair				
8	100-8499	1	Seal-Foam				
9	99-7830	1	Rubber Receptical ASM				
10	3290-412	1	Rivet				
11	3234-24	2	Screw-HHF				
12	107-8614-03	1	Bracket-Seatbelt				
13	32108-5	1	Screw-FH				
14	99-7833	1	Post-Holding				
16	100-8463	1	Seal-Foam				
17	100-8464	2	Spacer				
18	100-8501	1	Pin-Clevis				
20	3256-23	1	Washer-Flat				
21	9335054	1	Pin-Hair				
22	106-4958-03	1	Bracket-Hinge				
23	106-5171	1	Prop-Seat				
24	100-8500	1	Trim-Seat				



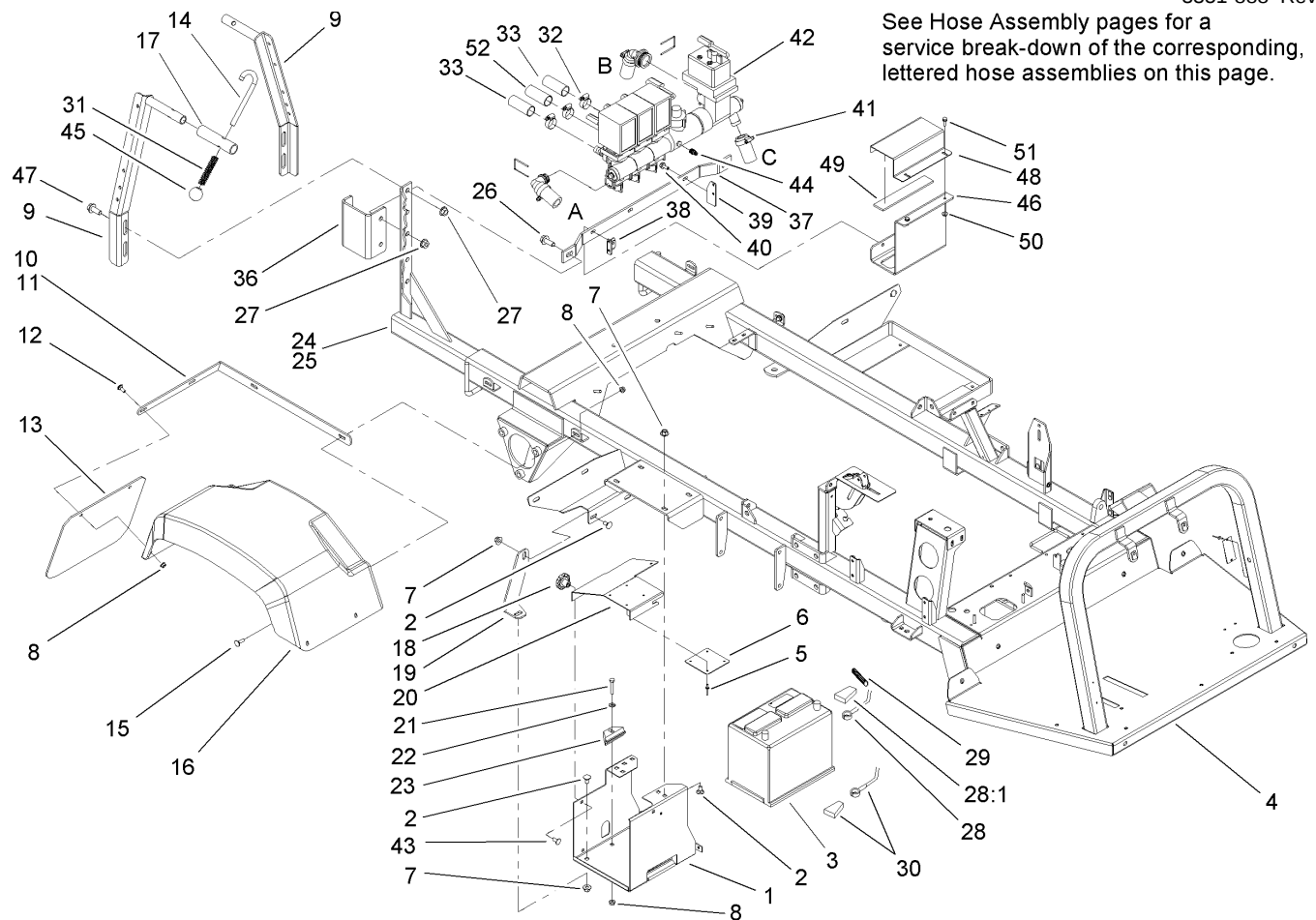
Brake and Accelerator Pedal Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	100-8367-03	1	Accelerator-Lever	26	99-8090	1	Magnet ASM
2	67-1450	1	Spring-Idler	26:1	93-6601	1	Spring-Compression
3	100-8553-03	1	Brake-Lever	27	32128-43	2	Nut-Flange
4	3217-26	6	Nut-Hex	28	32128-33	2	Nut-HF
5	3253-17	4	Washer-Lock	30	100-8561	1	Plate-Spacer
6	92-0305	1	Switch	31	100-8560	1	Bracket-Throttle
7	3290-134	2	Screw	32	3274-81	2	Screw-HSH
8	32128-20	2	Nut-HF	34	3234-4	2	Screw-HHF
9	104-8791-03	1	Plate-Pedal, Stop	35	2412-134	2	R-Clamp
10	94-7170	1	Switch-Floor	36	3272-12	1	Pin-Cotter
11	32105-13	2	Screw-HWH	37	100-8517	1	Pivot Pin ASM
12	32128-21	1	Nut-HF	38	256-257	8	Bushing-Nyliner
13	100-8422-03	1	Pedal Bracket ASM	39	100-8515	1	Arm-Actuator, Short
14	7-3900	1	Pad-Brake	40	100-8512	1	Arm-Actuator, Long
15	100-6702	3	Stop-Lever, Pedal	41	283-66	1	Pin-Clevis
16	3234-11	3	Screw-HHF	42	3272-1	3	Pin-Cotter
17	32153-3	1	Nut-Hex, Side Deform	43	282-28	4	Clevis-Adjustable
18	93-8969-03	1	Pedal	44	3219-14	4	Nut-Hex
19	322-5	1	Screw-HH	45	100-8562	1	Rod-Threaded
20	100-8554	2	Pin-Pivot	46	283-67	2	Pin-Clevis
21	3272-10	1	Pin-Cotter	47	3234-28	1	Screw-HHF
23	94-3800	1	Master Cylinder ASM	48	3290-379	4	Tie-Cable
24	283-2	1	Pin-Clevis				
25	3234-5	2	Screw-HHF				



Master Cylinder Assembly No. 94-3800

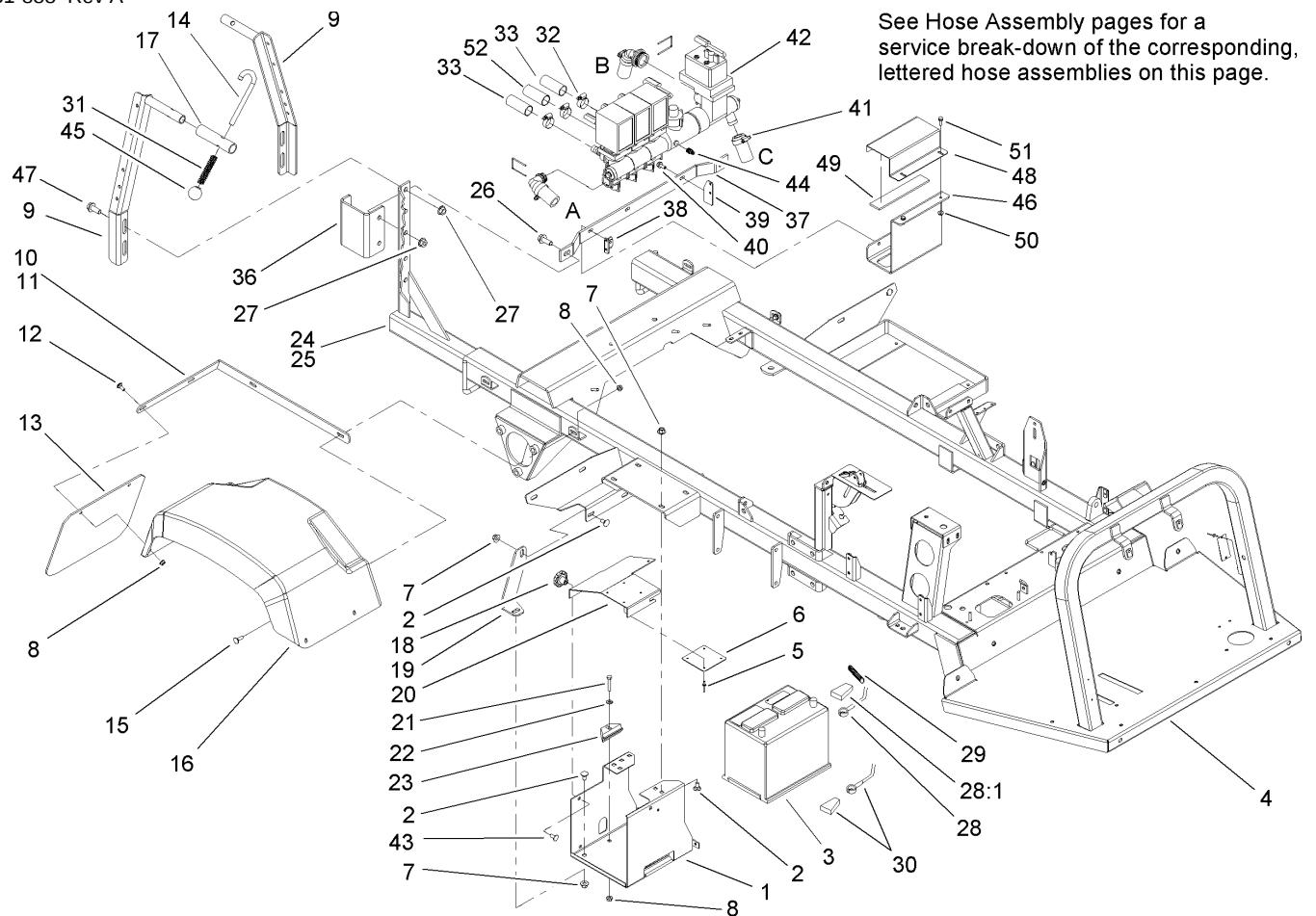
Ref	Part No.	Qty.	Description				
1	87-3040	1	Reservoir-Cylinder, Master				
1:1	92-4112	1	Cap ASM				
2	93-8971	2	Seal-Port, Flange				
3	92-4103	1	Pin-Stop				
4	92-4102	1	Secondary Piston ASM				
5	92-4110	1	Clevis				
6	21-0360	1	Nut-Hex				
7	94-5209	1	Cover-Dust				
8	94-5210	1	Rod-Push				
9	92-4109	1	Ring-Snap				
10	92-4108	1	Retainer-Washer				
11	92-4101	1	Primary Piston ASM				



Rear Fender and Battery Mount Assembly

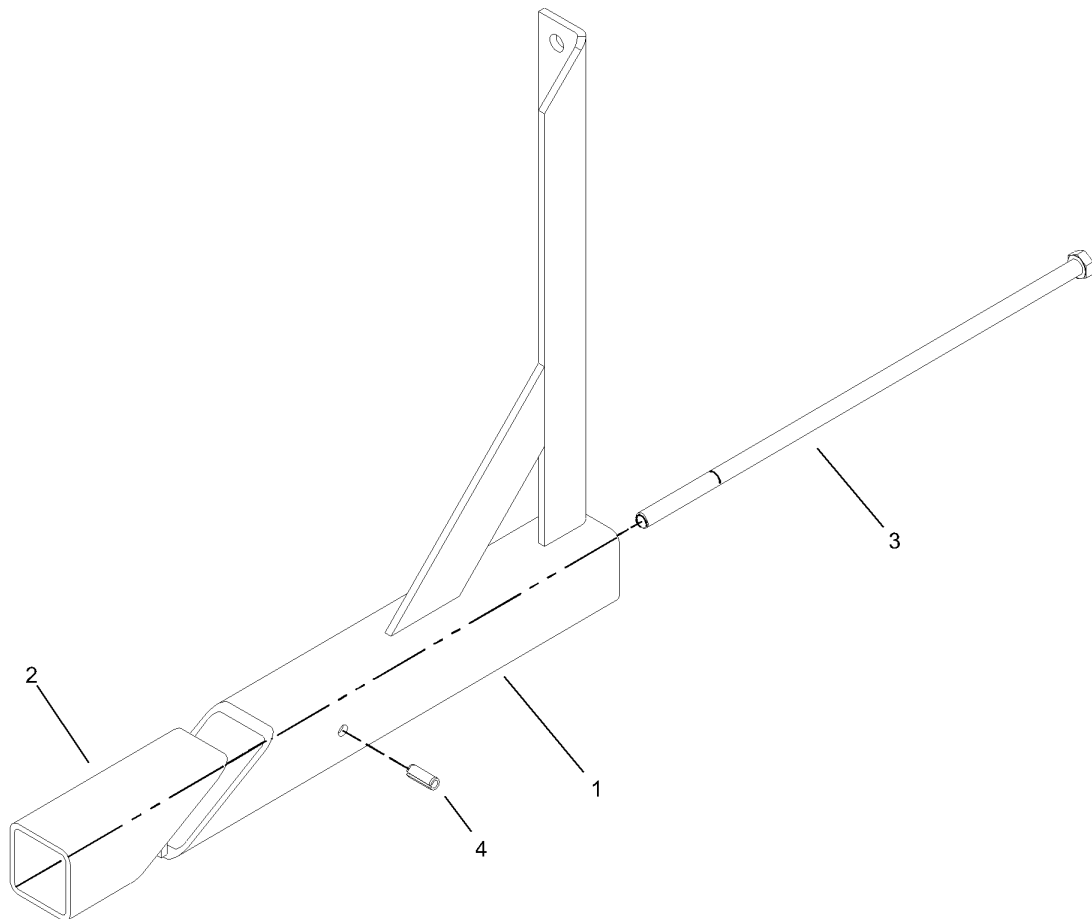
Ref	Part No.	Qty.	Description
1	87-5120-03	1	Bracket-Holder, Battery
2	3231-1	4	Screw-CARR
3	106-5187	1	Battery
4	100-8339-03	1	Mainframe ASM
5	3269-27	4	Rivet-Snap
6	87-7620	1	Shield-Terminal, Battery
7	32128-43	4	Nut-Flange
8	32128-20	13	Nut-HF
9	106-5082-03	2	Hold-Boom
10	100-8246-03	1	Mount-Fender, RH
11	100-8245-03	1	Mount-Fender, LH
12	3230-1	8	Bolt-CARR
13	100-8259	2	Guard-Splash
14	92-8562	2	Hook-Restraint, Boom
15	3230-2	4	Bolt-CARR
16	93-6498	2	Fender-Rear
17	92-8561	2	Hose-Hold In
18	19-4050	2	Knob
19	100-8201-03	1	Support-Battery
20	87-5130-03	1	Cover-Battery
21	322-9	1	Screw-HH
22	3256-23	1	Washer-Flat
23	66-2490	1	Retainer-Battery
24	106-4960	1	LH Boom Mount ASM

Ref	Part No.	Qty.	Description
25	106-4961	1	RH Boom Mount ASM
26	3234-32	4	Screw-HHF
27	32128-49	10	Nut-HHF
28	99060	1	Cable-Ground
28:1	106-4915	1	Cap-Protective, Blue
29	104-8742	1	Conduit-Cable, Battery
30	106-5113	1	Cable-Battery, Positive
31	92-8563	2	Spring
32	2412-129	3	Clamp-Hose
33	41340	2	Hose-Boom
36	100-8431-03	2	Bracket-Mounting, Boom
37	100-8434-03	1	Bar-Valve Mounting
38	100-8432-03	2	Bracket
39	100-8433-03	1	Bracket
40	3234-5	3	Screw-HHF
41	2412-3	1	Clamp-Hose
42		1	Control-Valve, Evc
43	3230-23	2	Screw-CARR
44	100-8674	1	Coupler-Tube
45	92-8564	2	Knob
46	107-8611-03	1	Bracket-Valve, Boom
47	3234-32	4	Screw-HHF
48	107-8612-03	1	Bracket-Support, Valve
49	100-8524	1	Strip-Foam



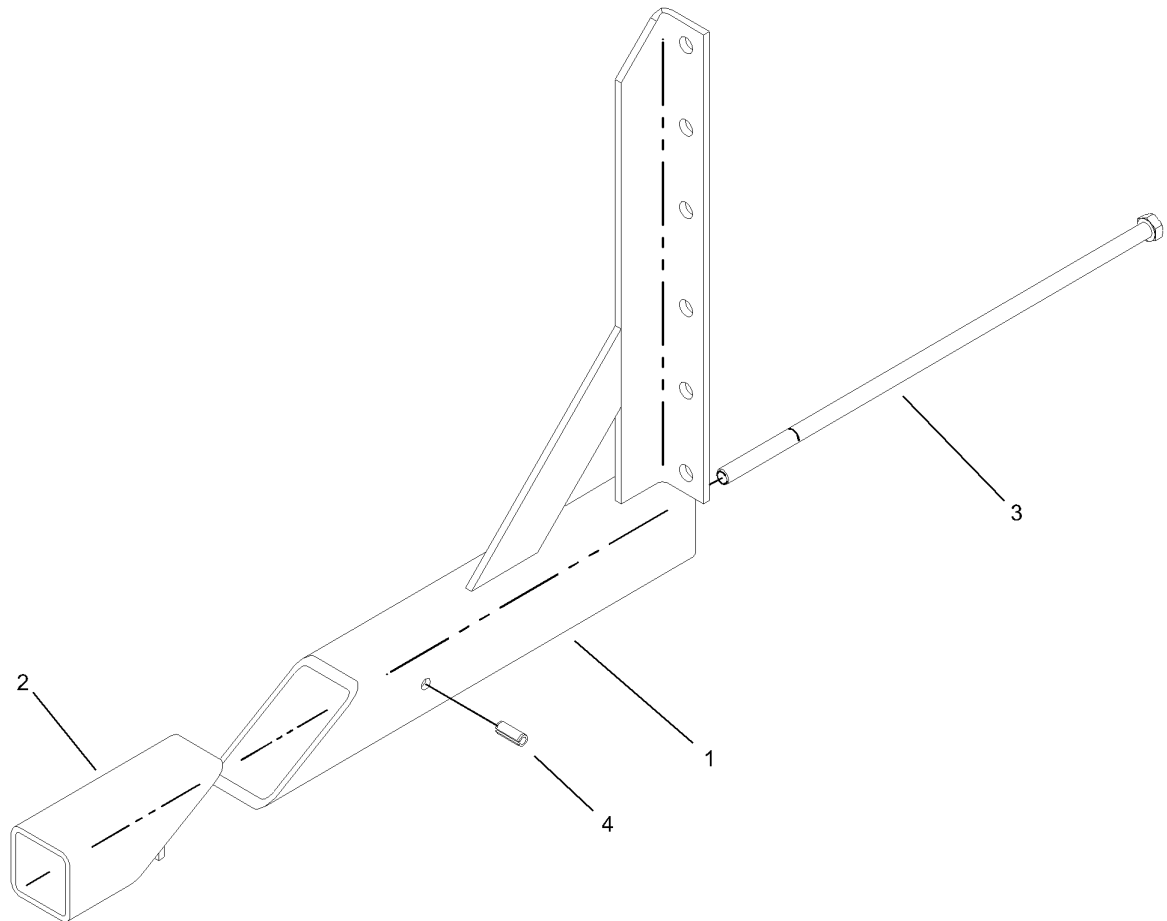
Rear Fender and Battery Mount Assembly (continued)

Ref	Part No.	Qty.	Description
50	32128-33	2	Nut-HF
51	3234-4	2	Screw-HHF
52	107-8645	1	Hose-Boom, Center



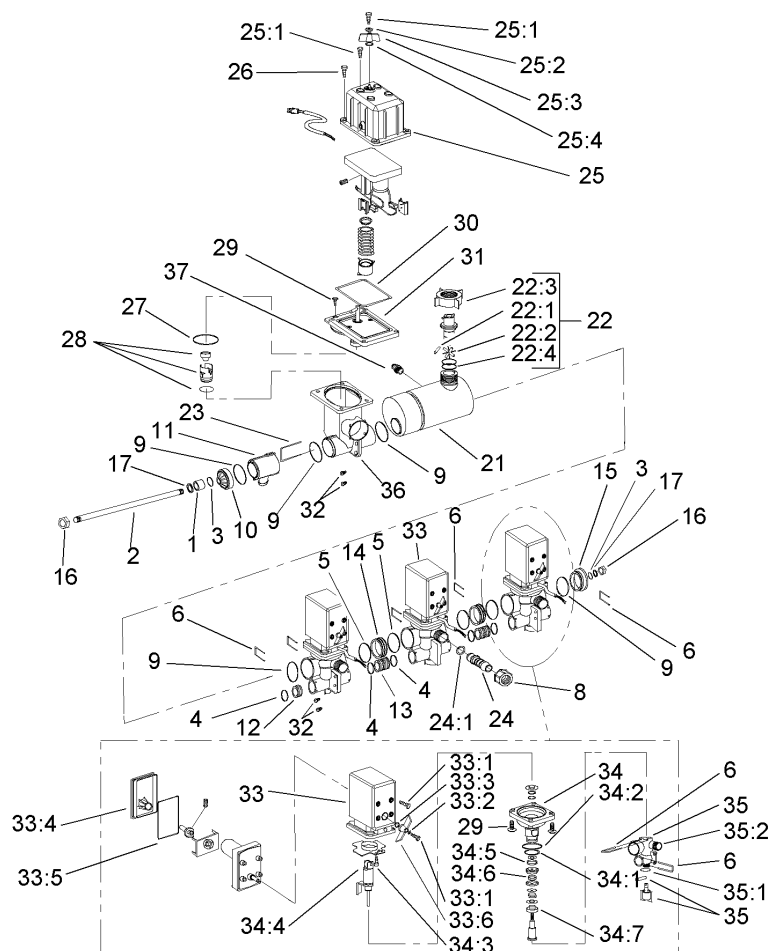
Right Hand Boom Mount Assembly No. 106-4960

Ref	Part No.	Qty.	Description
1	42222-03	1	LH Boom Mount ASM
2	42223-03	1	Wedge Tube ASM
3	42199	1	Bolt
4	32121-41	1	Pin-Roll



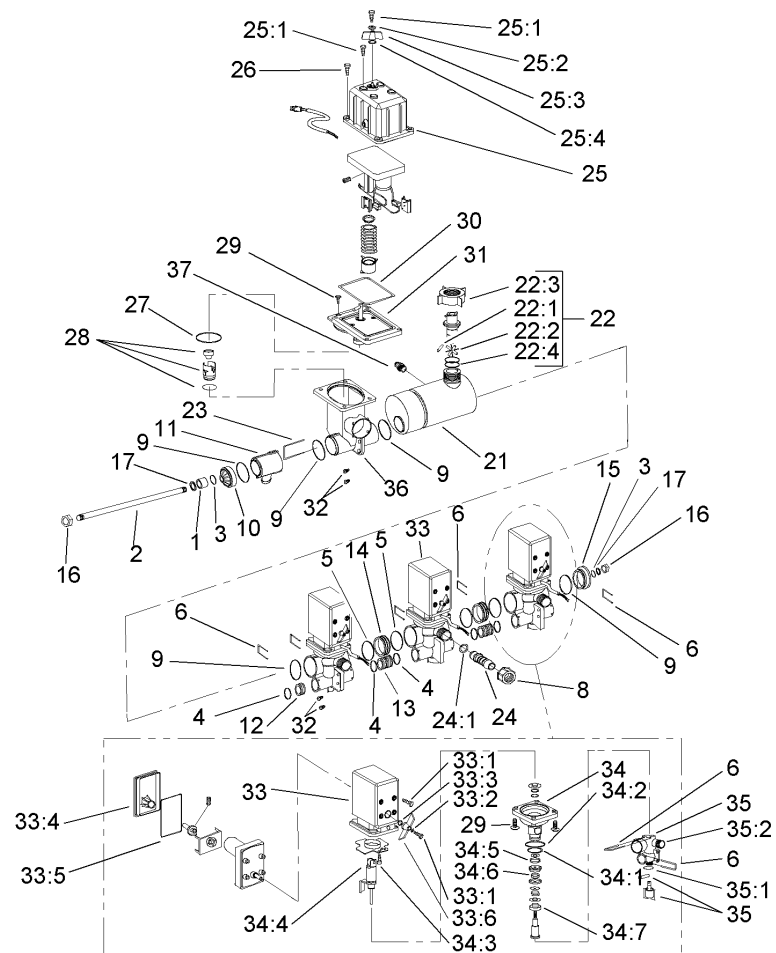
Left Hand Boom Mount Assembly No. 106-4961

Ref	Part No.	Qty.	Description
1	42217-03	1	RH Boom Mount ASM
2	42223-03	1	Wedge Tube ASM
3	42199	1	Bolt
4	32121-41	1	Pin-Roll



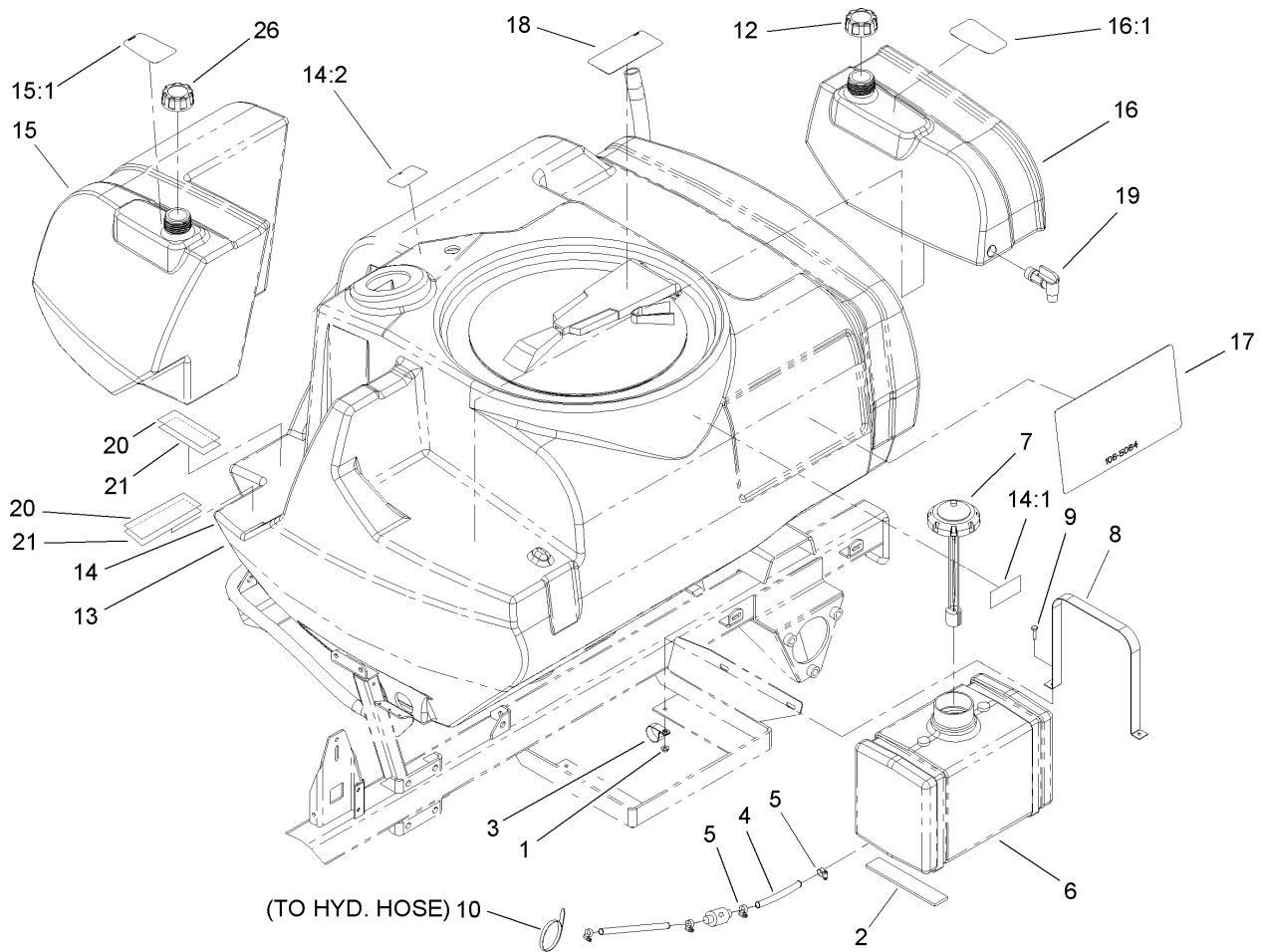
EVC Control Valve Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	100-6897	1	Bushing	24:1	100-6645	1	O-Ring
2	100-6909	1	Rod-Threaded	25	106-1358	1	Rate Control Motor ASM
3	100-6887	2	O-Ring	25:1	100-6876	1	Screw
4	100-6882	5	O-Ring	25:2	100-6877	1	Washer-Lock
5	100-6646	5	O-Ring	25:3	100-6903	1	Grip-Hand
6	100-6885	9	Fork-Valve, Boom	25:4	100-6880	1	O-Ring
8	99-0850	3	Nut	26	100-6918	4	Screw-Plastic
9	100-6892	4	O-Ring	27	100-6904	1	O-Ring
10	100-6913	1	Cover	28	100-6905	1	Rate Valve Repair Kit
11	100-6908	1	T-Piece	29	100-6917	16	Screw-Plastic
12	100-6891	1	Cap-End	30	100-6901	1	Gasket-Housing, Valve Motor
13	100-6890	2	Joiner-Bypass, Boom	31	100-6899	1	Section-Spindle, Valve Rate
14	100-6896	2	Joiner-Valve, Boom	32	100-6916	6	Screw-Plastic
15	100-6915	1	Cover-End	33	107-2861	3	Boom Valve Motor ASM
16	100-6894	2	Nut	33:1	100-6876	3	Screw
17	100-6634	2	Washer	33:2	100-6877	3	Washer-Lock
21	100-6920	1	Housing-Meter, Flow	33:3	100-6880	3	O-Ring
22	100-6900	1	Flow Sensor ASM	33:4	100-6874	3	Cover-Valve, Boom
22:1	100-6906	1	Shaft-Rotor	33:5	100-6912	3	Cover-Seal
22:2	100-6919	1	Meter-Flow, Rotor	33:6	100-6875	3	Handgrip-Valve, Boom
22:3	100-8678	1	Nut	34	100-6889	3	Section-Spindle, Boom Valve
22:4	100-8653	1	O-Ring	34:1	100-8653	1	O-Ring
23	100-6907	1	Fork	34:2	100-6882	5	O-Ring
24	106-5112	3	Hosebarb ASM	34:3	100-6911	1	Pin-Roller



EVC Control Valve Assembly (continued)

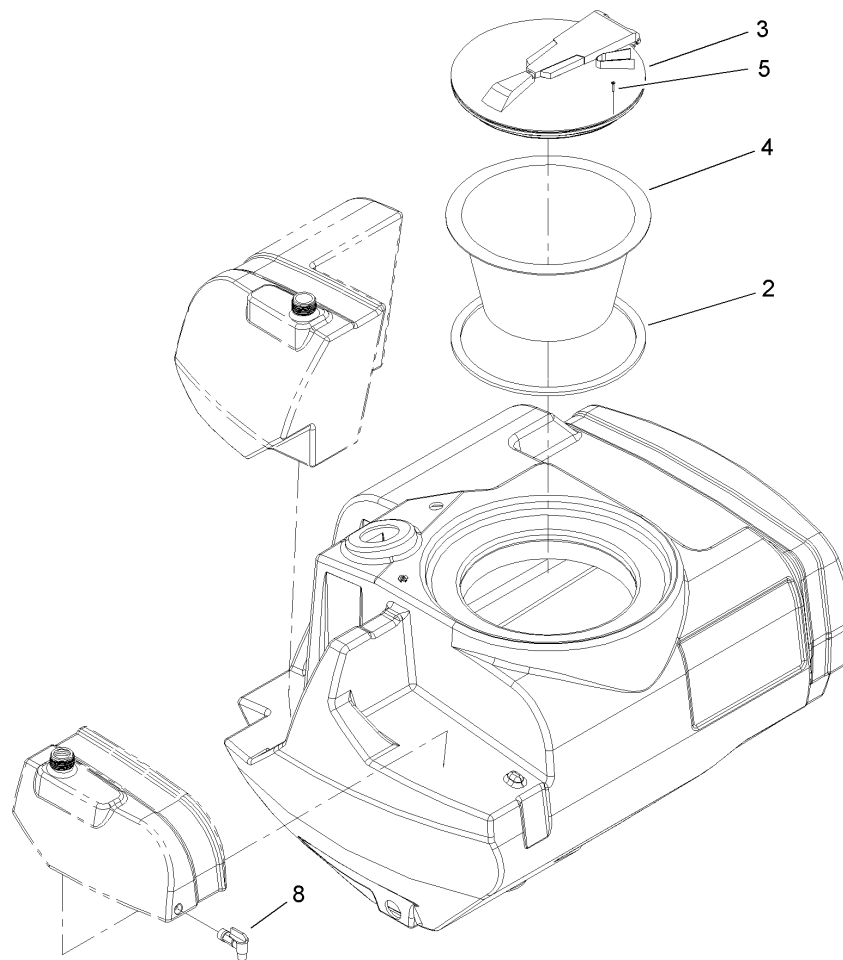
Ref	Part No.	Qty.	Description				
34:4	100-6910	1	Bearing-Roller				
34:5	100-6879	1	O-Ring				
34:6	100-6878	1	O-Ring				
34:7	100-6881	1	Cone-Stem, Boom Valve				
35	100-6888	3	Manifold-Valve, Boom				
35:1	100-6887	1	O-Ring				
35:2	106-5151	1	Manifold-Lower				
36	100-6914	1	Valve-Control, Housing Rate				
37	100-8674	1	Coupler-Tube				



Fresh Water Tank Assembly

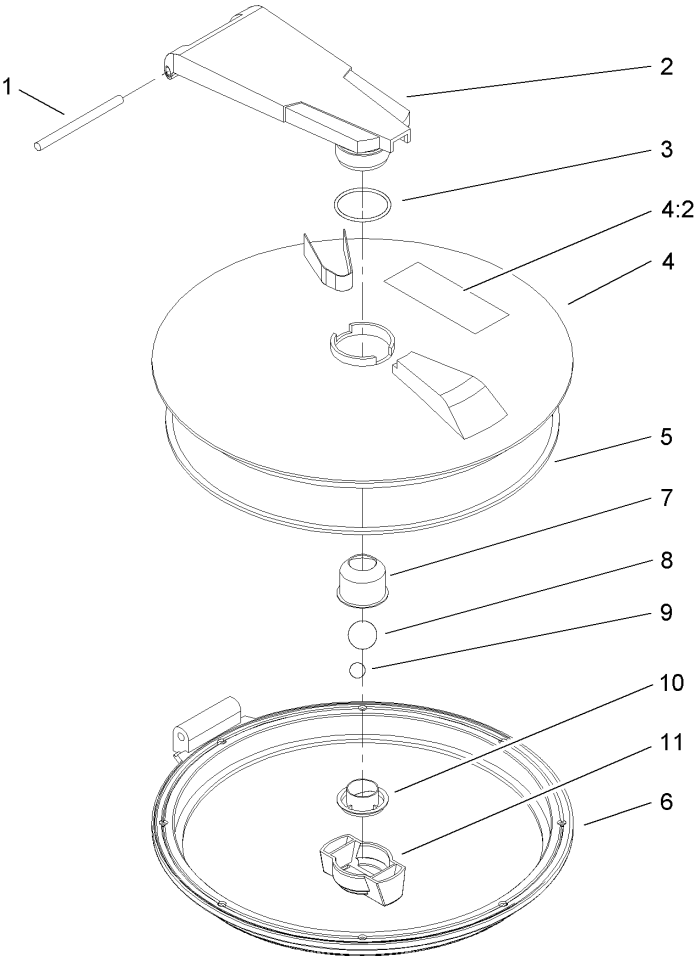
Ref	Part No.	Qty.	Description
1	32128-33	4	Nut-HF
2	100-8524	2	Strip-Foam
3	2412-74	1	R-Clamp
4	100-8387	1	Hose-Fuel
5	2412-108	2	Clamp-Worm
6	100-8294	1	Tank-Fuel
7	100-8386	1	Fuel Cap And Gauge ASM
8	106-4867-03	2	Strip-Hold Down, Gas Tank
9	321-6	4	Screw-HH
10	3290-379	4	Tie-Cable
12	106-5052	1	Cap-Water, Fresh
13		1	Main Tank ASM
14	106-5045	1	175 Gallon Tank ASM
14:1	106-1355	1	Decal-No Tank Entry
14:2	106-5065	1	Decal-Drain, Tank
15	106-5046	1	20 Gallon Tank ASM
15:1	107-8640	1	Decal-Tank, Rinse
16	106-5047	1	5 Gallon Tank ASM
16:1	106-5051	1	Decal-Flush, Tank
17	106-5064	2	Decal-Profile, Low
18	93-0688	1	Decal-Warning, Chemical
19	106-4925	1	Spigot-90 DEG
20	107-8629	2	Pad-Rubber
21	107-0377	3	Tape-Glue, 1/2In

Ref	Part No.	Qty.	Description
26	107-8641	1	Cap-Water, Fresh



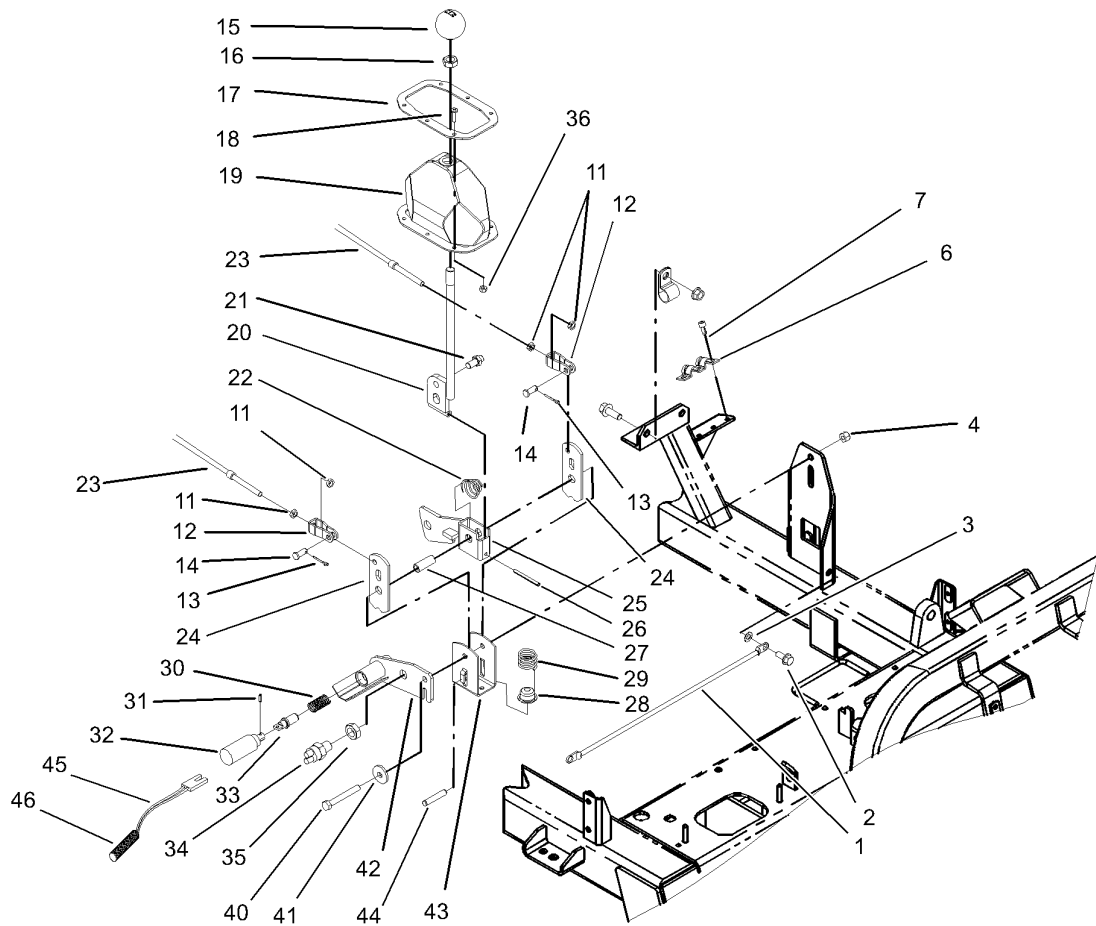
Main Tank Assembly

Ref	Part No.	Qty.	Description				
2	106-4991	1	Seal-Lid				
23		1	Screw Type Tank Lid ASM				
4	104-9051	1	Basket-Strainer				
5	107-8635	8	Screw-PFH				
8	106-4925	1	Spigot-90 DEG				



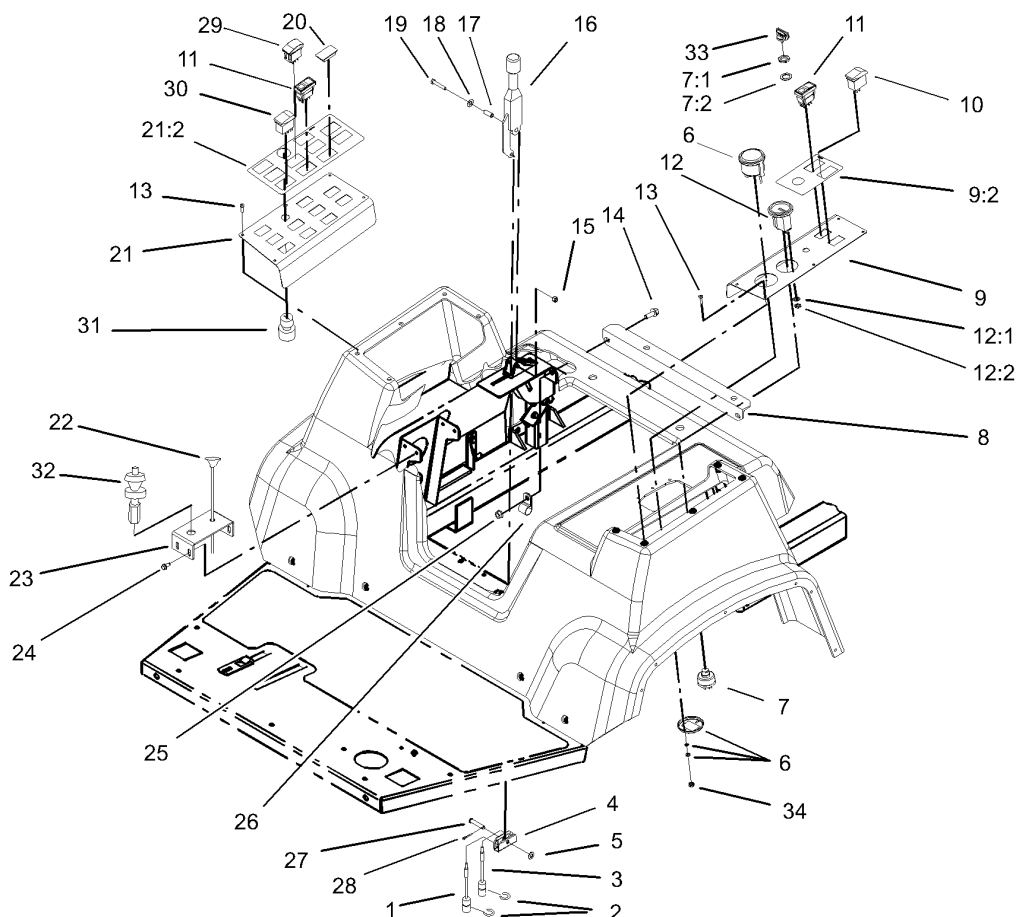
Lid Assembly

Ref	Part No.	Qty.	Description				
1	106-5000	1	Pin-Pivot				
2	106-5001	1	Arm				
3	106-5002	1	O-Ring				
4	106-1369	1	Lid				
4:2	93-0688	1	Decal-Warning, Chemical				
5	106-5004	1	Seal-Lid				
6	106-5005	1	Ring				
7	106-5006	1	Cup-Vent				
8	106-5007	1	Ball-Floating				
9	106-5008	1	Ball-Weight				
10	106-5009	1	Holder-Ball				
11	106-5010	1	Nut-Wing				



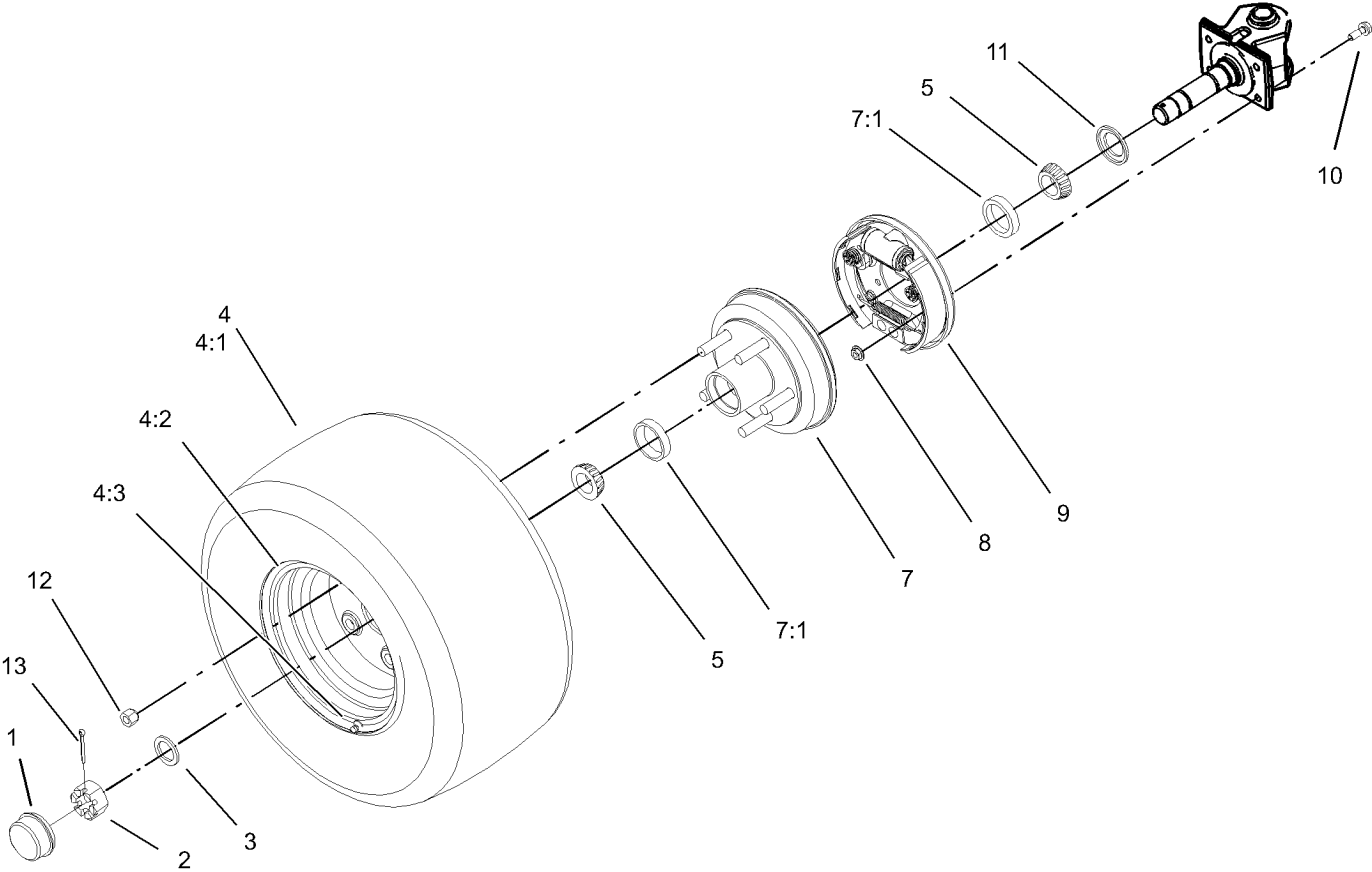
Shifter Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	42617	1	Cable-Ground	29	87-3660	1	Spring-Compression
2	32144-41	1	Screw-Tapite	30	100-6754	1	Spring-Compression
3	3255-8	1	Washer-Lock	31	32121-7	1	Pin-Roll, Slotted
4	3296-29	1	Nut-Lock, NI	32	100-6741	1	Solenoid
6	87-4960	1	Clamp-Cable	33	100-6746	1	Pin-Limiter, Shift
7	65-5220	3	Screw-HSH, Thread Forming	34	83-1890	1	Switch-Ball
11	3220-1	4	Nut-Jam	35	3220-11	1	Nut-Jam
12	87-2310	2	Clevis-Cable	36	3296-2	6	Nut-Lock
13	3272-6	2	Pin-Cotter	40	322-12	1	Screw-HH
14	283-62	2	Pin-Clevis	41	356303	1	Washer
15	87-6720	1	Knob-Shift	42	100-6747	1	Solenoid Mount ASM
16	3218-18	1	Nut-Jam	43	87-3520	1	Clevis
17	87-3760-03	1	Plate-Boot, Shift	44	3290-507	1	Pin-Dowel
18	3250-13	6	Screw-PPH	45	100-6751	1	Harness-Limiter, Shift
19	87-8620	1	Shift Boot ASM	46	100-7072	1	Protector-Wire
20	87-2040	1	Shift Lever ASM				
21	87-3650	1	Pin-Shift				
22	87-2900	1	Spring-Compression				
23	100-8359	2	Cable-Shift				
24	87-3540	2	Link-Shift				
25	100-6749	1	Shifter Bracket ASM				
26	32121-48	1	Pin-Spring				
27	87-2520	1	Tube-Pivot				
28	87-3530	1	Button-Shifter				



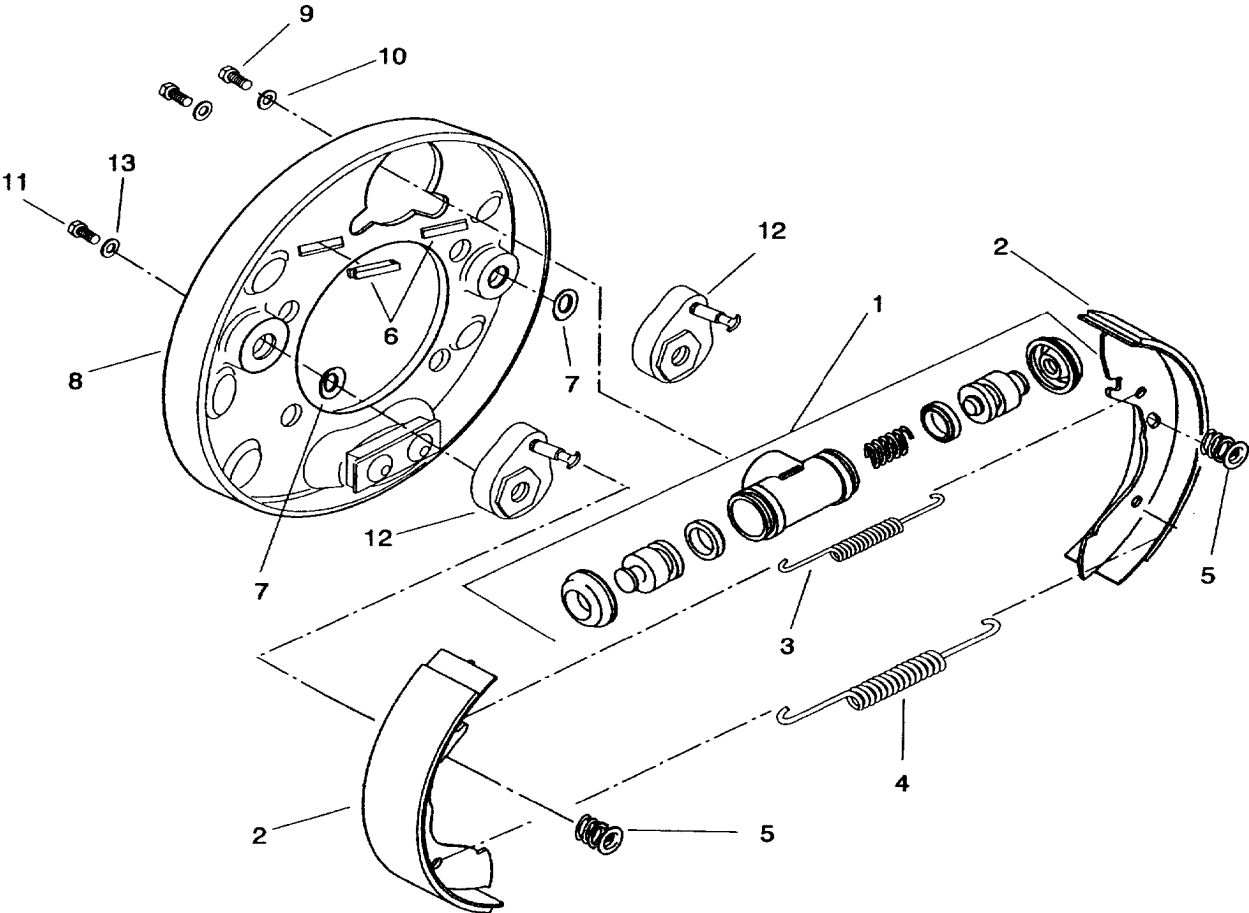
Parking Brake and Console Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	87-8240	1	Cable-Brake	20	99-7420	5	Plug-Hole
2	32120-47	2	Ring-Retaining, External	21	100-8505	1	Spray Control Panel ASM
3	100-8261	1	Cable-Park Brake, RH	21:2	100-8489	1	Decal-Control, Spray
4	87-3480	1	Bracket-Equalizer, Cable	22	41697	1	Choke-Control
5	3256-23	1	Washer-Flat	23	100-8385-03	1	Bracket-Speed, Throttle
6	42610	1	Voltmeter	24	32144-10	4	Screw-HWH
7	83-0020	1	Switch-Ignition	25	32128-21	2	Nut-HF
7:1	218-461	1	Nut-HH	26	2412-81	2	Clamp-R
7:2	3254-5	1	Washer-Tooth	27	94-3829	1	Pin-Clevis
8	106-4859-03	1	Bracket-Seatbox	28	3272-6	1	Pin-Cotter
9	100-8452	1	Vehicle Control Panel ASM	29	100-1535	1	Switch
9:2	100-8470	1	Decal-Controls	30	100-8490	3	Switch-Dpdt
10	100-8469	1	Switch-Rocker	31	94-5245	1	Switch-Key
11	104-9007	2	Switch-Rocker	32	100-8384	1	Throttle Speed Control ASM
12	66-2950	1	Gauge-Hourmeter	33	63-8360	1	Key-Ignition
12:1	3255-20	2	Washer-Lock	34	32149-9	2	Nut-Keps
12:2	3217-25	2	Nut-Hex				
13	3250-25	10	Screw-PPH				
14	3234-11	2	Screw-HHF				
15	3296-42	1	Nut-Lock, NI				
16	87-2710	1	Lever-Brake				
17	87-4710	1	Spacer-Brake, Parking				
18	3290-477	1	Washer-Curved				
19	321-9	1	Screw-HH				



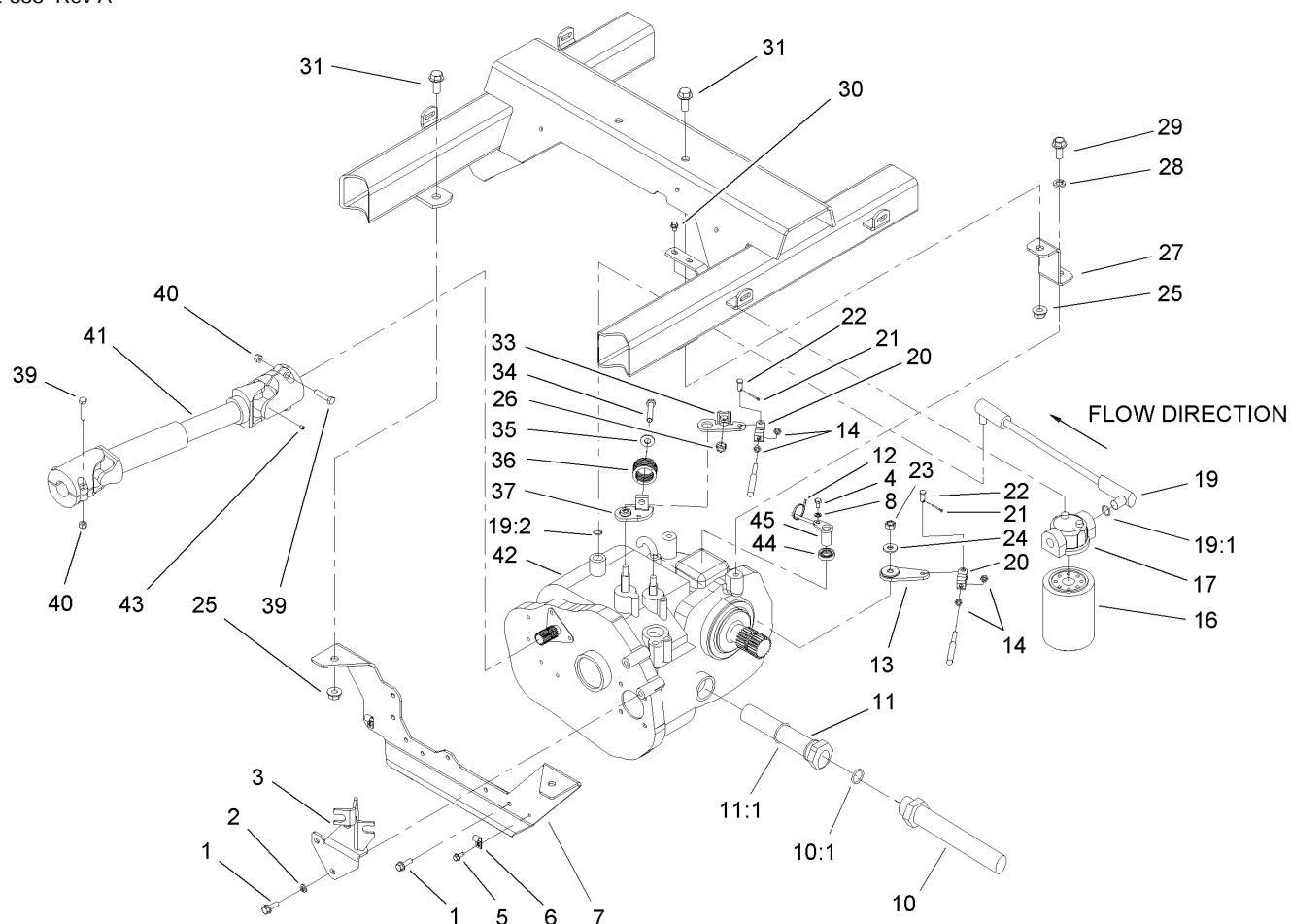
Front Wheel Assembly

Ref	Part No.	Qty.	Description				
1	241-119	2	Cap-Dust				
2	1-809082	2	Nut-SHH				
3	27-1850	2	Washer-Pivot				
4	93-6487	2	Front Tire And Wheel ASM				
4:1	93-6486	1	Tire				
4:2	241-121	1	Wheel ASM				
4:3	232-27	1	Stem-Valve				
5	254-92	4	Cone-Bearing, Outer				
7	100-8287	2	Hub/Drum-Front				
7:1	254-72	2	Bearing-Cup, Tapered				
8	107-0380	8	Nut-HHF				
9	100-8285	2	Front Brake ASM				
10	86-8610	8	Screw-HHF				
11	253-129	2	Seal				
12	321077	10	Nut-Wheel				
13	3272-13	2	Pin-Cotter				



Front Brake Assembly No. 100-8285

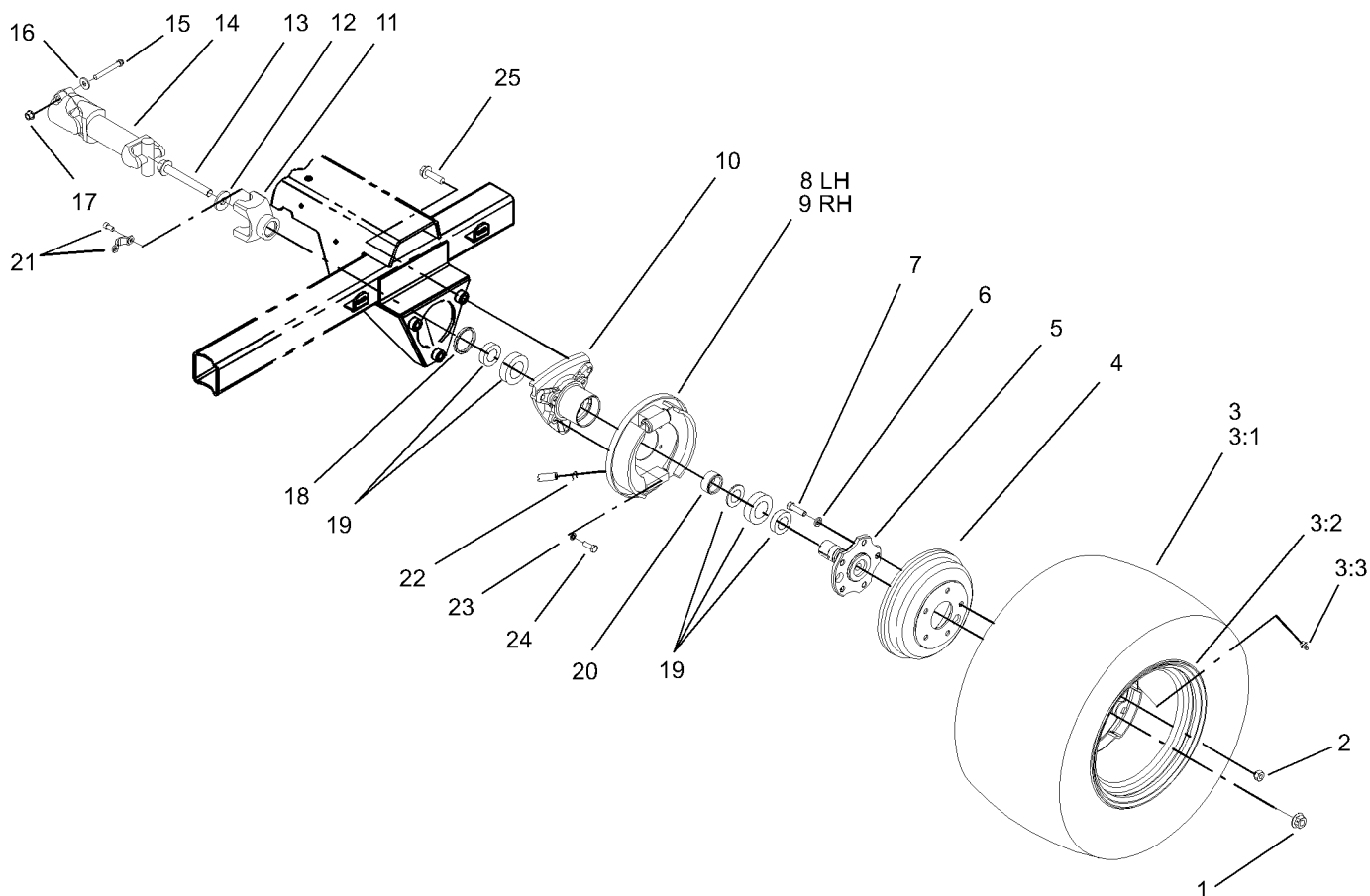
Ref	Part No.	Qty.	Description				
1	100-8580	1	Wheel Cylinder ASM				
2	100-8587	1	Shoe Set				
3	100-8581	1	Spring-Upper				
4	100-8582	1	Spring-Lower				
5	100-8583	2	Shoe Hold Down Spring ASM				
6	100-8584	2	Cover-Dust				
7	100-8585	2	Washer-Bellville				
8	100-8586	1	Backing Plate ASM				
9	33103-012	2	Screw-HHF				
10	3253-3	2	Washer-Lock				
11	329-2	2	Screw-HH				
12	100-8588	2	Adjuster Lever ASM				
13	3256-1	2	Washer-Flat				



Transaxle Installation Assembly

Ref	Part No.	Qty.	Description
1	33104-025	10	Screw-HHF
2	3253-4	10	Washer-Lock
3	107-8749-03	1	Bracket-Cable
4	33113-012	1	Screw-HH
5	32144-10	2	Screw-HWH
6	2412-89	2	Clamp
7	100-8531-03	1	Transaxle-Mount
8	48-8020	1	Washer-Spring
10	100-8250	1	Hose-Suction
10:1	237-81	1	O-Ring
11	87-3990	1	Strainer-Transaxle
11:1	237-123	1	O-Ring
12	3290-379	4	Tie-Cable
13	87-7960	1	Lever-Shift
14	3220-1	4	Nut-Jam
16	54-0110	1	Filter-Oil, Transmission
17	87-8780	1	Head-Filter
19	100-8254	1	Hose-Return, Axle
19:1	237-79	1	O-Ring
19:2	237-42	1	O-Ring
20	87-2310	2	Clevis-Cable
21	3272-6	2	Pin-Cotter
22	283-62	2	Pin-Clevis
23	48-9520	2	Nut

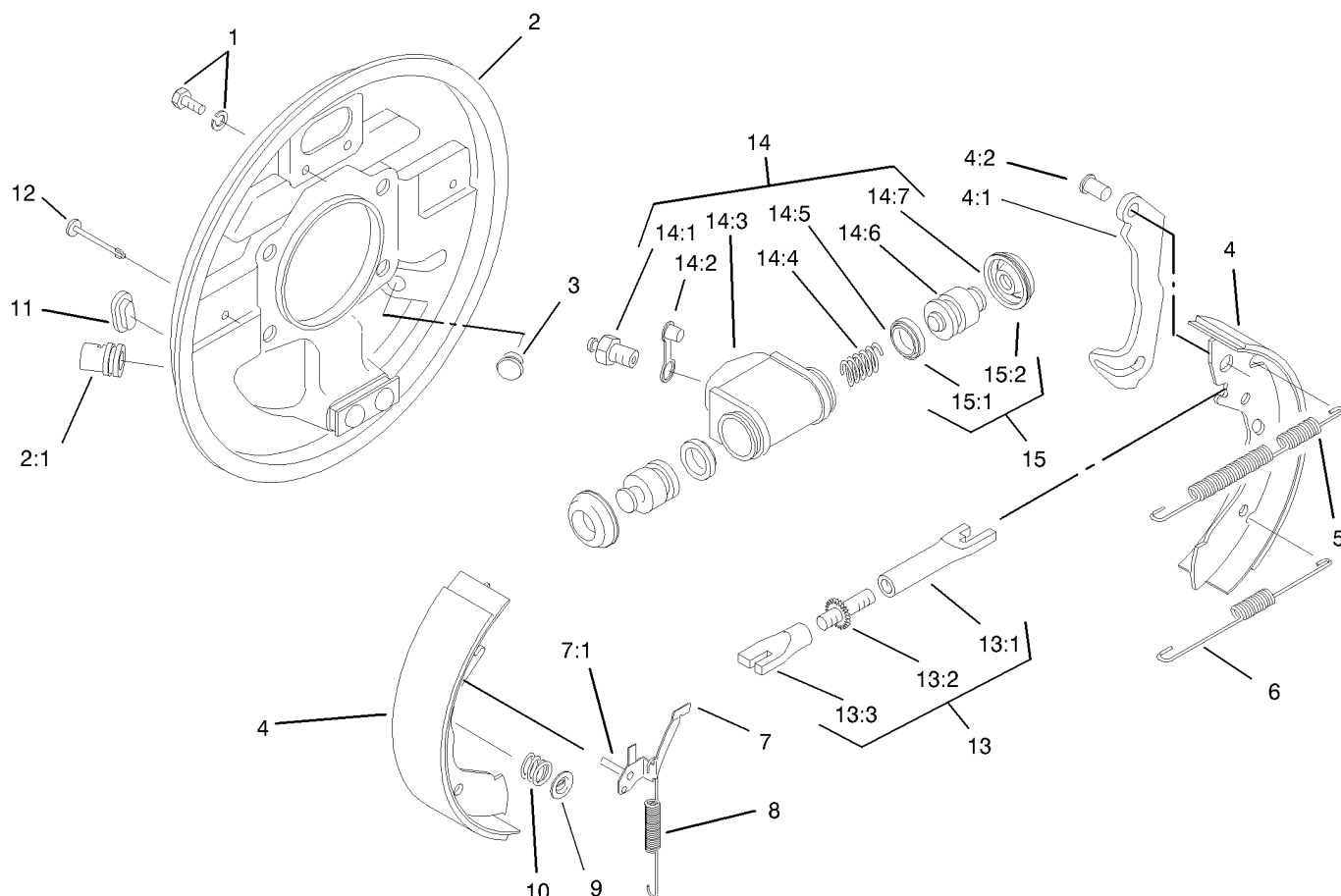
Ref	Part No.	Qty.	Description
24	80-6990	2	Washer-Hardened
25	32128-49	2	Nut-HHF
26	32128-21	1	Nut-HF
27	100-8220-03	2	Strap-Mount, Transaxle
28	3253-7	2	Washer-Lock
29	33106-030	2	Screw-HHF
30	3234-33	2	Screw-HHF
31	3234-32	4	Screw-HHF
33	87-8250	1	Plate-Arm, Shift
34	323-10	1	Screw-HH
35	3256-4	1	Washer-Flat
36	87-6910	1	Spring-Compression
37	87-7970	1	Arm-Shift
39	322-7	4	Screw-HH
40	3296-29	4	Nut-Lock, NI
41	100-8293	1	Shaft-Drive, Input
42	104-9078	1	Transaxle
43	3245-32	1	Screw-HSH
44	92-3735	1	Seal-Oil, Sensor
45	85-4350	1	Sensor-Geartooth



Rear Wheel Assembly

Ref	Part No.	Qty.	Description
1	105-1764	2	Nut-Flange, Side Lock
2	321077	10	Nut-Wheel
3	87-5370	2	Rear Tire And Wheel ASM
3:1	87-6740	1	Tire
3:2	87-6750	1	Wheel
3:3	232-27	1	Stem-Valve
4	93-7128	2	Drum-Brake
5	105-1717-03	2	Axle-Stub
6	3253-6	10	Washer-Lock
7	87-2080	10	Bolt-Hex, TAP
8	93-7126	1	LH Rear Brake ASM
9	93-7125	1	RH Rear Brake ASM
10	87-2240-03	2	Housing-Axle
11	92-4190	2	Yoke
12	104-9216	2	Washer-Hardened
13	105-1763	2	Screw-HHF
14	98-2918	2	Driveshaft ASM
15	98-2939	4	Screw-Cap
16	80-6990	4	Washer-Hardened
17	32128-36	4	Nut-HF
18	87-3590	2	Seal-Bearing
19	87-1970	2	Bearing
20	87-4060	2	Spacer-Bearing, Wheel
21	92-4189	2	Strap Kit

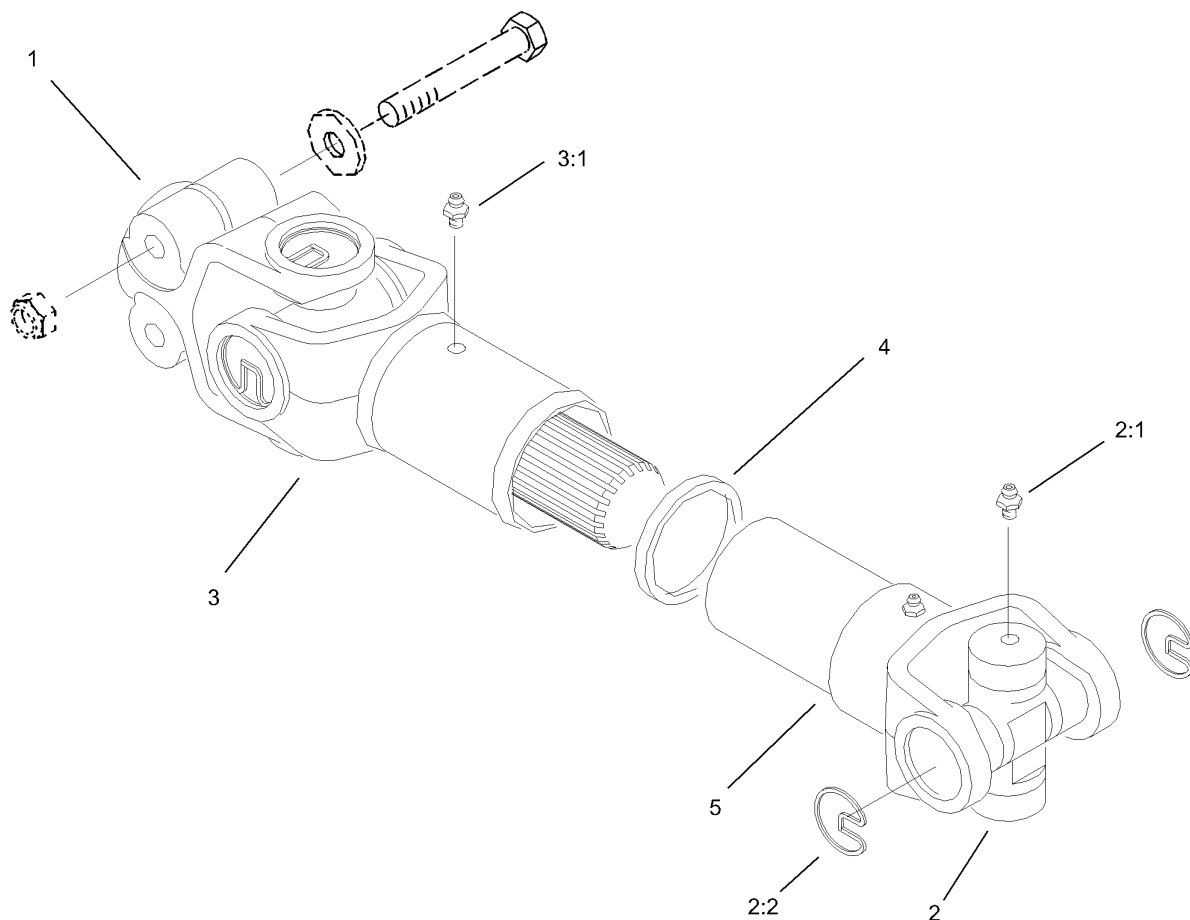
Ref	Part No.	Qty.	Description
22	87-3310	2	Clip-Cable, Brake
23	3253-21	8	Washer-Lock
24	323-6	8	Screw-HH
25	3234-22	6	Screw-HHF



Rear Brake Assembly No. 93-7125 (Right) and 93-7126 (Left)

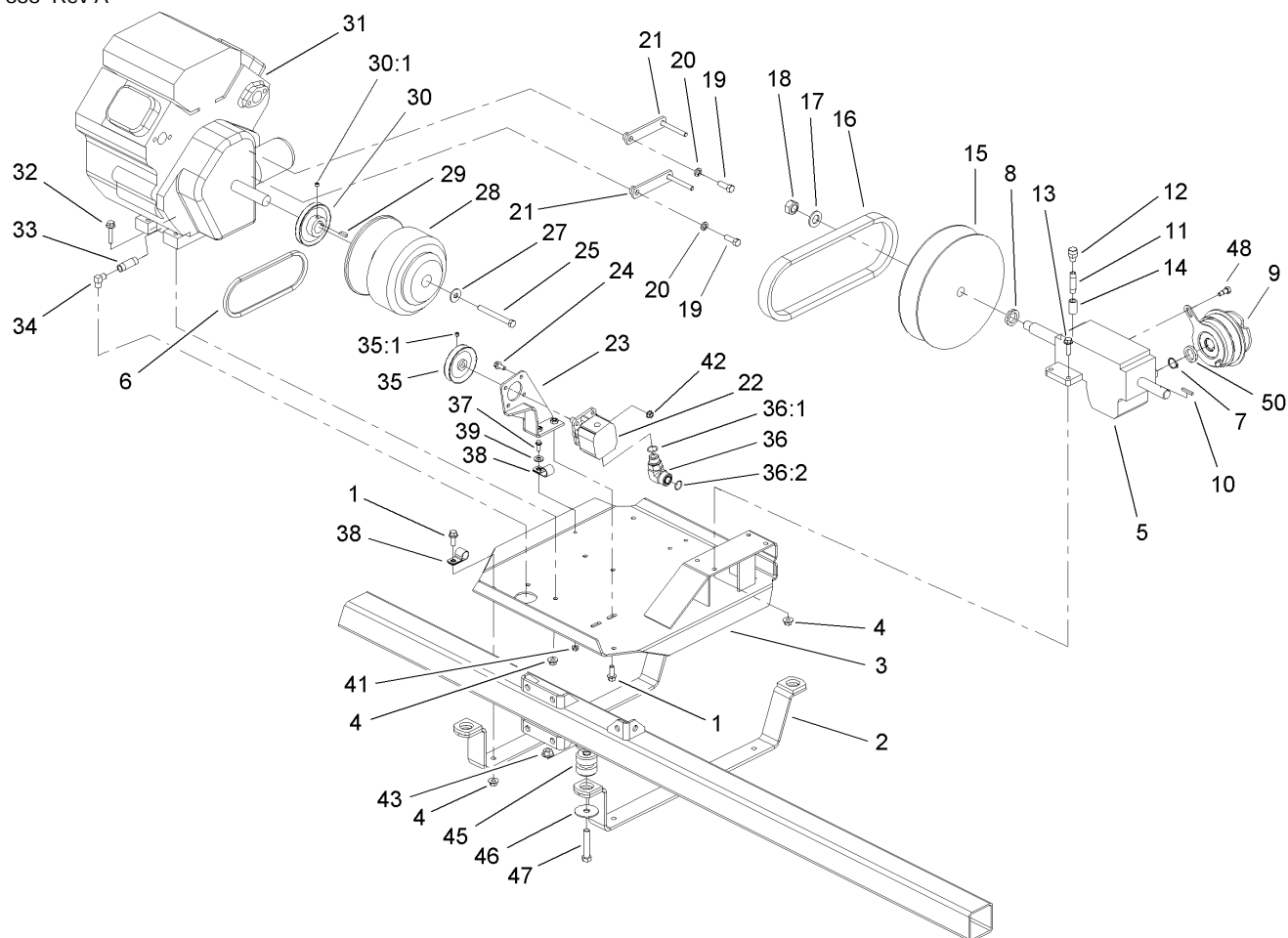
Ref	Part No.	Qty.	Description
1	92-4135	2	Bolt-Set
2	92-4136	1	LH Backplate ASM
2	92-4100	1	RH Backplate ASM
2:1		1	Guide-Pipe
3	92-4146	1	Plunger ASM
4	92-4143	1	Lined Shoe Kit
4:1		1	Lever-Operating
4:2		1	Pin
5	92-4147	1	Spring-Return, Shoe (Upper, LH)
5	92-4148	1	Spring-Return, Shoe (Upper, RH)
6	92-4149	1	Spring-Return, Shoe (Lower)
7	92-4124	1	RH Pawl Lever ASM
7	92-4123	1	LH Pawl Lever ASM
7:1		1	Pin-Pawl
8	92-4150	1	Spring-Adjuster, LH
8	92-4151	1	Spring-Adjuster, RH
9	92-4131	2	Washer-Hold Down, Shoe
10	92-4152	2	Spring-Hold Down, Shoe
11	92-4134	1	Plug-Inspection
12	92-4133	2	Pin-Hold Down, Shoe
13	92-4144	1	LH Adjustor ASM
13	92-4145	1	RH Adjustor ASM
13:1		1	Pushrod-Female
13:2		1	Bolt-Adjuster

Ref	Part No.	Qty.	Description
13:3		1	Sleeve-Adjuster
14	92-4141	1	RH Wheel Cylinder ASM
14	92-4140	1	LH Wheel Cylinder ASM
14:1	92-4137	1	Screw-Bleed
14:2	92-4114	1	Cap-Screw, Bleed
14:3		1	Body
14:4		1	Spring
14:5		2	Seal-L Type
14:6		2	Piston
14:7		2	Cover-Dust
15	92-4142	1	Seal Kit
15:1		2	Seal-L Type
15:2		2	Cover-Dust



Driveshaft Assembly No. 98-2918

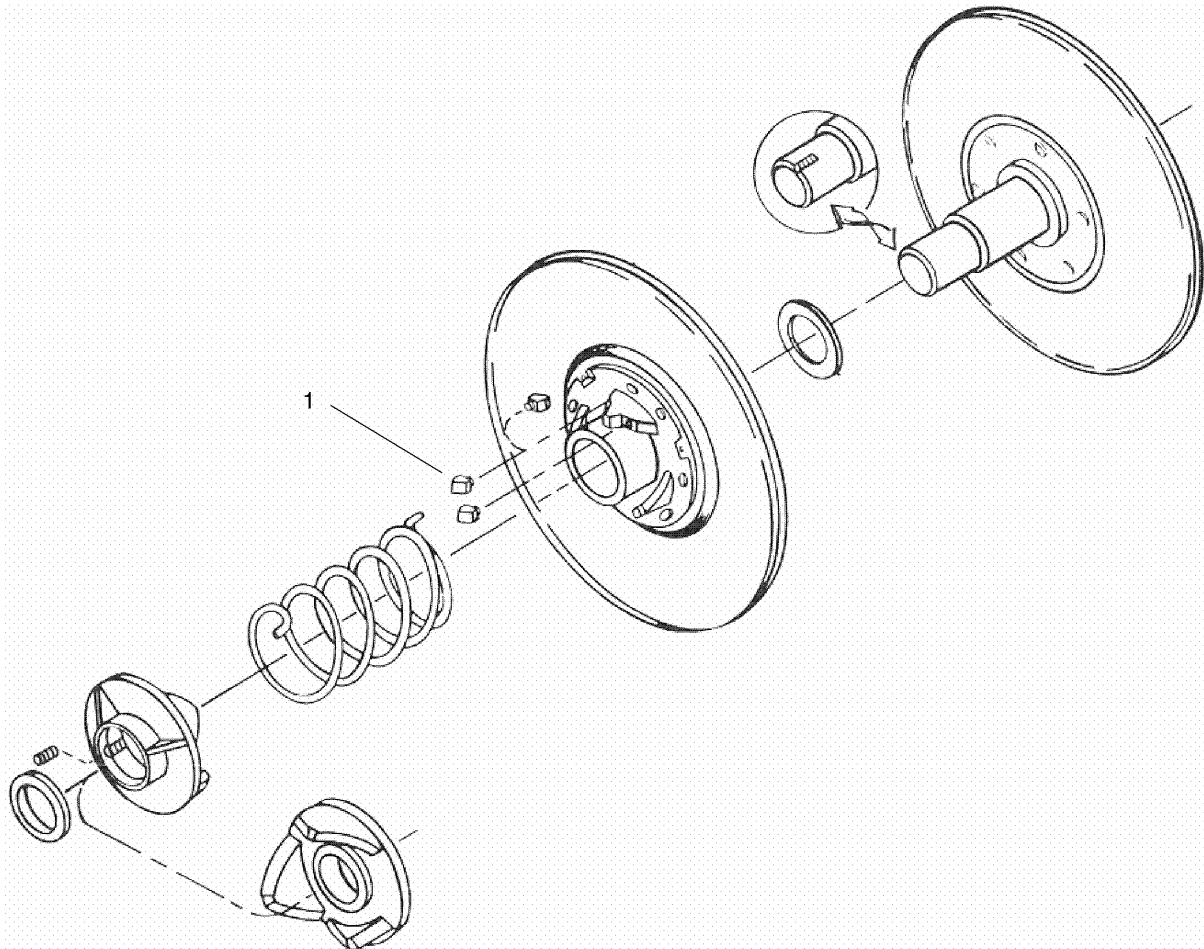
Ref	Part No.	Qty.	Description
1	98-2940	1	Yoke
2	92-4187	2	Cross And Bearing Kit
2:1	302-58	2	Fitting-Straight
2:2	92-4188	2	Ring-Snap
3	92-4179	1	Yoke-Tube, Shaft And Seal
3:1	302-5	1	Fitting-Grease
4	92-4180	1	Seal
5	92-4182	1	Yoke And Hub



Engine and Gearbox Assembly

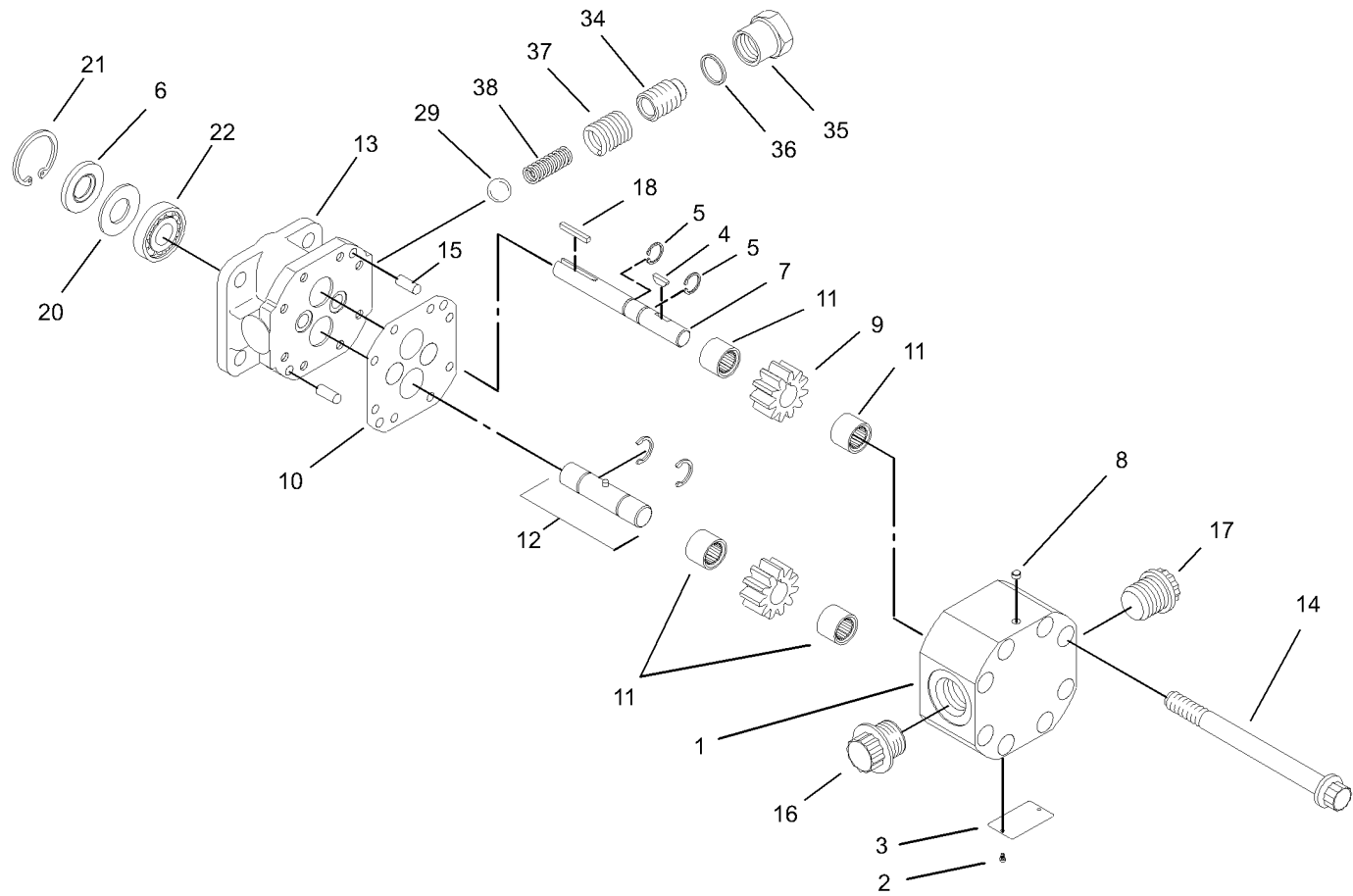
Ref	Part No.	Qty.	Description
1	3234-11	6	Screw-HHF
2	100-8377-03	2	Strap-Support, Engine
3	100-8357-03	1	Plate-Mounting, Engine
4	32128-43	12	Nut-Flange
5	108-3303	1	Gearbox-Pump, Drive
6	100-8372	1	Belt-Steering
7	108-3302	1	Ring-Snap
8	100-8390	1	Spacer
9	100-8290	1	Clutch-Electric, Pump (Drive)
10	92-0049	1	Key-Square
11	106-4869	1	Pipe-Coupling
12	100-6931	1	Breather
13	3234-24	4	Screw-HHF
14	104-8766	1	Nipple
15	100-8289	1	Drive Pulley ASM
16	99-0735	1	Belt-Cvt
17	3256-28	1	Washer-Flat
18	100-8486	1	Nut-Locking, LH
19	324-5	2	Screw-HH
20	3253-6	2	Washer-Lock
21	100-8373	2	Belt Guide ASM
22	100-8302	1	Pump-Steering
23	100-8368-03	1	Bracket-Pump, Steering
24	322-4	4	Screw-HH

Ref	Part No.	Qty.	Description
25	3212-16	1	Screw-HH
27	710128	1	Washer
28	100-8288	1	Clutch-Driver
29	100-8260	1	Key-Shaft
30	92-0488	1	Pulley-Pump
30:1	3246-2	1	Screw-Set, HSH
31	99-0819	1	Engine-Kohler, Ch20S Ps-64647
32	3234-19	4	Screw-HHF
33	92-3647	1	Nipple
34	95023	1	Elbow-90 DEG
35	100-8371	1	Pulley-Pump
35:1	3246-2	2	Screw-Set, HSH
36	340-16	1	Fitting-HYD, 90 DEG
36:1	237-80	1	O-Ring
36:2	237-58	1	O-Ring
37	3234-4	1	Screw-HHF
38	2412-81	3	Clamp-R
39	3256-22	1	Washer-Flat
41	32128-33	1	Nut-HF
42	32128-20	4	Nut-HF
43	32128-49	4	Nut-HHF
45	87-4970	4	Engine Mount ASM
46	41985	4	Washer-Special
47	325-11	4	Screw-HH



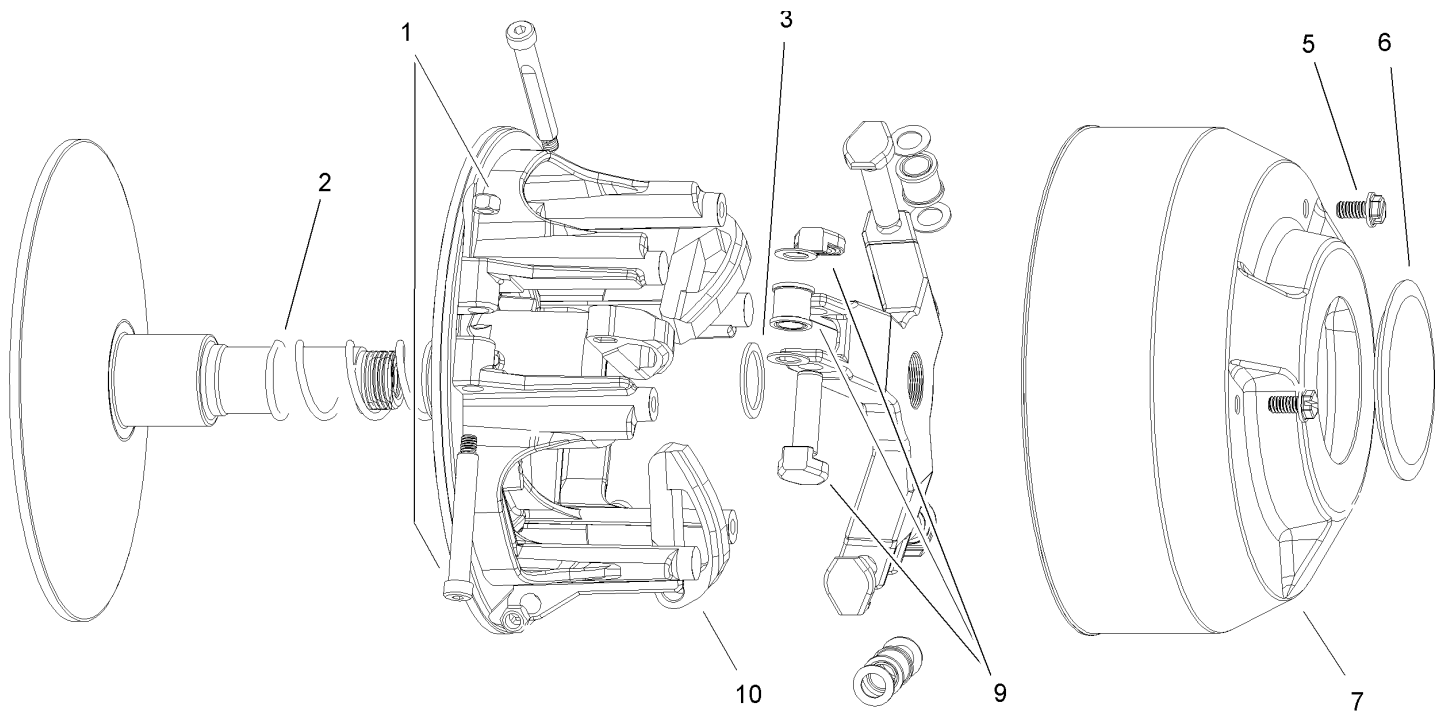
Drive Pulley Assembly No. 100-8289

Ref	Part No.	Qty.	Description
1	104-1683	6	Button



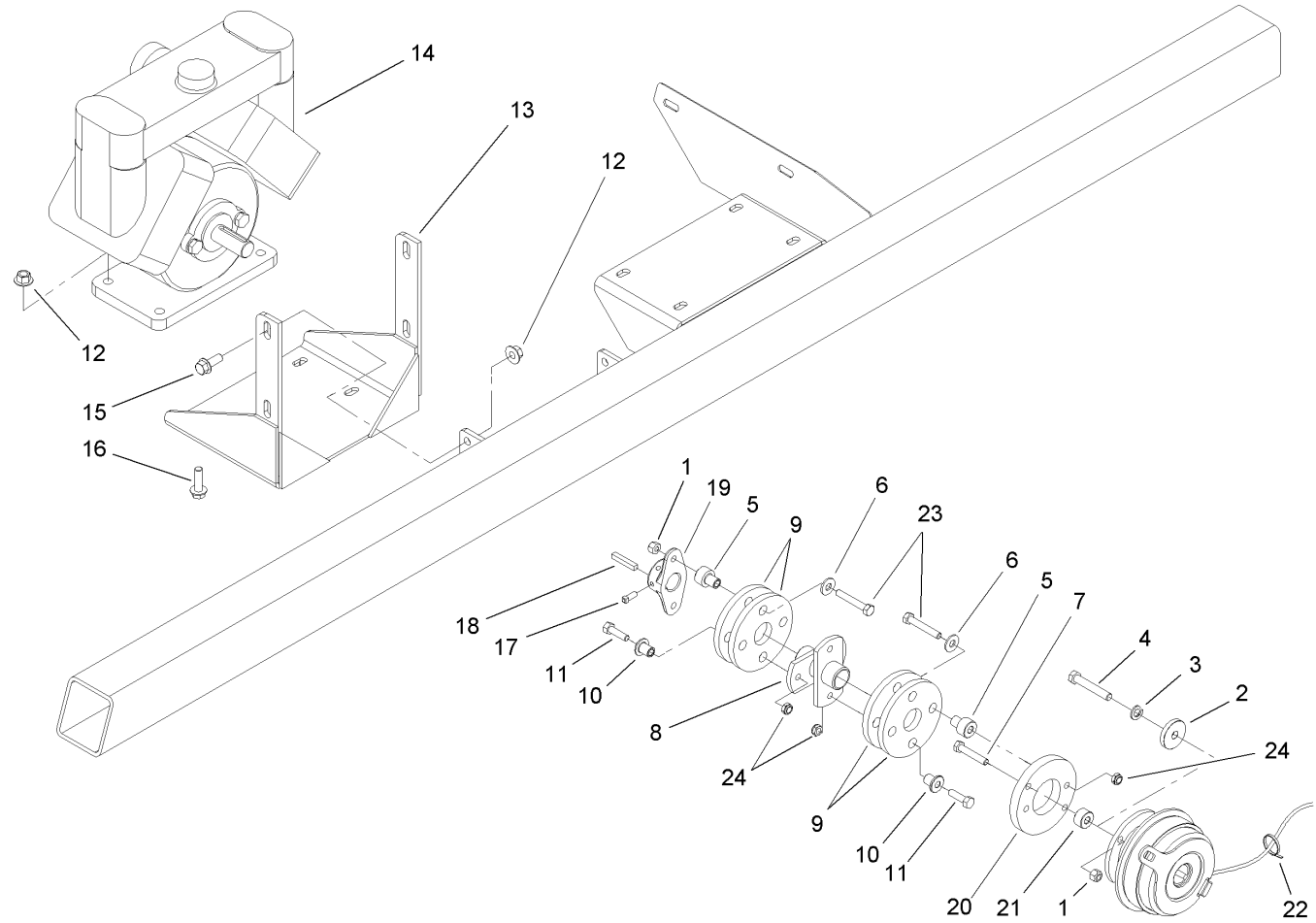
Steering Pump Assembly No. 100-8302

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1		1	Housing	36	92-2180	1	Gasket-Copper
2		2	Screw	37	92-3870	1	Spring
3		1	Plate-Name	38	92-3871	1	Spring
4	100-8270	1	Key				
5	106-6851	2	Ring-Retaining				
6	100-8275	1	Seal				
7	106-6852	1	Shaft-Drive				
8	100-8269	1	Plug-Beta				
9	106-6853	1	Gear				
10	106-6854	1	Gasket Kit				
11	106-6855	4	Bearing-Needle				
12	106-6856	1	Shaft-Idler				
13		1	Stator				
14	100-8268	8	Screw				
15	100-8265	2	Pin-Shear				
16		1	Plug				
17		1	Plug				
18	92-3876	1	Key-Shaft				
20	92-2186	1	Spacer				
21	106-6857	1	Ring-Retaining				
22	92-2191	1	Bearing-Ball				
29	100-8273	1	Ball-Steel				
34	100-8272	1	Screw				
35	92-2184	1	Cap-Hex, Relief Valve				



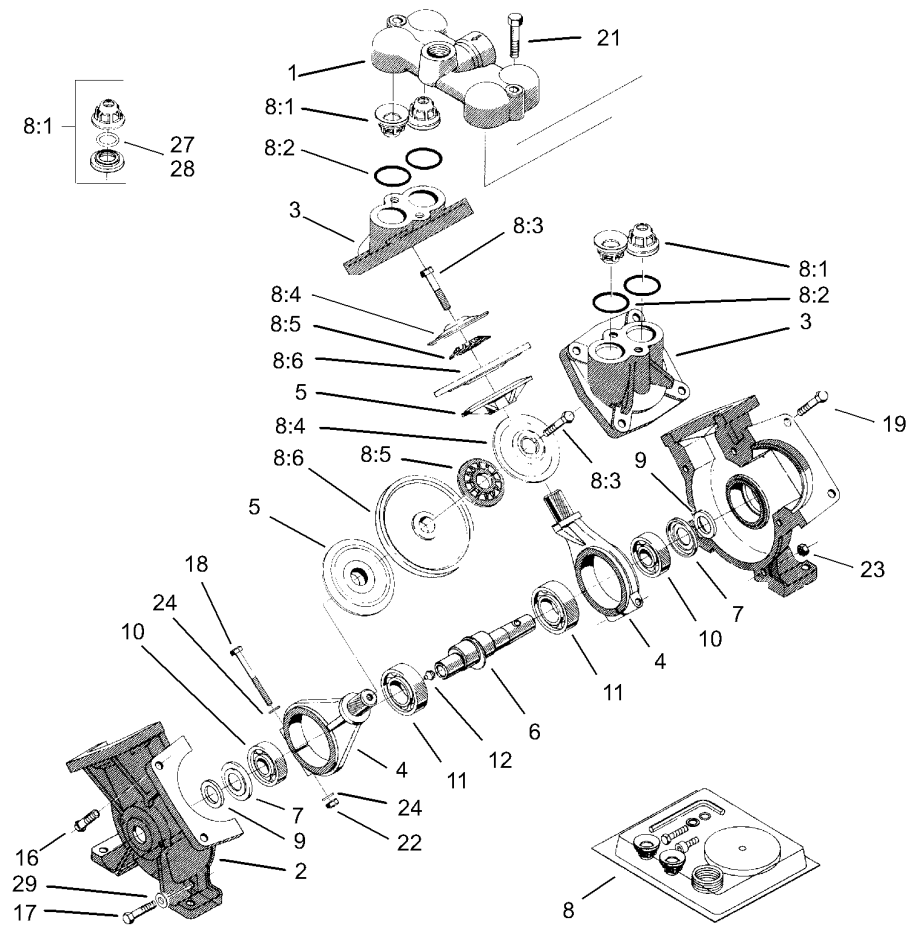
Driver Clutch Assembly No. 100-8288

Ref	Part No.	Qty.	Description				
1	104-4256	1	Pivot Bolt And Nut Kit				
2	100-6921	1	Spring-White				
3	104-1687	1	Spacer				
5	3234-26	3	Screw				
6	104-1690	1	Cap				
7	104-1691	1	Cover				
9	104-1697	1	Spider Roller Kit				
10	100-6922	1	Arm-Cam				



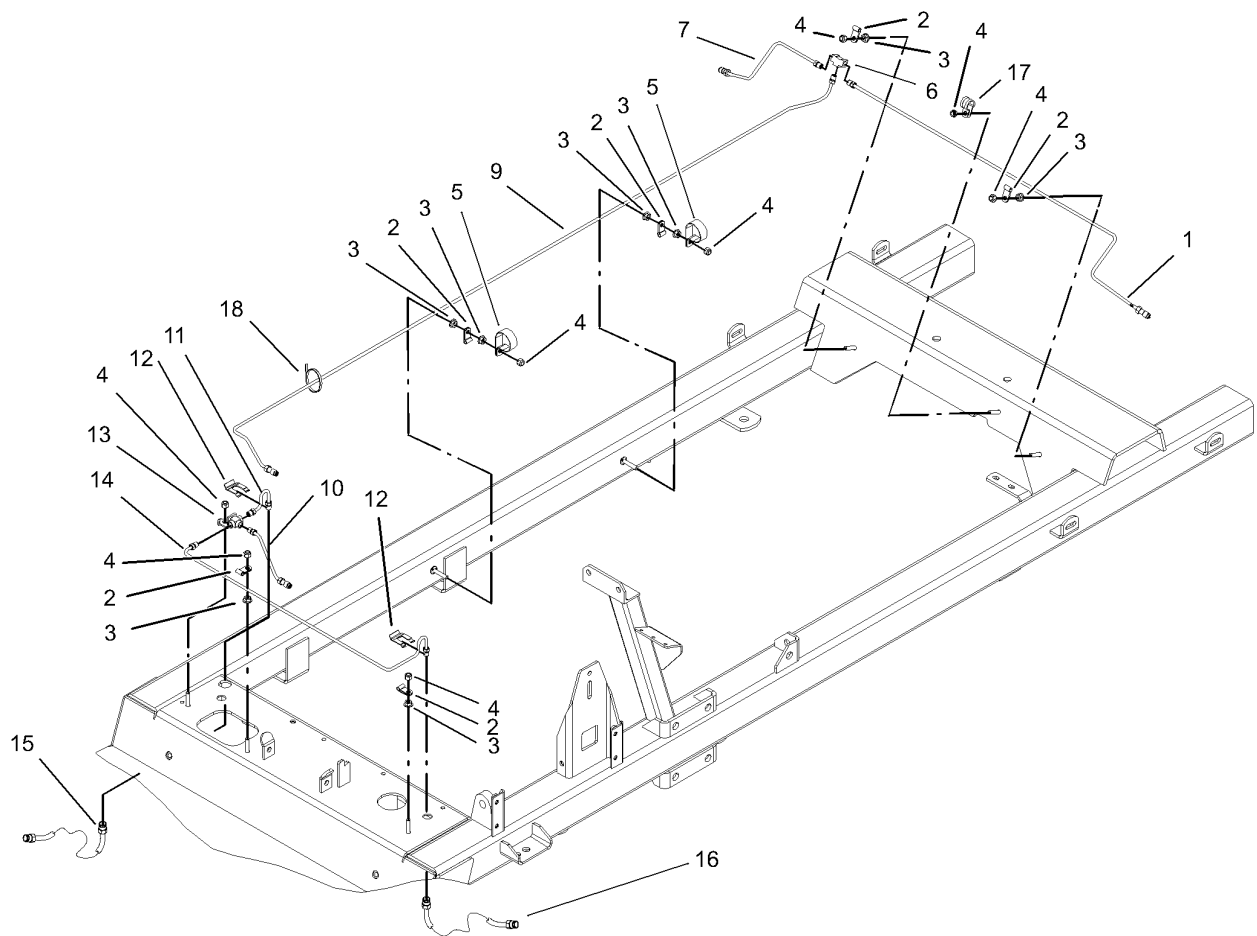
Pump Assembly

Ref	Part No.	Qty.	Description				
1	3296-29	4	Nut-Lock, NI				
2	100-8391	1	Retainer-Clutch, Electric				
3	3253-5	1	Washer-Lock				
4	3211-10	1	Screw-HH				
5	71-4410	4	Spacer				
6	3256-3	4	Washer-Flat				
7	322-9	2	Screw-HH				
8	107-8750-03	1	Drive-Coupler				
9	44-2230	4	Coupling-Rubber				
10	71-4411	4	Spacer				
11	322-16	4	Screw-HH				
12	32128-43	8	Nut-Flange				
13	100-8477-03	1	Pump Mounting Bracket ASM				
14	106-5121	1	Pump				
15	3234-11	4	Screw-HHF				
16	3234-24	4	Screw-HHF				
17	3241-5	2	Screw-Set				
18	67-7490	1	Key-Square				
19	93-2589	1	Hub-Pump				
20	100-8435	1	Adapter-Clutch				
21	104-8763	2	Spacer				
22	3290-379	4	Tie-Cable				
23	322-10	4	Screw-HH				
24	99-6007	6	Nut-Lock, NI				



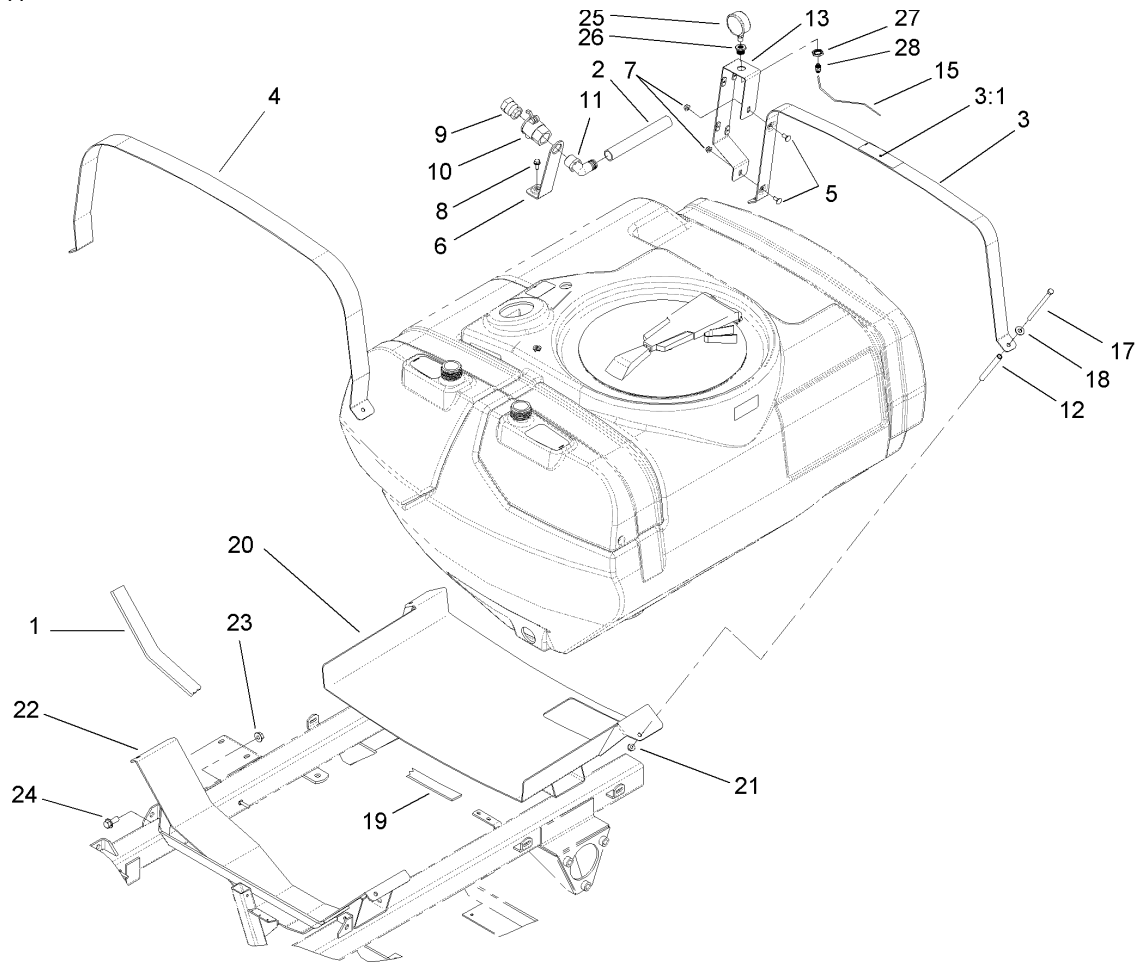
Pump Assembly No. 106-5121

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	106-5139	1	Cover-Valve	23	106-5149	5	Nut
2	106-5140	2	Housing-Pump	24	100-8316	4	Washer-Lock
3	106-5141	2	Cover-Diaphragm	27	100-8336	4	O-Ring
4	106-5142	2	Rod-Connecting	28	106-5138	4	O-Ring
5	100-8314	2	Disc-Back, Diaphragm	29	106-5137	2	Washer
6	104-9052	1	Crankshaft-Keyed				
7	100-8325	2	Plate-Dust				
8	106-5150	1	Repair Kit				
8:1	100-8307	4	Valve				
8:2	100-6652	4	Gasket				
8:3	106-5147	2	Bolt				
8:4	100-8311	2	Washer				
8:5	100-8312	2	Washer-Nylon				
8:6	100-8313	2	Diaphragm				
9	99-0868	2	Felt-Seal				
10	100-8327	2	Bearing-Ball				
11	100-8329	2	Bearing-Ball				
12	99-0873	1	Fitting-Grease				
16	106-5143	3	Bolt				
17	106-5144	2	Bolt				
18	106-5145	2	Bolt				
19	106-5146	8	Bolt				
21	106-5148	2	Bolt				
22	100-8326	2	Nut-Hex				



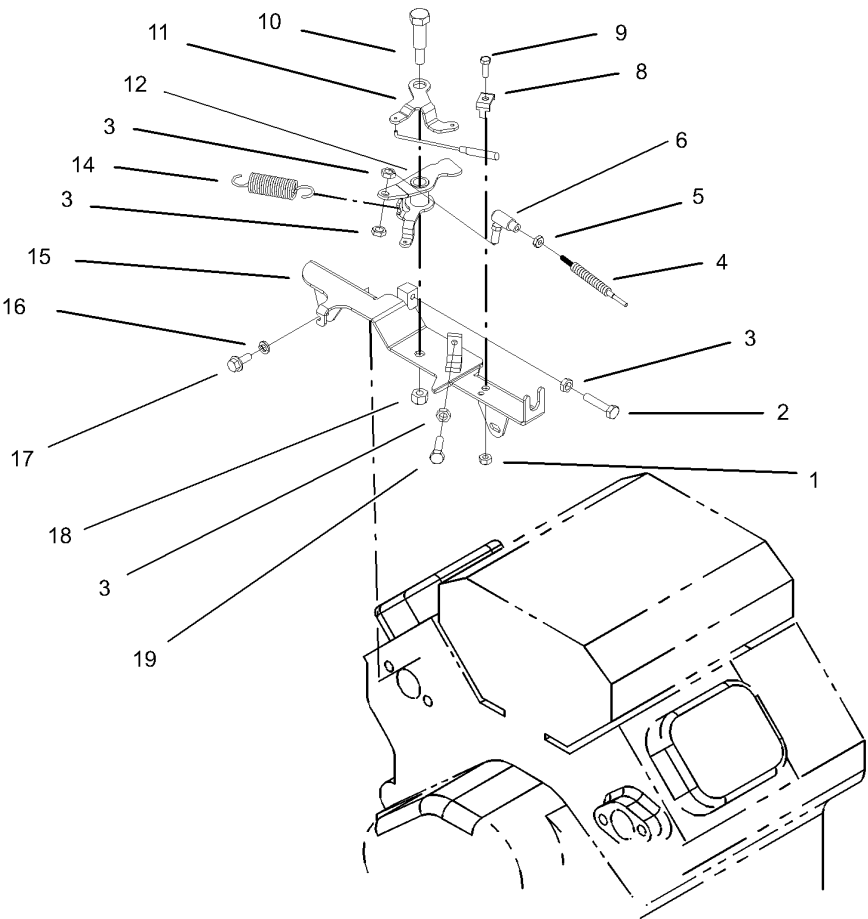
Hydraulic Brake Line Assembly

Ref	Part No.	Qty.	Description				
1	100-8511	1	Tube-Brake, Rear (LH)				
2	2412-149	6	Clamp-Hose				
3	32128-33	8	Nut-HF				
4	3296-42	8	Nut-Lock, NI				
5	2412-74	2	R-Clamp				
6	98346	1	Fitting-Tee				
7	100-8510	1	Tube-Brake, Rear (RH)				
9	100-8509	1	Brake Tube ASM				
10	100-8506	1	Brake Tube ASM				
11	100-8508	1	Tube-Brake, Front (RH)				
12	87-3580	2	Clip-Retainer				
13	87-3560	1	Tee				
14	100-8507	1	Tube-Brake, Front (LH)				
15	100-8420	1	Hose-Brake, Front				
16	100-8467	1	Hose-Brake, Front (LH)				
17	2412-134	1	R-Clamp				
18	3290-379	6	Tie-Cable				



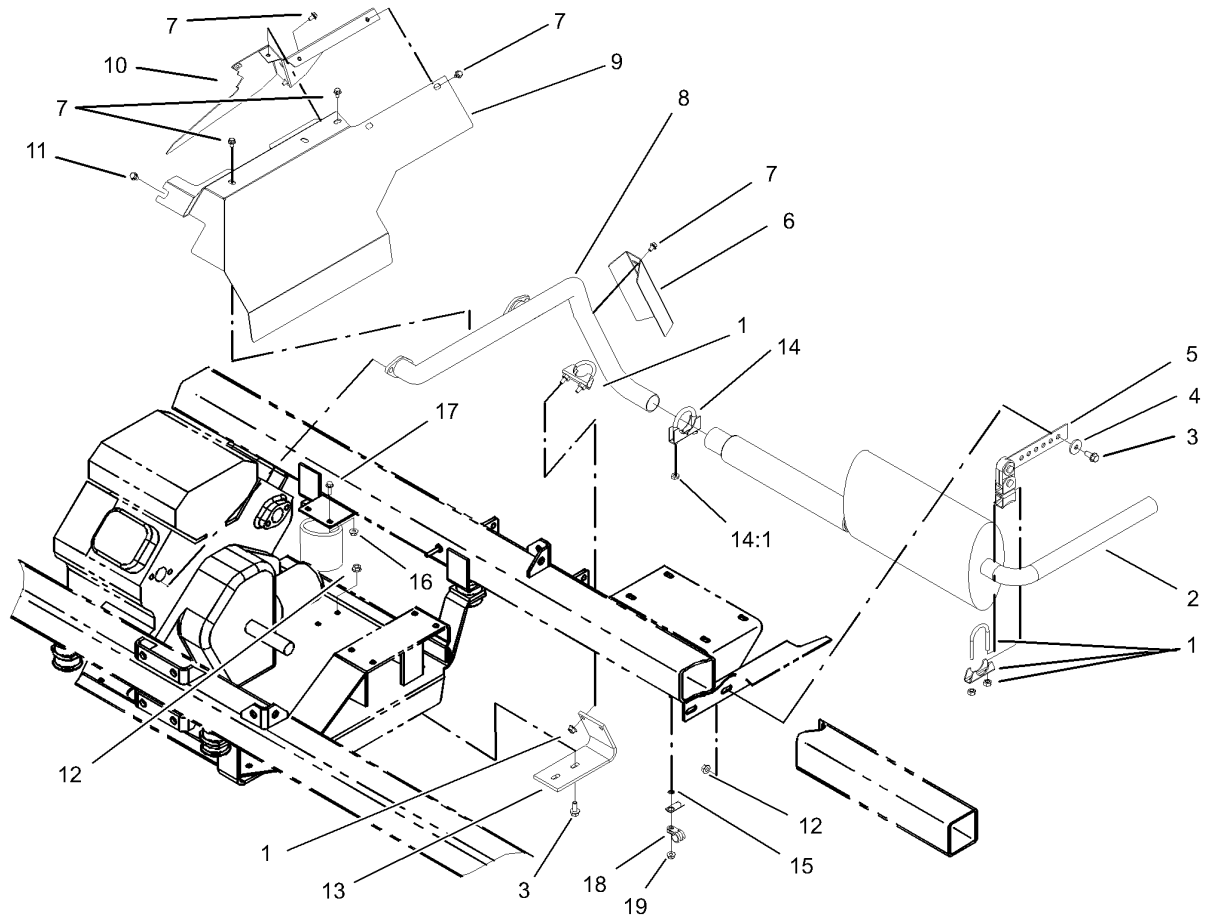
Tank and Saddle Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	100-8573	2	Foam-Saddle, Front	26	100-8665	1	Reducer-Gauge, Pressure
2	104-9075	1	Hose-Siphon, Anti	27	100-8666	1	Nut-Reducer
3	106-5048	1	Tank Band ASM	28	100-8667	1	Coupler-Reducer
3:1	106-5016	1	Decal-Caution, Electric Shock				
4	106-5063-03	1	Band-Tank, Front				
5	3230-1	2	Bolt-CARR				
6	100-6778-03	1	Bracket-Siphon, Anti				
7	32128-20	2	Nut-HF				
8	3234-5	1	Screw-HHF				
9	41316	1	Adapter-Quick				
10	100-6779	1	Coupling-Female				
11	41140	1	Elbow				
12	99-7375	1	Hose-Breather				
13	106-5176-03	1	Tee-Bracket, Mounting				
15	104-8989	1	Tubing-Pressure				
17	100-8528	4	Screw-HH				
18	3256-4	4	Washer-Flat				
19	100-8574	3	Foam-Saddle, Right Rear				
20	100-8569-03	1	Rear Saddle ASM				
21	104-8301	4	Nut-Flange, NI				
22	100-8565-03	1	Front Saddle ASM				
23	32128-49	4	Nut-HHF				
24	3234-32	4	Screw-HHF				
25	100-8576	1	Gauge-Pressure				



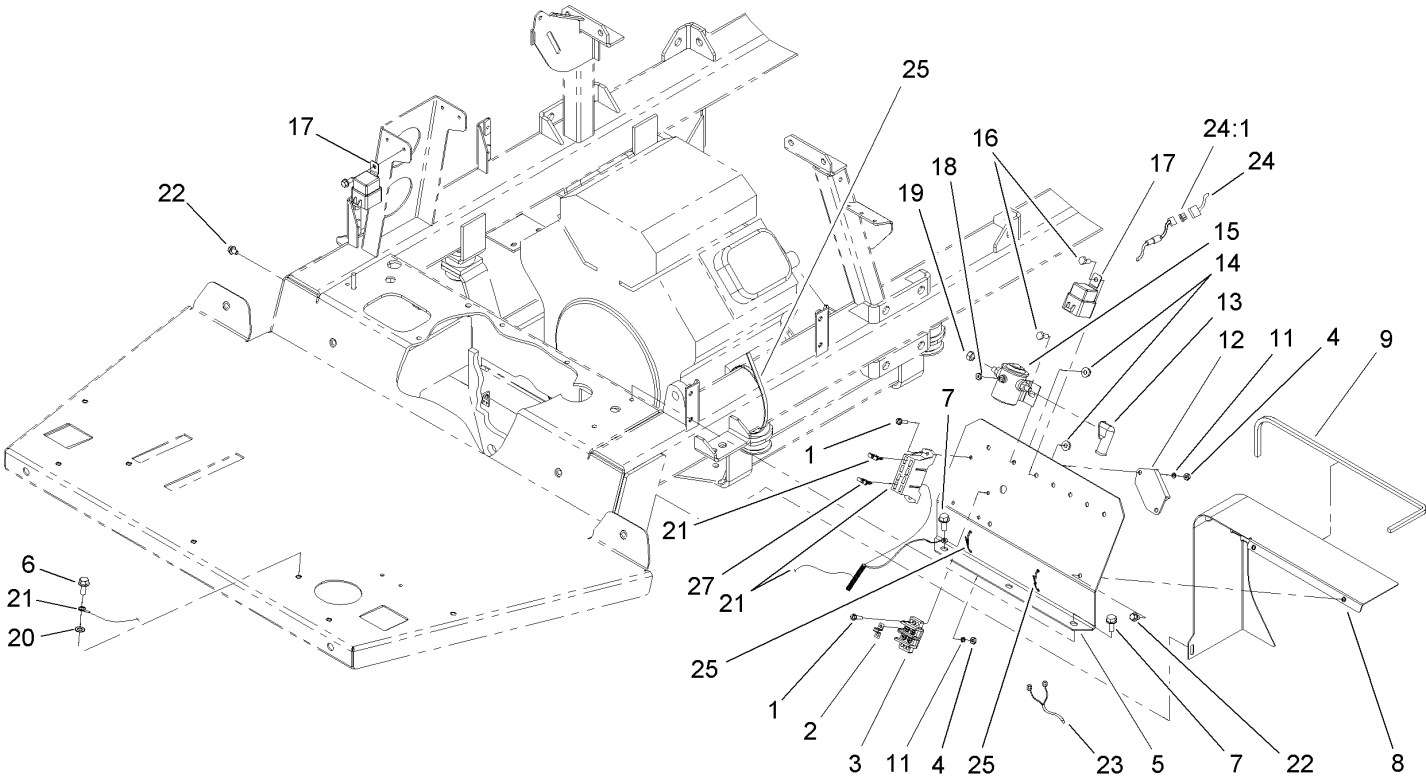
Throttle Linkage Assembly

Ref	Part No.	Qty.	Description				
1	3296-2	1	Nut-Lock				
2	329-7	1	Screw-HH				
3	3220-1	4	Nut-Jam				
4	100-8383	1	Cable-Accelerator				
5	3219-14	1	Nut-Hex				
6	100-8559	1	Ball Joint ASM				
8	92-0477	1	Clamp-Cable				
9	3290-134	1	Screw				
10	7-0030	1	Bolt-Shoulder				
11	87-7790	1	Lever-Choke				
12	100-8558	1	Lever-Throttle				
14	67-1450	1	Spring-Idler				
15	100-8557	1	Lever-Throttle				
16	48-8020	4	Washer-Spring				
17	33103-016	4	Screw-HHF				
18	3296-29	1	Nut-Lock, NI				
19	329-6	1	Screw-HH				



Exhaust Assembly

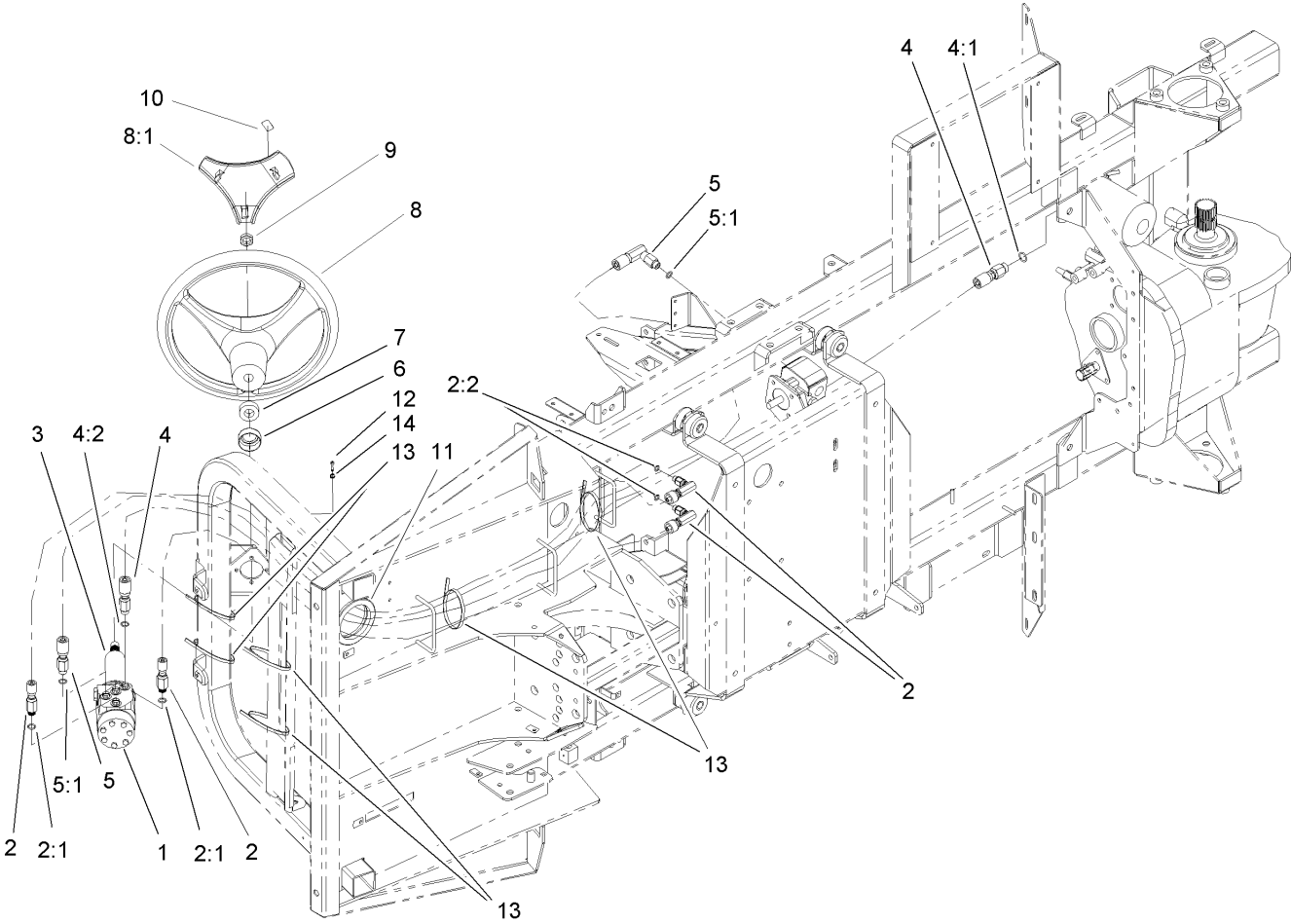
Ref	Part No.	Qty.	Description				
1	2112-11	2	Clamp-Muffler				
2	100-8292	1	Muffler Tailpipe ASM				
3	3234-5	4	Screw-HHF				
4	356303	2	Washer				
5	100-8526	1	Hanger-Muffler				
6	100-8409-03	1	Shield-Exhaust, Lower				
7	3234-26	10	Screw				
8	100-8291	1	Header Pipe ASM				
9	100-7028-03	1	Shield-Heat, Upper				
10	100-7029-03	1	Shield-Heat, Mid				
11	33103-012	1	Screw-HHF				
12	32128-20	4	Nut-HF				
13	100-8527	1	Support-Header				
14	2112-9	1	Clamp				
14:1	32128-20	2	Nut-HF				
15	3255-7	1	Washer-Lock / EXT				
16	32128-33	2	Nut-HF				
17	3234-4	2	Screw-HHF				
18	2412-134	1	R-Clamp				
19	32128-33	1	Nut-HF				



Electrical Panel Assembly

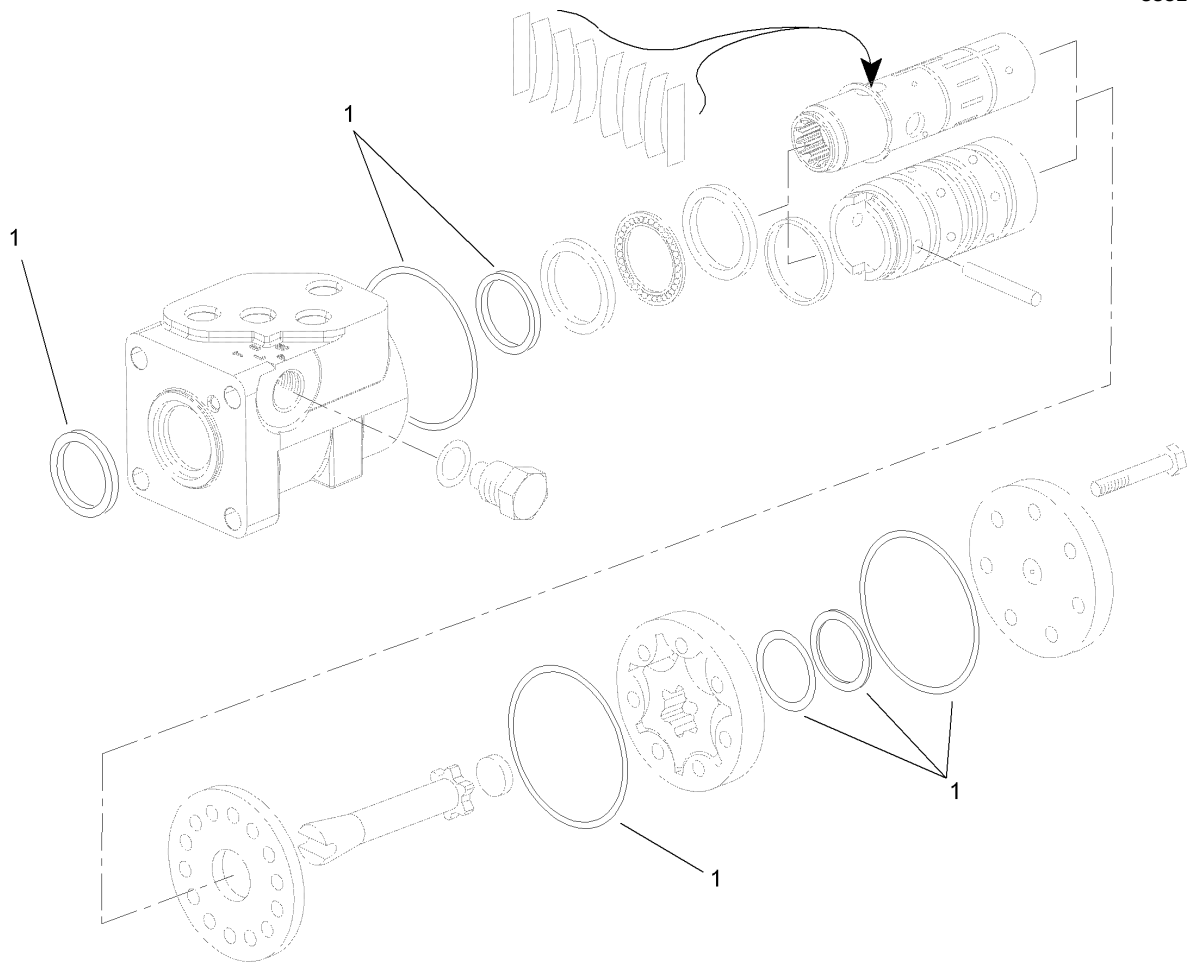
Ref	Part No.	Qty.	Description
1	32105-13	4	Screw-HWH
2	42863	1	Strip-Jumper
3	42862	1	Block-Terminal, Ground
4	3217-26	4	Nut-Hex
5	100-8441-03	1	Panel-Electrical
6	3234-5	1	Screw-HHF
7	32144-70	3	Screw-HWHTF
8	100-7025-03	1	Shield-Heat, Front
9	100-7027	1	Trim
11	3253-17	4	Washer-Lock
12	99-3703	1	Module-Cruise
13	92-0034	3	Boot-Terminal
14	32128-33	7	Nut-HF
15	94-7079	1	Solenoid-Accessory
16	321-3	7	Screw-HH
17	99-7430	6	Relay
18	3219-14	1	Nut-Hex
19	3219-2	2	Nut-Hex
20	3255-8	2	Washer-Lock
21	108-3304	1	Harness-Wire, Vehicle (Main)
22	3234-26	3	Screw
23	107-8646	1	Harness-Spray System
23:1	100-4918	2	Diode
24	107-8602	3	Holder-Fuse

Ref	Part No.	Qty.	Description
24:1	94-6710	1	Fuse-Blade, 2 Amp
25	3290-379	6	Tie-Cable
27	109101	1	Fuse-20 Amp



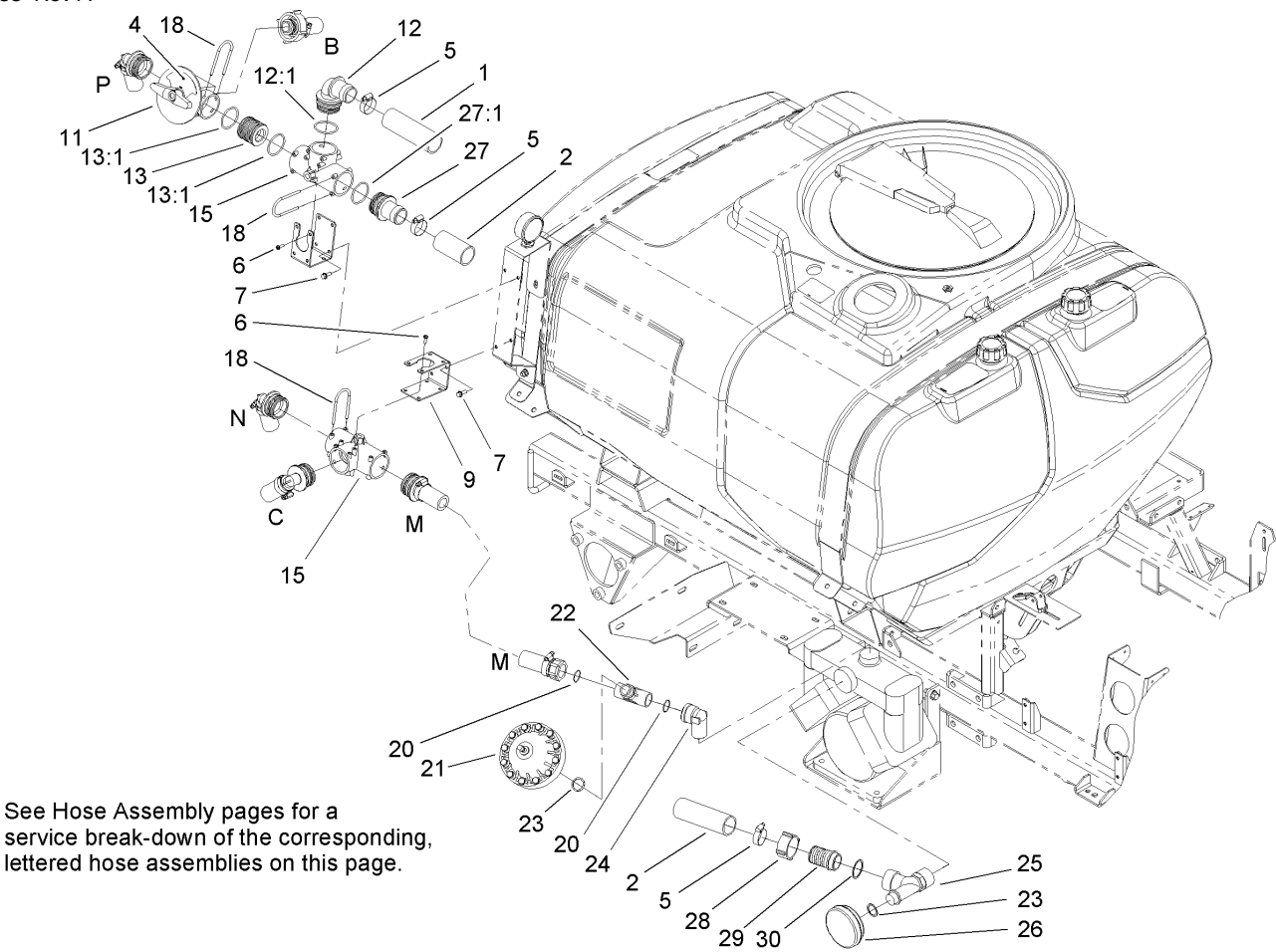
Hydraulic Hose Routing Assembly

Ref	Part No.	Qty.	Description				
1	114-5076	1	Steering Control ASM				
2	100-8252	2	Hose ASM				
2:1	237-78	1	O-Ring				
2:2	237-42	1	O-Ring				
3	94-8792	1	Column-Steering				
4	100-8253	1	Hose ASM				
4:1	237-42	1	O-Ring				
4:2	237-79	1	O-Ring				
5	100-8251	1	Hose ASM				
5:1	237-42	2	O-Ring				
6	93-5439	1	Seal-Steering				
7	21-9260	1	Cover-Dust				
8	98-1471	1	Wheel-Steering				
8:1	98-1468	1	Cover-Wheel, Steering				
9	92-3513	1	Nut				
10	98-1459	1	Decal				
11	237-102	1	Grommet				
12	33113-020	4	Screw-HH				
13	3290-379	14	Tie-Cable				
14	3253-18	4	Washer-Lock				



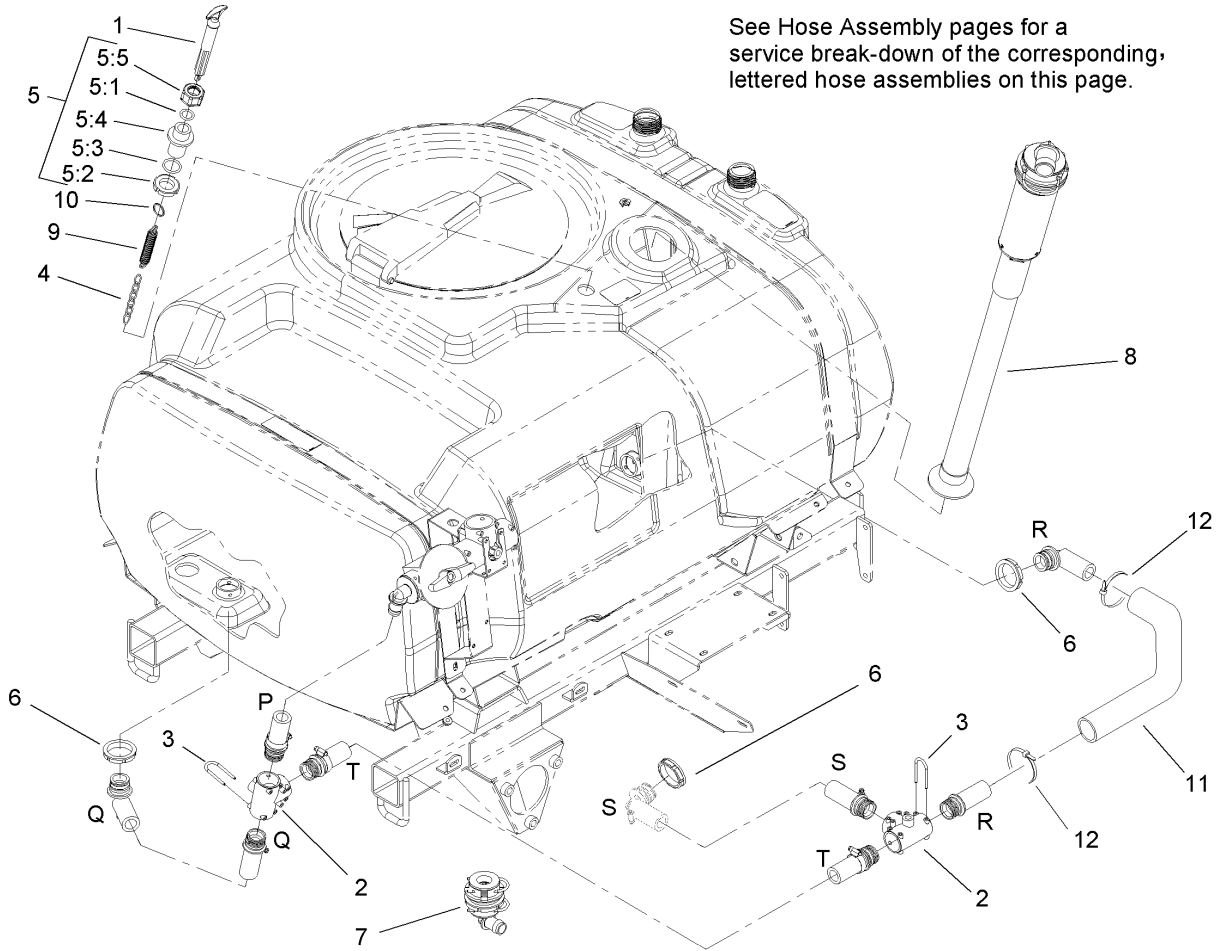
Steering Control Assembly No. 114-5076

Ref	Part No.	Qty.	Description
1	108-1519	1	Seal Kit



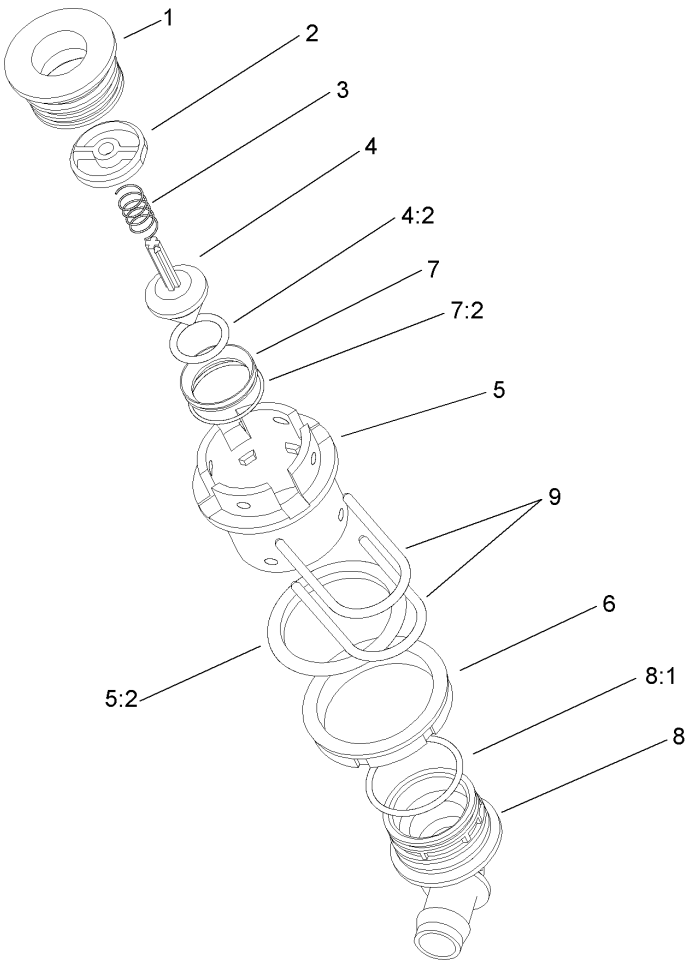
Sprayer Component Assembly No. 1

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	107-8627	1	Hose-Suction	29	100-8679	1	Hosebarb
2	100-8484	1	Hose-Suction	30	100-8680	1	Seal
4	107-8621	1	Decal-Agitation				
5	41327	4	Clamp-Hose				
6	32144-32	8	Screw				
7	3234-4	4	Screw-HHF				
9	100-8478	2	Bracket-Tee				
11	100-8673	1	Agitation Valve ASM				
12	106-4946	1	Hosebarb-90 DEG				
12:1	100-8637	1	O-Ring				
13	106-4947	1	Connector				
13:1	100-8637	2	O-Ring				
15	100-6704	2	Tee				
18	100-8635	8	Fork				
20	100-6655	2	Gasket				
21	100-6662	1	Damper-Pressure				
22	100-8699	1	Tee				
23	100-6656	2	O-Ring				
24	100-8698	1	Elbow				
25	100-8681	1	Tee				
26	100-6660	1	Suction Damper ASM				
27	106-4936	1	Hosebarb				
27:1	100-8637	1	O-Ring				
28	100-8678	1	Nut				



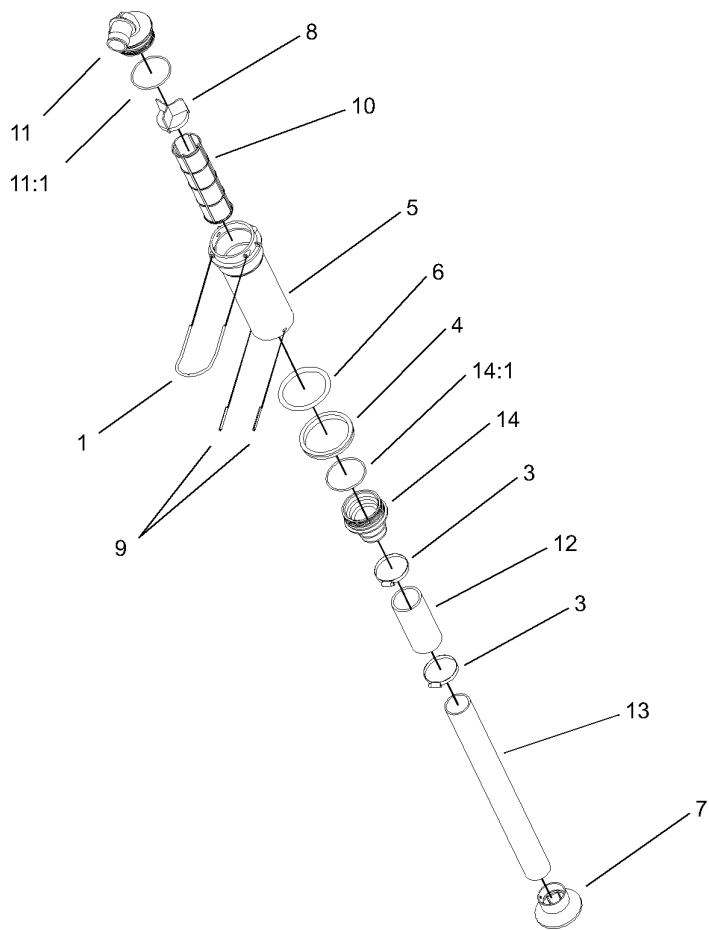
Sprayer Component Assembly No. 2

Ref	Part No.	Qty.	Description				
1	106-1347	1	Handle-Drain				
2	104-9041	2	Tee				
3	100-6708	6	Fork				
4	106-4858	1	32 Inch Chain ASM				
5		1	Upper Tank Drain Bulkhead ASM				
5:1	100-6643	1	O-Ring				
5:2	99-0758	1	Nut				
5:3	100-6658	1	Gasket				
5:4	106-1240	1	Bulkhead				
5:5	106-1241	1	Nut-Special				
6	100-6713	3	Nut-Bulkhead				
7		1	Tank Drain ASM				
8		1	Top Mounted Suction ASM				
9	106-1391	1	Spring-Extension				
10	106-1392	1	Ring-Retaining, Spiral (EXT)				
11	107-8650	1	Conduit-Convolutod				
12	3290-379	2	Tie-Cable				



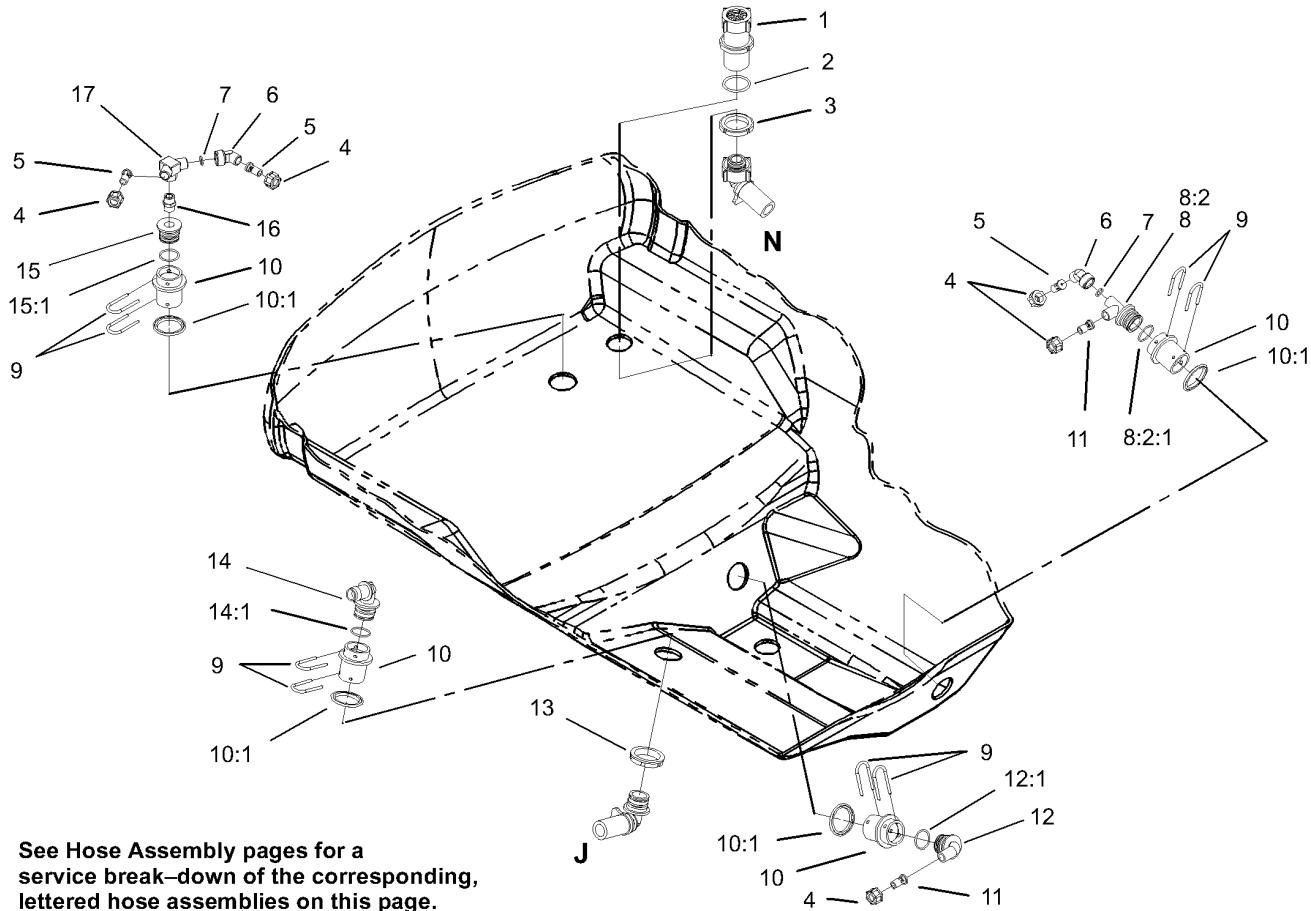
Tank Drain Assembly

Ref	Part No.	Qty.	Description				
1	107-2868	1	Adapter				
2	107-2869	1	Holder-Plunger				
3	107-2871	1	Spring				
4	107-2870	1	Drain Plunger ASM				
4:2	107-2872	1	O-Ring				
5	107-2862	1	Drain Bulkhead ASM				
5:2	107-2864	1	Gasket-Bulkhead				
6	100-7051	1	Nut-Bulkhead				
7	107-2867	1	Seat Drain ASM				
7:2	107-2866	1	O-Ring				
8	106-4933	1	Hosebarb ASM				
8:1	100-8637	1	O-Ring				
9	100-8635	2	Fork				



Top Mounted Suction Assembly

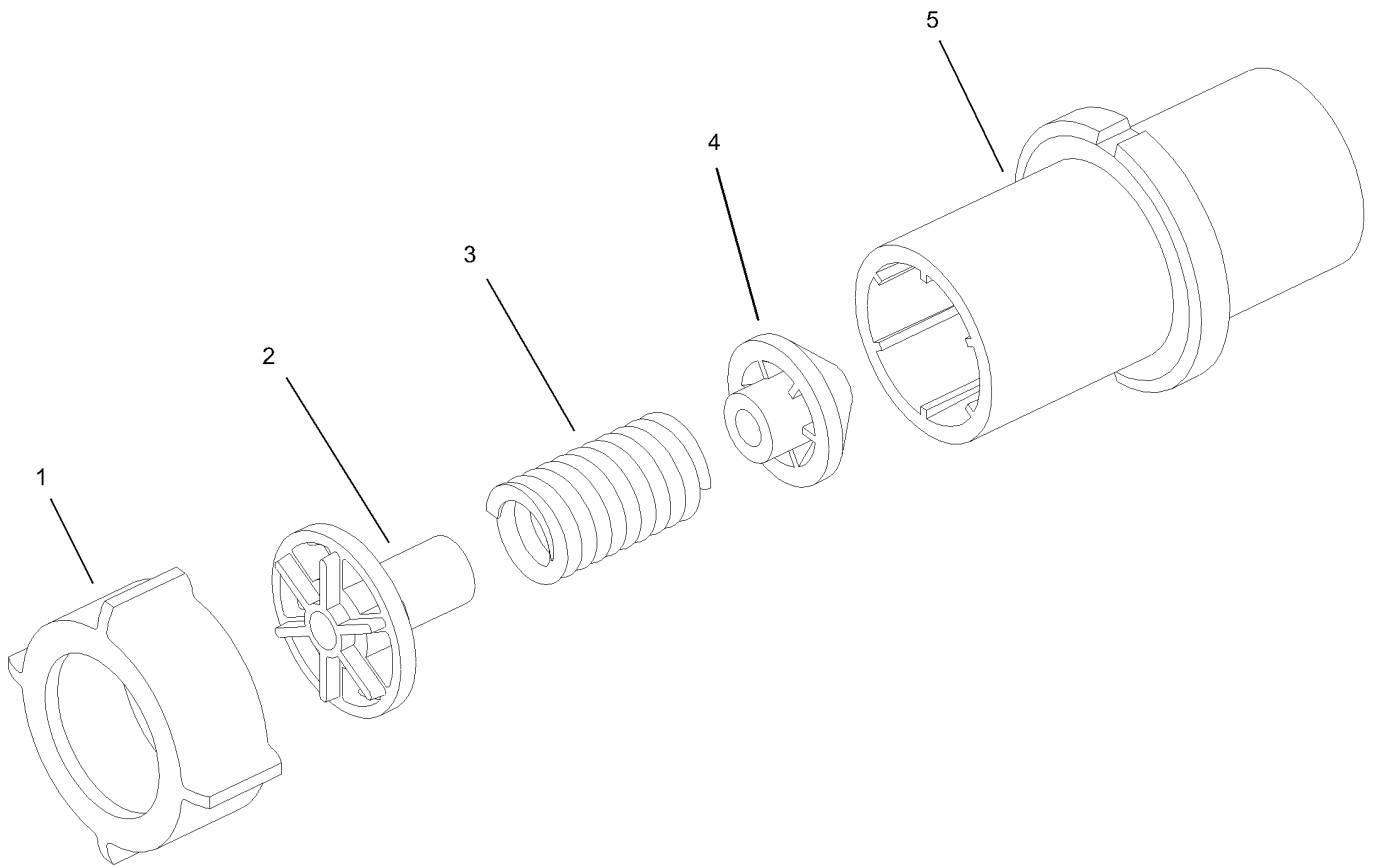
Ref	Part No.	Qty.	Description				
1	100-8636	1	Fork-Special				
3	26392	2	Clamp-Hose				
4	100-8647	1	Nut-Bulkhead				
5	100-8643	1	Housing-Filter				
6	100-8646	1	Gasket-Bulkhead				
7	100-6714	1	Foot-Tube, Suction				
8	100-8641	1	Vane-Screen				
9	100-8644	2	Pin-Expansion				
10	100-6991	1	Element-Filter, Green				
10	100-6992	1	Element-Filter, Red				
10	100-8642	1	Screen-Suction, Mesh 50				
11	106-4952	1	Hosebarb-90 DEG				
11:1	100-6989	1	O-Ring				
12	100-8649	1	Hose-Suction				
13	107-8625	1	Tube-Suction				
14	106-4942	1	Hosebarb-Straight				
14:1	100-8640	1	O-Ring				



See Hose Assembly pages for a service break-down of the corresponding, lettered hose assemblies on this page.

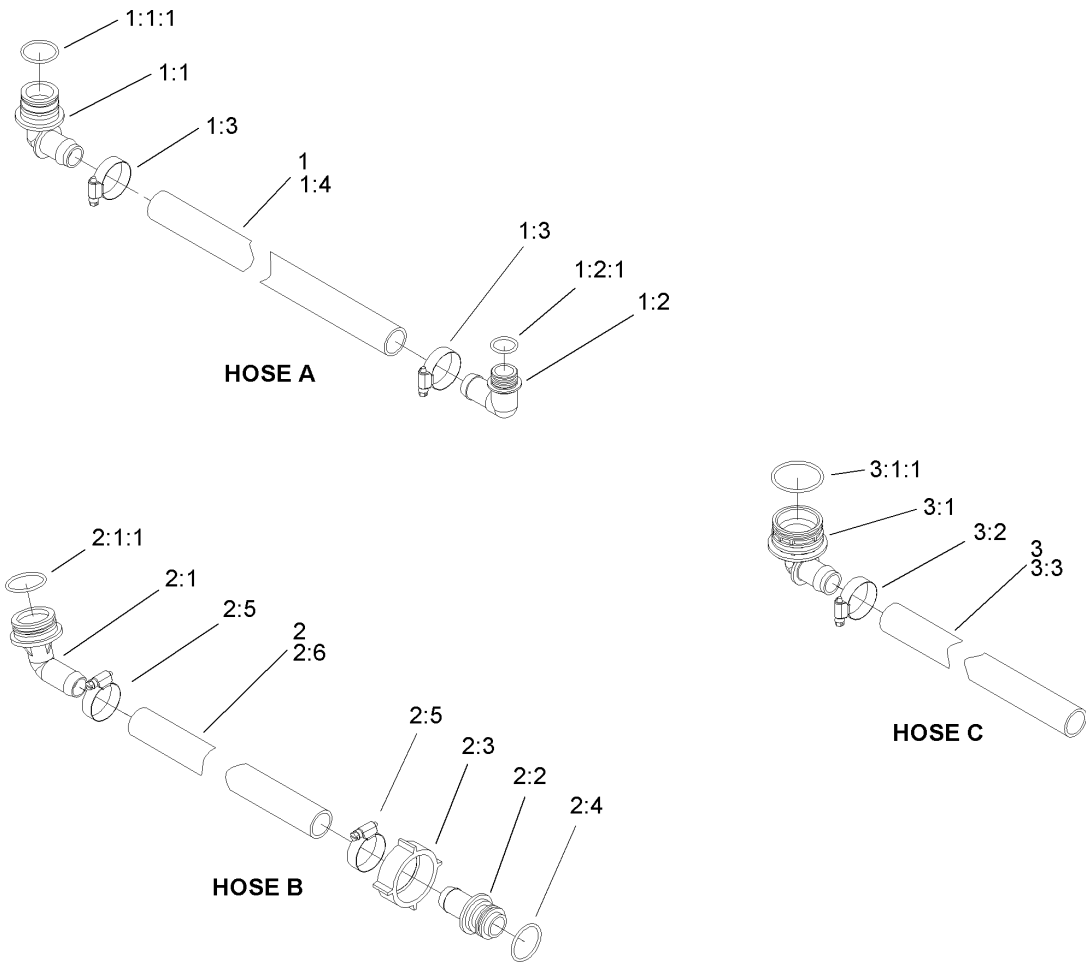
Lower Sprayer Component Assembly

Ref	Part No.	Qty.	Description				
1	100-6820	1	Valve-Safety, 225 Psi				
2	100-6652	1	Gasket				
3	99-0761	1	Ringnut				
4	99-0766	5	Nut				
5	100-6705	3	Nozzle-Agitation				
6	99-0768	2	Elbow-60 DEG				
7	100-6653	2	O-Ring				
8	100-6707	1	Tee				
8:2		1	Adapter ASM				
8:2:1	100-6712	1	O-Ring				
9	100-6708	8	Fork				
10	106-4896	4	Fitting-Bulkhead				
10:1	100-6710	1	Gasket-Bulkhead				
11	100-6706	2	Nozzle-Agitation				
12	106-4944	1	Fitting-90 DEG				
12:1	100-6712	1	O-Ring				
13	100-6713	1	Nut-Bulkhead				
14	106-4945	1	Elbow				
14:1	100-6712	1	O-Ring				
15	106-4943	1	Adapter ASM				
15:1	100-6712	1	O-Ring				
16	100-6722	1	Nipple				
17	100-6723	1	Tee				



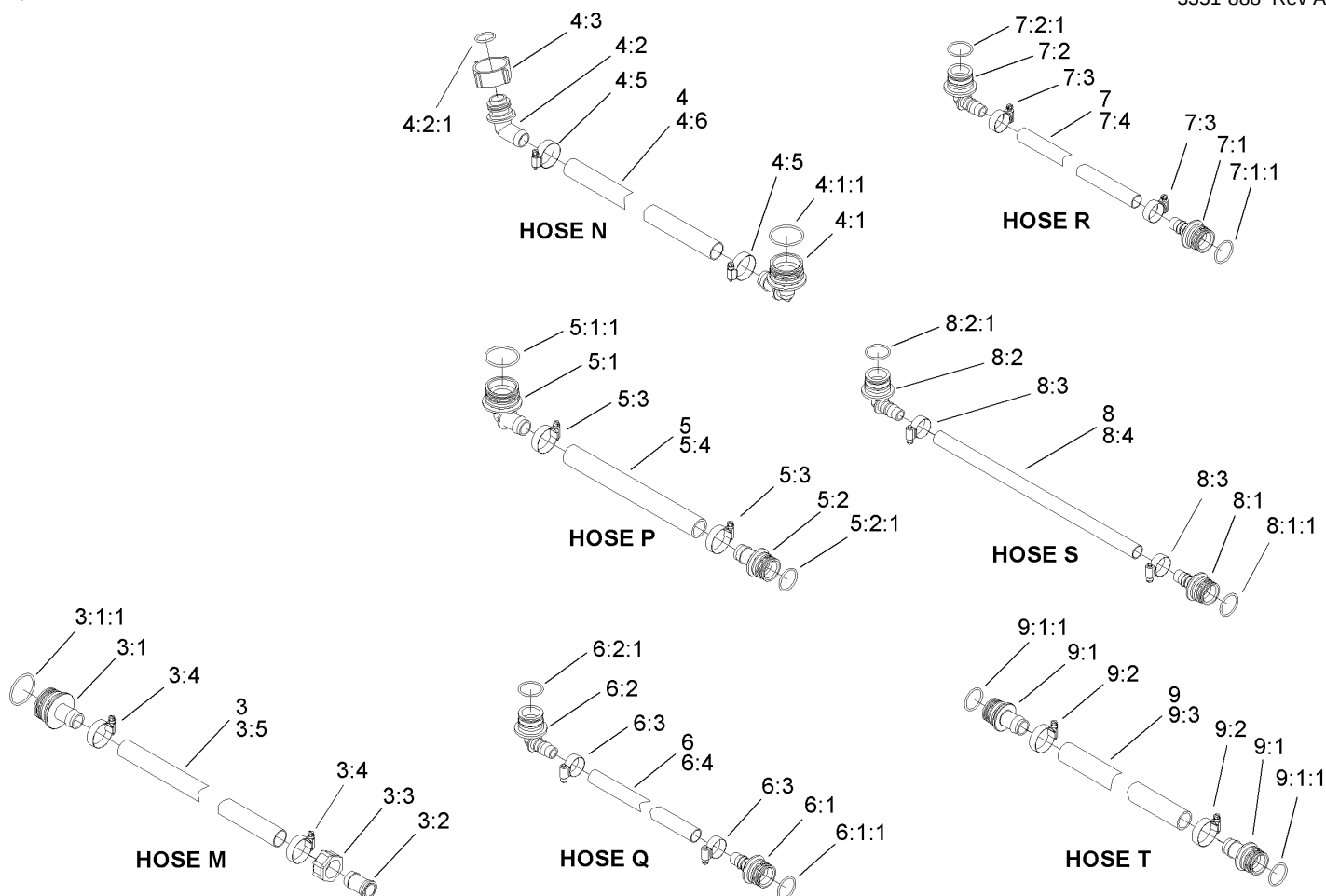
Safety Valve Assembly No. 100-6820

Ref	Part No.	Qty.	Description				
1	100-8678	1	Nut				
2	100-6724	1	Valve-Relief, Seat				
3	100-6725	1	Spring-Relief, Valve				
4	100-6726	1	Cone-Relief, Valve				
5	100-6727	1	Housing-Relief, Valve				



Hose Assemblies No. 1

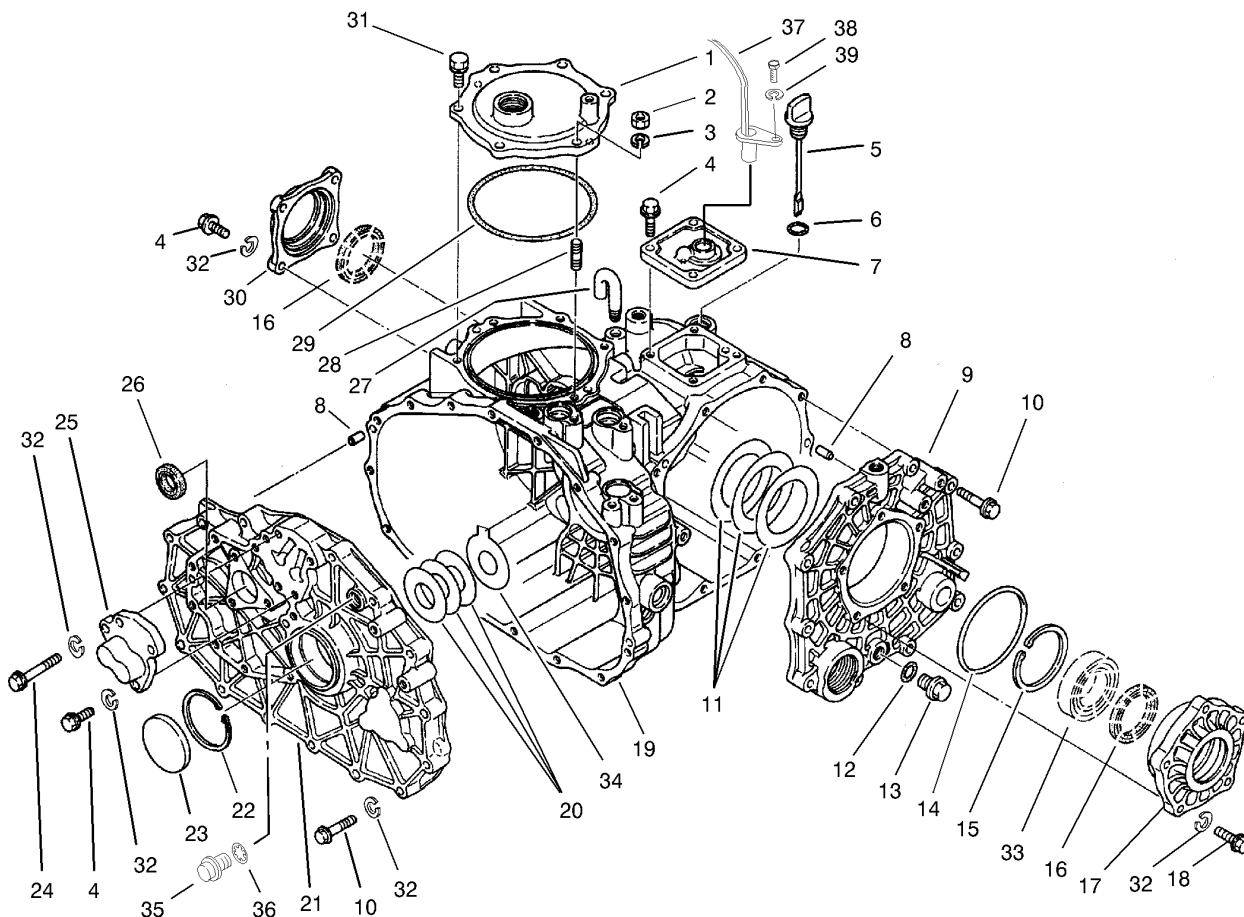
Ref	Part No.	Qty.	Description				
②1		1	Boom Bypass Hose ASM				
1:1	106-4945	1	Elbow				
1:1:1	100-6712	1	O-Ring				
1:2	106-4948	1	Hose Barb ASM				
1:2:1	100-6882	1	O-Ring				
1:3	2412-3	2	Clamp-Hose				
1:4	104-9044	1	Hose-Bypass, Boom				
②2		1	Agitation Supply Hose ASM				
2:1	106-4950	1	Hose Barb ASM				
2:1:1	100-8671	1	O-Ring				
2:2	100-8670	1	Hosebarb				
2:3	100-8669	1	Nut				
2:4	100-8671	1	O-Ring				
2:5	2412-3	2	Clamp-Hose				
2:6	104-8711	1	Hose				
②3		1	Tee Controls Hose ASM				
3:1	106-4933	1	Hosebarb ASM				
3:1:1	100-8637	1	O-Ring				
3:2	2412-3	1	Clamp-Hose				
3:3	104-8713	1	Hose				



Hose Assemblies No. 2

Ref	Part No.	Qty.	Description
23		1	Manifold Tee Hose ASM
3:1	106-4932	1	Hosebarb-Straight
3:1:1	100-8637	1	O-Ring
3:2	99-0781	1	Hosebarb
3:3	99-0769	1	Nut
3:4	2412-3	2	Clamp-Hose
3:5	104-8712	1	Hose
24		1	Relief Valve Hose ASM
4:1	106-4933	1	Hosebarb ASM
4:1:1	100-8637	1	O-Ring
4:2	106-4949	1	Hosebarb
4:2:1	100-6646	1	O-Ring
4:3	100-8678	1	Nut
4:5	2412-3	2	Clamp-Hose
4:6	104-8710	1	Hose
25		1	Agitation Valve Hose ASM
5:1	106-4933	1	Hosebarb ASM
5:1:1	100-8637	1	O-Ring
5:2	106-4935	1	Hosebarb ASM
5:2:1	100-6712	1	O-Ring
5:3	2412-3	2	Clamp-Hose
5:4	107-8642	1	Hose
26		1	Rear Agitation Hose ASM
6:1	106-4939	1	Hosebarb-Straight

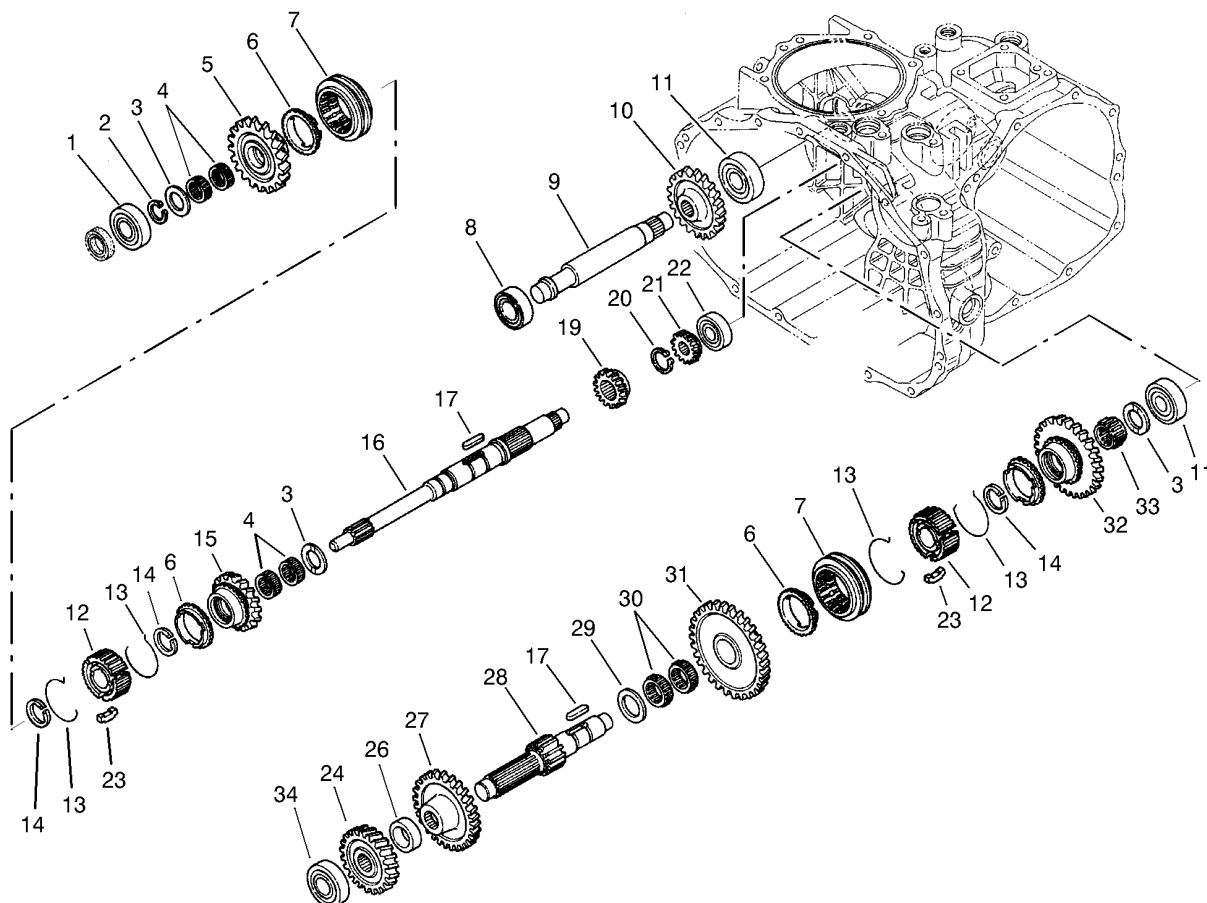
Ref	Part No.	Qty.	Description
6:1:1	100-6712	1	O-Ring
6:2	106-4940	1	Hosebarb-90 DEG
6:2:1	100-6712	1	O-Ring
6:3	2412-129	2	Clamp-Hose
6:4	104-9043	1	Hose-Agitation, Rear
27		1	Front Agitation Hose ASM
7:1	106-4939	1	Hosebarb-Straight
7:1:1	100-6712	1	O-Ring
7:2	106-4940	1	Hosebarb-90 DEG
7:2:1	100-6712	1	O-Ring
7:3	2412-129	2	Clamp-Hose
7:4	104-8706	1	Hose
28		1	Middle Agitation Hose ASM
8:1	106-4939	1	Hosebarb-Straight
8:1:1	100-6712	1	O-Ring
8:2	106-4940	1	Hosebarb-90 DEG
8:2:1	100-6712	1	O-Ring
8:3	2412-129	2	Clamp-Hose
8:4	104-8704	1	Hose
29		1	Agitation Tee Hose ASM
9:1	106-4935	2	Hosebarb ASM
9:1:1	100-6712	1	O-Ring
9:2	2412-3	2	Clamp-Hose
9:3	104-9039	1	Hose-Tee, Agitation



Case Assembly Transaxle Assembly No. 104-9078

Ref	Part No.	Qty.	Description
1	100-8595	1	Cover-PTO
2	48-7930	1	Nut
3	92-0762	1	Washer-Spring
4	33114-025	11	Screw-HH
5	92-0662	1	Cap-Oil
6	92-0788	1	O-Ring
7	92-3736	1	Cover ASM
8	92-0765	4	Pin-Parallel
9	92-0653	1	Cover-Side
10	33114-040	25	Screw-HH
11	92-0809	1	Set-Shim
12	92-0787	1	O-Ring
13	92-0773	1	Plug-Drain
14	92-0789	1	O-Ring
15	92-0760	1	Ring-Snap
16	92-0793	2	Seal-Oil
17	92-0654	1	Carrier-Differential
18	48-7730	5	Screw-HH
19	92-0651	1	Case-Transmission
20	100-4460	1	Shim Set
21	100-4461	1	Plate-Center
22	92-0759	1	Ring-Snap
23	92-0807	1	Cap-Sealing
24	48-7560	1	Bolt-HH

Ref	Part No.	Qty.	Description
25	92-0706	1	Shaft-Fork
26	92-0791	1	Seal-Oil
27	92-0743	1	Breather-Air
28	92-0804	1	Stud
29	92-0790	1	O-Ring
30	92-0655	1	Cover-Seal, Axle
31	92-0796	5	Bolt
32	3253-4	42	Washer-Lock
33	92-0775	2	Bearing
34	100-4465	1	Shim (W/Tab)
35	100-6924	1	Plug
36	100-6925	1	Packing
37	85-4350	1	Sensor-Gear tooth
38	48-7610	1	Screw
39	48-8020	1	Washer-Spring
●99	100-6928	1	Bolt
●99	100-8594	1	Cover-Shaft, Input

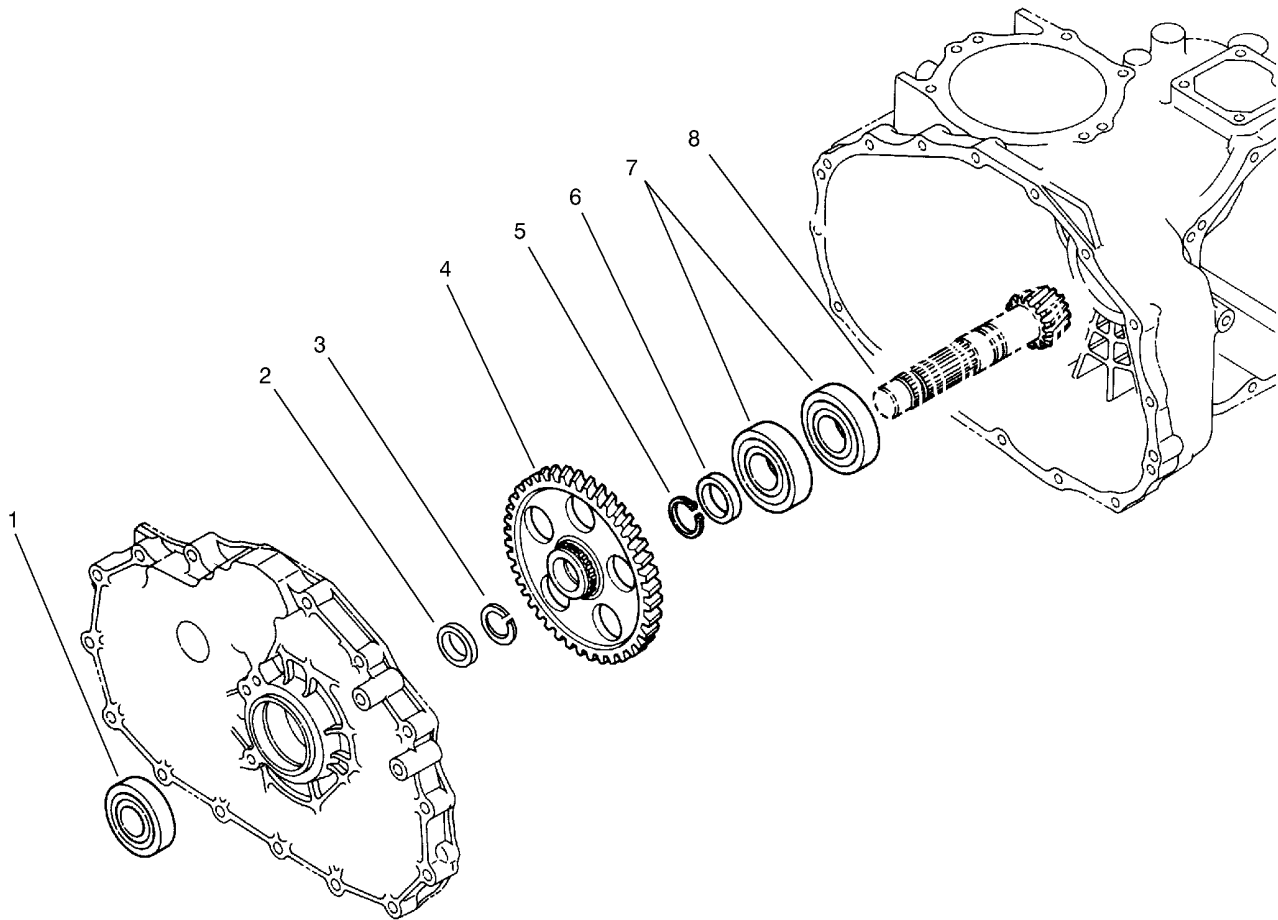


Transaxle Gear Shaft Assembly

Transaxle Assembly No. 104-9078

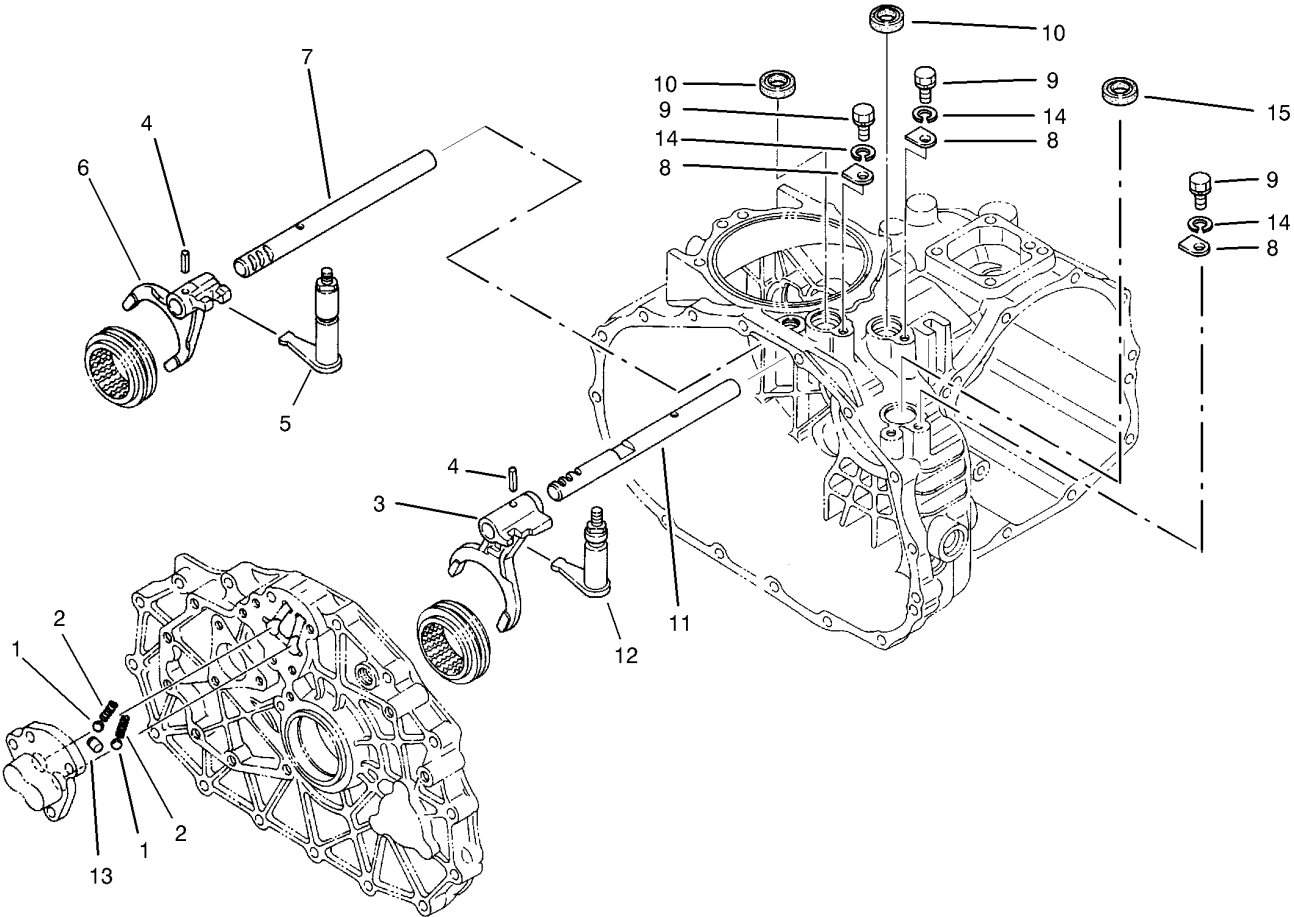
Ref	Part No.	Qty.	Description
1	251-8	1	Bearing-Ball
2	92-0753	1	Ring-Snap
3	92-0740	3	Washer-Thrust
4	92-0781	4	Bearing-Needle
5	100-8597	1	Gear-Main, 36 Tooth
6	92-0667	3	Ring-Synchro
7	92-0668	2	Shifter-Synchro
8	251-346	2	Bearing-Ball
9	100-8602	1	Shaft-Idler, Reverse
10	92-0684	1	Gear-Reverse, 33 Tooth
11	92-0778	2	Bearing
12	92-0664	2	Hub-Synchro
13	92-0666	4	Spring-Synchro
14	92-0763	3	Ring-Snap
15	100-8598	1	Gear-Main, 20 Tooth
16	100-8596	1	Shaft-Main
17	92-0772	2	Key
19	92-0671	1	Gear-Main, 22 Tooth
20	92-0754	1	Ring-Snap
21	92-0673	1	Gear-Main, 14 Tooth
22	92-0650	1	Bearing
23	92-0665	6	Key-Synchro
24	92-0676	1	Gear-Reduction, 32 Tooth
26	100-8601	1	Collar

Ref	Part No.	Qty.	Description
27	92-0819	1	Gear-Reduction, 40 Tooth
28	92-0674	1	Shaft-Reduction
29	92-0682	1	Washer-Thrust
30	92-0681	2	Bearing-Needle
31	100-8599	1	Gear-Red, 25 Tooth
32	100-8600	1	Gear-Red, 47 Tooth
33	92-0782	1	Bearing-Needle
34	105-7985	1	Bearing



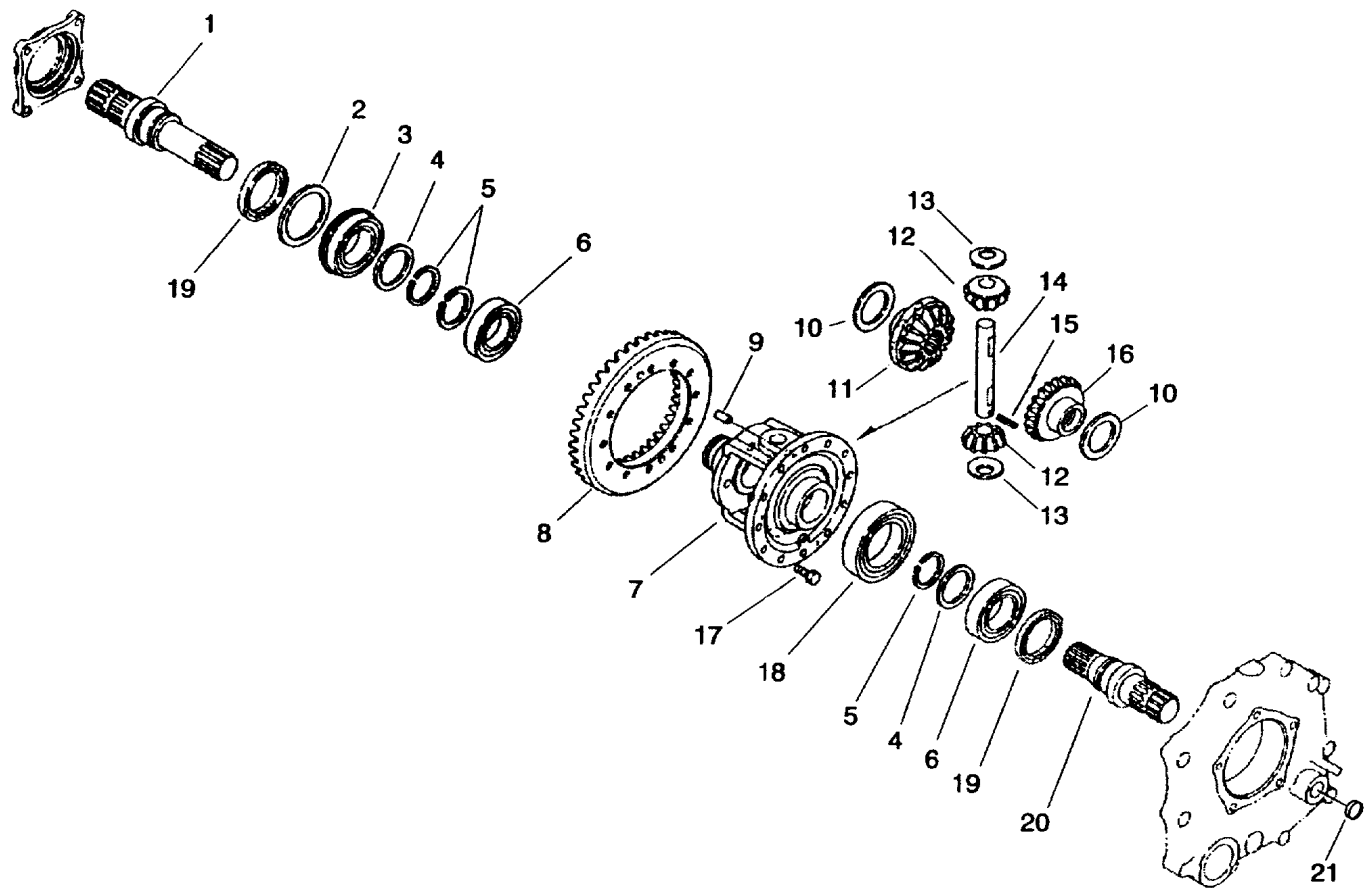
Countershaft Assembly
Transaxle Assembly No. 104-9078

Ref	Part No.	Qty.	Description				
1	92-0712	1	Bearing-Ball				
2	92-0716	1	Collar				
3	92-0764	1	Ring-Snap				
4	100-8603	1	Gear-Count				
5	92-0755	1	Ring-Snap				
6	92-0713	1	Collar				
7	92-0714	2	Bearing				
8	92-0710	1	Gear-Ring				



Shift Fork Assembly
Transaxle Assembly No. 104-9078

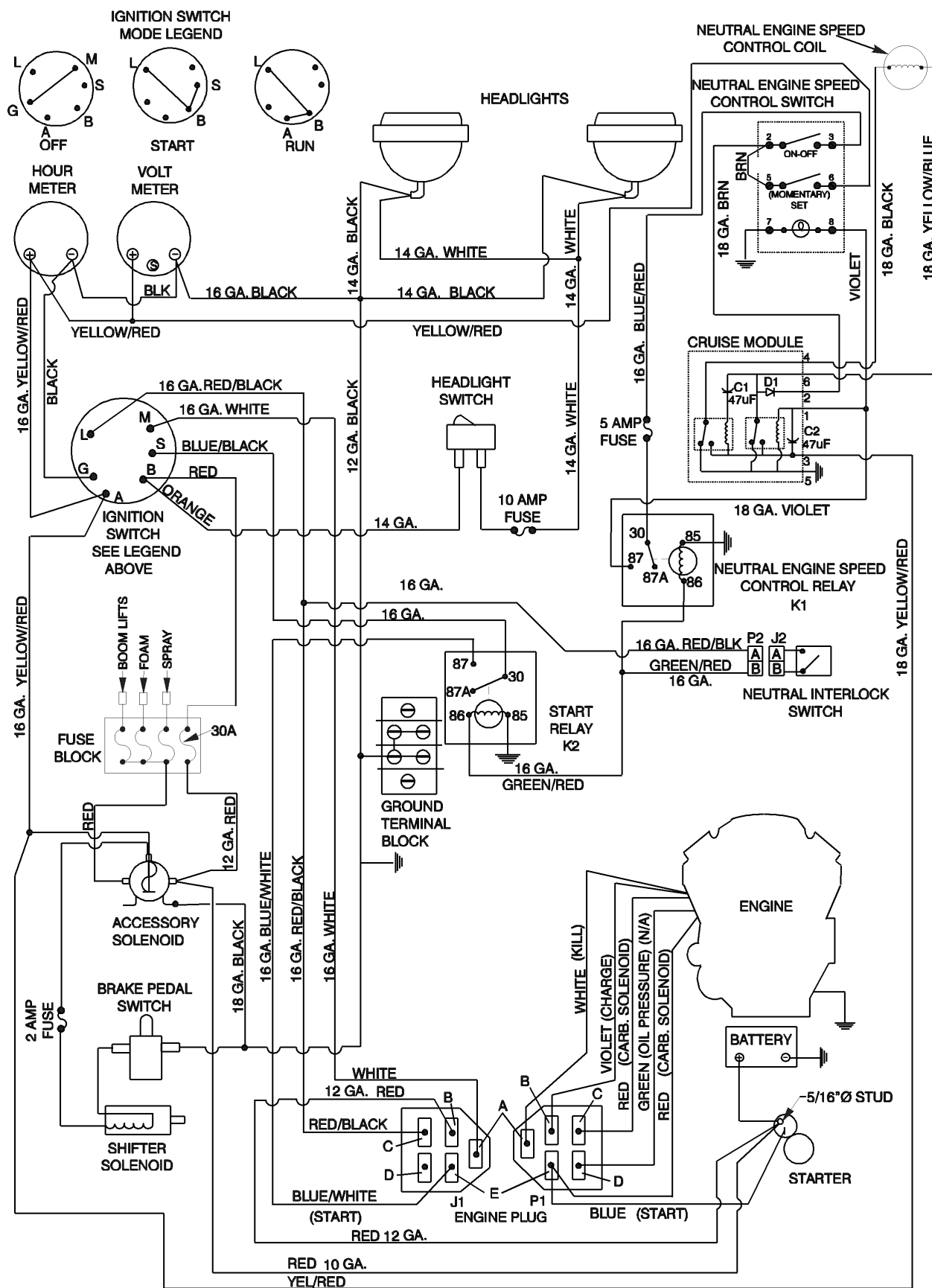
Ref	Part No.	Qty.	Description				
1	92-0785	3	Ball-Steel				
2	92-0731	3	Spring				
3	92-0700	1	Fork-Shift				
4	92-0769	2	Pin-Roll				
5	92-0817	1	Arm-Shift				
6	92-0701	1	Fork-Shift				
7	92-0699	1	Shaft-Fork				
8	92-0732	3	Plate-Keeper				
9	33114-016	3	Screw-HH				
10	92-0729	3	Seal-Oil				
11	92-0698	1	Shaft-Fork				
12	92-0816	1	Arm-Shift				
13	92-0705	1	Lock-Spindle				
14	3253-4	3	Washer-Lock				
15	100-6927	1	Cap-Sealing				



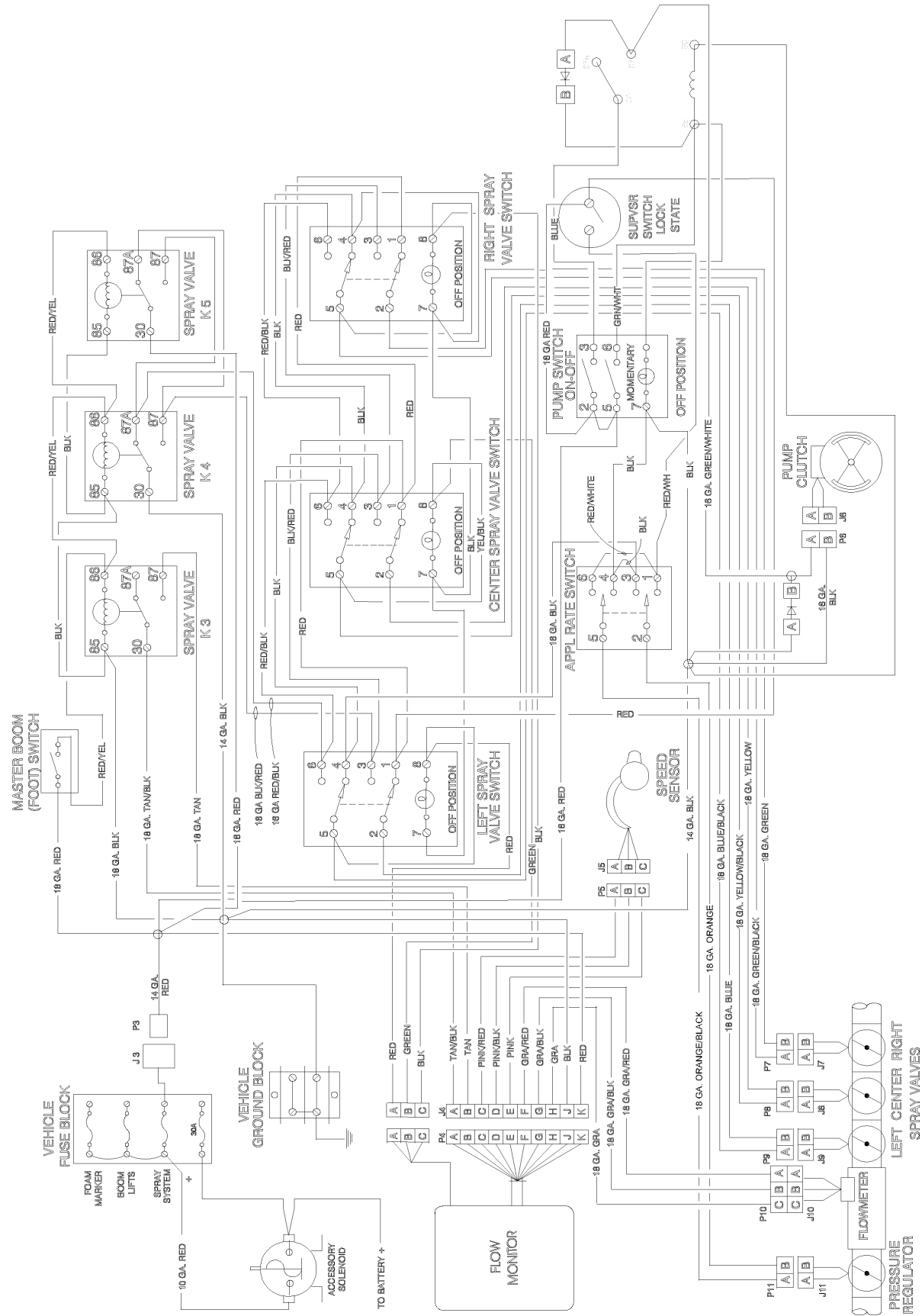
Differential Gear Assembly
Transaxle Assembly No. 104-9078

Ref	Part No.	Qty.	Description				
1	92-0726	1	Shaft-Axle, Right				
2	92-0728	1	Washer				
3	92-0780	1	Bearing				
4	92-0727	2	Washer				
5	92-0756	3	Ring-Snap				
6	92-0775	2	Bearing				
7	92-0720	1	Case-Differential				
8	92-0710	1	Ring Gear ASM (Incl. Counter Shaft)				
9	92-0765	2	Pin-Parallel				
10	92-0747	2	Side-Gear, Left Inner				
11	92-0746	1	Gear-Side, RH				
12	92-0748	2	Pinion-Differential				
13	92-0750	2	Washer				
14	92-0749	1	Shaft-Pinion				
15	92-0768	2	Pin-Roll, Spring				
16	92-0745	1	Gear-Side, LH				
17	92-0803	12	Bolt				
18	92-0776	1	Bearing				
19	92-0793	2	Seal-Oil				
20	92-0725	1	Shaft-Axle, Left				
21	100-6926	1	Cap-Sealing				

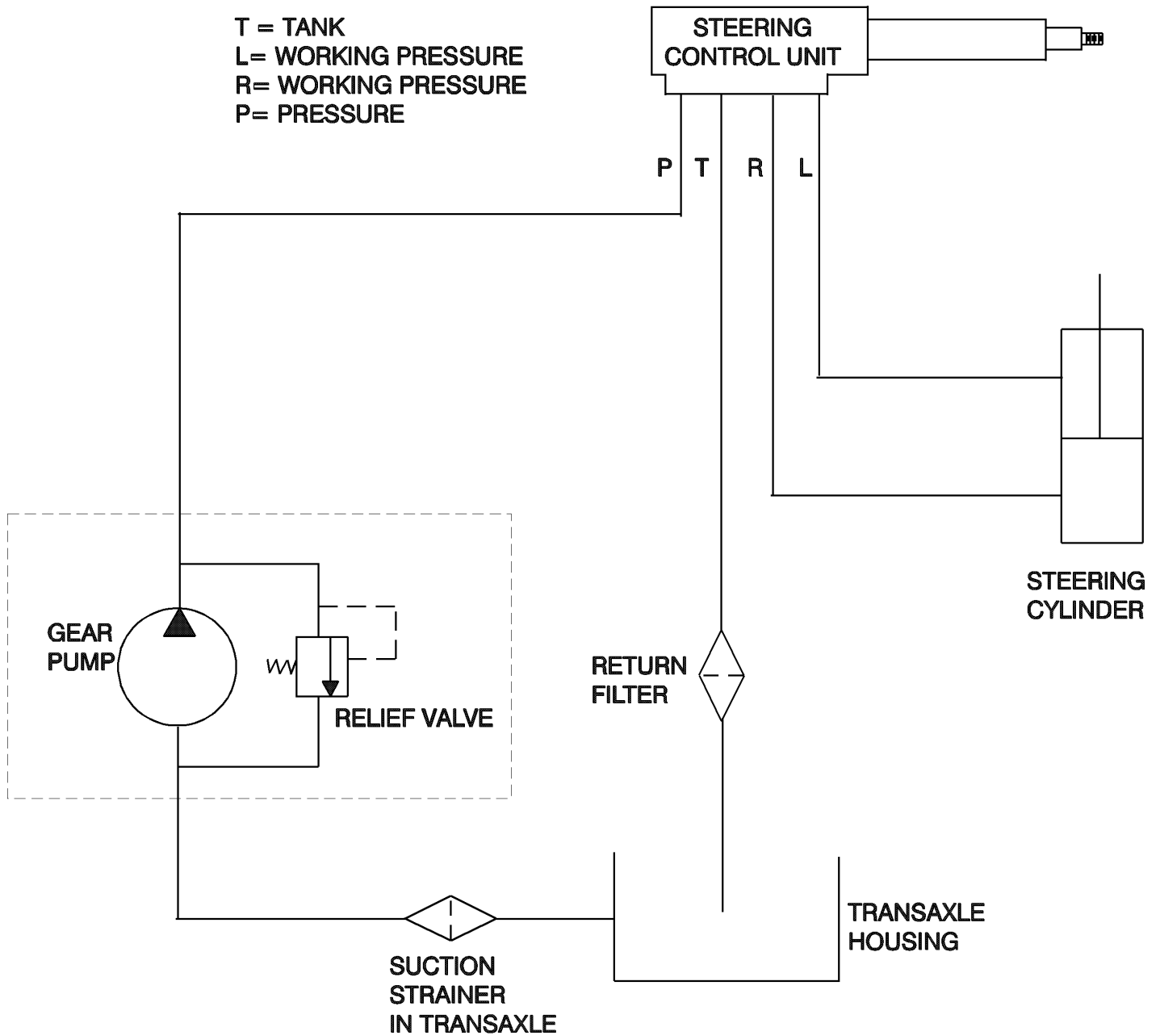
Vehicle Electrical Schematic

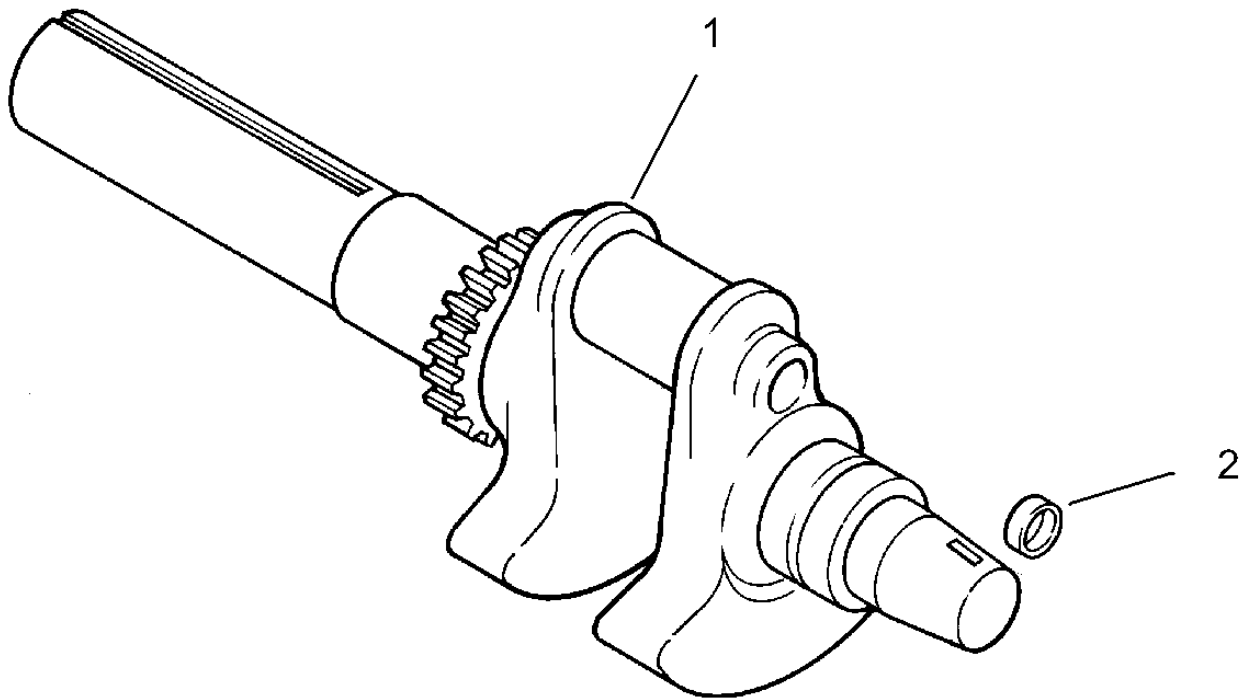


Spray System Electrical Schematic



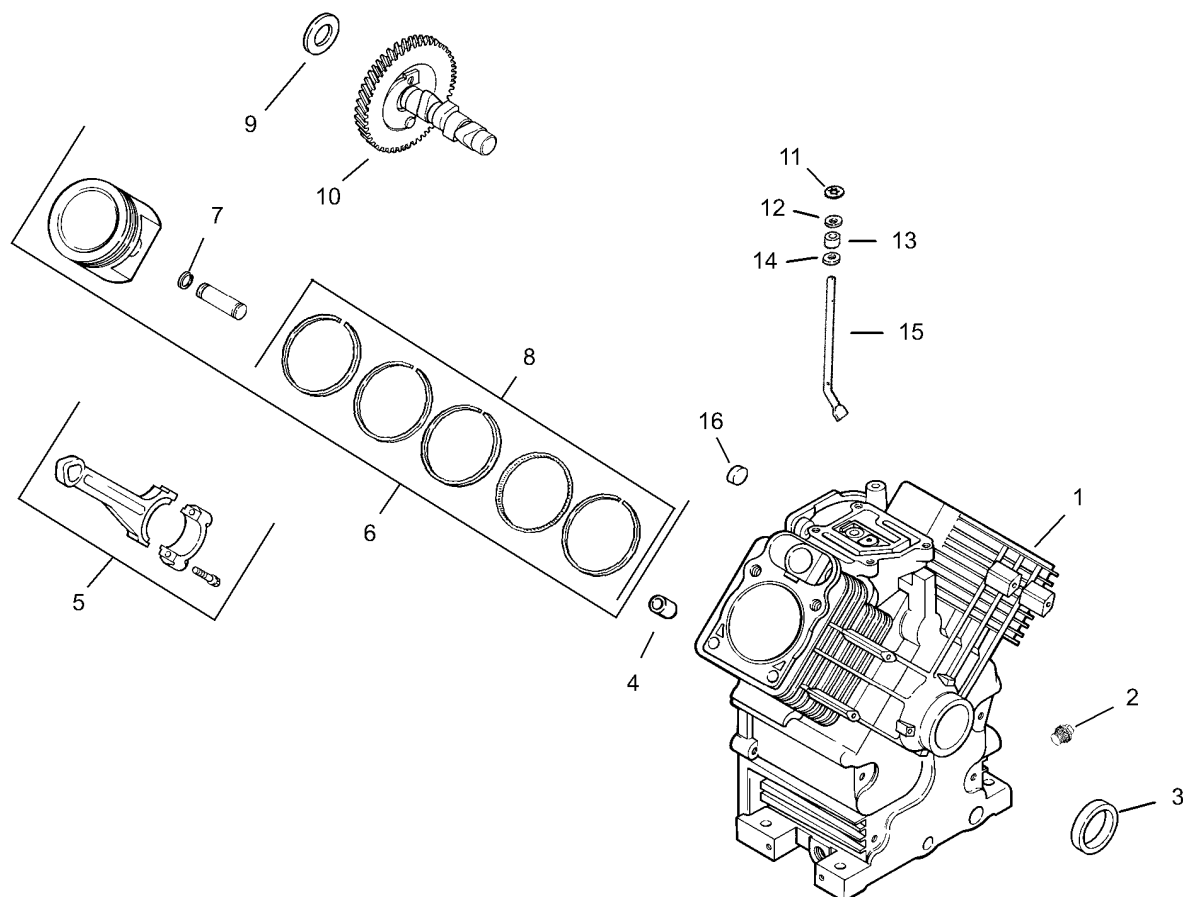
Vehicle Hydraulic Schematic





Crankshaft Assembly Kohler CH20S-64647

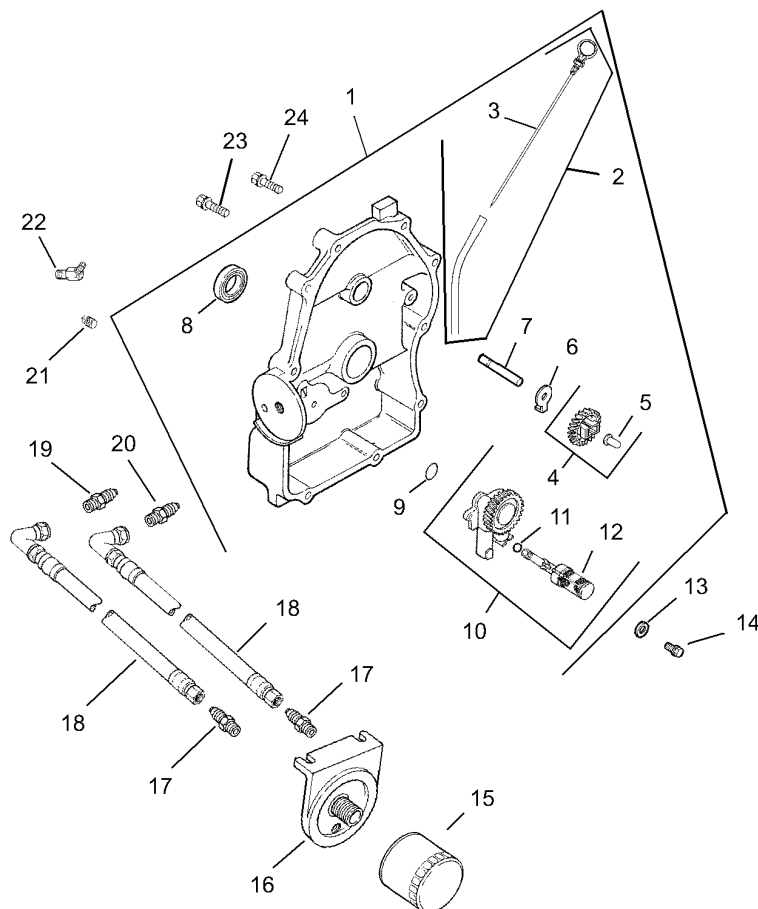
Ref	Part No.	Qty.	Description
③1	24 014 103-S	2	Crankshaft (Incl. Ref. #2)
③2	52 139 09-S	1	Plug-Cup



Crankcase Assembly Kohler CH20S-64647

Ref	Part No.	Qty.	Description
❶1		1	Cylinder Block (Use Miniblock 24 782 15)
❶2	25 139 57-S	2	Plug-Solid, Square Head (.38)
❶3	24 032 01-S	1	Seal-Oil
❶4	24 380 13-S	6	Pin-Locating
❶5	24 067 13-S	2	Rod-Connecting (Standard)
❶	24 067 14-S	2	Rod-Connecting (.25)
❶6	24 874 17-S	2	Piston W/Ring Set (STD.)(Incl. Ref. #7 And 8)
❶	24 874 14-S	2	Piston ASM (.08)
❶	24 874 18-S	2	Piston ASM (.25)
❶	24 874 19-S	2	Piston ASM (.50)
❶7	24 018 01-S	4	Retainer-Pin, Piston
❶8	24 108 11-S	2	Ring Set (STD And .08)
❶	24 108 12-S	2	Ring Set (.25)
❶	24 108 13-S	2	Set-Ring (.50)
❶9	12 422 09-S	0	Shim-Camshaft (Red .032)
❶	12 422 13-S	0	Shim-Camshaft (Black .04)
❶	12 422 07-S	0	Shim-Camshaft (White .028)
❶	12 422 08-S	0	Shim-Camshaft (Blue .03)
❶	12 422 10-S	0	Shim-Camshaft (Yellow .034)
❶	12 422 11-S	0	Shim-Camshaft (Green .036)
❶	12 422 12-S	0	Shim-Camshaft (Gray .038)
❶10	24 012 10-S	1	Camshaft

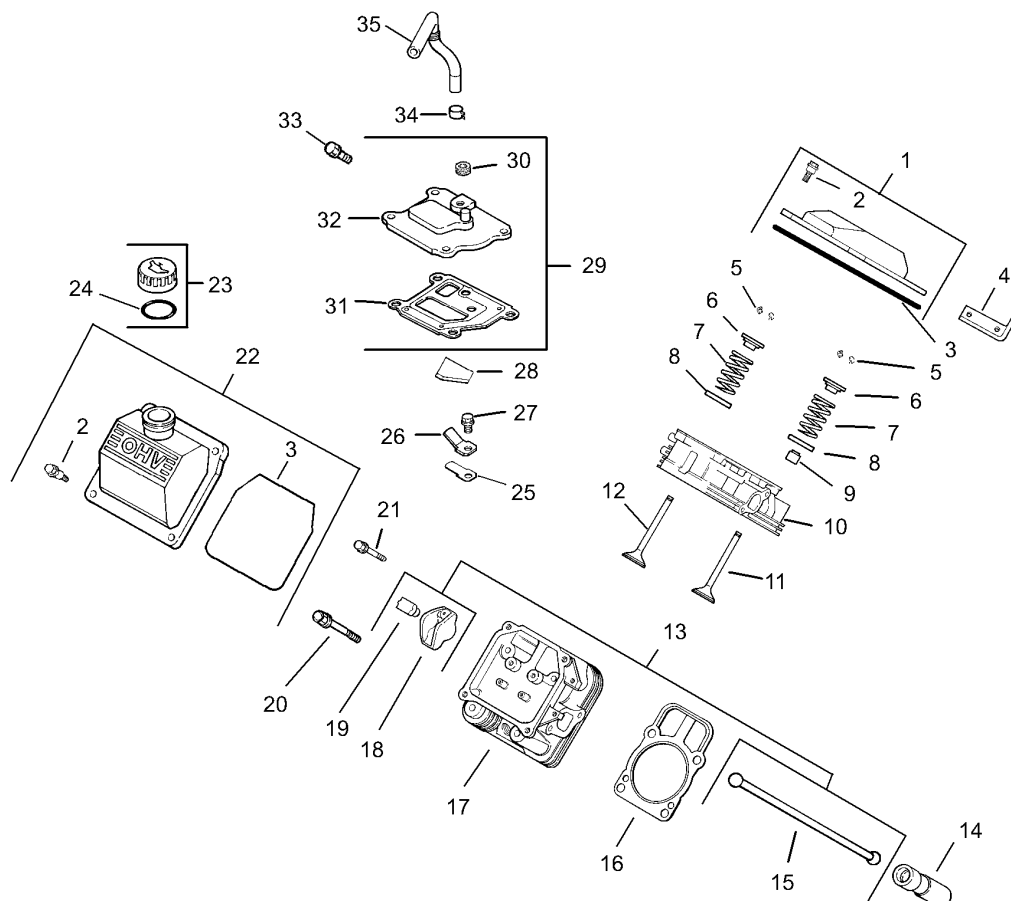
Ref	Part No.	Qty.	Description
❶11	24 018 09-S	1	Ring-Retainer
❶12	M-931010-S	1	Washer-Flat (8 Mm)
❶13	28 032 09-S	1	Seal-Shaft, Cross Governor
❶14	24 468 15-S	1	Washer-Flat (.34)
❶15	24 144 33-S	1	Shaft-Governor Cross
❶16	52 139 09-S	1	Plug-Cup



Oil Pan / Lubrication Assembly Kohler CH20S-64647

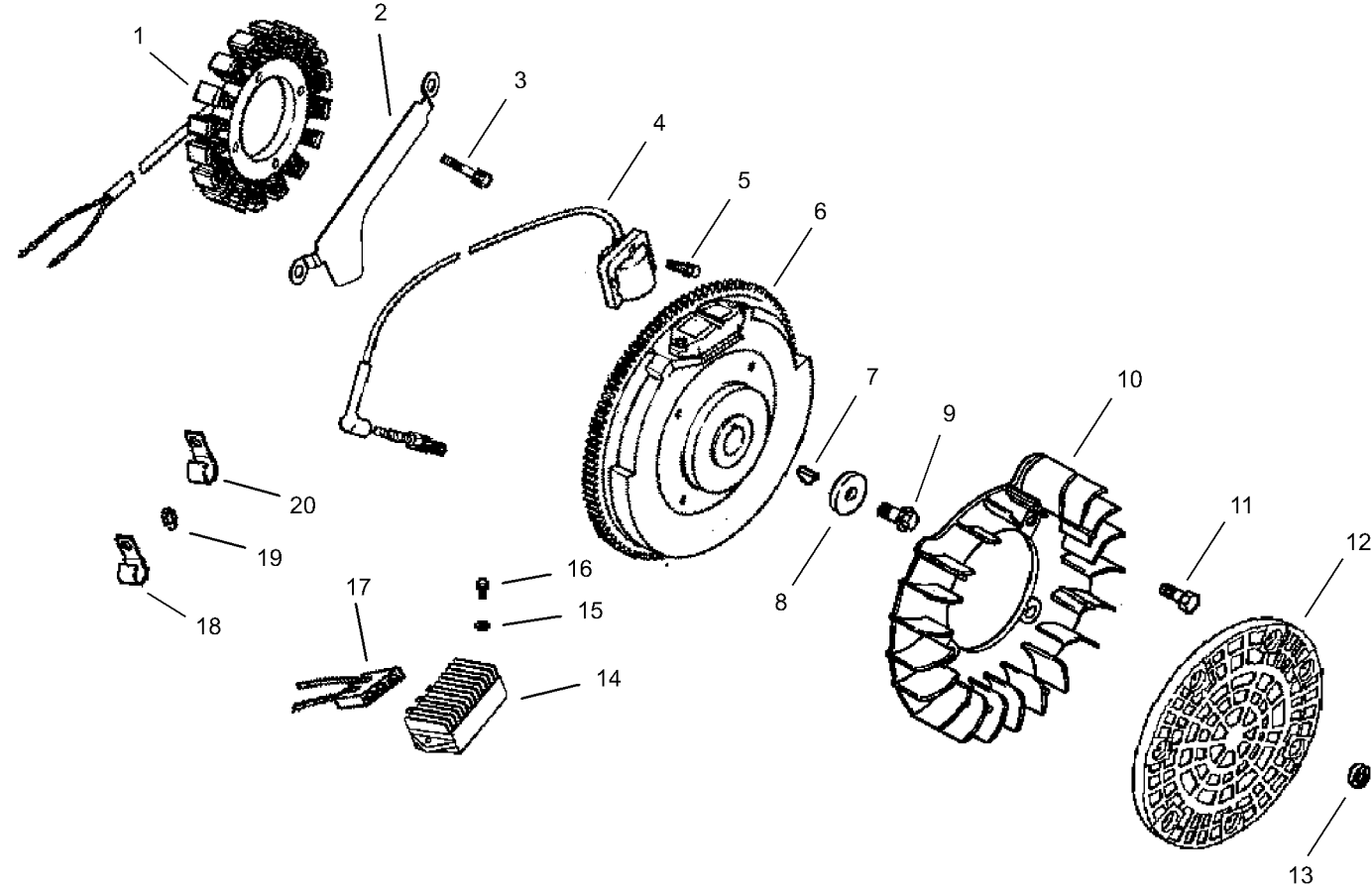
Ref	Part No.	Qty.	Description
❶1	24 009 96-S	1	Plate, Closure ASM (Incl. Ref. #2-12,19, 20, 22)
❶2	24 755 121-S	3	Kit, Dipstick W/Tube (Incl. Ref. #3)
❶3	24 038 10-S	1	Dipstick
❶4	24 043 12-S	5	Kit, Governor Gear (Incl. Ref. #5)
❶5	12 380 01-S	1	Pin-Regulating, Governor
❶6	52 448 02-S	1	Tab-Locking
❶7	12 144 02-S	1	Shaft-Gear, Governor
❶8	52 032 08-S	1	Seal-Oil
❶9	24 153 08-S	1	O-Ring
❶10	24 393 37-S	1	Oil Pump Assembly (Incl. Ref. #11, 12)
❶11	24 153 01-S	1	O-Ring
❶12	24 381 04-S	1	Pick Up-Oil
❶13	M-631005-S	2	Washer-Plain (6 Mm)
❶14	M-645025-S	2	Screw-HF (M6X1.0X25)
❶15	52 050 02-S	1	Filter-Oil
❶16	25 029 01-S	1	Adapter-Oil Filter, Remote
❶17	52 155 03-S	2	Connector-Hose
❶18	24 326 46-S	2	Hose, Oil
❶19	24 294 08-S	1	Fitting
❶20	24 294 09-S	1	Fitting-Straight
❶21	25 155 11-S	1	Connector 1/4-18 Npt,1/2-20 Sae 45° Maleflare
❶22	24 086 16-S	9	Screw-HF (M8X1.25X45)

Ref	Part No.	Qty.	Description
❶23	24 086 17-S	1	Screw-HF (M8X1.25X45)
❶❶	25 454 03-S	2	Tie-Wire



Head / Valve / Breather Assembly Kohler CH20S-64647

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
❶1	24 755 74-S	1	Kit, Valve Cover-Plain (Incl. Ref. #2 And 3)	❶21	M-640034-S	4	Screw-HF (M6X1.0X34)
❶2	24 086 32-S	4	Screw-Shoulder, M6X1.0X30	❶22	24 559 03-S	1	Kit, Fuel Pump/Valve Cover (Incl. Ref. # 2 And 3)
❶3	24 153 23-S	1	O-Ring	❶23	24 755 46-S	1	Kit, Oil Fill Cap (Incl. Ref. #24)
❶4	24 445 01-S	1	Strap-Lifting	❶24	25 153 02-S	1	O-Ring
❶5	12 755 03-S	4	Retainer Kit	❶25	24 402 03-S	1	Reed-Breather
❶6	12 173 01-S	4	Cap-Spring, Valve	❶26	12 018 01-S	1	Retainer-Reed, Breather
❶7	24 089 02-S	4	Spring-Valve	❶27	M-545010-S	1	Screw-HHFTF (M5X0.8X10)
❶8	235011-S	4	Retainer-Spring	❶28	24 050 01-S	1	Filter-Breather
❶9	66 032 05-S	2	Seal-Stem, Valve	❶29	24 033 01-S	1	Kit, Breather(Incl. Ref. #30-32)
❶10	24 318 68-S	1	No. 1 Cylinder Head ASM	❶30	25 139 60-S	1	Plug-Hex, Countersunk (.125)
❶11	24 017 01-S	2	Valve-Intake (Standard)	❶31	24 041 23-S	1	Gasket-Breather
❶	24 017 02-S	2	Valve-Intake (.25)	❶32	24 096 86-S	1	Cover-Breather
❶12	24 016 01-S	2	Valve-Exhaust (Standard)	❶33	M-645020-S	4	Screw-Flange, Hex (M6X1.0X20)
❶	24 016 02-S	2	Valve-Exhaust (.25)	❶34	25 237 14-S	1	Clamp-Hose
❶13	24 755 66-S	1	Kit, Valve Train (Incl. Ref. #15,18,19)	❶35	24 326 26-S	0	Hose-Breather
❶14	25 351 01-S	4	Lifter-Valve				
❶15	24 411 05-S	4	Rod-Push				
❶16	24 041 08-S	2	Gasket-Cylinder Head				
❶17	24 318 71-S	1	No. 2 Cylinder Head ASM				
❶18	25 186 01-S	4	Arm-Rocker				
❶19	24 599 01-S	4	Pivot-Arm, Rocker				
❶22	12 086 16-S	8	Screw-Hex Flange (M10X1.5X90)				

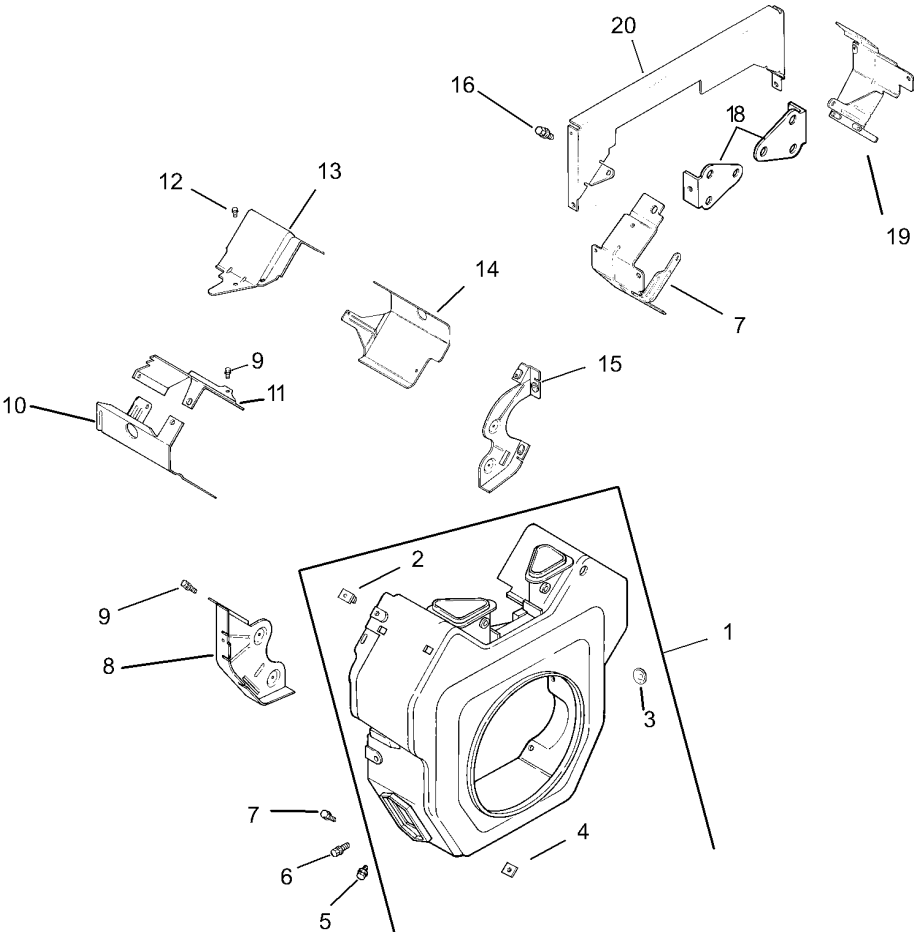


Ignition / Electrical Assembly

Kohler CH20S-64647

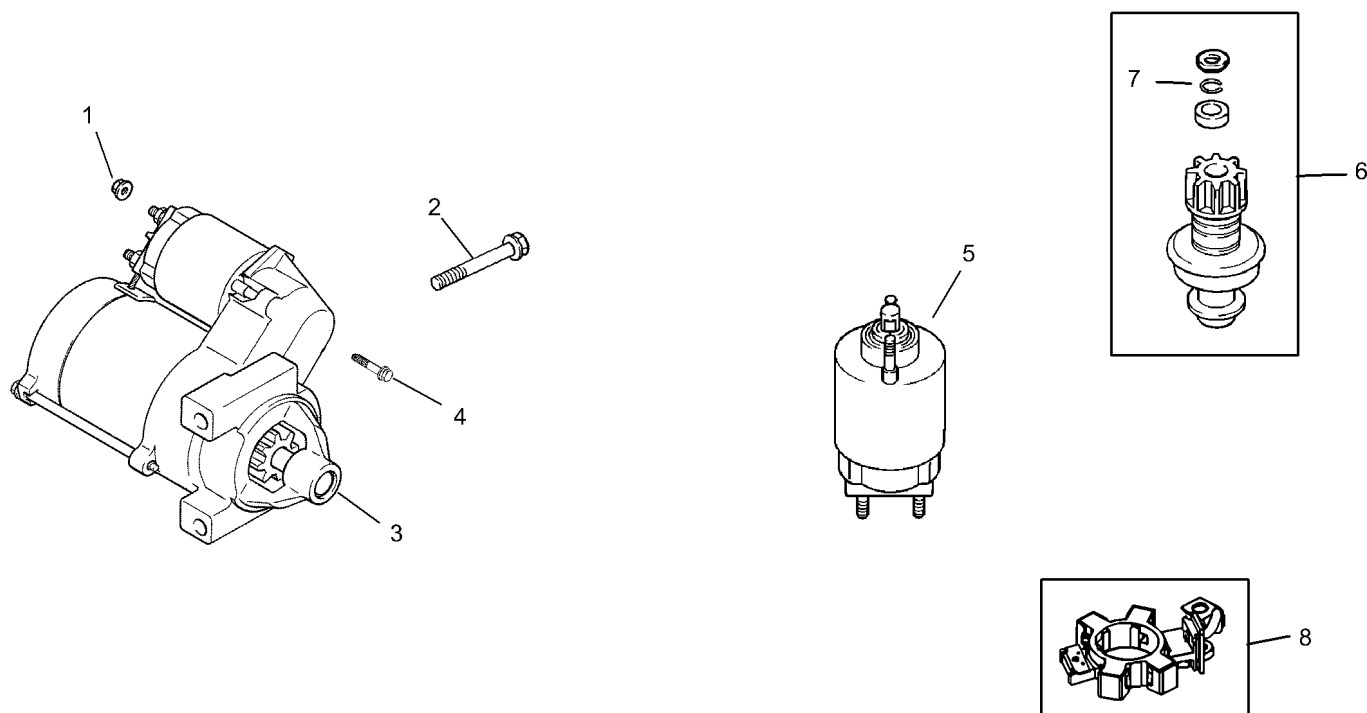
Ref	Part No.	Qty.	Description
1	28 085 02-S	1	Kit, Stator W/Connectors (Incl. Ref. #17)
2	24 126 71-S	1	Bracket-Wire, Stator
3	M-545030-S	2	Screw-Cap, Hex
4	24 584 01-S	2	Module-Ignition
5	M-545020-S	4	Screw-HHFTF (M5X0.8X20)
6	24 025 01-S	1	Flywheel
7	X-42-15-S	1	Key (.19 X .62)
8	12 468 03-S	1	Washer-Flat (.38)
9	12 086 14-S	1	Screw-Hex, Flange (M10X1.5X45)
10	24 157 01-S	1	Fan
11	25 086 47-S	4	Bolt-Shoulder (M6X1.0X16)
12	24 162 03-S	1	Screen-Grass
13	24 018 03-S	1	Retainer
14	25 403 05-S	1	Rectifier-Regulator (15 Amp)
15	X-25-92-S	2	Washer-Flat (.188)
16	24 086 18-S	2	Screw-Phi HD (11-16X.88)
17	236602-S	1	Connector (3 Contact)
18	235173-S	1	Clip-Cable
19	X-25-63-S	1	Washer-Flat (.25)
20	48 154 02-S	1	Clip-Cable
21	12 132 06-S	2	Spark Plug
22	24 518 12-S	1	Lead-Black
23	24 176 72-S	1	Harness-Wiring

Ref	Part No.	Qty.	Description
24	X-22-11-S	1	Washer-Lock, Internal Tooth (1/4)
25	25 454 03-S	2	Tie-Wire



Blower Housing and Baffle Assembly
Kohler CH20S-64647

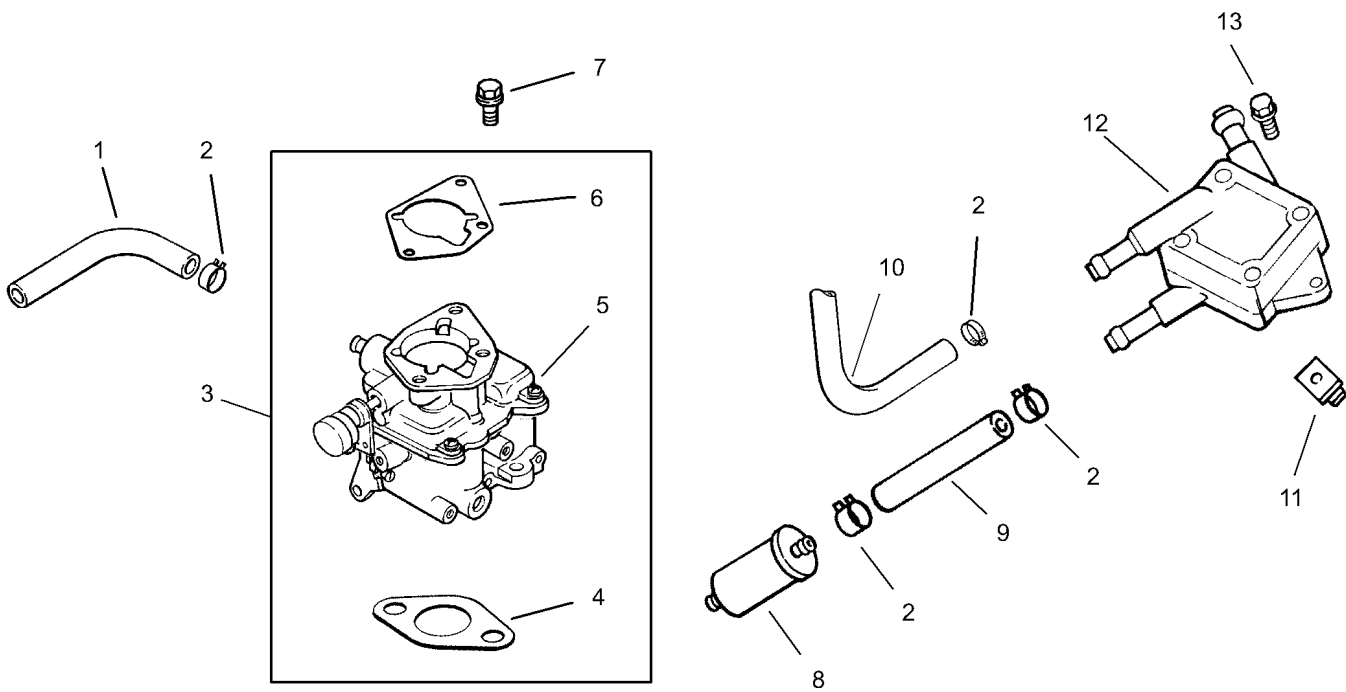
Ref	Part No.	Qty.	Description				
❶1	24 027 175-S	1	Housing, Blower (Incl. #2-4)				
❷2	24 100 02-S	2	Nut-Plastic				
❸3	25 139 16-S	1	Plug-Button (.56)				
❹4	24 100 01-S	3	Nut-Plastic				
❺5	M-551016-S	1	Screw-Hex Flange, Heavy (M5X0.8X16)				
❻6	M-545016-S	3	Screw-HHFTF (M5X0.8X16)				
❼7	M-545020-S	4	Screw-HHFTF (M5X0.8X20)				
❽8	24 146 16-S	1	Plate-Backing, No. 2 Side				
❾9	M-645016-S	6	Screw-HHFTF (M6X1.0X16)				
❿10	24 063 20-S	1	Baffle-Cylinder Barrel, No. 2 Side				
❿11	24 063 17-S	1	Baffle-Valley (No. 2 Side)				
❿12	M-545010-S	2	Screw-HHFTF (M5X0.8X10)				
❿13	24 063 59-S	1	Baffle-Valley (No. 1 Side)				
❿14	24 063 58-S	1	Baffle-Barrel, Cylinder (No. 1 Side)				
❿15	24 146 20-S	1	Plate-Backing (No. 1 Side)				
❿16	M-639010-S	4	Screw-HF				
❿❶17	24 063 13-S	1	Baffle-Ducted Air, #1 Side				
❿❶18	24 126 04-S	2	Bracket-Support				
❿❶19	24 063 12-S	1	Baffle-Ducted Air, #1 Side				
❿❶❶	24 113 12-S	1	Decal				



Starting System

Kohler CH20S-64647

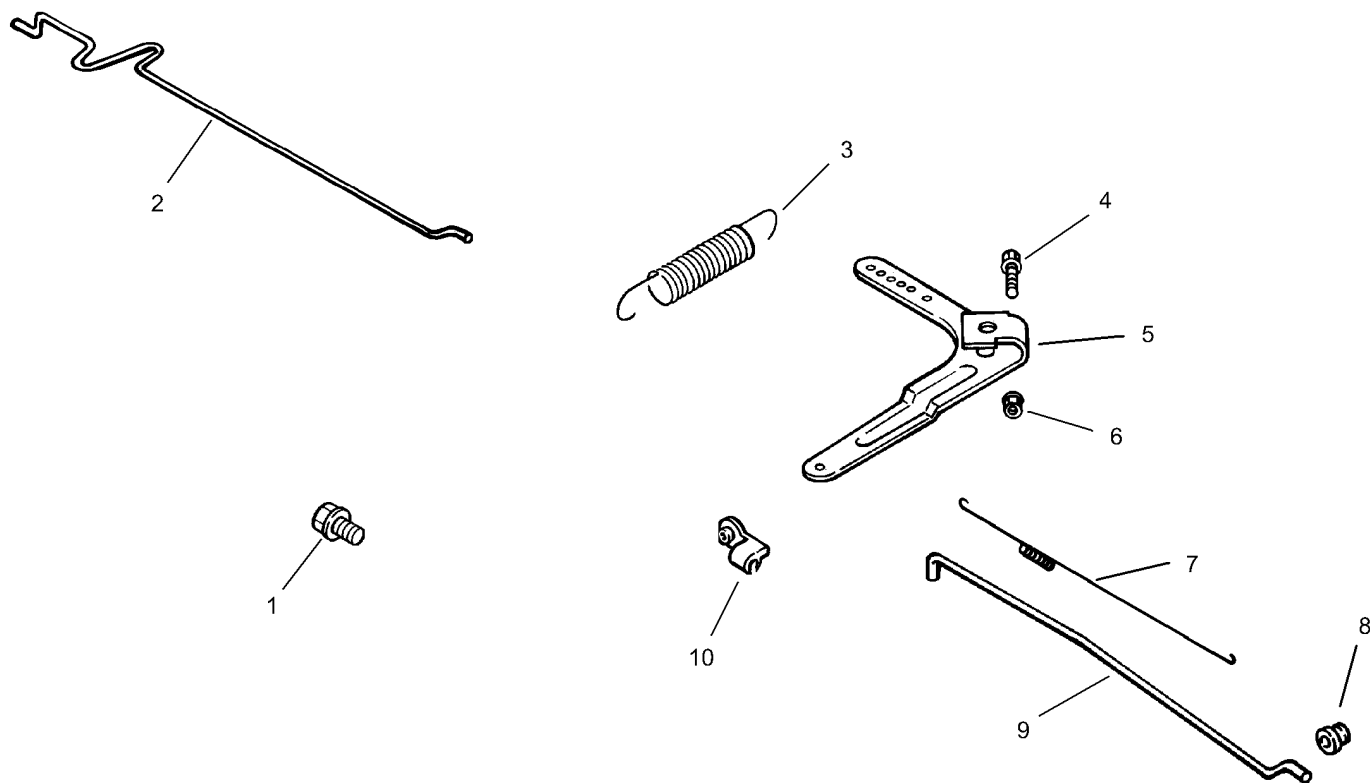
Ref	Part No.	Qty.	Description
❸1	M-841080-S	1	Nut-Hex, Flange (M8X1.25)
❸2	M-839080-S	2	Screw-Hex, Flange (M8X1.25X70)
❸3	24 098 09-S	1	Starter, Solenoid Shift ASM (Incl. Ref. #4-18)
❸4	25 086 113-S	3	Screw-Torx Head, External
❸5	25 435 05-S	4	Kit, Solenoid (Incl. Ref. #4)
❸6	25 755 33-S	7	Kit, Pinion Drive (Incl. Ref. #7)
❸7	25 141 05-S	1	Ring-Retaining
❸8	25 221 01-S	1	Brush Kit



Fuel System Assembly
Kohler CH20S-64647

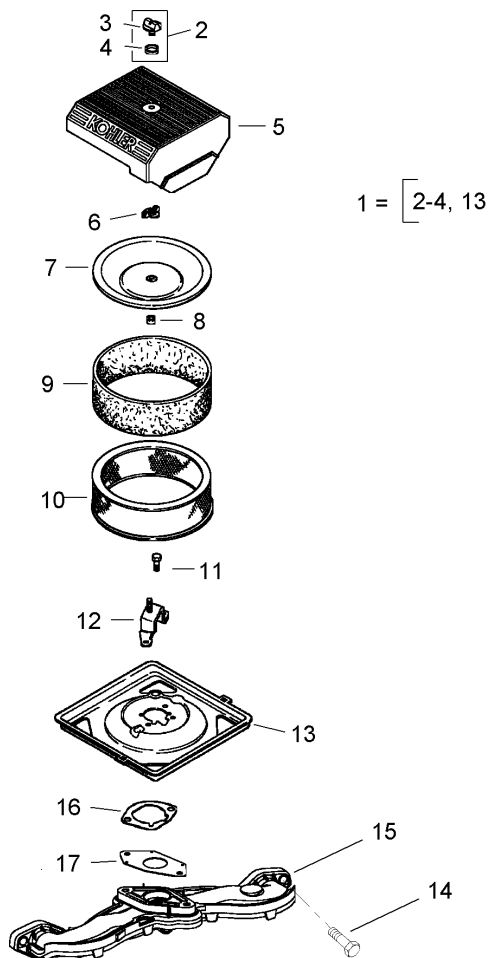
Ref	Part No.	Qty.	Description
❶	25 353 32-S	1	Line-Fuel
❷	25 237 14-S	6	Clamp-Hose
❸	24 853 33-S	1	Kit, Carburetor W/Gasket (Incl. Ref. #4-6)
❹	24 041 06-S	1	Gasket-Base, Air Cleaner
❺		1	Carburetor Assembly (Incl. Ref. #24 75701-S, 24 757 02-S, 24 757 03-S, 24 757 07-S, 24 757 08-S & 24 757 09-S)2405333 (For Information Only Not Available Separately)
❻	24 041 17-S	1	Gasket-Carburetor
❼	M-651030-S	2	Screw-Hex Flange (M6X1.0X30)
❽	24 050 02-S	1	Filter-Fuel
❾	25 353 15-S	1	Line-Fuel, 3-1/2"
❿	24 353 02-S	1	Line-Fuel (15.5)
⓫	24 100 01-S	2	Nut-Plastic
⓬	24 393 16-S	1	Pump-Pulse, Fuel
⓭	24 086 12-S	2	Screw-Hex Cap (M6X1.7X18)
⓮	24 755 125-S	1	High Altitude Kit
⓯	24 757 01-S	1	Solenoid Repair Kit
⓰	24 757 02-S	1	Float Repair Kit
⓱	24 757 03-S	1	Carburetor Repair Kit
⓲	24 757 07-S	1	Choke Repair Kit
⓳	24 757 08-S	1	Acc Pump Repair Kit

Ref	Part No.	Qty.	Description
⓮	24 757 09-S	1	Acc Pump Seal Repair Kit



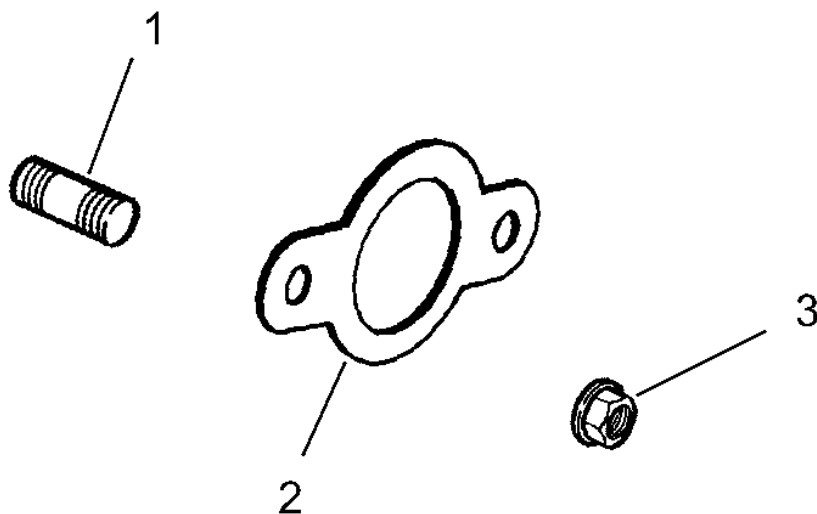
Engine Control Kohler CH20S-64647

Ref	Part No.	Qty.	Description				
③1	M-645016-S	4	Screw-HHFTF (M6X1.0X16)				
③2	24 079 21-S	1	Linkage-Choke				
③3	24 089 15-S	1	Spring-Governor				
③4	24 211 03-S	1	Bolt-Rd HD Sq Neck (M6X1.0X25)				
③5	24 090 33-S	1	Lever-Governor				
③6	M-641060-S	1	Nut-Hex, Flange (M6X1.0)				
③7	24 089 01-S	1	Spring-Linkage				
③8	25 158 08-S	1	Bushing-Retaining, Linkage				
③9	24 079 01-S	1	Linkage-Throttle				
③10	25 158 11-S	1	Bushing-Linkage, Throttle				
①③	25 454 03-S	1	Tie-Wire				



Air Intake / Filtration Assembly
Kohler CH20S-64647

Ref	Part No.	Qty.	Description				
1	24 743 05-S	1	Kit, Air Cleaner Cover (Incl. Ref. #2-5, 12)				
2	54 755 01-S	1	Kit, Knob With Seal (Incl. Ref. #3, 4)				
3	25 341 03-S	1	Knob-Cover				
4	24 153 20-S	1	Seal				
5	24 096 67-S	1	Cover-Cleaner, Air				
6	12 100 01-S	1	Nut-Wing				
7	24 096 01-S	1	Cover-Air Cleaner, Inner				
8	24 032 03-S	1	Seal-Inner Air Cleaner				
9	24 083 02-S	1	Element, Precleaner				
10	47 083 03-S	1	Element, Air Cleaner				
11	M-639016-S	3	Screw-HF (M6X1.0X16)				
12	24 126 21-S	1	Bracket-Base, Air Cleaner				
13	24 094 24-S	1	Base, Air Cleaner				
14	25 086 84-S	4	Screw-HF (M6X1.0X55)				
15	24 164 14-S	1	Manifold-Intake				
16	24 041 01-S	2	Gasket-Manifold, Intake				
17	24 041 06-S	1	Gasket-Base, Air Cleaner				



Exhaust Assembly Kohler CH20S-64647

Ref	Part No.	Qty.	Description				
③1	25 072 04-S	4	Stud (M8X1.25X33)				
③2	24 041 49-S	2	Gasket-Manifold, Exhaust				
③3	M-841080-S	4	Nut-Hex, Flange (M8X1.25)				
①③	24522295	1	Short Block ASM				
①③	2478215	1	Miniblock				
①③	24 755 107-S	1	Gasket Set				

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