



Count on it.

Parts Catalog

Workman® HDX-D Utility Vehicle with Bed

Model No. 07368—Serial No. 311000501 and Up



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 illustration and in parts 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.

Contents

Hood and Bumper Assembly	5
Dash Assembly	6
Pedal Assembly	8
Master Cylinder Assembly No. 104-6782	9
Hydraulic Brake Line Assembly	10
Clutch Linkage Assembly	11
Shroud and Seat Assembly	12
Console Assembly	14
Shift Assembly No. 106-7887	16
Steering Hydraulic Assembly	17
Steering Valve Assembly No. 115-7926	18
Lift Valve and Hydraulic Assembly	19
Control Valve Assembly No. 43-1950	21
Hydraulic Cylinder Assembly No. 106-7939	22
Front Wheel Assembly	23
Brake Caliper Assembly No. 119-9535	24
Hydraulic Cylinder Assembly No. 112-3217	25
Steering Linkage Assembly	26
Front Suspension Assembly	27
Front Control Arm Assembly	28
Rear Frame Assembly	29
Rear Axle Assembly	30
Driveshaft Assembly No. 114-8367	31
Transaxle Assembly	32
Case Assembly Transaxle Assembly No. 115-7783	33
Center Plate Assembly Transaxle Assembly No. 115-7783	34
Main Shaft Assembly Transaxle Assembly No. 115-7783	35
Reduction Shaft Assembly Transaxle Assembly No. 115-7783	36
Reverse Shaft Assembly Transaxle Assembly No. 115-7783	37
Main Shift Assembly Transaxle Assembly No. 115-7783	38
Hi-Lo Shift Assembly Transaxle Assembly No. 115-7783	39
Countershaft Assembly Transaxle Assembly No. 115-7783	40
Differential Gear Assembly Transaxle Assembly No. 115-7783	41
Differential Carrier Assembly Transaxle Assembly No. 115-7783	42
Differential Lock Assembly Transaxle Assembly No. 115-7783	43
Axle Shaft Assembly Transaxle Assembly No. 115-7783	44
Battery Assembly	45
Tail Light and Fender Assembly	46
Roll-Over Protection System Assembly	47
Air Cleaner Assembly	48
Air Cleaner Assembly No. 106-2416	49
Cooling System Assembly	50
Radiator Assembly	51
Engine Support Assembly	52
Hydraulic Gear Pump Assembly No. 114-8302	53
Relay Assembly	54
Engine Assembly	55
Fuel System Assembly	56
Full Bed and Side Panel Assembly	57
Cylinder Assembly	58
Crankshaft Assembly	59
Cylinder Head Assembly	60
Injection Pump Assembly	61
Camshaft Assembly	62

Contents (continued)

Oil Pan Assembly 63

Gear Cover Assembly 64

Gear Housing Assembly 65

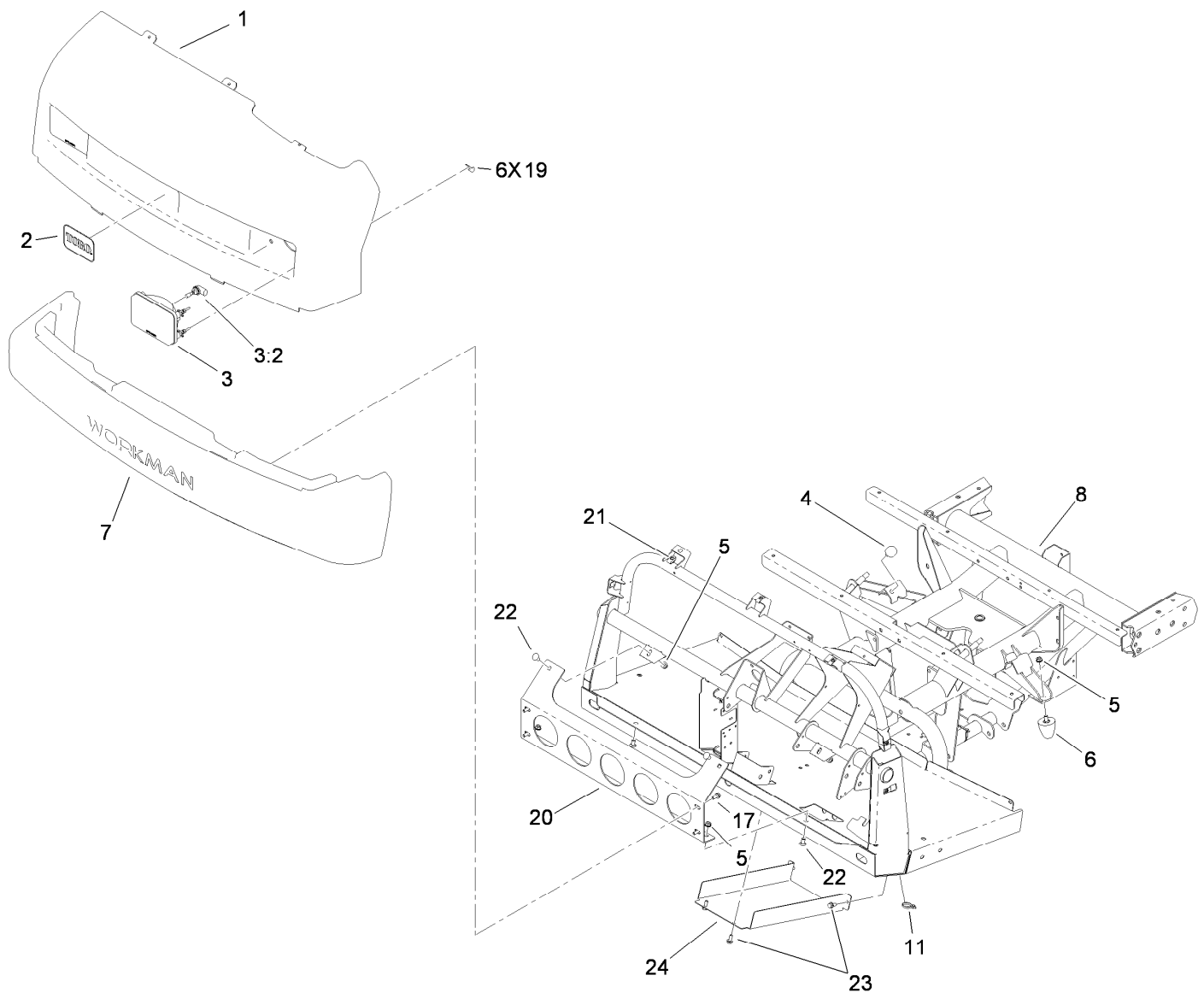
Water Pump Assembly 66

Manifold Assembly 67

Starter Motor and Alternator Assembly 68

Engine Gasket Set 69

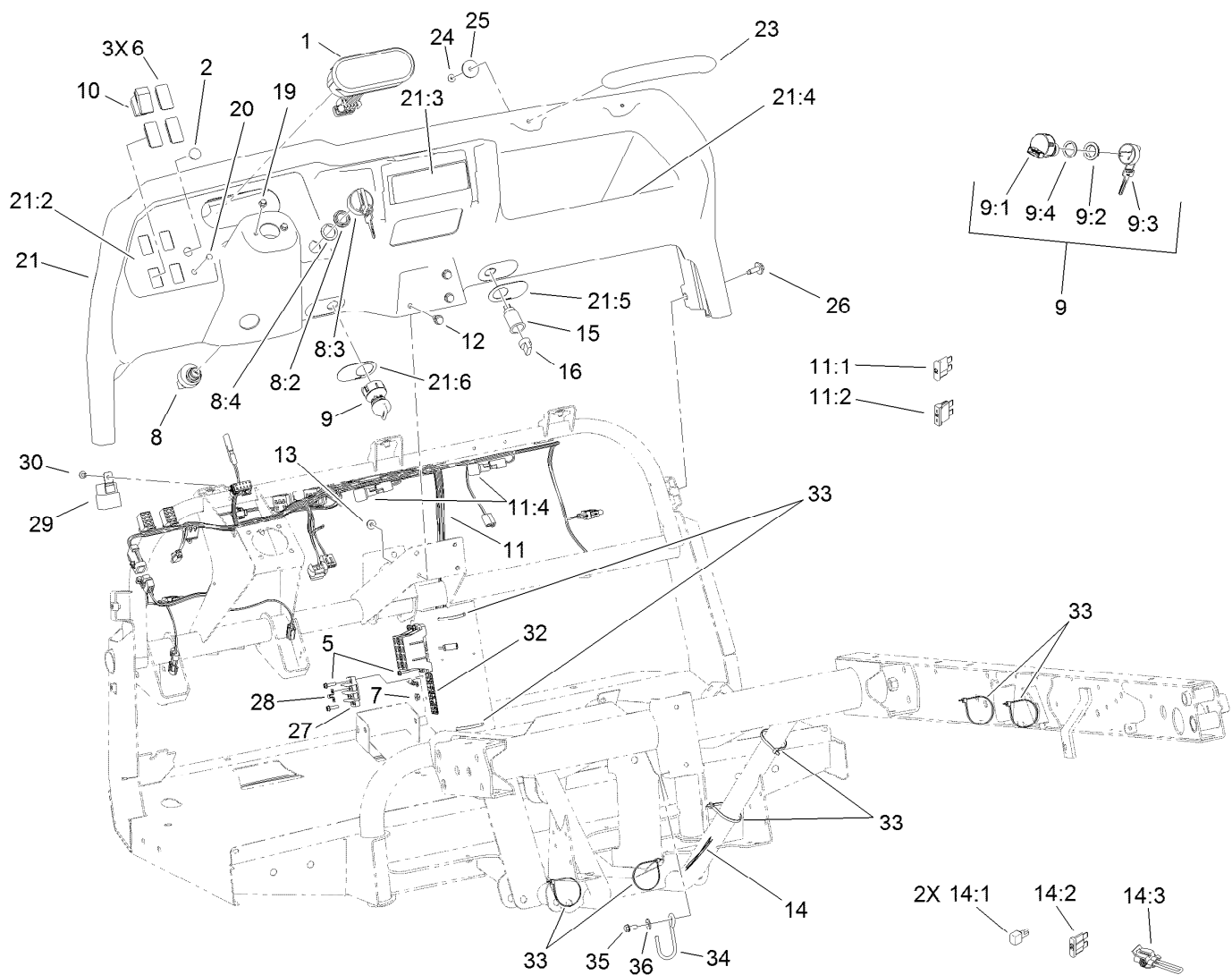
Attachments and Accessories 70



Hood and Bumper Assembly

Ref.	Part Number	Qty.	Description
1	112-3183	1	Hood
2	117-4950	1	Decal
3	114-8322	2	Headlight ASM
3:2	115-2395	1	Bulb-Light
4	87-2440	2	Bumper-Rubber
5	3290-357	6	Nut-HSF
6	26-0071	2	Snubber-Rubber
7	112-3185	1	Bumper
8	119-0949-03	1	Frame-Front

Ref.	Part Number	Qty.	Description
11	3290-379	1	Tie-Cable
17	3234-5	4	Screw-HHF
19	114-8341	6	Clip-Speed
20	114-8272-03	1	Bracket-Bumper
21	94-2413	7	Nut-U
22	3231-21	4	Screw-CARR
23	32144-11	4	Screw-HWH
24	106-2427-03	1	Cover

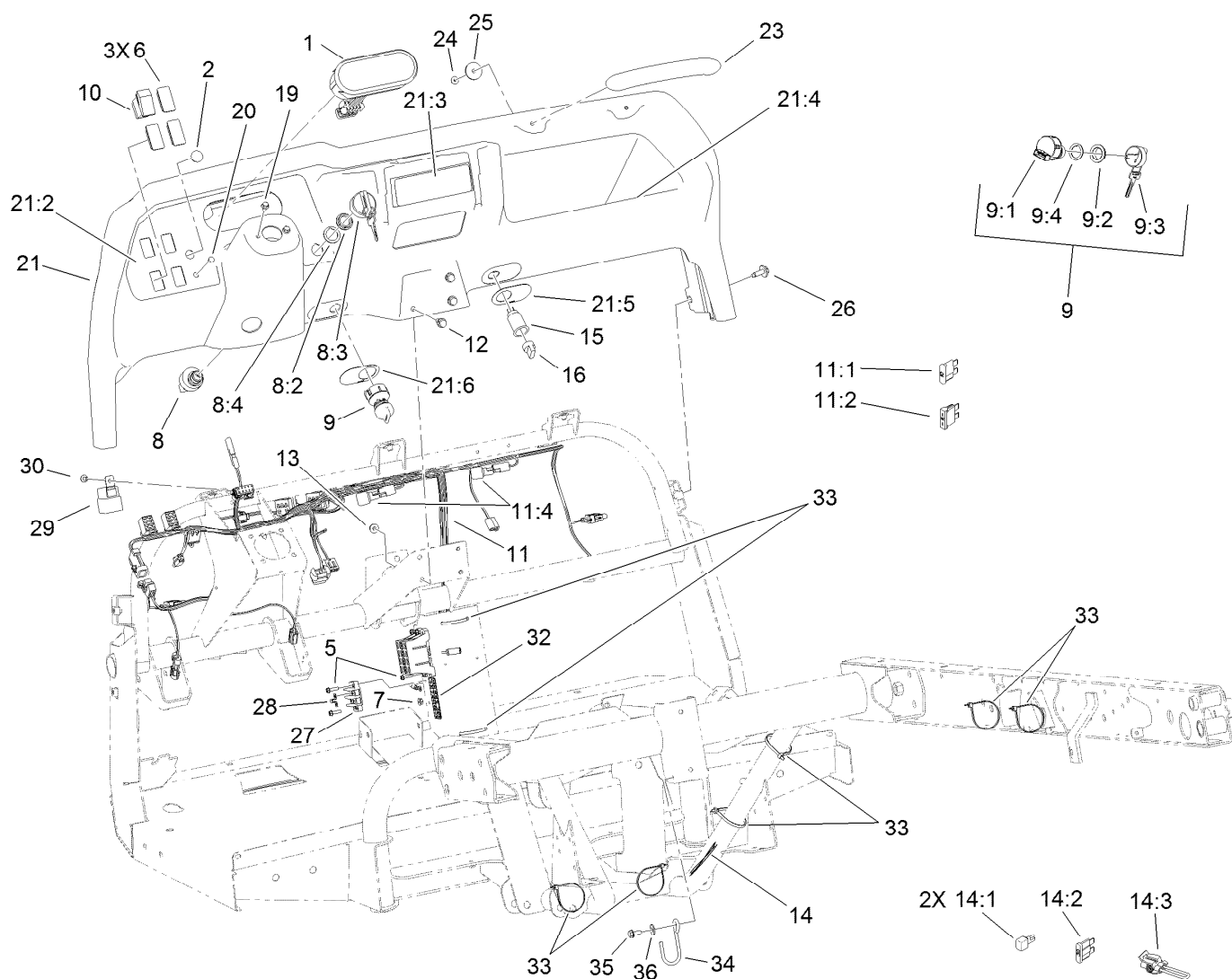


Dash Assembly

Ref.	Part Number	Qty.	Description
1	120-4801	1	Cluster-Instrument (L/C)
2	94-5627	1	Plug
5	32105-13	6	Screw-HWH
6	99-7420	3	Plug-Hole
7	3290-148	6	Nut-HF
8	106-5269	1	Ignition Switch ASM
8:2	108-8660	1	Nut-Mounting
8:3	106-5270	1	Ignition Key Set
8:4	108-8659	1	Washer-Backup
9	110-2580	1	Switch-Key, Supervisor
9:1		1	Switch-Key ●
9:2	108-8660	1	Nut-Mounting
9:3	110-5221	1	Set-Key, Supervisor
9:4	108-8659	1	Washer-Backup
10	95-8999	1	Switch-Rocker, On-None-On
11	117-4998	1	Harness-Wire, Front
11:1	218-578	5	Fuse-Blade, 10 Amp

Ref.	Part Number	Qty.	Description
11:2	109355	2	Fuse-Blade, 15 Amp
11:4	100-4918	2	Diode
12	3234-5	3	Screw-HHF
13	104-8300	3	Nut-HF, NI
14	114-8378	1	Harness-Wire, Rear
14:1	100-4918	2	Diode
14:2	109103	1	Fuse-Blade, 30 Amp
14:3	119-7787	1	Harness-Wire, Vertical Lift Shunt
15	99-7411	1	Point-Power
16	99-7416	1	Cap
19	33103-012	2	Screw-HHF
20	104-9368	1	Plug-Dome
21	115-7912	1	Dash ASM
21:2	115-2281	1	Decal-Dash
21:3	115-7746	1	Decal-Danger
21:4	115-2282	1	Decal-Warning, Dash
21:5	106-2353	1	Decal-Powerpoint

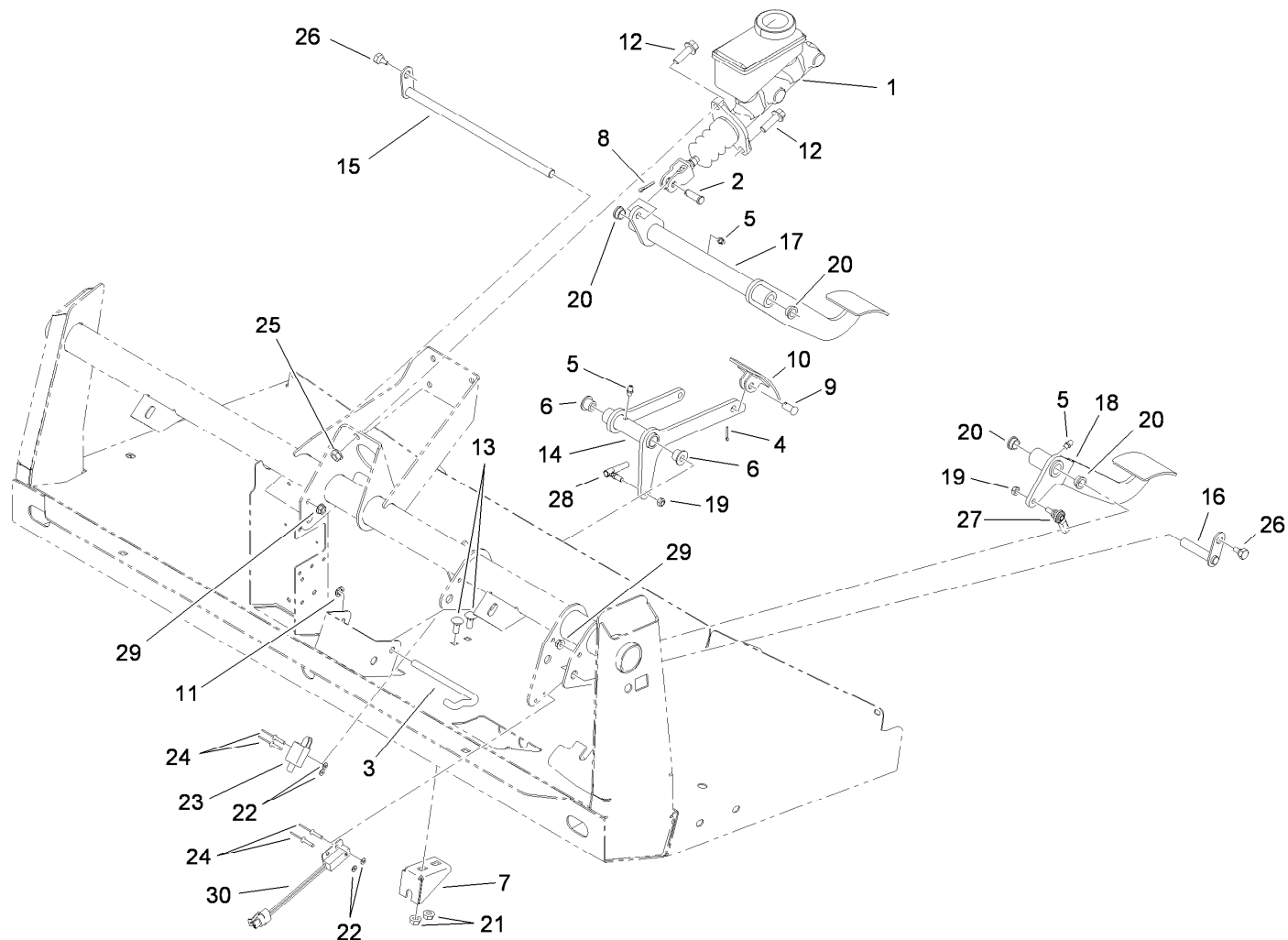
● Not serviced separately



Dash Assembly (continued)

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
21:6	106-2355	1	Decal-Switch, Supervisor	29	99-7430	1	Relay-Mini
23	117-4948	1	Handle-Grab	30	32144-10	1	Screw-HWH
24	104-7201	2	Nut-HF, NI	32	115-7813	1	Decal-Fuse
25	103995	2	Washer	33	3290-379	8	Tie-Cable
26	114-8418	7	Screw-HWH, Sems	34	117-4860	1	Guide-Cable
27	42862	1	Block-Terminal, Ground	35	32144-11	1	Screw-HWH
28	42863	1	Strip-Jumper	36	3256-71	1	Washer-Flat

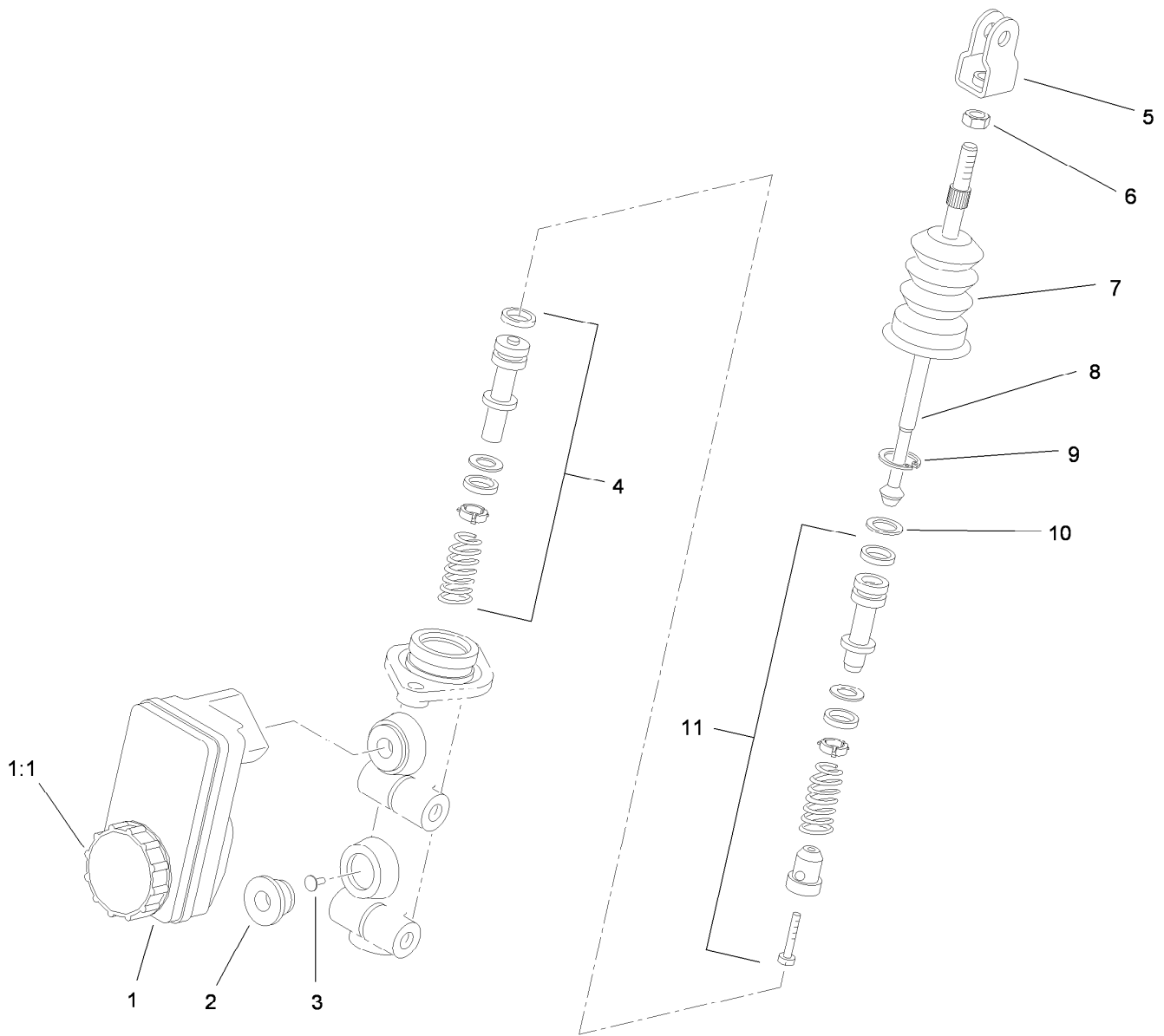
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Pedal Assembly

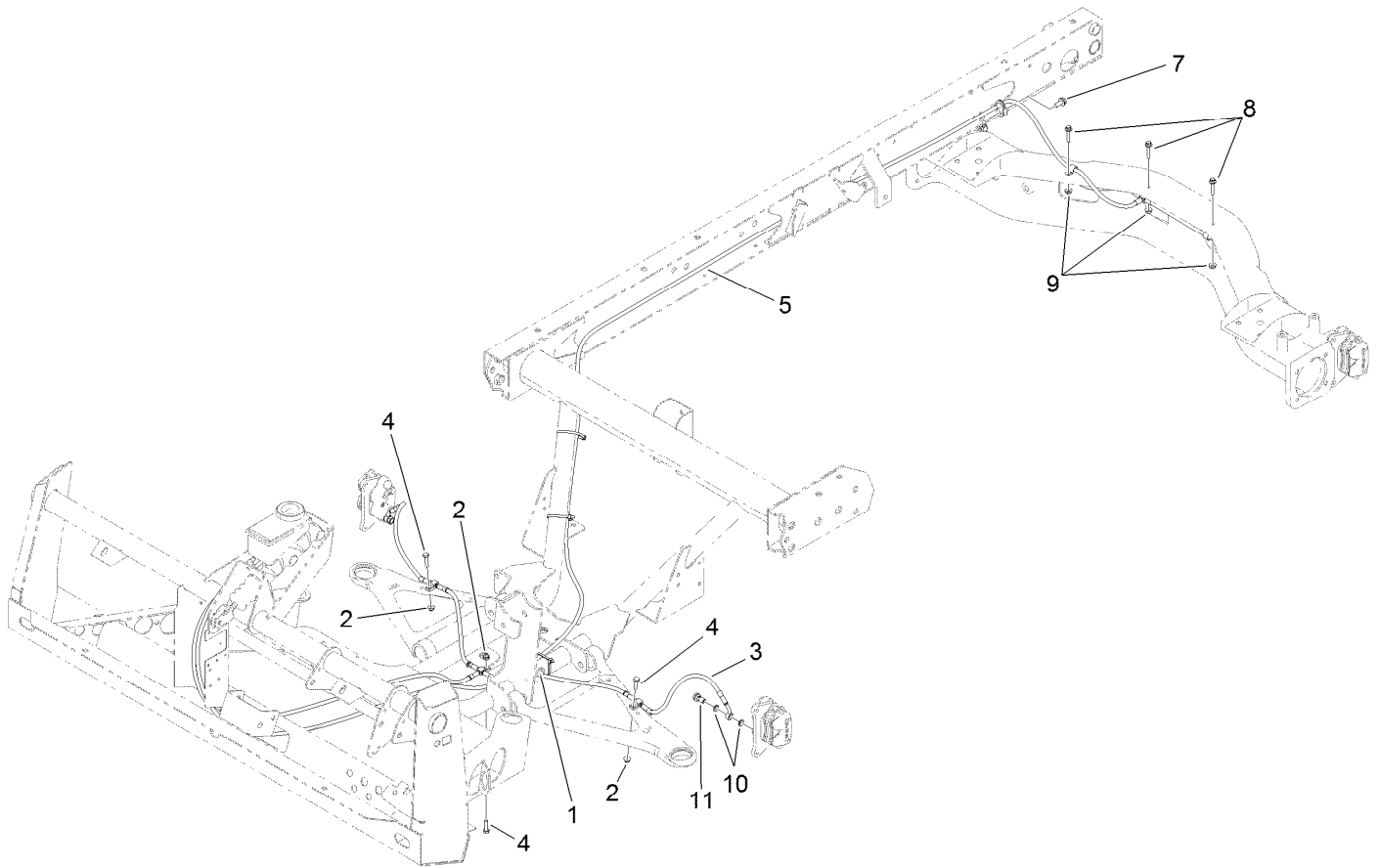
Ref.	Part Number	Qty.	Description
1	104-6782	1	Master Cylinder ASM
2	283-2	1	Pin-Clevis
3	87-2880	1	Shaft-Pedal, Accelerator
4	3272-6	1	Pin-Cotter
5	302-5	3	Fitting-Grease
6	256-259	2	Bushing-Flange
7	106-2421	1	Bracket-Mount, Cable
8	3272-10	1	Pin-Cotter
9	283-85	1	Pin-Clevis
10	93-8969-03	1	Pedal
11	32151-56	1	Ring-Retaining, External
12	3234-11	2	Screw-HHF
13	3230-1	2	Bolt-CARR
14	106-2471-03	1	Arm-Pedal, Accelerator
15	106-2475	1	Shaft-Brake

Ref.	Part Number	Qty.	Description
16	115-2269	1	Pin-Pivot
17	115-2275-03	1	Pedal-Brake
18	115-2271-03	1	Pedal-Clutch
19	3296-13	2	Nut-Lock, NI
20	256-156	4	Bushing-Flange
21	32128-20	2	Nut-HF
22	3256-21	4	Washer-Flat
23	95-1653	1	Switch-Pole, Single
24	3269-25	4	Rivet-Pop
25	3290-357	2	Nut-HSF
26	63-3410	2	Screw-Shoulder
27	110-2554	1	Rod End-Spherical
28	18-1720	1	Ball Joint
29	32128-33	2	Nut-HF
30	105-0023	1	Switch-Proximity



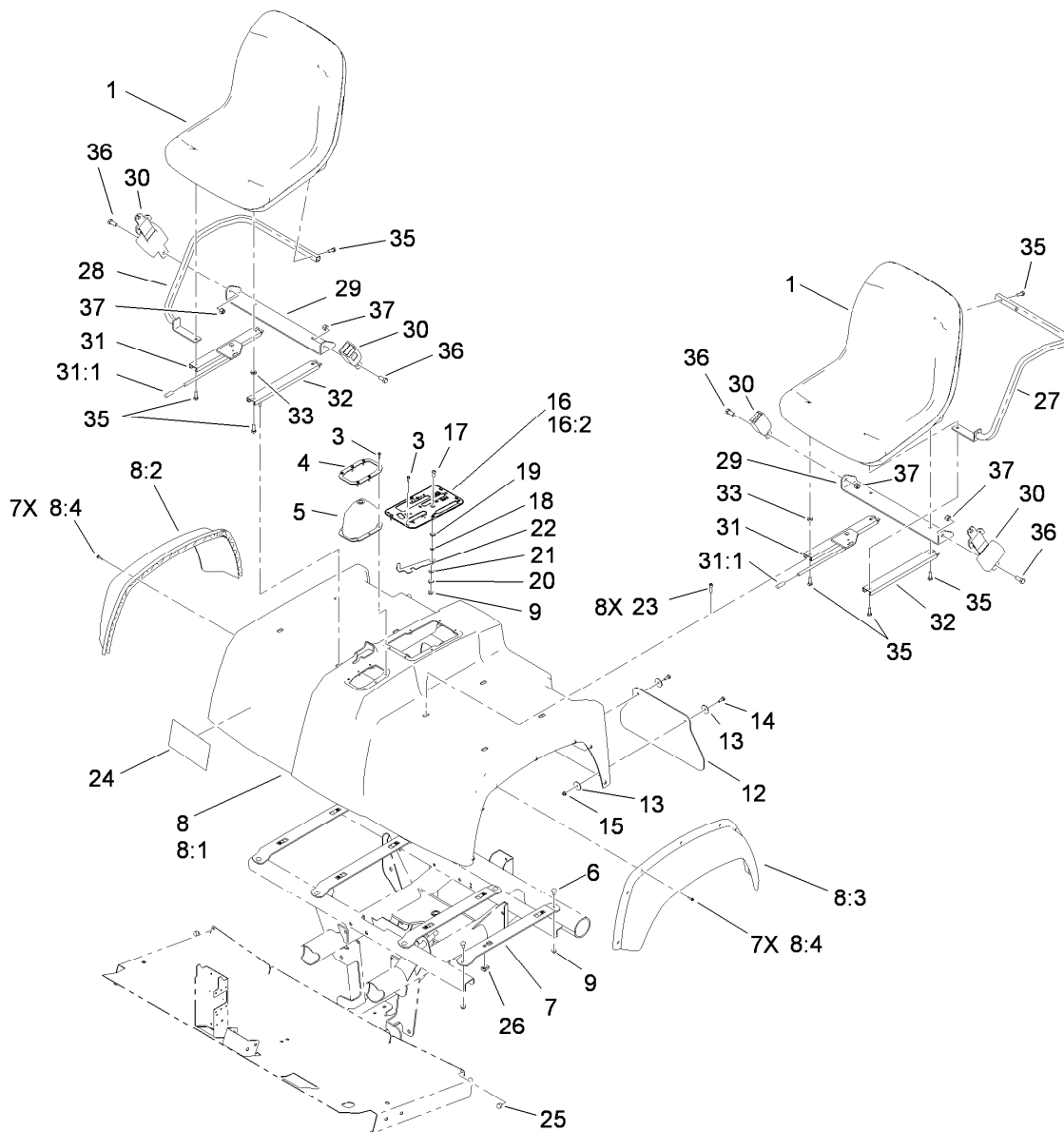
Master Cylinder Assembly No. 104-6782

Ref.	Part Number	Qty.	Description
1	104-6845	1	Reservoir ASM
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



Hydraulic Brake Line Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	32180-030	2	Clip-Tie
2	104-7201	3	Nut-HF, NI
3	119-9682	1	Front Brake Line ASM
4	321-6	3	Screw-HH
5	119-9681	1	Rear Brake Line ASM
7	32144-11	1	Screw-HWH
8	3234-21	3	Screw-HHF
9	32128-33	3	Nut-HF
10	115-2341	8	Washer-Banjo
11	120-4875	4	Bolt-Flange, Banjo



Shroud and Seat Assembly

Ref.	Part Number	Qty.	Description
1	112-2923	2	Seat ASM
3	98-1375	12	Screw-HWH
4	87-3760-03	1	Plate-Boot, Shift
5	87-8620	1	Boot-Shift
6	3230-1	8	Bolt-CARR
7	115-2435-03	4	Bracket-Seat
8		1	Seat Base ASM ●
8:1	114-8406	1	Base-Seat
8:2	114-8407	1	Fender-Front, RH
8:3	114-8408	1	Fender-Front, LH
8:4	117-5036	14	Screw-Plastic, HWH
9	104-8300	9	Nut-HF, NI
12	106-2378	2	Mudflap
13	3256-55	8	Washer-Flat
14	3234-4	4	Screw-HHF
15	104-7201	4	Nut-HF, NI
16	106-7886	1	Control Plate ASM
16:2	106-2377	1	Decal-Console

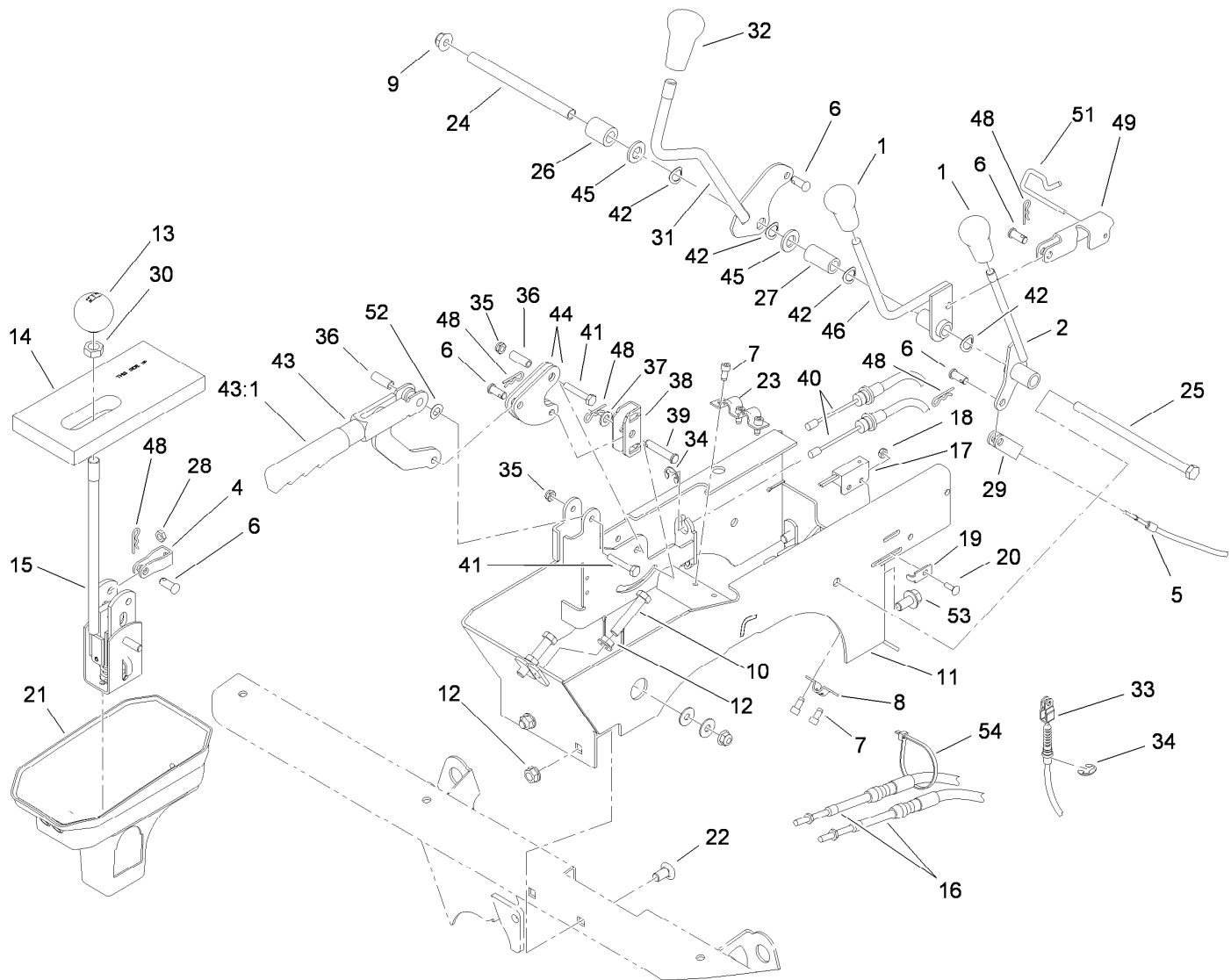
Ref.	Part Number	Qty.	Description
17	3274-55	1	Screw-HSBH
18	82-4240	1	Spacer-Bearing
19	94-8196	1	Washer-Nylon
20	3290-221	1	Washer-Spring
21	3256-23	1	Washer-Plain
22	106-7984	1	Lever-Detent
23	3274-22	8	Screw-HSH
24	115-7814	1	Decal-Reference, Quick
25	107-8042	2	Bumper-Rubber
26	115-7721	8	Nut-Clip, U
27	119-0731-03	1	Armrest-LH
28	119-0732-03	1	Armrest-RH
29	119-0727-03	2	Bracket-Belt, Seat
30	110-0413	2	Seatbelt-Retractable
31	119-0654	2	Adjuster-Seat, Locking
31:1	2410-49	1	Cap-Vinyl
32	119-0655	2	Adjuster-Seat, Non Locking
33	104-7658	2	Spacer

● Not serviced separately



<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
36	3212-4	4	Screw-HH
37	3296-7	4	Nut-Lock

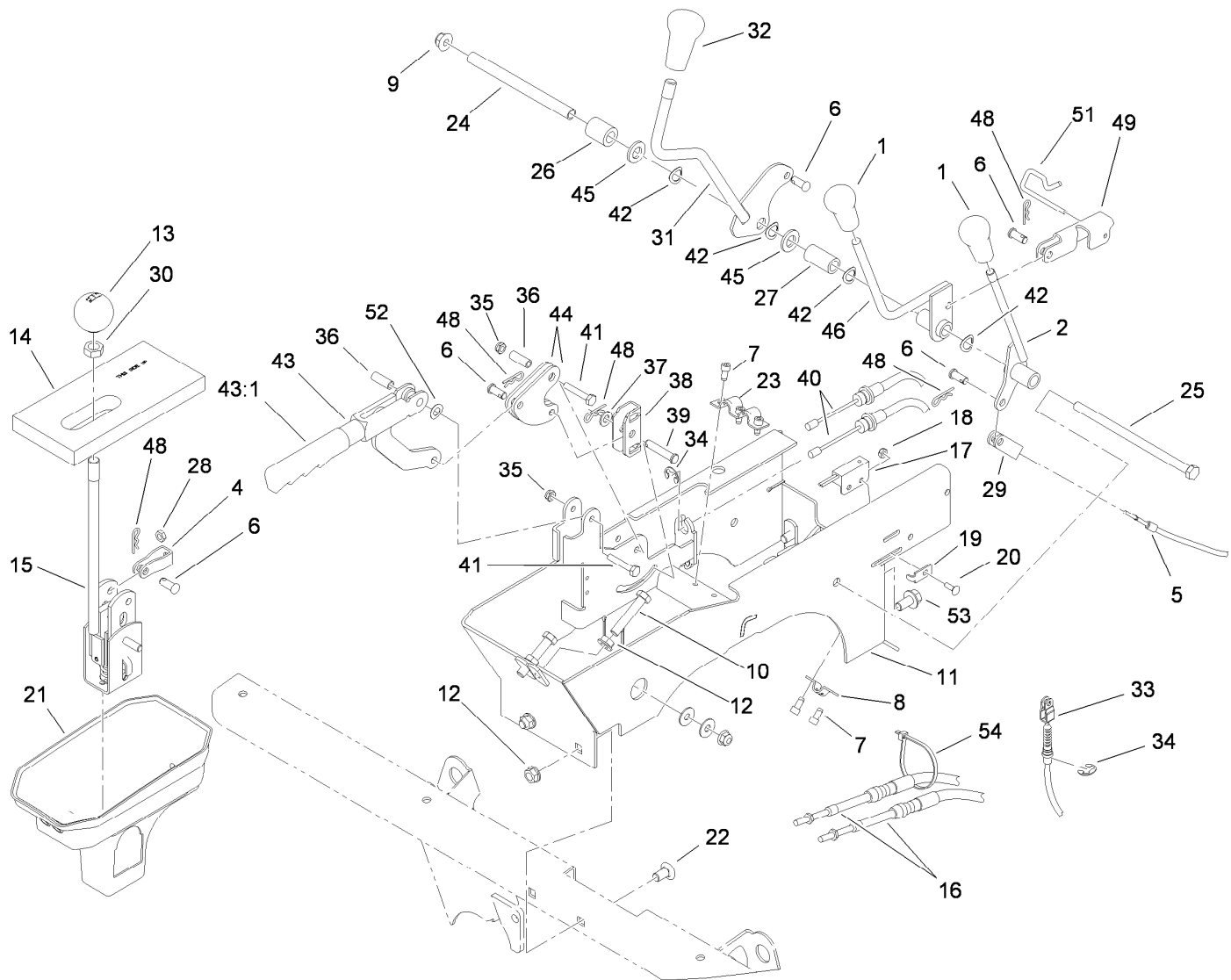
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Console Assembly

Ref.	Part Number	Qty.	Description
1	106-7903	2	Knob-Control
2	106-7828	1	Lever
4	87-2310	2	Clevis-Cable
5	115-7812	1	Cable-Hi Low
6	283-62	6	Pin-Clevis
7	65-5220	5	Screw-HSH, Thread Forming
8	87-4340	1	Clamp-Cable
9	104-8301	1	Nut-HF, NI
10	323-10	2	Screw-HH
11	108-6914-03	1	Support-Lever
12	3290-357	4	Nut-HSF
13	87-6720	1	Knob-Shift
14	87-6570	1	Seal-Boot, Lower
15	106-7887	1	Shift ASM
16	115-7811	2	Cable-Selector, Gear
17	100-1270	1	Switch-Proximity
18	3296-12	1	Nut-Lock, NI
19	100-4872	1	Plate-Switch, Neutral
20	3229-34	1	Screw-CARR
21	106-2376	1	Boot-Shift, Lower

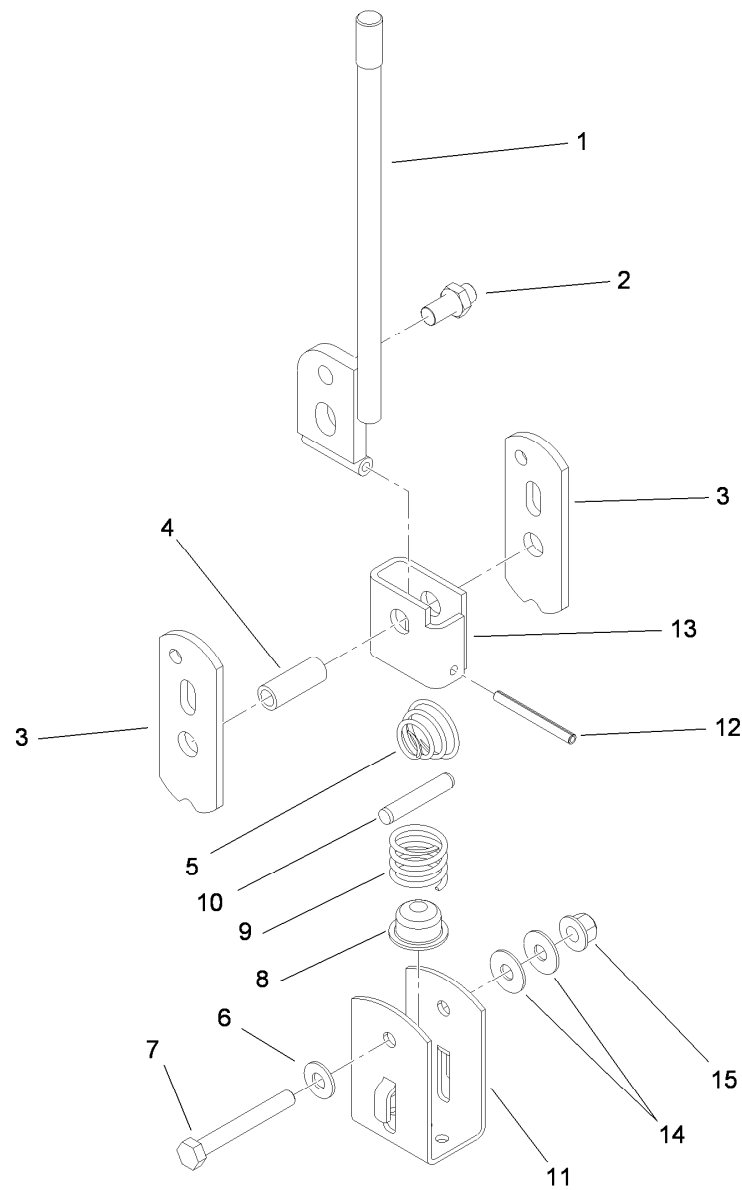
Ref.	Part Number	Qty.	Description
22	3231-21	2	Screw-CARR
23	87-4960	1	Clamp-Cable
24	106-7833	1	Spacer
25	323-36	1	Screw-HH
26	66-6501	1	Spacer-Wheel
27	106-7835	1	Spacer
28	3220-1	2	Nut-Jam
29	87-7160	1	Clevis-Cable
30	3218-18	1	Nut-Jam
31	112-3008	1	Lever-Lock, Differential
32	106-7952	1	Knob
33	115-2287	1	Cable-Lock, Differential
34	32120-47	3	Ring-Retaining, External
35	3296-56	2	Nut-Lock, NI
36	114402	2	Spacer
37	3256-23	1	Washer-Plain
38	87-3480	1	Bracket-Equalizer, Cable
39	94-3829	1	Pin-Clevis
40	115-2283	2	Cable-Brake, Park
41	321-9	2	Screw-HH
42	3290-221	4	Washer-Spring



Console Assembly (continued)

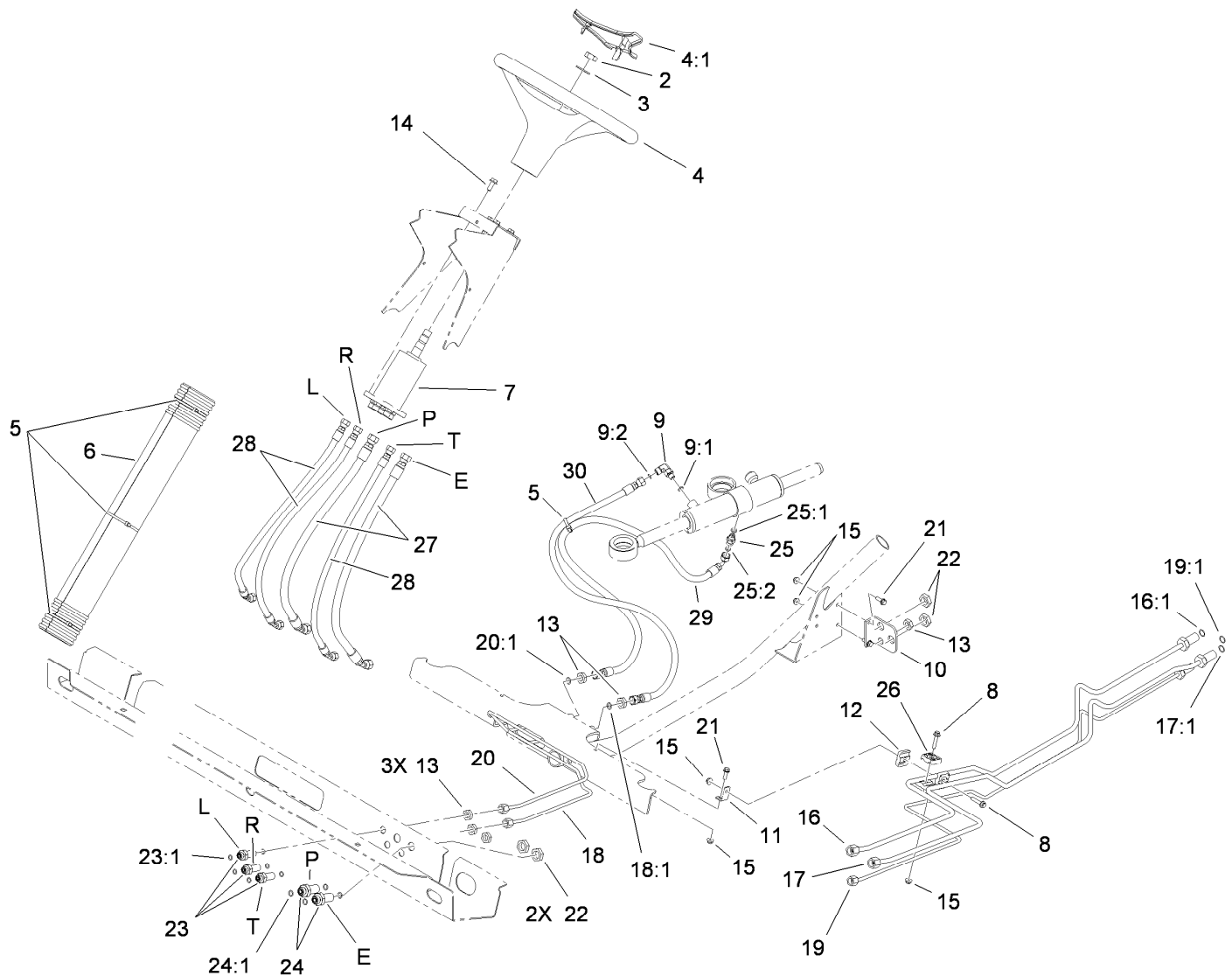
Ref.	Part Number	Qty.	Description
43	104-6842	1	Lever-Brake, Park
43:1	106-7972	1	Grip-Handle
44	106-7814	2	Bellcrank
45	33096-00	2	Washer-Flat
46	106-7960	1	Lever-HYD
48	3290-307	7	Pin-Cotter

Ref.	Part Number	Qty.	Description
49	115-2250	1	Link
51	115-2350	1	Pin-Retainer
52	3290-477	1	Washer-Curved
53	3234-12	2	Screw-HHF
54	3290-379	3	Tie-Cable



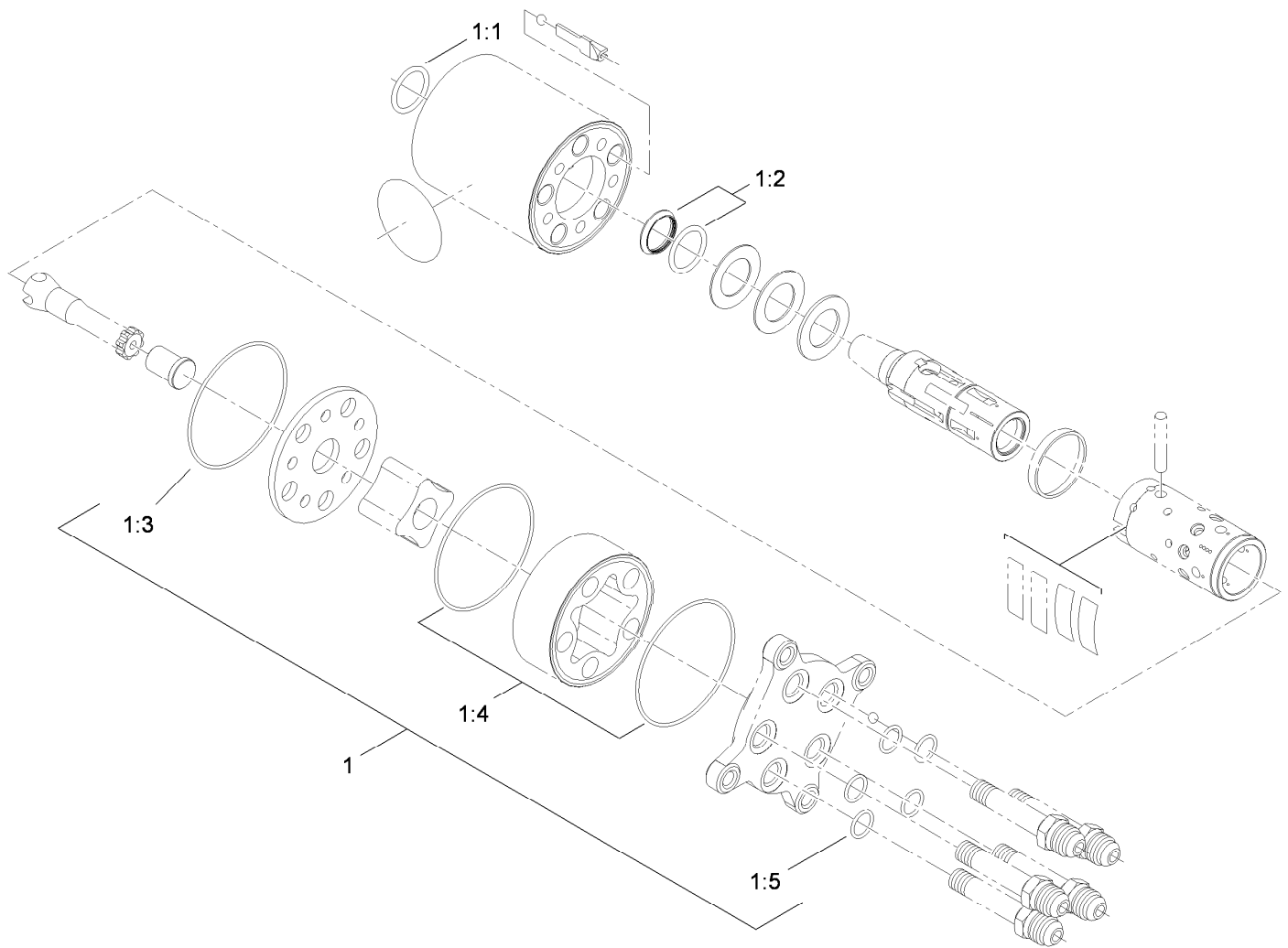
Shift Assembly No. 106-7887

Ref.	Part Number	Qty.	Description
1	87-2040	1	Lever-Shift
2	87-3650	1	Pin-Shift
3	87-3540	2	Link-Shift
4	87-2520	1	Tube-Pivot
5	87-2900	1	Spring-Compression
6	87-8640	1	Washer-Flat
7	322-12	1	Screw-HH
8	87-3530	1	Button-Shifter
9	87-3660	1	Spring-Compression
10	3290-507	1	Pin-Dowel
11	87-3520	1	Clevis
12	32121-48	1	Pin-Spring
13	87-6040	1	Bracket-Shifter
14	3290-456	2	Washer-Belleville
15	104-8300	1	Nut-HF, NI



Steering Hydraulic Assembly

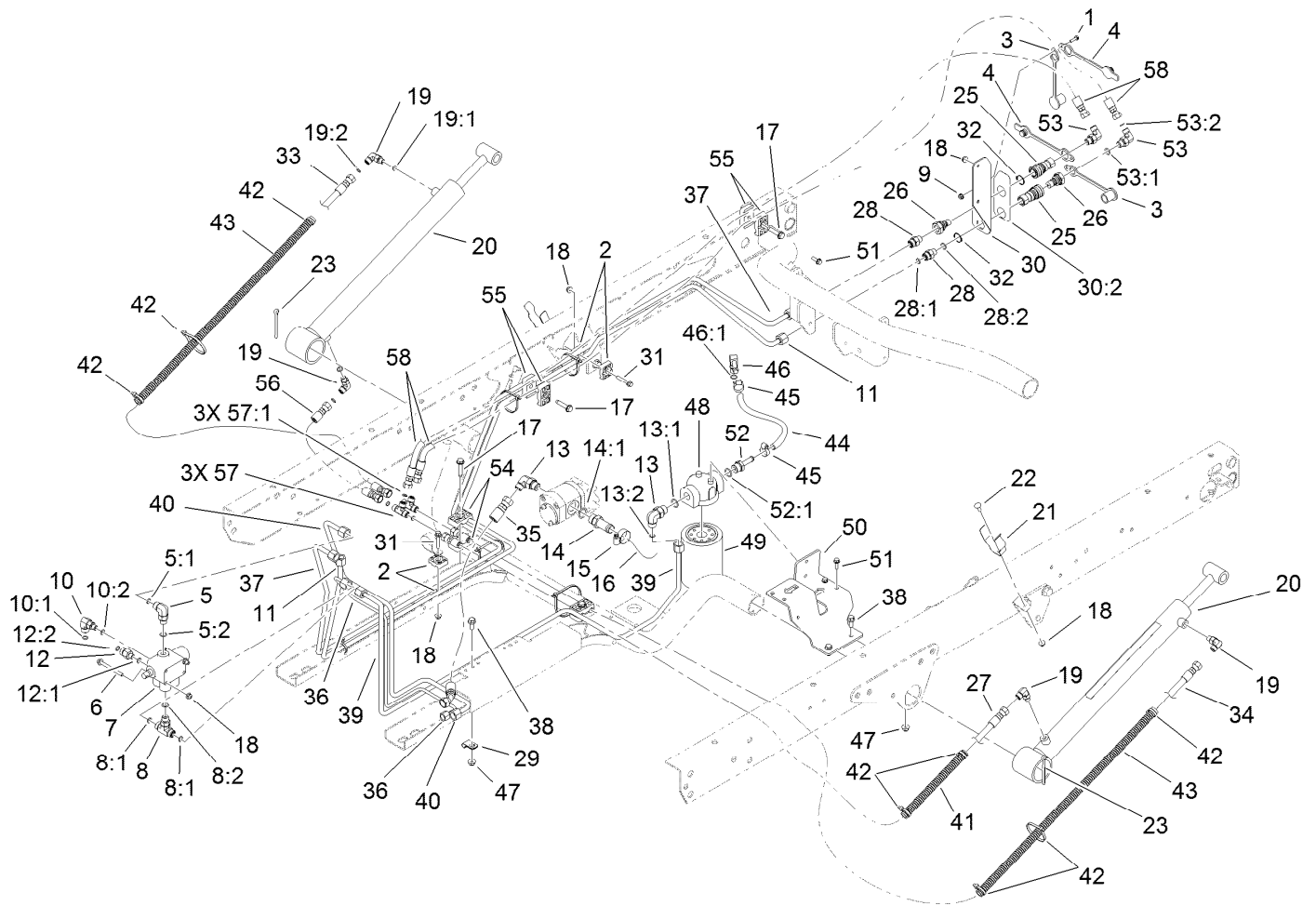
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
2	3296-33	1	Nut-Lock, NI	18	106-7804	1	Tube-HYD
3	3256-27	1	Washer-Flat	18:1	237-21	1	O-Ring
4	98-1471	1	Wheel-Steering	19	115-7703	1	Tube-HYD
4:1	98-1468	1	Cover-Wheel, Steering	19:1	237-21	1	O-Ring
5	3290-379	4	Tie-Cable	20	106-7806	1	Tube-HYD
6	106-6713	1	Cover-Lines, Steering	20:1	237-21	1	O-Ring
7	115-7926	1	Pump-Steering	21	3234-4	3	Screw-HHF
8	3234-21	2	Screw-HHF	22	340-70	4	Nut-Lock
9	340-132	1	Fitting-Elbow, 90 DEG	23	94-1444	3	Union-Bulkhead
9:1	237-78	1	O-Ring	23:1	237-21	2	O-Ring
9:2	237-21	1	O-Ring	24	340-71	2	Fitting-Straight, Bulkhead
10	106-7801-03	1	Bracket-Line, Steering	24:1	237-22	2	O-Ring
11	106-7807	1	Bracket-Line, Steering	25	340-92	1	Fitting-Straight
12	106-7839	2	Clamp-Tube	25:1	237-78	1	O-Ring
13	3219-10	6	Nut-Hex	25:2	237-21	1	O-Ring
14	98-7977	4	Screw-HHF	26	56-7973	2	Clamp-Tube
15	104-7201	5	Nut-HF, NI	27	106-7975	2	Hose-HYD
16	115-7701	1	Tube-HYD	28	106-7974	3	Hose-HYD
16:1	237-22	1	O-Ring	29	117-4861	1	Hose-HYD
17	115-7702	1	Tube-HYD	30	108-6505	1	Hose-HYD
17:1	237-22	1	O-Ring				



Steering Valve Assembly No. 115-7926

Ref.	Part Number	Qty.	Description
1	106-6716	1	Seal Kit
1:1		1	Ring-Seal, Dust ●
1:2		1	Seal-Shaft ●
1:3		1	Ring-Retaining ●
1:4		2	Ring-Retaining ●
1:5		5	Ring-Retaining ●

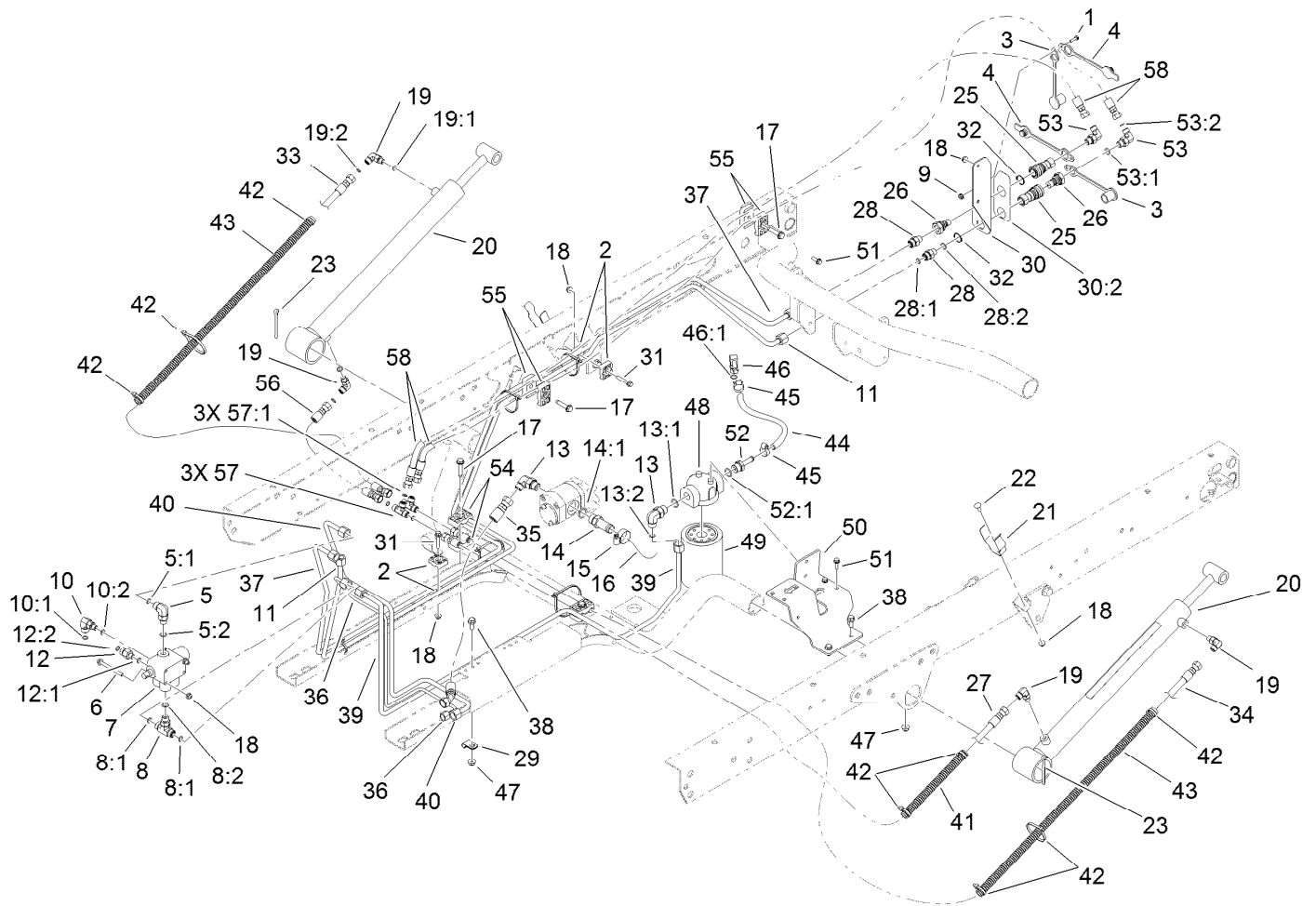
● Not serviced separately



Lift Valve and Hydraulic Assembly

Ref.	Part Number	Qty.	Description
1	32105-13	1	Screw-HWH
2	56-7973	4	Clamp-Tube
3	106-7881	2	Cap-Dust, HYD
4	106-7882	2	Plug-Dust, HYD
5	340-77	1	Fitting-Elbow, 90 DEG
5:1	237-22	1	O-Ring
5:2	237-42	1	O-Ring
6	114-8410	2	Screw-HHF
7	43-1950	1	HYD Control Valve ASM
8	340-94	1	Adapter
8:1	237-22	2	O-Ring
8:2	237-42	1	O-Ring
9	3290-148	1	Nut-HF
10	340-97	1	Fitting-Elbow, 90 DEG
10:1	237-22	1	O-Ring
10:2	237-78	1	O-Ring
11	115-2218	1	Tube-HYD
12	340-88	1	Fitting-Straight
12:1	237-22	1	O-Ring
12:2	237-78	1	O-Ring
13	340-18	2	Fitting-HYD, 90 DEG

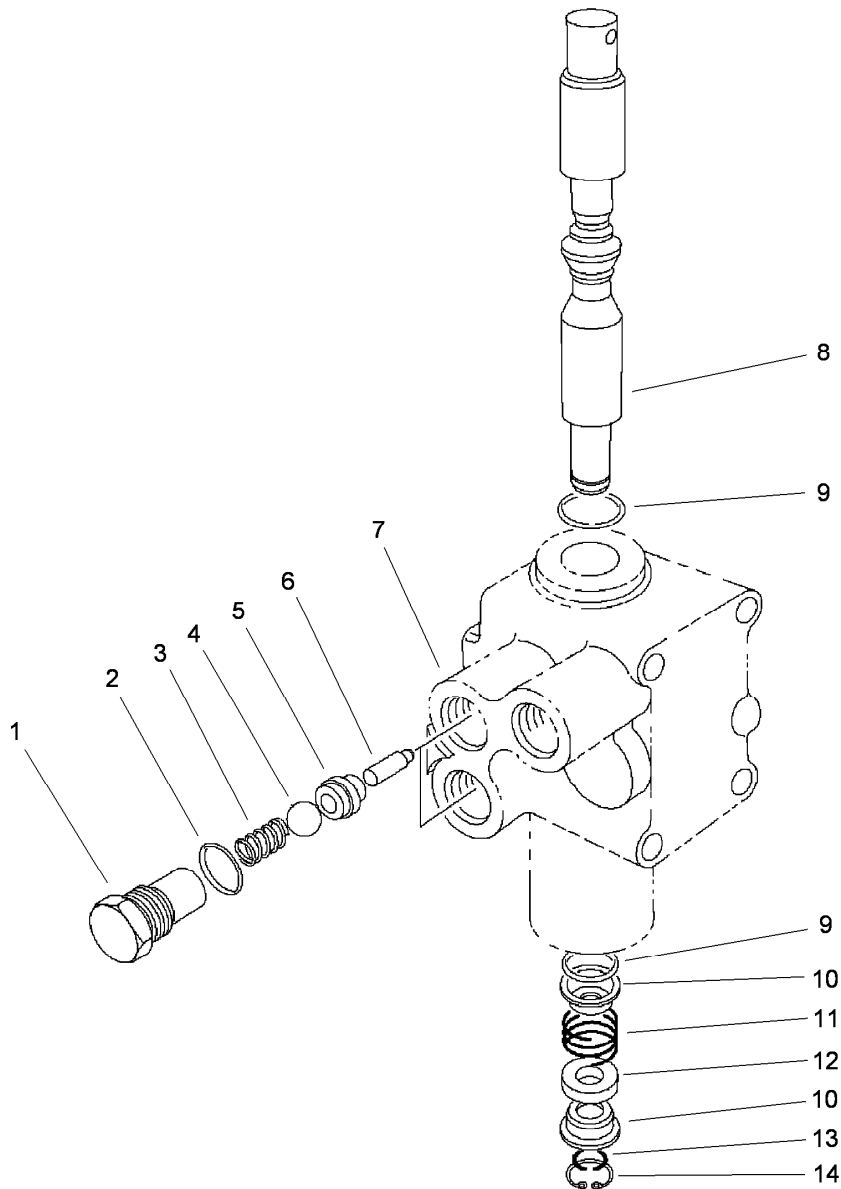
Ref.	Part Number	Qty.	Description
13:1	237-79	1	O-Ring
13:2	237-22	1	O-Ring
14	354-136	1	Fitting-STR
14:1	237-80	1	O-Ring
15	2412-129	1	Clamp-Hose
16	87-3670	1	Hose-Suction
17	32144-57	4	Screw
18	104-7201	8	Nut-HF, NI
19	340-132	4	Fitting-Elbow, 90 DEG
19:1	237-78	1	O-Ring
19:2	237-21	1	O-Ring
20	106-7939	2	HYD Cylinder ASM
21	108-3109	2	Retainer-Cylinder
22	3229-1	2	Screw-CARR
23	3272-37	2	Pin-Cotter
25	106-7968	2	Coupler-Quick, Female
26	106-7969	2	Coupler-Quick, Male
27	115-7711	1	Hose-HYD
28	340-2	2	Fitting-Straight
28:1	237-22	1	O-Ring
28:2	237-42	1	O-Ring



Lift Valve and Hydraulic Assembly (continued)

Ref.	Part Number	Qty.	Description
29	2412-113	1	Clamp-R
30	115-7715	1	Coupler Bracket ASM
30:2	115-7723	1	Decal-Disconnect, Quick
31	94-5781	2	Screw-HHF
32	32151-83	2	Ring-Snap
33	108-6508	1	Hose-HYD
34	104-3716	1	Hose-HYD
35	95-0965	1	Hose ASM
36	115-2216	1	Tube-HYD
37	115-2217	1	Tube-HYD
38	3234-5	3	Screw-HHF
39	115-2224	1	Tube-HYD
40	115-2223	1	Tube-HYD
41	24-7922	1	Conduit-Convolutd, Split
42	3290-379	8	Tie-Cable
43	24-7923	2	Conduit-Convolutd, Split
44	115-2228	1	Hose-HYD
45	2412-36	2	Clamp-Hose

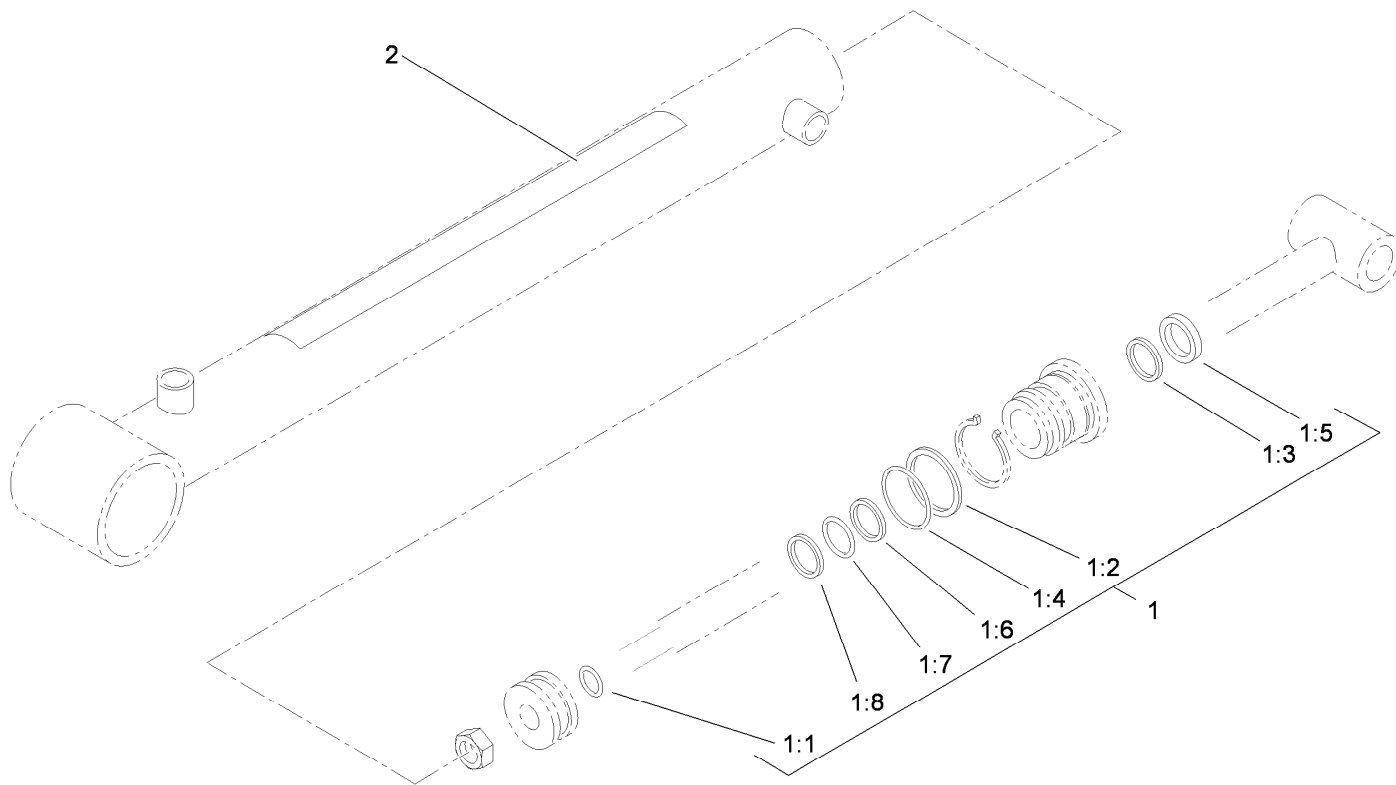
Ref.	Part Number	Qty.	Description
46	100-4887	1	Fitting-Elbow, 90
46:1	237-42	1	O-Ring
47	104-8300	3	Nut-HF, NI
48	87-8780	1	Head-Filter
49	54-0110	1	Filter-Oil, Transmission
50	115-2168-03	1	Bracket-Filter
51	3234-4	4	Screw-HHF
52	115-2231	1	Fitting-STR
52:1	237-79	1	O-Ring
53	340-82	2	Fitting-Elbow, 90 DEG
53:1	237-42	1	O-Ring
53:2	237-21	1	O-Ring
54	56-7971	2	Clamp-Tube
55	56-7976	6	Clamp-Tube
56	110-0931	1	Hose-HYD
57	340-21	2	Fitting
57:1	237-21	3	O-Ring
58	106-3680	2	Hose-HYD



Control Valve Assembly No. 43-1950

Ref.	Part Number	Qty.	Description
1	22-8330	2	Plug
2	237-42	2	O-Ring
3	22-8340	2	Spring
4	22-8350	2	Ball
5	22-8370	2	Seat-Valve
6	22-8360	2	Pin
7		1	Body ●
8	22-8420	1	Spool
9	22-8500	2	O-Ring
10	22-8380	2	Retainer
11	22-8410	1	Spring
12	23-3030	1	Spacer
13	22-8480	1	Ring-Snap
14	22-8490	1	Ring-Snap

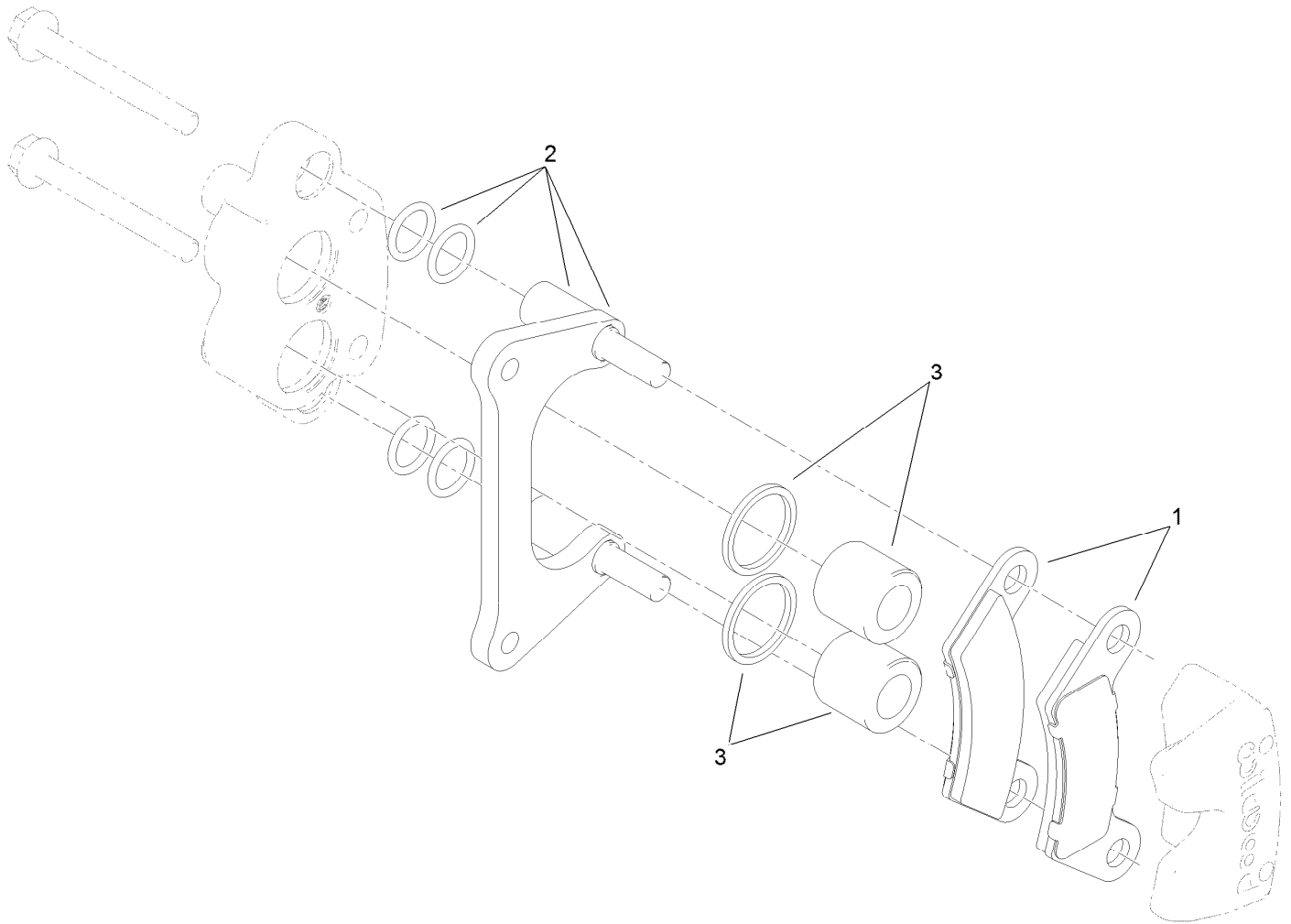
● Not serviced separately



Hydraulic Cylinder Assembly No. 106-7939

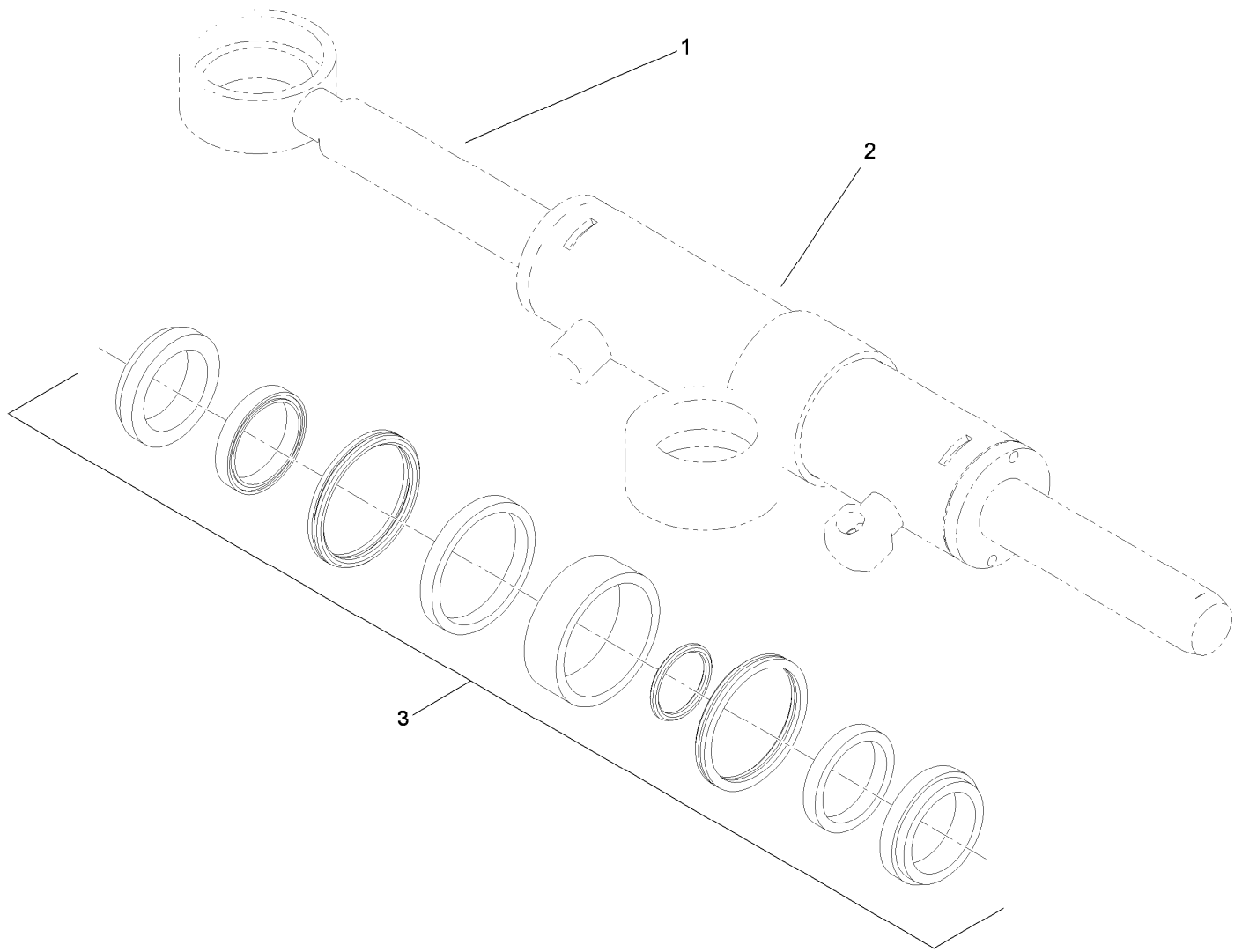
Ref.	Part Number	Qty.	Description
1	106-7941	1	Seal Kit
1:1		1	Ring-Retaining ●
1:2		1	Ring-Retaining ●
1:3		1	Seal ●
1:4		1	Back-Up ●
1:5		1	Wiper ●
1:6		1	Seal ●
1:7		1	Ring-Retaining ●
1:8		1	Ring-Wear ●
2	93-9852	1	Decal-Warning

● Not serviced separately



Brake Caliper Assembly No. 119-9535

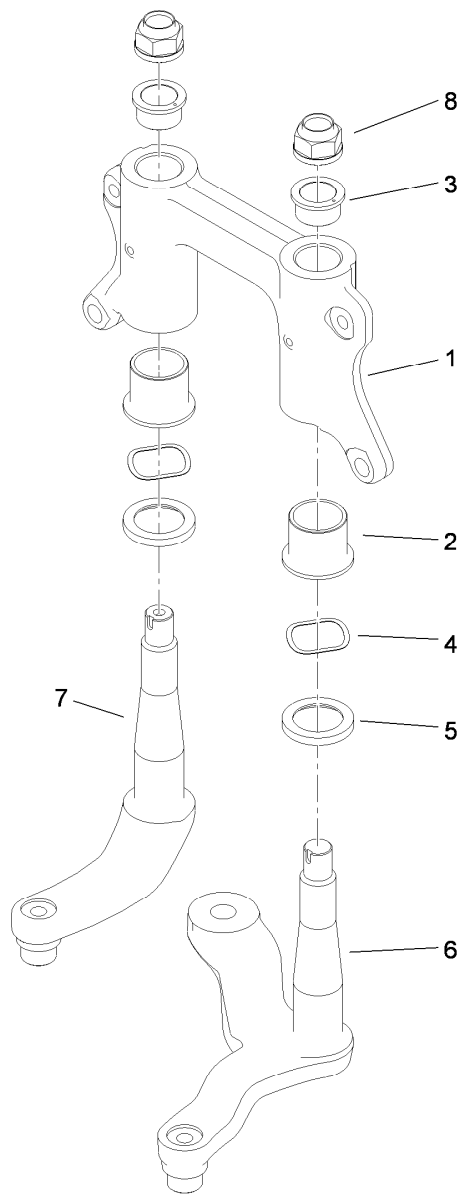
Ref.	Part Number	Qty.	Description
1	119-9510	1	*obs* Pads-Brake
2	119-9511	1	Bracket Kit
3	119-9512	1	Piston Kit



Hydraulic Cylinder Assembly No. 112-3217

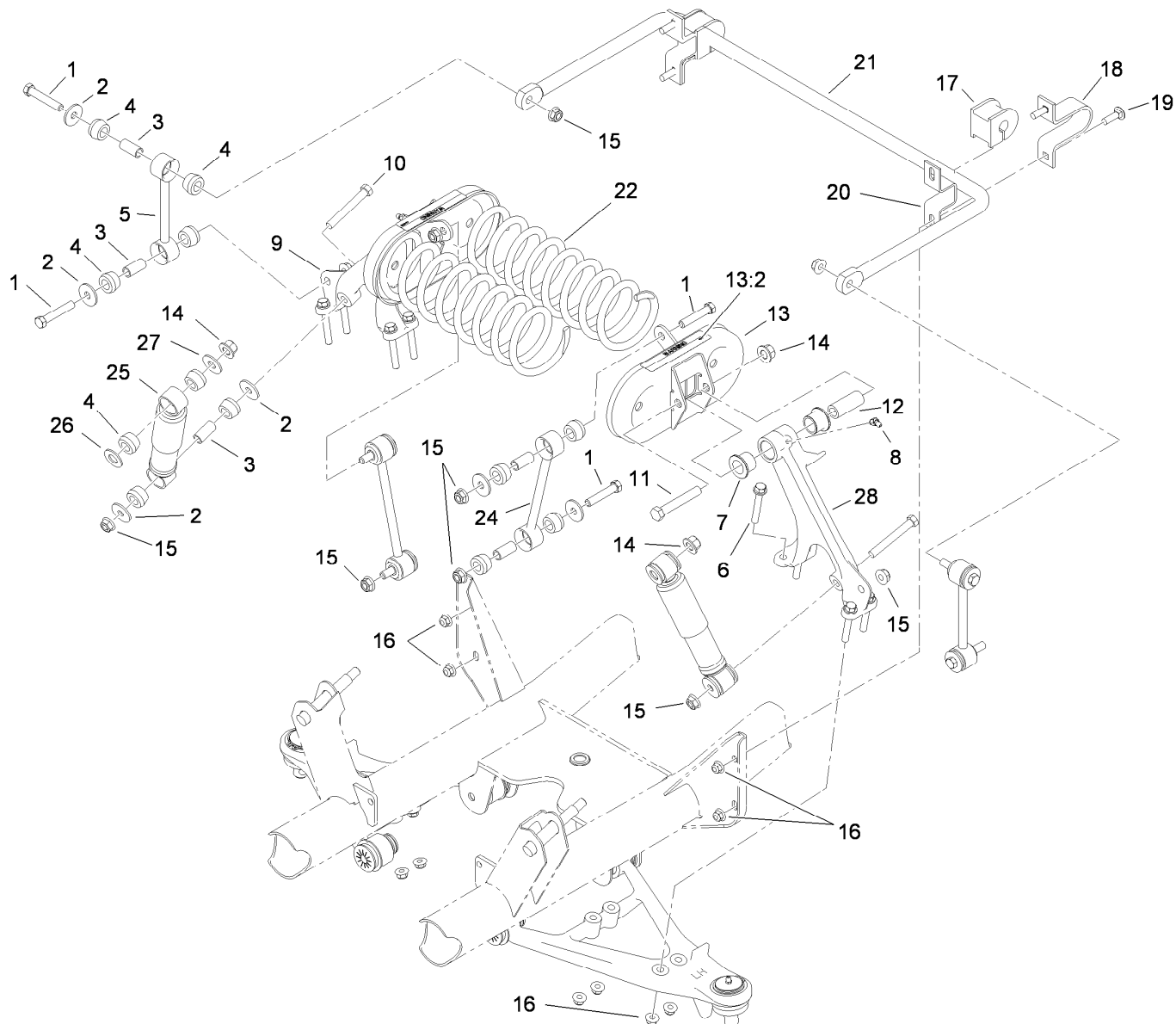
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1		1	Rod-Cylinder ●
2		1	Body-Cylinder ●
3	115-2160	1	Cylinder Repair Kit

● Not serviced separately



Steering Linkage Assembly

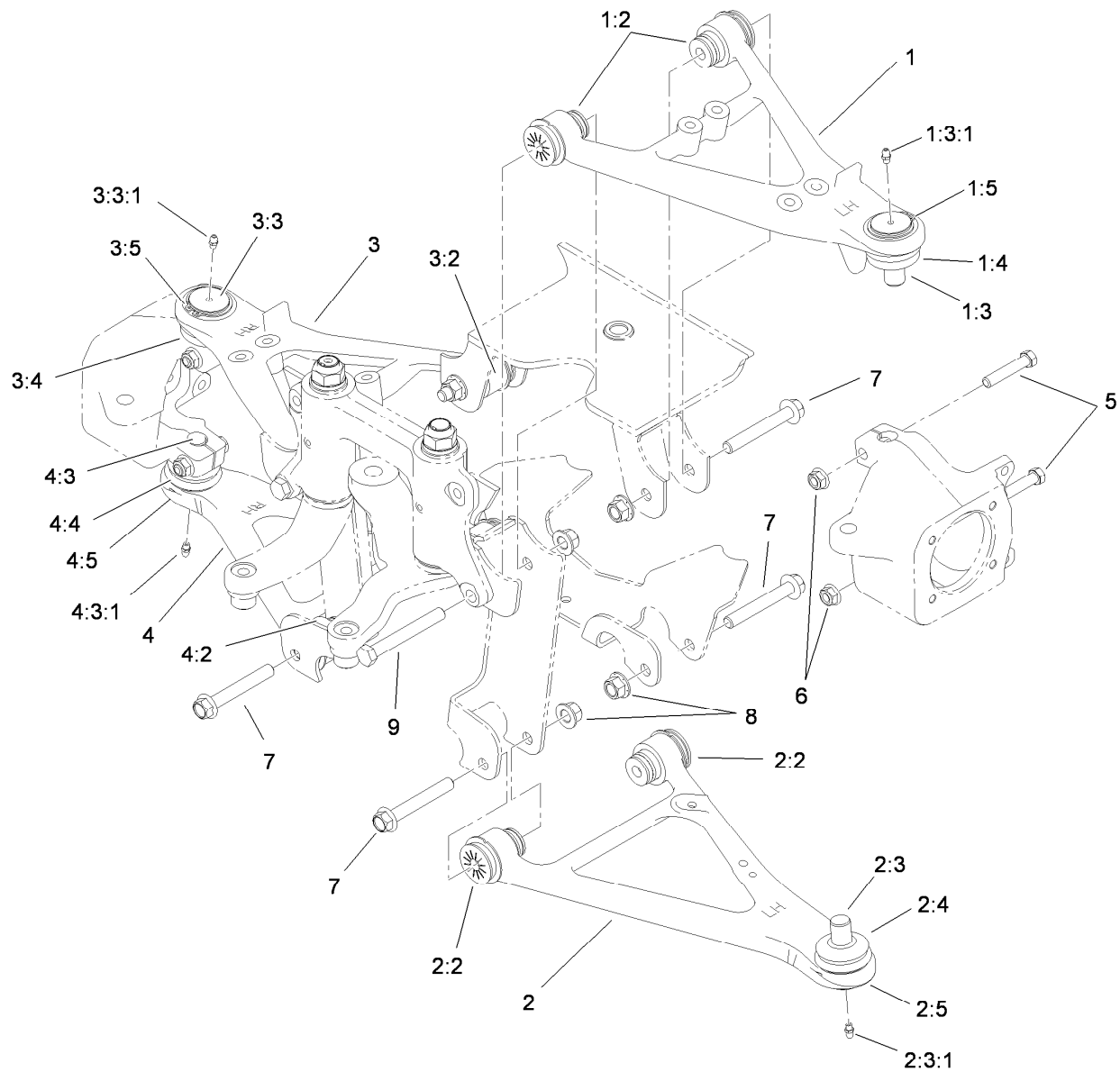
Ref.	Part Number	Qty.	Description
1	114-8389	1	Mount-Pivot
2	69-6470	2	Bushing-Caster
3	112-1626	2	Bushing-Flange
4	93-4632	2	Washer-Wavey
5	86-6560	2	Washer-Thrust
6	114-8256	1	Arm-Pitman
7	114-8298	1	Arm-Idler
8	115-2164	2	Nut-Spindle



Front Suspension Assembly

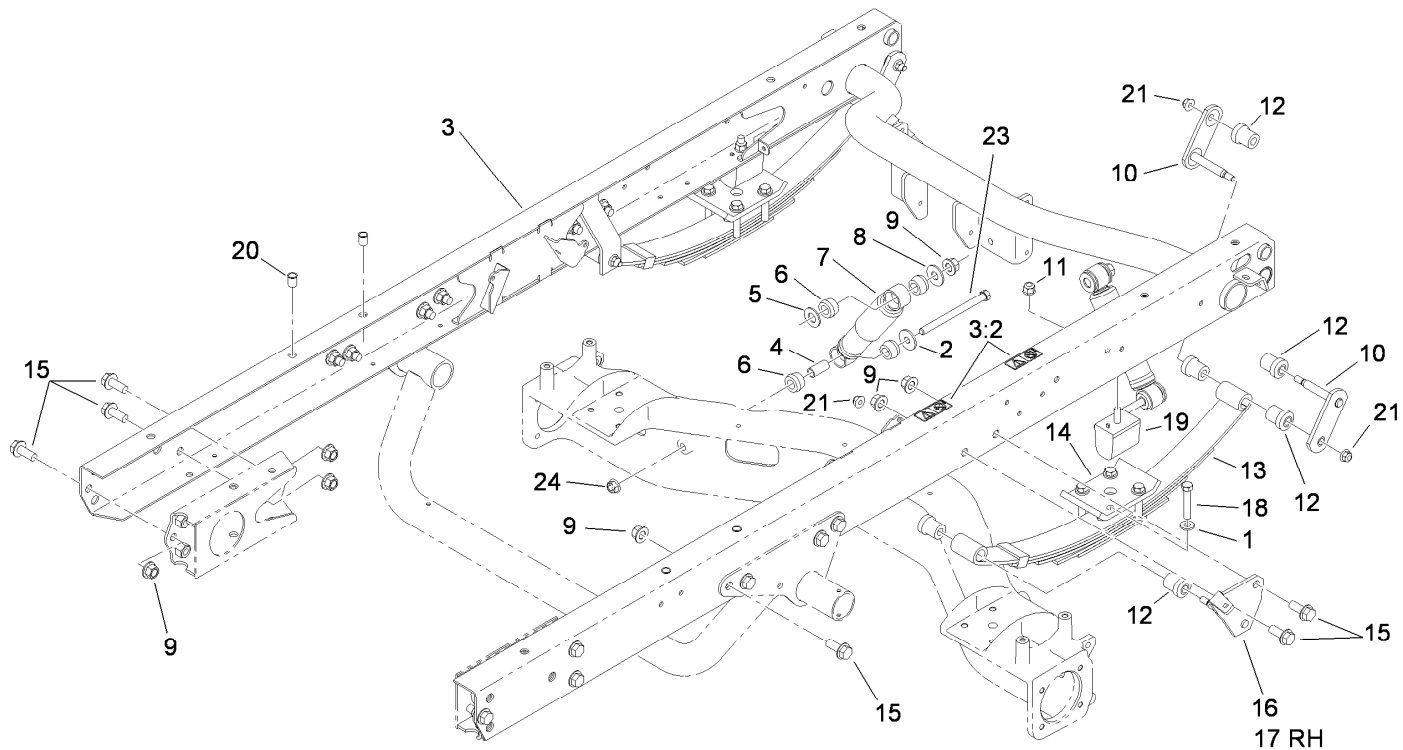
Ref.	Part Number	Qty.	Description
1	324-10	8	Screw-HH
2	87-5330	12	Washer
3	87-3600	10	Spacer-Absorber, Shock
4	87-3920	24	Bushing
5	87-3860-03	2	Link-Sway Bar, Anti
6	3234-39	8	Screw-HHF
7	33-3090	4	Bushing
8	302-11	2	Fitting-Lube, 45 DEG
9	87-0150	1	Tower-Control Arm, RH
10	324-13	2	Screw-HH
11	325-13	2	Screw-HH
12	87-2500	2	Sleeve-Spring, Pivot
13	105-7958	2	Spring Cradle ASM
13:2	93-9879	1	Decal-Warning

Ref.	Part Number	Qty.	Description
14	99-5107	4	Nut-Lock
15	114-8417	10	Nut-HF, NI
16	104-8301	12	Nut-HF, NI
17	87-3910	2	Bushing-Rubber
18	87-4010-03	2	Clamp-Bar, Sway
19	3231-25	4	Bolt-CARR
20	87-3890-03	2	Bracket-Bar, Sway
21	87-3850-03	1	Bar-Sway, Anti
22	105-4183-01	2	Spring-Compression
24	106-2302-03	2	Link-Stabilizer
25	87-3110	2	Absorber-Shock
26	3256-27	2	Washer-Flat
27	3256-6	2	Washer-Flat
28	87-0160	1	Tower-Control Arm, LH



Front Control Arm Assembly

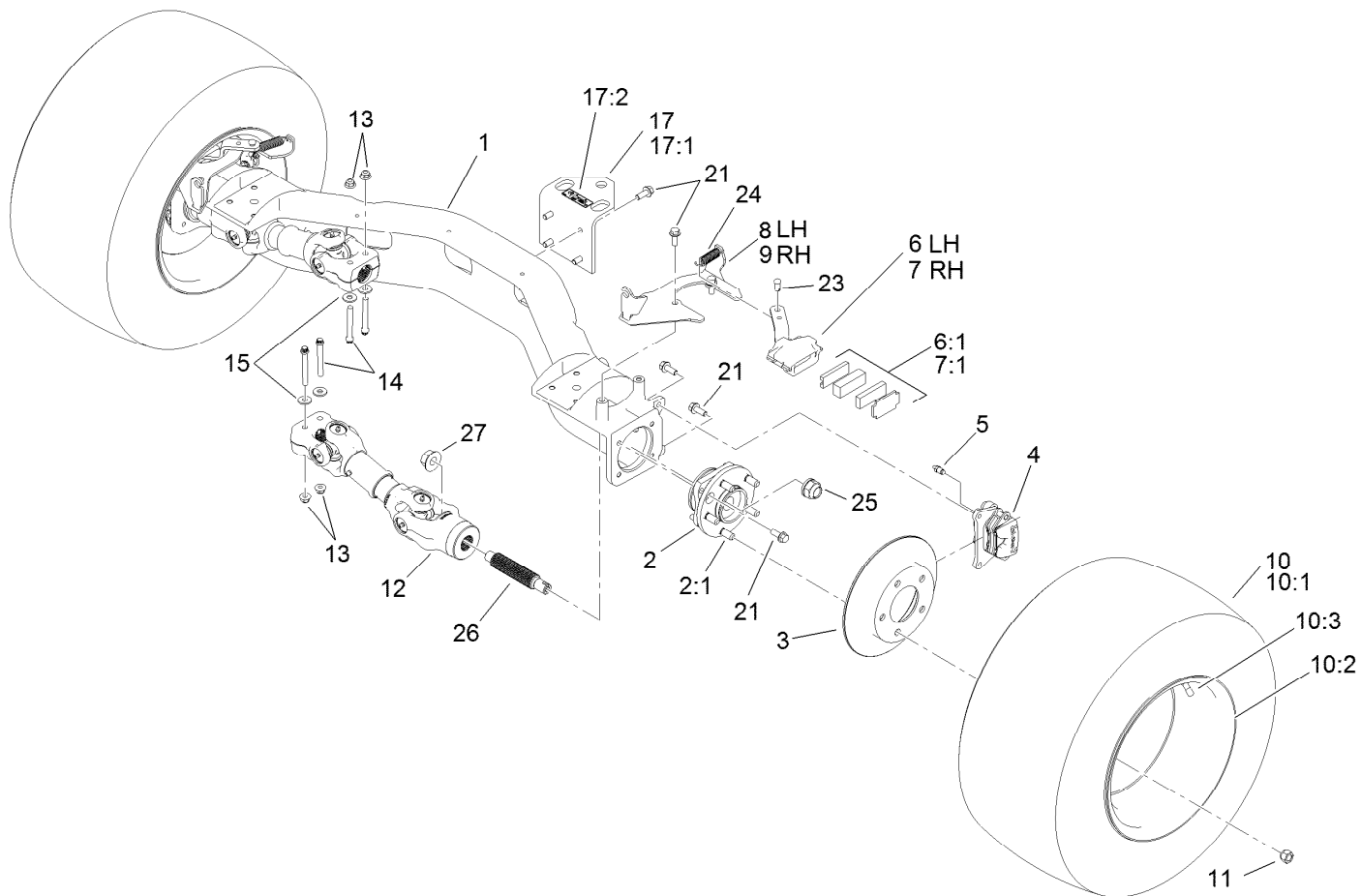
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	115-2404	1	Upper LH Control Arm ASM	3:3:1	302-5	1	Fitting-Grease
1:2	87-1450	2	Bushing-Flange	3:4	87-2420	1	Seal-Joint, Ball
1:3	115-2165	1	Ball Joint	3:5	32151-104	1	Ring-Retaining, External
1:3:1	302-5	1	Fitting-Grease	4	115-2407	1	Lower RH Control Arm ASM
1:4	87-2420	1	Seal-Joint, Ball	4:2	87-1450	2	Bushing-Flange
1:5	32151-104	1	Ring-Retaining, External	4:3	115-2165	1	Ball Joint
2	115-2405	1	Lower LH Control Arm ASM	4:3:1	302-5	1	Fitting-Grease
2:2	87-1450	2	Bushing-Flange	4:4	87-2420	1	Seal-Joint, Ball
2:3	115-2165	1	Ball Joint	4:5	32151-104	1	Ring-Retaining, External
2:3:1	302-5	1	Fitting-Grease	5	324-10	4	Screw-HH
2:4	87-2420	1	Seal-Joint, Ball	6	114-8417	4	Nut-HF, NI
2:5	32151-104	1	Ring-Retaining, External	7	114-8419	6	Screw-HHF
3	115-2406	1	Upper RH Control Arm ASM	8	99-5107	8	Nut-Lock
3:2	87-1450	2	Bushing-Flange	9	325-17	2	Screw-HH
3:3	115-2165	1	Ball Joint				



Rear Frame Assembly

Ref.	Part Number	Qty.	Description
1	87-7480	8	Washer
2	87-5330	2	Washer
3	115-7911	1	Rear Frame ASM
3:2	115-2047	2	Decal-Surface, Hot
4	87-3600	2	Spacer-Absorber, Shock
5	3256-27	2	Washer-Flat
6	87-3920	8	Bushing
7	87-3110	2	Absorber-Shock
8	3256-6	2	Washer-Flat
9	99-5107	20	Nut-Lock
10	87-3980	4	Shackle ASM
11	103-9511	2	Nut-Flg

Ref.	Part Number	Qty.	Description
12	87-4760	12	Bushing-Rubber
13	87-1490	2	Spring-Leaf, Rear
14	87-7470-03	2	Plate-Spring, Clamp
15	3234-38	18	Screw-HHF
16	87-3960	1	Mount-Spring, LH
17	87-3940	1	Mount-Spring, RH
18	115-2398	8	Bolt-HH
19	87-3470	2	Bumper
20	32148-9	4	Nut-Clinch
21	104-8301	6	Nut-HF, NI
23	114-8424	2	Screw-HH
24	114-8417	2	Nut-HF, NI

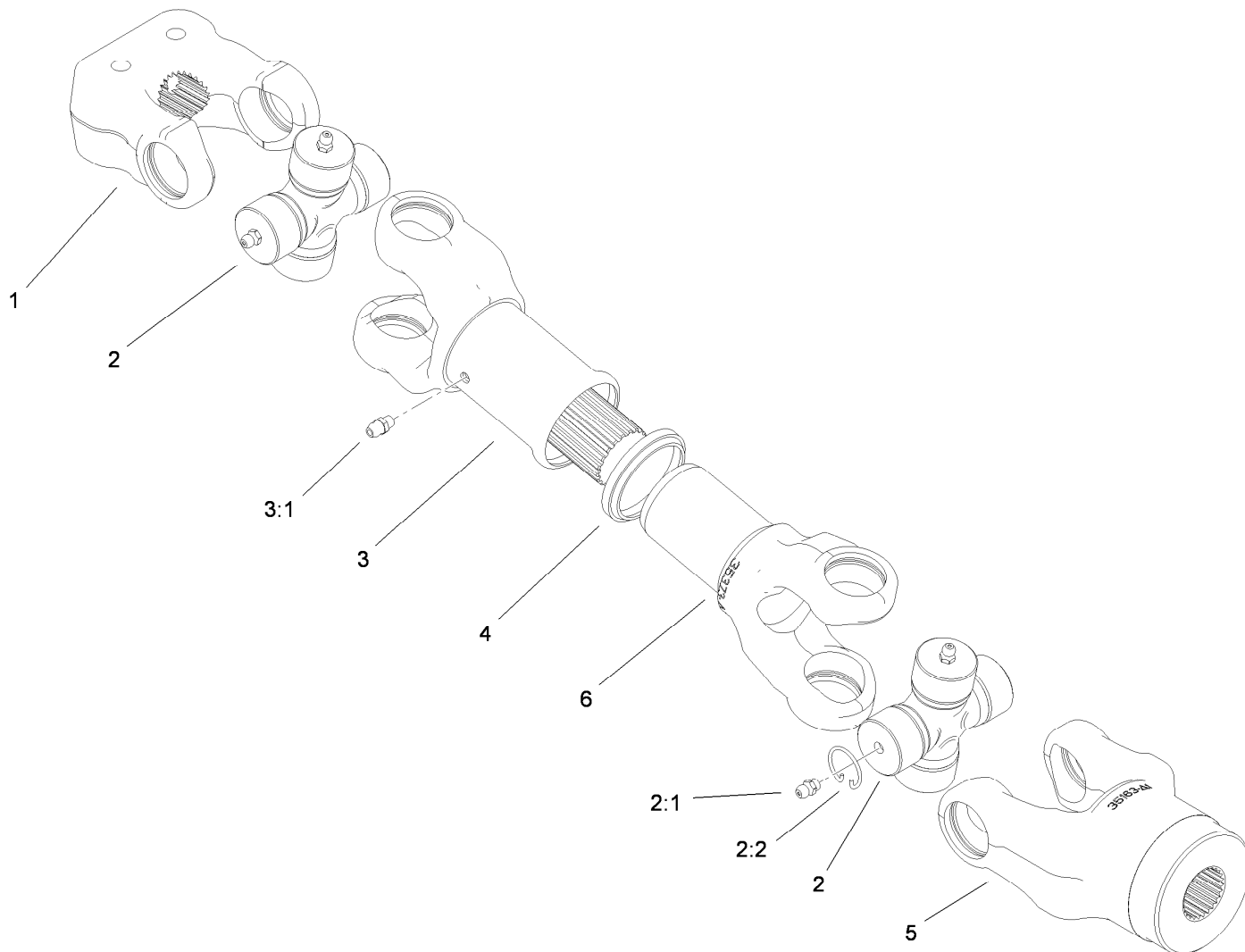


Rear Axle Assembly

Ref.	Part Number	Qty.	Description
1	119-9515	1	Axle-Rear
2	112-3214	2	Wheel Hub ASM
2:1	114-8299	5	Stud-Wheel
3	114-8351	2	Rotor-Brake
4	119-9535	2	Brake Caliper ASM
5	119-9509	2	Screw-Bleed
6	114-8365	1	Caliper-Mechanical, LH
6:1	115-7847	1	Parking Brake Pad Kit
7	114-8366	1	Caliper-Mechanical, RH
7:1	115-7847	1	Parking Brake Pad Kit
8	115-2362-03	1	Bracket-Caliper, LH
9	115-2359-03	1	Bracket-Caliper, RH
10		2	Tire And Wheel ASM ●
10:1	106-7868	1	Tire
10:2	114-8259	1	Wheel

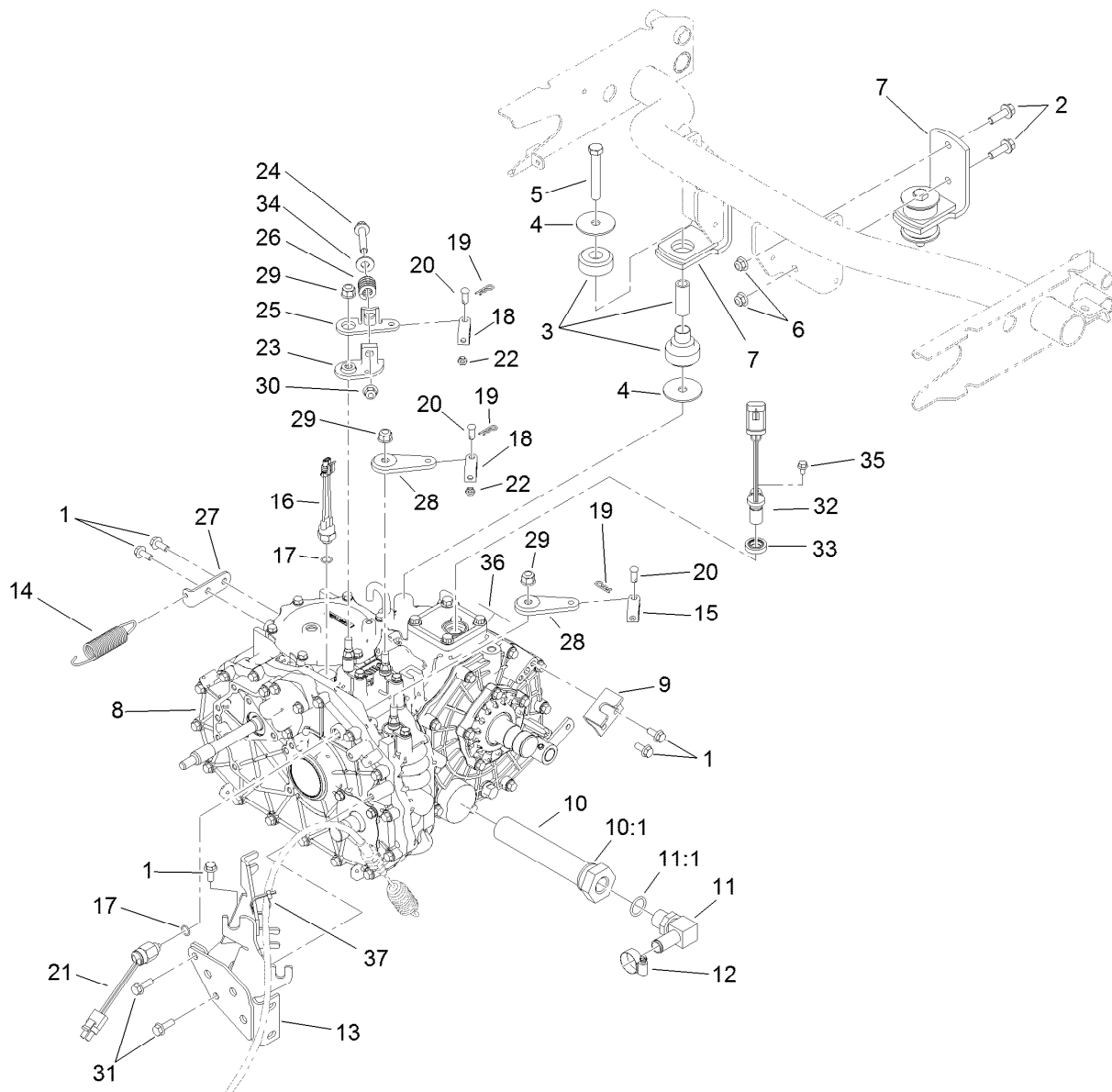
Ref.	Part Number	Qty.	Description
10:3	232-27	1	Stem-Valve
11	242-50	10	Nut-Lug
12	114-8367	2	Driveshaft ASM
13	104-8301	4	Nut-HF, NI
14	98-2939	4	Screw-Cap
15	80-6990	4	Washer-Hardened
17	115-7742	1	Hitch ASM
17:1	92-5951-03	1	Angle-Hitch
17:2	115-7740	1	Decal-Load, Towing
21	3234-11	20	Screw-HHF
23	283-85	2	Pin-Clevis
24	104-6415	2	Spring-Return, Pedal
25	115-2164	2	Nut-Spindle
26	115-7771	2	Shaft-Splined
27	104-0753	2	Nut-Flange

● Not serviced separately



Driveshaft Assembly No. 114-8367

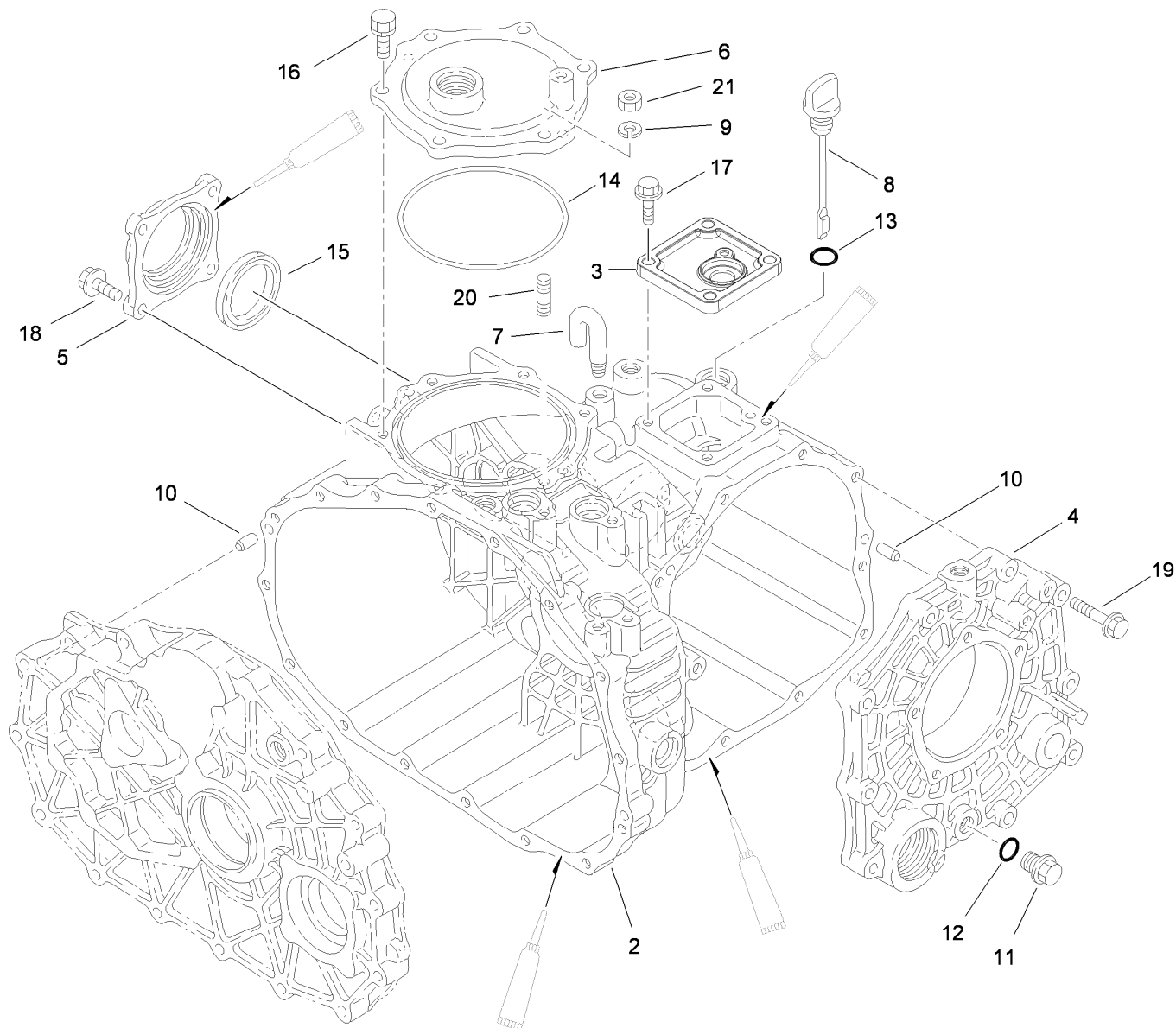
Ref.	Part Number	Qty.	Description
1	98-2940	1	Yoke
2	92-4187	2	Cross And Bearing Kit
2:1	302-58	4	Fitting-Straight
2:2	92-4188	4	Ring-Snap
3	92-4179	1	Yoke-Tube, Shaft And Seal
3:1	302-5	1	Fitting-Grease
4	92-4180	1	Seal
5	115-2351	1	Yoke
6	92-4182	1	Yoke-Telescoping



Transaxle Assembly

Ref.	Part Number	Qty.	Description
1	98-7977	5	Screw-HHF
2	3234-24	4	Screw-HHF
3	106-7865	2	Mount-Engine
4	87-5100	4	Washer-Snubbing
5	33116-080	2	Screw-HH
6	104-8301	4	Nut-HF, NI
7	87-5800-03	2	Mount-Transaxle
8	115-7783	1	2 Wheel Drive Transaxle ASM
9	87-4470	1	Bracket-Lock, Differential
10	87-3990	1	Strainer-Transaxle
10:1	237-123	1	O-Ring
11	353-987	1	Fitting-Elbow, 90
11:1	237-81	1	O-Ring
12	2412-129	1	Clamp-Hose
13	105-4207-03	1	Mount-Cable
14	68-9950	1	Spring-Traction
15	87-7160	1	Clevis-Cable
16	72-4310	1	Switch-Ball
17	237-30	2	O-Ring

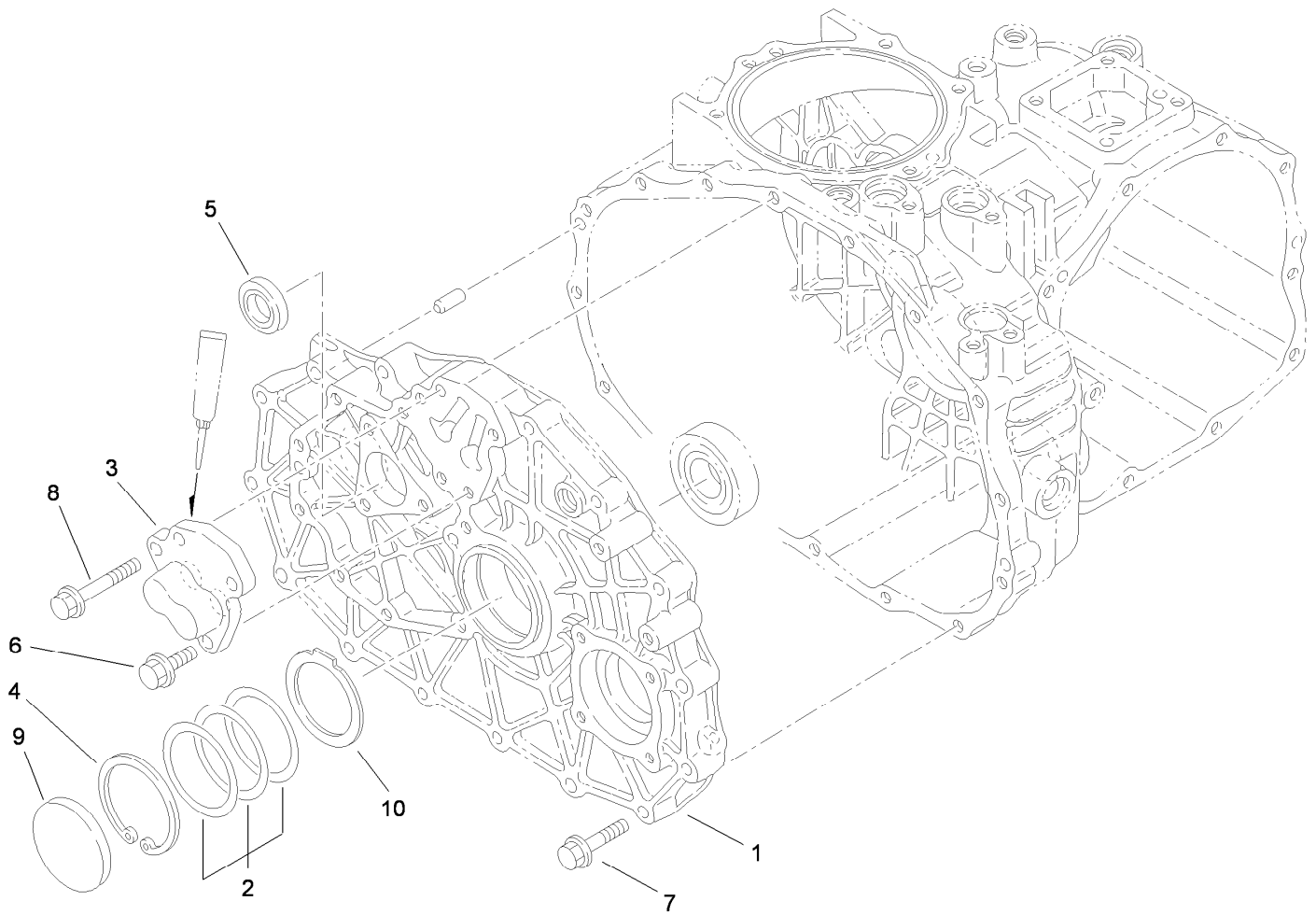
Ref.	Part Number	Qty.	Description
18	87-2310	2	Clevis-Cable
19	3290-307	3	Pin-Cotter
20	283-62	3	Pin-Clevis
21	87-6710	1	Switch-Transmission
22	3220-1	2	Nut-Jam
23	87-7970	1	Arm-Shift
24	66-9302	1	Screw-HHF Lock
25	87-8250	1	Plate-Arm, Shift
26	87-6910	1	Spring-Compression
27	115-7714	1	Bracket-Spring
28	87-7960	2	Lever-Shift
29	103-9511	3	Nut-Flg
30	3290-357	1	Nut-HSF
31	33104-025	2	Screw-HHF
32	120-4800	1	Sensor-Geartooth
33	92-3735	1	Seal-Sensor, Oil
34	3256-4	1	Washer-Flat
35	33103-012	1	Screw-HHF
36	115-7741	1	Decal-Oil, Transmission
37	3290-379	1	Tie-Cable



Case Assembly Transaxle Assembly No. 115-7783

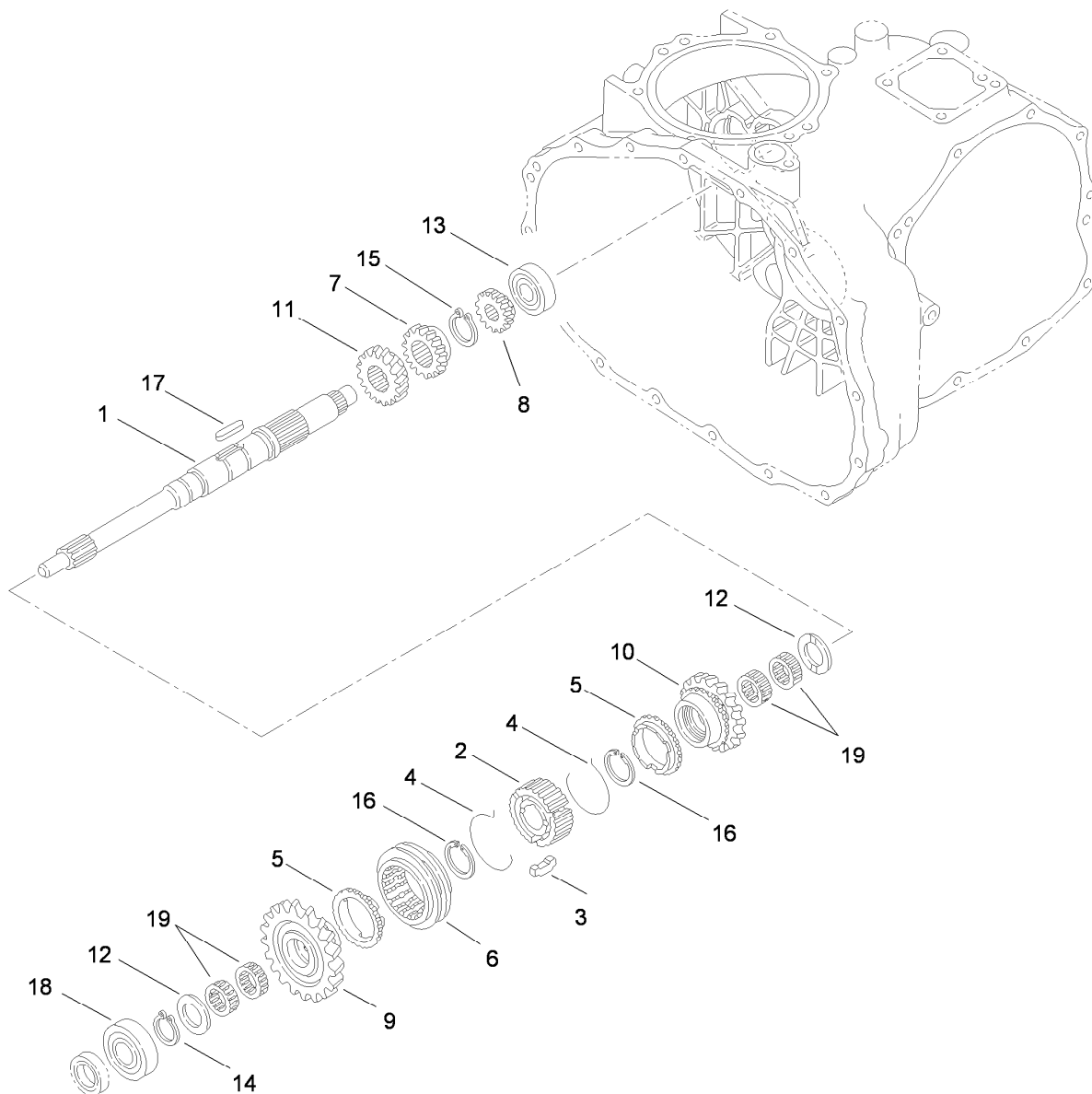
Ref.	Part Number	Qty.	Description
2	92-0651	1	Case-Transmission
3	92-0810	1	Cover-Upper, Sensor
4	92-0653	1	Cover-Side
5	92-0655	1	Cover-Seal, Axle
6	92-0656	1	Cover-Upper, PTO
7	92-0743	1	Breather-Air
8	92-0662	1	Cap-Oil
9	92-0762	1	Washer-Spring
10	92-0765	4	Pin-Parallel
11	92-0773	1	Plug-Drain

Ref.	Part Number	Qty.	Description
12	92-0787	1	O-Ring
13	92-0788	1	O-Ring
14	92-0790	1	O-Ring
15	92-0793	1	Seal-Oil
16	92-0796	5	Bolt
17	33104-025	4	Screw-HHF
18	33104-025	4	Screw-HHF
19	33104-040	10	Screw-HHF
20	92-0805	1	Bolt 8X20
21	68-9400	1	Nut-Flange



Center Plate Assembly Transaxle Assembly No. 115-7783

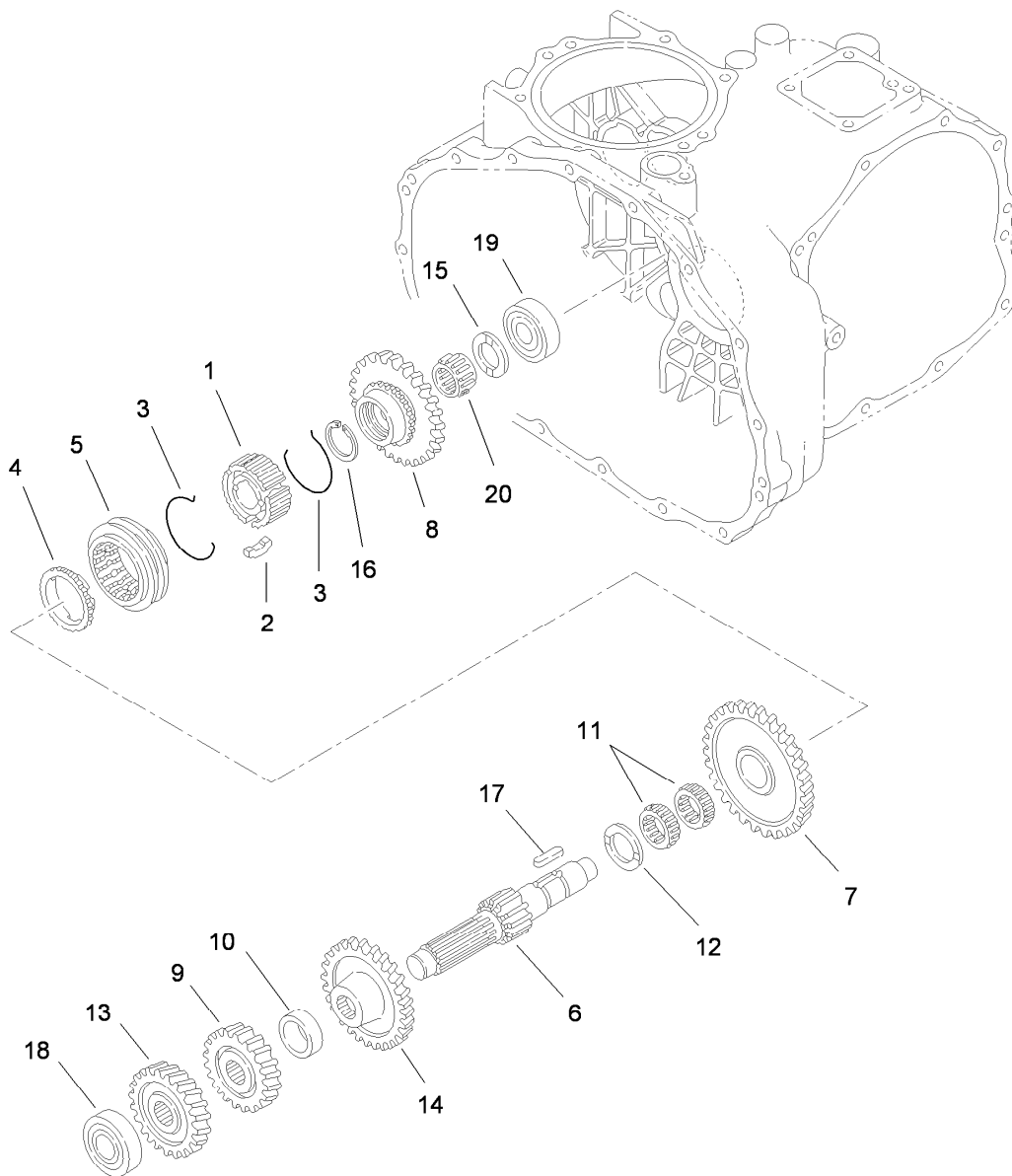
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	100-4461	1	Plate-Center
2	100-4460	1	Shim-Set
3	92-0706	1	Shaft-Fork
4	92-0759	1	Ring-Snap
5	92-0791	1	Seal-Oil
6	33104-025	3	Screw-HHF
7	33104-040	15	Screw-HHF
8	33104-050	1	Screw-HHF
9	92-0807	1	Cap-Sealing
10	100-4465	1	Shim (W/Tab)



Main Shaft Assembly Transaxle Assembly No. 115-7783

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	92-0663	1	Shaft-Main
2	92-0664	1	Hub-Synchro
3	92-0665	3	Key-Synchro
4	92-0666	2	Spring-Synchro
5	92-0667	2	Ring-Synchro
6	92-0668	1	Shifter-Synchro
7	92-0672	1	Gear-Main, 18 Tooth
8	92-0673	1	Gear-Main, 14 Tooth
9	110-2521	1	Gear-Main, 27 Tooth
10	110-2522	1	Gear- Main, 24 Tooth

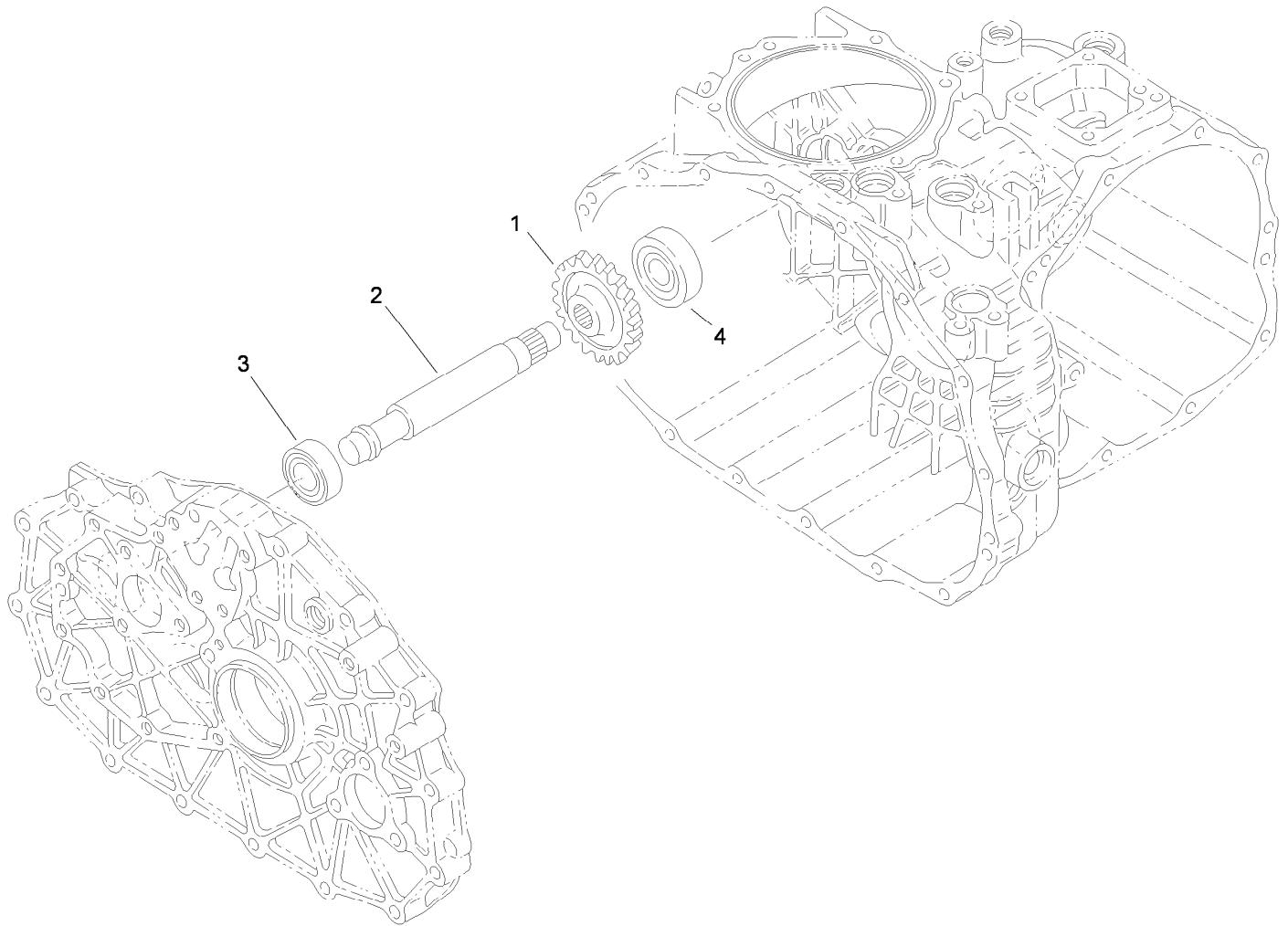
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
11	92-0687	1	Gear-Main, 16 Tooth
12	92-0740	2	Washer-Thrust
13	92-0650	1	Bearing
14	92-0753	1	Ring-Snap
15	92-0754	1	Ring-Snap
16	92-0763	2	Ring-Snap
17	92-0772	1	Key
18	251-8	1	Bearing-Ball
19	92-0781	4	Bearing-Needle



Reduction Shaft Assembly Transaxle Assembly No. 115-7783

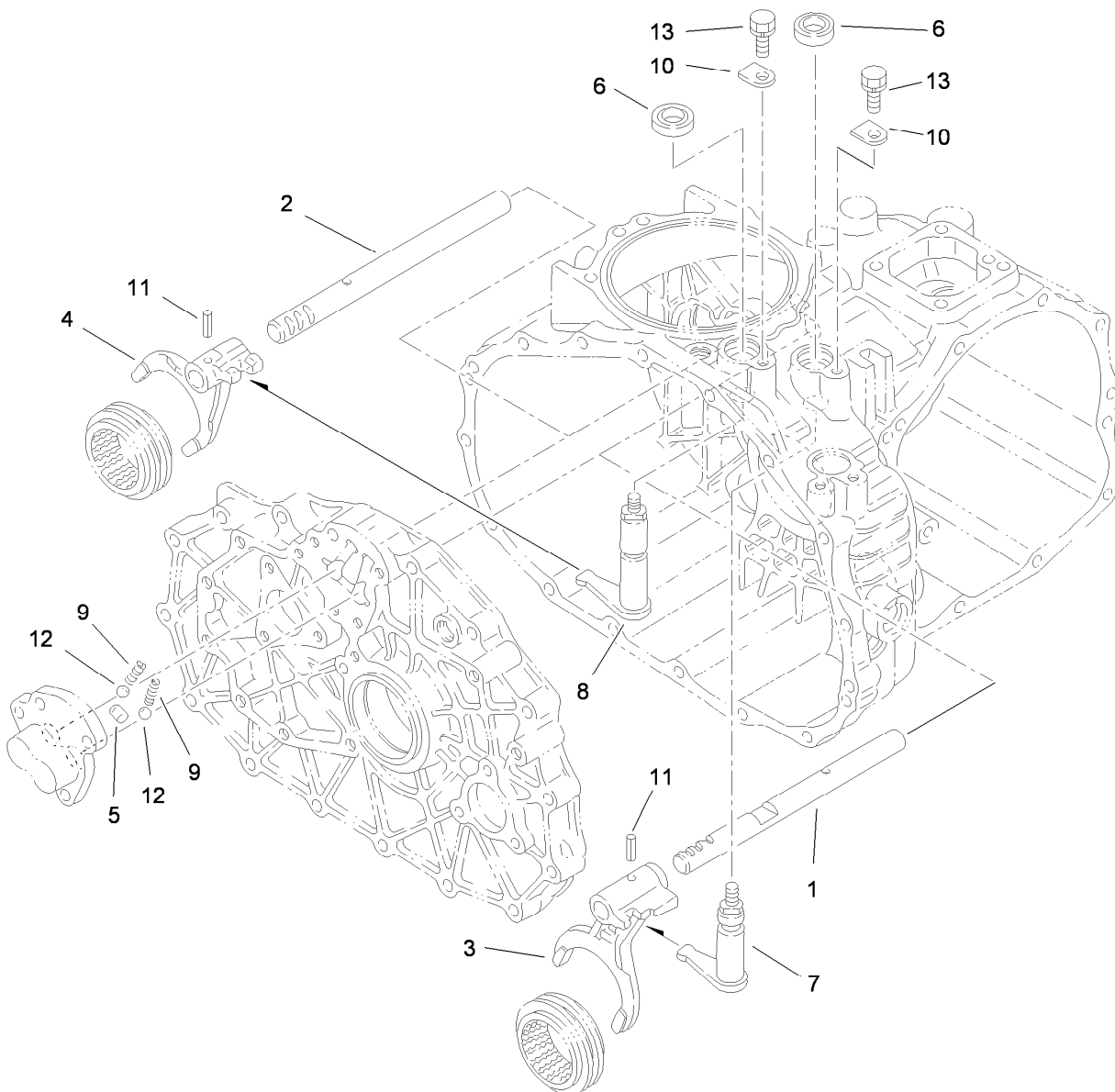
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	92-0664	1	Hub-Synchro
2	92-0665	3	Key-Synchro
3	92-0666	2	Spring-Synchro
4	92-0667	1	Ring-Synchro
5	92-0668	1	Shifter-Synchro
6	92-0674	1	Shaft-Reduction
7	110-2524	1	Gear- Reduction, 49 Tooth
8	92-0819	1	Gear-Reduction, 40 Tooth
9	92-0769	1	Pin-Roll
10	92-0680	1	Collar

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
11	92-0681	2	Bearing-Needle
12	92-0682	1	Washer-Thrust
13	92-0822	1	Gear-Reduction, 28 Tooth
14	92-0823	1	Gear-Reduction, 43 Tooth
15	92-0740	1	Washer-Thrust
16	92-0673	1	Gear-Main, 14 Tooth
17	92-0772	1	Key
18	105-7985	1	Bearing
19	92-0778	1	Bearing
20	92-0782	1	Bearing-Needle



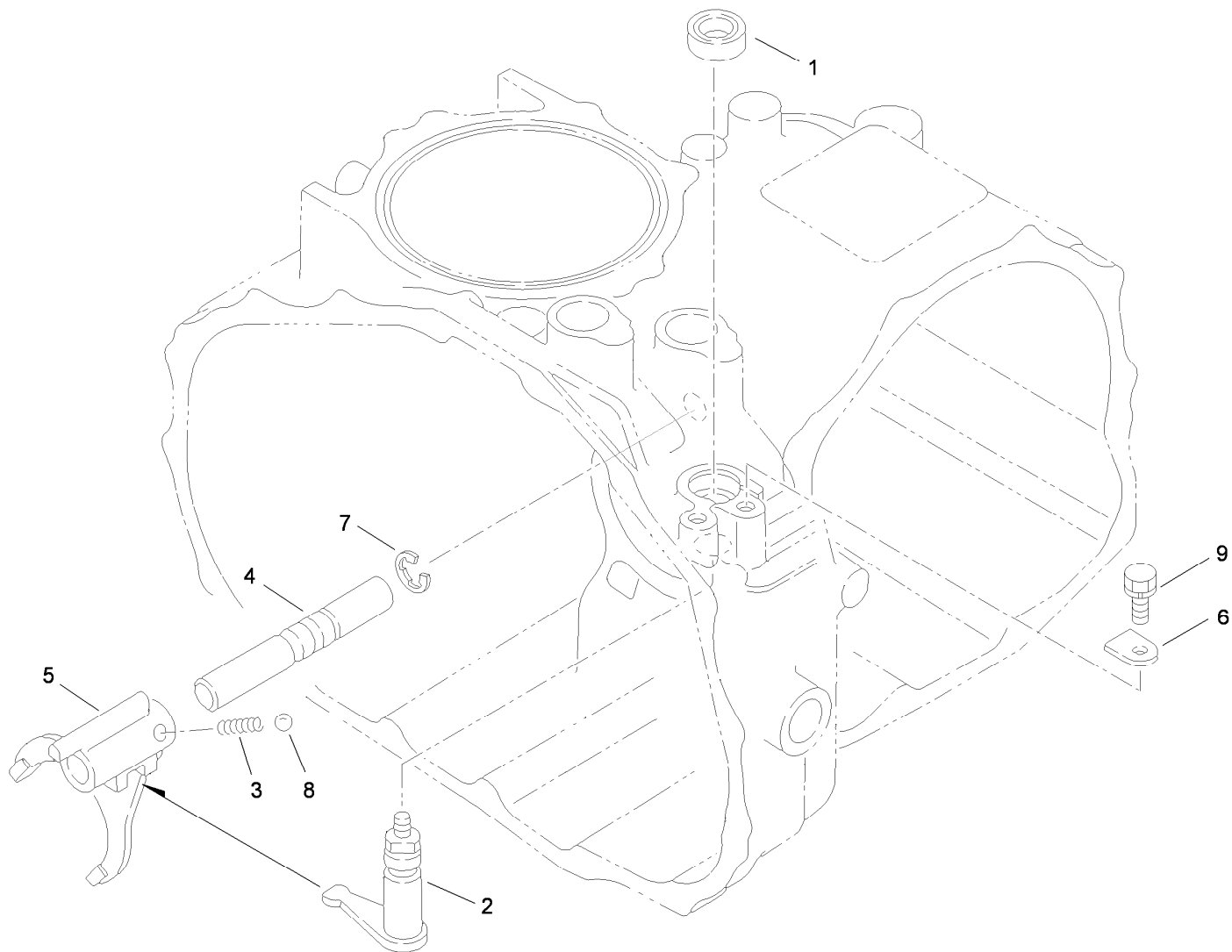
Reverse Shaft Assembly Transaxle Assembly No. 115-7783

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	92-0684	1	Gear-Reverse, 33 Tooth
2	92-0824	1	Shaft-Idler, Reverse
3	251-346	1	Bearing-Ball
4	92-0778	1	Bearing



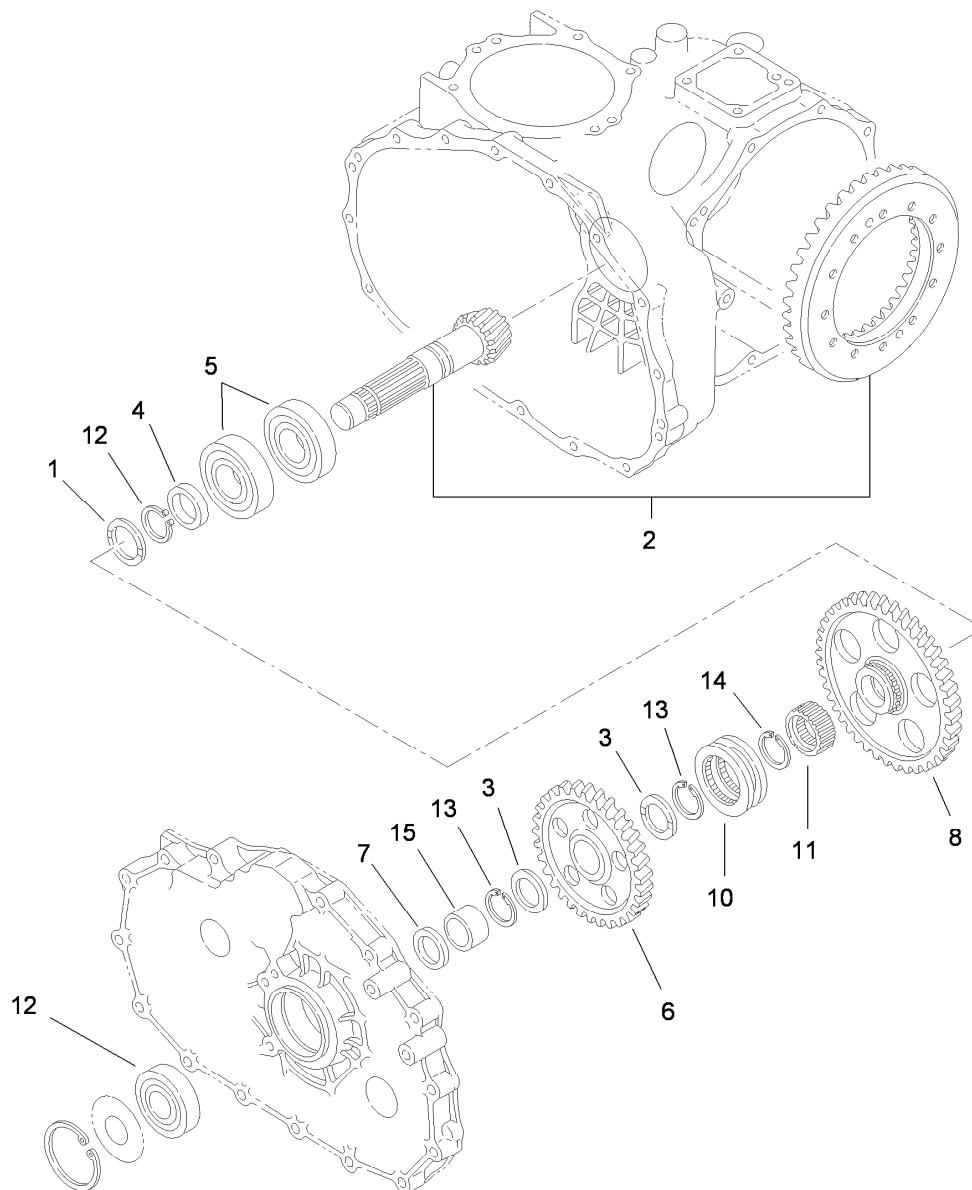
Main Shift Assembly Transaxle Assembly No. 115-7783

Ref.	Part Number	Qty.	Description
1	92-0698	1	Shaft-Fork
2	92-0699	1	Shaft-Fork
3	92-0700	1	Fork-Shift
4	92-0701	1	Fork-Shift
5	92-0705	1	Lock-Spindle
6	92-0729	2	Seal-Oil
7	92-0816	1	Arm-Shift
8	92-0817	1	Arm-Shift
9	92-0731	2	Spring
10	92-0732	2	Plate-Keeper
11	92-0769	2	Pin-Roll
12	92-0785	2	Ball-Steel
13	33104-016	2	Screw-HHF



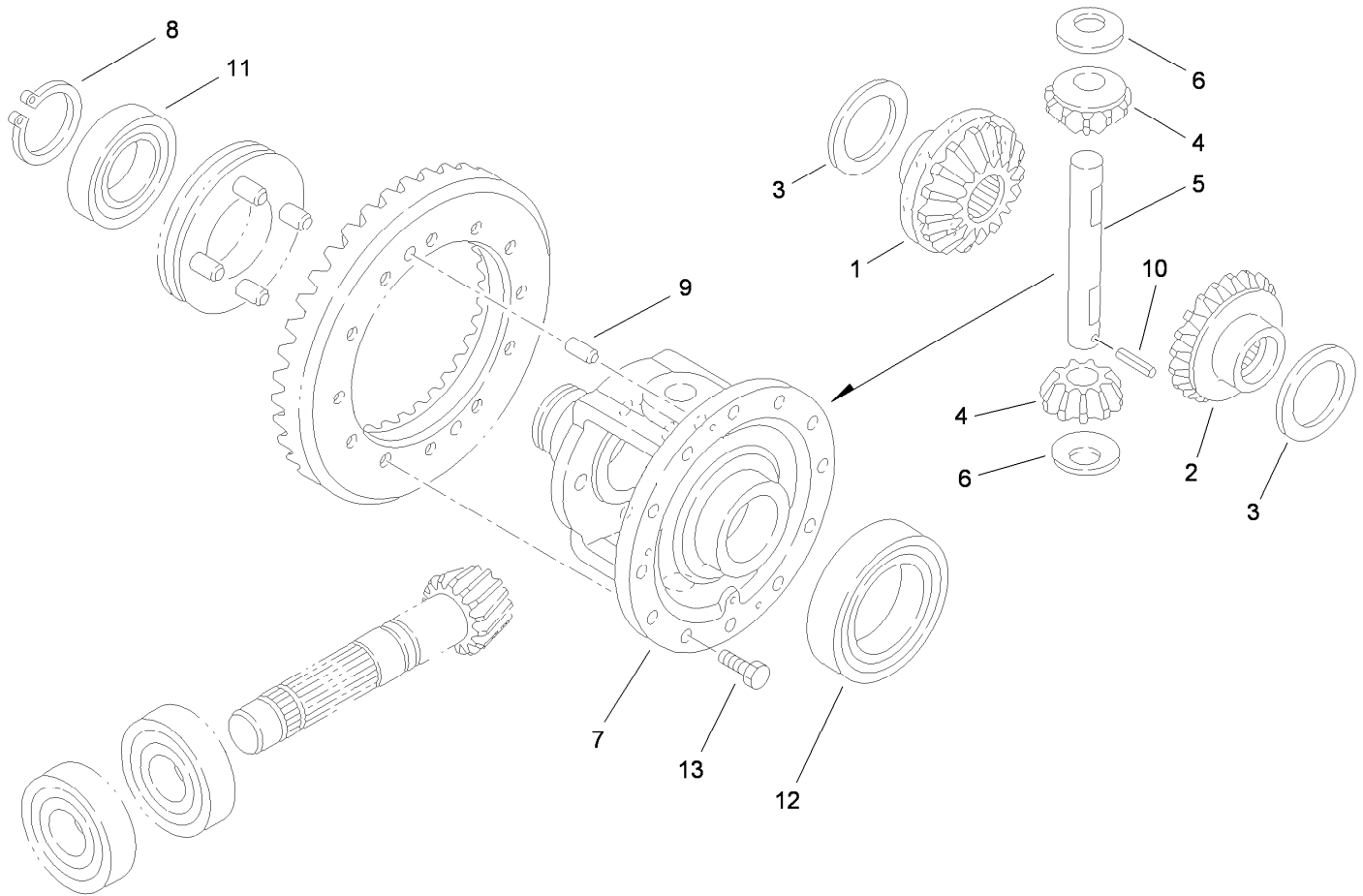
Hi-Lo Shift Assembly Transaxle Assembly No. 115-7783

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	92-0729	1	Seal-Oil
2	92-0818	1	Arm-Shift
3	92-0731	1	Spring
4	92-0708	1	Shaft-Fork
5	92-0709	1	Fork-Shift
6	92-0732	1	Plate-Keeper
7	92-0761	1	Ring-E
8	92-0785	1	Ball-Steel
9	33104-016	1	Screw-HHF



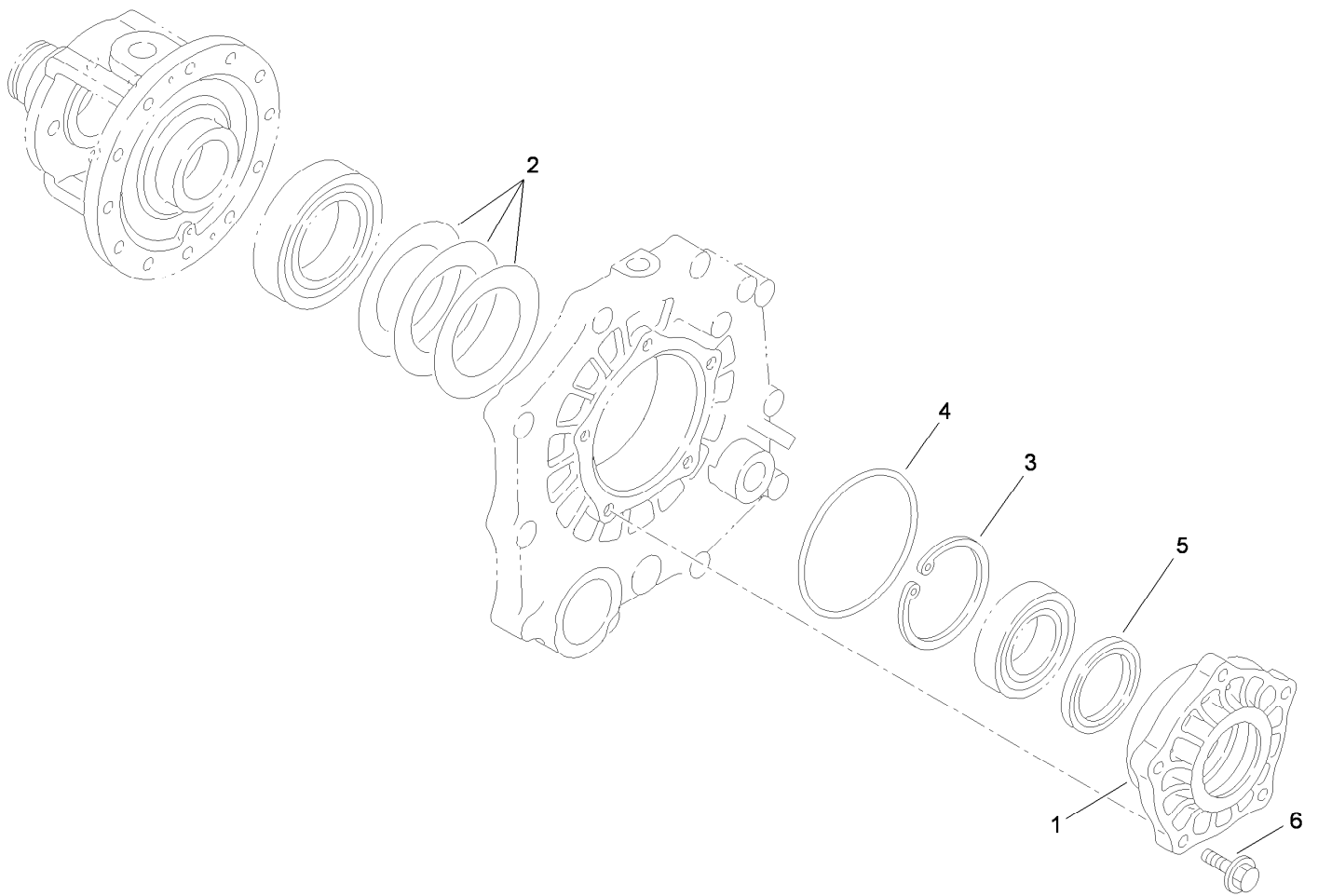
Countershaft Assembly Transaxle Assembly No. 115-7783

Ref.	Part Number	Qty.	Description
1	92-0741	1	Washer-Thrust
2	105-7983	1	Countershaft And Ring Gear ASM
3	92-0711	2	Washer-Thrust
4	92-0713	1	Collar
5	92-0714	2	Bearing
6	92-0715	1	Gear-Countershaft
7	92-0716	1	Collar
8	92-0717	1	Gear-Countershaft
10	92-0718	1	Shifter
11	105-7986	1	Collar-Spline
12	92-0712	1	Bearing-Ball
13	105-7987	2	Ring-Snap
14	92-0755	1	Ring-Snap
15	92-0783	1	Race-Inner



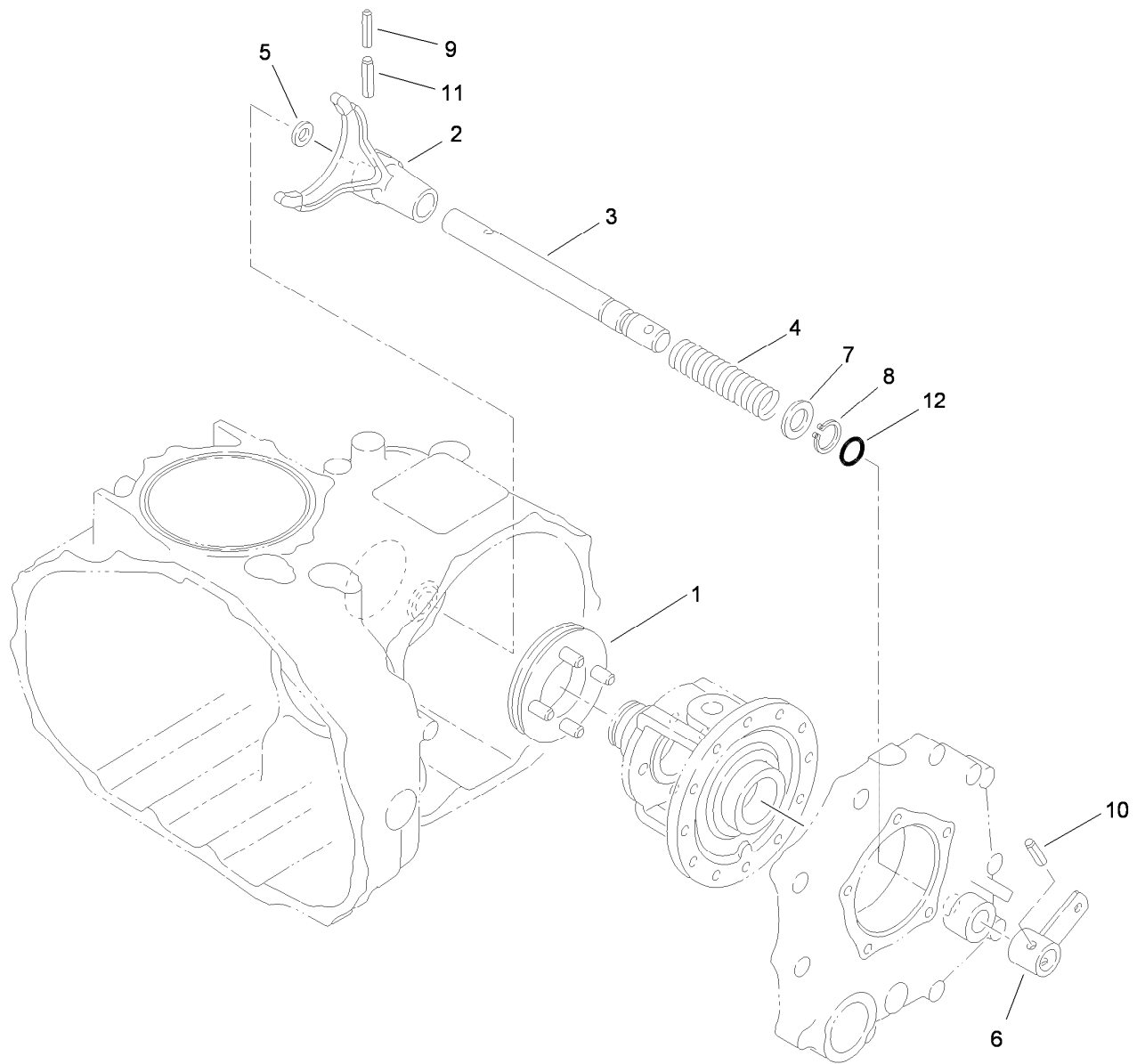
Differential Gear Assembly Transaxle Assembly No. 115-7783

Ref.	Part Number	Qty.	Description
1	92-0745	1	Gear-Side, LH
2	92-0746	1	Gear-Side, RH
3	92-0747	2	Side-Gear, Left Inner
4	92-0748	2	Pinion-Differential
5	92-0749	1	Shaft-Pinion
6	92-0750	2	Washer
7	92-0720	1	Case-Differential
8	92-0756	1	Ring-Snap
9	92-0765	2	Pin-Parallel
10	92-0768	1	Pin-Roll, Spring
11	92-0775	1	Bearing
12	92-0776	1	Bearing
13	92-0803	12	Bolt



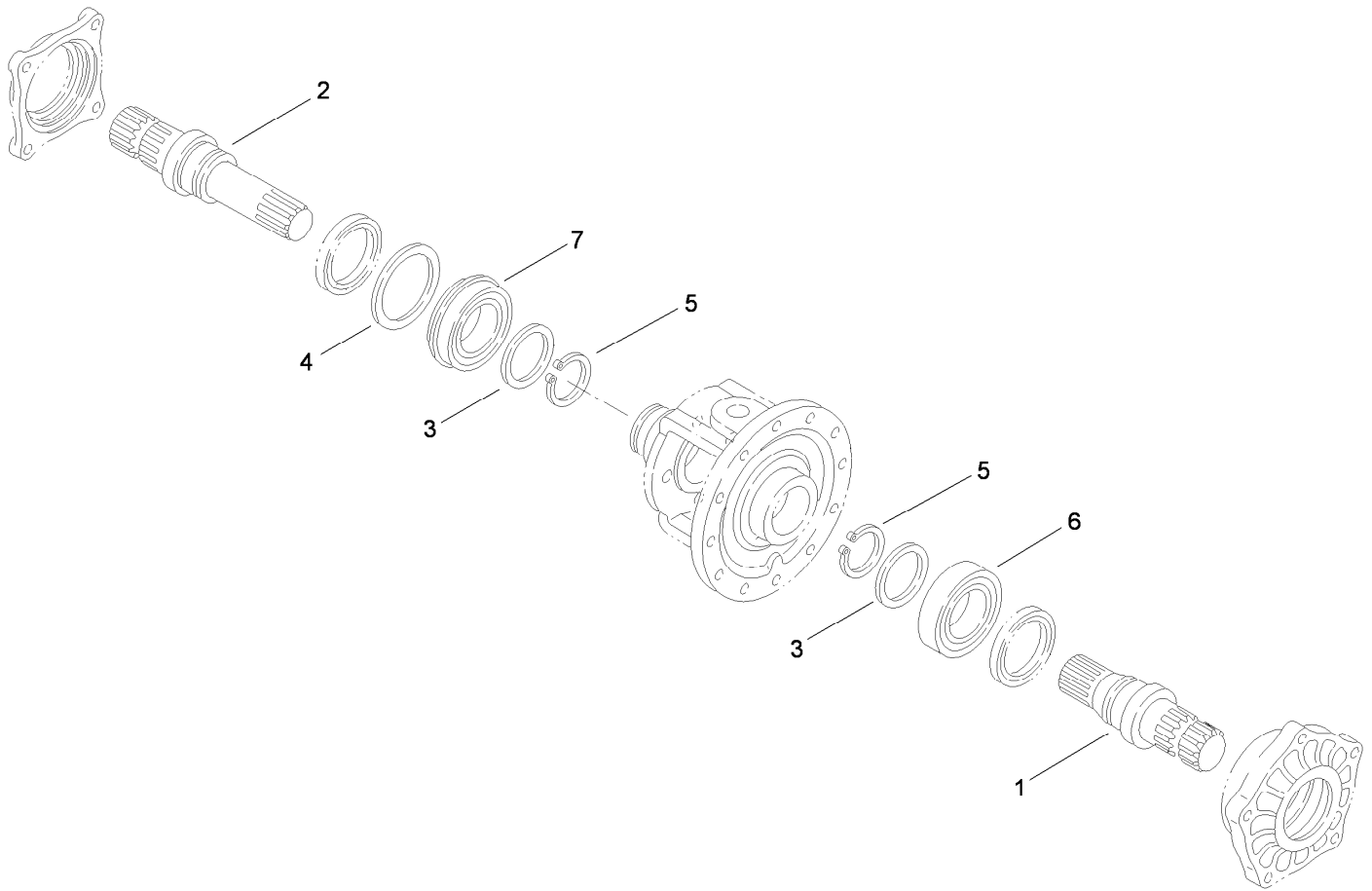
Differential Carrier Assembly Transaxle Assembly No. 115-7783

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	92-0654	1	Carrier-Differential
2	92-0809	1	Set-Shim
3	92-0760	1	Ring-Snap
4	92-0789	1	O-Ring
5	92-0793	1	Seal-Oil
6	33104-030	5	Screw-HHF



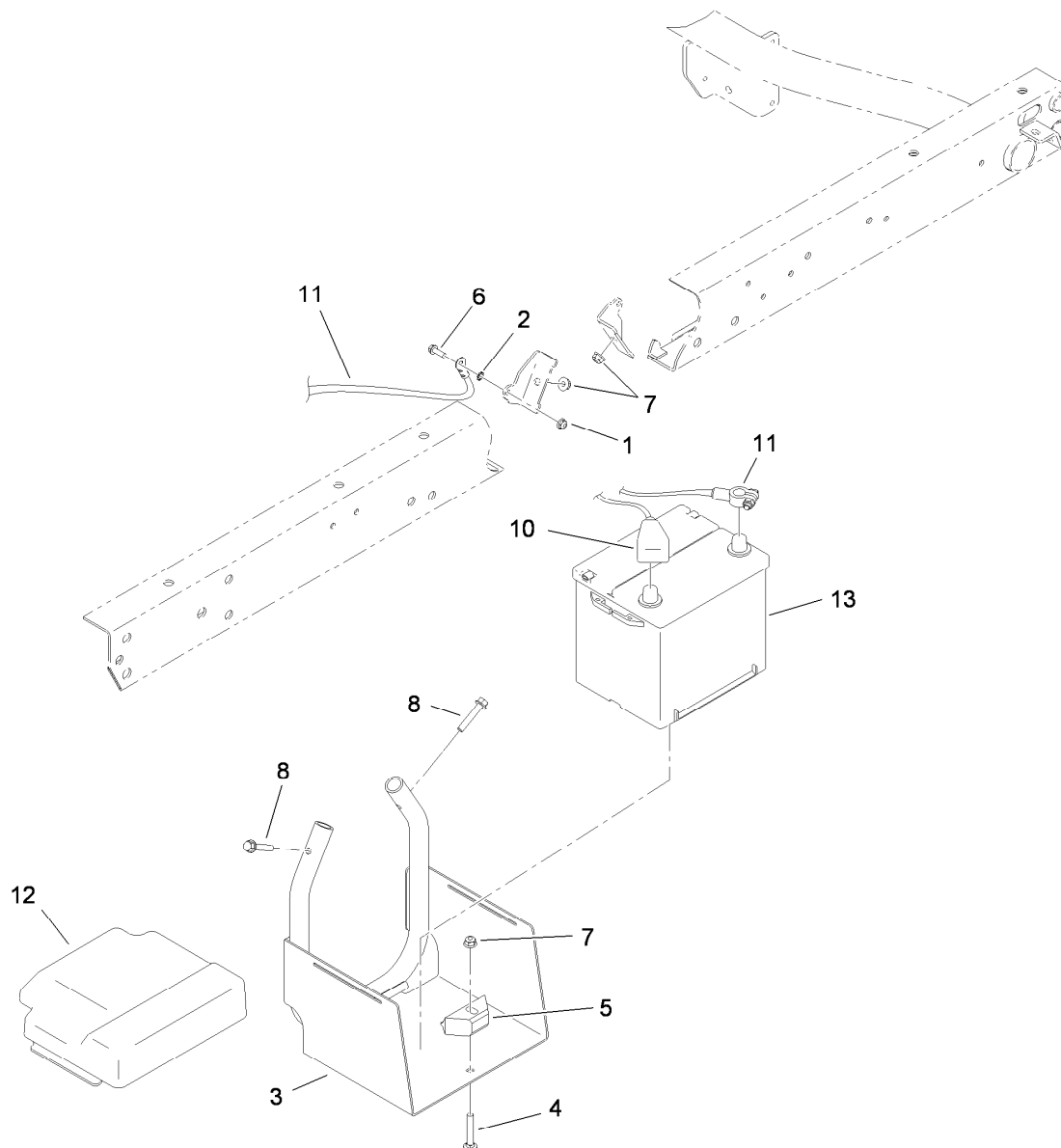
Differential Lock Assembly Transaxle Assembly No. 115-7783

Ref.	Part Number	Qty.	Description
1	92-0730	1	Slider-Differential, Lock
2	92-0721	1	Fork-Lock, Differential
3	92-0722	1	Shaft-Fork, Lock Differential
4	92-0723	1	Spring-Lock, Differential
5	92-0744	1	Washer
6	92-0724	1	Arm-Lock, Differential
7	92-0733	1	Washer
8	92-0753	1	Ring-Snap
9	92-0768	1	Pin-Roll, Spring
10	92-0770	1	Pin-Roll, Spring
11	92-0771	1	Pin-Roll, Spring
12	92-0787	1	O-Ring



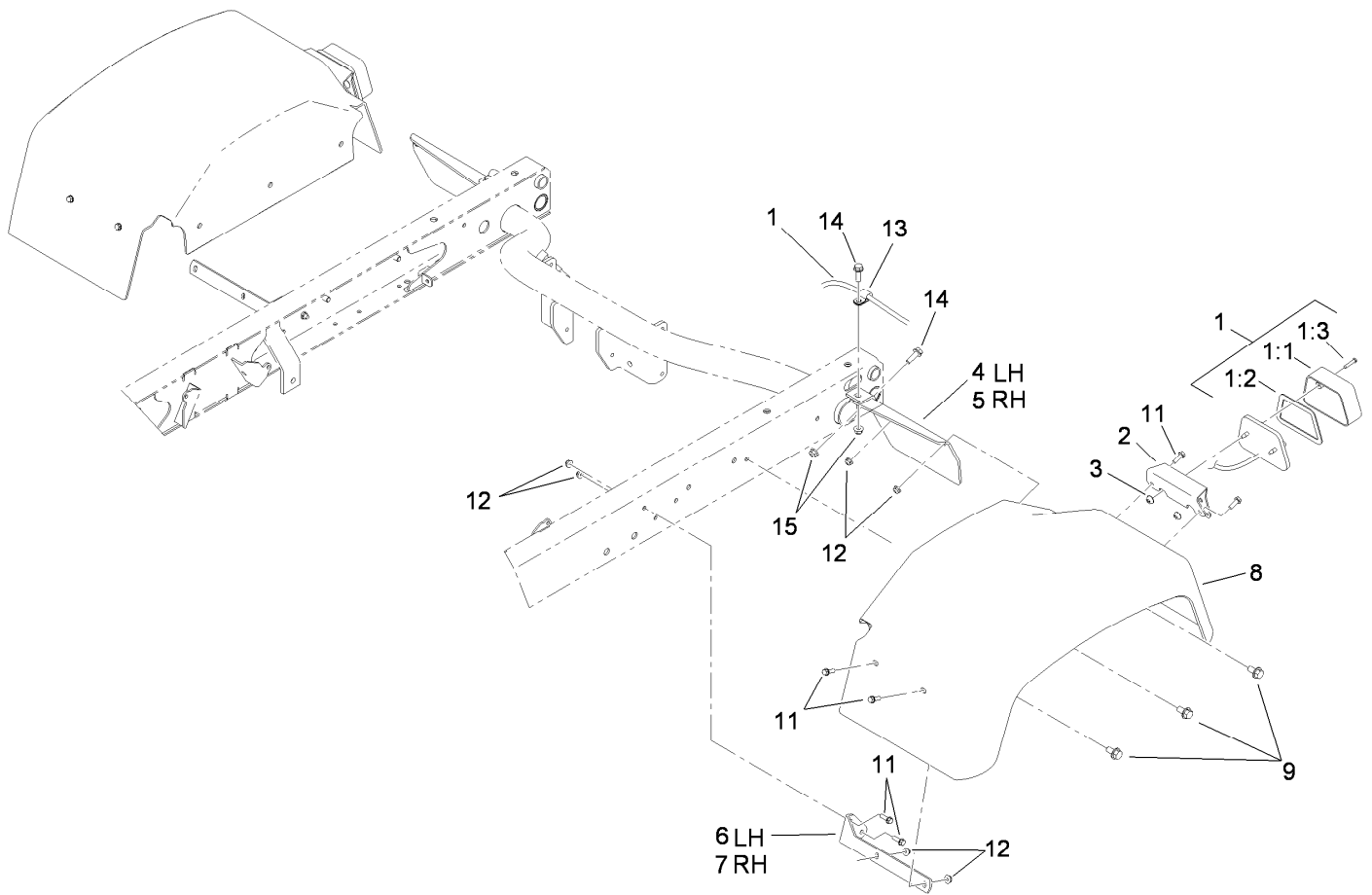
Axle Shaft Assembly Transaxle Assembly No. 115-7783

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	92-0725	1	Shaft-Axle, Left
2	92-0726	1	Shaft-Axle, Right
3	92-0727	2	Washer
4	92-0728	1	Washer
5	92-0756	2	Ring-Snap
6	92-0775	1	Bearing
7	92-0780	1	Bearing



Battery Assembly

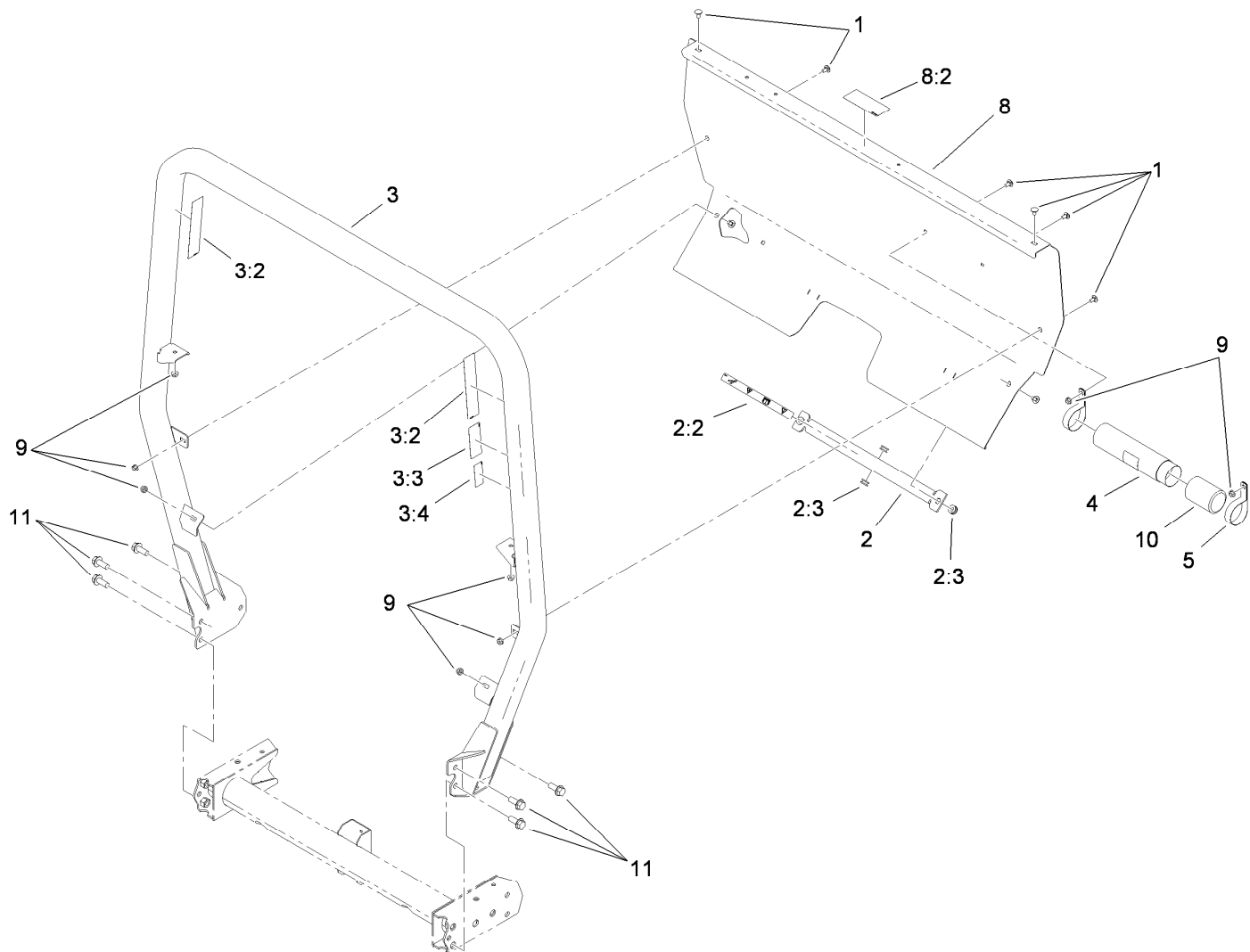
Ref.	Part Number	Qty.	Description
1	104-7201	1	Nut-HF, NI
2	3255-8	1	Washer-Lock
3	115-2237-03	1	Tray-Battery
4	3230-6	1	Bolt-CARR
5	66-2490	1	Retainer-Battery
6	32105-15	1	Screw-HWH
7	104-8300	3	Nut-HF, NI
8	94-5780	2	Screw-HWH
10	87-8000	1	Cable-Battery, Positive
11	115-8112	1	Cable-Battery, Negative
12	115-2448	1	Cover-Battery
13	106-5187	1	Battery- Dry, 12V, 525 CCA



Tail Light and Fender Assembly

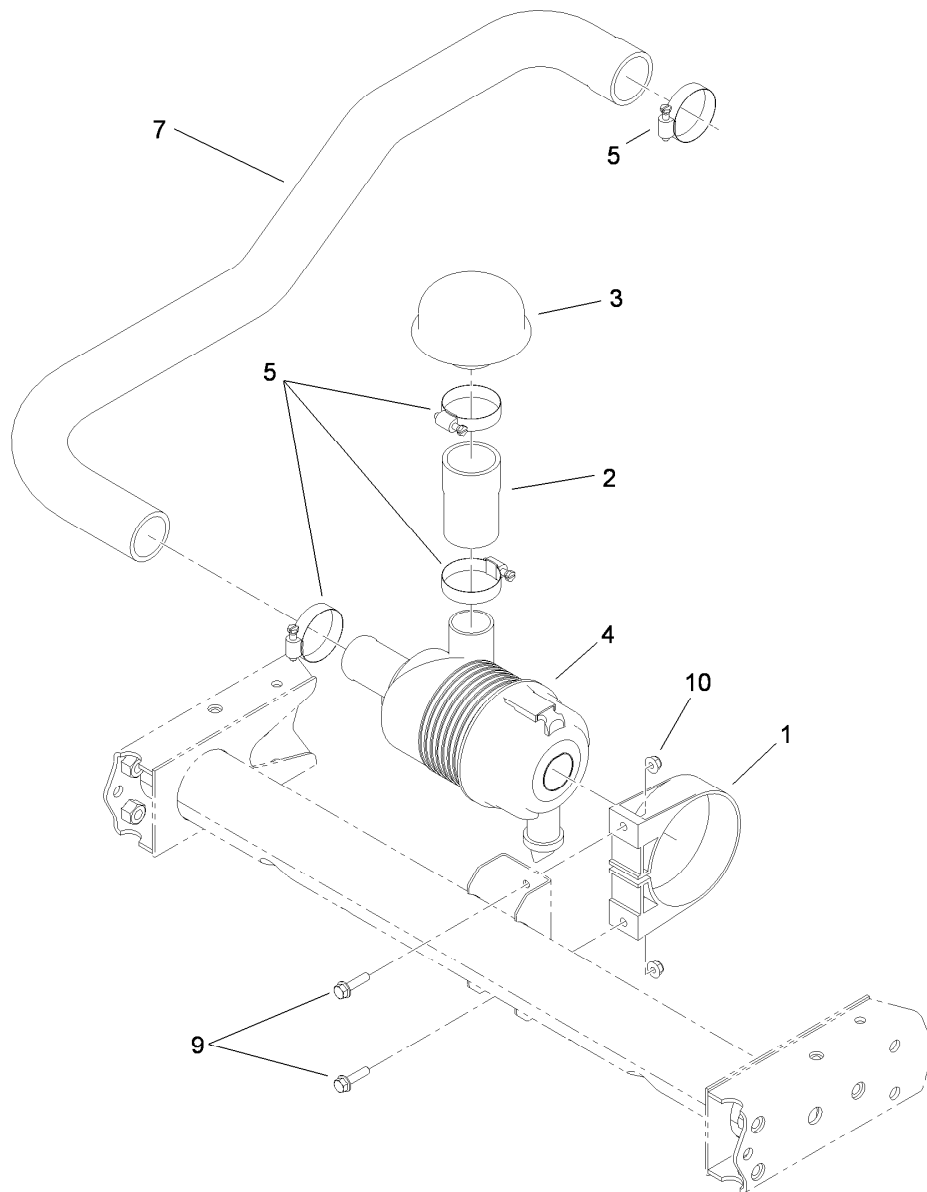
Ref.	Part Number	Qty.	Description
1	115-7745	2	Light-Tail, Brake
1:1	87-6300	1	Lens-Light, Tail
1:2	87-6310	1	Gasket-Light, Tail
1:3	32144-93	2	Screw-PPHTF
2	115-2289-03	2	Bracket-Light, Tail
3	3290-506	4	Palnut
4	93-8943-03	1	Bracket-Fender, Rear (LH)
5	93-8944-03	1	Bracket-Fender, Rear (RH)
6	93-8941-03	1	Bracket-Fender, Front (LH)

Ref.	Part Number	Qty.	Description
7	93-8942-03	1	Bracket-Fender, Front (RH)
8	87-6660	2	Fender-Rear
9	110-9380	6	Screw-HWH
11	32105-15	12	Screw-HWH
12	104-7201	12	Nut-HF, NI
13	2412-93	2	Clamp-R
14	3234-17	4	Screw-HHF
15	104-8300	4	Nut-HF, NI



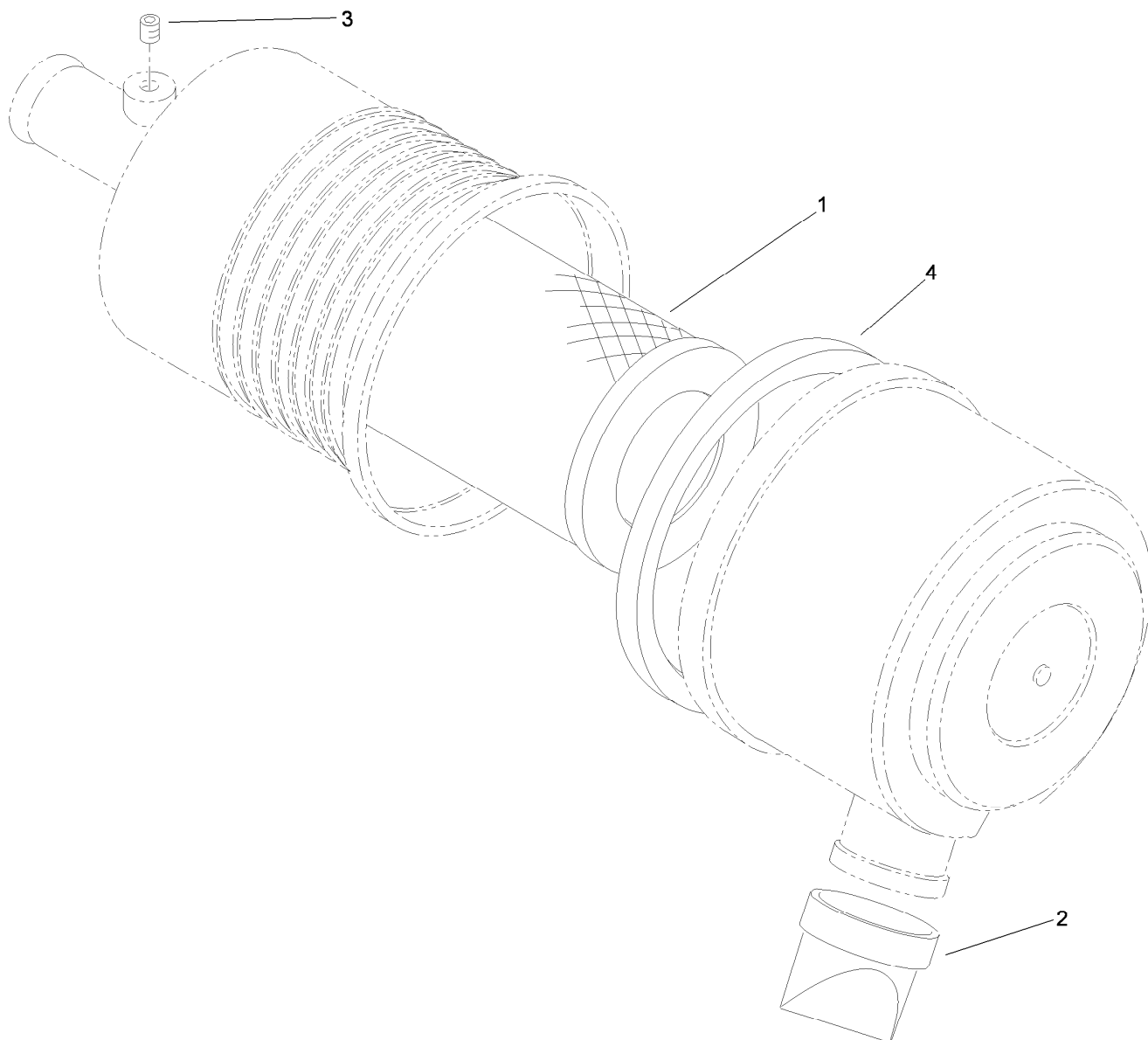
Roll-Over Protection System Assembly

Ref.	Part Number	Qty.	Description
1	3230-18	8	Screw-CARR
2	105-7960	1	Bed Support ASM
2:2	93-9852	1	Decal-Warning
2:3	92-5972	4	Grommet-Rubber
3	115-7910	1	ROPS ASM
3:2	106-7767	2	Decal-ROPS
3:3	93-9850	1	Decal-ROPS, CE
3:4	117-4969	1	Decal-ROPS, ISO
4	104-7050	1	Tube-Manual
5	2412-133	2	Clamp-R
8	115-2213	1	ROPS Cover ASM
8:2	105-4215	1	Decal-Caution
9	32128-20	8	Nut-HF
10	104-7048	1	Cap-Housing
11	3234-38	6	Screw-HHF



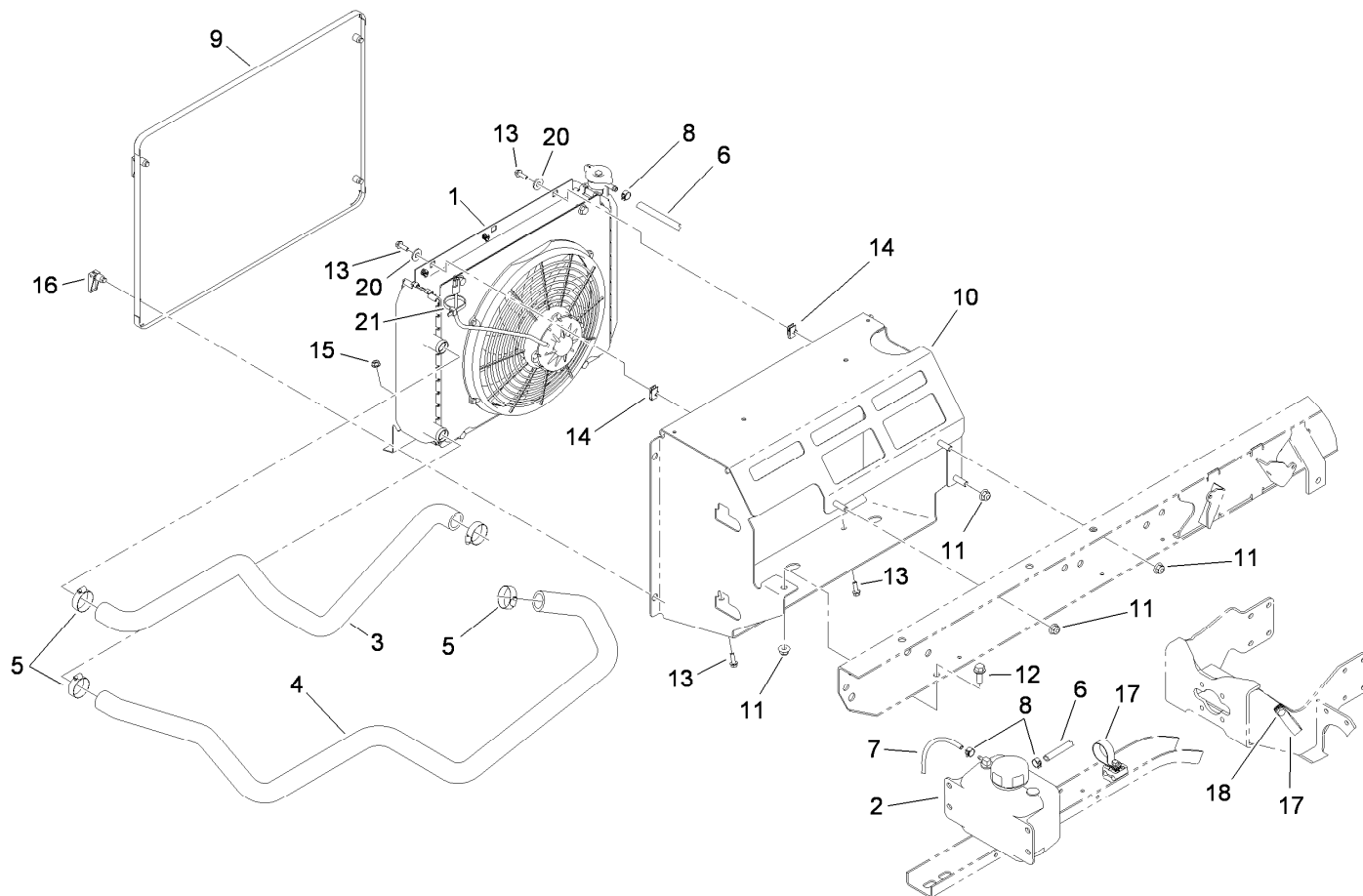
Air Cleaner Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	95-5806	1	Bracket-Mounting, Air Cleaner
2	107-7962	1	Hose-Cleaner, Air
3	46-7510	1	Hood-Inlet, Air
4	106-2416	1	Air Cleaner ASM
5	2412-92	4	Clamp-Hose
7	115-7755	1	Hose-Air Intake, Diesel
9	3234-36	2	Screw-HHF
10	104-8300	2	Nut-HF, NI



Air Cleaner Assembly No. 106-2416

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	108-3811	1	Filter-Air V-Twin HD
2	104-0498	1	Valve-Vacuator
3	285-17	1	Plug-Pipe
4	106-6748	1	Gasket

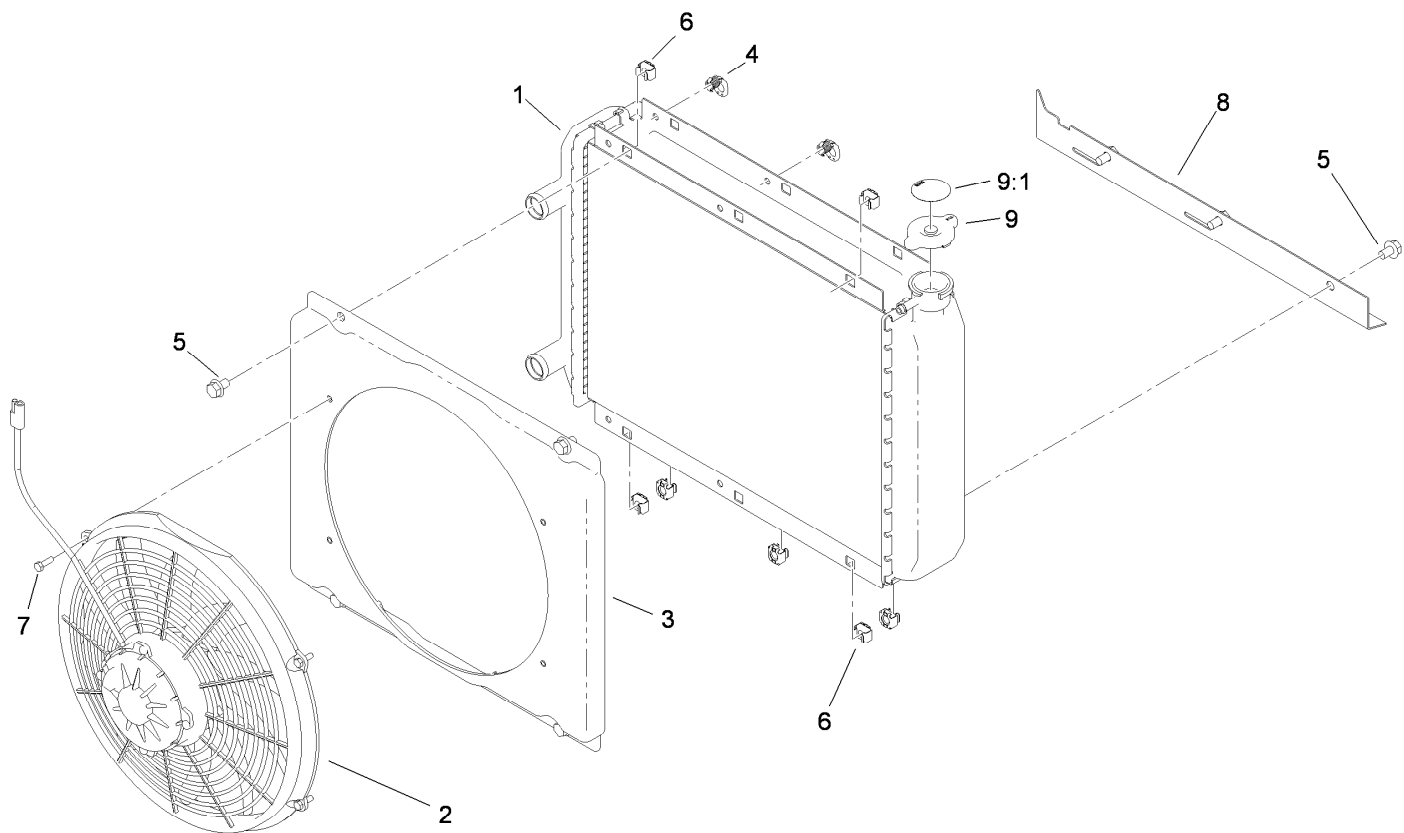


Cooling System Assembly

Ref.	Part Number	Qty.	Description
1		1	Radiator ASM ●
2	87-3710	1	Reservoir-Coolant
3	115-7753	1	Hose-Coolant, Upper
4	115-7752	1	Hose-Coolant, Lower
5	2412-34	4	Clamp-Hose
6	110-4114	1	Hose-Fuel
7	110-4104	1	Hose-Fuel
8	92-2379	3	Clamp-Hose
9	115-2428-03	1	Screen-Radiator
10	115-2434	1	Mount-Radiator

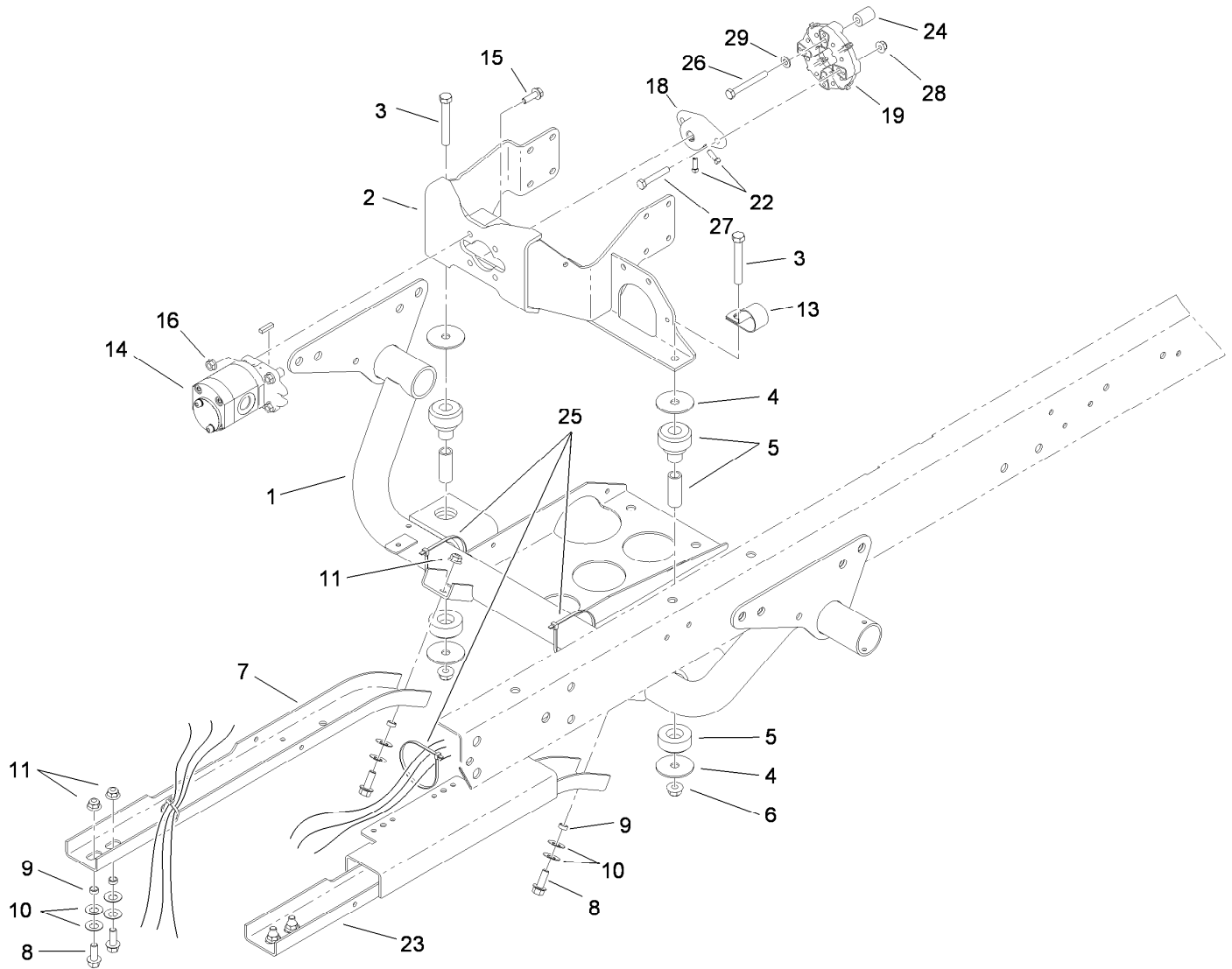
Ref.	Part Number	Qty.	Description
11	104-8301	4	Nut-HF, NI
12	3234-11	1	Screw-HHF
13	3234-4	4	Screw-HHF
14	107069	2	Clip
15	32128-33	2	Nut-HF
16	74-5950	4	Latch-Swell
17	2412-74	2	R-Clamp
18	32144-11	1	Screw-HWH
20	3256-3	2	Washer-Flat
21	3290-379	1	Tie-Cable

● Not serviced separately



Radiator Assembly

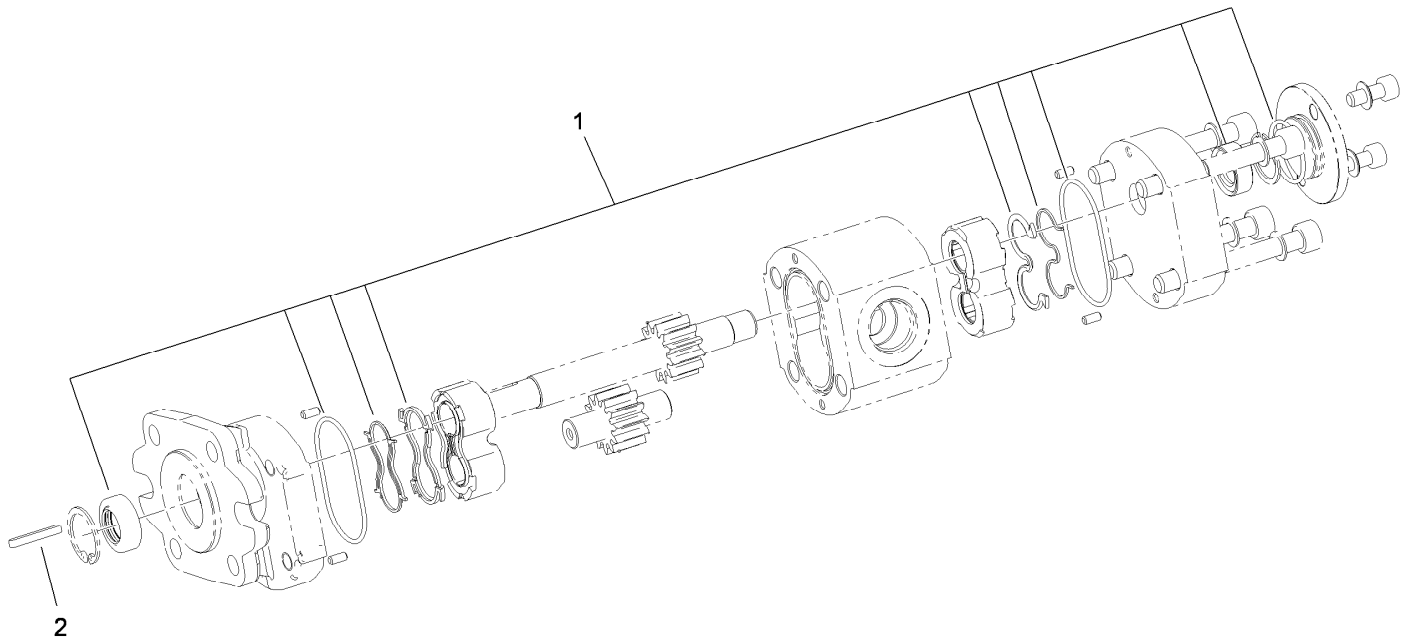
Ref.	Part Number	Qty.	Description
1	161-5356	1	Radiator Kit
2	114-8385	1	Fan-Electric
3	114-8386	1	Shroud
4	114-8387	2	Latch-Spring
5	3234-30	7	Screw-HHF
6	703856	7	Nut-Sq, Caged
7	60-6910	4	Screw-HH
8	115-7765	1	Plate-Mount, Lower
9	115-7766	1	Cap-Radiator
9:1	106-6755	1	Decal-Cap, Radiator



Engine Support Assembly

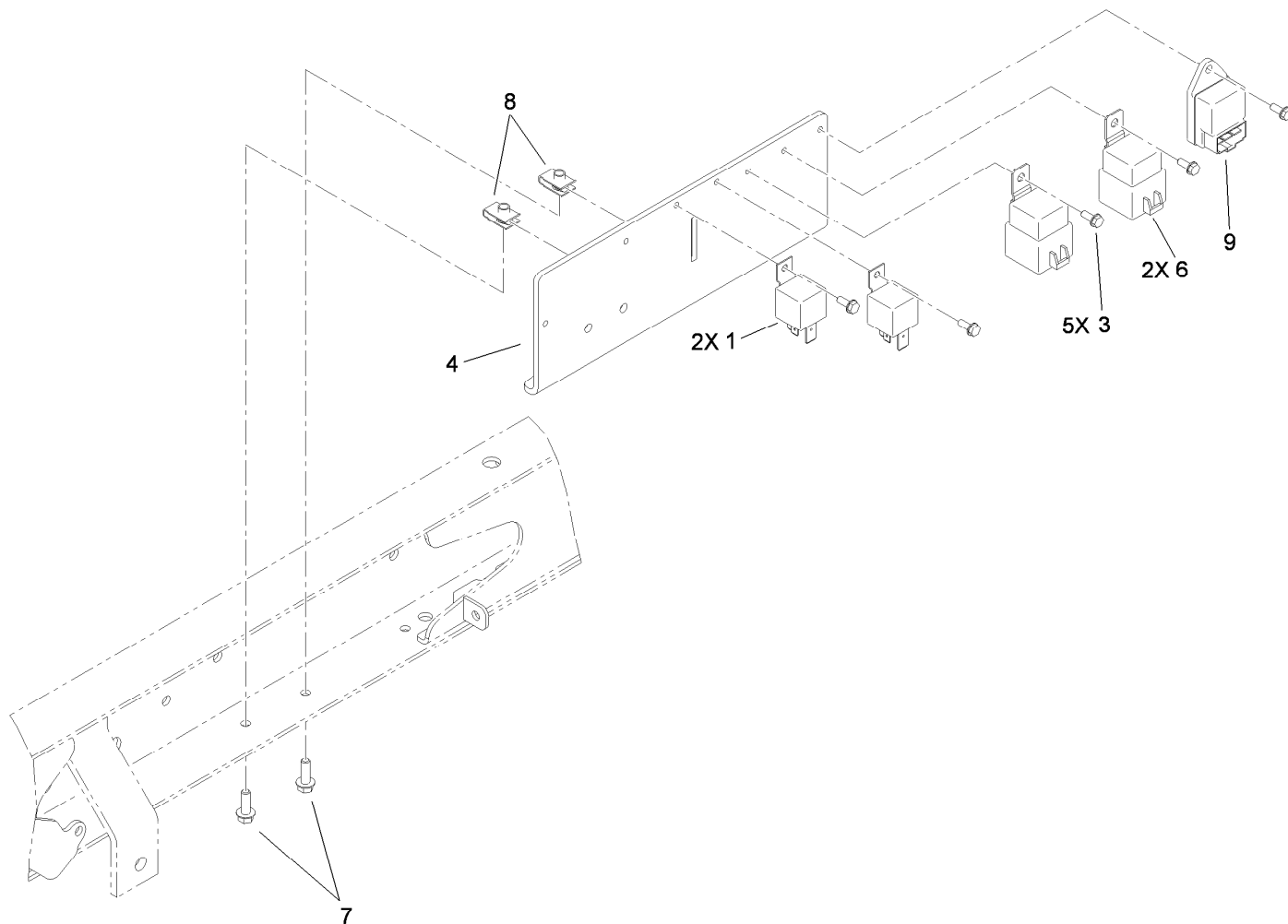
Ref.	Part Number	Qty.	Description
1	115-2256-03	1	Support-Engine
2	114-8443-03	1	Mount-Pump/Engine
3	324-13	2	Screw-HH
4	87-5100	4	Washer-Snubbing
5	106-7865	2	Mount-Engine
6	114-8417	2	Nut-HF, NI
7	87-4730-03	1	Guard-Belly
8	3234-11	6	Screw-HHF
9	76-9100	6	Spacer
10	3290-413	12	Washer-Belleville
11	104-8301	6	Nut-HF, NI
13	2412-82	1	Clamp-R
14	114-8302	1	HYD Pump ASM

Ref.	Part Number	Qty.	Description
15	3234-17	4	Screw-HHF
16	32128-20	4	Nut-HF
18	115-2169	1	Hub-Pump
19	119-0652	1	Coupler-Rubber
22	3241-6	2	Screw-SQH
23	115-2215-03	1	Guard-LH
24	119-0718	2	Spacer
25	3290-379	4	Tie-Cable
26	33114-070	2	Screw-HH
27	322-10	2	Screw-HH
28	104-8300	2	Nut-HF, NI
29	3256-23	2	Washer-Plain



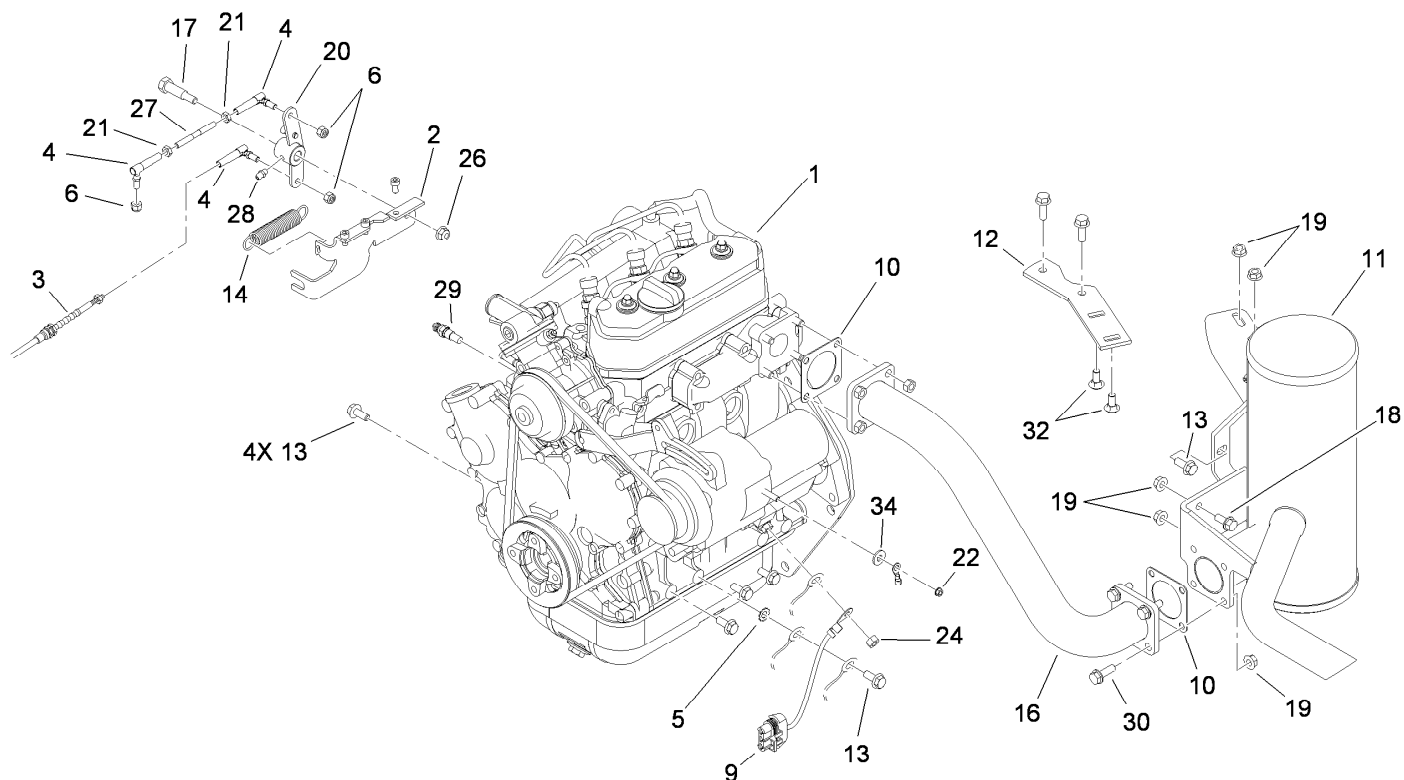
Hydraulic Gear Pump Assembly No. 114-8302

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	115-8696	1	Seal Kit
2	115-7855	1	Key-Square



Relay Assembly

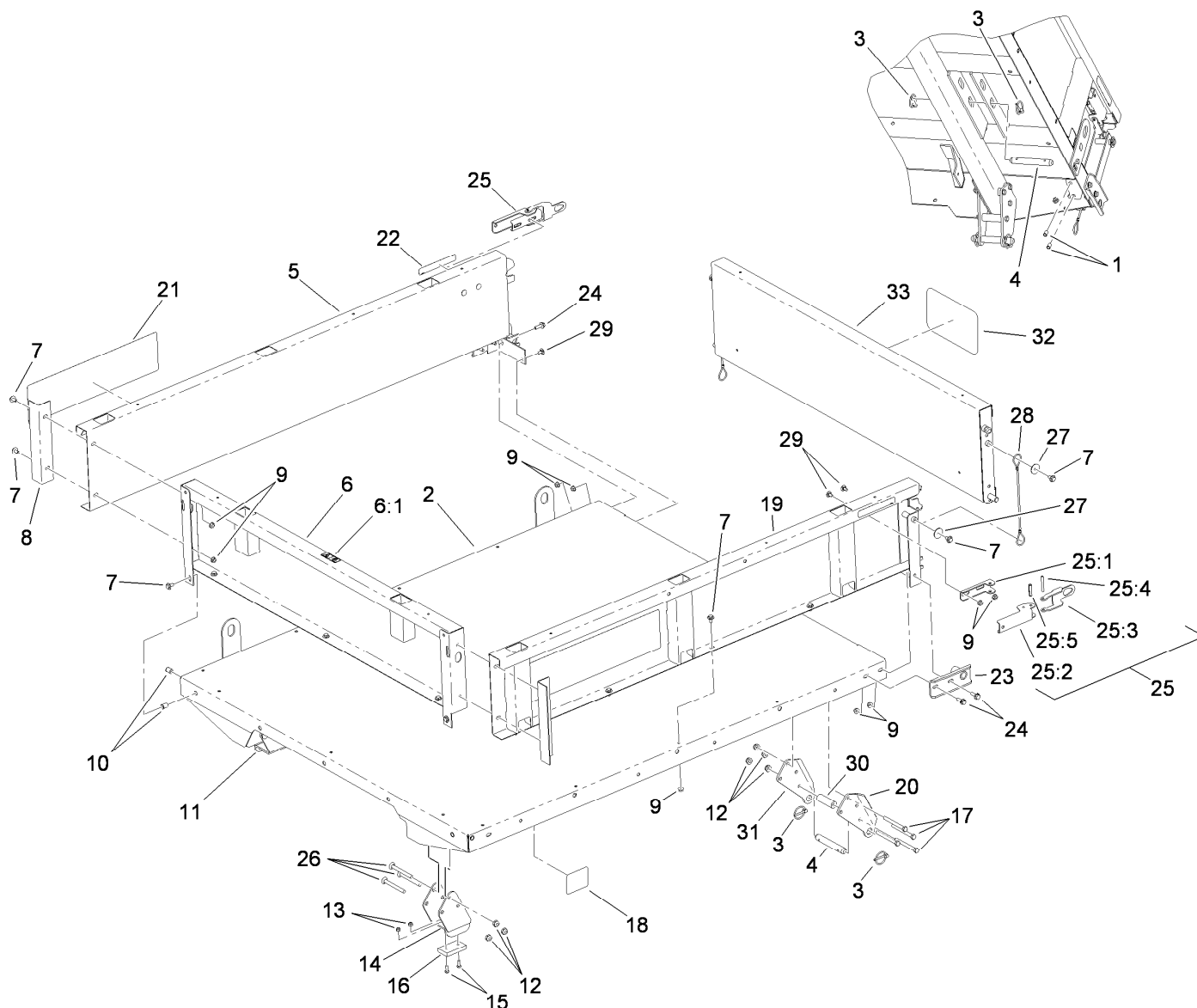
Ref.	Part Number	Qty.	Description
1	99-7435	2	Relay
3	32144-112	5	Screw-HWH
4	115-2225	1	Bracket-Relay
6	99-7430	2	Relay-Mini
7	3234-4	2	Screw-HHF
8	107069	2	Clip
9	115-2292	1	Timer-Glow Plug



Engine Assembly

Ref.	Part Number	Qty.	Description
1	114-8320	1	Engine ASM
2	106-2403	1	Bracket-Throttle, Diesel
3	115-2285	1	Cable-Accelerator
4	18-1720	3	Ball Joint
5	3255-8	1	Washer-Lock
6	3296-3	3	Nut-Lock
9	99-3441	1	Harness-Wire, Fusible Link
10	105-4209	2	Gasket-Muffler
11	115-7725	1	Muffler
12	105-9472	1	Plate-Mount, Muffler
13	98-7977	9	Screw-HHF
14	86-4760	1	Spring-Extension
16	108-3066	1	Exhaust Tube ASM
17	7-0030	1	Screw-Shoulder, HH

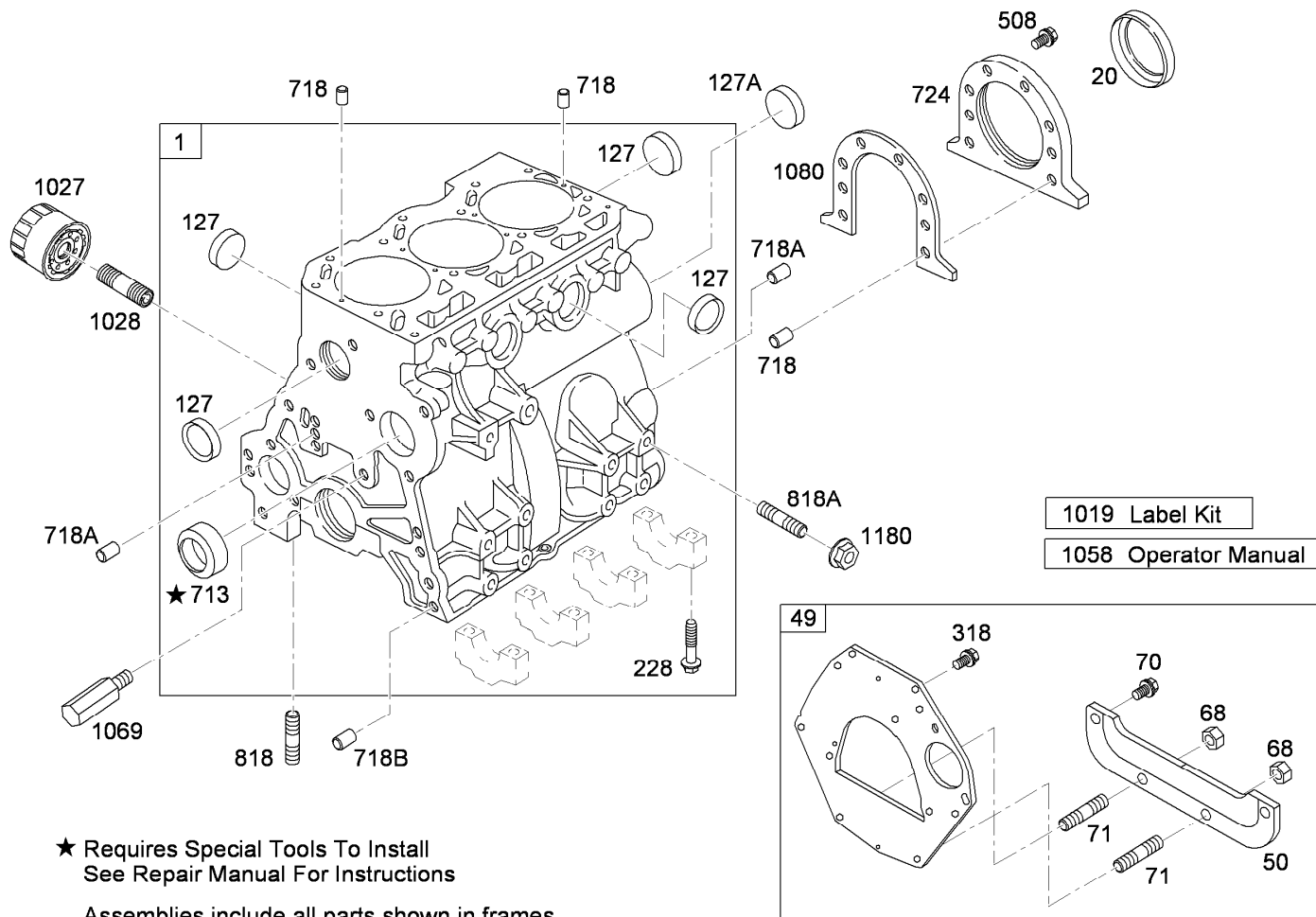
Ref.	Part Number	Qty.	Description
18	3234-5	2	Screw-HHF
19	32128-20	8	Nut-HF
20	115-2425	1	Bell Crank ASM
21	3220-1	2	Nut-Jam
22	33003-00	1	Nut-HF
24	33014-00	1	Nut-Hex
26	104-8300	1	Nut-HF, NI
27	105-1789	1	Rod-Threaded
28	302-5	1	Fitting-Grease
29	94-7621	1	Sender-Temperature
30	3234-17	4	Screw-HHF
32	3230-1	2	Bolt-CARR
34	3256-2	1	Washer-Flat



Full Bed and Side Panel Assembly

Ref.	Part Number	Qty.	Description
1	32148-6	4	Nut-Clinch
2	93-9724-03	1	Flatbed-Full
3	92-1298	8	Pin-Lynch
4	92-1233	4	Pin-Clevis
5	92-1255-03	1	Panel-Side, RH
6	92-5982	1	Front Panel ASM
6:1	115-7739	1	Decal-No Riders
7	3234-7	21	Screw-HHF
8	92-1320-03	2	Angle-Side
9	32128-20	27	Nut-HF
10	32148-7	4	Nut-Clinch
11	106-2423-03	1	Bracket-Spacer, RH
12	3296-44	14	Nut-Lock, NI
13	3296-42	4	Nut-Lock, NI
14	106-2422-03	1	Bracket-Spacer, LH
15	3250-45	4	Screw-SPH
16	93-9719	2	Block-Wear
17	323-42	8	Screw-HH
18	93-9899	2	Decal-Warning
19	92-1248-03	1	Panel-Side, LH

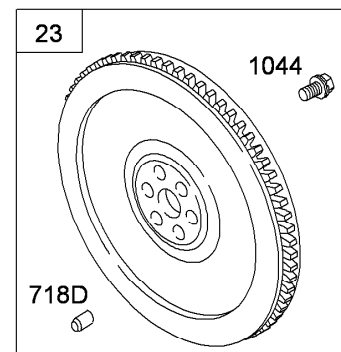
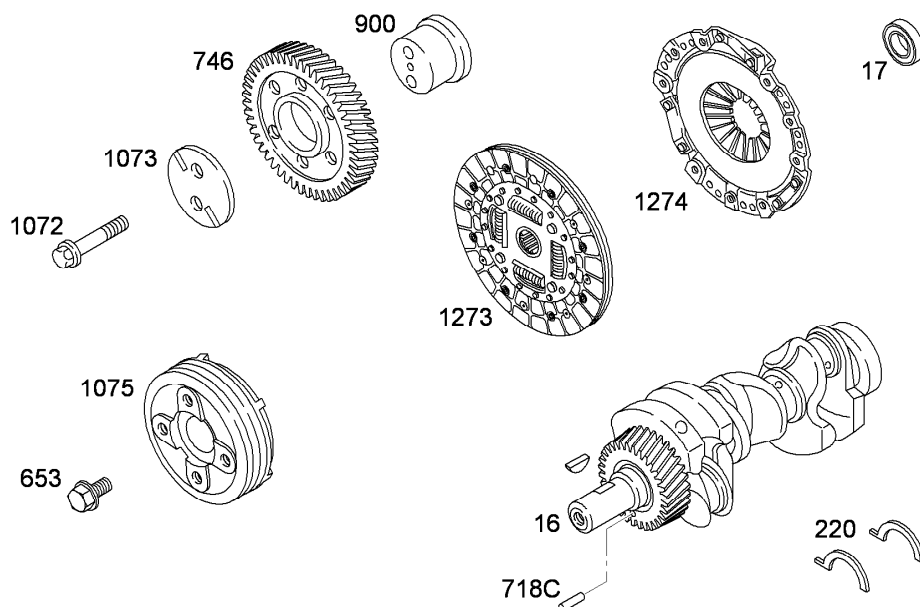
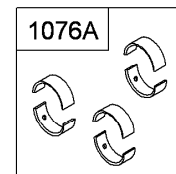
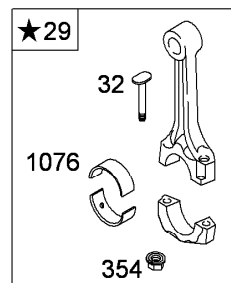
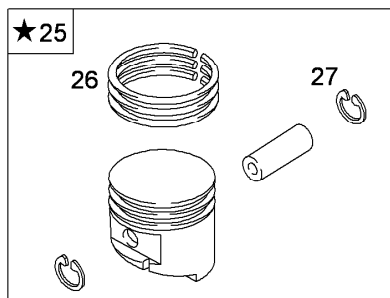
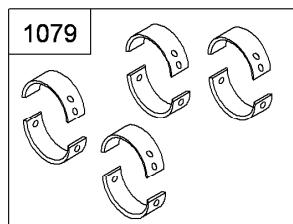
Ref.	Part Number	Qty.	Description
20	93-9720-03	2	Bracket-Pivot, Long (LH)
21	115-7915	2	Decal
22	93-9868	2	Decal-Caution
23	92-1265-03	2	Bracket-Pivot
24	3234-29	6	Screw-HHF
25	99-1123	2	Latch ASM
25:1	92-1271	1	Pivot-Latch
25:2	99-1113	1	Handle-Latch
25:3	99-1112	1	Plate-Retainer
25:4	32121-78	1	Pin-Roll
25:5	32121-25	1	Pin-Roll
26	3231-24	6	Screw-CARR
27	3256-57	4	Washer-Flat
28	93-9595	2	Lanyard
29	3230-18	6	Screw-CARR
30	93-9575	2	Tube-Pivot, Flatbed
31	93-9721-03	2	Bracket-Pivot, Long (RH)
32	105-4222	1	Decal
33	92-1259-03	1	Tailgate-Rear



Cylinder Assembly

Ref.	Part Number	Qty.	Description
1	107-9891	1	Cylinder Asm (9Mm Head Bolts)
20	99-9003	1	Seal-Oil (PTO Side)
49	115-2310	1	Backing Plate ASM
50	115-2309	1	Plate-Shield, End
68	99-9114	1	Nut-Hex, Metric (Water Plate Seal)
70	115-2307	1	Screw (Water Plate Seal)
71	115-2306	1	Stud (Water Plate Seal)
127	99-9008	1	Plug-Welch
127A	107-9892	1	Plug-Welch (Cam)
228	99-9006	1	Screw-Hex (Crankshaft Bearing Cap)
318	99-9005	1	Screw-Hex (Back Plate)
508	99-9004	1	Screw-Hex (Seal Retainer)

Ref.	Part Number	Qty.	Description
713	99-9002	1	Bushing
718	99-9012	1	Pin-Locating
718A	99-9013	1	Pin-Locating
718B	99-9014	1	Pin-Locating
724	99-9022	1	Retainer-Seal
818	99-9007	1	Stud-Metric
818A	99-9221	1	Stud-Standard
1019	110-2595	1	Label Kit
1027	108-3842	1	Filter-Oil
1028	105-9337	1	Adapter-Filter, Oil
1058	99-9602	1	Manual-Owners
1069	99-9020	1	Nozzle-Oil
1080	99-9021	1	Gasket-Retainer
1180	99-9176	1	Nut-Hex



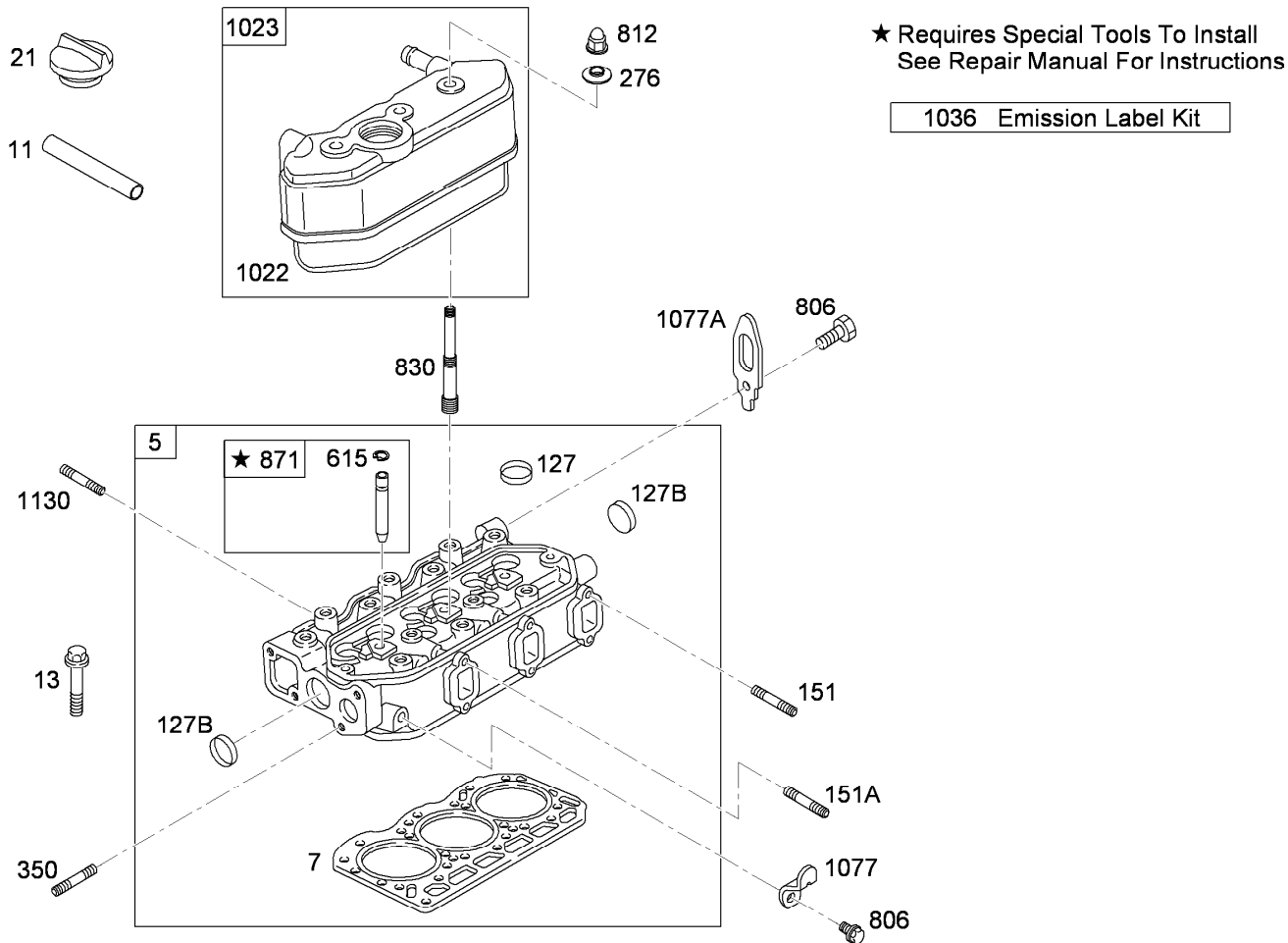
★ Requires Special Tools To Install
See Repair Manual For Instructions

Assemblies include all parts shown in frames

Crankshaft Assembly

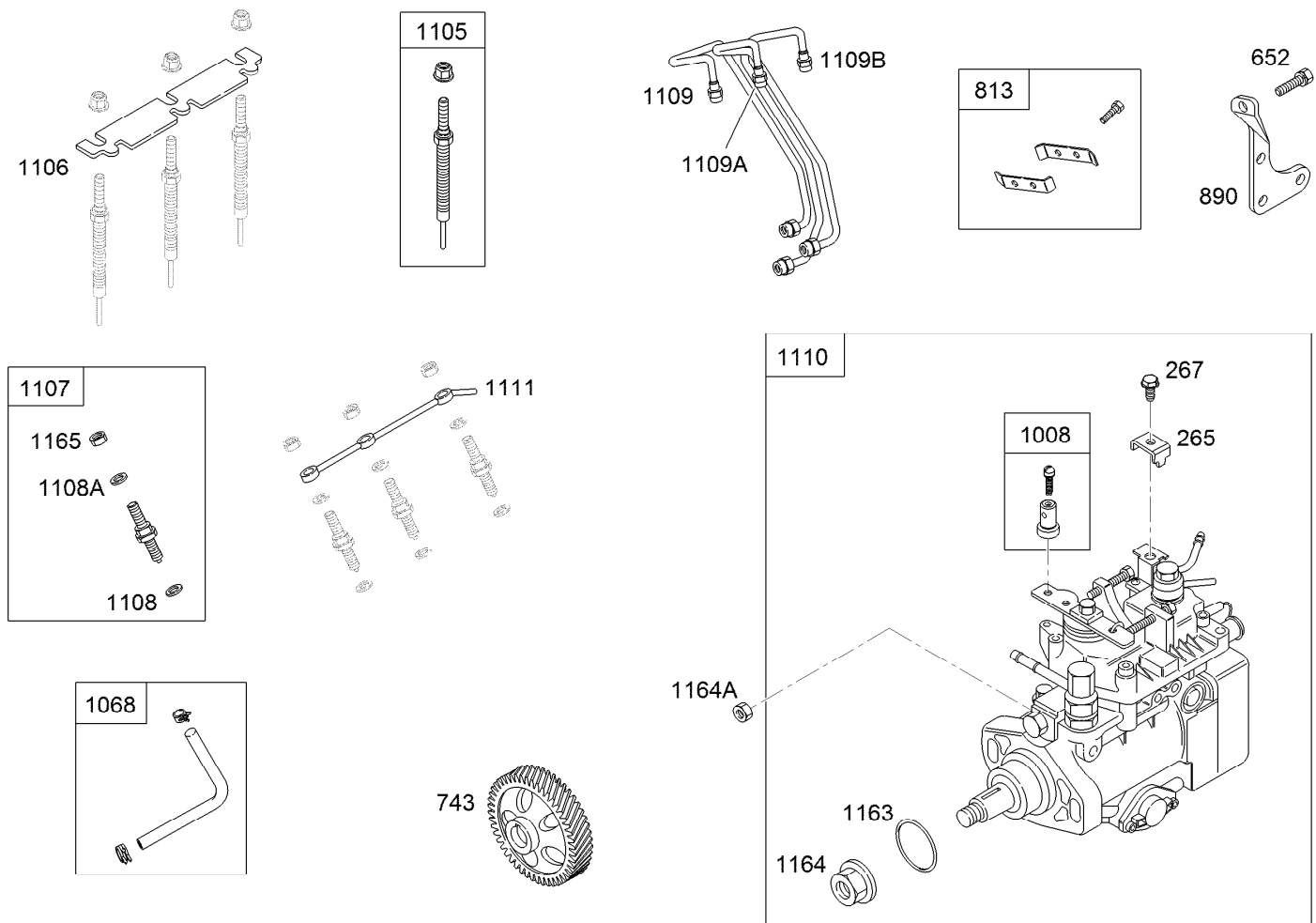
Ref.	Part Number	Qty.	Description
16	105-9339	1	Crankshaft
17	105-9324	1	Bearing-Ball, Radial
23	105-9323	1	Flywheel ASM
25	107-9895	1	Piston ASM
25	107-9896	1	Piston ASM (Oversize)
26	105-9340	1	Ring Set
26	99-9269	1	Ring Set (.010 Oversized)
27	99-9607	1	Lock-Pin, Piston
29	117-8838	1	Rod-Connecting
32	99-9030	1	Screw
220	99-9035	1	Shim-Endplay
220	99-9036	1	Shim-Endplay (.005 Oversized)
354	99-9034	1	Nut-Hex
653	107-9897	1	Screw-Hex
718C	99-9037	1	Pin-Locating

Ref.	Part Number	Qty.	Description
718D	106-1852	1	Pin-Locating
746	99-9609	1	Gear-Drive
900	99-9039	1	Shaft-Gear
1044	99-9031	1	Screw-Hex
1072	99-9032	1	Screw-Hex
1073	99-9040	1	Plate-Gear, Idler
1075	99-9041	1	Pulley-Crankshaft
1076	99-9043	1	Rod Bearing Set
1076A	99-9043	1	Rod Bearing Set
1076A	99-9044	1	Rod Bearing Set (.010 Undersized)
1079	99-9045	1	Main Bearing Set (Set Of 8)
1079	99-9046	1	Main Bearing Set (.010 Undersized)
1273	104-9219	1	Disc-Clutch
1274	104-9231	1	Plate-Pressure, Clutch



Cylinder Head Assembly

Ref.	Part Number	Qty.	Description
5	110-2596	1	Head-Cylinder
7	107-9898	1	Gasket-Head, Cylinder
11	105-9342	1	Tube-Breather
13	99-9614	1	Screw-Metric (Cylinder Head)
21	99-9052	1	Cap-Fill, Oil
127	99-9060	1	Plug-Welch
127B	99-9008	1	Plug-Welch
151	99-9058	1	Stud-Metric (Exhaust Manifold)
151A	99-9059	1	Stud-Metric (Exhaust Manifold)
276	99-9063	1	Washer-Seal (Rocker Cover)
350	99-9057	1	Stud-Metric (Water Pump)
615	99-9067	1	Retainer (Valve Guide Bushing)
806	99-9054	1	Screw-Hex (Lifting Bracket)
812	99-9061	1	Nut-Hex, Metric (Rocker Cover)
830	99-9101	1	Stud (Rocker Cover)
871	99-9070	1	Bushing-Guide
1022	99-9073	1	Gasket-Cover, Rocker
1023	100-6402	1	Cover-Rocker
1036	99-9615	1	Emission Label Kit
1077	99-9076	1	Bracket-Lifting
1077A	99-9077	1	Bracket-Lifting
1130	99-9055	1	Stud-Metric (Intake Manifold)

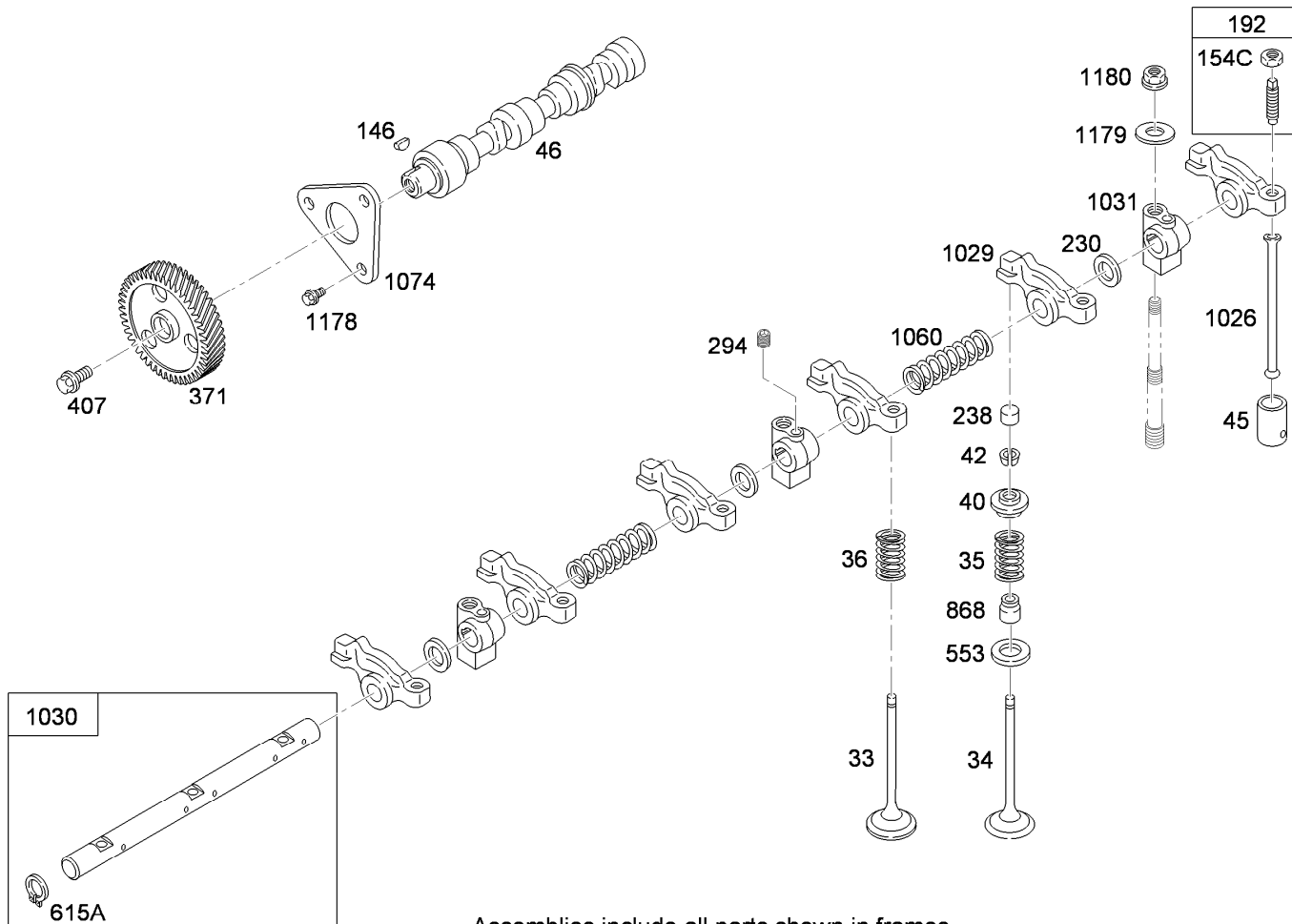


Assemblies include all parts shown in frames

Injection Pump Assembly

Ref.	Part Number	Qty.	Description
265	99-9688	1	Clamp-Casing
267	100-6403	1	Screw-Metric (Casing Clamp)
652	99-9616	1	Screw-Hex (Support Bracket)
743	99-9624	1	Gear-Drive
813	99-9625	1	Clamp
890	99-9626	1	Bracket-Support
1008	99-9628	1	Clamp-Swivel
1068	99-9629	1	Hose / Clamp ASM
1105	114-4695	1	Plug-Glow
1106	99-9631	1	Strap-Plug, Glow
1107	114-4696	1	Injection Nozzle
1108	99-9633	1	Seat-Injector

Ref.	Part Number	Qty.	Description
1108A	105-9343	1	Seat-Injector
1109	99-9690	1	Pipe-Injector, No. 1
1109A	99-9634	1	Pipe-Injector, No. 2
1109B	99-9635	1	Pipe-Injector, No. 3
1110	115-2294	1	Pump-Injection
1111	99-9637	1	Pipe-Return, Fuel
1163	99-9618	1	O-Ring (Injection Pump Shaft)
1164	99-9619	1	Nut-Hex, Metric (Injection Pump Shaft)
1164A	99-9620	1	Nut-Hex, Metric (Injection Pump)
1165	105-9345	1	Nut (Injector Nozzle)

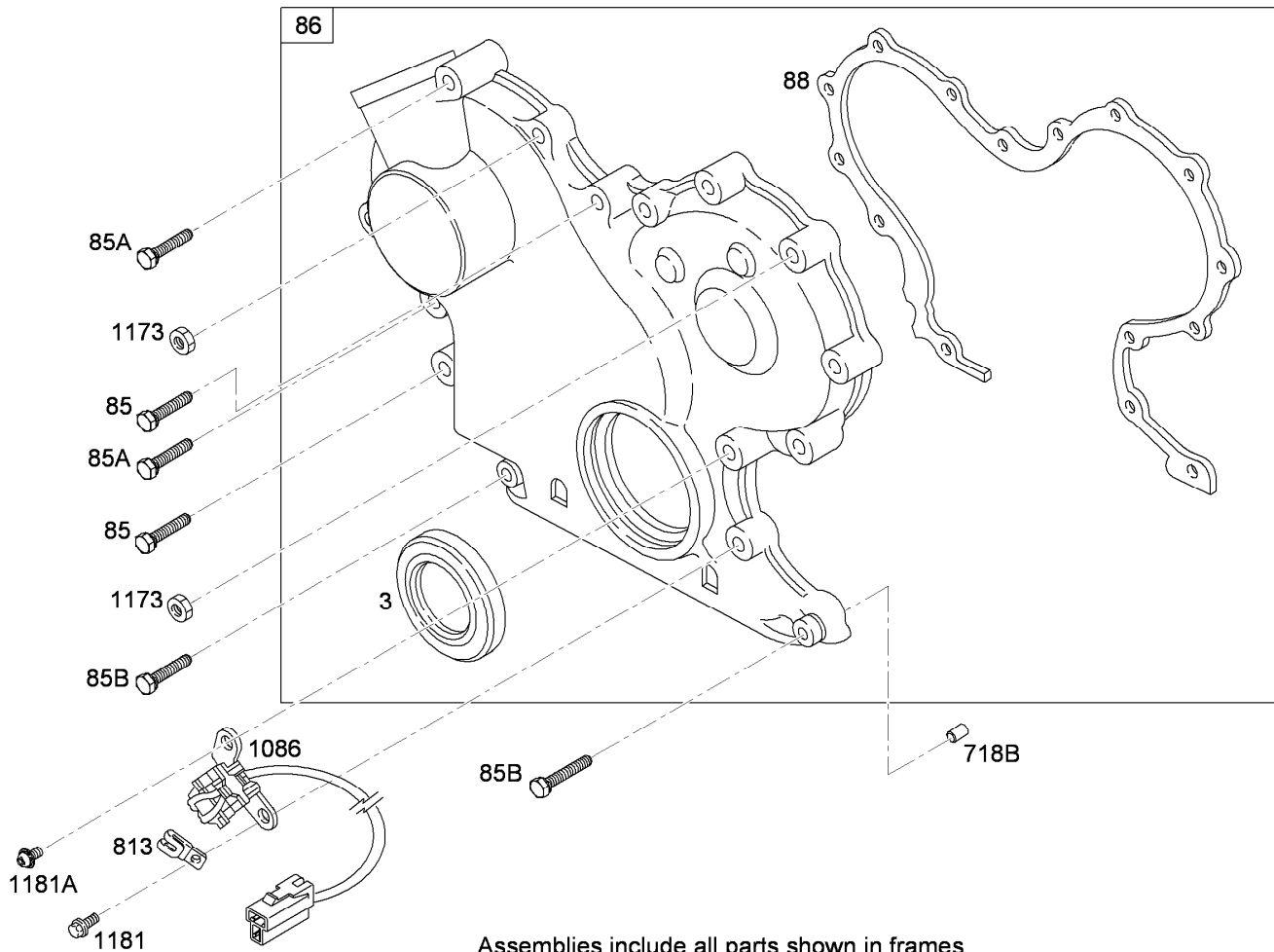


Assemblies include all parts shown in frames

Camshaft Assembly

Ref.	Part Number	Qty.	Description
33	99-9638	1	Valve-Exhaust
34	99-9639	1	Valve-Intake
35	99-9640	1	Spring-Valve (Intake)
36	99-9640	1	Spring-Valve (Exhaust)
40	99-9084	1	Retainer-Valve
42	99-9086	1	Keeper-Valve (Set)
45	99-9088	1	Tappet-Valve
46	99-9097	1	Shaft-Cam
146	99-9675	1	Key-Timing
154C	99-9091	1	Nut-Hex, Metric
192	112-2978	1	Adjuster-Arm, Rocker
230	99-9093	1	Washer-Spacer (Rocker Arm Shaft)
238	112-2979	1	Cap-Valve
294	99-9090	1	Screw-Metric (Rocker Arm Support)
371	99-9641	1	Gear-Cam

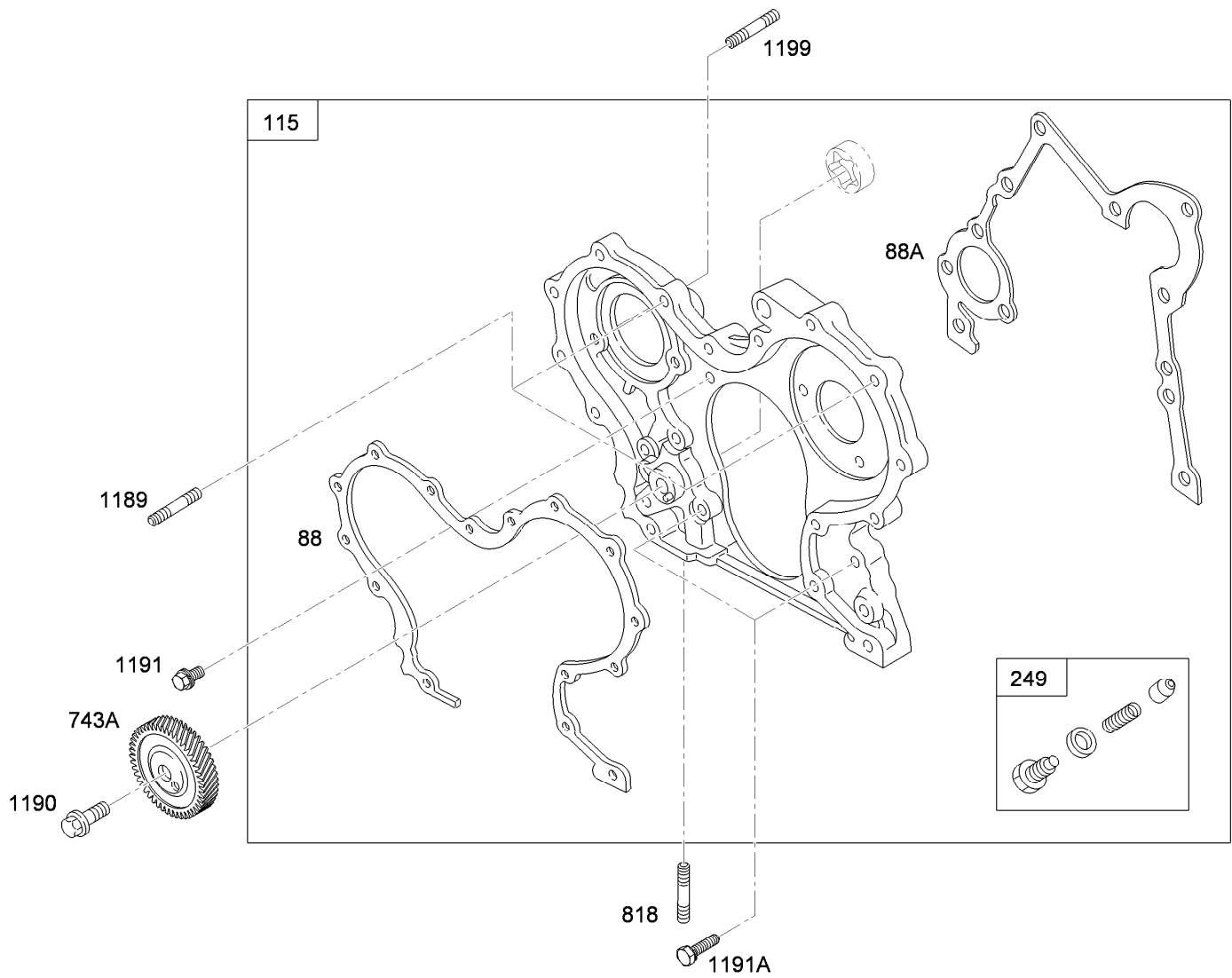
Ref.	Part Number	Qty.	Description
407	99-9085	1	Screw-Metric
553	99-9096	1	Seat-Spring, Valve
615A	99-9099	1	Retainer (Rocker Arm Shaft)
868	99-9643	1	Seal-Valve
1026	112-2980	1	Rod-Push
1029	99-9104	1	Arm-Rocker
1030	99-9106	1	Shaft-Arm, Rocker
1031	99-9107	1	Support-Arm, Rocker
1060	99-9108	1	Spring-Shaft, Rocker
1074	99-9109	1	Retainer-Camshaft
1178	99-9083	1	Screw-Hex (Camshaft Retainer)
1179	99-9079	1	Washer-Flat (Rocker Arm Support)
1180	99-9091	1	Nut-Hex, Metric (Rocker Arm Support)



Assemblies include all parts shown in frames

Gear Cover Assembly

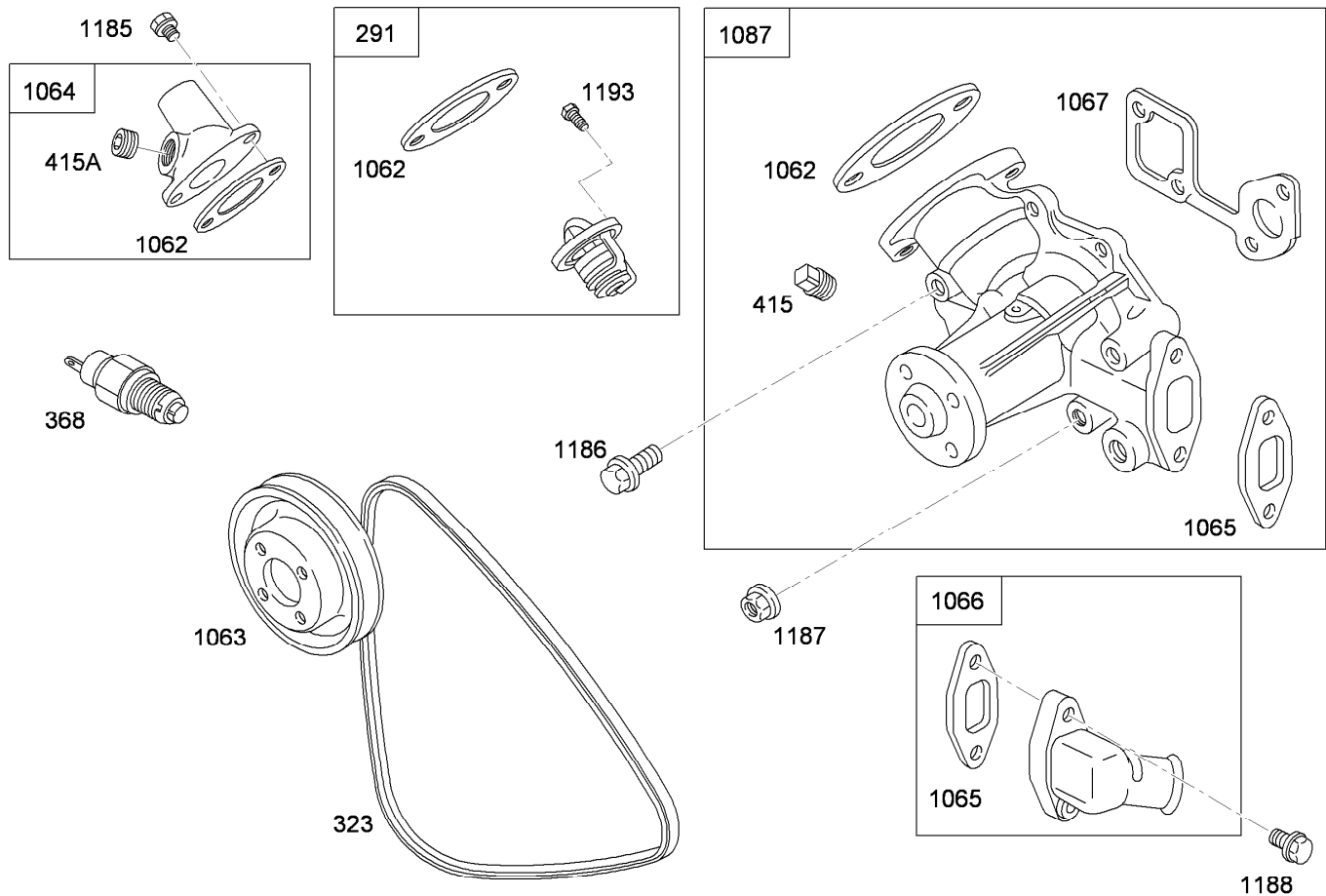
Ref.	Part Number	Qty.	Description
3	115-2291	1	Seal-Oil (Magneto Side)
85	99-9651	1	Screw-Hex (Gear Cover To Gear Reduction Case)
85A	99-9128	1	Screw-Hex (Gear Cover To Gear Reduction Case)
85B	99-9129	1	Screw-Hex (Gear Cover To Gear Reduction Case)
86	115-2338	1	Gear Cover ASM
88	99-9653	1	Gasket-Cover, Gear
718B	99-9014	1	Pin-Locating
813	99-9208	1	Clamp
1086	117-4920	1	Trigger-Ignition
1173	99-9114	1	Nut-Hex, Metric (Gear Cover)
1181	99-9128	1	Screw-Hex (Gear Cover To Gear Reduction Case)
1181A	99-9210	1	Screw-Phillips (Ignition Trigger)



Assemblies include all parts shown in frames

Gear Housing Assembly

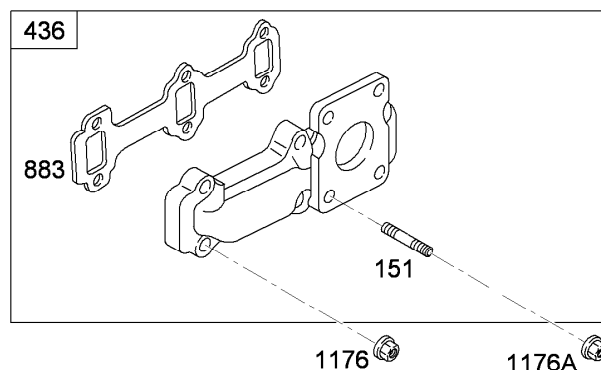
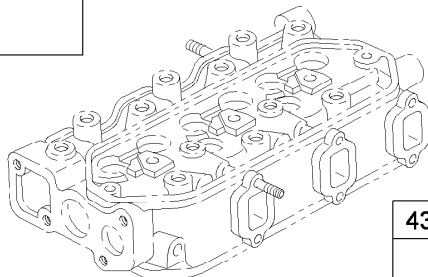
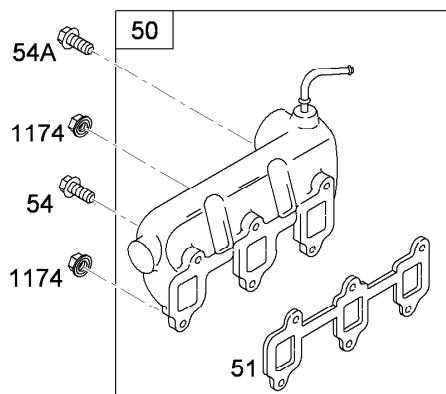
Ref.	Part Number	Qty.	Description
88	99-9653	1	Gasket-Cover, Gear
88A	99-9136	1	Gasket-Cover, Gear Reduction
115	99-9655	1	Housing-Gear
249	99-9142	1	Valve-Relief, Oil
743A	99-9656	1	Gear-Drive
818	99-9007	1	Stud-Metric
1189	99-9137	1	Stud-Metric
1190	99-9616	1	Screw-Hex
1191	99-9134	1	Screw-Hex
1191A	99-9133	1	Screw-Hex
1199	99-9654	1	Stud-Metric



Assemblies include all parts shown in frames

Water Pump Assembly

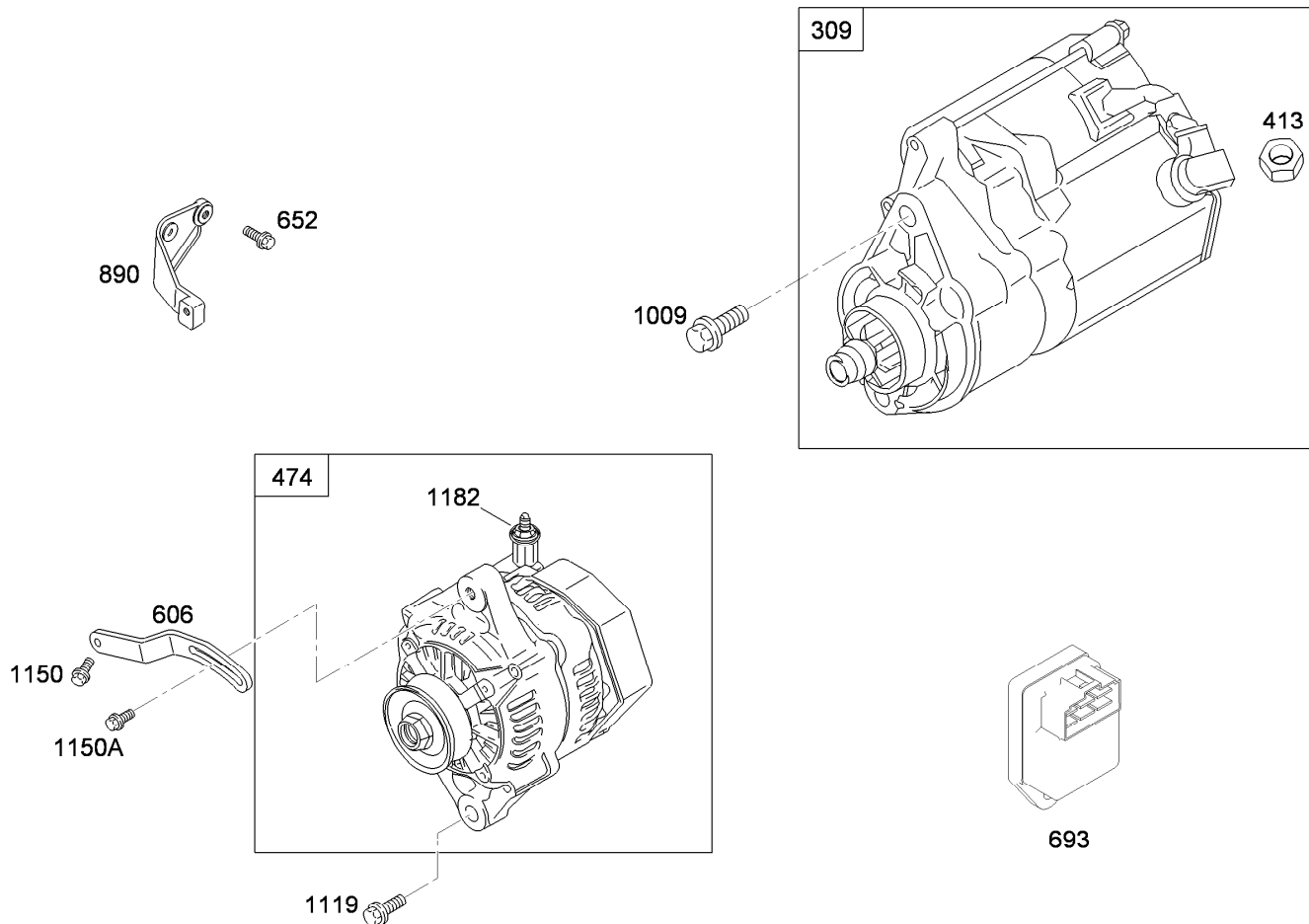
Ref.	Part Number	Qty.	Description
291	99-9155	1	Thermostat
323	117-4922	1	Belt-Vee
368	117-4923	1	Switch-Temperature, Water
415	99-9159	1	Plug (Water Pump)
415A	99-9158	1	Plug (Outlet Housing)
1062	99-9163	1	Gasket-Housing, Outlet
1063	99-9164	1	Pulley-Pump
1064	99-9165	1	Housing-Outlet
1065	99-9166	1	Gasket-Housing, Inlet
1066	99-9167	1	Housing-Inlet
1067	99-9168	1	Gasket-Pump, Water
1087	105-9348	1	Pump-Water
1185	99-9004	1	Screw-Hex (Outlet Housing)
1186	99-9151	1	Screw-Hex (Water Pump)
1187	99-9153	1	Nut-Hex, Metric (Water Pump)
1188	99-9004	1	Screw-Hex (Inlet Housing)
1193	99-9152	1	Screw-Metric (Thermostat)



Assemblies include all parts shown in frames

Manifold Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
50	99-9661	1	Manifold-Intake
51	99-9662	1	Gasket-Intake
54	99-9083	1	Screw-Hex (Intake Manifold)
54A	99-9660	1	Screw-Hex (Intake Manifold)
151	99-9174	1	Stud-Manifold, Exhaust
436	99-9177	1	Manifold-Exhaust
883	106-1855	1	Gasket-Exhaust
1174	99-9114	1	Nut-Hex, Metric (Intake Manifold)
1176	99-9175	1	Nut-Hex, Metric (Exhaust Manifold)
1176A	99-9176	1	Nut-Hex (Muffler)

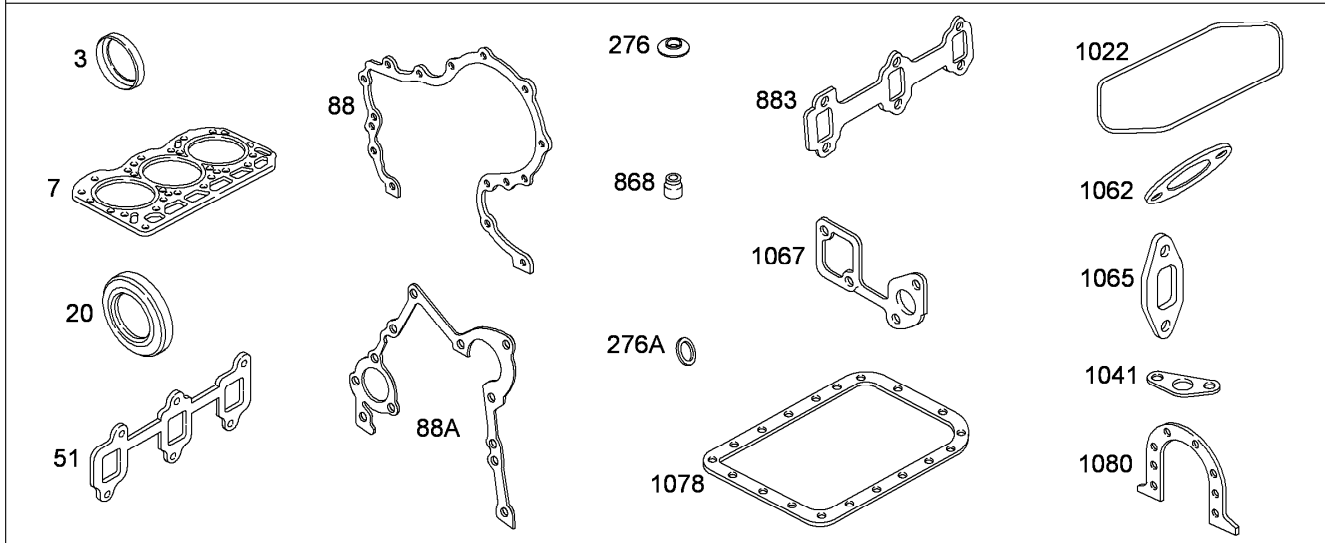


Assemblies include all parts shown in frames

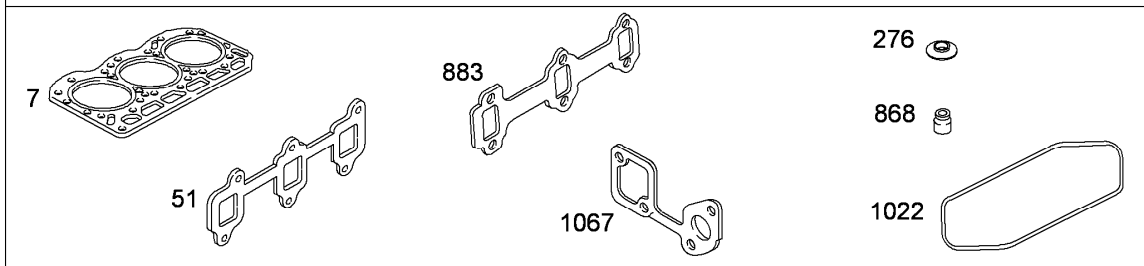
Starter Motor and Alternator Assembly

Ref.	Part Number	Qty.	Description
309	110-2598	1	Motor-Starter
413	99-9206	1	Nut-Hex, Metric (Starter Motor)
474	115-9473	1	Alternator-60Amp
606	106-1952	1	Strap-Adjusting
652	99-9203	1	Screw-Hex (Support Bracket)
693	115-2292	1	Timer-Glow Plug
890	99-9211	1	Bracket-Support
1009	99-9201	1	Screw-Hex (Starter Motor)
1119	99-9205	1	Screw-Hex, Metric (Alternator)
1150	99-9202	1	Screw-Hex (Adjusting Strap)
1150A	107-9903	1	Screw-Hex, Metric (Alternator)
1182	99-9114	1	Nut-Hex, Metric (Starting Switch)

358 Engine Gasket Set



1095 Valve Overhaul Kit



Assemblies include all parts shown in frames

Engine Gasket Set

Ref.	Part Number	Qty.	Description
3	99-9003	1	Seal-Oil (Magneto Side)
7	107-9898	1	Gasket-Head, Cylinder
20	115-2291	1	Seal-Oil (PTO Side)
51	99-9662	1	Gasket-Intake
88	99-9653	1	Gasket-Cover, Gear
88A	99-9136	1	Gasket-Cover, Gear Reduction
276	99-9063	1	Washer-Seal (Rocker Cover)
276A	99-9645	1	Washer-Seal (Oil Drain Plug)
358	115-2339	1	Gasket Kit
868	99-9643	1	Seal-Valve
883	106-1855	1	Gasket-Exhaust (Exhaust Manifold)
1022	99-9073	1	Gasket-Cover, Rocker
1041	99-9120	1	Gasket-Strainer, Oil
1062	99-9163	1	Gasket-Housing, Outlet
1065	99-9166	1	Gasket-Housing, Inlet
1067	99-9168	1	Gasket-Pump, Water
1078	99-9121	1	Gasket-Pan, Oil
1080	99-9021	1	Gasket-Retainer
1095	107-9907	1	Valve Overhaul Kit

Attachments and Accessories

For 07368 Workman HDX-D Utility Vehicle with Bed

Product Name	Model/Part
Full Area Flatbed	07301
Full Area Flatbed Side Kit	07302
Fold Down Side Kit	07303
Left-Hand Light Kit	07315
High-Flow Hydraulic Kit	07316
Right-Hand Light Kit	07317
2/3 Area Flatbed	07321
2/3 Area Flatbed Side Kit	07322
Bed Liner	07331
Cab	07339
1/3 Area Flatbed	07341
1/3 Area Stake Side Kit	07342
1/3 Area Platform Lift	07344
Heater Kit	07349
Canopy	07372
Windshield	07373
Cab Door Kit	07375
Solid Window Cab Door Kit	07376
Hitch Frame Kit	07377
4 Post Roll-Over Protection System	07378
Rear PTO Kit	07419
Hand Throttle Kit	07420
Spiker	08856
Finish Grader	08867
Backup Alarm Kit	107-8037
Premium Engine Oil, 10w30 (55 Gallon Drum)	108-1179
Premium Engine Oil, 10w30 (5 Gallon Pail)	108-1180
Premium ATF (Drum)	108-1185
Premium ATF (Pail)	108-1186
Premium All Purpose Grease (Tube)	108-1190
Remote Hydraulics Manifold Kit	110-2626
Tire-Rear, 24x13-12	110-5132
Spark Arrestor Kit	112-1688
Wheel-12in x 8.0in	114-8260
Horn Kit	115-7825
High Air Intake Kit	115-7848
Side Mirror Kit	115-7849
Roll-Over Protection System Signal Kit	117-4825
Worklight Kit	117-4827
Remote Hydraulic Float Kit	117-4828
Cab Mirror Kit	117-4830
Receiver Hitch Kit	117-4831
Trailer Signal Kit	117-4836
Trailer Brake Kit	117-4837
24x13-12 Tire and Wheel ASM	117-4838
Sprayer Cylinder Lift Kit, Workman 200 Spray System	117-4846

Attachments and Accessories (continued)

Engine Cover Kit.....	117-4867
Manual 4-Wheel Drive Control Kit.....	119-0817
Harness-Wire, Speedometer Adapter.....	119-1762
Canopy for Four-Post Roll-Over Protection System Kit.....	119-9457
Single Nozzle Kit.....	41024
Hose Reel Kit.....	41097
Spray Gun Kit 9 (inc. 25ft Of 1/2in Hose).....	41133
Pro Foam Concentrate (4 x 1 Gallon)	41157
Sonic Boom Kit	41217
Workman 200 Spray System	41235
Foam Marker Kit	41236
Spreader Base Unit	41253
Vicon Spreader.....	41256
Power Holster Hitch Kit	44209
Topdresser 1800.....	44225
Fifth Wheel Hitch Kit	44230
Cushman GA 60 Aerator Adapter Kit	44232
Core Harvester Adapter Kit.....	44242
Automatic Tailgate Release Kit	92-1220
Fuse Block.....	92-2641
PTO Over Running Clutch Kit	92-2655
Topdresser 1800 Lift Kit	92-4452
Mid-Mount Kit for Platform Lift.....	93-3741
1/3 Area Cover Kit	93-9225
Rear 1/3 Area Mounting Kit.....	93-9249
Tire-Rear, 23x8.50-12.....	98-2993
Tire-Rear, Industrial	99-1091



Count on it.