Form No. 3360-979 Rev F

TORO®

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Parts Catalog

Workman® HDX Utility Vehicle

Model No. 07366—Serial No. 290000001 and Up

Register at www.Toro.com.
Original Instructions (EN)

3360-979 F

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.

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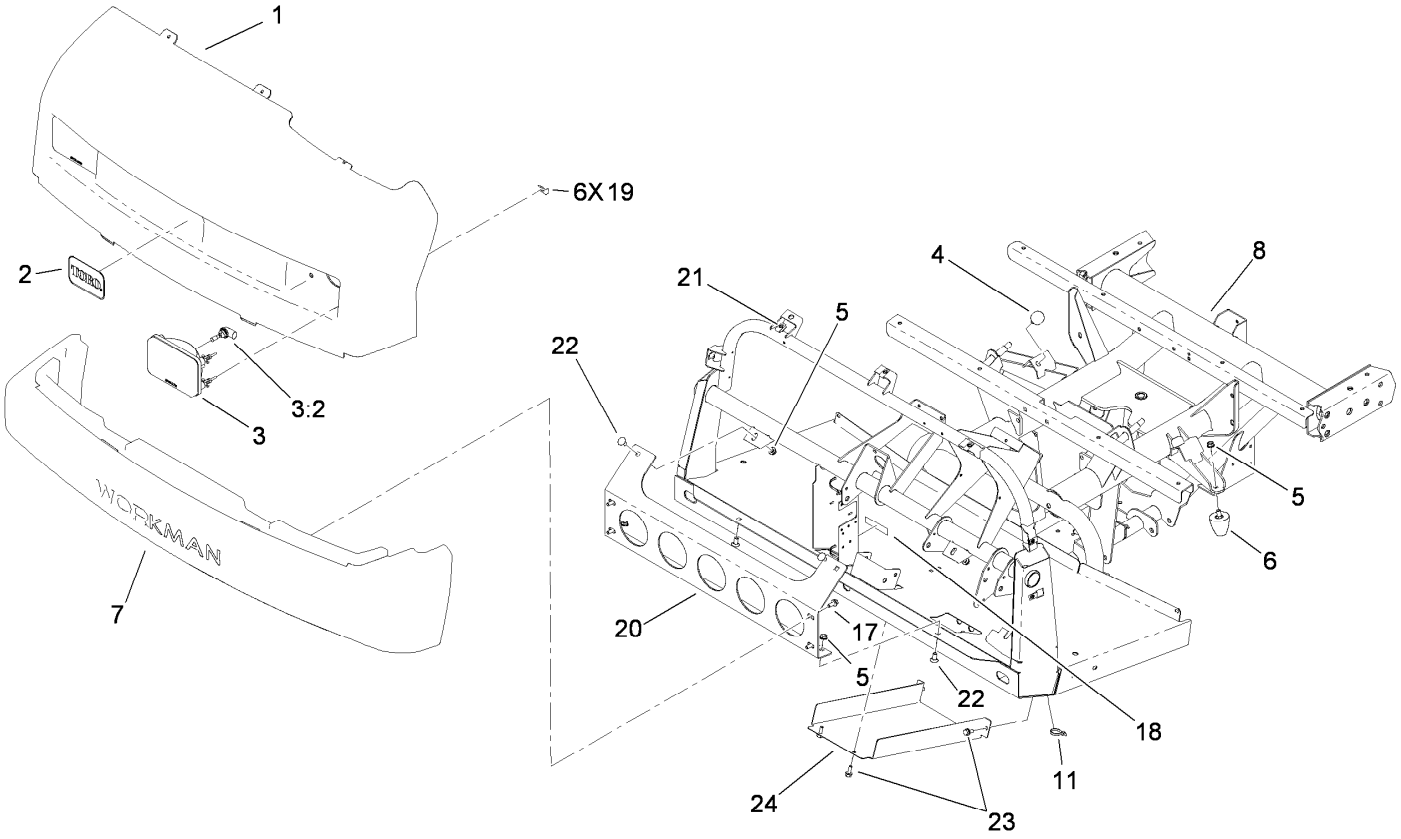
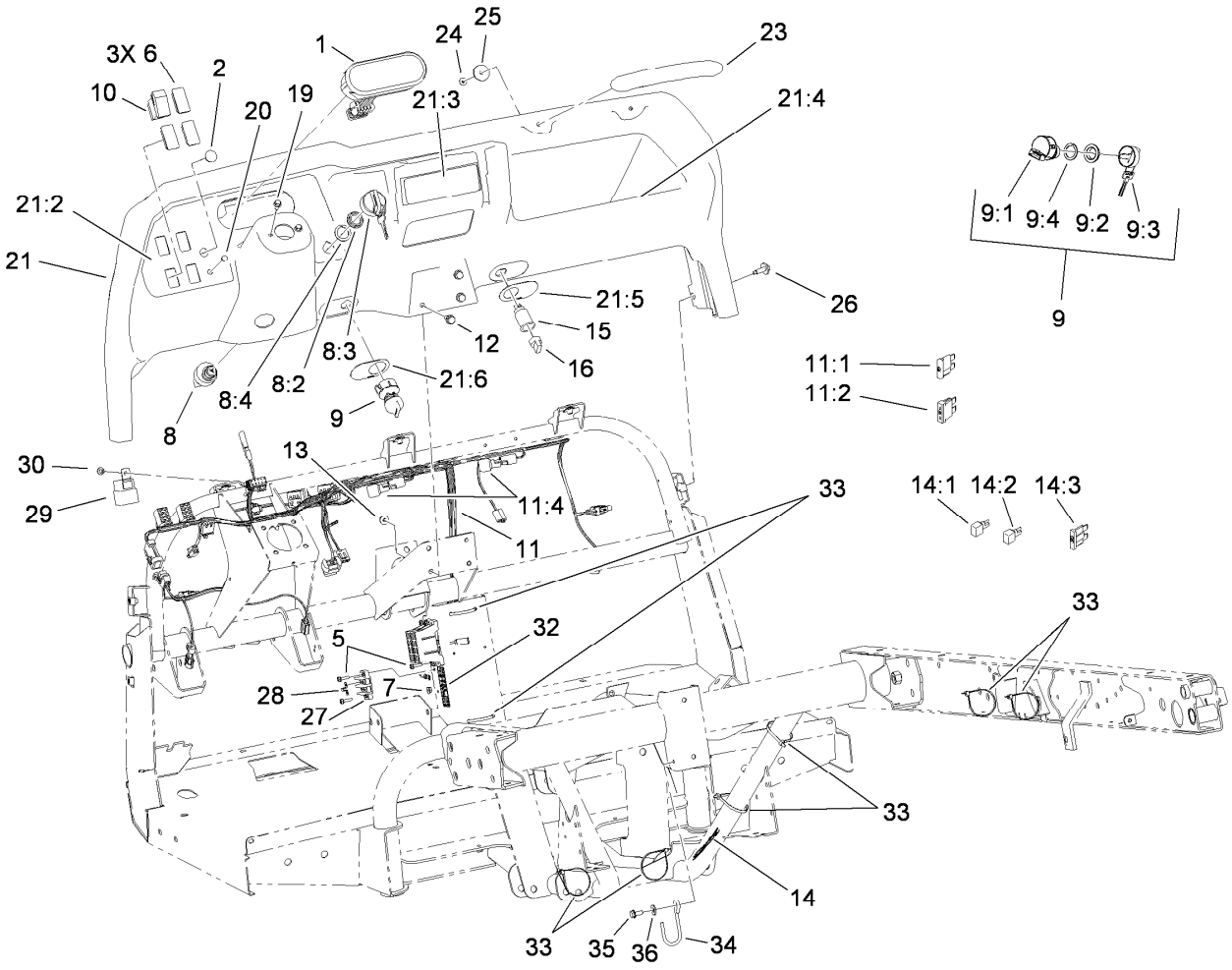


Hood and Bumper Assembly

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	114-8270-03	1	Operator Frame ASM
11	3290-379	1	Tie-Cable
17	3234-5	4	Screw-HHF
18	117-2718	1	Decal-Arrester, Spark
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

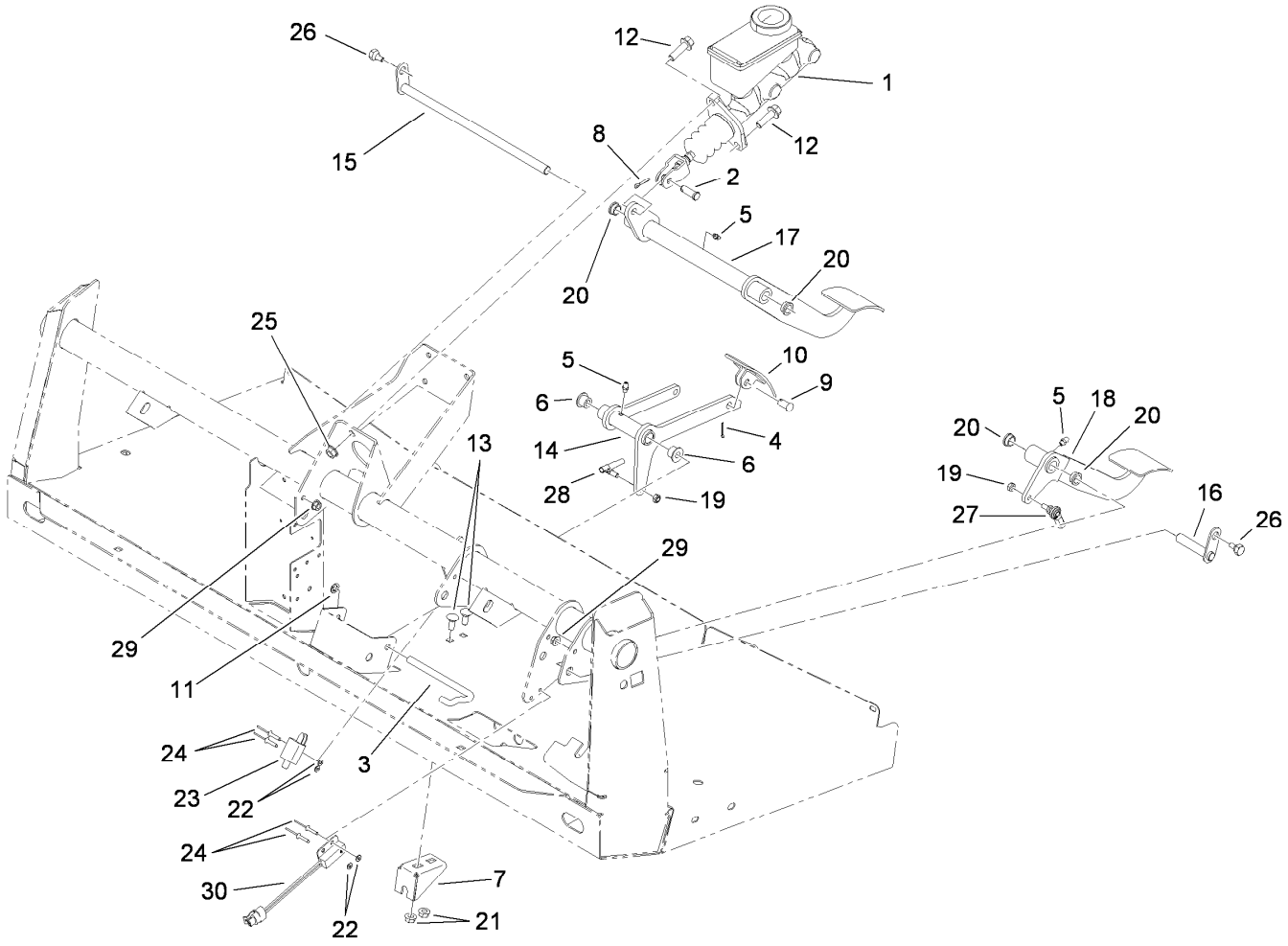


Dash Assembly

Ref.	Part Number	Qty.	Description
1	114-8284	1	Cluster-Instrument
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	114-8374	1	Harness-Wire, Front
11:1	218-578	5	Fuse-Blade, 10 Amp
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	114-8376	1	Harness-Wire, Rear
14:1	100-4918	2	Diode
14:2	104-4022	1	Resistor-75 Ohm

Ref.	Part Number	Qty.	Description
14:3	109103	1	Fuse-Blade, 30 Amp
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
21:6	106-2355	1	Decal-Switch, Supervisor
23	117-4948	1	Handle-Grab
24	104-7201	2	Nut-HF, NI
25	103995	2	Washer
26	114-8418	7	Screw-HWH, Sems
27	42862	1	Block-Terminal, Ground
28	42863	1	Strip-Jumper
29	99-7430	1	Relay-Mini
30	32144-10	1	Screw-HWH
32	115-7813	1	Decal-Fuse
33	3290-379	8	Tie-Cable
34	117-4860	1	Guide-Cable
35	32144-11	1	Screw-HWH
36	3256-71	1	Washer-Flat

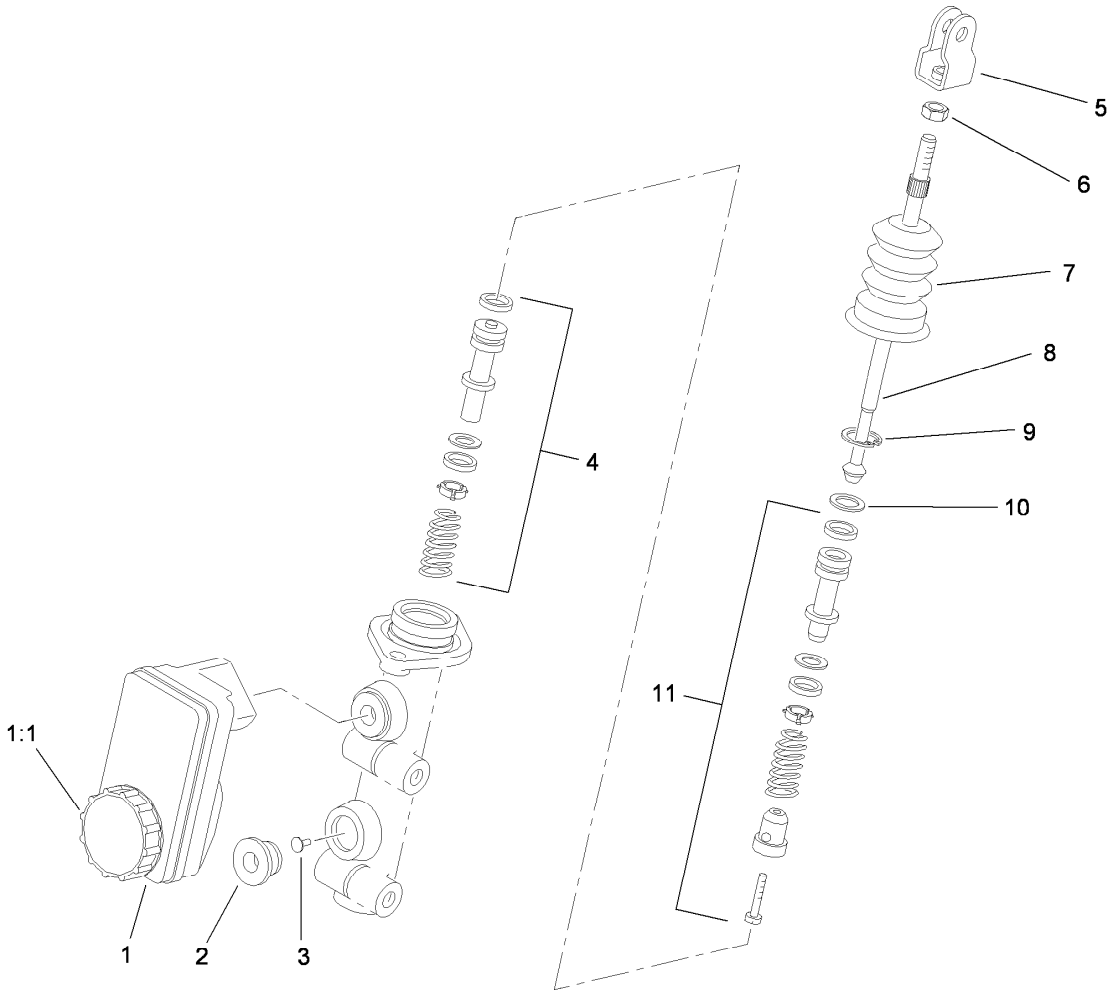
● Not serviced separately



Pedal Assembly

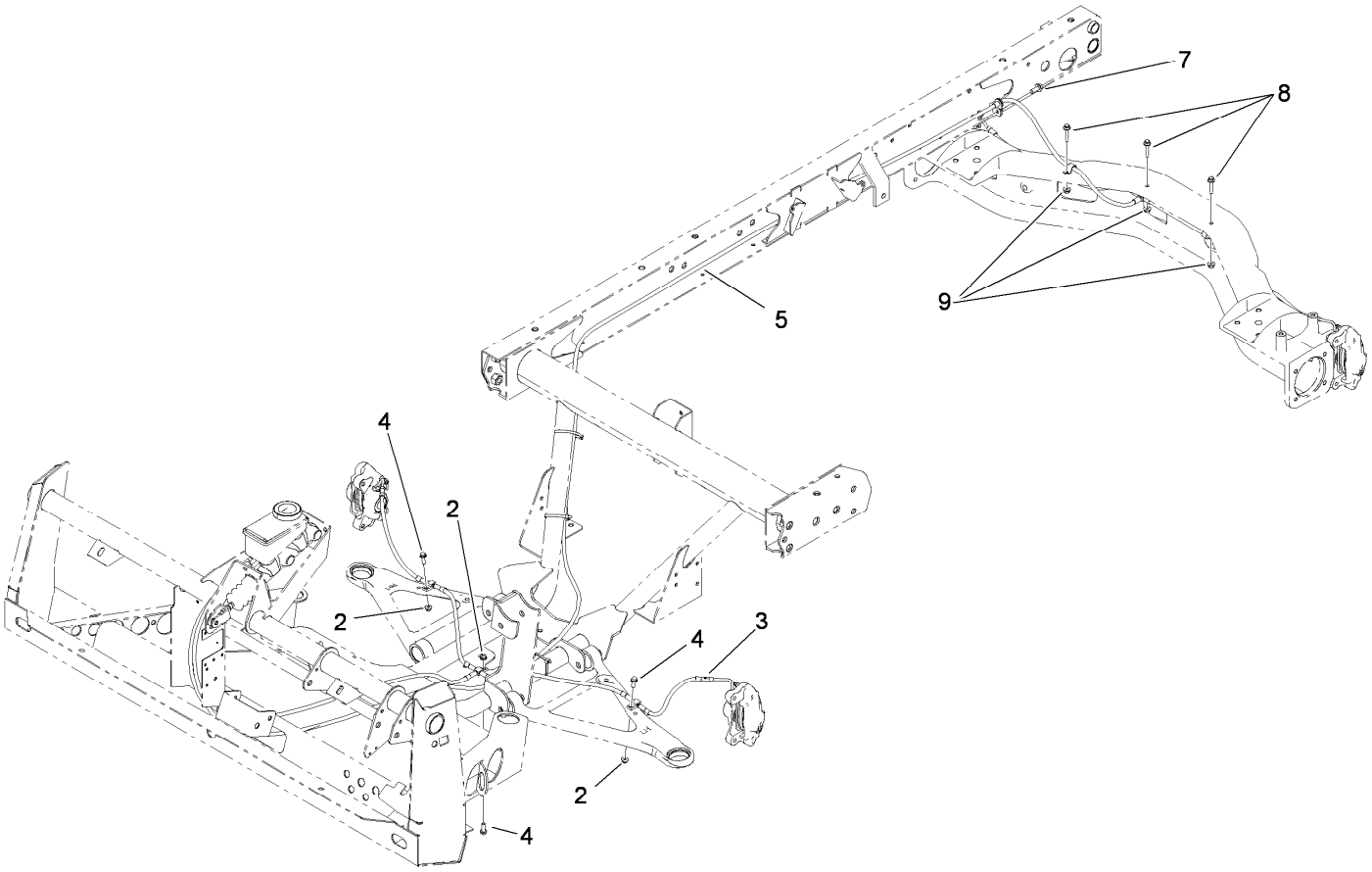
Ref.	Part Number	Qty.	Description
1	104-6782	1	Master Cylinder ASM
2	283-2	1	Pin-Clevis
3	87-2880	1	Shaft-Pedal, Accelerator
4	3272-6	1	Pin-Cotter
5	302-5	3	Fitting-Grease
6	256-259	2	Bushing-Flange
7	106-2421	1	Bracket-Mount, Cable
8	3272-10	1	Pin-Cotter
9	283-85	1	Pin-Clevis
10	93-8969-03	1	Pedal
11	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	3256-53	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



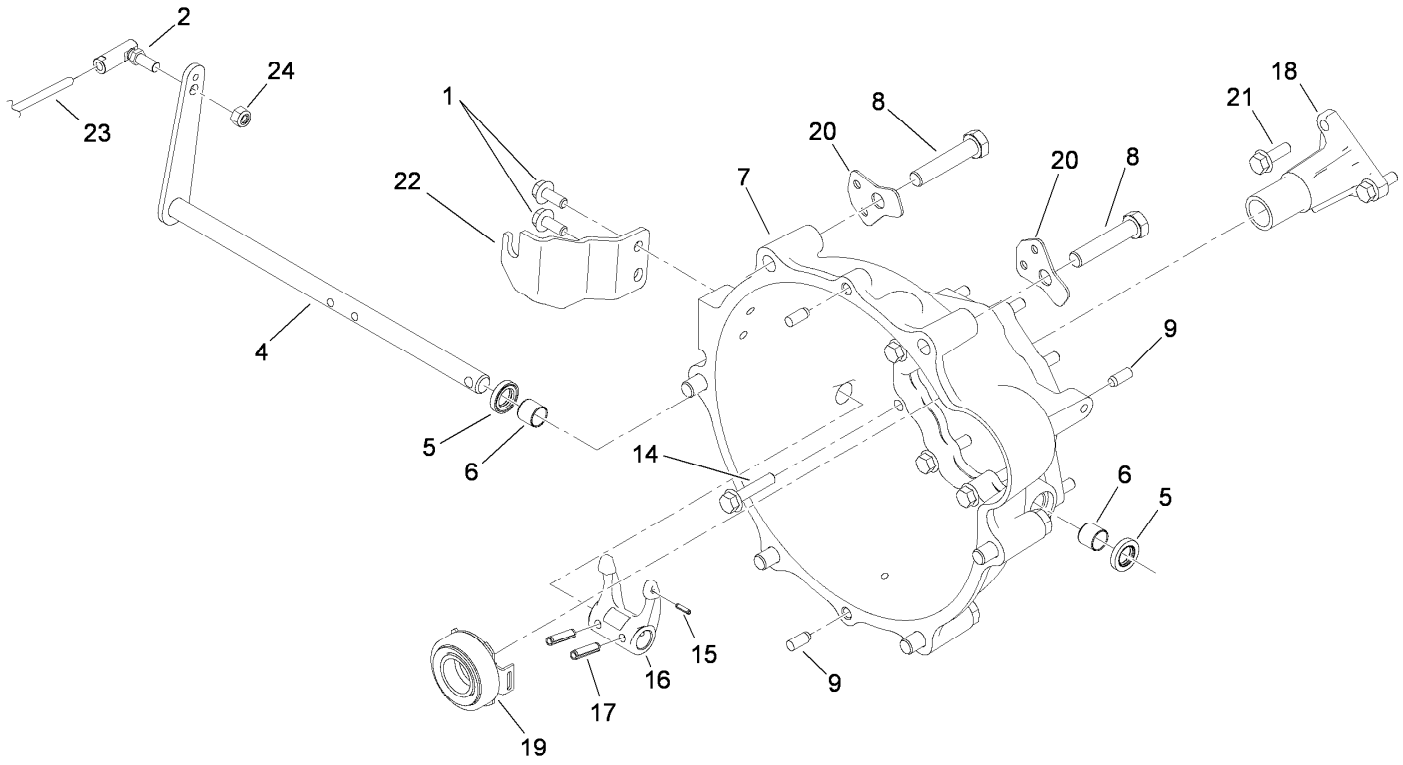
Master Cylinder Assembly No. 104-6782

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



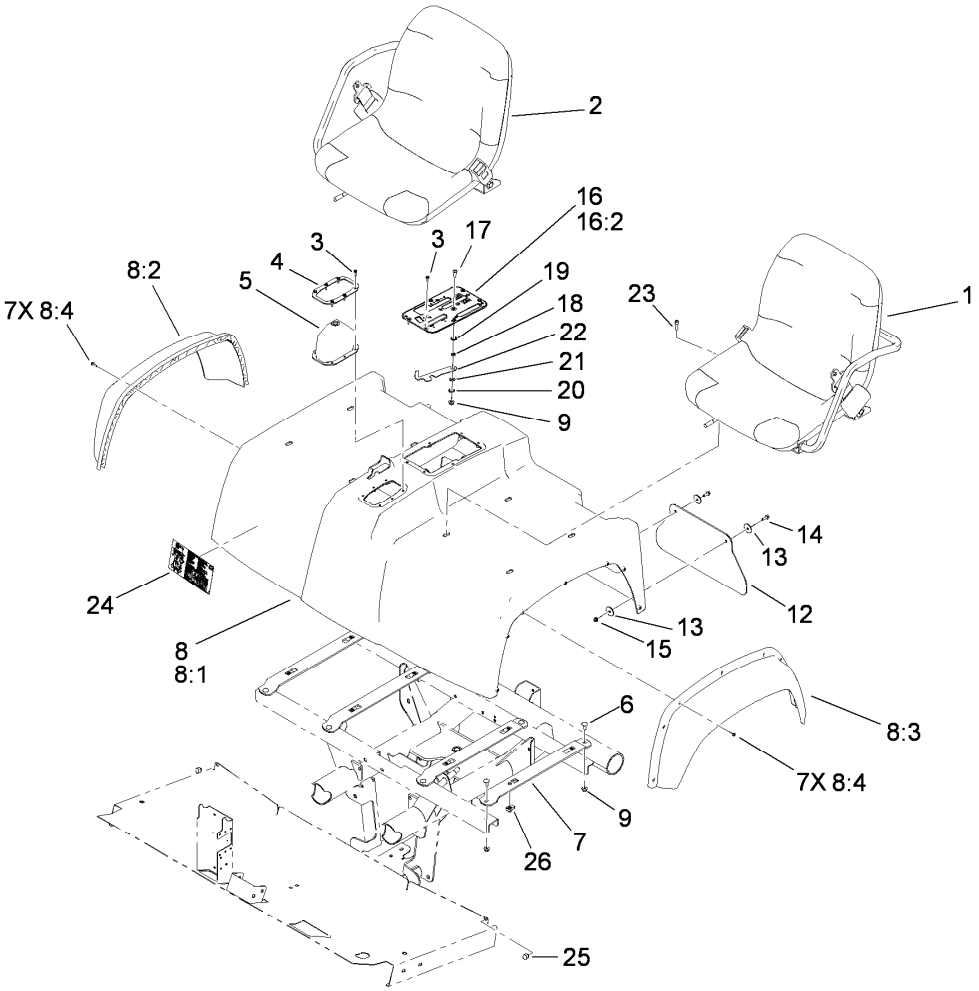
Hydraulic Brake Line Assembly

Ref.	*Part Number*	*Qty.*	*Description*
2	104-7201	3	Nut-HF, NI
3	115-2263	1	Line-Brake, Front
4	321-6	3	Screw-HH
5	115-2264	1	Line-Brake, Rear
7	32144-11	1	Screw-HWH
8	3234-21	3	Screw-HHF
9	32128-33	3	Nut-HF



Clutch Linkage Assembly

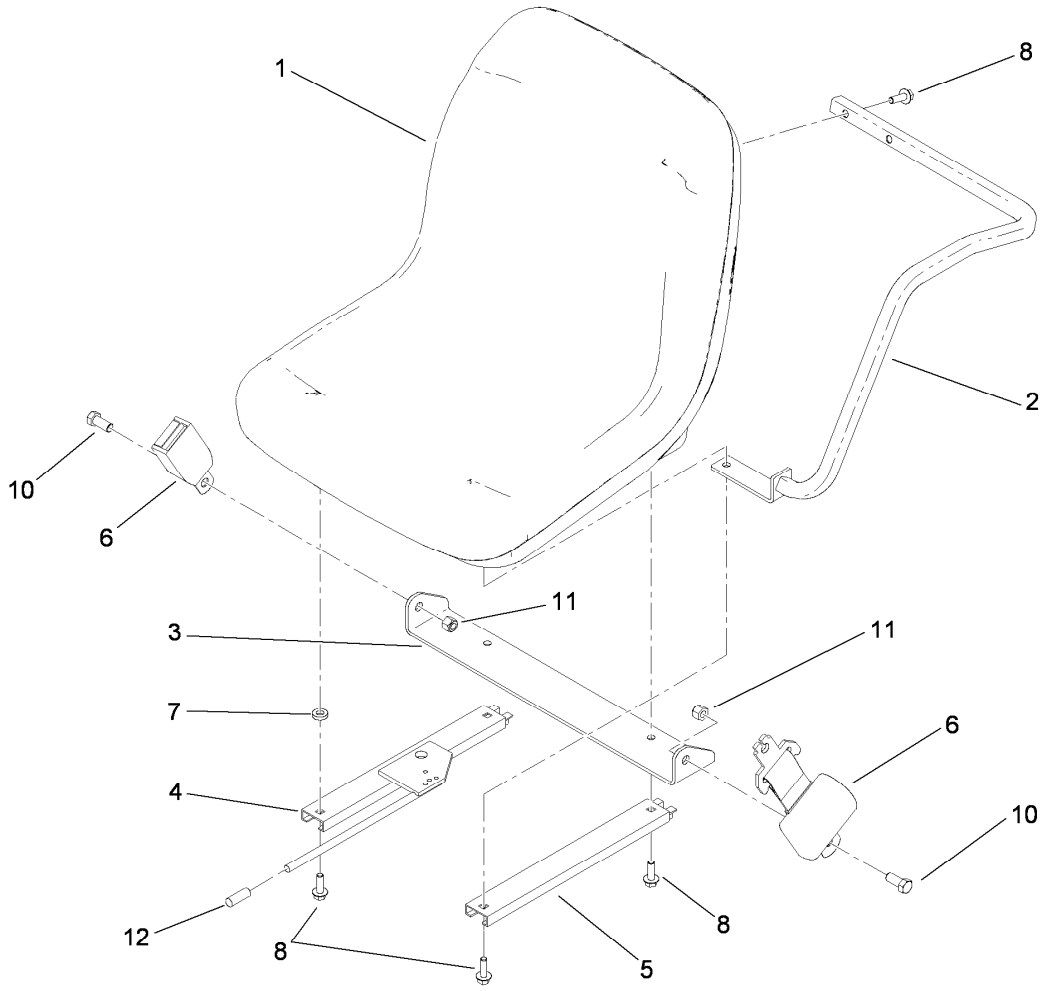
Ref.	*Part Number*	*Qty.*	*Description*
1	98-7977	2	Screw-HHF
2	2411-33	1	Balljoint-RH (W/Grommet)
4	115-2311	1	Lever-Clutch
5	87-1920	2	Seal-Oil
6	87-3770	2	Bushing-Housing, Bell
7	104-9249	1	Housing-Bell
8	3215-2	6	Screw-HH
9	87-1910	4	Pin-Dowel
14	33104-040	9	Screw-HHF
15	32121-7	1	Pin-Roll, Slotted
16	87-5300	1	Fork-Clutch
17	32121-24	2	Pin-Spring
18	115-2259	1	Guide-Release
19	110-2538	1	Bearing-Release, Clutch
20	115-2247	2	Bracket-Harness
21	33104-025	3	Screw-HHF
22	115-2313	1	Bracket-Cable, Clutch
23	115-2284	1	Cable-Clutch
24	3296-4	1	Nut-Lock



Shroud and Seat Assembly

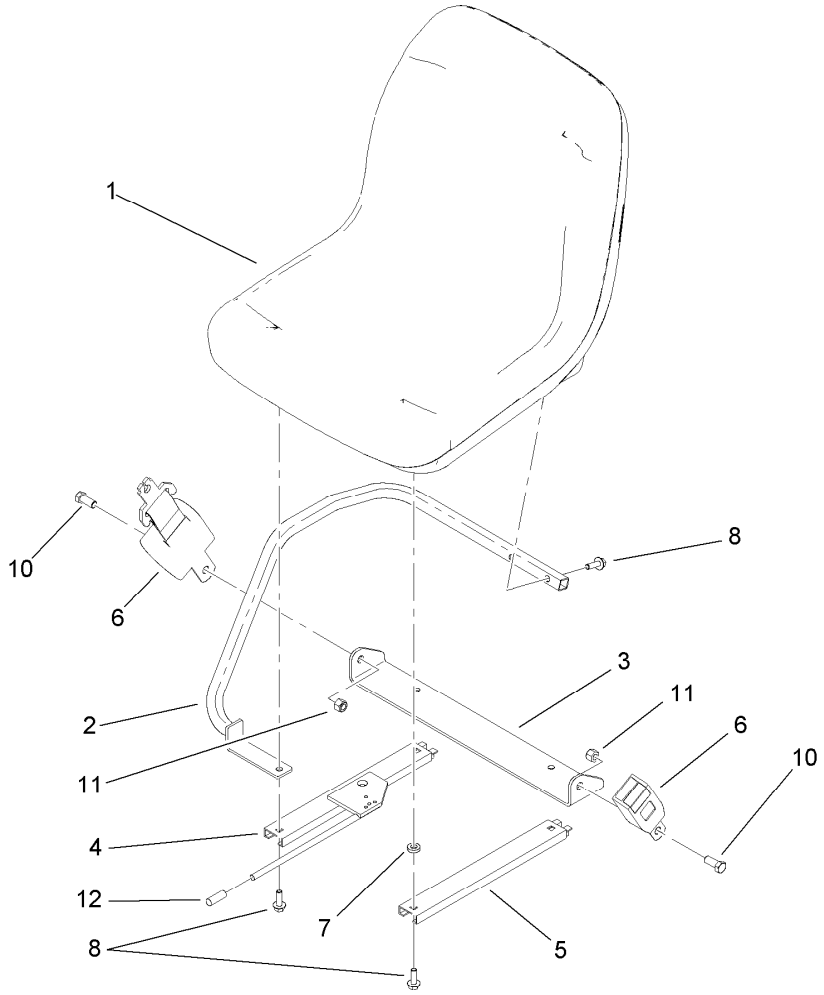
Ref.	Part Number	Qty.	Description
1		1	LH Seat ASM ●
2		1	RH Seat ASM ●
3	98-1375	12	Screw-HWH
4	87-3760-03	1	Plate-Boot, Shift
5	87-8620	1	Boot-Shift
6	3230-1	8	Bolt-CARR
7	115-2435-03	4	Bracket-Seat
8		1	Seat Base ASM ●
8:1	114-8406	1	Base-Seat
8:2	114-8407	1	Fender-Front, RH
8:3	114-8408	1	Fender-Front, 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
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

● Not serviced separately



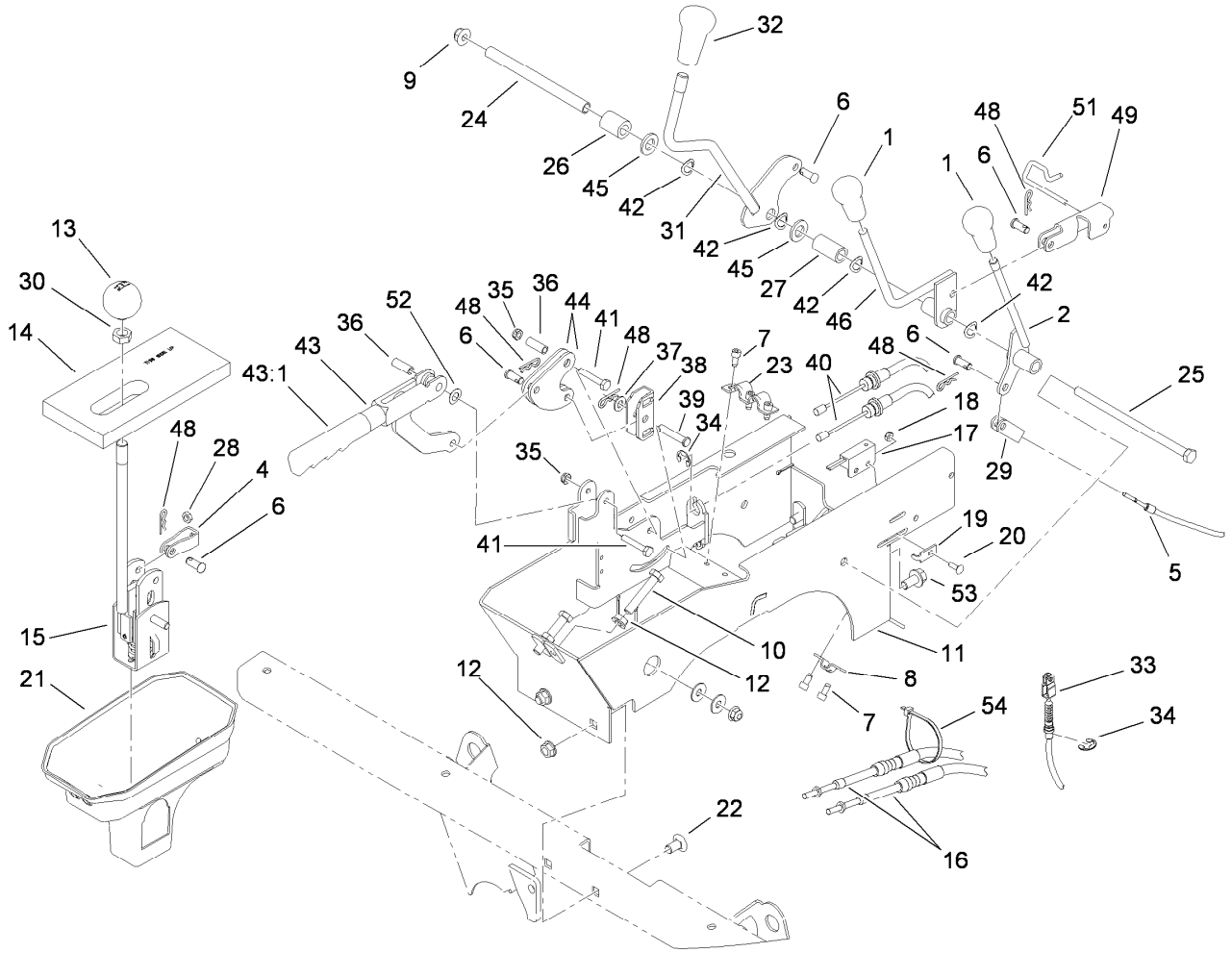
LH Seat Assembly

Ref.	*Part Number*	*Qty.*	*Description*
1	112-2923	1	Seat ASM
2	106-7842	1	LH Armrest ASM
3	106-7845	1	Bracket-Belt, Seat
4	106-7847	1	Adjuster-Seat, W/Handle
5	107-7959	1	Adjuster-Seat, Non Locking
6	106-7848	1	Seat Belt ASM
7	80-7730	1	Spacer
8	3234-29	6	Screw-HHF
10	3212-4	2	Screw-HH
11	3296-7	2	Nut-Lock
12	106-7953	1	Grip-Gray



RH Seat Assembly

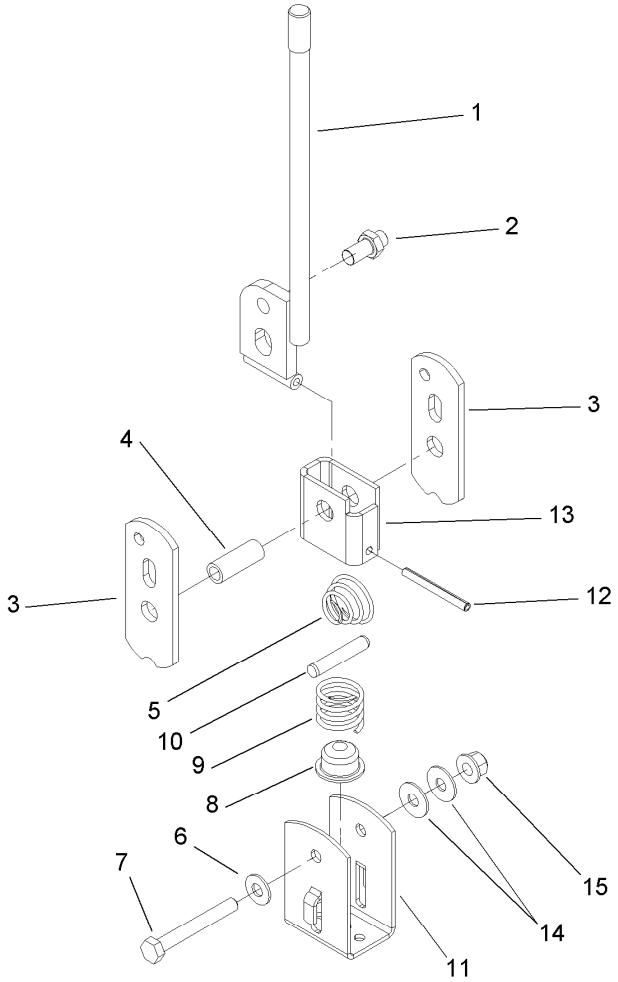
Ref.	*Part Number*	*Qty.*	*Description*
1	112-2923	1	Seat ASM
2	106-7844	1	RH Armrest ASM
3	106-7845	1	Bracket-Belt, Seat
4	106-7847	1	Adjuster-Seat, W/Handle
5	107-7959	1	Adjuster-Seat, Non Locking
6	106-7848	1	Seat Belt ASM
7	80-7730	1	Spacer
8	3234-29	6	Screw-HHF
10	3212-4	2	Screw-HH
11	3296-7	2	Nut-Lock
12	106-7953	2	Grip-Gray



Console Assembly

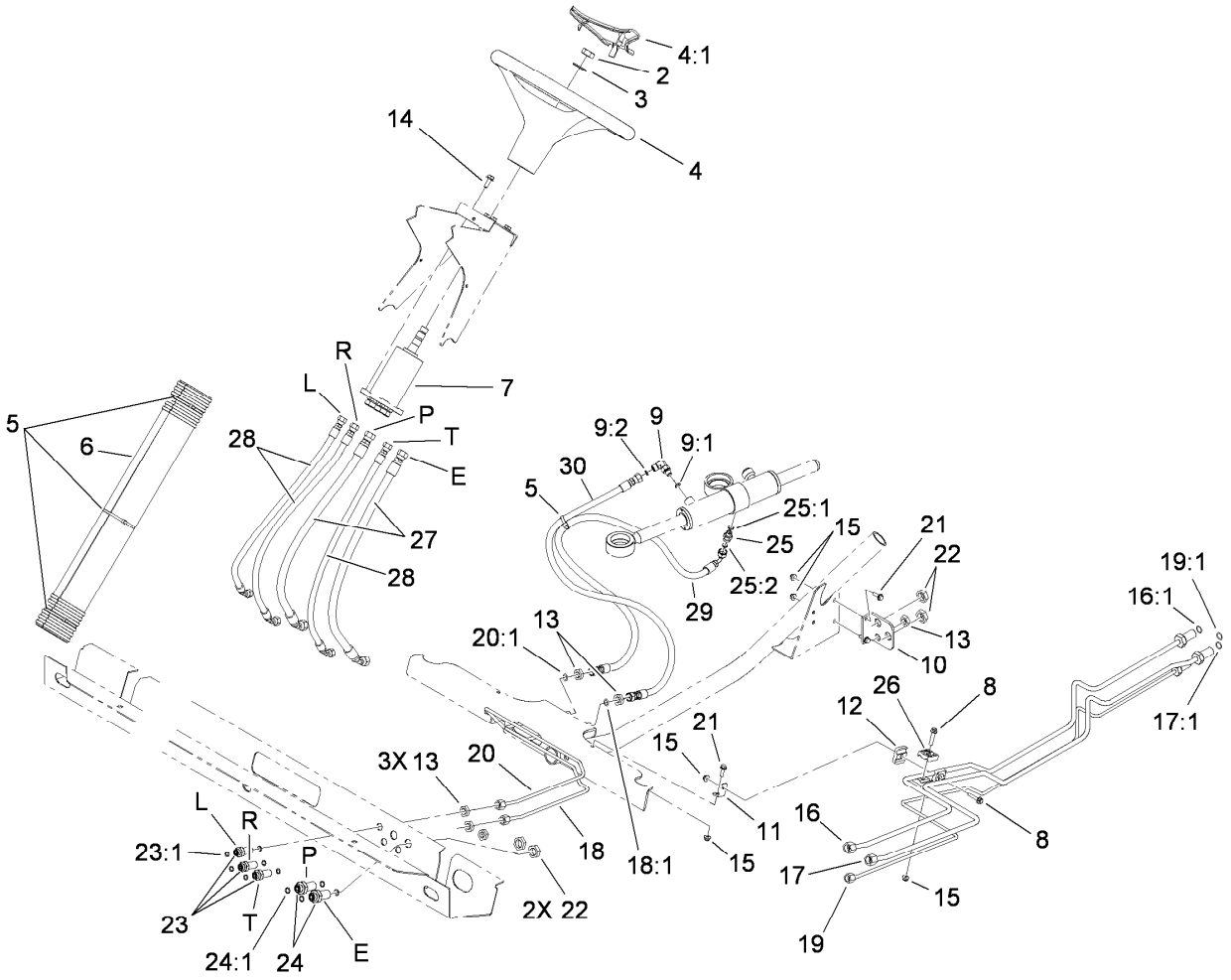
Ref.	Part Number	Qty.	Description
1	106-7903	2	Knob-Control
2	106-7828	1	Lever
4	87-2310	2	Clevis-Cable
5	115-7812	1	Cable-Hi Low
6	283-62	6	Pin-Clevis
7	65-5220	5	Screw-HSH, Thread Forming
8	87-4340	1	Clamp-Cable
9	104-8301	1	Nut-HF, NI
10	323-10	2	Screw-HH
11	108-6914-03	1	Support-Lever
12	3290-357	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
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

Ref.	Part Number	Qty.	Description
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
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
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

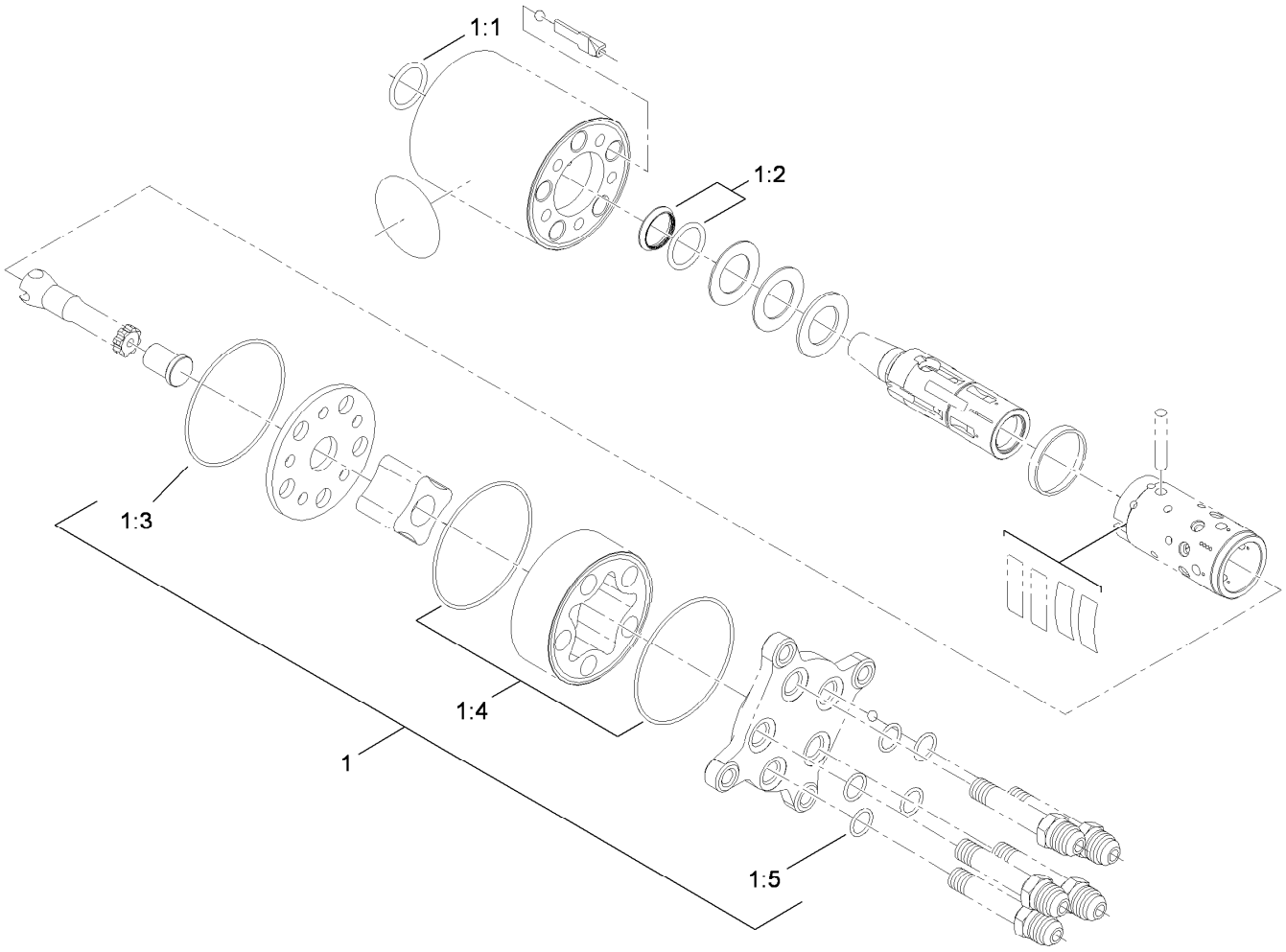
Ref.	*Part Number*	*Qty.*	*Description*
1	87-2040	1	Lever-Shift
2	87-3650	1	Pin-Shift
3	87-3540	2	Link-Shift
4	87-2520	1	Tube-Pivot
5	87-2900	1	Spring-Compression
6	87-8640	1	Washer-Flat
7	322-12	1	Screw-HH
8	87-3530	1	Button-Shifter
9	87-3660	1	Spring-Compression
10	3290-507	1	Pin-Dowel
11	87-3520	1	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 Hydraulics Assembly

Ref.	Part Number	Qty.	Description
2	3296-33	1	Nut-Lock, NI
3	3256-27	1	Washer-Flat
4	98-1471	1	Wheel-Steering
4:1	98-1468	1	Cover-Wheel, Steering
5	3290-379	4	Tie-Cable
6	106-6713	1	Cover-Lines, Steering
7	115-7926	1	Pump-Steering
8	3234-21	2	Screw-HHF
9	340-132	1	Fitting-Elbow, 90 DEG
9:1	237-78	1	O-Ring
9:2	237-21	1	O-Ring
10	106-7801-03	1	Bracket-Line, Steering
11	106-7807	1	Bracket-Line, Steering
12	106-7839	2	Clamp-Tube
13	340-78	6	Nut-Lock
14	98-7977	4	Screw-HHF
15	104-7201	5	Nut-HF, NI
16	115-7701	1	Tube-HYD
16:1	237-22	1	O-Ring
17	115-7702	1	Tube-HYD
17:1	237-22	1	O-Ring

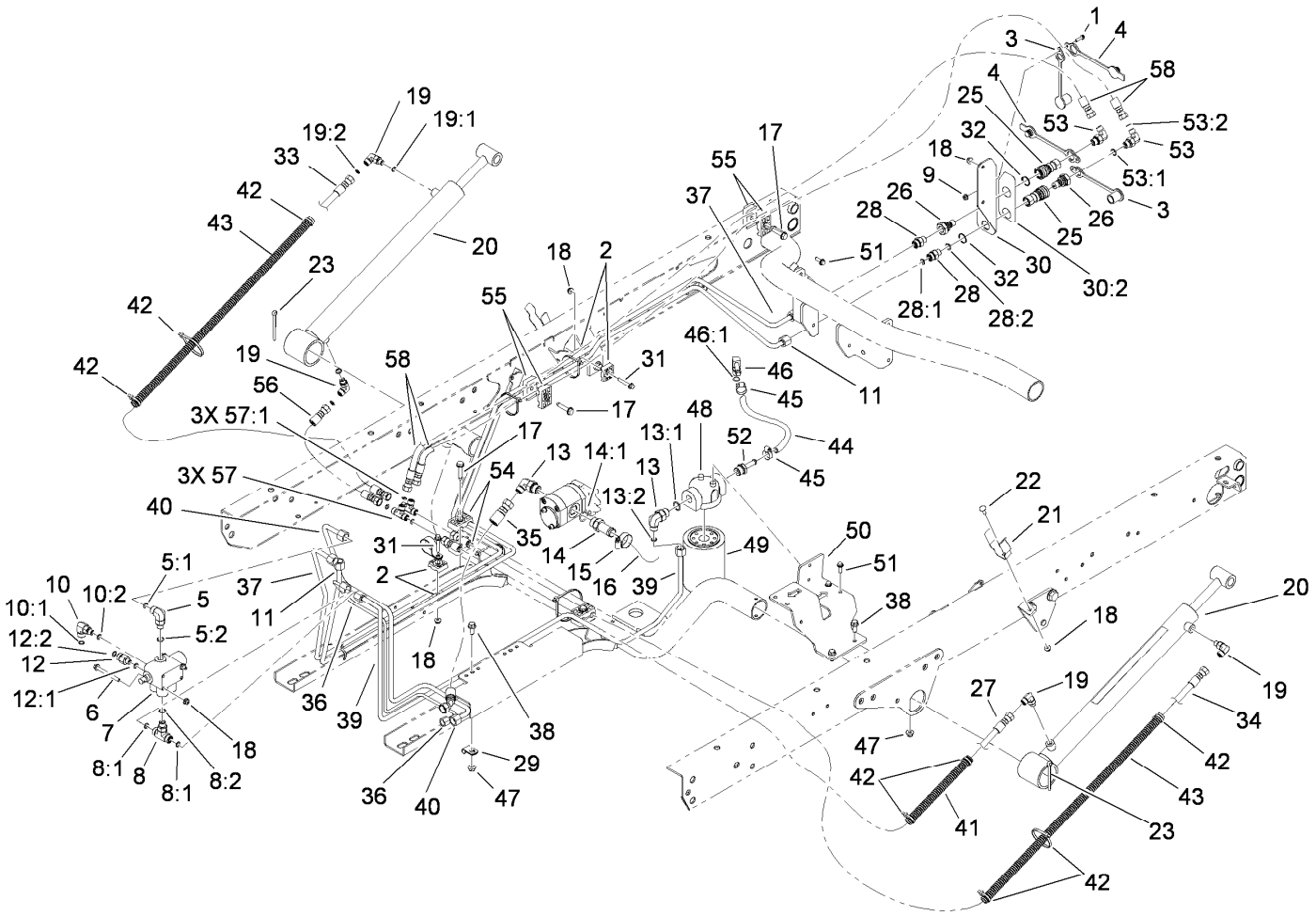
Ref.	Part Number	Qty.	Description
18	106-7804	1	Tube-HYD
18:1	237-21	1	O-Ring
19	115-7703	1	Tube-HYD
19:1	237-21	1	O-Ring
20	106-7806	1	Tube-HYD
20:1	237-21	1	O-Ring
21	3234-4	3	Screw-HHF
22	340-70	4	Nut-Lock
23	94-1444	3	Union-Bulkhead
23:1	237-21	2	O-Ring
24	340-71	2	Fitting-Straight, Bulkhead
24:1	237-22	2	O-Ring
25	340-92	1	Fitting-Straight
25:1	237-78	1	O-Ring
25:2	237-21	1	O-Ring
26	56-7973	2	Clamp-Tube
27	106-7975	2	Hose-HYD
28	106-7974	3	Hose-HYD
29	117-4861	1	Hose-HYD
30	108-6505	1	Hose-HYD



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 ●

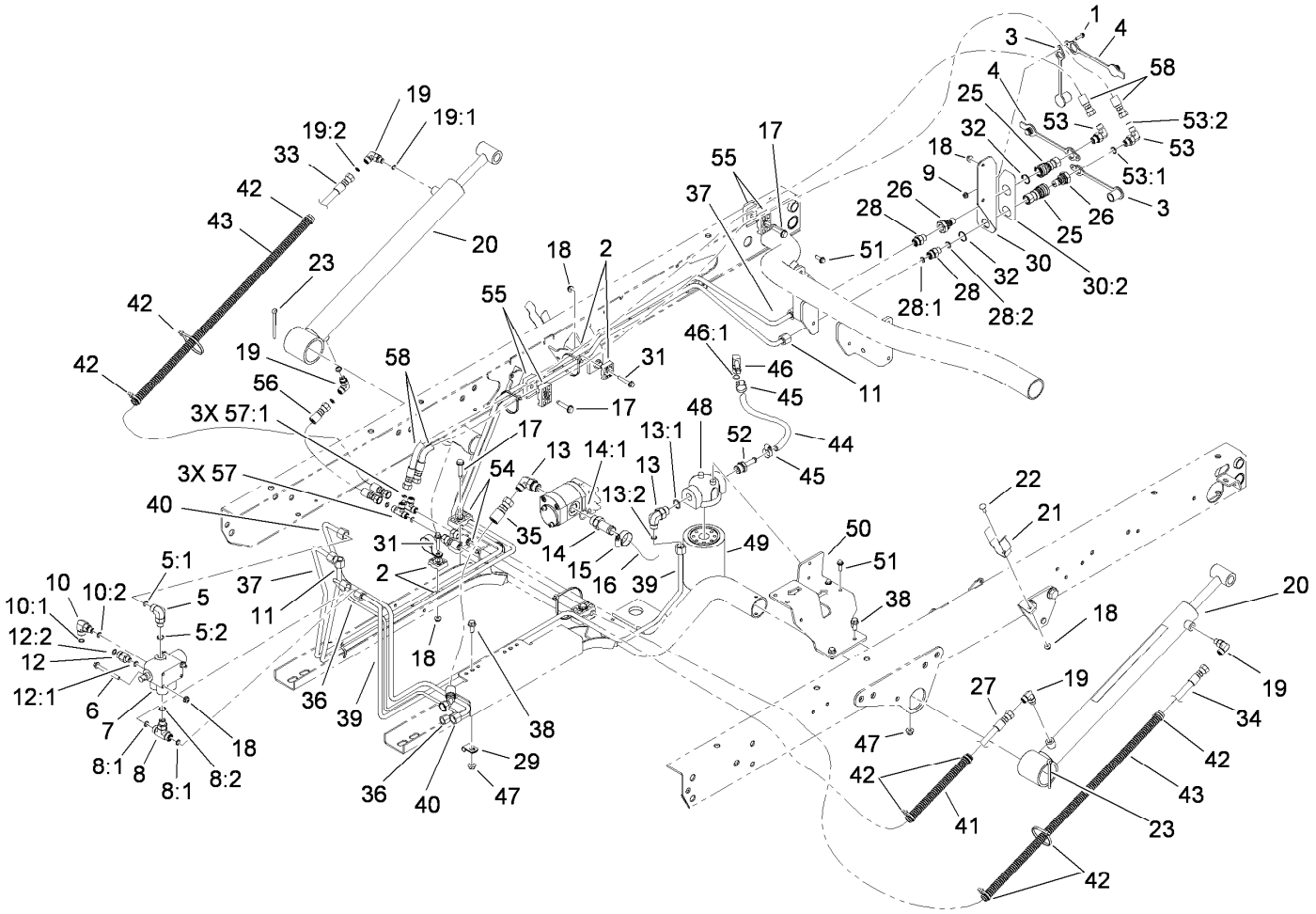
● Not serviced separately



Lift Valve and Hydraulics 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
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

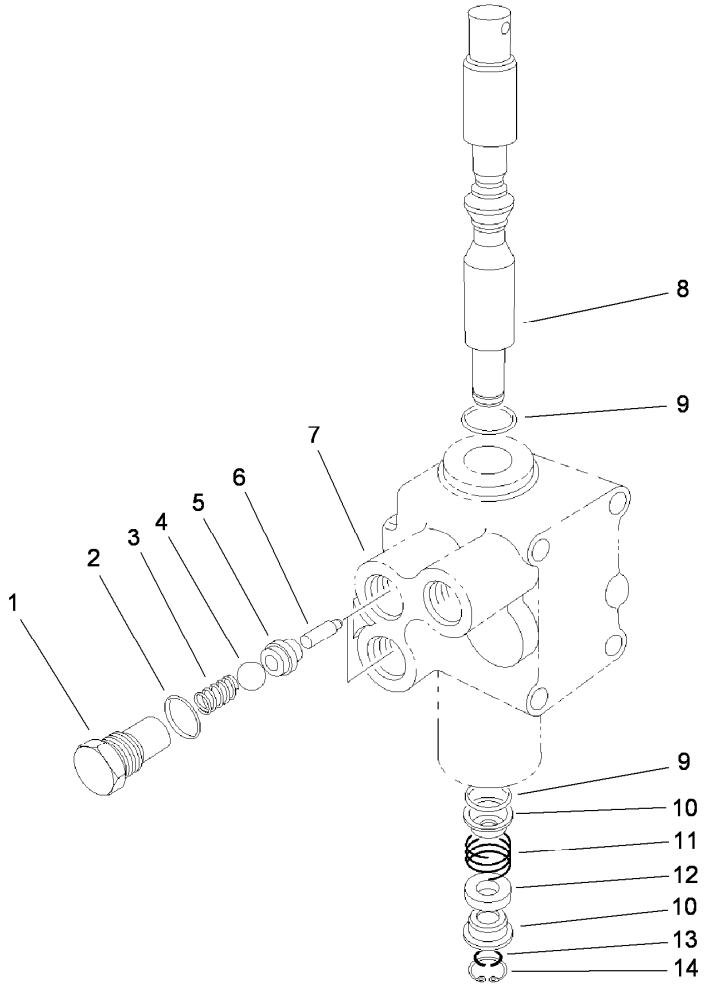
Ref.	Part Number	Qty.	Description
17	32144-57	4	Screw
18	104-7201	8	Nut-HF, NI
19	340-132	4	Fitting-Elbow, 90 DEG
19:1	237-78	1	O-Ring
19:2	237-21	1	O-Ring
20	106-7939	2	HYD Cylinder ASM
21	108-3109	2	Retainer-Cylinder
22	3229-1	2	Screw-CARR
23	3272-37	2	Pin-Cotter
25	106-7968	2	Coupler-Quick, Female
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
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	3234-47	3	Screw-HHF
39	115-2224	1	Tube-HYD
40	115-2223	1	Tube-HYD



Lift Valve and Hydraulics Assembly (continued)

Ref.	Part Number	Qty.	Description
41	24-7922	1	Conduit-Convoluted, Split
42	3290-379	8	Tie-Cable
43	24-7923	2	Conduit-Convoluted, Split
44	115-2228	1	Hose-HYD
45	2412-36	2	Clamp-Hose
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

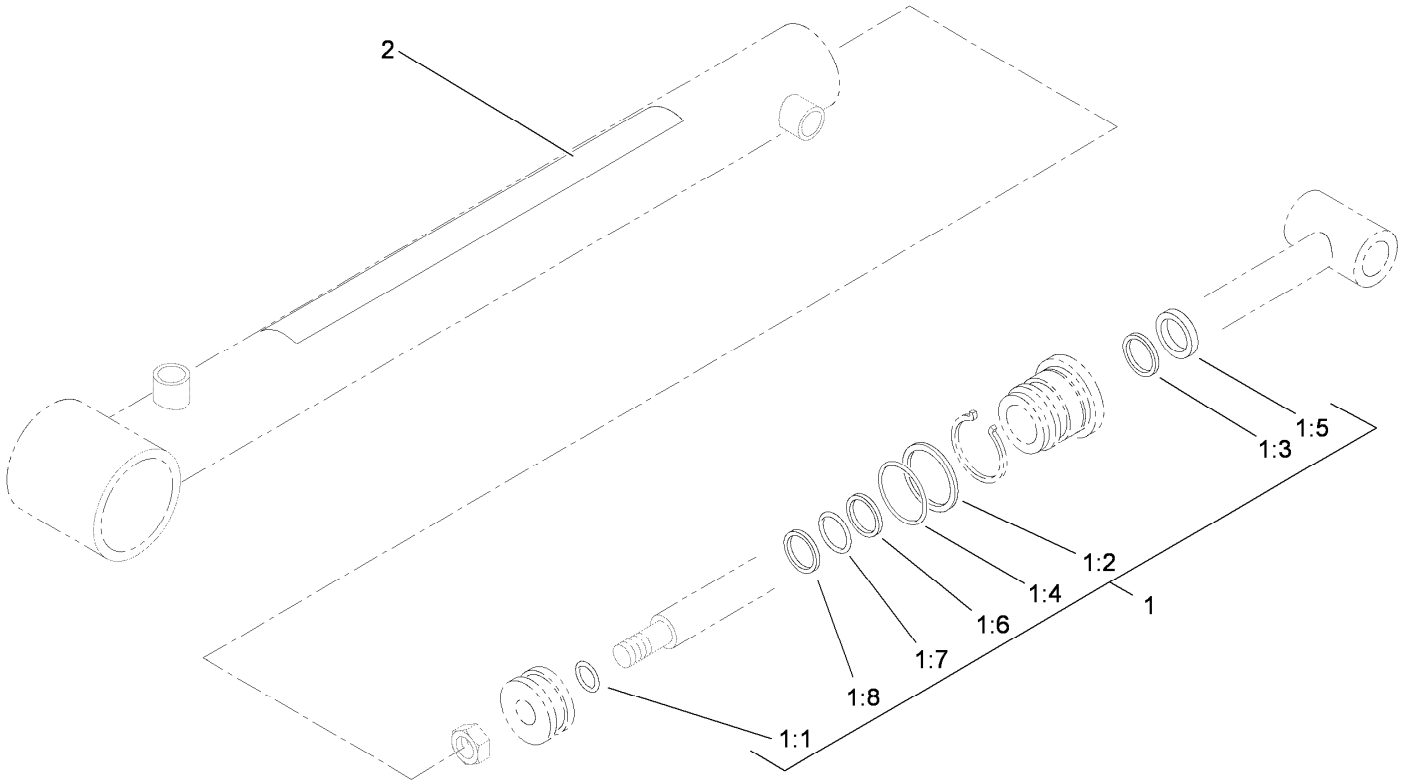
Ref.	Part Number	Qty.	Description
51	3234-4	4	Screw-HHF
52	115-2231	1	Fitting-STR
53	340-82	2	Fitting-Elbow, 90 DEG
53:1	237-42	1	O-Ring
53:2	237-21	1	O-Ring
54	56-7971	2	Clamp-Tube
55	56-7976	6	Clamp-Tube
56	110-0931	1	Hose-HYD
57	340-21	2	Fitting
57:1	237-21	3	O-Ring
58	106-3680	2	Hose-HYD



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

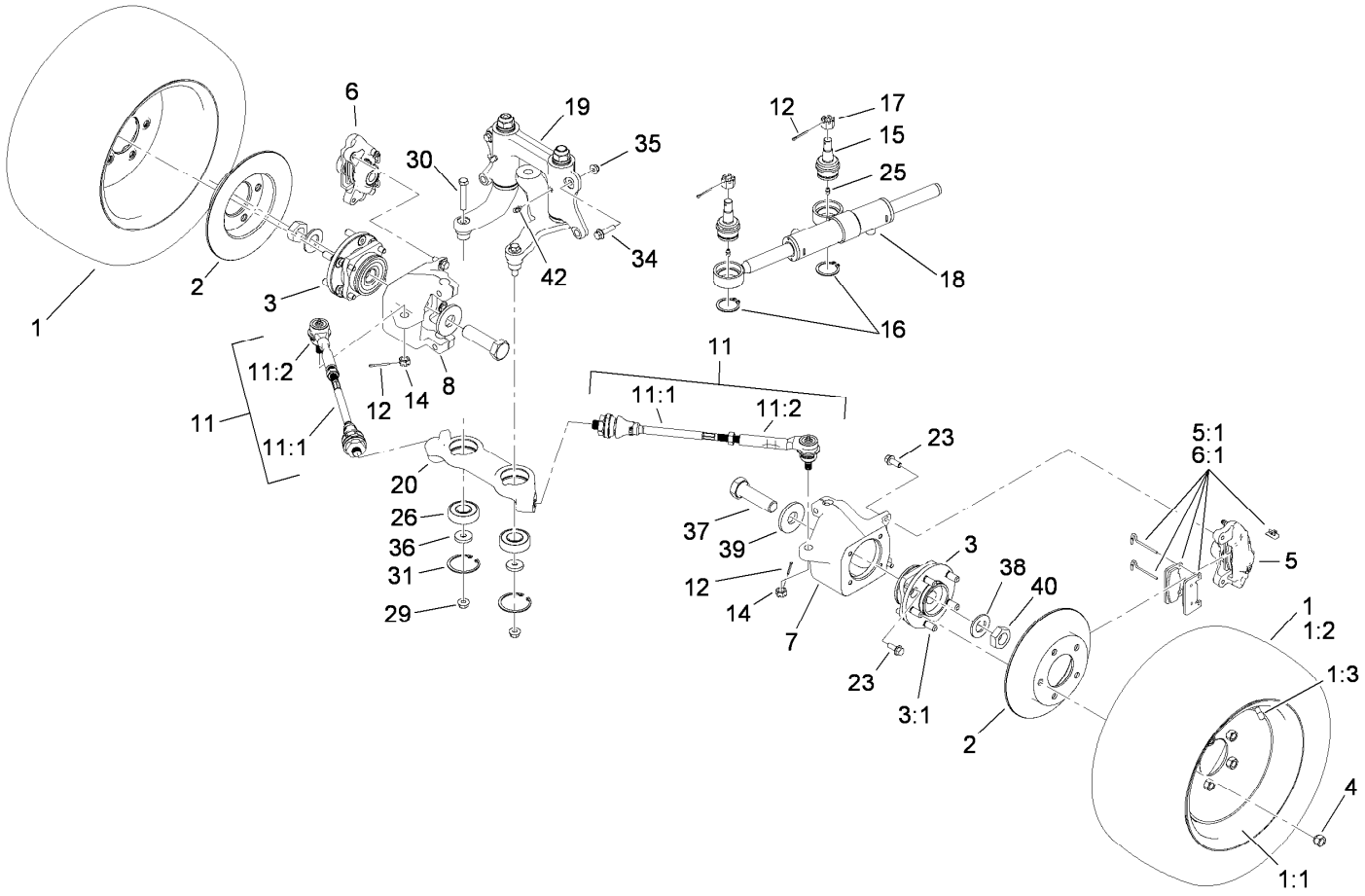
● Not serviced separately



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

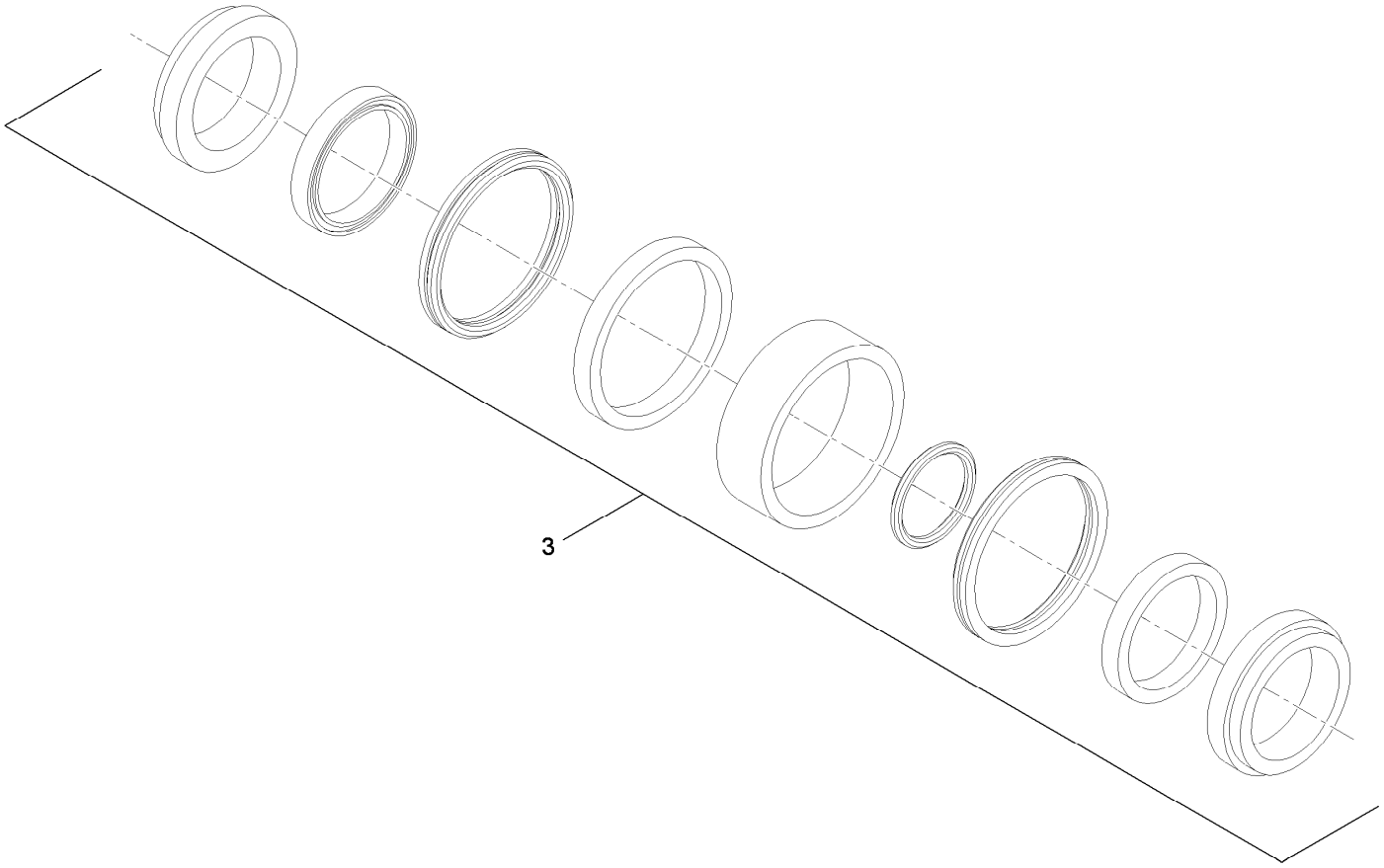


Front Wheel Assembly

Ref.	Part Number	Qty.	Description
1		2	Tire And Wheel ASM ●
1:1	115-2245	1	Wheel
1:2	114-8273	1	Tire
1:3	232-27	1	Stem-Valve
2	114-8351	2	Rotor-Brake
3	112-3214	2	Wheel Hub ASM
3:1	114-8299	5	Stud-Wheel
4	242-50	10	Nut-Lug
5	114-8359	1	Caliper-LH
5:1	115-7846	1	Brake Pad Kit (T108)
6	114-8360	1	Caliper-RH
6:1	115-7846	1	Brake Pad Kit (T108)
7	114-8292	1	Knuckle-LH
8	114-8294	1	Knuckle-RH
11	114-8356	2	Tie Rod ASM
11:1	114-8357	1	Tie Rod-Inner
11:2	114-8358	1	Tie Rod-Outer
12	3272-12	4	Pin-Cotter
14	32136-3	2	Nut-SHH
15	106-6774	2	Joint-Ball

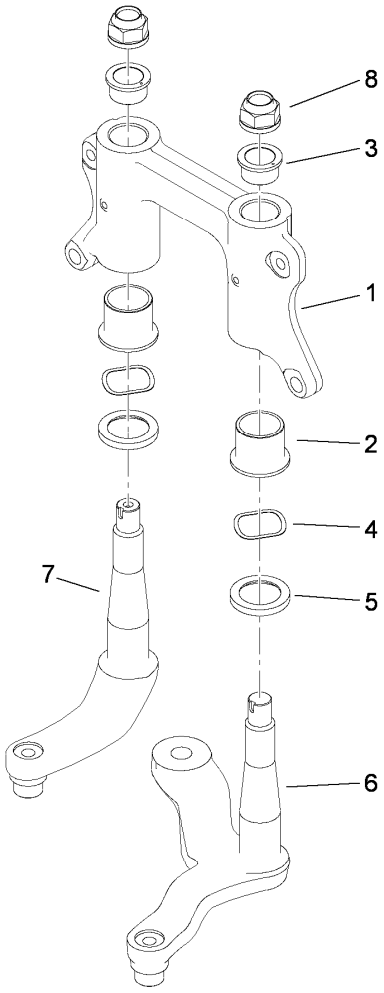
Ref.	Part Number	Qty.	Description
16	32151-104	2	Ring-Retaining, External
17	32136-14	2	Nut-Hst
18	112-3217	1	HYD Cylinder ASM
19		1	Steering Linkage ASM ●
20	114-8296	1	Link-Center
23	3234-11	12	Screw-HHF
25	302-5	2	Fitting-Grease
26	115-2161	2	Bearing-Ball
29	114-8417	2	Nut-HF, NI
30	324-10	2	Screw-HH
31	32120-22	2	Ring-Snap, Internal
34	114-4681	2	Screw-HHF
35	104-8301	2	Nut-HF, NI
36	112843	2	Washer
37	115-2173	2	Screw-HH
38	3256-62	2	Washer-Flat
39	104-0719	2	Washer-Hardened
40	3296-49	2	Nut-Lock, NI
42	302-60	2	Fitting-Grease

● Not serviced separately



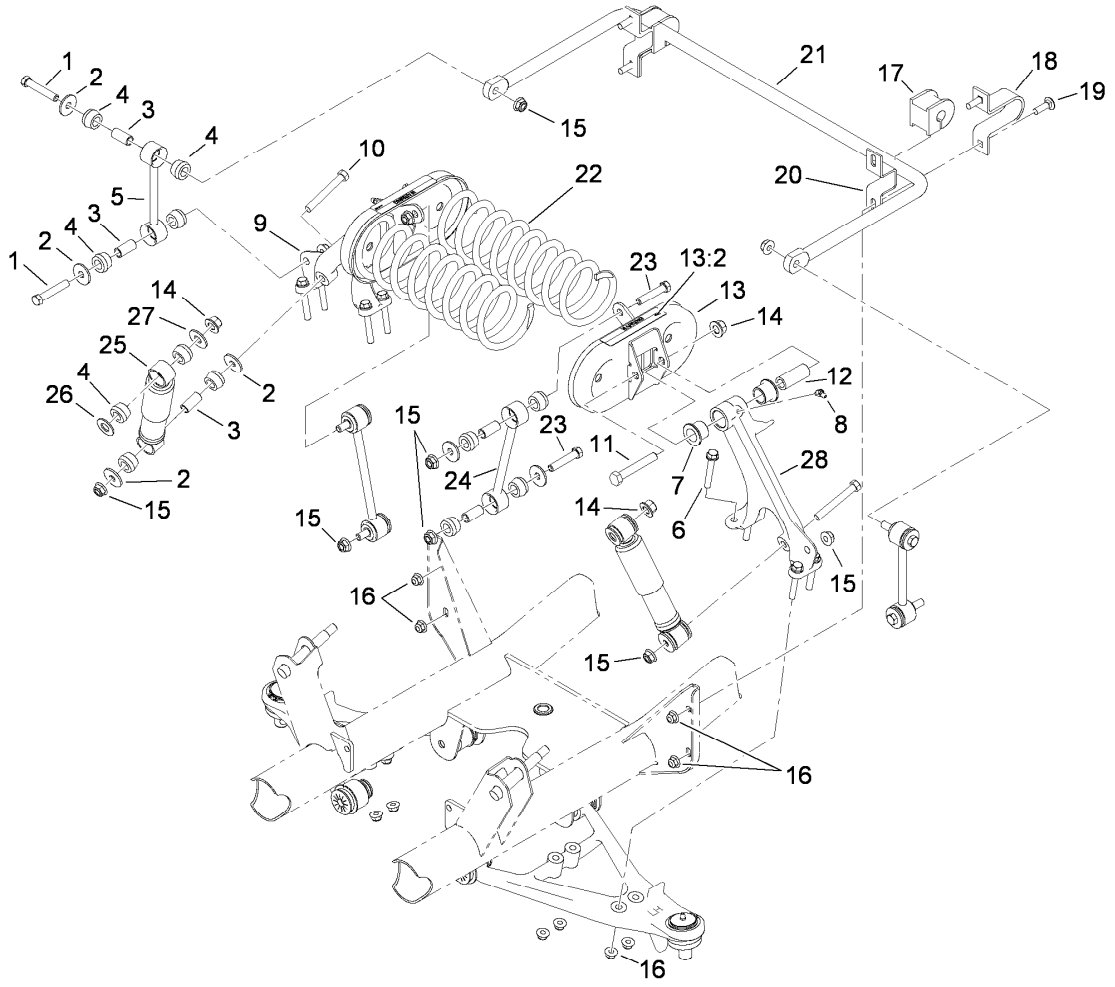
Hydraulic Cylinder Assembly No. 112-3217

Ref.	*Part Number*	*Qty.*	*Description*
3	115-2160	1	Cylinder Repair Kit



Steering Linkage Assembly

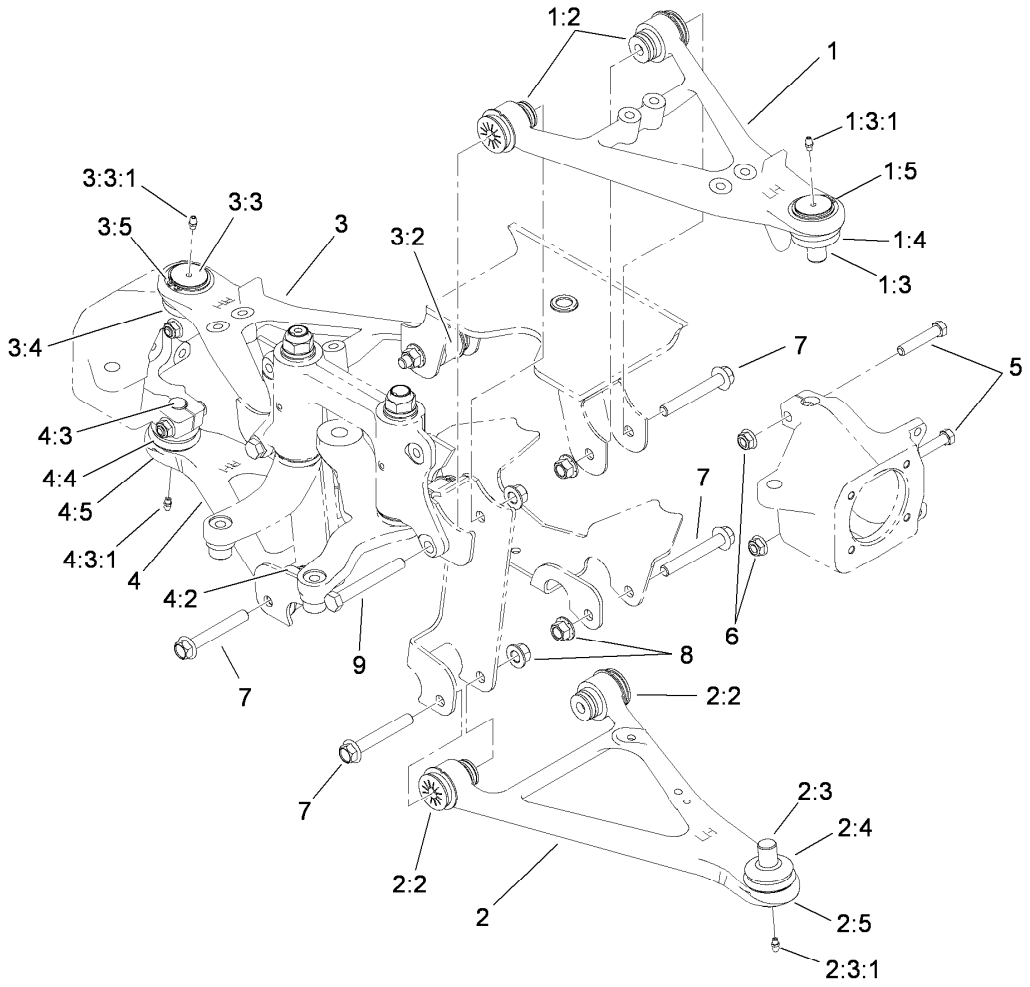
Ref.	*Part Number*	*Qty.*	*Description*
1	114-8389	1	Mount-Pivot
2	69-6470	2	Bushing-Caster
3	112-1626	2	Bushing-Flange
4	93-4632	2	Washer-Wavey
5	86-6560	2	Washer-Thrust
6	114-8256	1	Arm-Pitman
7	114-8298	1	Arm-Idler
8	115-2164	2	Nut-Spindle



Front Suspension Assembly

Ref.	Part Number	Qty.	Description
1	324-10	4	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
14	99-5107	4	Nut-Lock

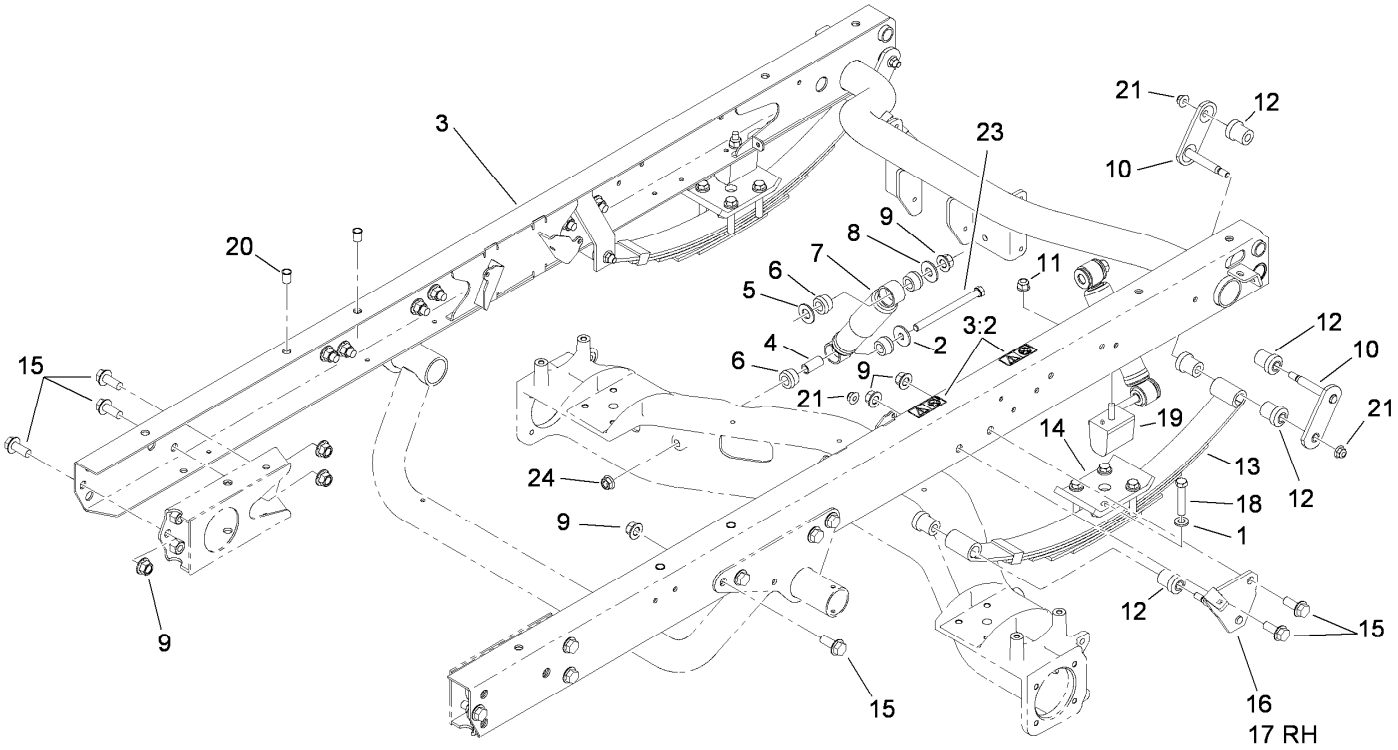
Ref.	Part Number	Qty.	Description
15	114-8417	10	Nut-HF, NI
16	104-8301	12	Nut-HF, NI
17	87-3910	2	Bushing-Rubber
18	87-4010-03	2	Clamp-Bar, Sway
19	3231-25	4	Bolt-CARR
20	87-3890-03	2	Bracket-Bar, Sway
21	87-3850-03	1	Bar-Sway, Anti
22	105-4183-01	2	Spring-Compression
23	324-9	4	Screw-HH
24	106-2302-03	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

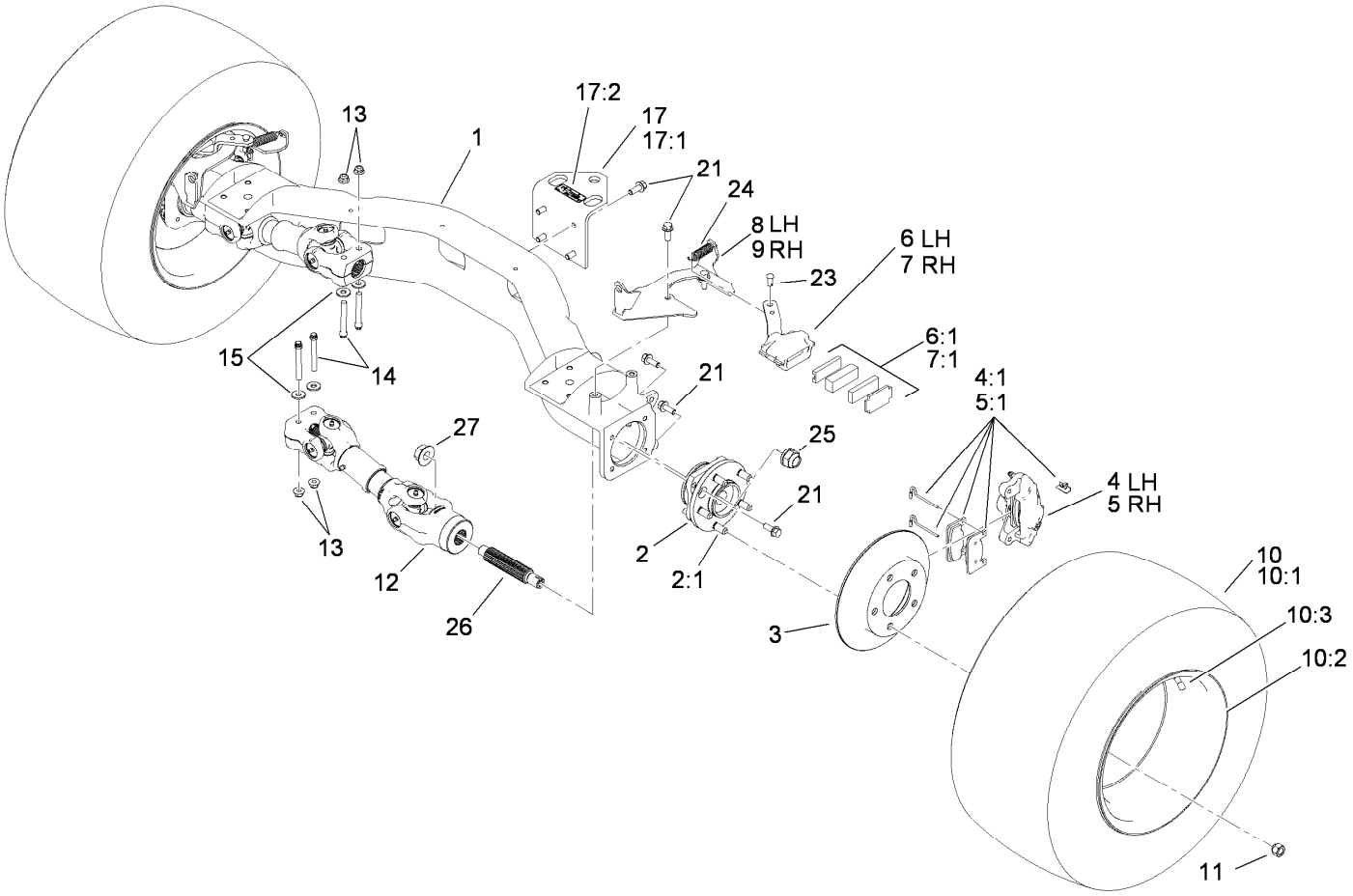
Ref.	*Part Number*	*Qty.*	*Description*
1	115-2404	1	Upper LH Control Arm ASM
1:2	87-1450	2	Bushing-Flange
1:3	115-2165	1	Ball Joint
1:3:1	302-5	1	Fitting-Grease
1:4	87-2420	1	Seal-Joint, Ball
1:5	32151-104	1	Ring-Retaining, External
2	115-2405	1	Lower LH Control Arm ASM
2:2	87-1450	2	Bushing-Flange
2:3	115-2165	1	Ball Joint
2:3:1	302-5	1	Fitting-Grease
2:4	87-2420	1	Seal-Joint, Ball
2:5	32151-104	1	Ring-Retaining, External
3	115-2406	1	Upper RH Control Arm ASM
3:2	87-1450	2	Bushing-Flange
3:3	115-2165	1	Ball Joint

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



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
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

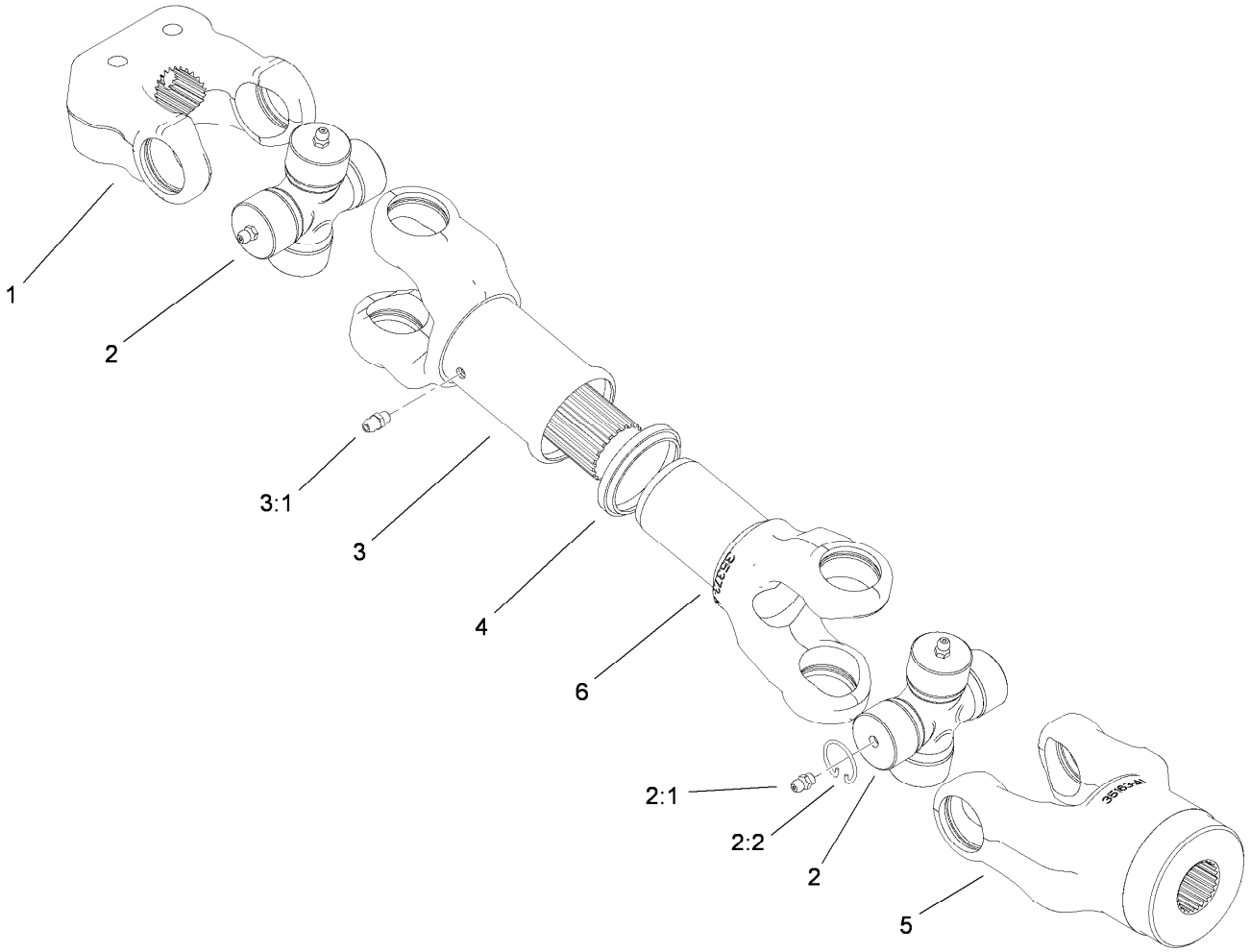


Rear Axle Assembly

Ref.	Part Number	Qty.	Description
1	112-3188	1	Axle-Rear
2	112-3214	2	Wheel Hub ASM
2:1	114-8299	5	Stud-Wheel
3	114-8351	2	Rotor-Brake
4	114-8359	1	Caliper-LH
4:1	115-7846	1	Brake Pad Kit (T108)
5	114-8360	1	Caliper-RH
5:1	115-7846	1	Brake Pad Kit (T108)
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

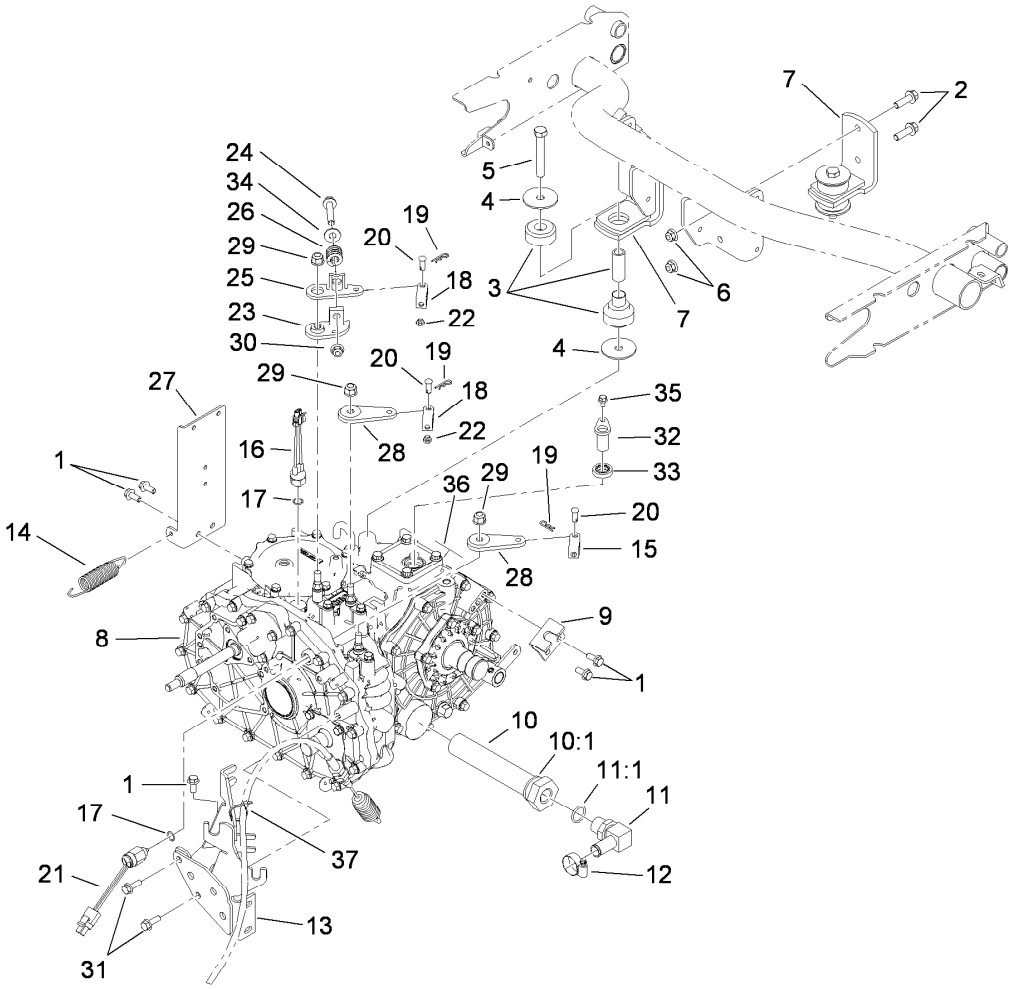
Ref.	Part Number	Qty.	Description
10:2	114-8259	1	Wheel
10:3	232-27	1	Stem-Valve
11	242-50	10	Nut-Lug
12	114-8367	2	Driveshaft ASM
13	104-8301	4	Nut-HF, NI
14	98-2939	4	Screw-Cap
15	80-6990	4	Washer-Hardened
17	115-7742	1	Hitch ASM
17:1	92-5951-03	1	Angle-Hitch
17:2	115-7740	1	Decal-Load, Towing
21	3234-11	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

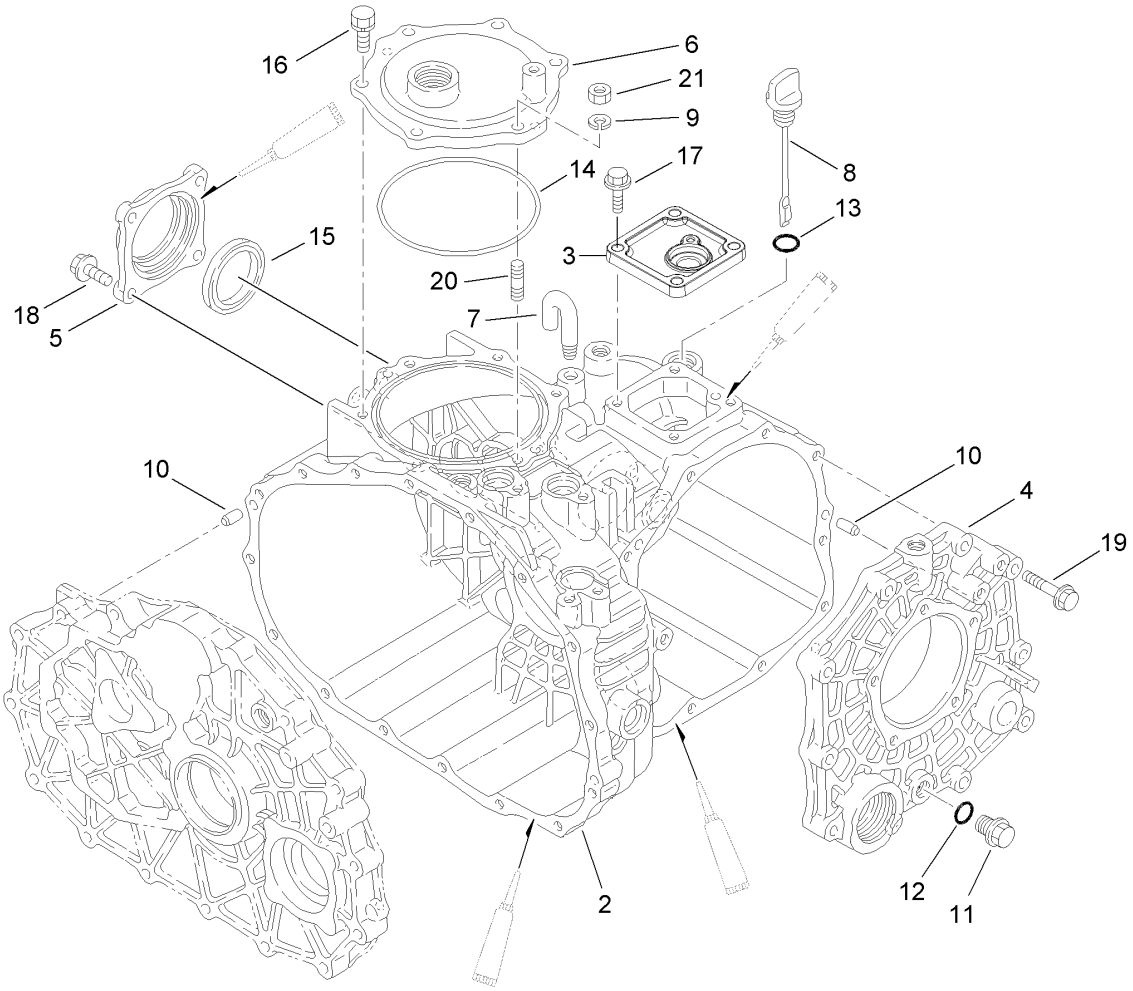
Ref.	*Part Number*	*Qty.*	*Description*
1	98-2940	1	Yoke
2	92-4187	2	Cross And Bearing Kit
2:1	302-58	4	Fitting-Straight
2:2	92-4188	4	Ring-Snap
3	92-4179	1	Yoke-Tube, Shaft And Seal
3:1	302-5	1	Fitting-Grease
4	92-4180	1	Seal
5	115-2351	1	Yoke
6	92-4182	1	Yoke-Telescoping



Transaxle Assembly

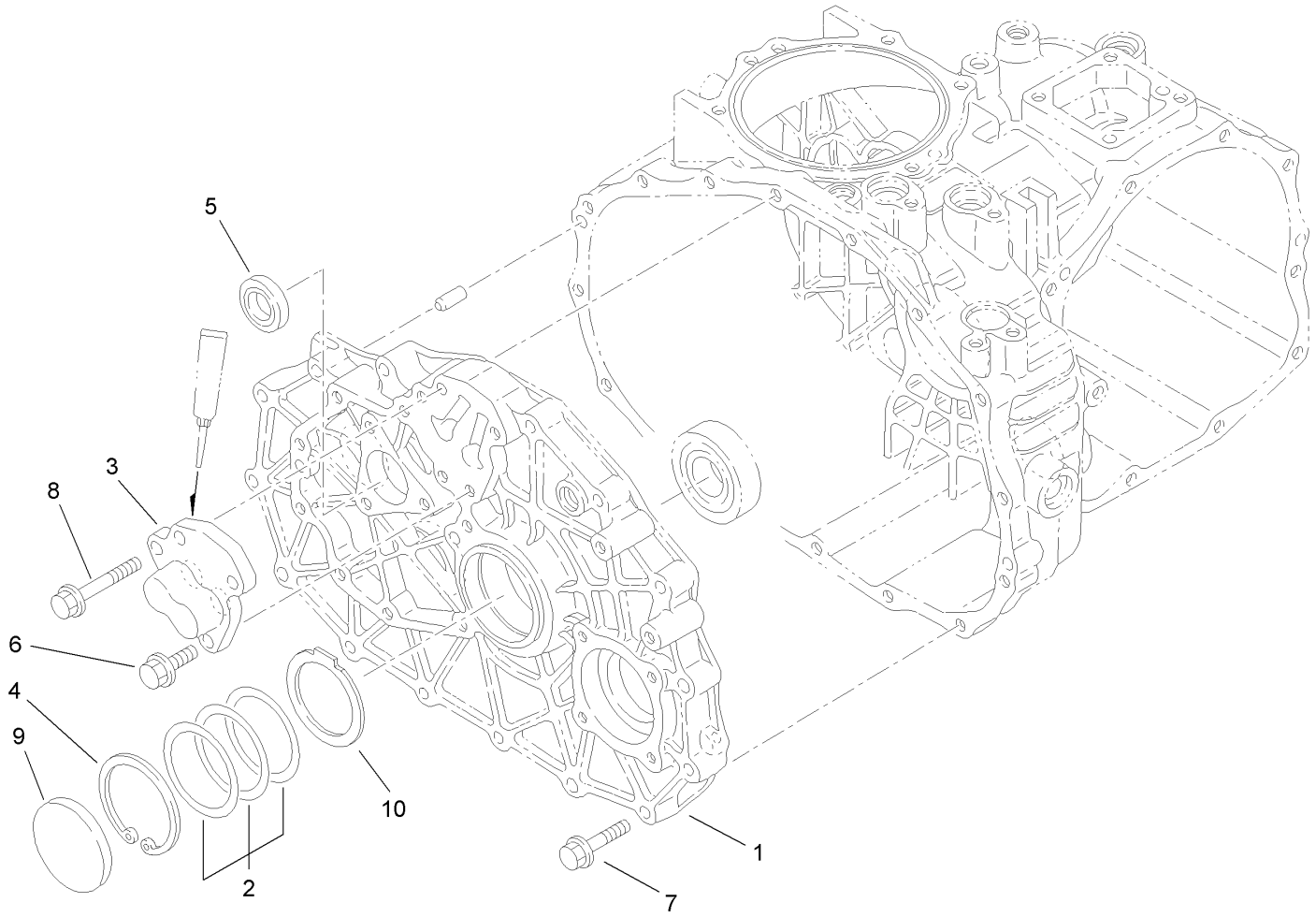
Ref.	Part Number	Qty.	Description
1	98-7977	5	Screw-HHF
2	3234-24	4	Screw-HHF
3	106-7865	2	Mount-Engine
4	87-5100	4	Washer-Snubbing
5	33116-080	2	Screw-HH
6	104-8301	4	Nut-HF, NI
7	87-5800-03	2	Mount-Transaxle
8	115-7783	1	2 Wheel Drive Transaxle ASM
9	87-4470	1	Bracket-Lock, Differential
10	87-3990	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	115-2240-03	1	Bracket-Fuel
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	85-4350	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



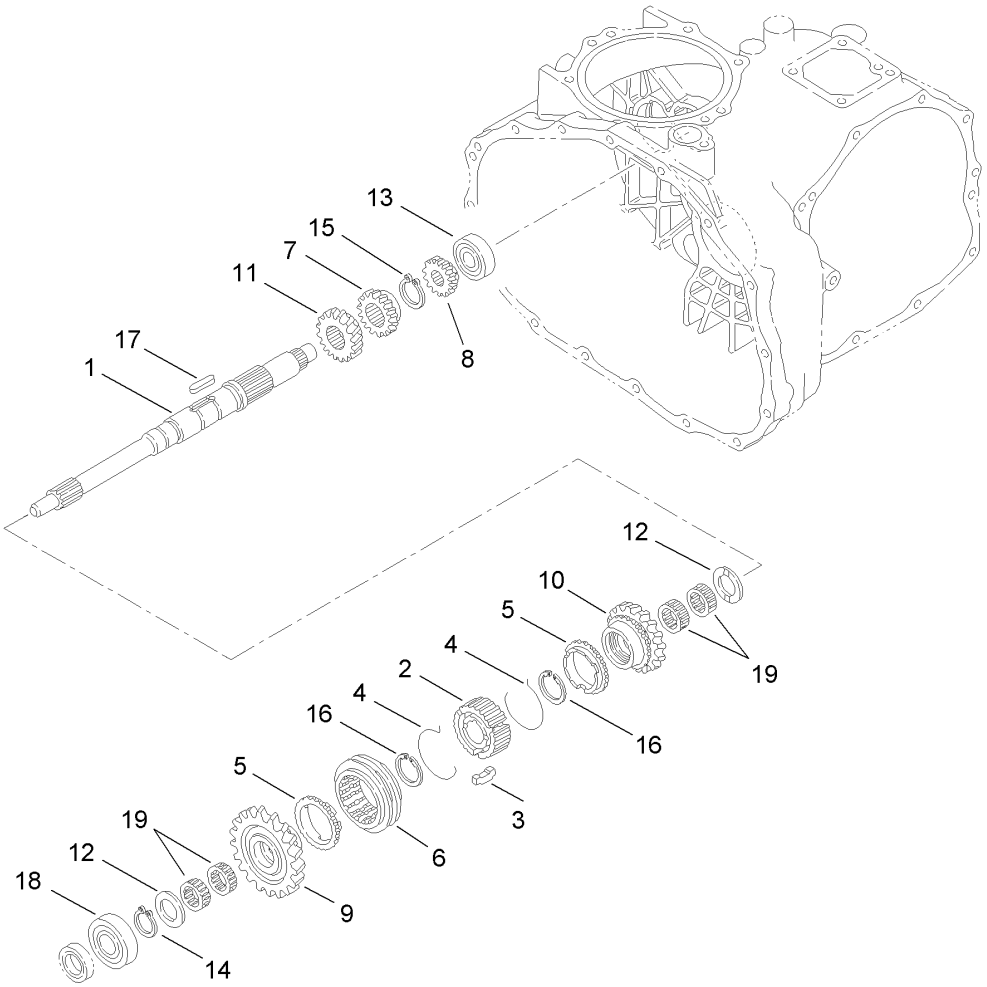
Case Assembly
Transaxle Assembly No. 115-7783

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
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



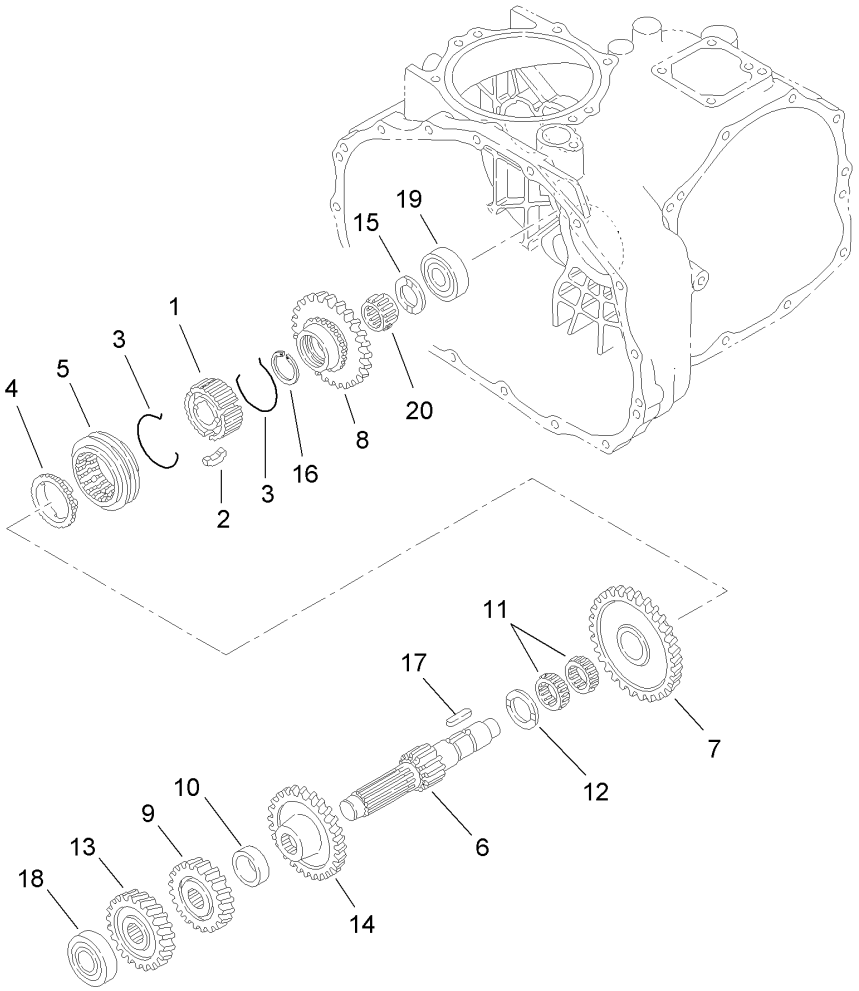
Center Plate Assembly
Transaxle Assembly No. 115-7783

Ref.	*Part Number*	*Qty.*	*Description*
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)



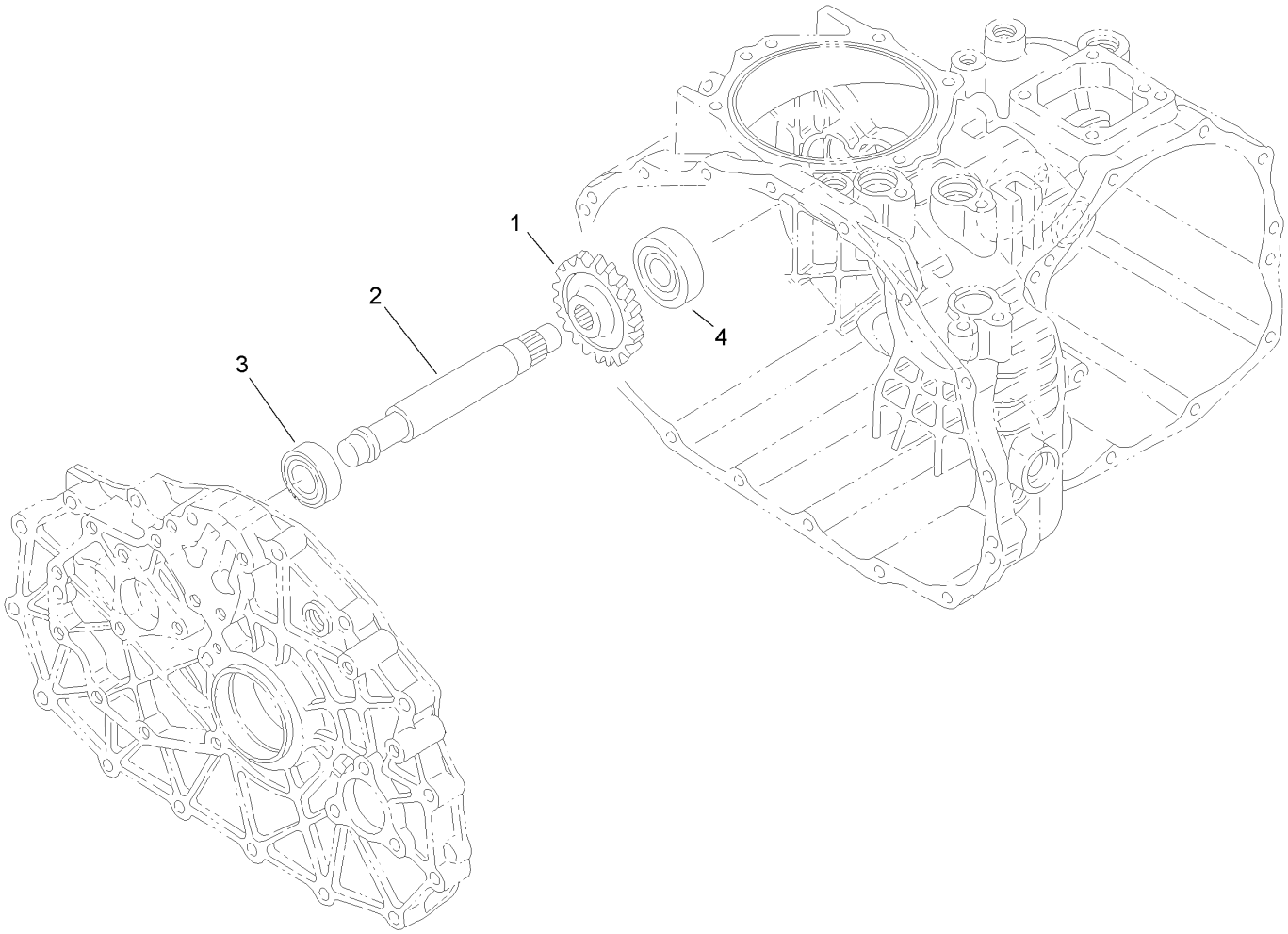
Main Shaft Assembly
Transaxle Assembly No. 115-7783

Ref.	*Part Number*	*Qty.*	*Description*
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
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



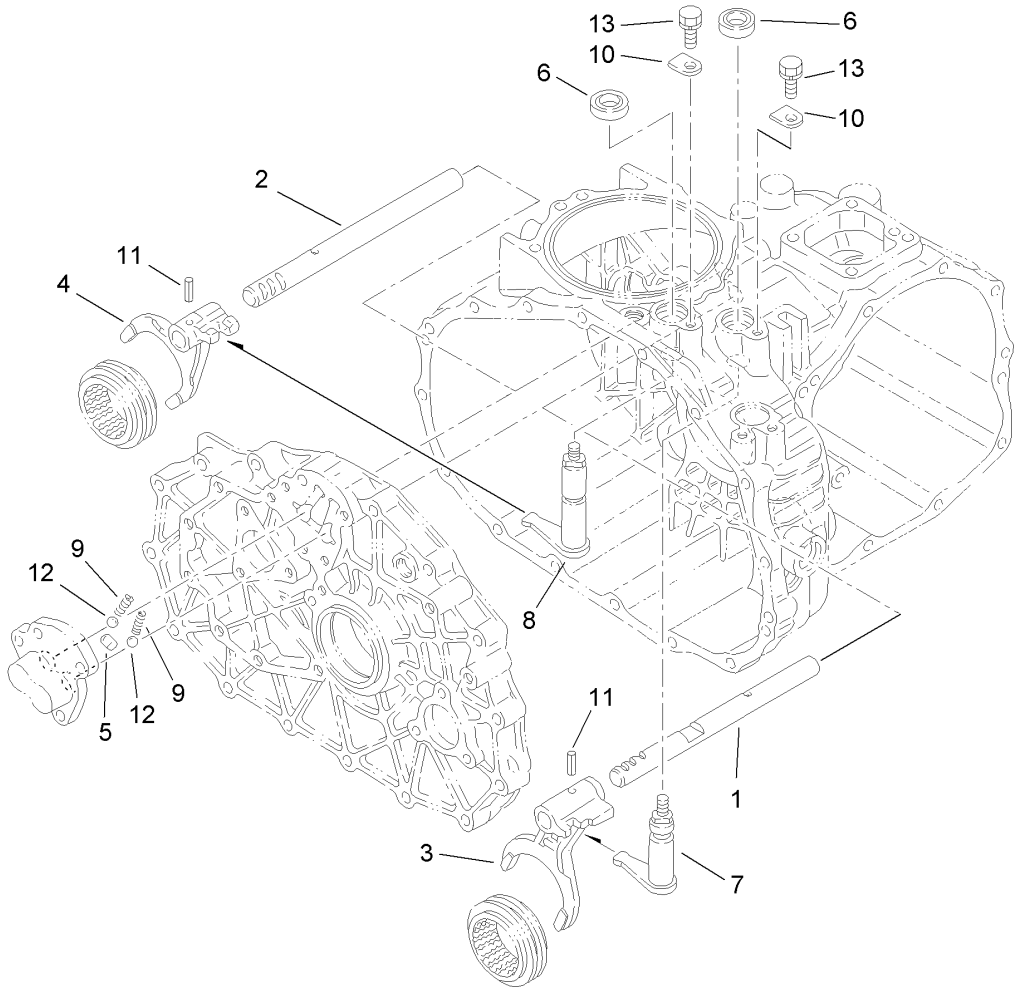
Reduction Shaft Assembly
Transaxle Assembly No. 115-7783

Ref.	*Part Number*	*Qty.*	*Description*
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
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



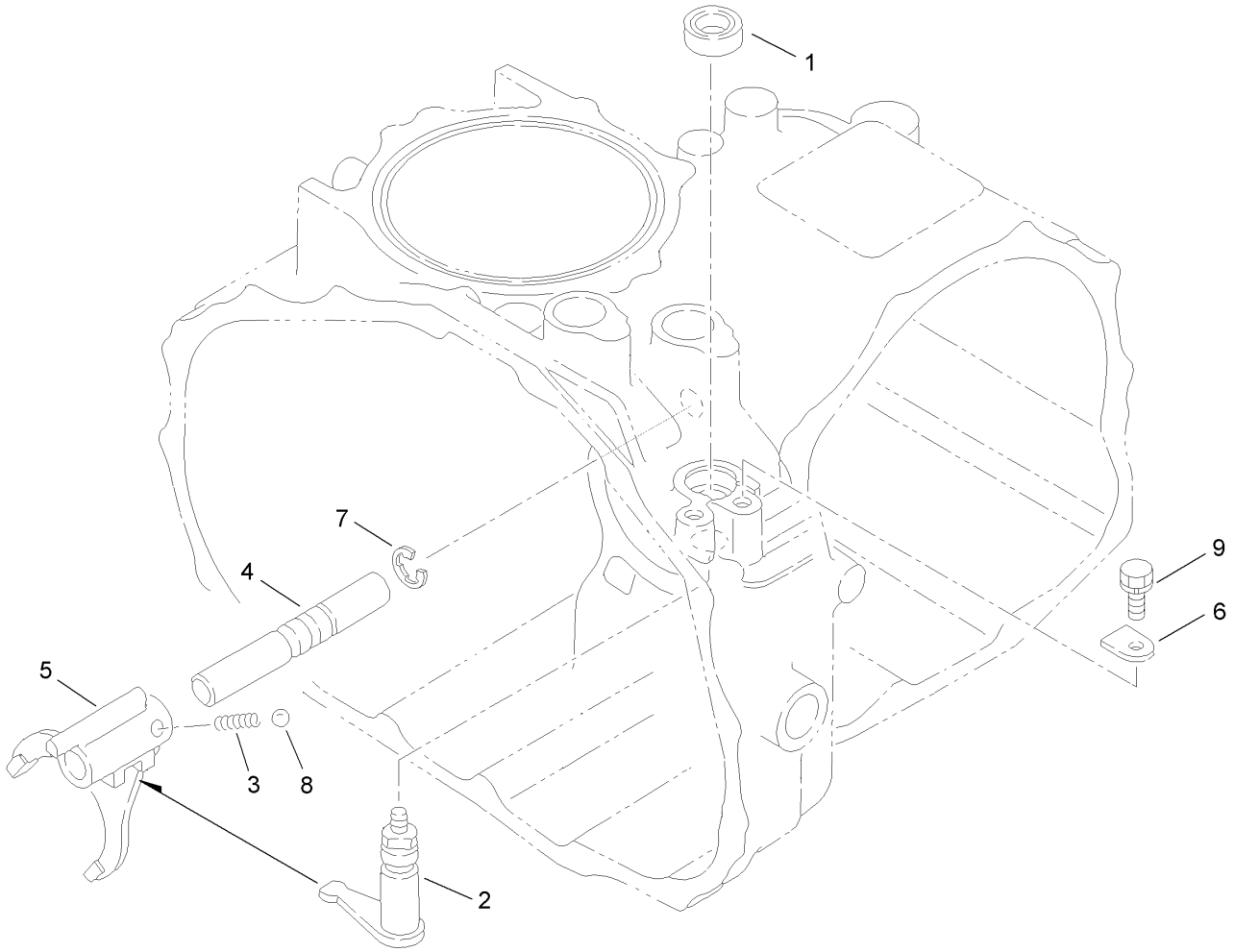
Reverse Shaft Assembly
Transaxle Assembly No. 115-7783

Ref.	*Part Number*	*Qty.*	*Description*
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



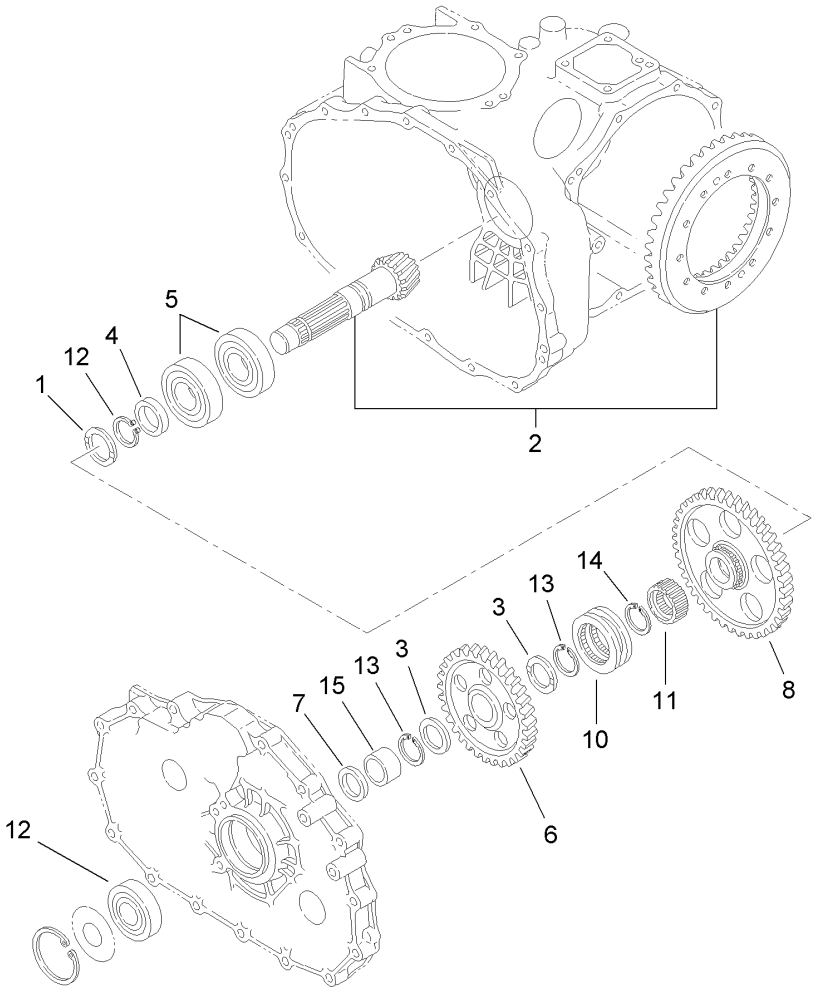
Main Shift Assembly
Transaxle Assembly No. 115-7783

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



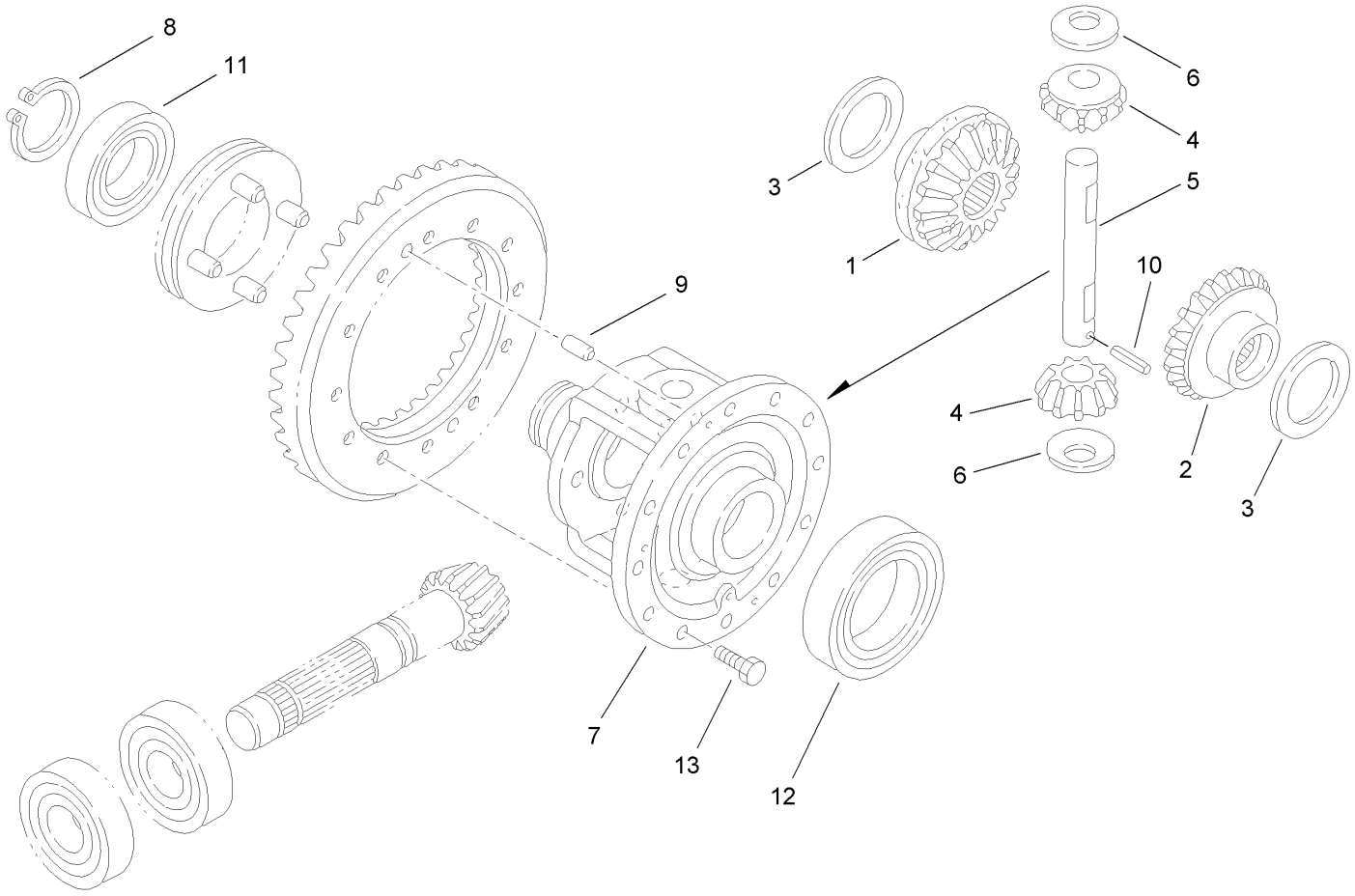
Hi-Lo Shift Assembly
Transaxle Assembly No. 115-7783

Ref.	*Part Number*	*Qty.*	*Description*
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



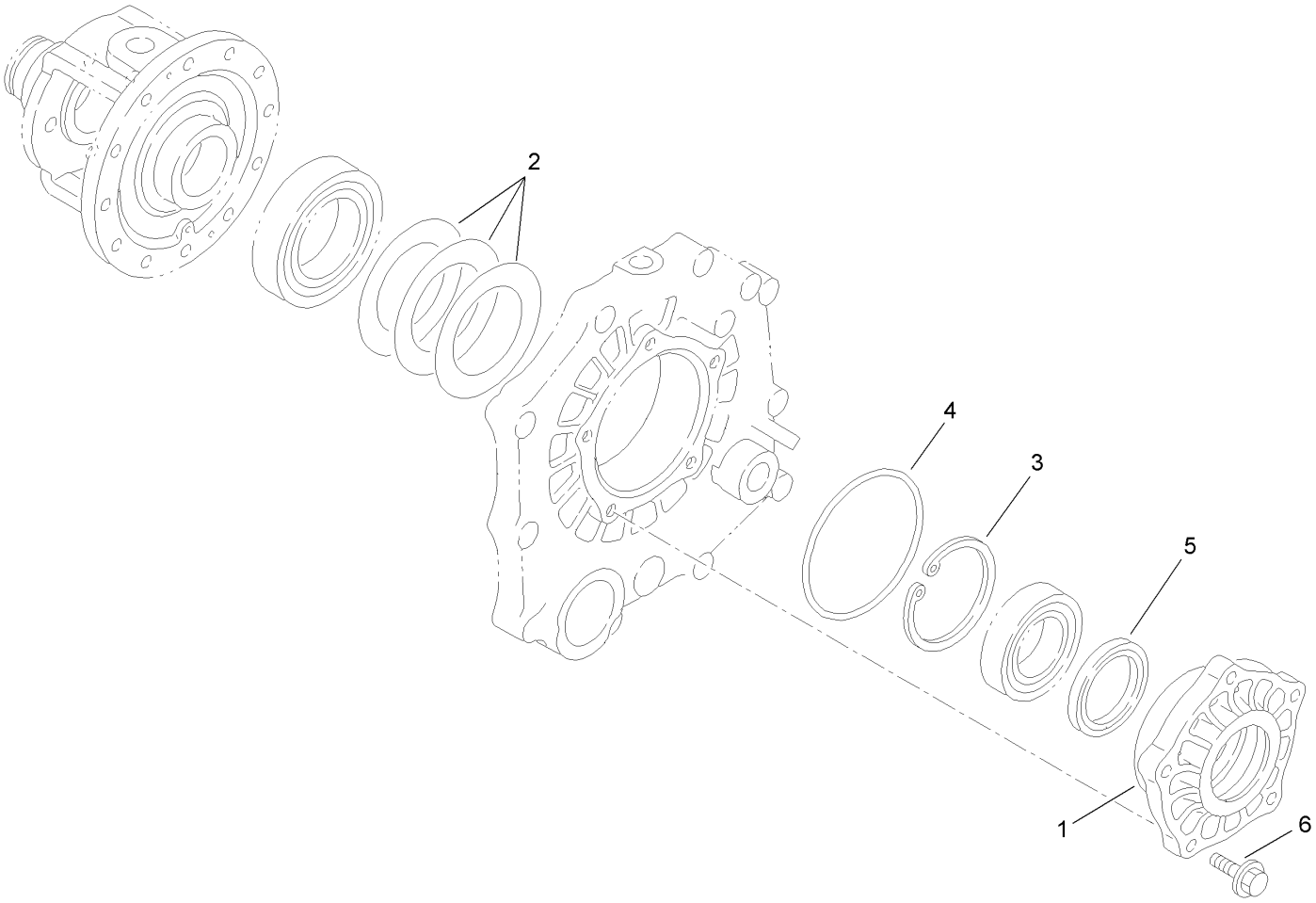
Countershaft Assembly
Transaxle Assembly No. 115-7783

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



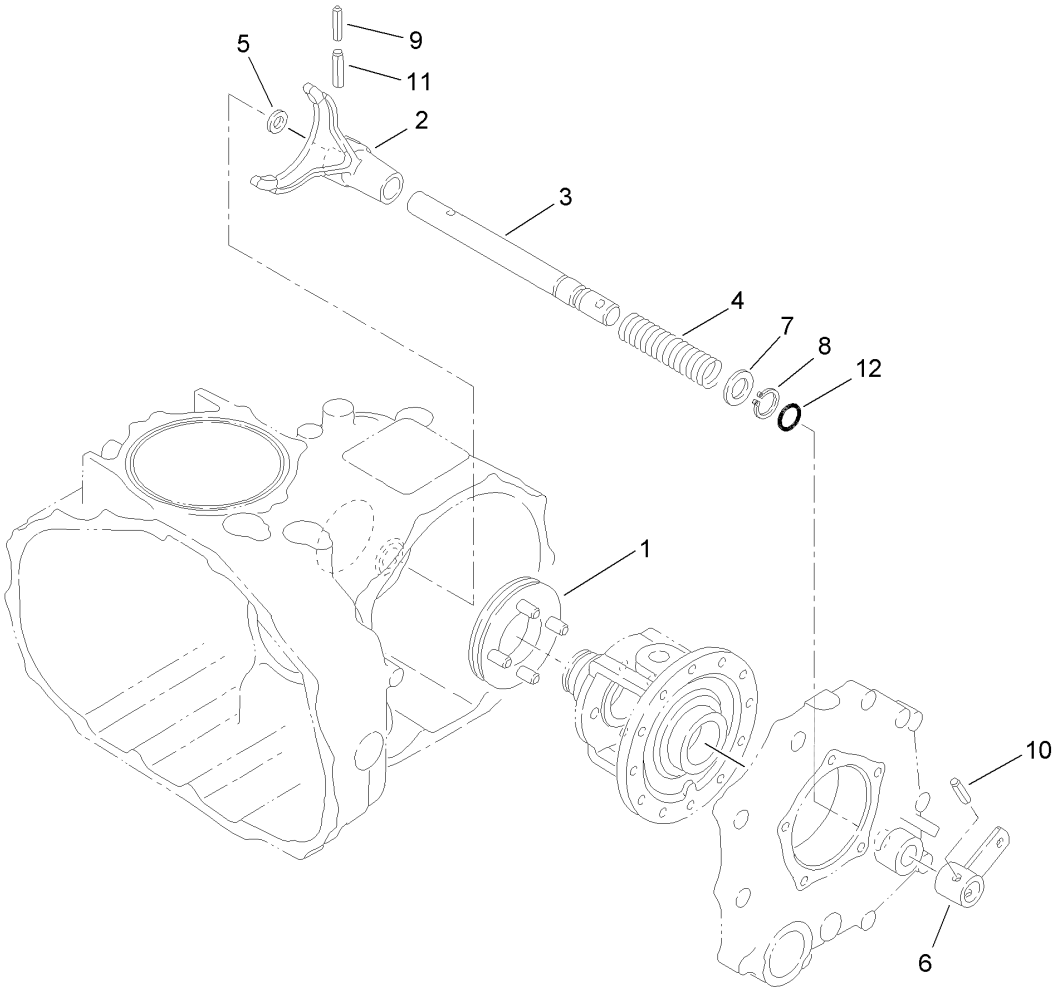
Differential Gear Assembly
Transaxle Assembly No. 115-7783

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



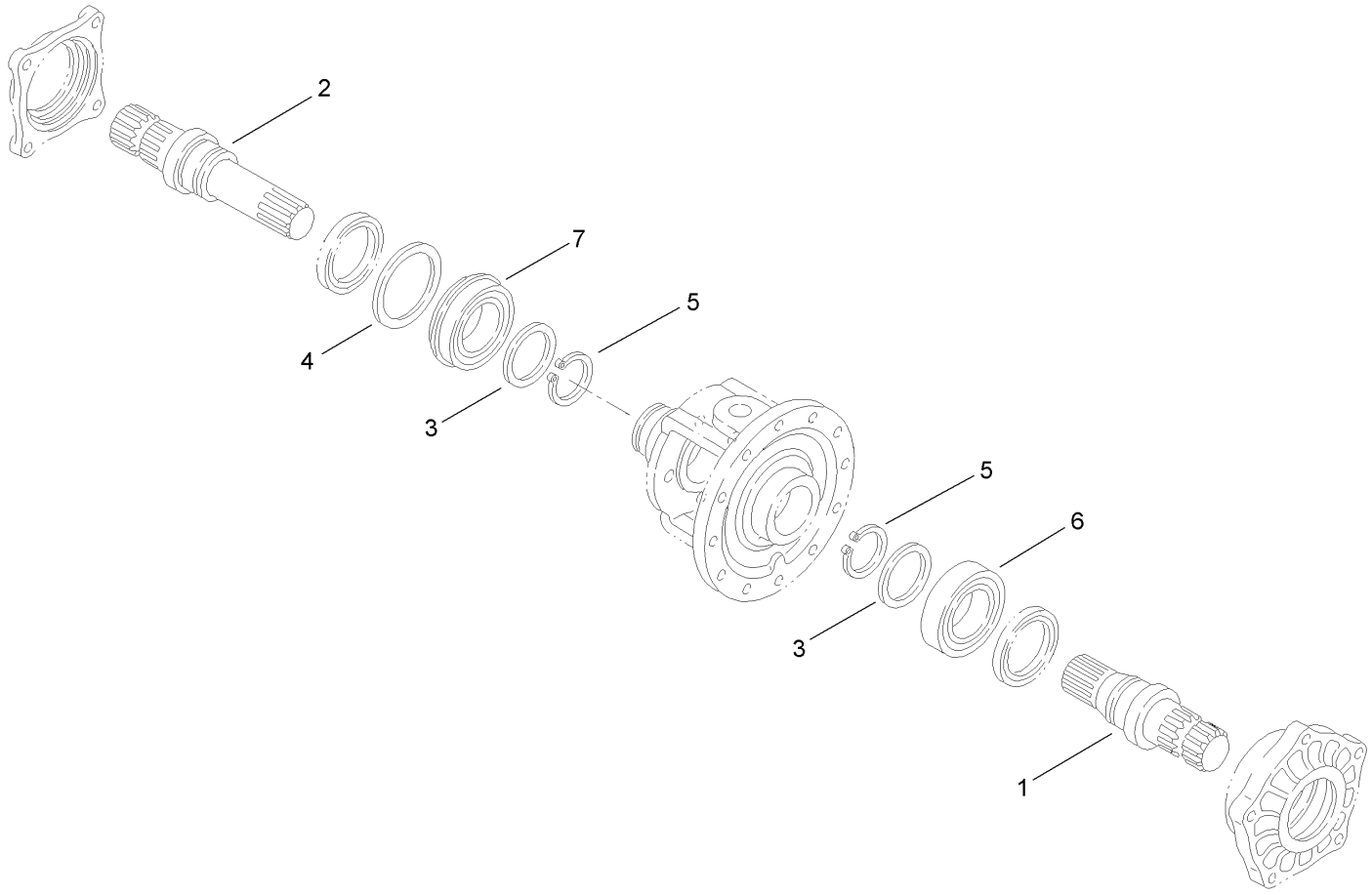
Differential Carrier Assembly
Transaxle Assembly No. 115-7783

Ref.	*Part Number*	*Qty.*	*Description*
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



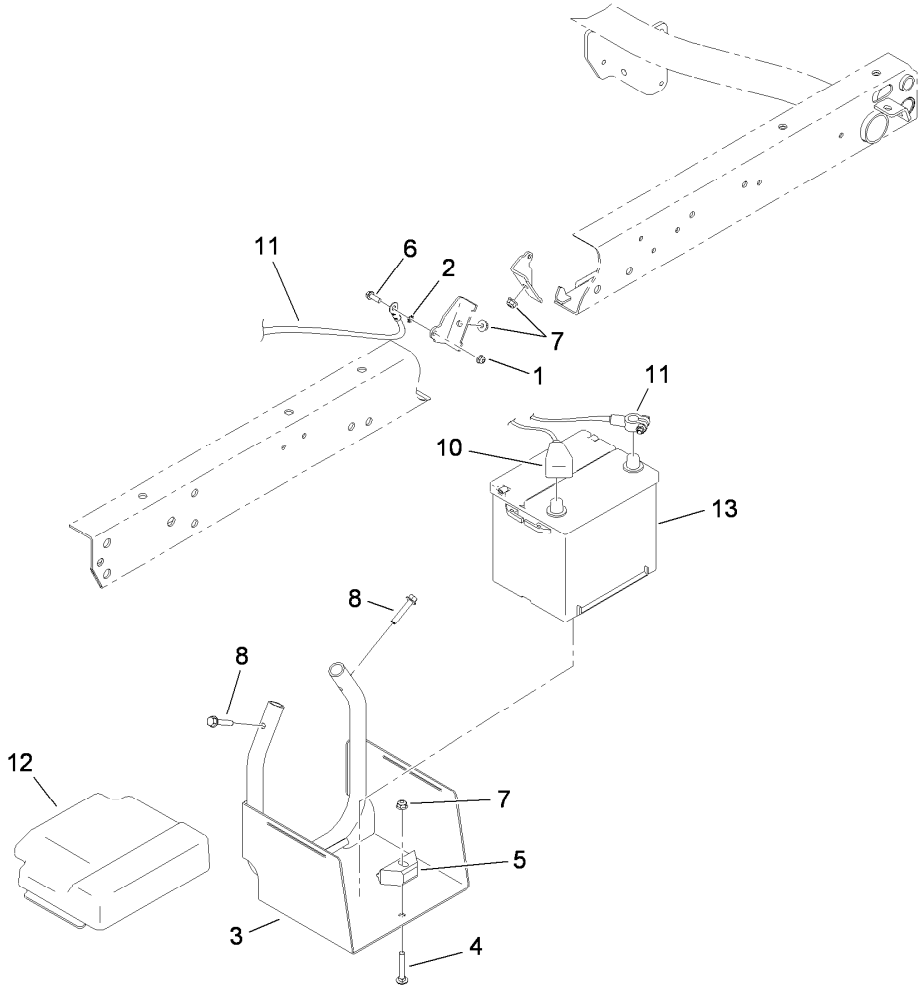
Differential Lock Assembly
Transaxle Assembly No. 115-7783

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



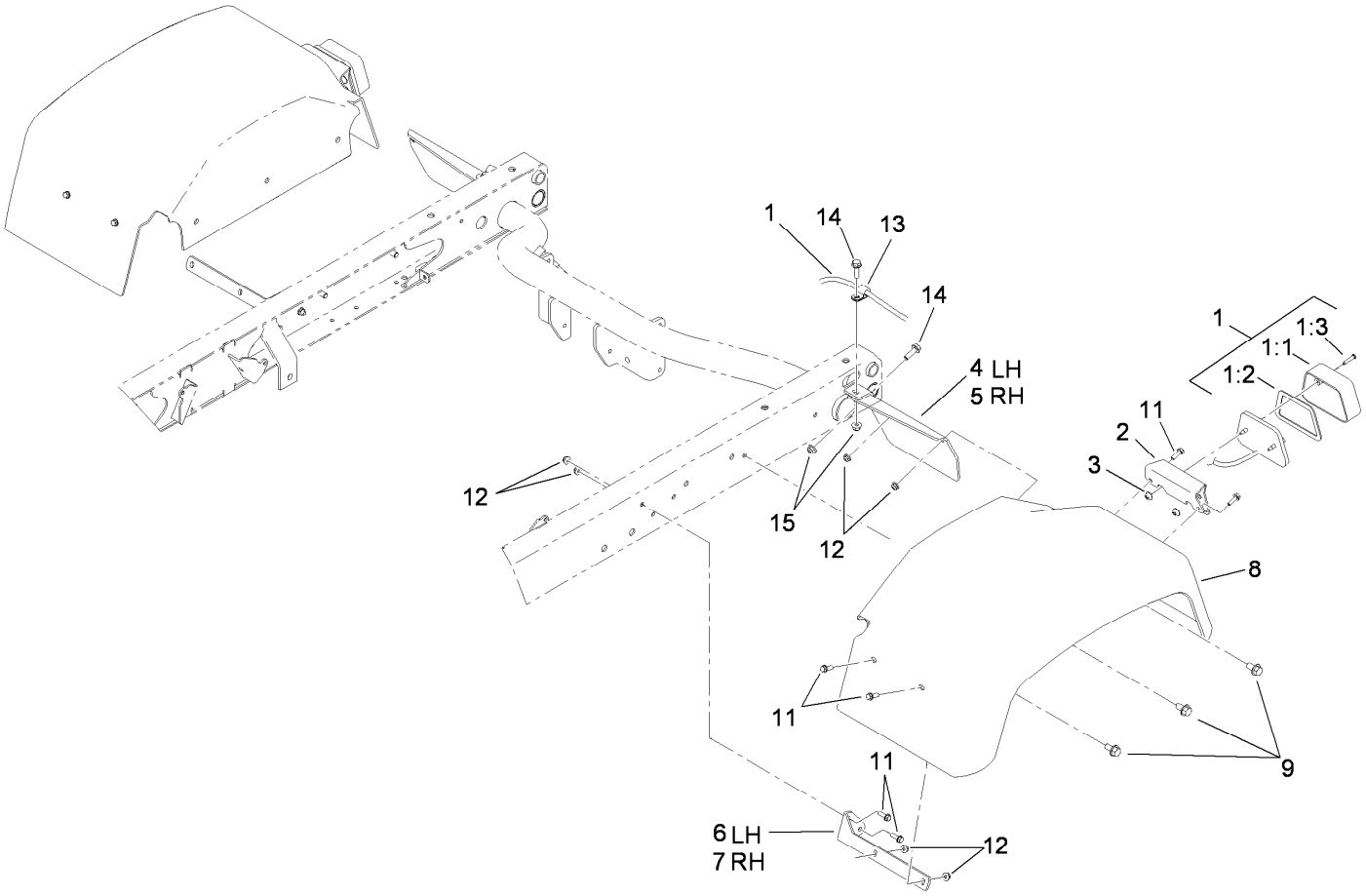
Axle Shaft Assembly
Transaxle Assembly No. 115-7783

Ref.	*Part Number*	*Qty.*	*Description*
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



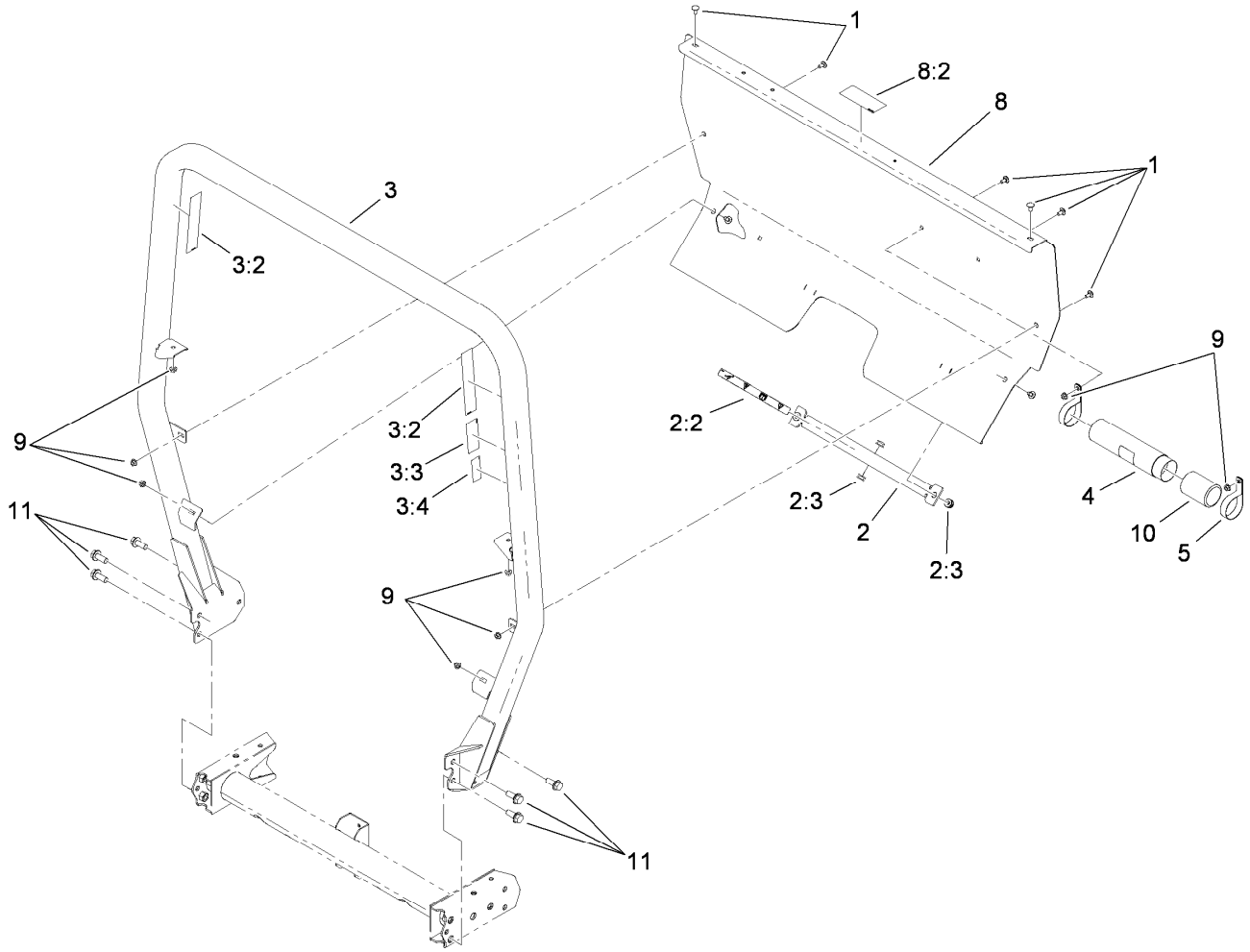
Battery Assembly

Ref.	*Part Number*	*Qty.*	*Description*
1	104-7201	1	Nut-HF, NI
2	3255-7	1	Washer-Lock/EXT
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



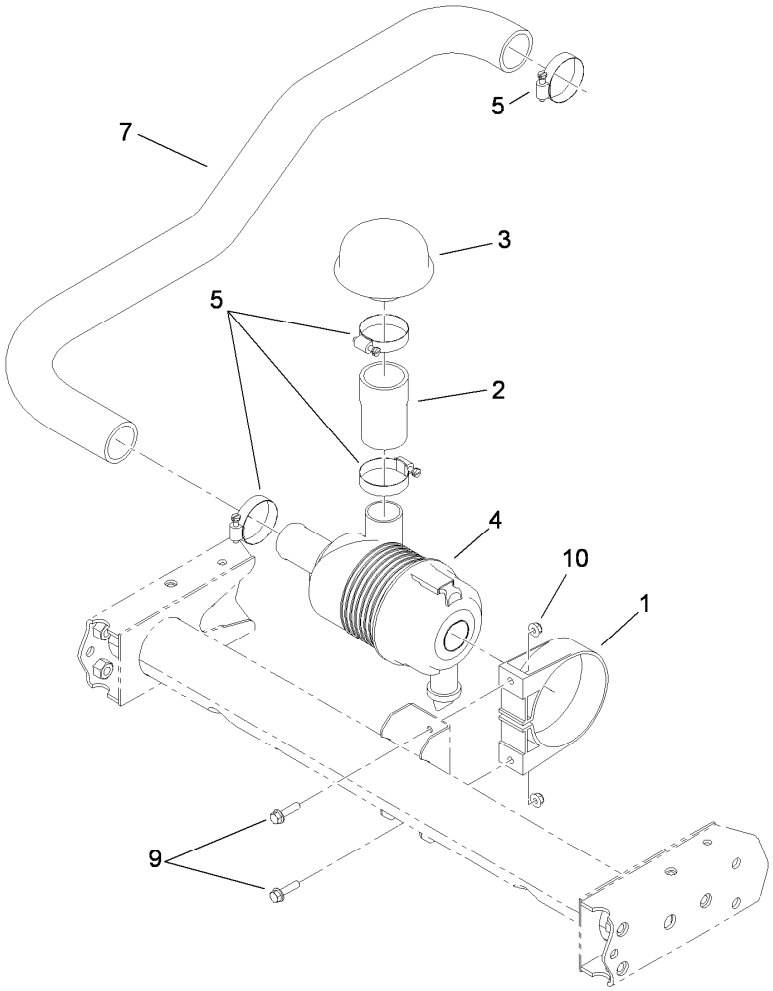
Tail Light and Fender Assembly

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)
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



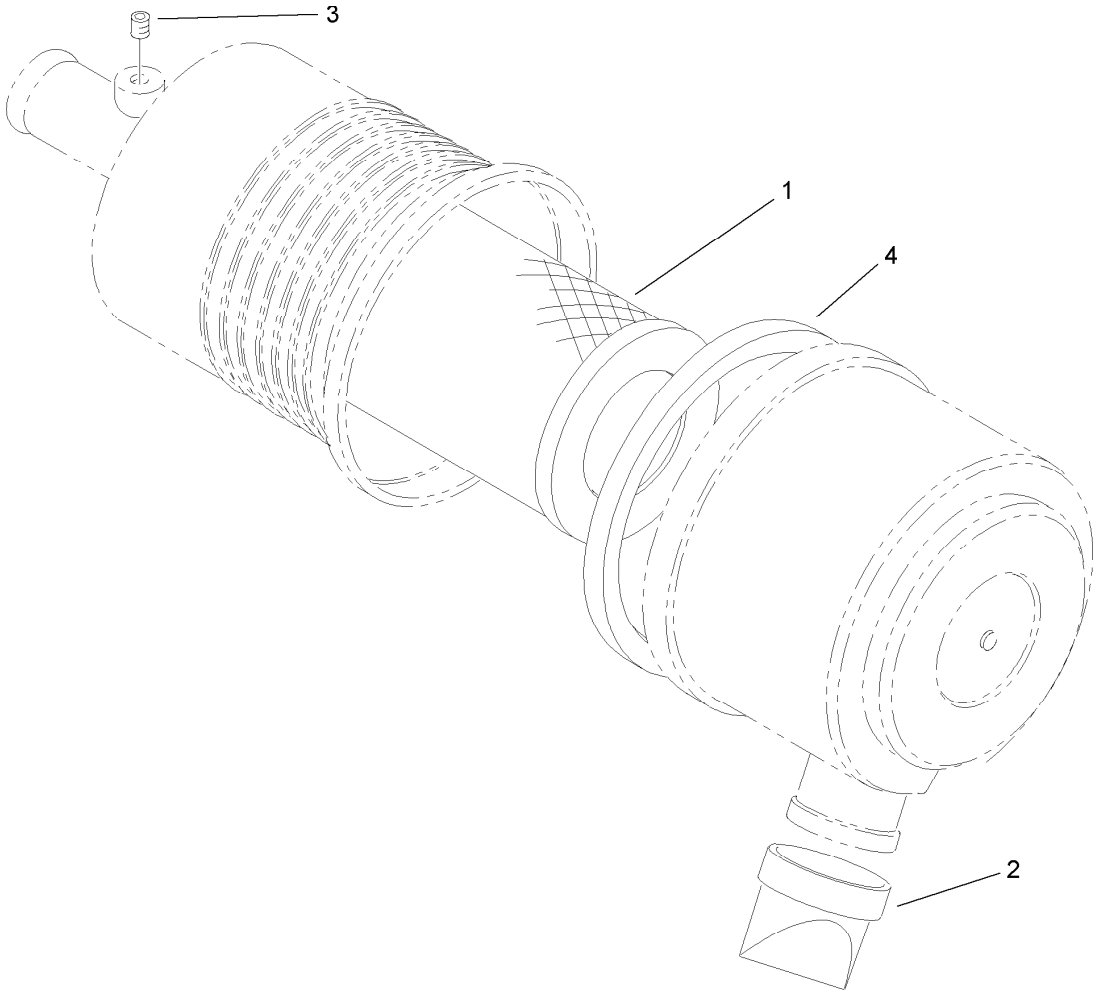
Roll-Over Protection System Assembly

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



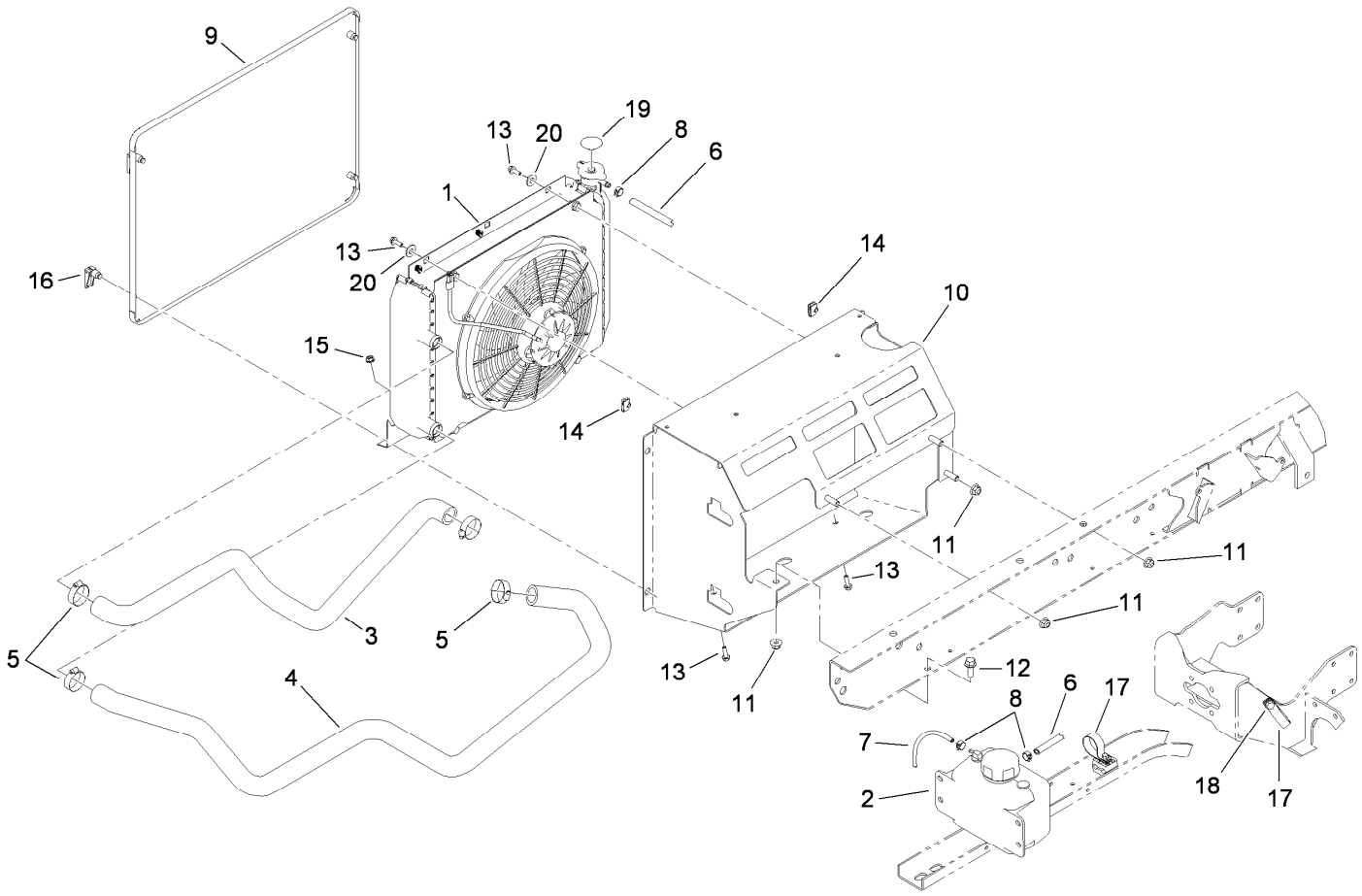
Air Cleaner Assembly

Ref.	*Part Number*	*Qty.*	*Description*
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	115-7754	1	Hose-Intake, Air
9	3234-36	2	Screw-HHF
10	104-8300	2	Nut-HF, NI



Air Cleaner Assembly No. 106-2416

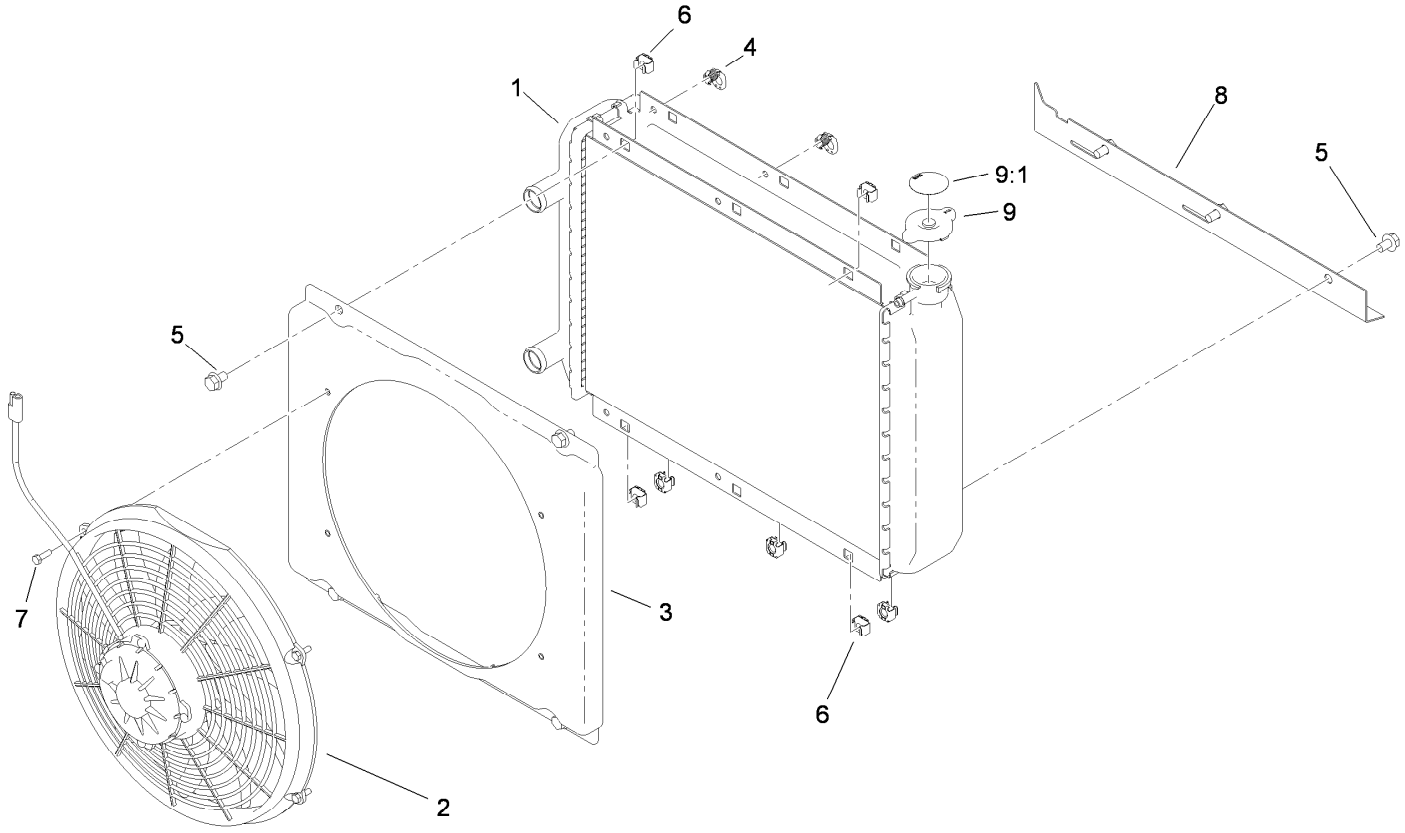
Ref.	*Part Number*	*Qty.*	*Description*
1	108-3811	1	Filter-Air V-Twin HD
2	104-0498	1	Valve-Vacuator
3	285-17	1	Plug-Pipe
4	106-6748	1	Gasket



Cooling System Assembly

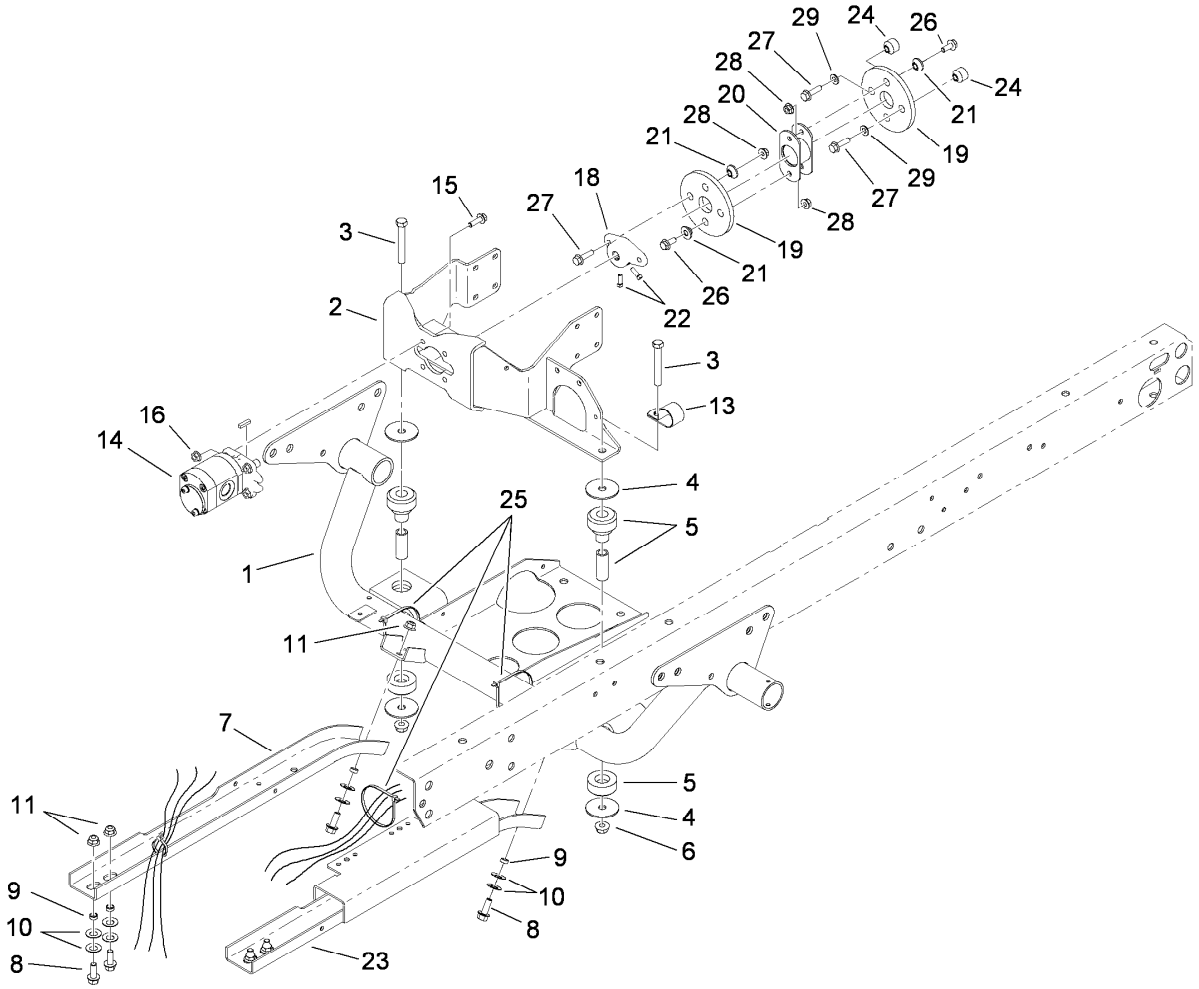
Ref.	*Part Number*	*Qty.*	*Description*
1		1	Radiator ASM ●
2	87-3710	1	Reservoir-Coolant
3	115-7753	1	Hose-Coolant, Upper
4	115-7752	1	Hose-Coolant, Lower
5	2412-34	4	Clamp-Hose
6	93-5540	1	Hose
7	110-4104	1	Hose-Fuel
8	92-2379	3	Clamp-Hose
9	115-2428-03	1	Screen-Radiator
10	115-2434	1	Mount-Radiator
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
19	106-6755	1	Decal-Cap, Radiator
20	3256-3	2	Washer-Flat

● Not serviced separately



Radiator Assembly

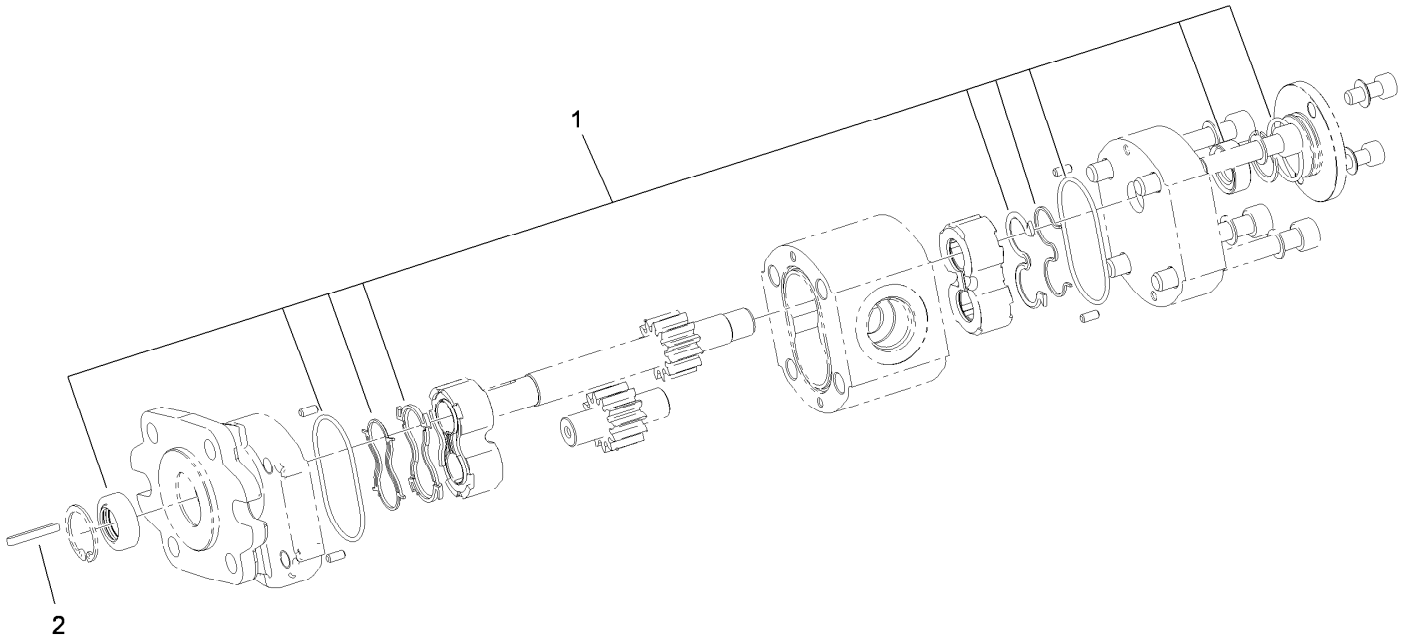
Ref.	*Part Number*	*Qty.*	*Description*
1	161-5356	1	Radiator Kit
2	114-8385	1	Fan-Electric
3	114-8386	1	Shroud
4	114-8387	2	Latch-Spring
5	3234-30	7	Screw-HHF
6	703856	7	Nut-Sq, Caged
7	60-6910	4	Screw-HH
8	115-7765	1	Plate-Mount, Lower
9	115-7766	1	Cap-Radiator
9:1	106-6755	1	Decal-Cap, Radiator



Engine Support Assembly

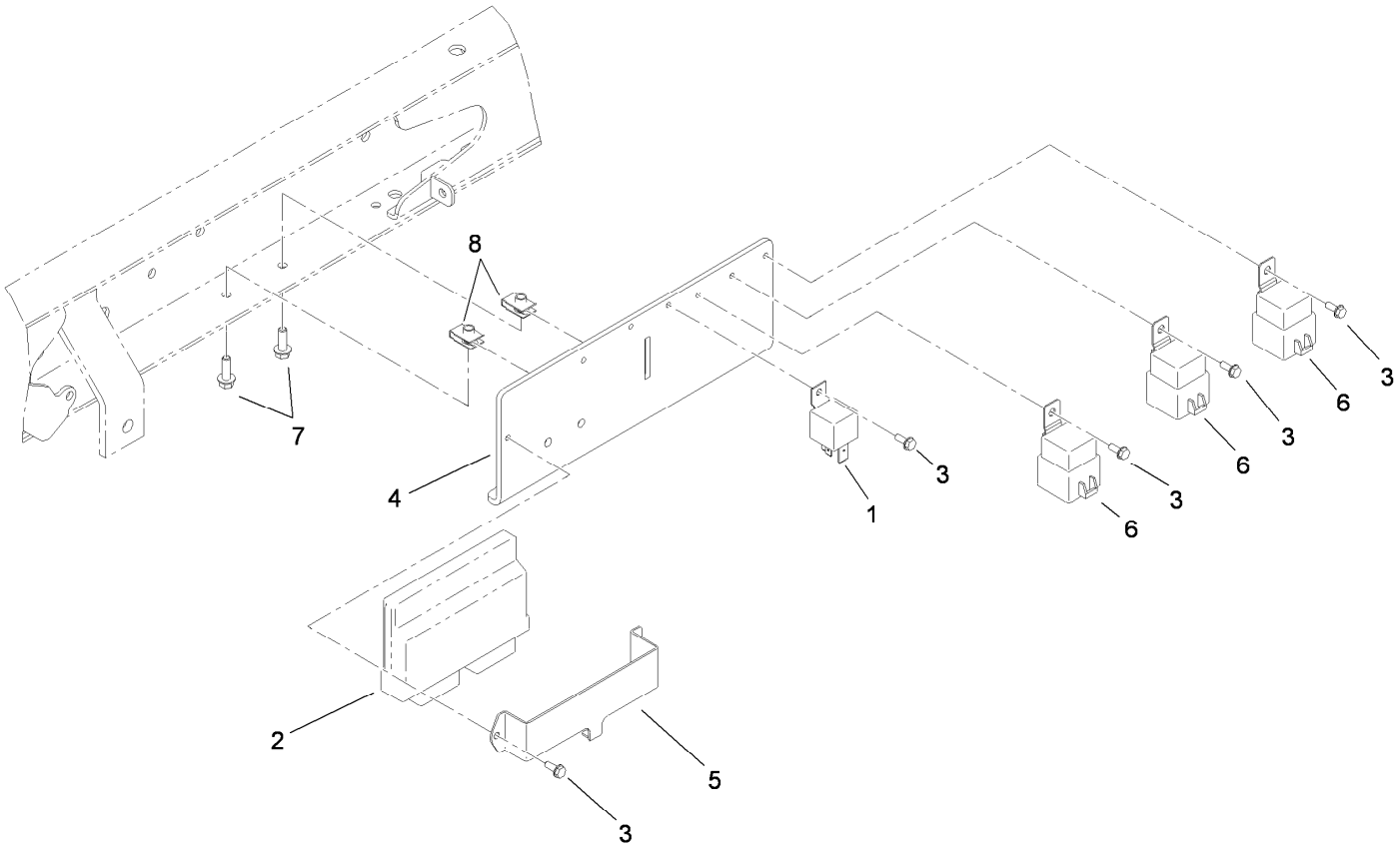
Ref.	Part Number	Qty.	Description
1	115-2256-03	1	Support-Engine
2	114-8443-03	1	Mount-Pump/Engine
3	324-12	2	Screw-HH
4	87-5100	4	Washer-Snubbing
5	106-7865	2	Mount-Engine
6	114-8417	2	Nut-HF, NI
7	87-4730-03	1	Guard-Belly
8	3234-11	6	Screw-HHF
9	76-9100	6	Spacer
10	3290-413	12	Washer-Belleville
11	104-8301	6	Nut-HF, NI
13	2412-82	1	Clamp-R
14	114-8302	1	HYD Pump ASM
15	3234-17	4	Screw-HHF

Ref.	Part Number	Qty.	Description
16	32128-20	4	Nut-HF
18	115-2169	1	Hub-Pump
19	115-5129	2	Coupling-Rubber
20	85-8770	1	Coupling
21	27-6600	6	Spacer-Coupling
22	3241-6	2	Screw-SQH
23	115-2215-03	1	Guard-LH
24	27-6590	2	Spacer-Coupling, Rubber
25	3290-379	4	Tie-Cable
26	98-7977	4	Screw-HHF
27	33104-030	4	Screw-HHF
28	98-0668	6	Nut
29	3256-71	2	Washer-Flat



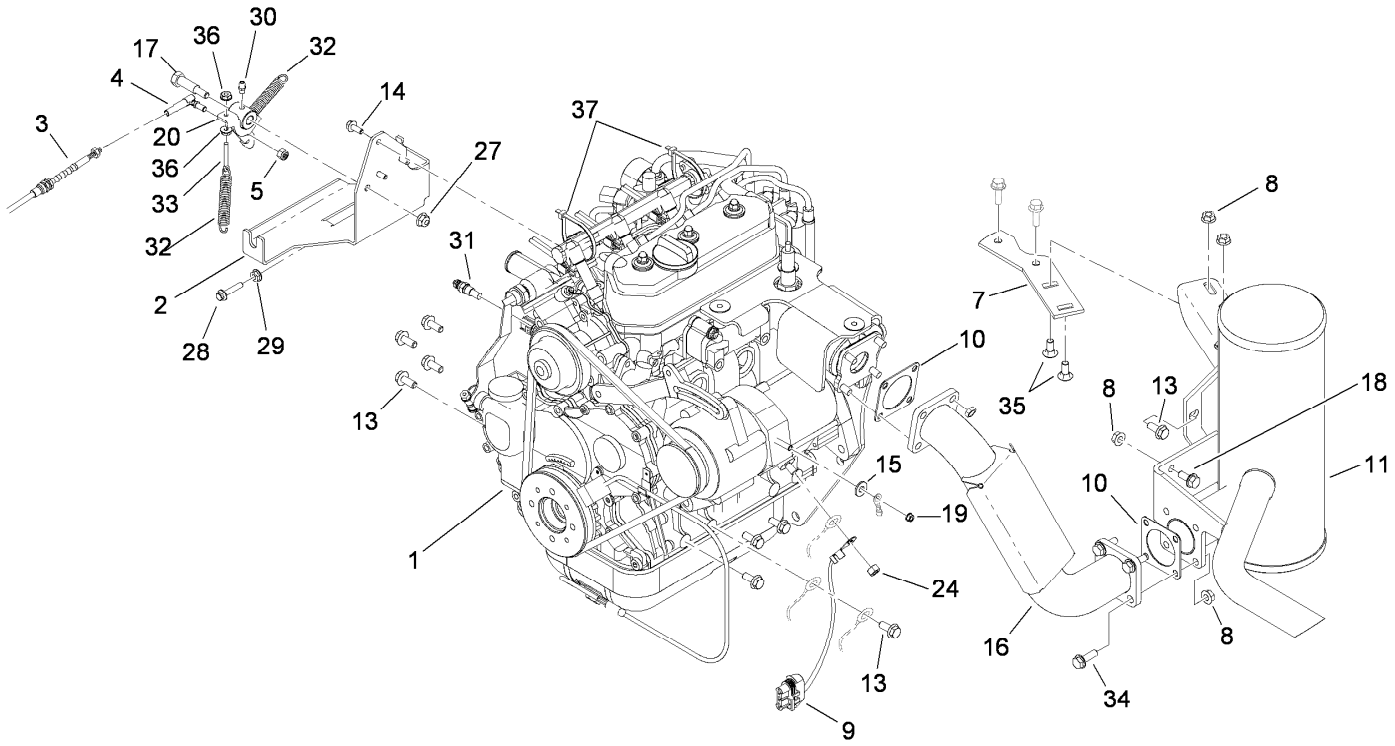
Hydraulic Gear Pump Assembly No. 114-8302

Ref.	*Part Number*	*Qty.*	*Description*
1	115-8696	1	Seal Kit
2	115-7855	1	Key-Square



ECM and Relay Assembly

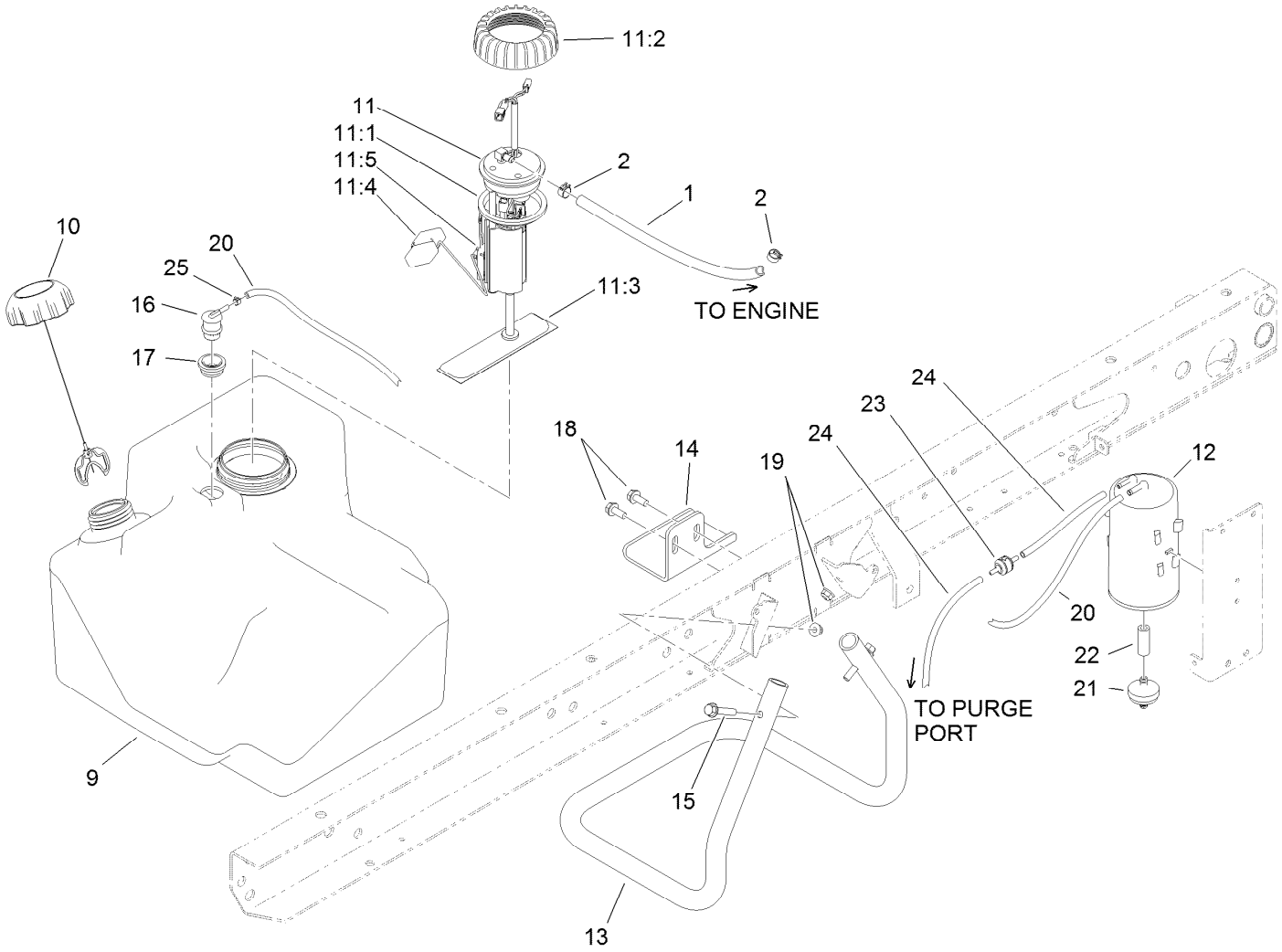
Ref.	*Part Number*	*Qty.*	*Description*
1	99-7435	1	Relay
2	114-8371	1	Module-Injection, Fuel
3	32144-112	5	Screw-HWH
4	115-2225	1	Bracket-Relay
5	115-2227	1	Holder-ECM
6	99-7430	3	Relay-Mini
7	3234-4	2	Screw-HHF
8	107069	2	Clip



Engine Assembly

Ref.	Part Number	Qty.	Description
1	114-8319	1	Engine ASM
2	115-2447-03	1	Bracket-Throttle
3	115-2285	1	Cable-Accelerator
4	18-1720	1	Ball Joint
5	3296-3	1	Nut-Lock
7	105-9472	1	Plate-Mount, Muffler
8	32128-20	8	Nut-HF
9	99-3441	1	Harness-Wire, Fusible Link
10	105-4209	2	Gasket-Muffler
11	115-7725	1	Muffler
13	98-7977	9	Screw-HHF
14	114-8414	3	Screw-HHF
15	3256-2	1	Washer-Flat
16	115-2179	1	Exhaust Tube ASM
17	7-0030	1	Screw-Shoulder, HH

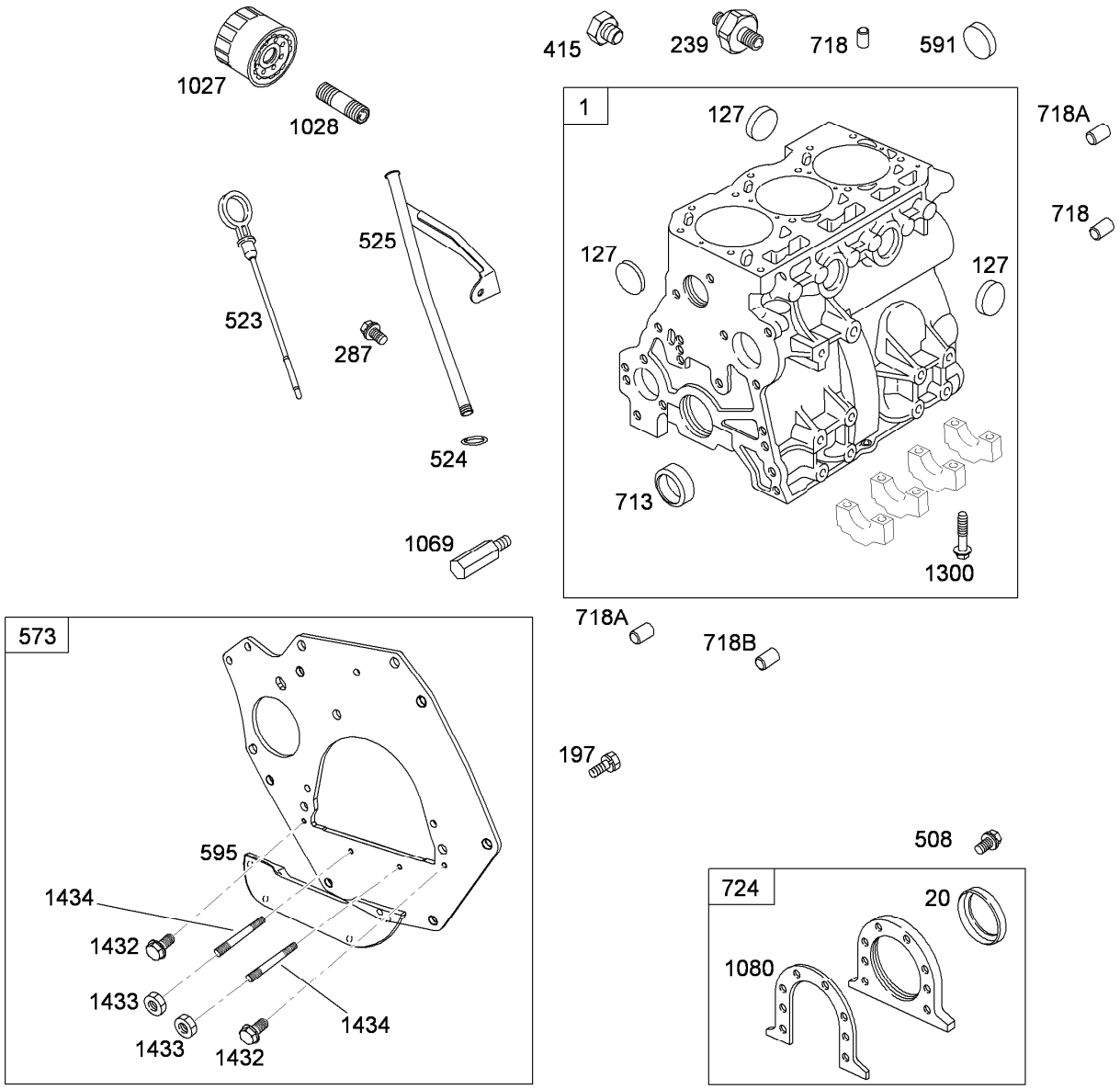
Ref.	Part Number	Qty.	Description
18	3234-5	2	Screw-HHF
19	33003-00	1	Nut-HF
20	115-7770	1	Bellcrank ASM
24	33014-00	1	Nut-Hex
27	104-8300	1	Nut-HF, NI
28	3234-21	1	Screw-HHF
29	32128-14	1	Nut-HF
30	302-5	1	Fitting-Grease
31	94-7621	1	Sender-Temperature
32	115-7769	2	Spring-Extension
33	108-6932	1	Rod-Link, Governor
34	3234-17	4	Screw-HHF
35	3230-1	2	Bolt-CARR
36	32149-8	2	Nut-Keps
37	3290-379	2	Tie-Cable



Fuel System Assembly

Ref.	Part Number	Qty.	Description
1	109-0279	1	Hose-Fuel
2	92-2379	2	Clamp-Hose
9	115-7700	1	Tank-Fuel
10	115-7788	1	Cap-Fuel
11	115-2399	1	Pump-Fuel
11:1	115-2163	1	Gasket-Pump, Fuel
11:2	115-2162	1	Cap-Pump, Fuel
11:3	115-7818	1	Fuel Filter ASM
11:4	120-4812	1	Float
11:5	127-8691	1	Sender-Fuel Level
12	115-2251	1	Canister-Carbon
13	115-7767-03	1	Tube-Support

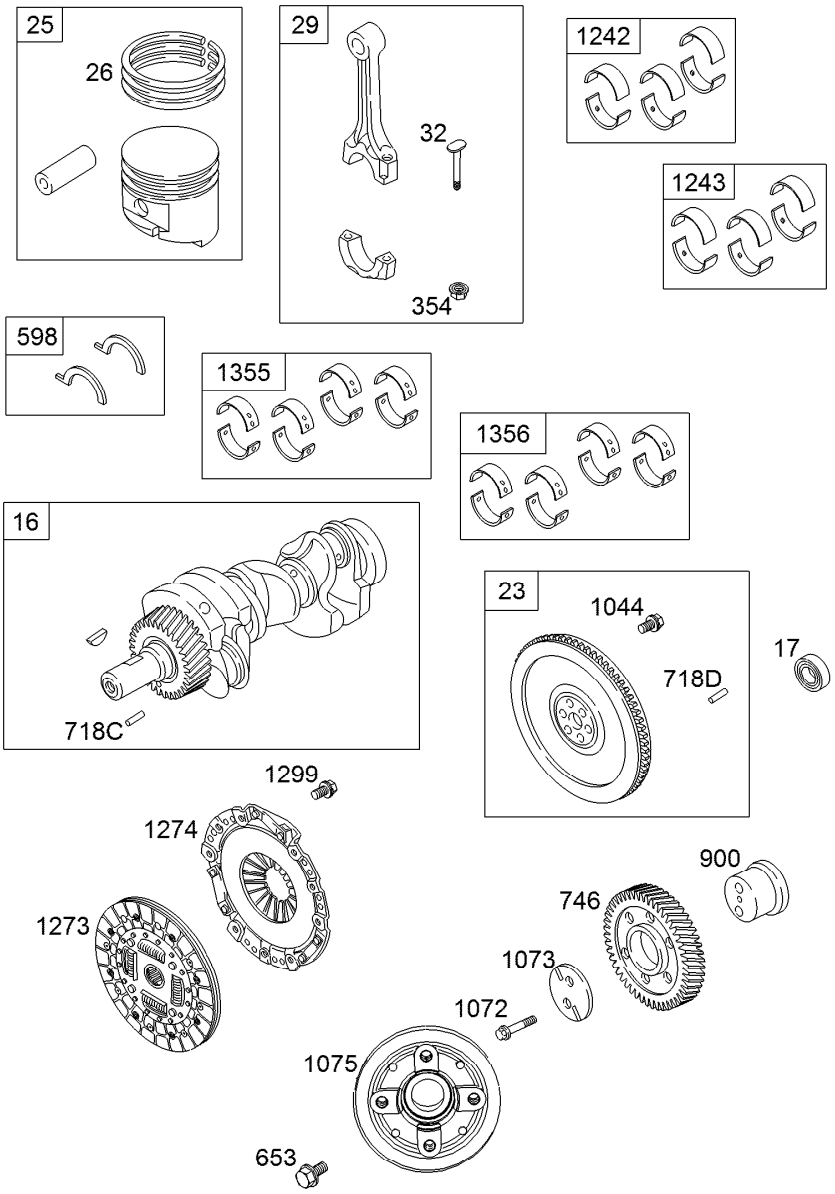
Ref.	Part Number	Qty.	Description
14	114-8404	1	Plate-Retainer
15	94-5780	2	Screw-HWH
16	114-0285	1	Valve-Rollover
17	114-0284	1	Grommet
18	32144-11	2	Screw-HWH
19	104-8300	2	Nut-HF, NI
20	110-3254	1	Hose-Fuel
21	115-7854	1	Filter-Fuel, Inline
22	106-5317	1	Hose-Fuel
23	115-7868	1	Valve-Check, Vacuum
24	115-7871	2	Hose-Fuel
25	2412-146	1	Clamp-Hose



Cylinder Assembly

Ref.	Part Number	Qty.	Description
1	107-9891	1	Cylinder ASM
20	117-4887	1	Seal-Oil
127	99-9008	1	Plug-Welch
197	99-9005	1	Screw-Hex
239	107-9908	1	Switch-Pressure, Oil
287	99-9256	1	Screw-Hex
415	99-9010	1	Plug-Welch
508	99-9004	1	Screw-Hex
523	99-9259	1	Dipstick
524	99-9265	1	Seal-O-Ring
525	99-9260	1	Tube-Dipstick
573	120-7566	1	Backing Plate ASM
591	107-9892	1	Plug-Welch (Cam)
595	115-2309	1	Plate-Shield, End

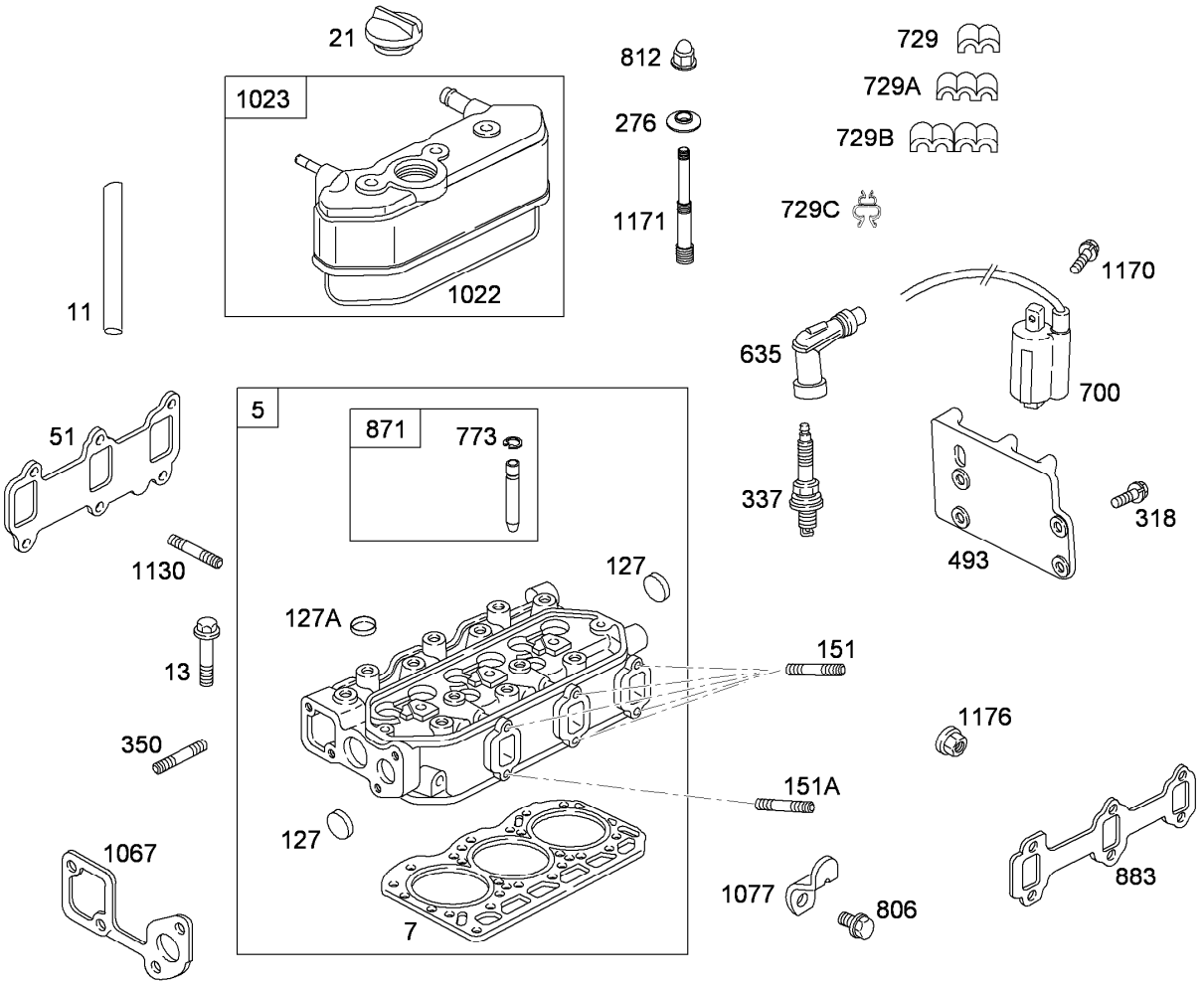
Ref.	Part Number	Qty.	Description
713	99-9002	1	Bushing
718	99-9012	1	Pin-Locating
718A	99-9013	1	Pin-Locating
718B	99-9014	1	Pin-Locating
724	99-9022	1	Retainer-Seal
1027	83-1760	1	Filter-Oil
1028	105-9337	1	Adapter-Filter, Oil
1069	99-9020	1	Nozzle-Oil
1080	99-9021	1	Gasket-Retainer
1300	99-9006	1	Screw-Hex
1432	115-2307	1	Screw
1433	99-9114	1	Nut-Hex, Metric
1434	115-2306	1	Stud



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	117-4889	1	Piston ASM (STD)
25	117-4890	1	Piston ASM (010)
26	99-9027	1	Ring Set (Standard)
26	99-9028	1	Ring Set (.010 Oversized)
29	119-2162	1	Rod-Connecting
32	99-9030	1	Screw (Connecting Rod)
354	99-9034	1	Nut-Hex (Connecting Rod)
598	99-9035	1	Shim-Endplay (Crankshaft) (Standard)
598	99-9036	1	Shim-Endplay (.010 Oversized)
653	107-9897	1	Screw-Hex (Crankshaft Pulley)
718C	99-9037	1	Pin-Locating

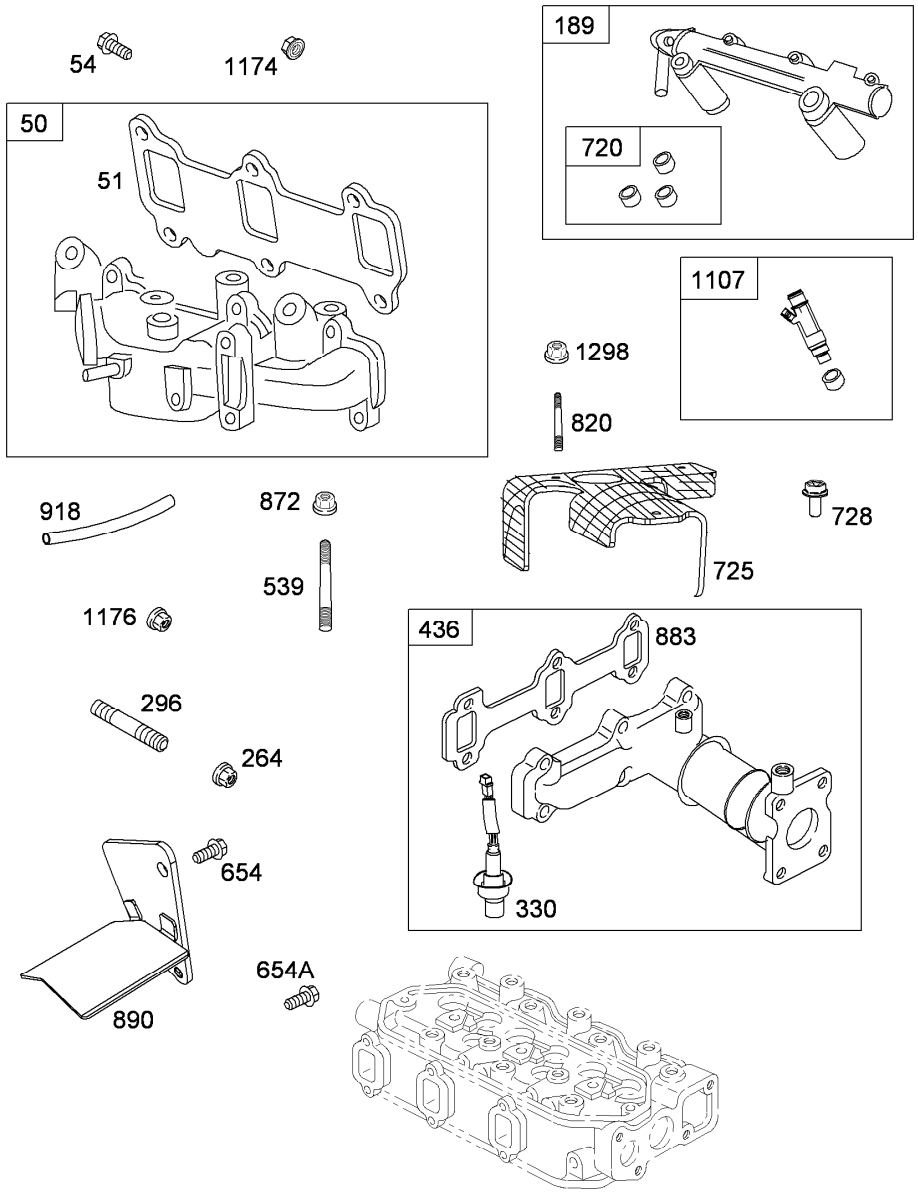
Ref.	Part Number	Qty.	Description
718D	106-1852	1	Pin-Locating
746	99-9609	1	Gear-Drive
900	99-9039	1	Shaft-Gear
1044	99-9031	1	Screw-Hex (Flywheel)
1072	99-9032	1	Screw-Hex (Idle Gear Plate)
1073	99-9040	1	Plate-Gear, Idler
1075	117-4892	1	Pulley-Crankshaft
1242	117-4893	1	Rod Bearing Set (STD)
1243	99-9044	1	Rod Bearing Set (.010 Undersized)
1273	104-9219	1	Disc-Clutch
1274	104-9231	1	Plate-Pressure, Clutch
1299	99-9054	1	Screw-Hex (Pressure Plate Clutch)
1355	117-4894	1	Main Bearing Set (STD)
1356	99-9046	1	Main Bearing Set (.010 Undersized)



Cylinder Head Assembly

Ref.	Part Number	Qty.	Description
5	117-4895	1	Head-Cylinder
7	99-9254	1	Gasket-Head, Cylinder
11	105-9322	1	Hose-Breather
13	99-9614	1	Screw-Metric (Cylinder Head)
21	99-9052	1	Cap-Fill, Oil
51	99-9173	1	Gasket-Intake
127	99-9008	1	Plug-Welch
127A	99-9060	1	Plug-Welch
151	99-9058	1	Stud-Metric (Exhaust Manifold)
151A	99-9059	1	Stud-Metric (Exhaust Manifold)
276	99-9063	1	Washer-Sealing (Rocker Cover)
318	99-9270	1	Screw-Hex (Mounting Bracket)
337	117-4897	1	Sparkplug
350	99-9057	1	Stud-Metric (Water Pump)
493	99-9065	1	Bracket-Mounting (Ignition Coil)
635	117-4899	1	Boot-Spark Plug
700	117-4900	1	Coil-Ignition

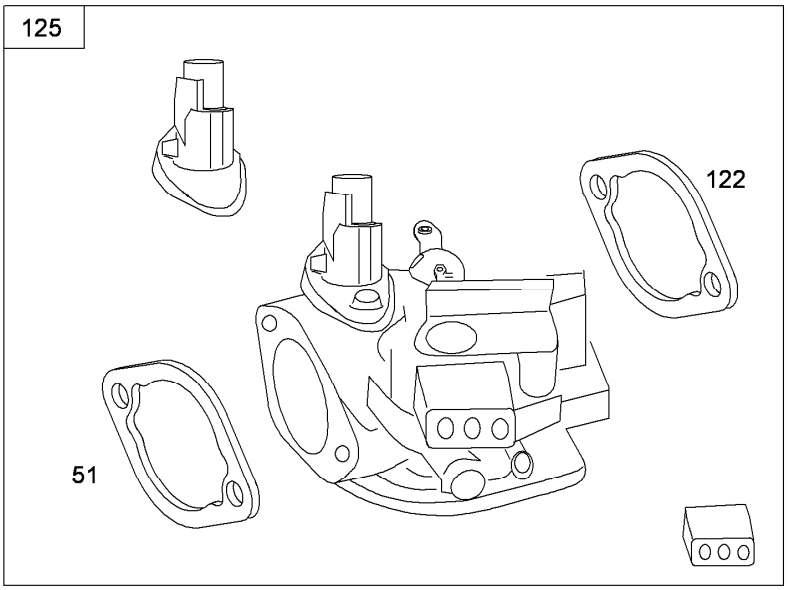
Ref.	Part Number	Qty.	Description
729	99-9066	1	Clip-Wire
729A	119-2163	1	Clip-Wire
729B	119-2164	1	Clip-Wire
729C	119-2165	1	Clamp
773	99-9067	1	Retainer (Valve Guide Bushing)
806	99-9270	1	Screw-Hex (Lifting Bracket)
812	99-9061	1	Nut-Hex, Metric (Rocker Cover)
871	99-9070	1	Bushing-Guide
883	106-1855	1	Gasket-Exhaust (Exhaust Manifold)
1022	99-9073	1	Gasket-Cover, Rocker
1023	117-4901	1	Cover-Rocker
1067	99-9168	1	Gasket-Pump, Water
1077	99-9076	1	Bracket-Lifting
1130	99-9055	1	Stud-Metric (Intake Manifold)
1170	99-9056	1	Screw-Hex (Ignition Coil)
1171	99-9101	1	Stud (Rocker Cover)
1176	99-9175	1	Nut-Hex, Metric (Exhaust Manifold)

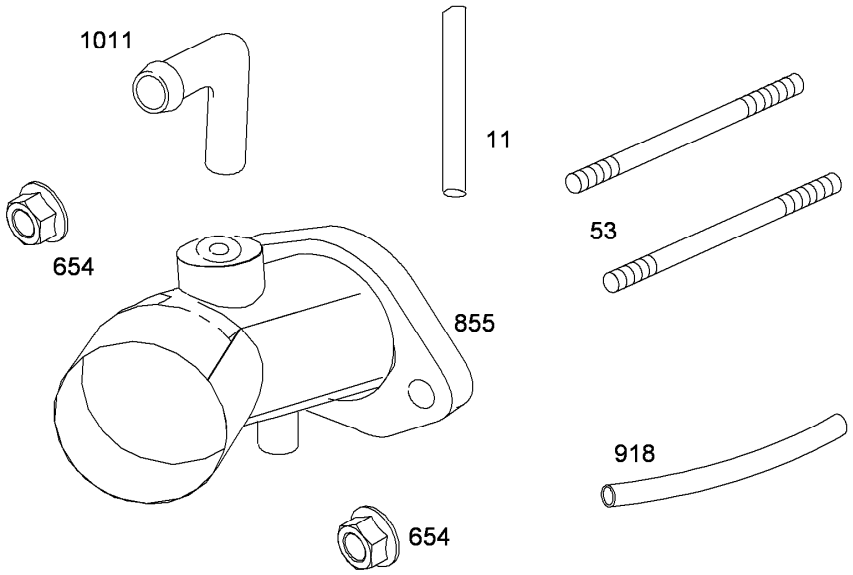


Manifold Assembly

Ref.	Part Number	Qty.	Description
50	117-4902	1	Manifold-Intake
51	99-9173	1	Gasket-Intake
54	99-9004	1	Screw-Hex (Intake Manifold)
189	117-4903	1	Rail-Injector, Fuel
264	99-9176	1	Nut-Hex (Muffler Adapter)
296	99-9677	1	Stud-Manifold, Exhaust (Exhaust Manifold)
330	117-4904	1	Sensor-Oxygen
436	117-4905	1	Manifold-Exhaust
539	117-4906	1	Stud (Fuel Injector Rail)
654	119-2167	1	Screw (Support Bracket)
654A	119-2166	1	Screw (Support Bracket)
720	117-4907	1	Seal-Injector, Fuel
725	117-4908	1	Shield-Heat
728	117-4909	1	Screw (Heat Shield)

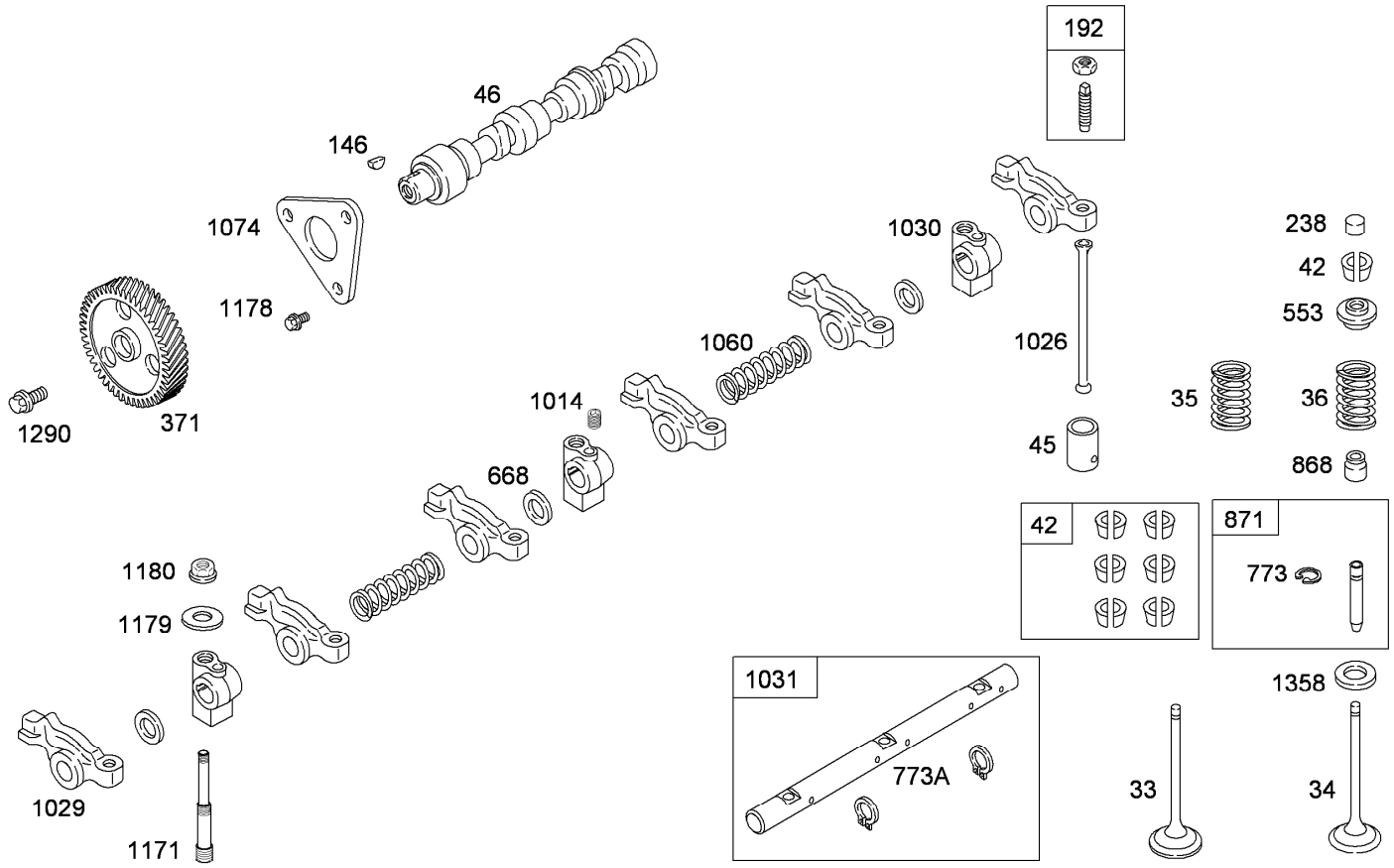
Ref.	Part Number	Qty.	Description
820	99-9112	1	Stud-Metric (Heat Shield)
872	117-4910	1	Nut (Fuel Injector Rail)
883	106-1855	1	Gasket-Exhaust (Exhaust Manifold)
890	117-4911	1	Bracket-Support
918	105-9330	1	Hose-Vacuum (Cut To Required Length)
1107	117-4913	1	Nozzle-Injector
1174	99-9114	1	Nut-Hex, Metric (Intake Manifold)
1176	99-9175	1	Nut-Hex, Metric (Exhaust Manifold)
1298	99-9113	1	Nut-Hex, Metric (Heat Shield)





Carburetor Assembly

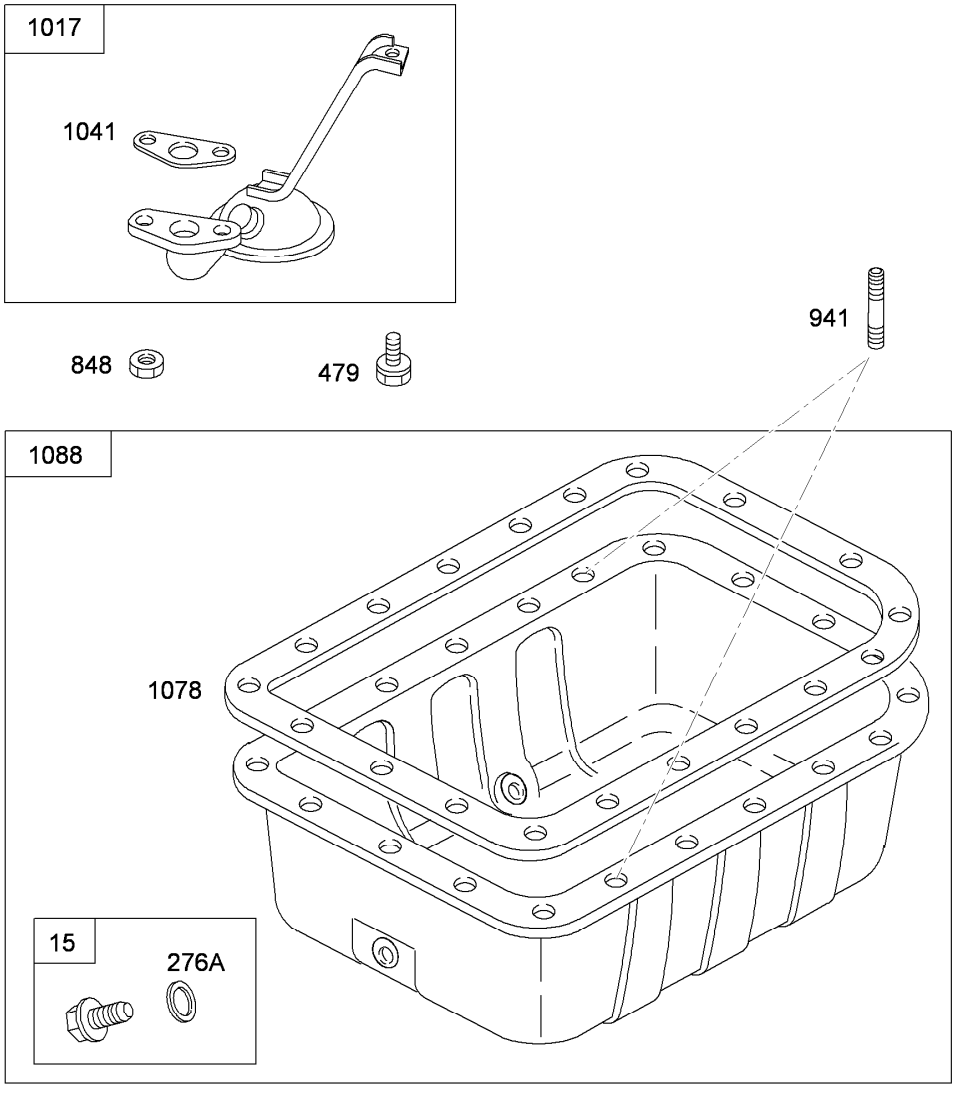
Ref.	*Part Number*	*Qty.*	*Description*
11	105-9322	1	Hose-Breather
51	105-9329	1	Gasket-Funnel, Air
53	106-1854	1	Stud (Carburetor)
122	99-9184	1	Spacer-Carburetor
125	117-4915	1	Body-Throttle
654	99-9186	1	Nut-Hex, Metric (Carburetor)
855	105-9328	1	Funnel-Air
918	117-4912	1	Hose-Vacuum
1011	99-9198	1	Tube-Vent



Camshaft Assembly

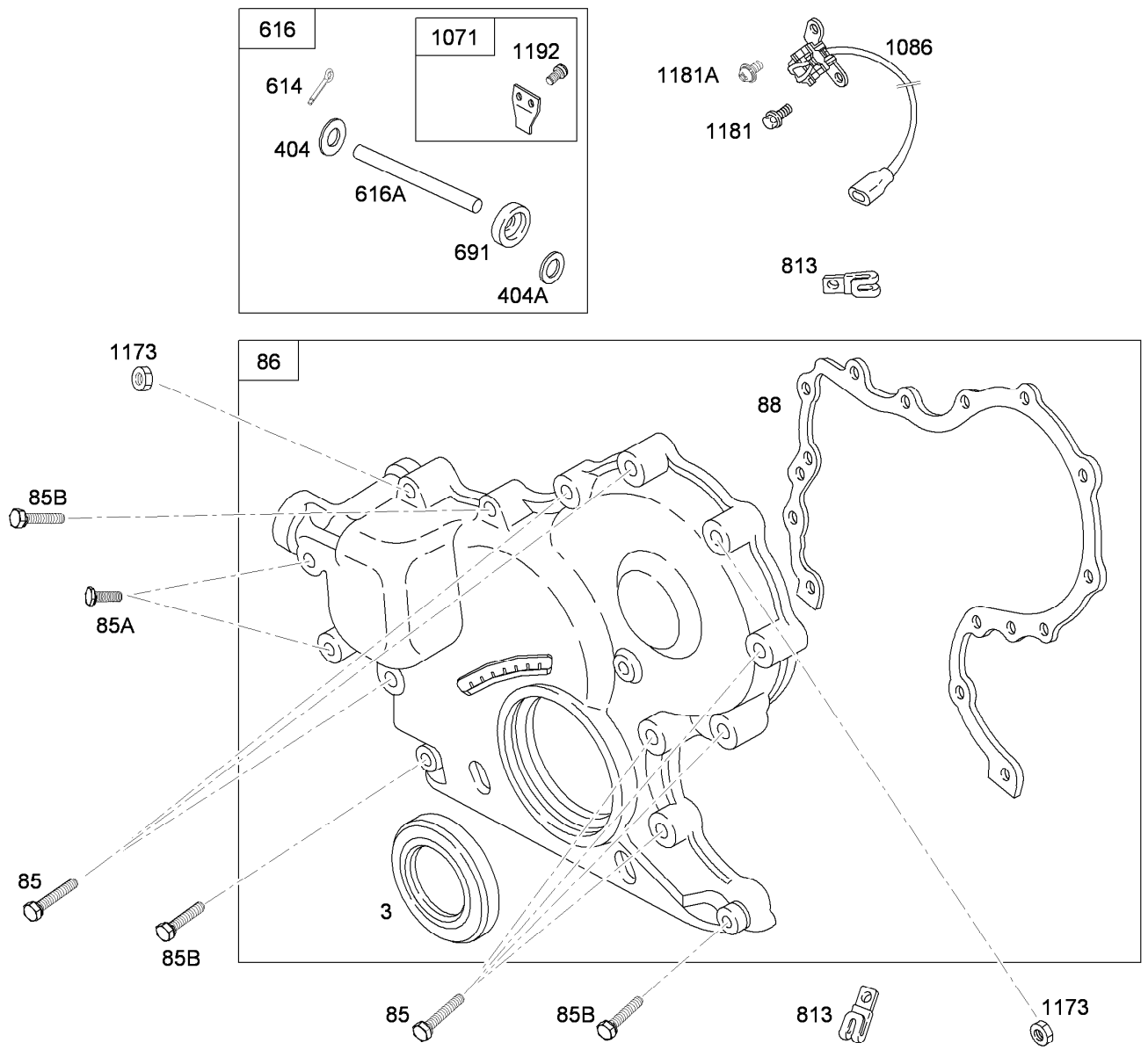
Ref.	Part Number	Qty.	Description
33	99-9080	1	Valve-Exhaust
34	99-9081	1	Valve-Intake
35	99-9640	1	Spring-Valve (Intake)
36	99-9640	1	Spring-Valve (Exhaust)
42	99-9086	1	Keeper-Valve (Set)
42	99-9087	1	*obs* Keeper-Valve (Set Of 6)
45	99-9088	1	Tappet-Valve
46	99-9097	1	Shaft-Cam
146	99-9095	1	Key-Woodruff
192	112-2978	1	Adjuster-Arm, Rocker
238	112-2979	1	Cap-Valve
371	99-9641	1	Gear-Cam
553	99-9084	1	Retainer-Valve
668	99-9093	1	Washer-Spacer (Rocker Arm Shaft)
773	99-9067	1	Retainer (Valve Guide Bushing)
773A	99-9099	1	Retainer (Rocker Arm Shaft)

Ref.	Part Number	Qty.	Description
868	99-9102	1	Seal-Valve
871	99-9070	1	Bushing-Guide
1014	99-9090	1	Screw-Metric (Rocker Arm Support)
1026	112-2980	1	Rod-Push
1029	99-9104	1	Arm-Rocker
1030	99-9107	1	Support-Arm, Rocker
1031	99-9106	1	Shaft-Arm, Rocker
1060	99-9108	1	Spring-Shaft, Rocker
1074	99-9109	1	Retainer-Camshaft
1171	99-9101	1	Stud (Rocker Cover)
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)
1290	99-9085	1	Screw-Metric (Cam Gear)
1358	99-9096	1	Seat-Spring, Valve



Oil Pan Assembly

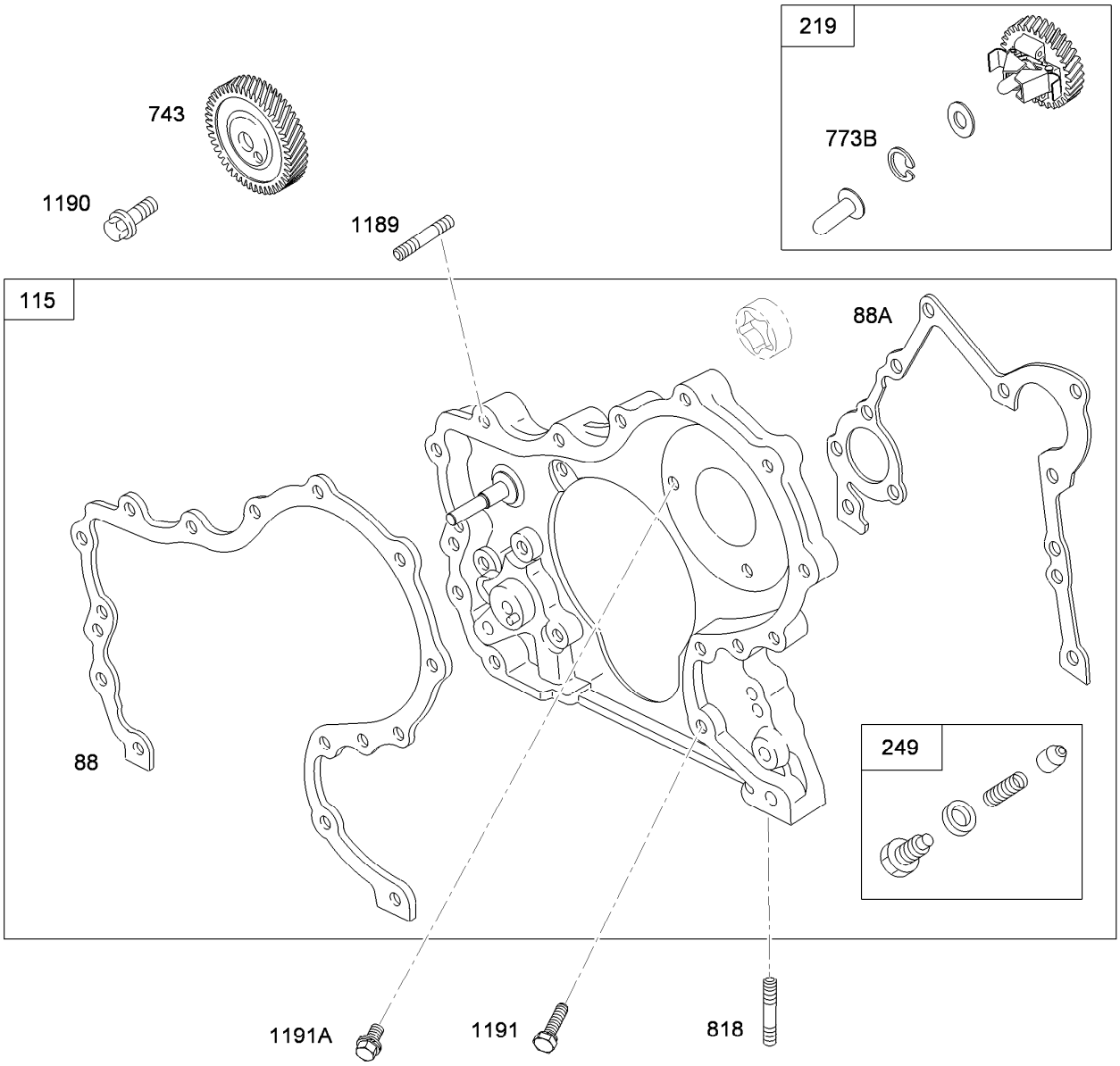
Ref.	*Part Number*	*Qty.*	*Description*
15	99-9644	1	Plug-Drain, Oil
276A	99-9645	1	Washer-Seal (Oil Drain Plug)
479	99-9646	1	Screw-6Mm Hex (Oil Pump Screen)
848	99-9114	1	Nut-Hex, Metric (Oil Pump Screen)
941	99-9112	1	Stud-Metric (Oil Pan)
952	99-9113	1	Nut-Hex, Metric (Oil Pan)
1017	99-9116	1	Screen-Pump, Oil
1039	117-4919	1	Screw (Oil Pan)
1041	99-9120	1	Gasket-Strainer, Oil
1078	99-9121	1	Gasket-Pan, Oil
1088	99-9649	1	Pan-Oil



Gear Cover Assembly

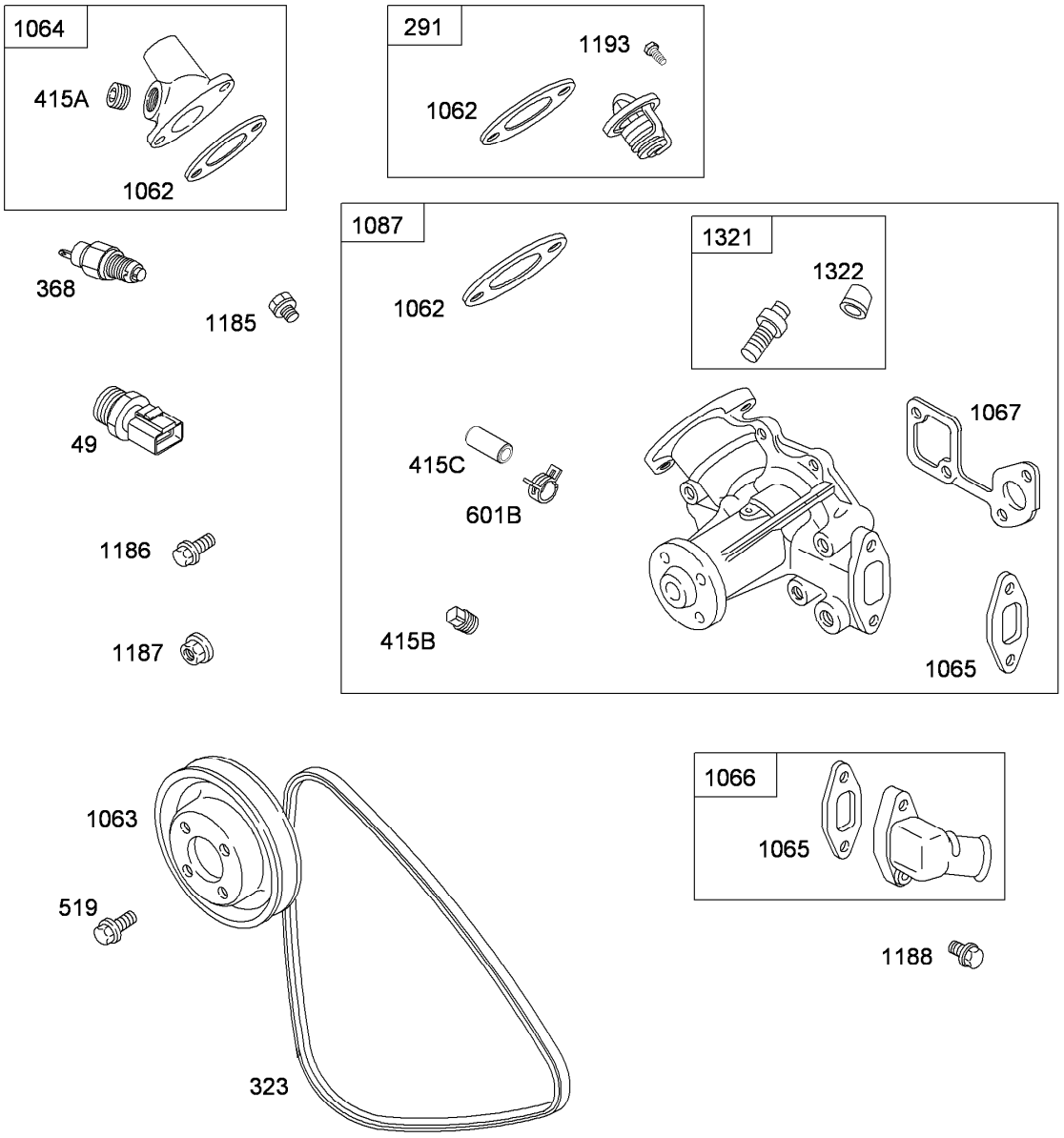
Ref.	Part Number	Qty.	Description
3	115-2291	1	Seal-Oil (Magneto Side)
85	99-9128	1	Screw-Hex (Gear Cover To Gear Reduction Case)
85A	99-9127	1	Screw-Hex (Gear Cover To Gear Reduction Case)
85B	99-9129	1	Screw-Hex (Gear Cover To Gear Reduction Case)
86	115-2304	1	Gear Cover ASM
88	99-9132	1	Gasket-Cover, Gear Reduction
404	99-9140	1	Washer-Spacer (Governor Crank)
404A	99-9141	1	Washer-Spacer (Governor Crank)

Ref.	Part Number	Qty.	Description
614	99-9053	1	Pin-Cotter
616	99-9147	1	Crank-Governor
616A	99-9146	1	Crank-Governor (Shaft)
691	99-9131	1	Seal-Shaft, Governor
813	99-9208	1	Clamp
1071	99-9149	1	Paddle-Governor
1086	117-4920	1	Trigger-Ignition
1173	99-9114	1	Nut-Hex, Metric (Gear Cover)
1181	99-9128	1	Screw-Hex (Ignition Trigger)
1181A	99-9210	1	Screw-Phillips (Ignition Trigger)
1192	99-9143	1	Screw-Hex, Torx (Governor Paddle)



Gear Housing Assembly

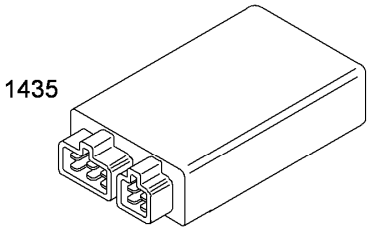
Ref.	*Part Number*	*Qty.*	*Description*
88	99-9132	1	Gasket-Cover, Gear Reduction
88A	99-9136	1	Gasket-Cover, Gear Reduction
115	99-9138	1	Housing-Gear
219	99-9261	1	Gear-Governor
249	99-9142	1	Valve-Relief, Oil
743	99-9656	1	Gear-Drive
773B	99-9145	1	Retainer
818	99-9007	1	Stud-Metric
1189	99-9137	1	Stud-Metric
1190	99-9616	1	Screw-Hex
1191	99-9133	1	Screw-Hex
1191A	99-9134	1	Screw-Hex

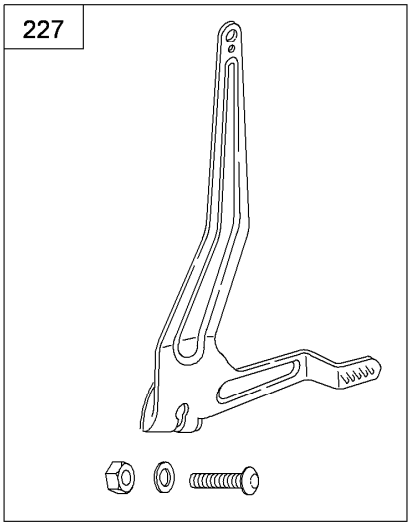


Water Pump Assembly

Ref.	Part Number	Qty.	Description
49	117-4921	1	Sensor-Temperature, Water
291	99-9155	1	Thermostat
323	117-4922	1	Belt-Vee
368	117-4923	1	Switch-Temperature, Water (Radiator Control)
415A	99-9158	1	Plug (Outlet Housing)
415B	99-9159	1	Plug (Water Pump)
415C	106-1888	1	Tube-Vent (Water Pump)
519	117-4919	1	Screw (Radiator Fan)
601B	106-1885	1	Clamp-Hose (Plug)
1062	99-9163	1	Gasket-Housing, Outlet
1063	99-9164	1	Pulley-Pump
1064	99-9165	1	Housing-Outlet

Ref.	Part Number	Qty.	Description
1065	99-9166	1	Gasket-Housing, Inlet
1066	99-9167	1	Housing-Inlet
1067	99-9168	1	Gasket-Pump, Water
1087	119-0656	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)J
1321	117-4925	1	Plug-Bleeder
1322	117-4926	1	Cap-Bleeder

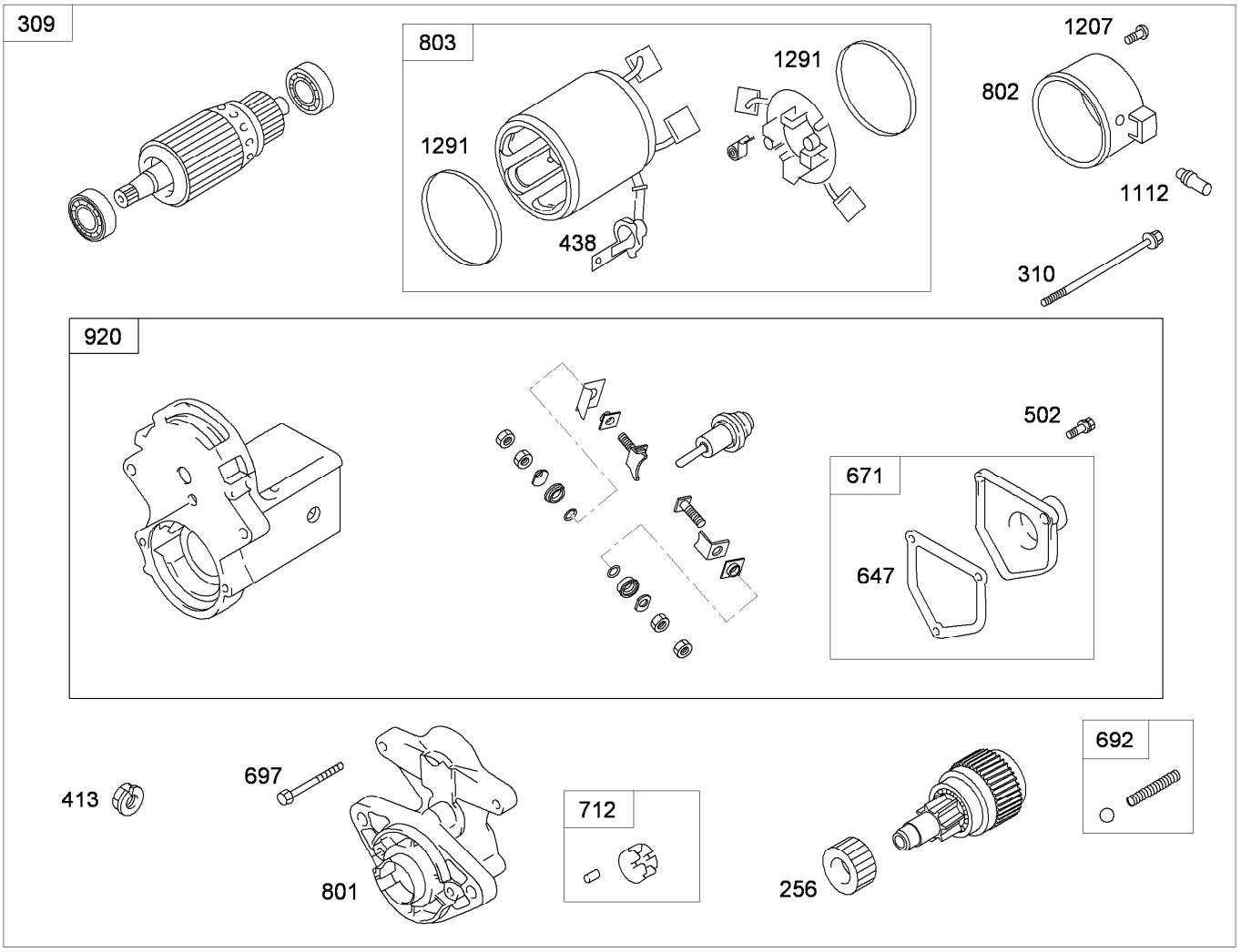




Controls Assembly

Ref.	*Part Number*	*Qty.*	*Description*
202	99-9187	1	Link-Governor, Mechanical
227	99-9191	1	Lever-Governor
232	99-9192	1	Spring-Link, Governor
1435	114-8371	1	Module-Injection, Fuel

1.2 kw Purple / Brown Label

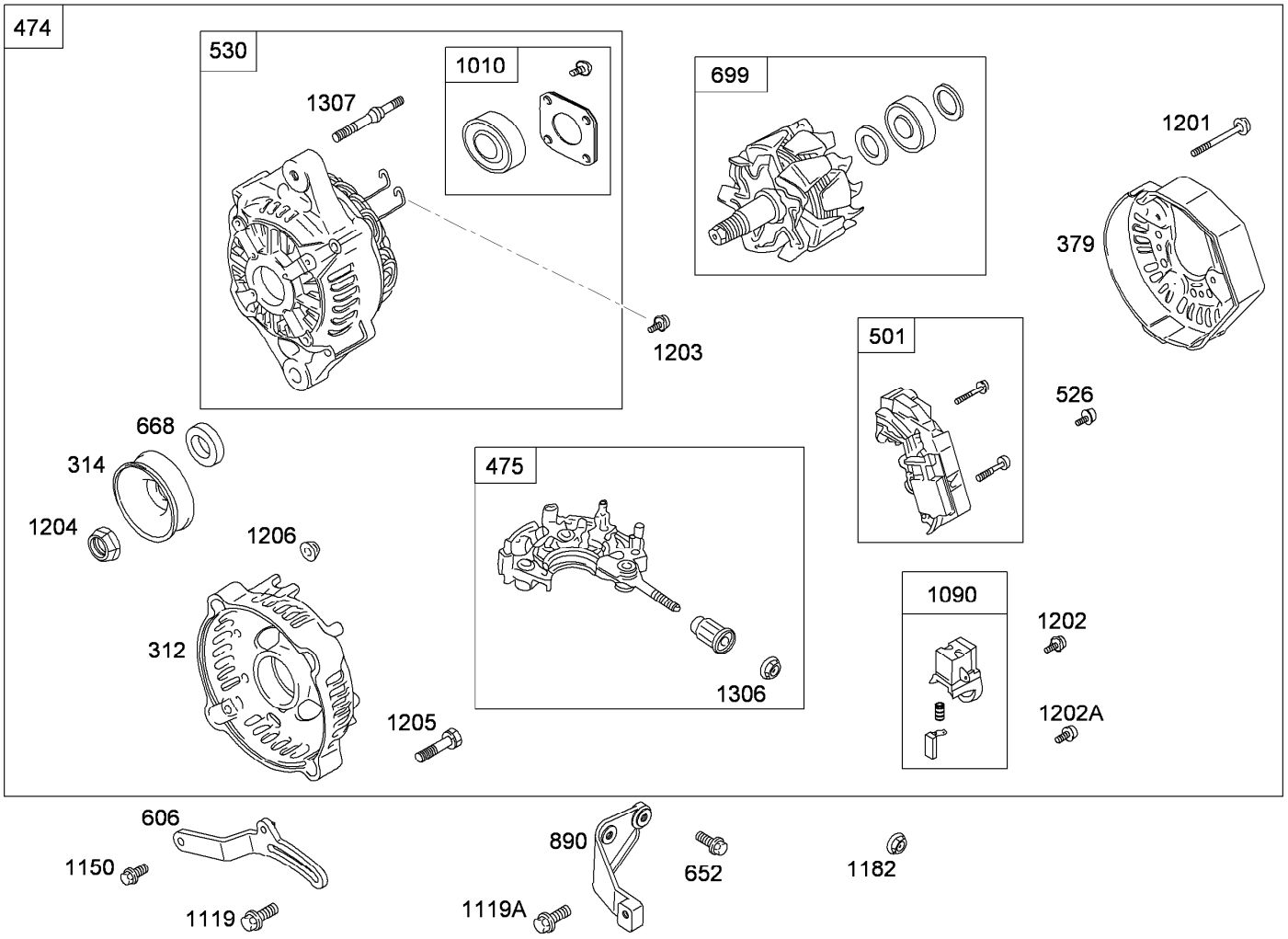


Starter Motor Assembly

Ref.	Part Number	Qty.	Description
256	112-2987	1	Gear-Drive, Starter
309	110-2598	1	Motor-Starter
310	112-2988	1	Screw (Starter Motor)
413	99-9206	1	Nut-Hex, Metric (Starter Motor)
438	112-2989	1	Boot-Terminal
502	112-2990	1	Screw (Solenoid Cover)
647	112-2993	1	Gasket-Cover, Solenoid
671	112-2994	1	Cover-Solenoid
692	112-2996	1	Detent-Spring
697	112-2997	1	Screw (Drive Cap)

Ref.	Part Number	Qty.	Description
712	112-2998	1	Roller-Clutch
801	112-2999	1	Cap-Drive
802	112-3000	1	Cap-End
803	112-3001	1	Housing-Starter
920	112-3002	1	Solenoid-Starter
1009	99-9201	1	Screw-Hex (Starter Motor)
1112	112-3003	1	Plug-Vent (End Cap)
1207	112-3004	1	Screw (End Cap)
1291	112-3005	1	Seal-O Ring (Starter Housing)

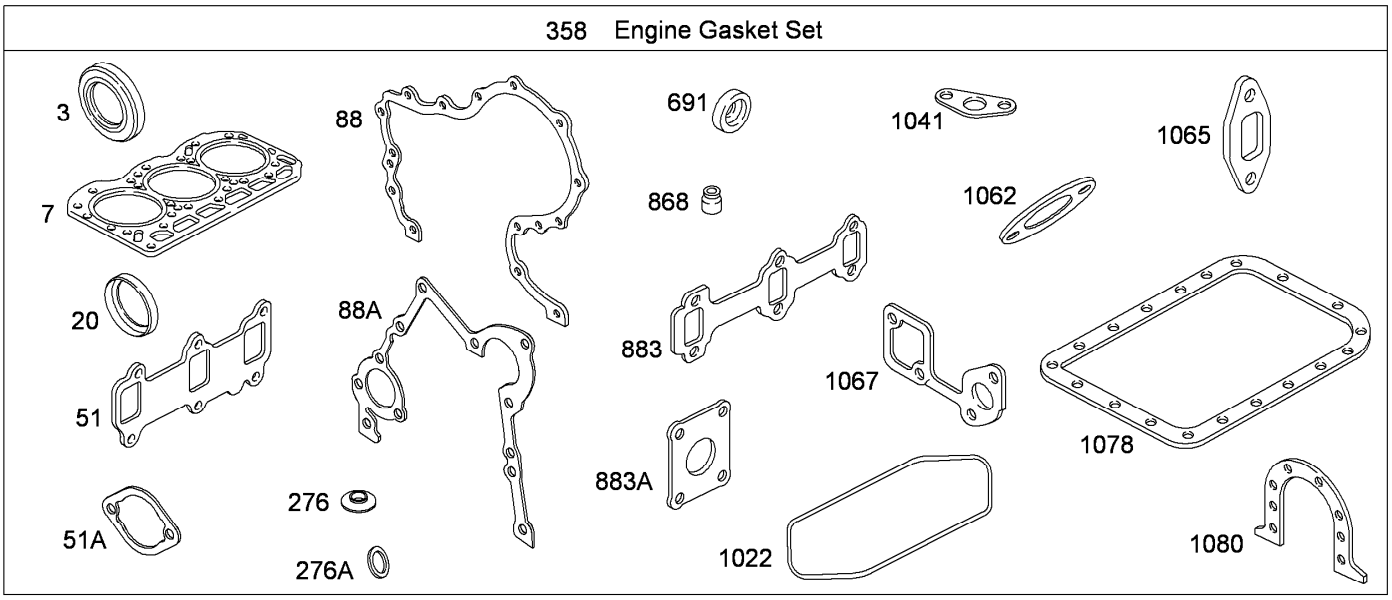
60 Amp

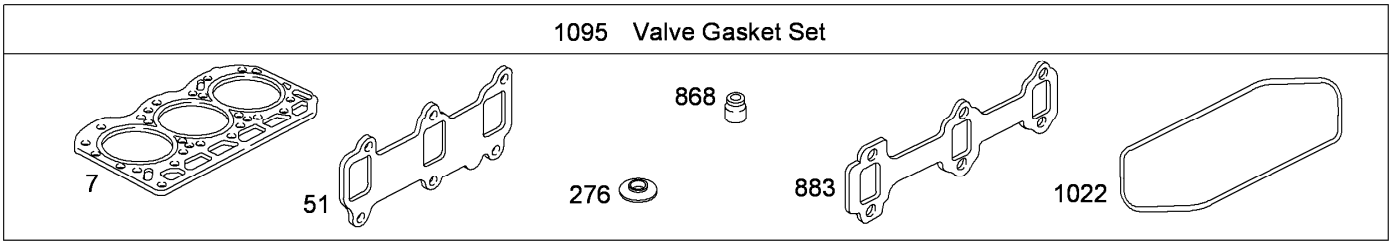


Alternator Assembly

Ref.	Part Number	Qty.	Description
312	117-4927	1	Housing-End, Brush
314	117-4928	1	Pulley-Alternator
379	117-4929	1	Cover-Brush
474	115-9473	1	Alternator-60Amp
475	117-4930	1	Rectifier
501	117-4931	1	Regulator
526	106-1894	1	Screw (Rectifier)
530	117-4932	1	Housing-End, Drive
606	99-9212	1	Bracket-Adjusting
652	99-9203	1	Screw-Hex (Support Bracket)
668	106-1896	1	Spacer (Rotor Asm)
699	117-4933	1	Rotor ASM
890	99-9211	1	Bracket-Support
1010	106-1898	1	Retainer-Bearing
1090	106-1899	1	Retainer-Brush

Ref.	Part Number	Qty.	Description
1119	99-9105	1	Screw-Hex (Alternator)
1119A	99-9205	1	Screw-Hex, Metric (Alternator)
1150	99-9202	1	Screw-Hex (Adjusting Bracket)
1182	99-9114	1	Nut-Hex, Metric (Alternator)
1201	106-1950	1	Screw (Brush Cover)
1202	106-1951	1	Screw (Brush Retainer)
1202A	106-1894	1	Screw (Brush Retainer)
1203	106-1894	1	Screw (Stator Wire)
1204	106-1954	1	Nut (Alternator Pulley)
1205	106-1955	1	Screw (Brush End Housing)
1206	106-1956	1	Nut (Brush End Housing)
1306	117-4934	1	Nut (Rectifier)
1307	117-4935	1	Stud (Drive End Housing)

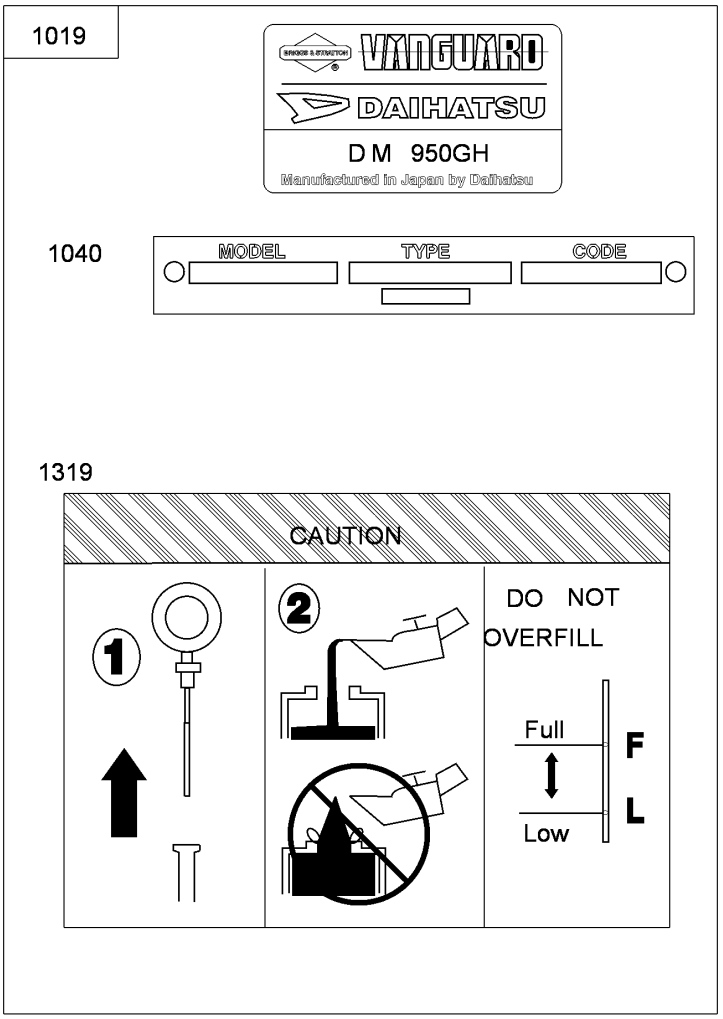




Engine Gasket Set

Ref.	Part Number	Qty.	Description
3	115-2291	1	Seal-Oil (Magneto Side)
7	99-9254	1	Gasket-Head, Cylinder
20	117-4887	1	Seal-Oil (PTO Side)
51	99-9173	1	Gasket-Intake
51A	105-9329	1	Gasket-Funnel, Air
88	99-9132	1	Gasket-Cover, Gear Reduction
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	99-9263	1	Engine Gasket Set

Ref.	Part Number	Qty.	Description
691	99-9131	1	Seal-Shaft, Governor
868	99-9102	1	Seal-Valve
883	106-1855	1	Gasket-Exhaust (Exhaust Manifold)
883A	99-9179	1	Gasket-Exhaust (Muffler)
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	99-9264	1	Valve Overhaul Kit



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Engine Label Set

Ref.	*Part Number*	*Qty.*	*Description*
1019	117-4936	1	Label Kit
1040	117-4937	1	Plate-Trim
1058	115-7843	1	Manual-Engine, EFI
1319	117-4938	1	Label-Warning

Attachments and Accessories

For 07366 Workman HDX Utility Vehicle

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
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
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
Receiver Hitch Kit	117-4831
Trailer Signal Kit	117-4836
Trailer Brake Kit	117-4837
24x13-12 Tire and Wheel ASM	117-4838
Engine Cover Kit	117-4867
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

Attachments and Accessories (continued)

Pro Foam Concentrate (4 x 1 Gallon) 41157
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.