Form No. 3468-945 Rev A

TORO®

Count on it.

Parts Catalog

Z Master® Professional 7500-D Series Riding Mower

With 72in TURBO FORCE® Side Discharge Mower

Model No. 72030—Serial No. 416305236 and Up

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

3468-945 A

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

Rear Frame Assembly . . . 6
Frame and Roll-Over Protection System Assembly . . . 8
Roll-Over Protection System Assembly No. 142-9749 . . . 10
Caster Wheel Assembly . . . 12
Transmission Assembly . . . 14
Charge Pump Housing Assembly Transmission Assembly No. 131-5510 . . . 16
Transmission Assembly (cont.) Center Section Assembly . . . 18
Transmission Assembly (cont.) Gear Case and Clutch Assembly . . . 20
Hydraulic Gear Pump Assembly No. 112-9542 . . . 22
Rear Wheel Assembly . . . 24
Parking Brake Assembly . . . 26
Fuel System Assembly . . . 28
RH Fuel Tank Assembly No. 142-8638 . . . 30
LH Fuel Tank Assembly No. 146-1835 . . . 32
Seat Mounting Assembly . . . 34
Seat Assembly No. 147-4984 . . . 36
Motion Control Assembly . . . 38
Front Linkage Rod Assembly No. 142-8447 . . . 40
Hood and Covers Assembly . . . 42
Hood Assembly No. 135-7930 . . . 44
Electrical Assembly . . . 46
Wire Harness Assembly No. 142-7960 . . . 48
Deck Lift Assembly . . . 50
Engine Assembly . . . 52
HDAC Assembly No. 142-3554 . . . 54
Hydraulic Assembly . . . 56
Hydraulic Reservoir Assembly No. 142-5034 . . . 58
RH Hydraulic Motor Assembly No. 126-8133 . . . 60
5 Stud Wheel Hub Kit Assembly No. 135-5333 . . . 62
LH Hydraulic Motor Assembly No. 126-8134 . . . 64
Deck Lift Valve Assembly No. 131-1934 . . . 66
Cooling Assembly . . . 68
Cooling Assembly No. 121-3330 . . . 70
Weight Assembly . . . 72
Deck and Driveshaft Assembly . . . 74
Deck Assembly . . . 76
Deck Decal Assembly No. 140-0960 . . . 78
Rubber Deflector Assembly No. 108-2792 . . . 80
Spindle Assembly No. 137-9780 . . . 82
Gearbox Assembly . . . 84
Gearbox Assembly No. 142-8061 . . . 86
Idler Arm Assembly No. 126-2585 . . . 88
Driveshaft Assembly No. 110-3575 . . . 90
Cylinder Block Assembly . . . 92
Gear Housing Assembly . . . 94
Flywheel Housing and Oil Sump Assembly . . . 96
Cylinder Head and Cover Assembly . . . 98
Suction Manifold Assembly . . . 100
Exhaust Manifold Assembly . . . 102
Camshaft and Driving Gear Assembly . . . 104
Turbine Assembly . . . 106
Crankshaft and Piston Assembly . . . 108
Oil Pump Assembly . . . 110
Oil Pump Assembly (cont.) . . . 112

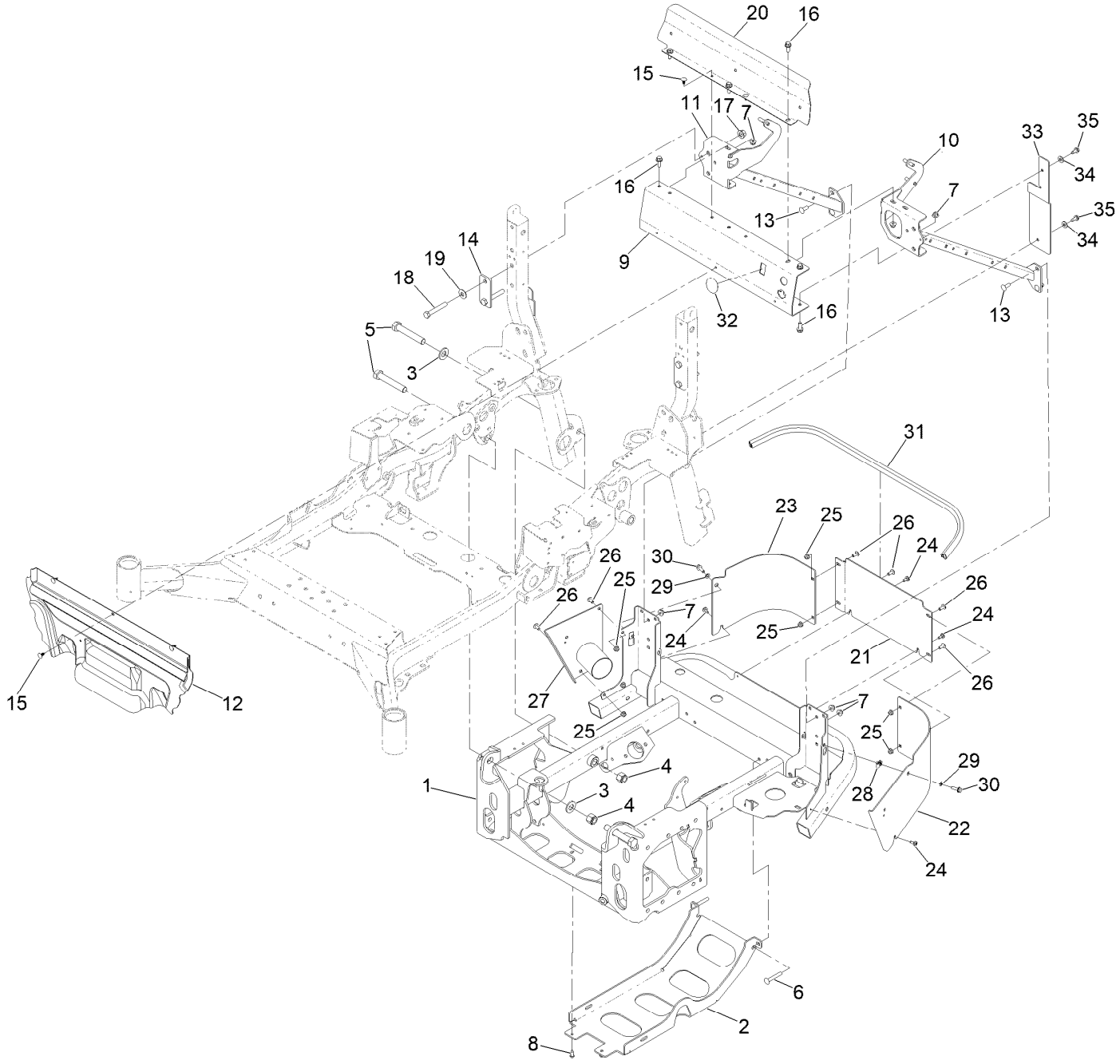
© 2024—The Toro® Company
8111 Lyndale Avenue South
Bloomington, MN 55420

Contact us at www.Toro.com.
Printed in the USA.
All Rights Reserved

Contents (continued)

Cooling Water System Assembly 114
Fuel Injection Pump Assembly 116
Governor Assembly 118
Fuel Injection Valve Assembly 120
Fuel Pipe Assembly 122
Starting Motor Assembly 124
Generator Assembly 126
Electronic Control Unit Assembly 128
Fuel System Assembly 130
Gasket Set 132
Attachments and Accessories 134

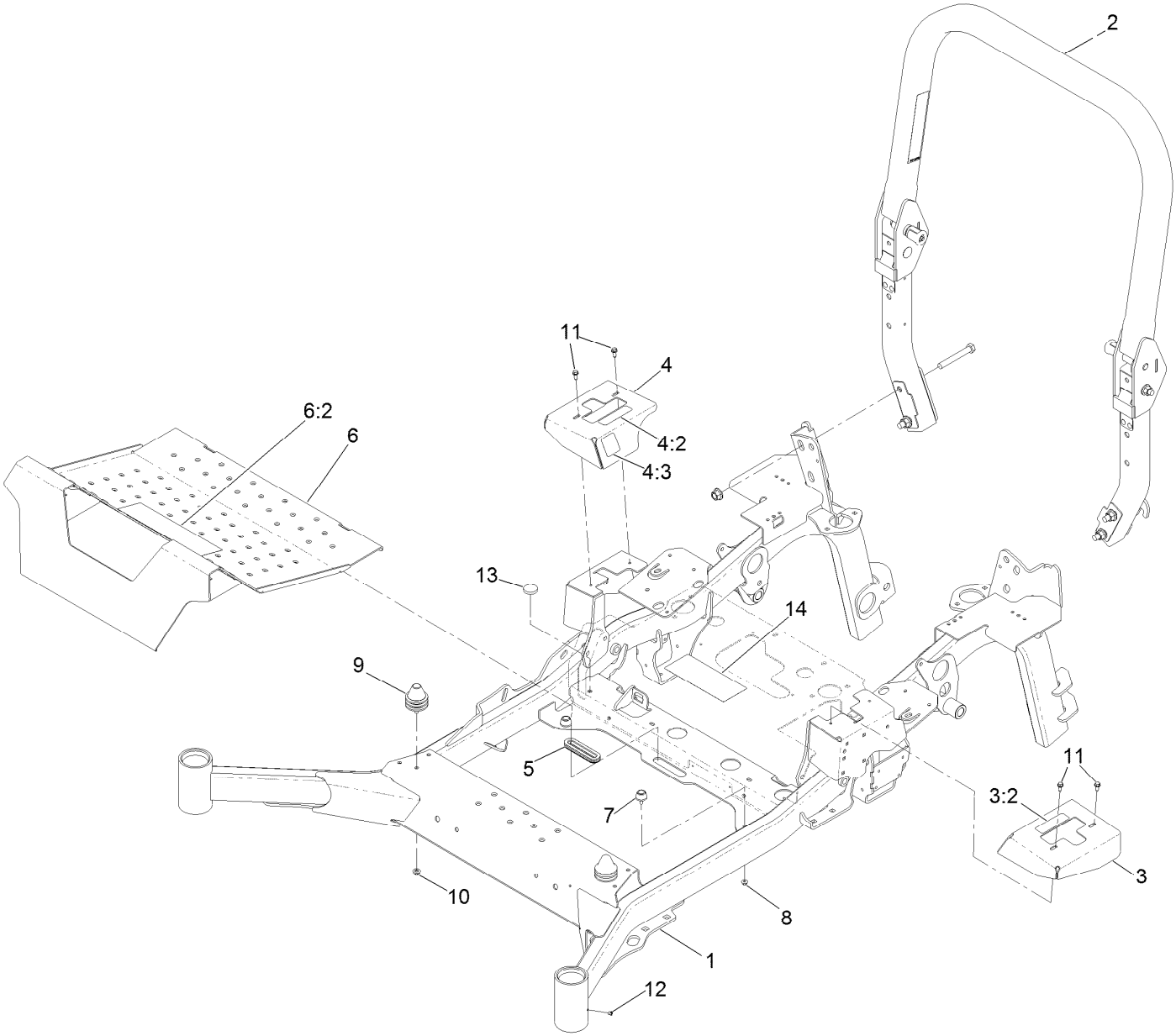
Rear Frame Assembly



Rear Frame Assembly (continued)

Ref.	Part Number	Qty.	Description
1	126-5929-03	1	Frame-Power
2	126-5922-03	1	Plate-Skid
3	103-2802	4	Washer
4	3296-51	4	Nut-Lock, NI
5	328-8	4	Screw-HH
6	3231-44	2	Screw-CARR
7	104-8301	13	Nut-HF, NI
8	138-9753	2	Screw
9	126-8567-03	1	Channel-Cross
10	142-9442-03	1	Wldmt-ROPS LH Brace
11	142-9443-03	1	Wldmt-ROPS RH Brace
12	126-7458	1	Panel-Deflector, Heat
13	3231-22	4	Screw-CARR
14	135-0412-03	2	Plate-Spacer
15	117-2382	6	Plug-Plastic
16	131-2220	7	Screw-HHF
17	99-5107	4	Nut-Lock
18	112-7264	4	Screw-HH
19	109-9505	4	Washer-Spring
20	126-6557-03	1	Shield-Air
21	126-8954-03	1	Plate-Bumper, Center
22	126-8952-03	1	Plate-Bumper, LH
23	126-8953-03	1	Plate-Bumper, RH
24	120-7950	4	Screw-Torx
25	104-8300	7	Nut-HF, NI
26	126-6268	7	Screw-TTH
27	135-0880	1	Plate-Exhaust
28	112-3306	2	Nut
29	3290-475	2	Washer-Belleville
30	3234-29	2	Screw-HHF
31	126-6845	1	Seal-Bulb
32	135-3728	1	Decal-Cover
33	142-3197	2	Sheet-ROPS Airdam
34	3256-3	4	Washer-Flat
35	32144-70	4	Screw-HWHTF

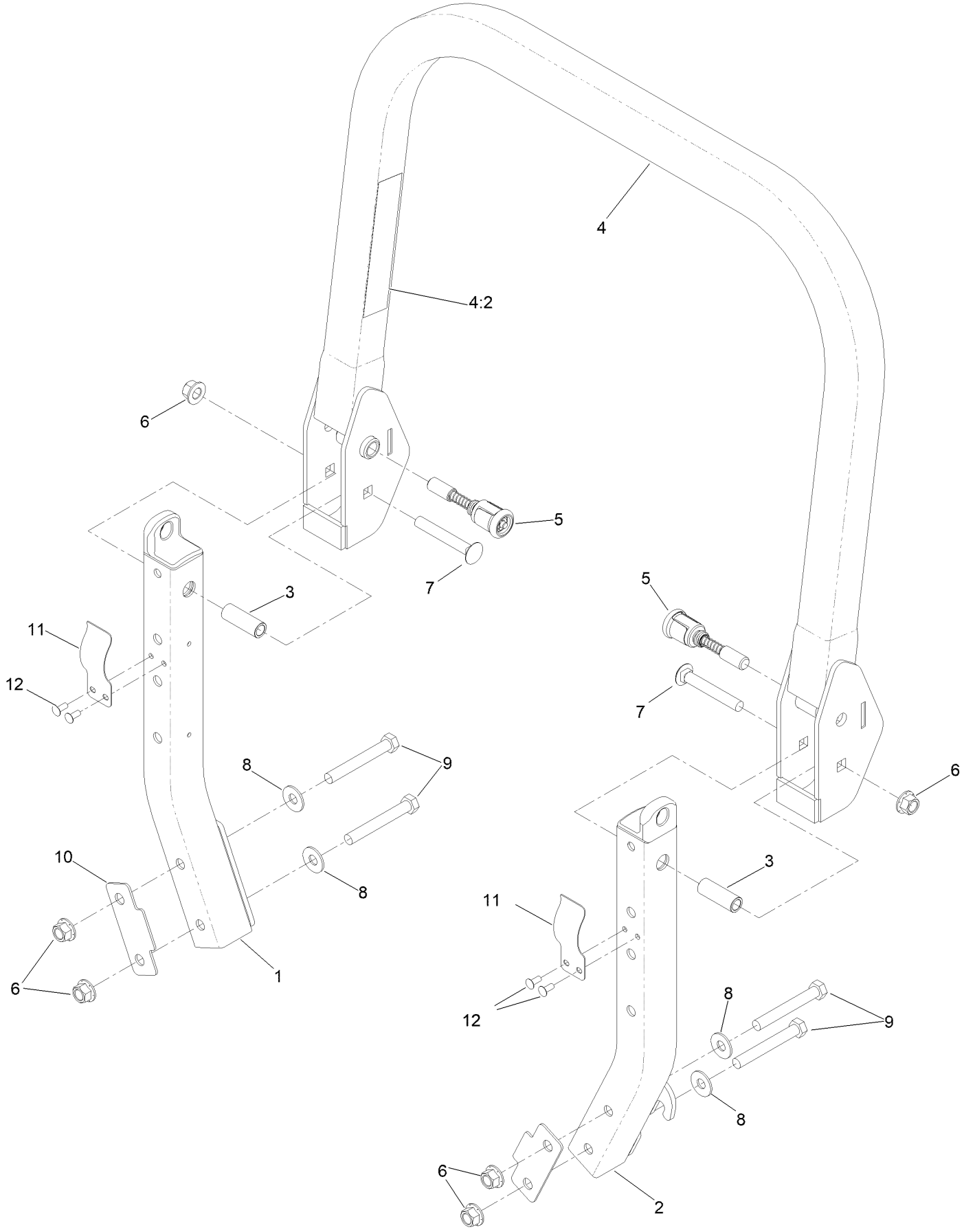
Frame and Roll-Over Protection System Assembly



Frame and Roll-Over Protection System Assembly (continued)

Ref.	Part Number	Qty.	Description
1	146-1064	1	Mainframe ASM, 72
2	142-9749	1	ASM, ROPS-7500D Diesel
3	146-3345	1	Cover-Motion Control, LH
3:2	99-8936	1	Decal-Control, Motion
4	146-3346	1	Cover-Motion Control, RH
4:2	99-8936	1	Decal-Control, Motion
4:3	116-5988	1	Decal-Park Brake, CE
5	126-7065	1	Grommet-Rubber
6	126-9066	1	Pan-Floor
6:2	126-8383	1	Decal-Danger
7	109-2365	2	Bumper-Rubber
8	104-7201	2	Nut-HF, NI
9	126-5491	2	Isolator
10	104-8300	2	Nut-HF, NI
11	32144-10	4	Screw-HWH
12	1-811010	2	Plug
13	109-9233	1	Bumper-Push-In, Rubber
14	126-9279	1	Decal-Service Aid

Roll-Over Protection System Assembly
No. 142-9749

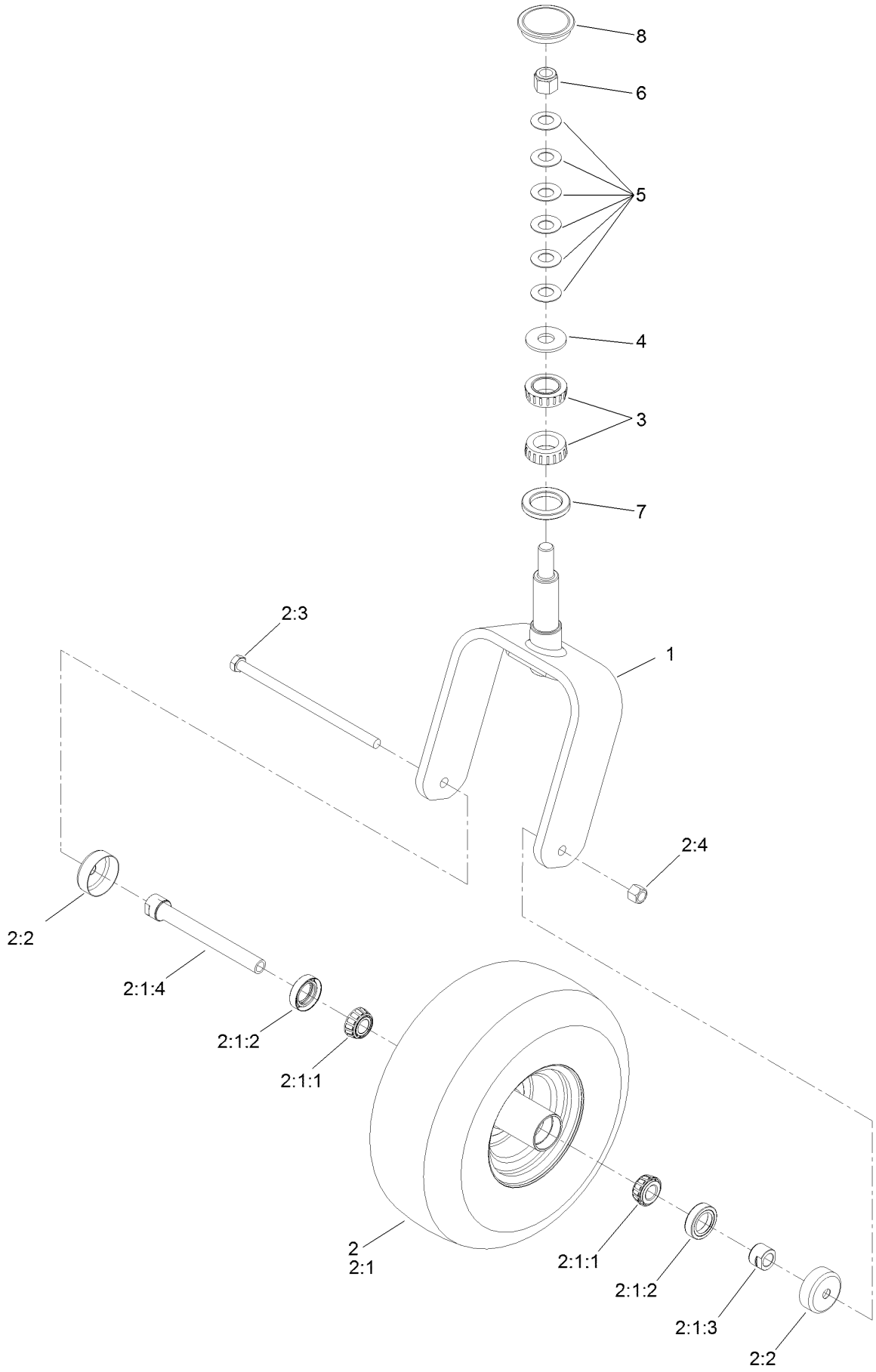


Roll-Over Protection System Assembly No. 142-9749 (continued)

Ref.	Part Number	Qty.	Description
1		1	Lower-ROPS, RH ●
2		1	Lower-ROPS, LH ●
3	109-6653	2	Spacer
4	142-2385	1	ASM,ROPS Upper W/Decal
4:2	107-3069	1	Decal-Warning
5	116-0104	2	Pin-Spring
6	99-5107	6	Nut-Lock
7	3233-10	2	Screw-CARR
8	109-9505	4	Washer-Spring
9	325-35	4	Screw-HH
10	116-0960	2	Spacer
11	110-5696	2	Spring-Leaf
12	3290-412	4	Rivet-Blind

● Not serviced separately

Caster Wheel Assembly

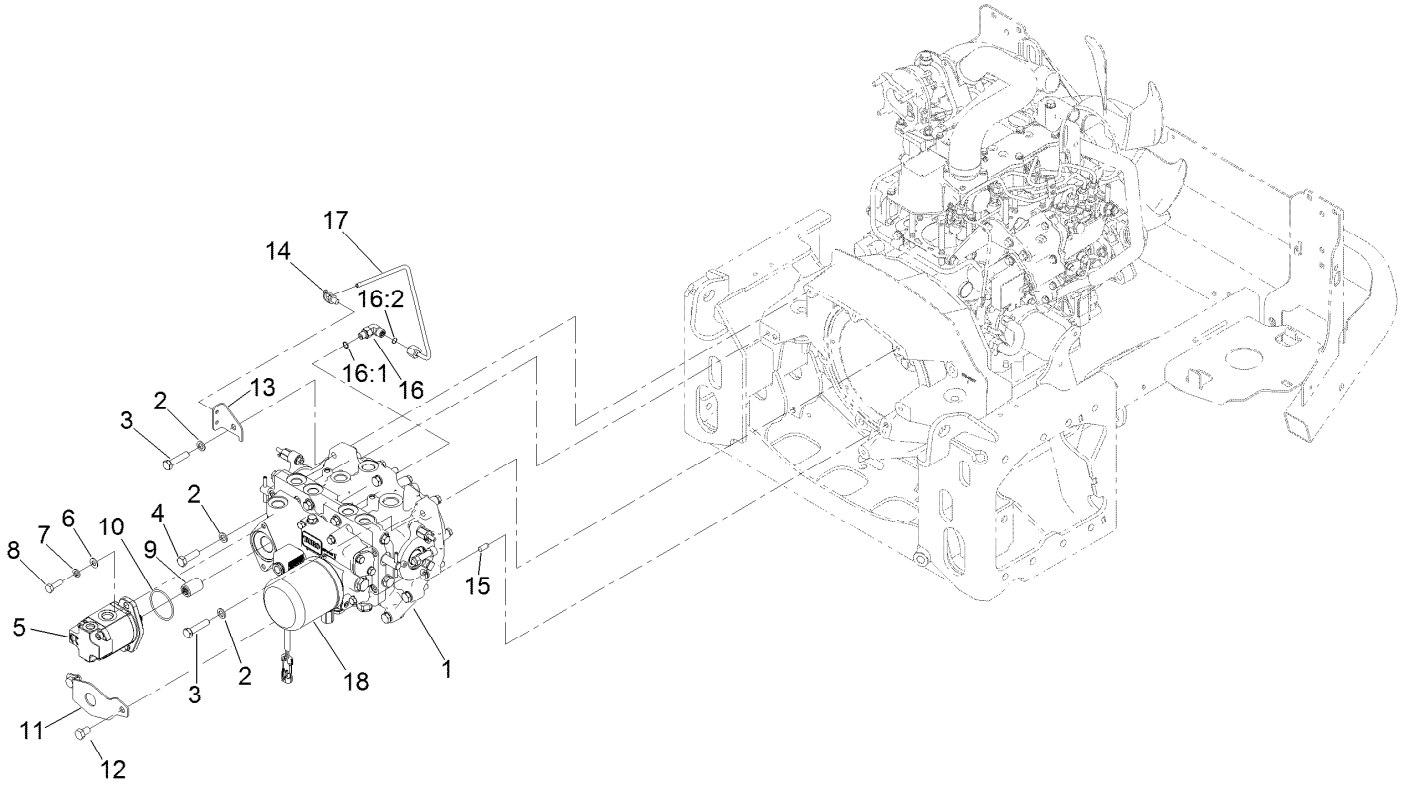


Caster Wheel Assembly (continued)

Ref.	Part Number	Qty.	Description
1	126-8601-01	1	Fork-Caster
2	126-9344	1	Wheel And Tire ASM
2:1		1	Tire And Wheel ASM ●
2:1:1	1-633585	2	Bearing-Cone, Taper
2:1:2	103-0063	2	Seal-Caster
2:1:3	103-3051	1	Spacer-Nut
2:1:4	126-5361	1	Axle Caster ASM
2:2	103-2768	2	Guard-Seal
2:3	325-39	1	Screw-HH
2:4	99-5107	1	Nut-Lock
3	103-9028	2	Bearing-Roller, Cone Taper
4	3256-8	1	Washer-Flat
5	1-633508	6	Washer-Bellville
6	3296-51	1	Nut-Lock, NI
7	135-0355	1	Seal-Grease
8	126-9369	1	Cap-Grease

● Not serviced separately

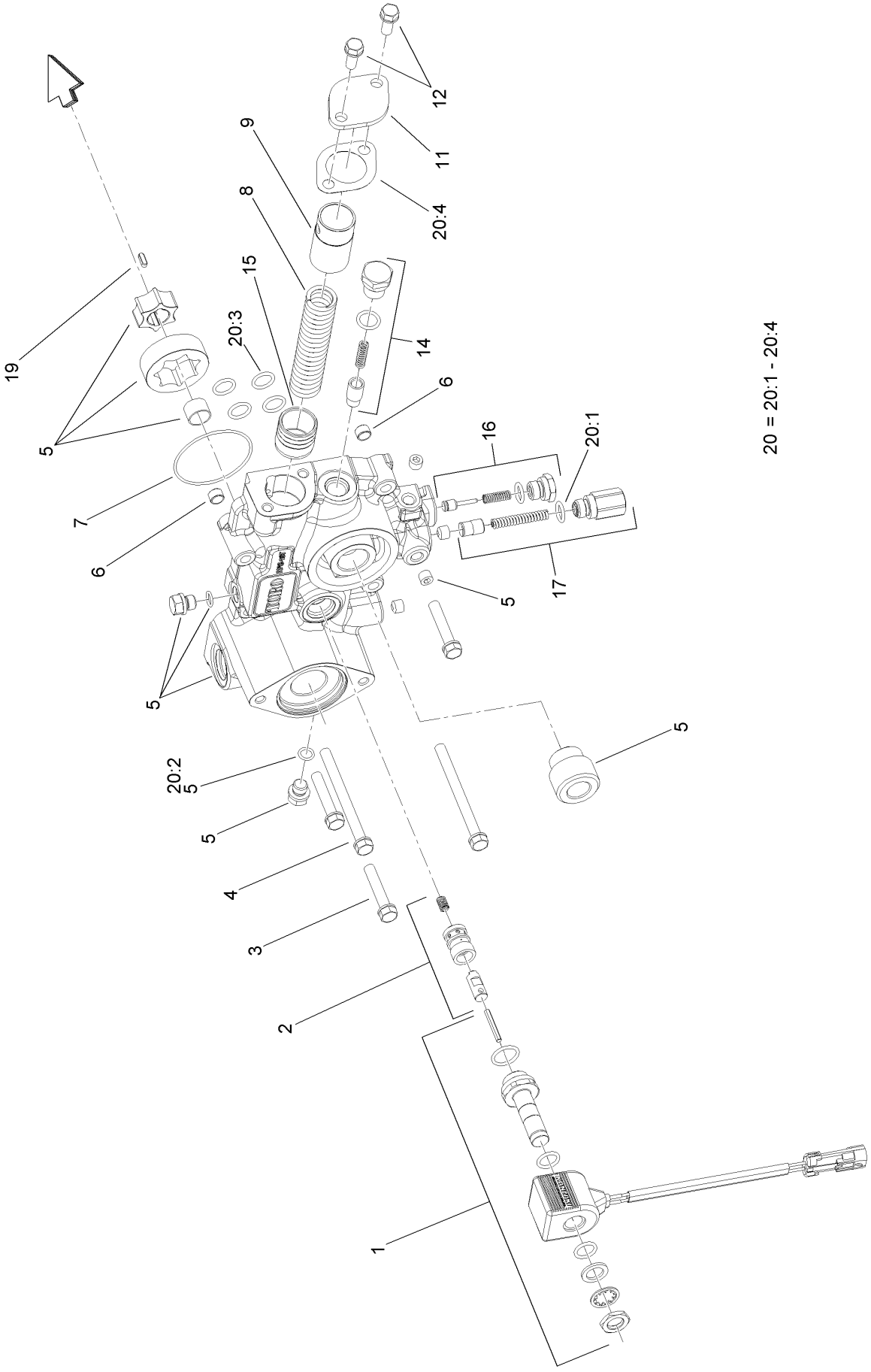
Transmission Assembly



Transmission Assembly (continued)

Ref.	Part Number	Qty.	Description
1	131-5510	1	Transmisson ASM
2	48-9590	7	Washer-Lock
3	33115-045	6	Screw-HH
4	33115-035	1	Screw-HH
5	112-9542	1	HYD Gear Pump ASM
6	3256-23	2	Washer-Plain
7	3253-4	2	Washer-Lock
8	33114-025	2	Screw-HH
9	108-9920	1	Coupler-Spline
10	108-9919	1	O-Ring
11	114-4088	1	Shield-Seal
12	33115-016	2	Screw-HH
13	126-6806	1	Support-Tube
14	32180-030	1	Clip-Tie
15	87-1910	2	Pin-Dowel
16	340-132	1	Fitting-Elbow, 90 DEG
16:1	237-78	1	O-Ring
16:2	237-21	1	O-Ring
17	126-8689	1	Tube ASM
18	108-5194	1	Filter-Oil, HYD

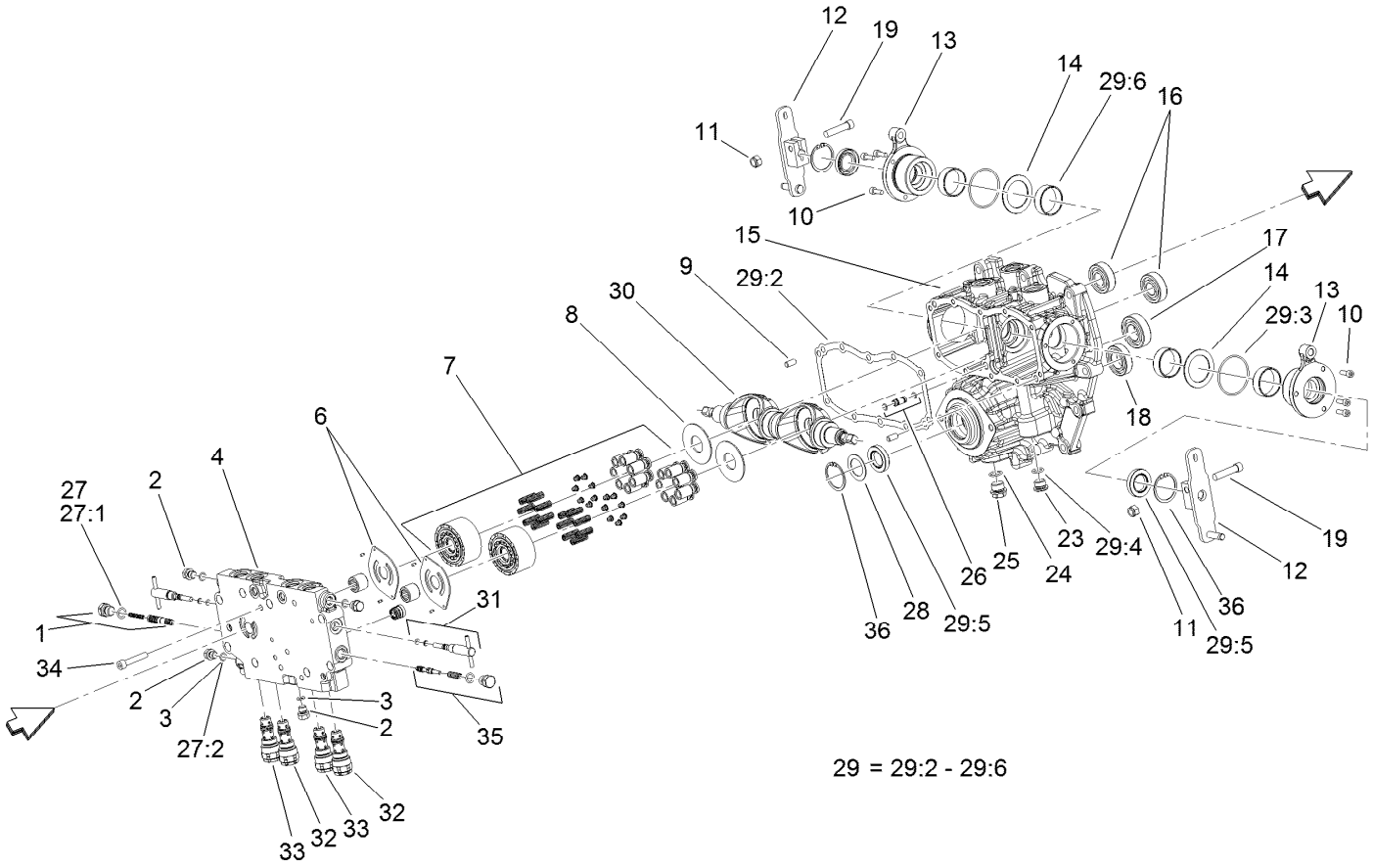
Charge Pump Housing Assembly
Transmission Assembly No. 131-5510



Charge Pump Housing Assembly
Transmission Assembly No. 131-5510 (continued)

Ref.	Part Number	Qty.	Description
1	107-0851	1	Solenoid ASM
2	107-0850	1	Solenoid Valve ASM
3	107-0863	3	Bolt
4	107-0864	2	Bolt
5	107-0840	1	Pump Body ASM
6	107-0848	2	Pin
7	107-0856	1	O-Ring
8	107-0845	1	Spring
9	107-0844	1	Collar
11	107-0846	1	Cover
12	93-0457	2	Bolt And Washer ASM
14	107-0843	1	Filter Bypass Valve ASM
15	107-0818	1	Piston
16	107-0842	1	Charge Relief Valve ASM
17	107-0841	1	Pressure Valve ASM
19	107-0865	1	Key
20	107-0855	1	Charge Pump Seal Kit
20:1	93-0418	2	O-Ring
20:2	107-0817	2	O Ring-Plug
20:3	104-3298	6	Packing
20:4	107-0847	1	Gasket

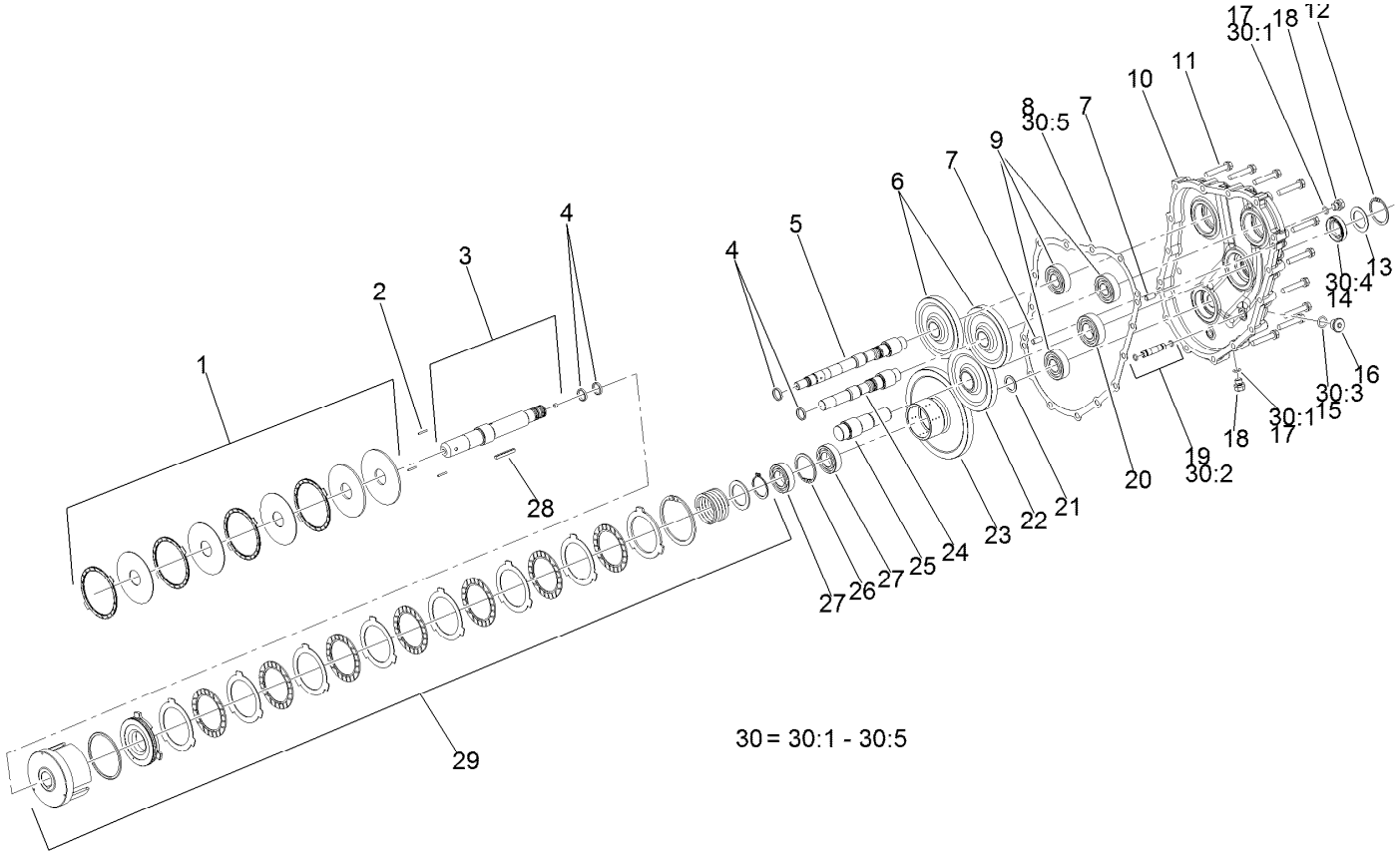
Transmission Assembly (cont.)
Center Section Assembly



Transmission Assembly (cont.)
Center Section Assembly (continued)

Ref.	Part Number	Qty.	Description
1	107-0807	1	Valve-Flushing, RH
2	107-0857	6	Plug
3	107-0817	6	O Ring-Plug
4	121-3377	1	Center Case, Complete
6	107-0805	2	Plate-Valve
7	107-0824	2	Cylinder Block ASM
8	107-0830	2	Plate-Thrust
9	92-0765	4	Pin-Parallel
10	107-0859	6	Bolt
11	120-6681	2	U-Nut
12	120-6680	2	Arm-Control
13	107-0832	2	Side Cover ASM
14	107-0829	2	Washer
15	120-5151	1	Pump Housing ASM
16	107-0826	2	Bearing
17	107-0821	1	Bearing
18	107-0838	1	Bearing
19	120-6682	2	Bolt
23	107-0861	1	Plug-NPTF
24	237-79	1	O-Ring
25	107-0867	1	Plug
26	107-0812	1	Pipe
27	107-0852	1	Center Case Seal Kit
27:1	93-0418	2	O-Ring
27:2	107-0817	6	O Ring-Plug
28	107-0813	1	Spacer
29	107-0853	1	Pump Housing Seal Kit
29:2	107-0810	1	Gasket-Case, Center
29:3	107-0817	2	O Ring-Plug
29:4	104-3298	1	Packing
29:5	107-0814	3	Seal
29:6	107-0825	4	Ring-Seal
30	120-6679	2	Plate-Swash
31	107-0808	2	Valve-Bypass
32	107-0804	2	Valve-Rear
33	107-0803	2	Valve-Front
34	107-0863	8	Bolt
35	107-0806	1	Valve-Flushing, LH
36	92-0757	2	Ring-Snap

Transmission Assembly (cont.)
Gear Case and Clutch Assembly

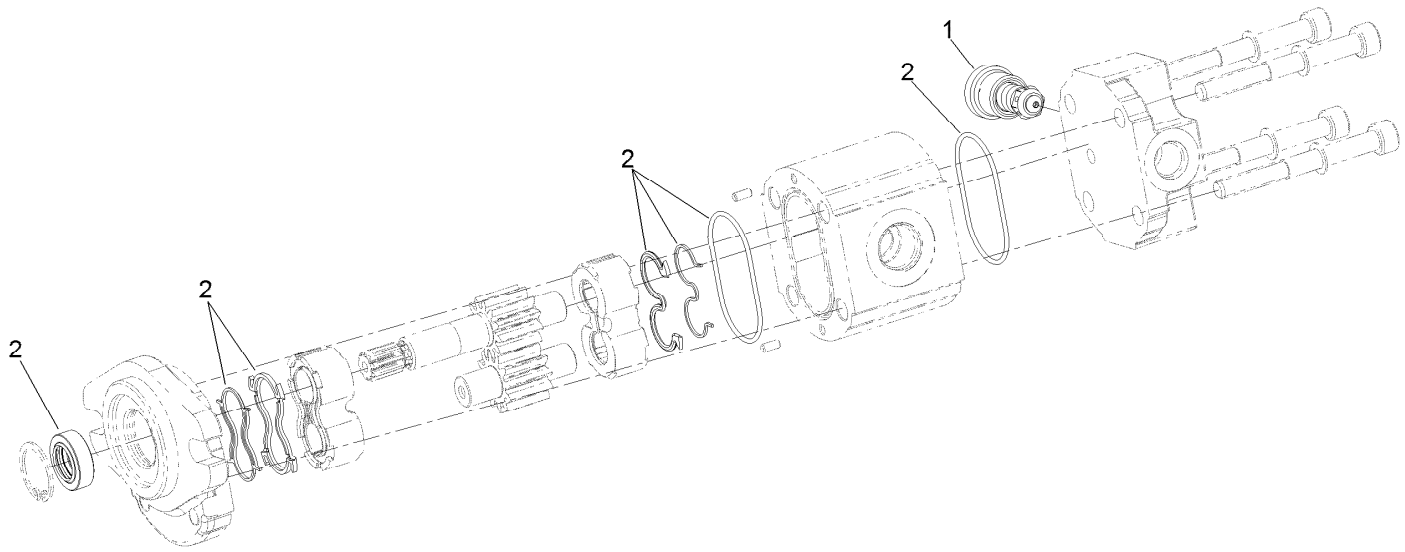


Transmission Assembly (cont.)
Gear Case and Clutch Assembly (continued)

Ref.	Part Number	Qty.	Description
1	107-0839	1	PTO Brake ASM
2	107-0837	3	Rod-Push
3	107-0833	1	PTO Shaft ASM
4	107-0825	2	Ring-Seal
5	107-0827	1	Shaft-Pump
6	107-0823	2	Gear-Pump
7	92-0765	4	Pin-Parallel
8	107-0816	1	Gasket-Housing, Gear
9	107-0826	4	Bearing
10	120-5152	1	Housing-Case, Gear
11	107-0863	13	Bolt
12	92-0757	1	Ring-Snap
13	107-0813	1	Spacer
14	107-0814	1	Seal
15	104-3298	1	Packing
16	107-0861	1	Plug-NPTF
17	107-0817	6	O Ring-Plug
18	107-0857	6	Plug
19	107-0811	1	Pipe
20	107-0821	2	Bearing
21	107-0836	1	Spacer
22	107-0820	1	Gear-Input
23	107-0834	1	Gear-PTO
24	107-0822	1	Shaft-Pump
25	107-0819	1	Shaft-Input
26	92-0758	1	Ring-Snap
27	107-0838	3	Bearing
28	107-0866	1	Key
29	107-0835	1	Clutch Cylinder ASM
30	107-0854	1	Gear Housing Seal Kit
30:1	107-0817	2	O Ring-Plug
30:2		2	O-Ring ●
30:3	104-3298	1	Packing
30:4	107-0814	1	Seal
30:5	107-0816	1	Gasket-Housing, Gear

● Not serviced separately

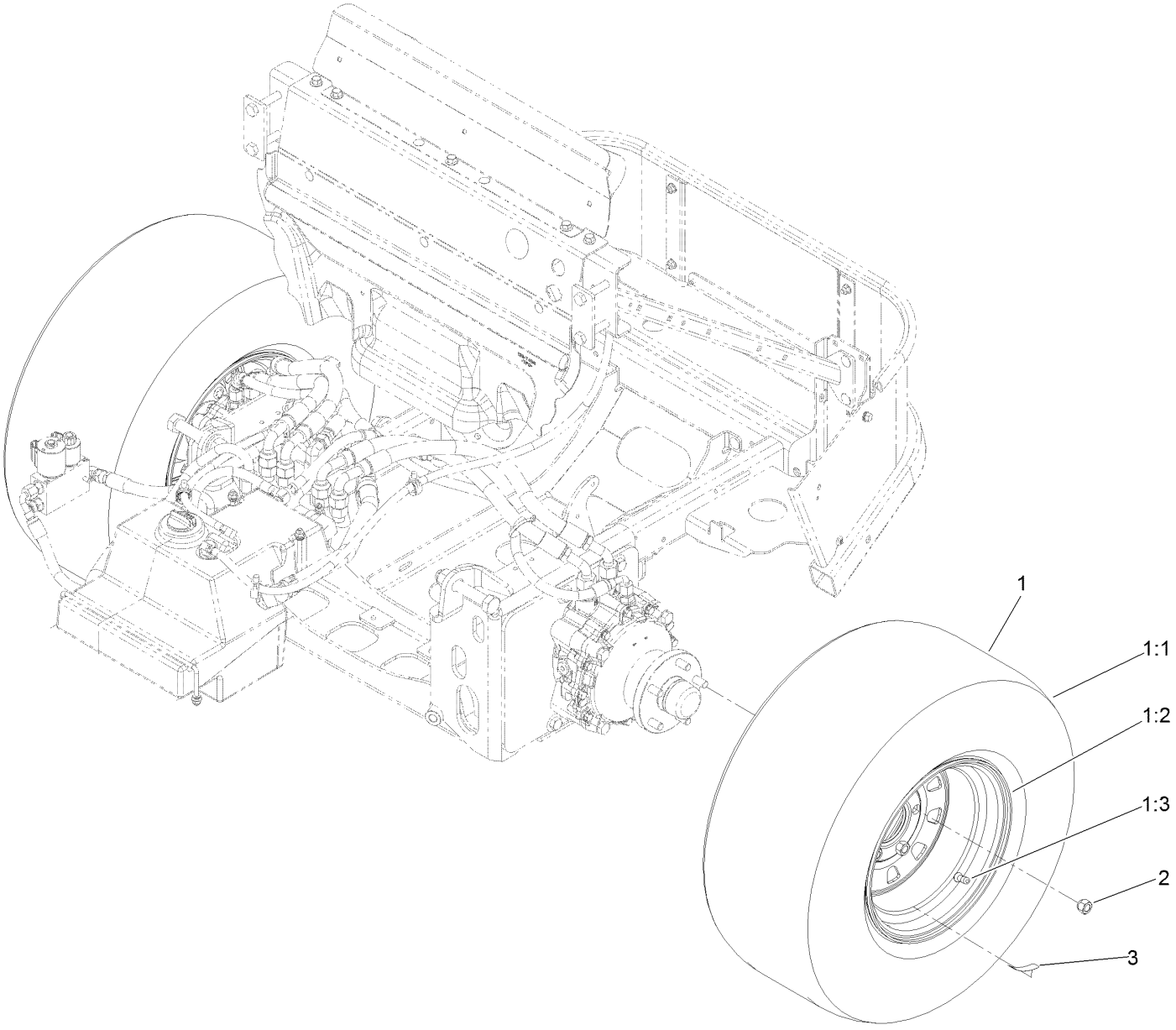
Hydraulic Gear Pump Assembly No. 112-9542



Hydraulic Gear Pump Assembly No. 112-9542 (continued)

Ref.	*Part Number*	*Qty.*	*Description*
1	112-0198	1	Valve
2	112-0199	1	Seal Kit

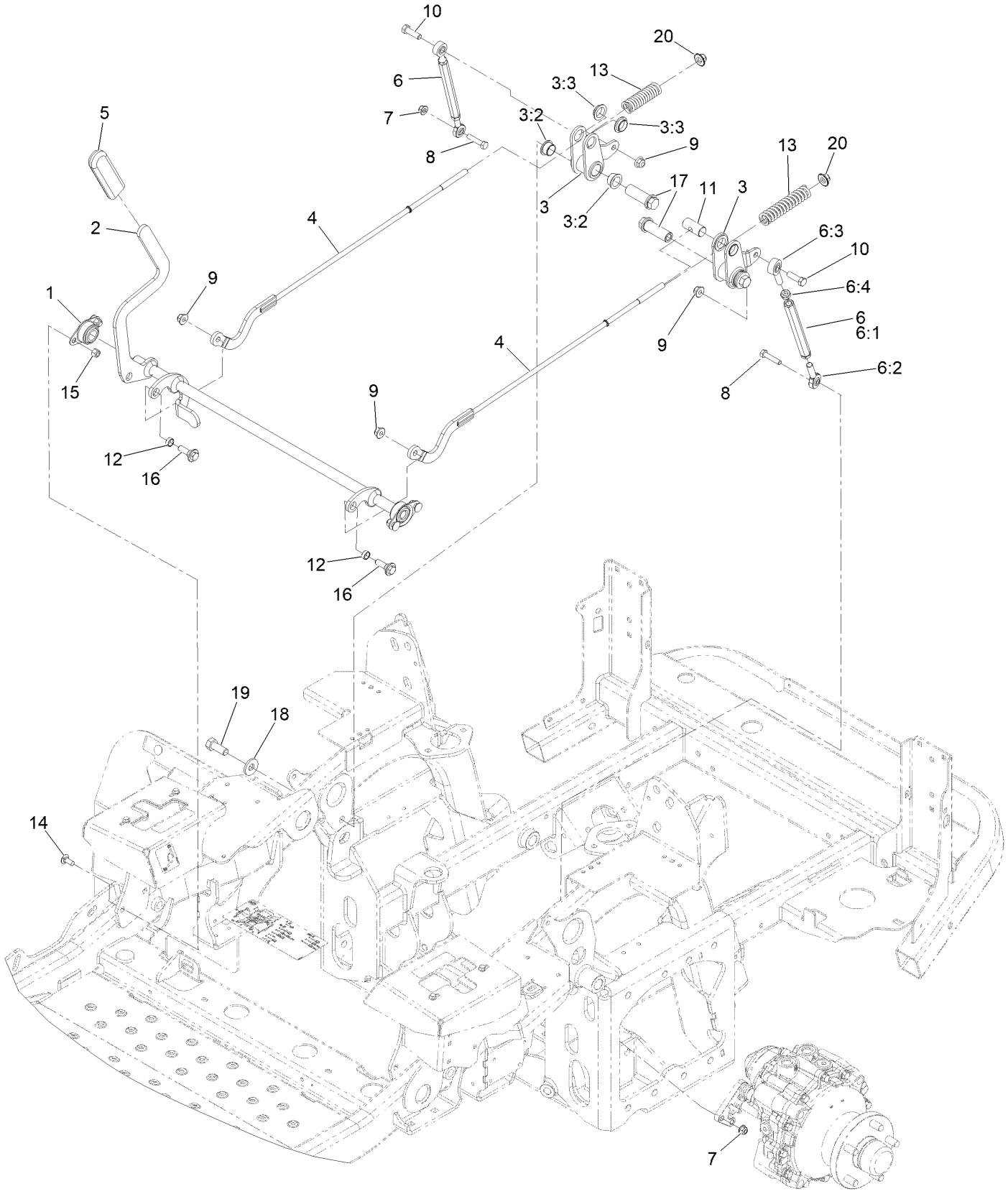
Rear Wheel Assembly



Rear Wheel Assembly (continued)

Ref.	Part Number	Qty.	Description
1	126-8104	2	Tire ASM
1:1	126-8106	1	Rim
1:2	126-8033	1	Tire
1:3	232-27	1	Stem-Valve
2	139-2564	10	Nut-Lug
3	135-0328	2	Decal-Torque, Wheel Nut

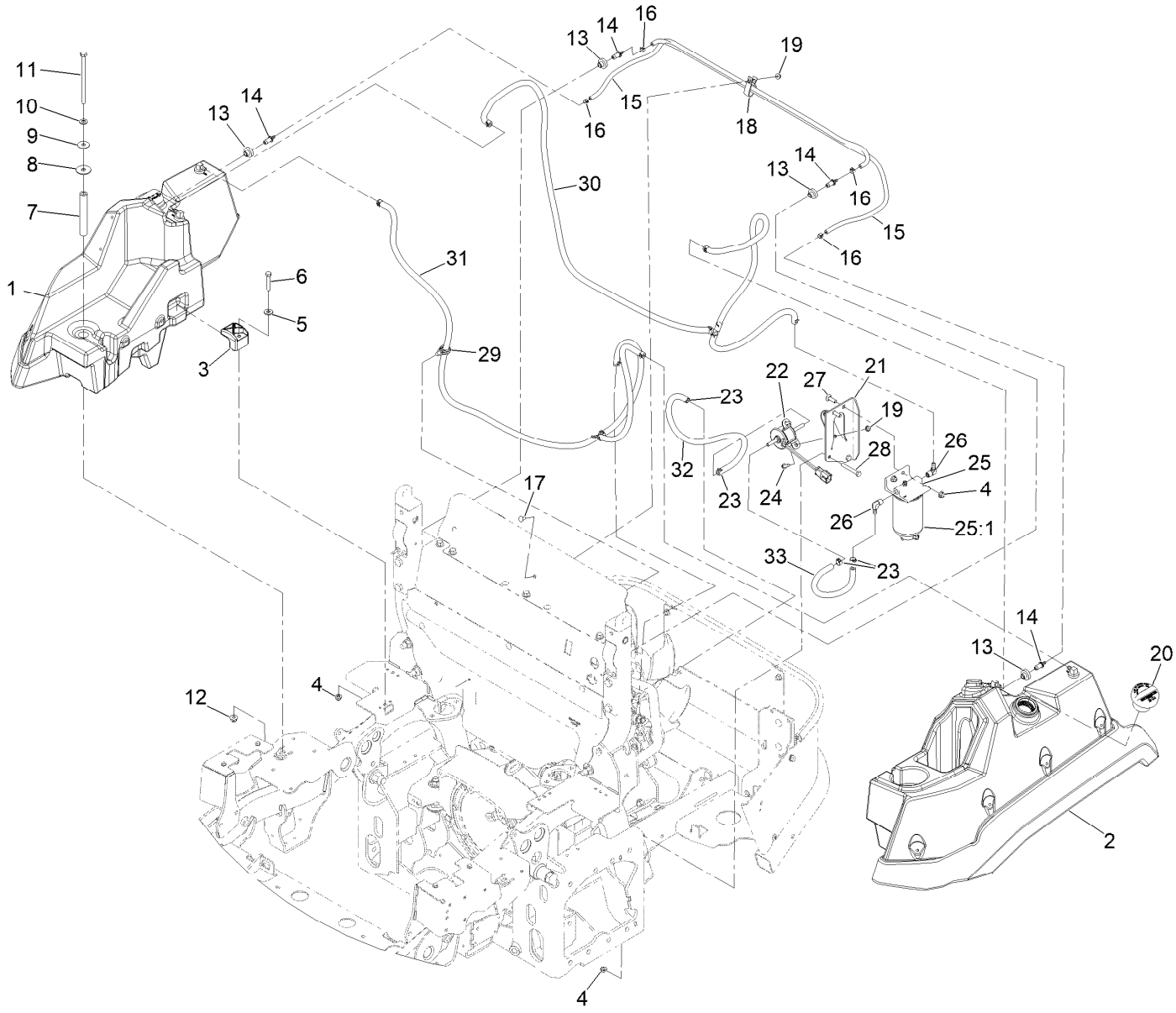
Parking Brake Assembly



Parking Brake Assembly (continued)

Ref.	Part Number	Qty.	Description
1	1-633102	2	Bearing-Flange, Side
2	142-4901	1	Shaft-Brake
3	126-3010	2	Brake Bellcrank ASM
3:2	109-8054	2	Bushing-Flange
3:3	135-2840	2	Bushing-Flange
4	142-4897	2	Link-Brake, Upper
5	1-633268	1	Grip-Lever
6	126-9171	2	Turnbuckle ASM
6:1	126-9172	1	Turnbuckle
6:2	126-9302	1	Bearing-End, LH Rod
6:3	1-613204	1	Balljoint
6:4	3220-3	1	Nut-HJ
7	104-8300	2	Nut-HF, NI
8	322-7	2	Screw-HH
9	104-8301	4	Nut-HF, NI
10	323-7	2	Screw-HH
11	1-633144	2	Pin-Trunion
12	133-5109	2	Bearing-Sleeve
13	109-2230	2	Spring-Compression
14	3230-23	4	Bolt-CARR
15	3296-29	4	Nut-Lock, NI
16	614672	2	Screw-Shoulder, HWH
17	109-5891	2	Hub-Threaded
18	1-513435	2	Washer-Spring
19	325-5	2	Screw-HH
20	109-6658	2	Nut-Flange, NI

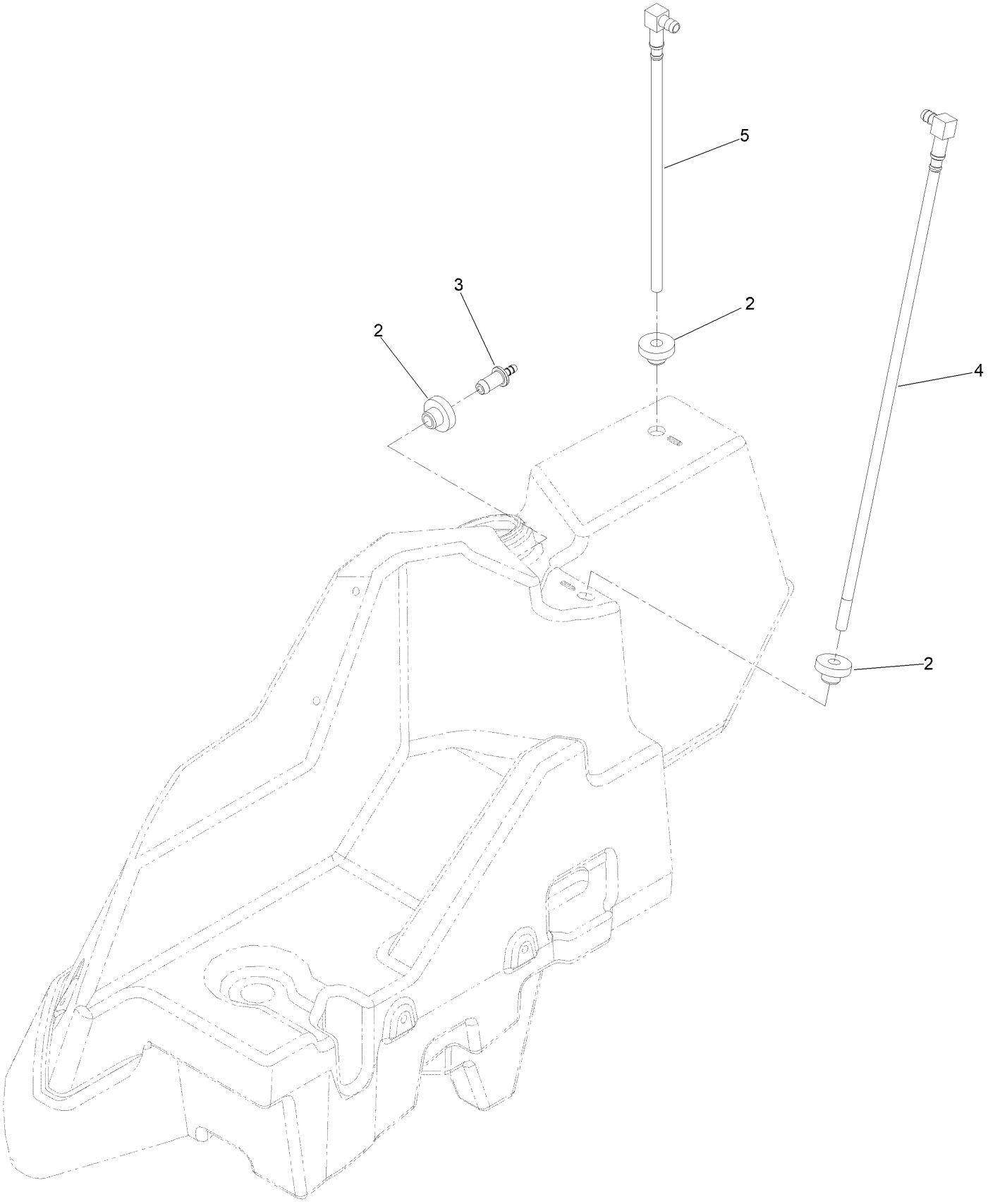
Fuel System Assembly



Fuel System Assembly (continued)

Ref.	Part Number	Qty.	Description
1	142-8638	1	RH Fuel Tank ASM
2	146-1835	1	ASM-Fuel Tank, LH
3	107-4543	4	Clamp
4	104-8300	8	Nut-HF, NI
5	3256-3	4	Washer-Flat
6	322-21	4	Screw-HH
7	126-8335	2	Tube-Spacer
8	95-1905	2	Washer-Rubber
9	105-6814	2	Washer-Plain
10	3256-24	2	Washer-Plain
11	323-22	2	Screw-HH
12	104-8301	2	Nut-HF, NI
13	46-6560	2	Bushing
14	116-4630	2	Fitting-Orifice, Straight
15	117-6395	2	Hose-Fuel
16	2412-80	4	Clamp-Hose
17	3229-11	3	Screw-CARR
18	92-5753	3	Clamp-Hose
19	104-7201	5	Nut-HF, NI
20	142-8000	2	Cap-Fuel, Diesel Low Or Ultra Low Sulfur
21	135-0166-03	1	Bracket-Filter And Pump, Fuel
22	121-5613	1	Pump-Fuel, Electric
23	92-2379	4	Clamp-Hose
24	32105-15	2	Screw-HWH
25	110-9044	1	Separator-Filter
25:1	110-9049	1	Filter-Spin On, Fuel/Water
26	353-781	2	Fitting-HYD, 90
27	3230-22	2	Screw-CARR
28	322-11	2	Screw-HH
29	32180-030	1	Clip-Tie
30	135-0510	1	Line-Fuel, Suction
31	135-0511	1	Line-Fuel, Return
32	109-0308	1	Hose-Fuel
33	110-4105	1	Hose-Fuel

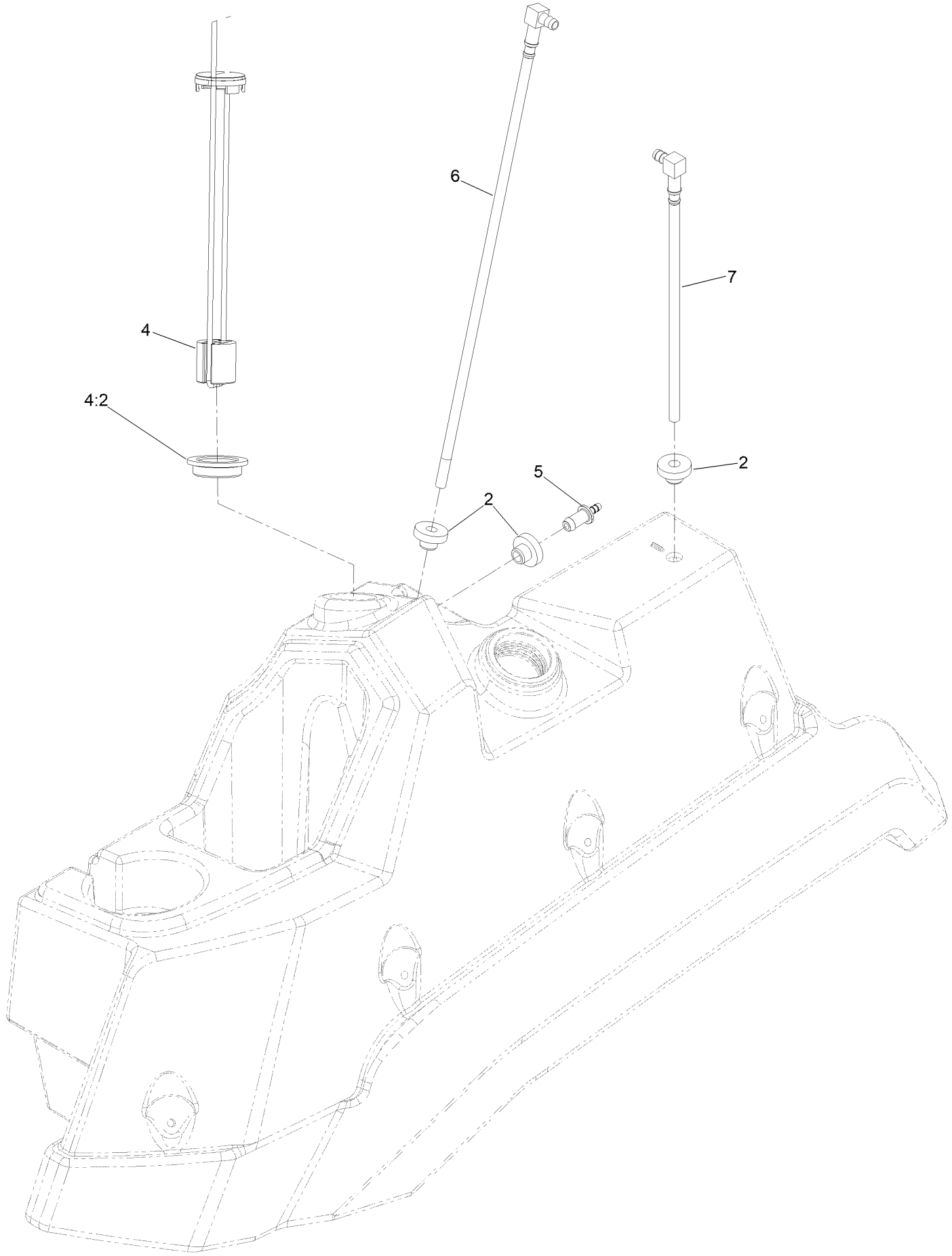
RH Fuel Tank Assembly No. 142-8638



RH Fuel Tank Assembly No. 142-8638 (continued)

Ref.	Part Number	Qty.	Description
2	46-6560	3	Bushing
3	116-4630	1	Fitting-Orifice, Straight
4	126-8647	1	Pick-Up-Fuel
5	126-8649	1	Return-Fuel

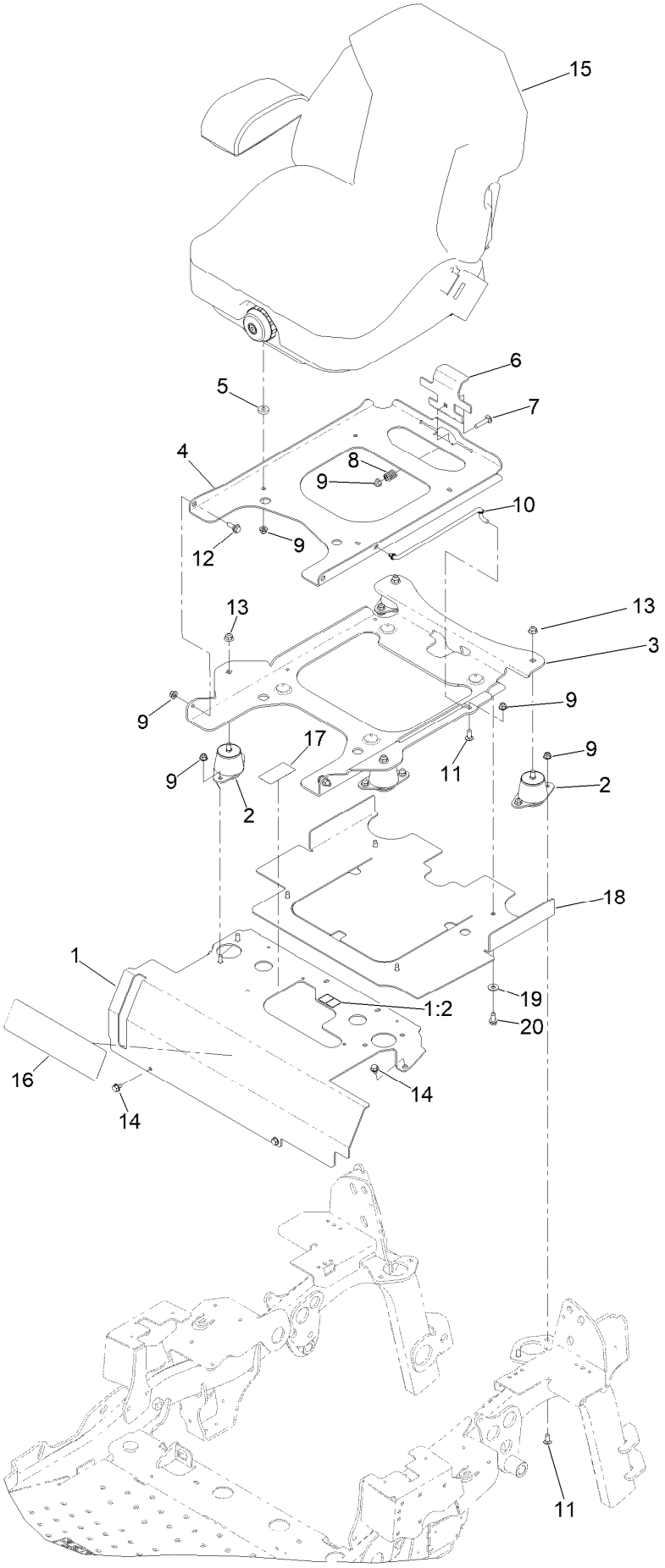
LH Fuel Tank Assembly No. 146-1835



LH Fuel Tank Assembly No. 146-1835 (continued)

Ref.	Part Number	Qty.	Description
2	46-6560	3	Bushing
4	146-1833	1	Gauge-Fuel
4:2	146-2382	1	Seal-Fuel Gauge
5	116-4630	1	Fitting-Orifice, Straight
6	126-8647	1	Pick-Up-Fuel
7	126-8649	1	Return-Fuel

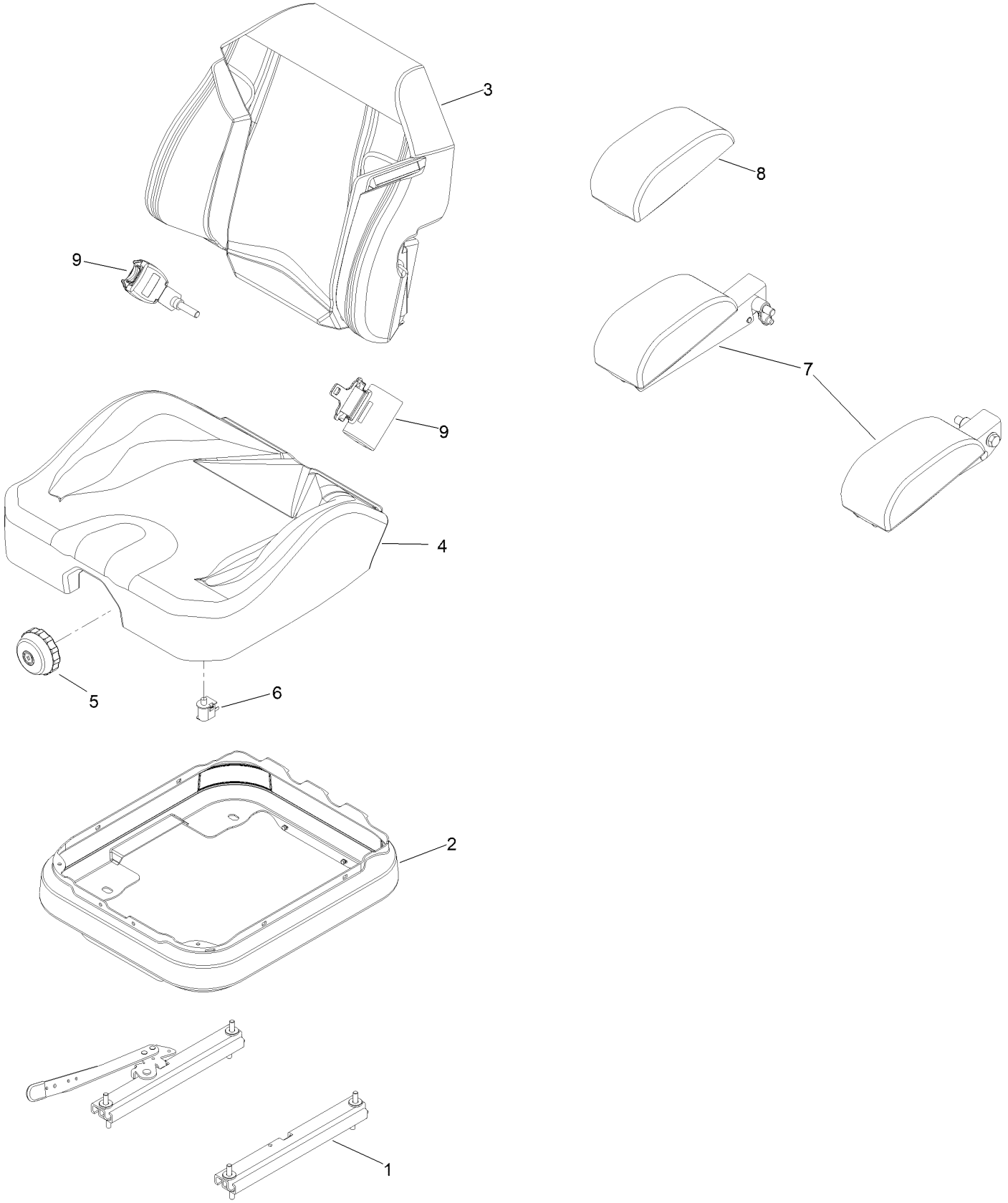
Seat Mounting Assembly



Seat Mounting Assembly (continued)

Ref.	Part Number	Qty.	Description
1	142-6637	1	Mount-Seat W/Decals
1:2	106-5517	1	Decal-Warning
2	109-9034	4	Isolator-Seat
3	142-9423-03	1	Plate,Tilt Seat Support
4	126-2700-03	1	Plate-Frame, Seat
5	26-4840	4	Spacer-Pin, Mounting
6	126-1855	1	Plate-Latch, Seat
7	3230-4	1	Bolt-CARR
8	107-3017	1	Spring-Compression
9	104-8300	16	Nut-HF, NI
10	116-0070	1	Rod-Prop
11	3230-23	9	Bolt-CARR
12	116-1297	2	Screw-Shoulder
13	104-8301	4	Nut-HF, NI
14	9266934	4	Screw
15	147-4984	1	Seat-Suspension
16	140-1215	1	Decal-Console
17	135-2837	1	Decal-Fluid, Transmission
18	142-9671	1	Shield-Heat
19	3256-3	4	Washer-Flat
20	32144-70	4	Screw-HWHTF

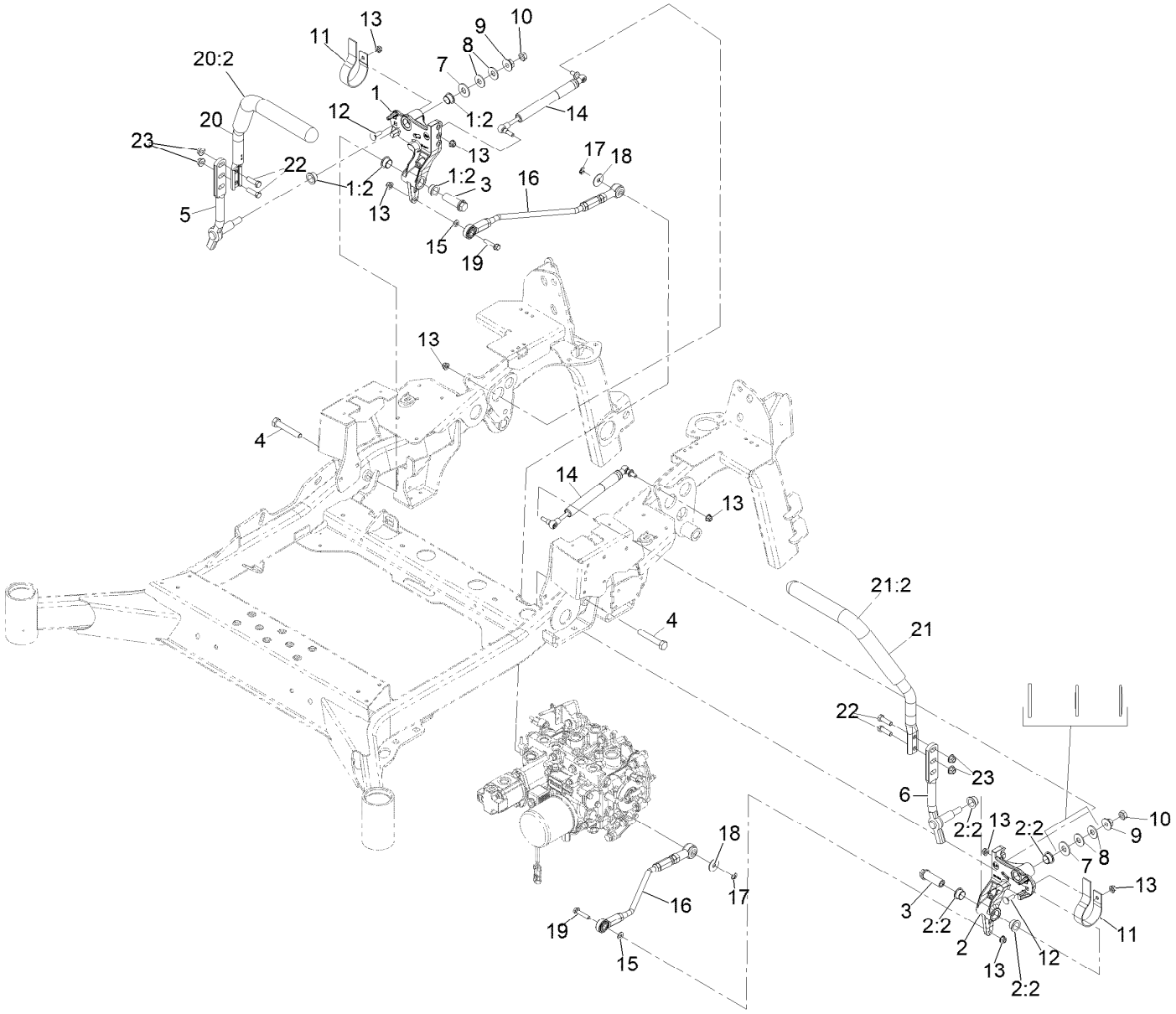
Seat Assembly No. 147-4984



Seat Assembly No. 147-4984 (continued)

Ref.	Part Number	Qty.	Description
1	140-8012	1	Seat Track Set
2	116-5659	1	Cover-Suspension Bellows
3	140-8004	1	Cover-Back
4	140-8005	1	Cover-Cushion
5	116-8911	1	Knob-Adjuster
6	82-2190	1	Switch-Bail
7	147-4985	1	Armrest Kit
8	109-9802	1	Arm Rest Pad Set
9	126-2061	1	Seat Belt Service Kit

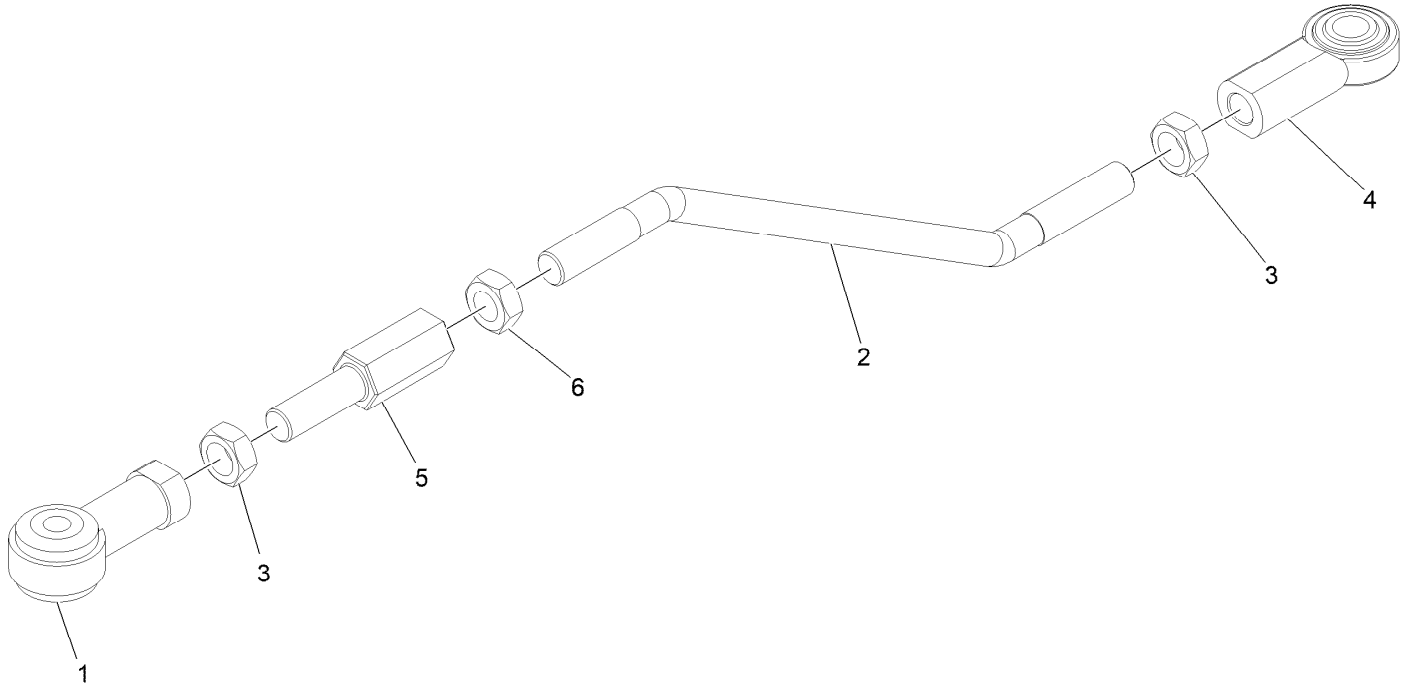
Motion Control Assembly



Motion Control Assembly (continued)

Ref.	Part Number	Qty.	Description
1	116-0880	1	RH Motion Control And Bushing ASM
1:2	109-8054	4	Bushing-Flanged
2	116-0881	1	LH Motion Control And Bushing ASM
2:2	109-8054	4	Bushing-Flanged
3	109-5891	2	Hub-Threaded
4	325-12	2	Screw-HH 1/2-13 X 3
5	116-0039	1	Lever-Control Motion, RH
6	116-0040	1	Lever-Control Motion, LH
7	3256-6	2	Washer
8	109-9505	4	Washer, Spring Disc 1/2
9	32128-56	2	Nut-Hex 1/2-13 Flange
10	3218-5	2	Nut-Jam 1/2-13
11	109-5575	2	Spring-Leaf
12	3230-2	2	Bolt-Carriage 5/16-18 X 1
13	104-8300	8	Nut-Nyloc 5/16-18 Flg
14	146-0859	2	Damper, Motion Control
15	3256-23	2	Washer-5/16 SAE
16	142-8447	2	ASM, Front Linkage Rod
17	32151-47	2	Ring-Retaining
18	130-8094	2	Washer-Plain
19	115-1794	2	Screw-Hex Flange 5/16-18 X 1 1/2
20	126-7700	1	RH Steering Handle ASM
20:2	109-5668	1	Grip-Lever, Control
21	126-7699	1	LH Steering Handle ASM
21:2	109-5668	1	Grip-Lever, Control
22	323-7	4	Screw-HH 3/8-16 X 1 1/4
23	104-8301	4	Nut-Nyloc 3/8-16 Flg

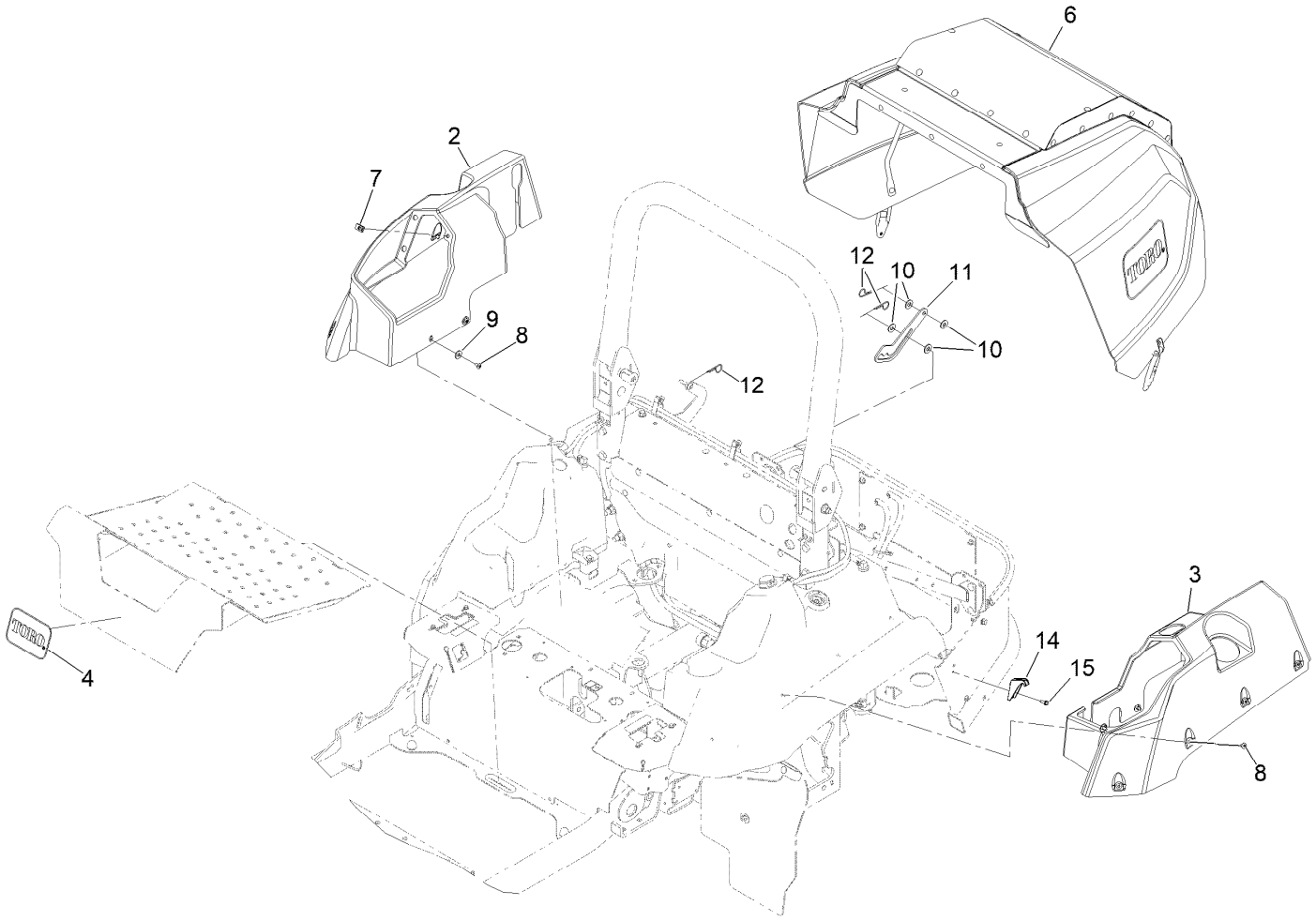
Front Linkage Rod Assembly No. 142-8447



Front Linkage Rod Assembly No. 142-8447 (continued)

Ref.	Part Number	Qty.	Description
1	142-8415	1	Rod End - Isolated 1/2-20
2	142-8412	1	Rod - Linkage
3	3220-5	2	Nut-Jam 1/2-20
4	142-8416	1	Rod End - 1/2-20
5	142-8413	1	Rod - Adjustment
6	3220-12	1	Nut-Hex Jam LH

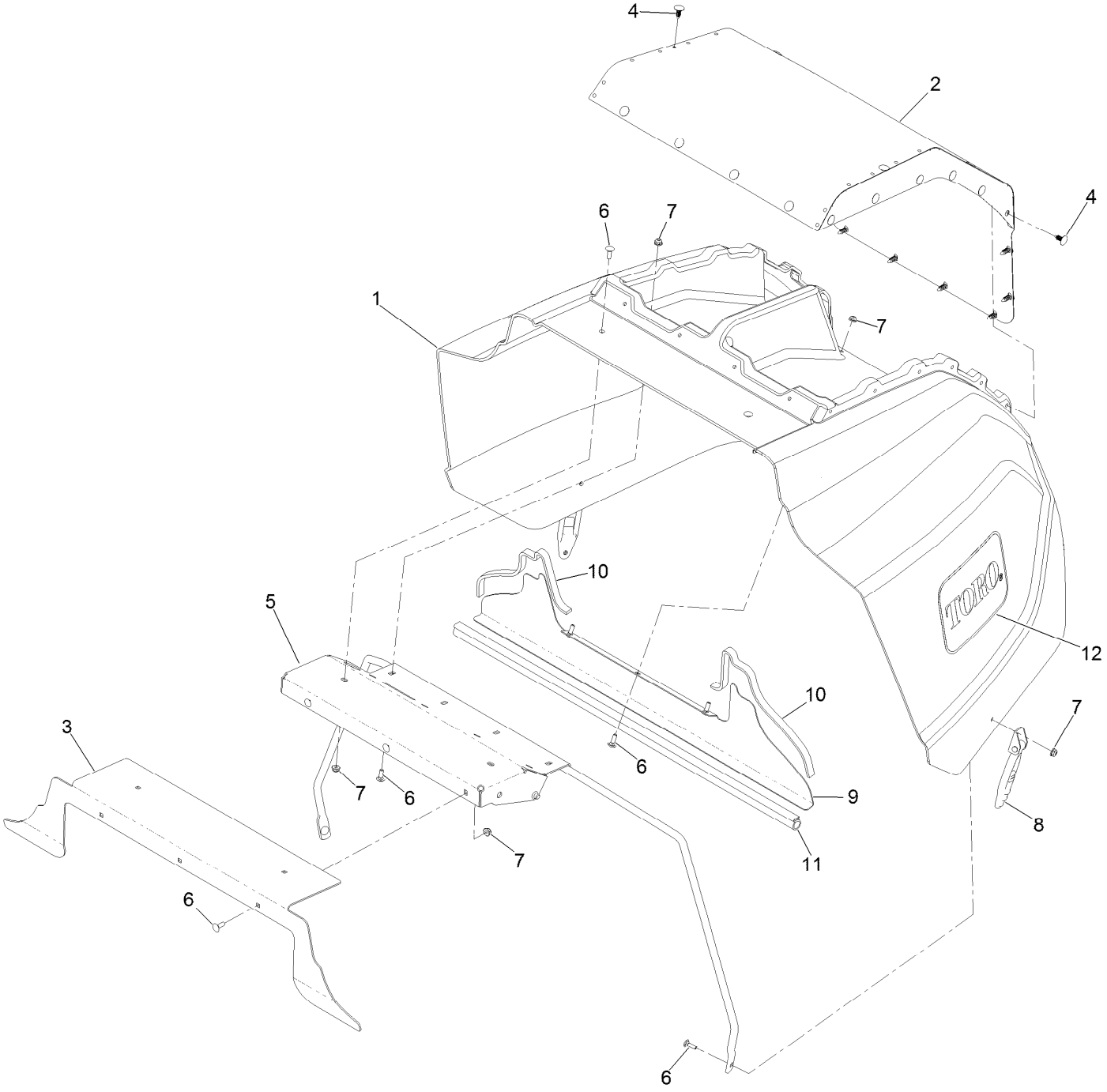
Hood and Covers Assembly



Hood and Covers Assembly (continued)

Ref.	Part Number	Qty.	Description
2	126-8655	1	Cover-Tank, RH
3	146-2024	1	Cover-Tank, LH
4	68-3640	1	Decal
6	135-7930	1	Hood ASM
7	107069	1	Clip
8	126-8216	12	Screw-Torx
9	3256-71	4	Washer-Flat
10	3256-4	4	Washer-Flat
11	142-6010	1	Prop-Hood
12	3290-255	3	Pin-Cotter, Hair
14	126-8672	2	Latch-Catch
15	32144-10	2	Screw-HWH

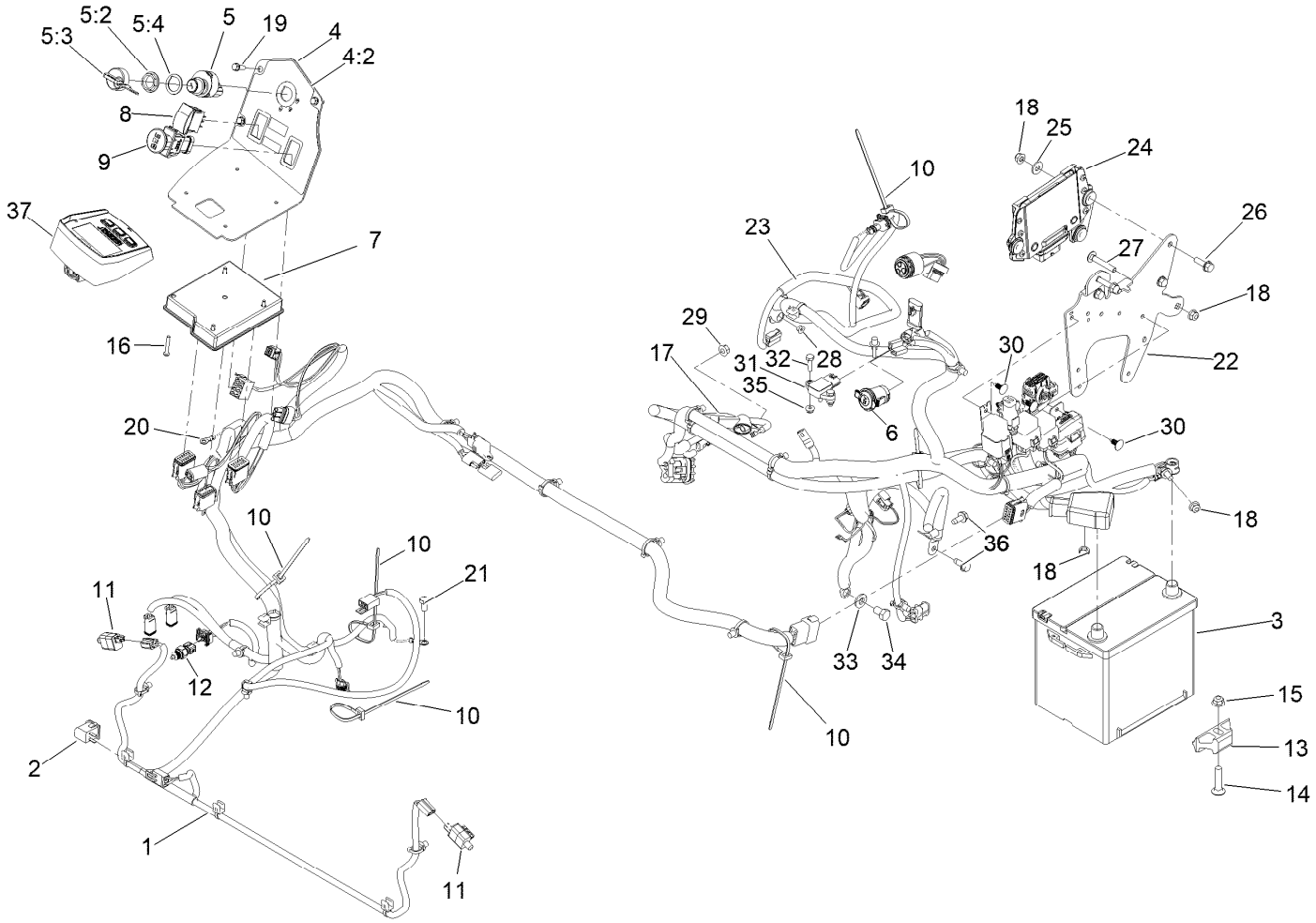
Hood Assembly No. 135-7930



Hood Assembly No. 135-7930 (continued)

Ref.	Part Number	Qty.	Description
1	135-7929	1	Hood
2	135-6746-03	1	Screen-Intake
3	135-6750-03	1	Block Off-Hood
4	117-2382	24	Plug-Plastic
5	126-6524-03	1	Support-Hood
6	3229-1	14	Screw-CARR
7	104-7201	14	Nut-HF, NI
8	103-2898	2	Latch-Rubber
9	135-7572-03	1	Plate-Seal
10	135-7573	2	Seal-Foam
11	126-6846	1	Seal-Bulb
12	62-7400	2	Decal-Toro Logo

Electrical Assembly

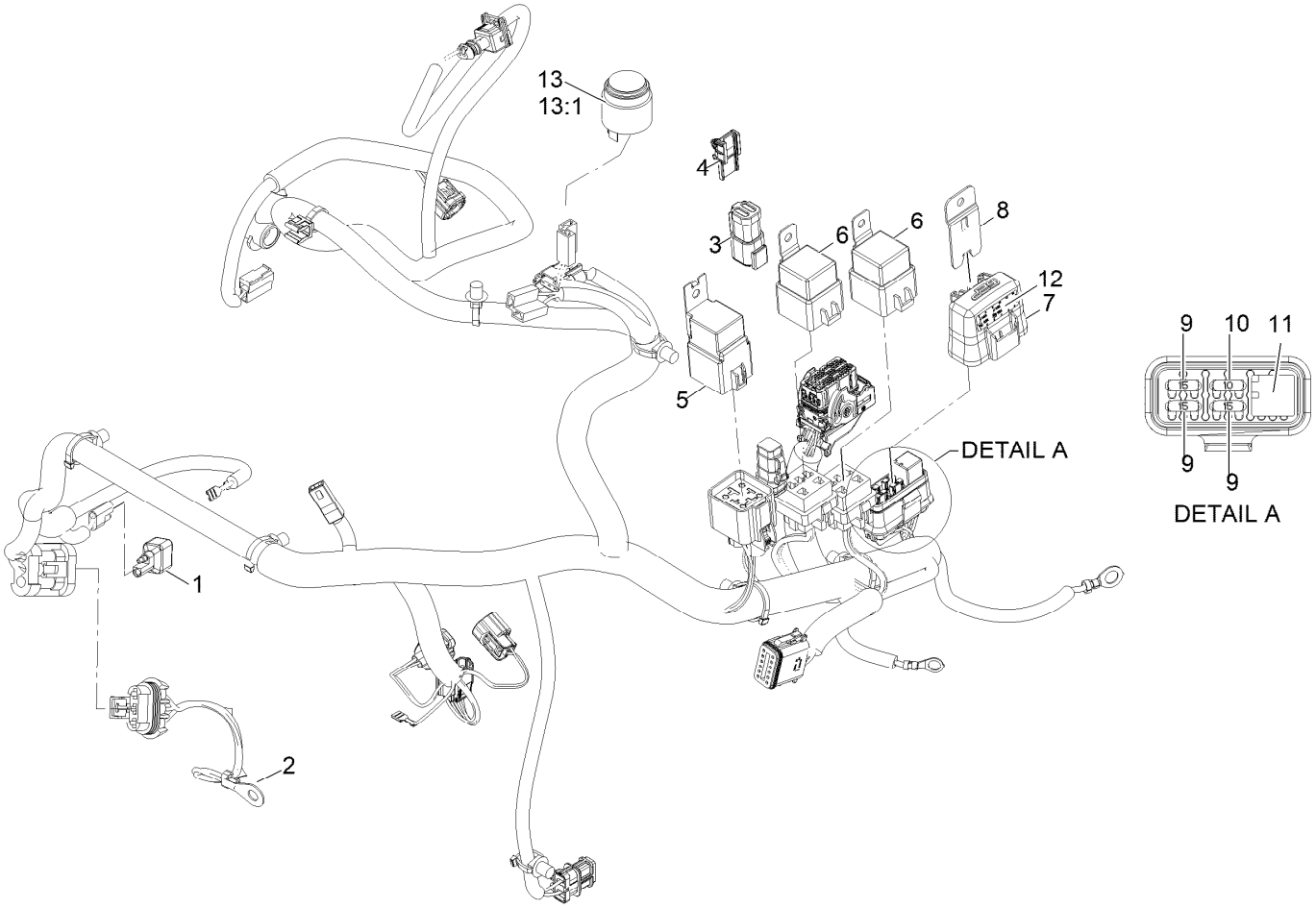


Electrical Assembly (continued)

Ref.	Part Number	Qty.	Description
1	126-7262	1	Harness-Wire
2	82-2190	1	Switch-Bail
3	106-5187	1	Battery- Dry, 12V, 525 CCA
4	135-6122	1	Console ASM
4:2	126-9278	1	Decal-Control Panel
5	126-6285	1	Ignition Switch ASM
5:2	108-8660	1	Nut-Mounting
5:3	106-5270	1	Ignition Key Set
5:4	108-8659	1	Washer-Backup
6	126-6499	1	Port-Power, 12V
7	135-3427	1	Module-Mcu
8	100-1535	1	Switch-Rocker, (On)-Off-(On)
9	126-6187	1	Switch-PTO, Sealed
10	3290-378	5	Tie-Cable
11	110-6765	2	Switch
12	146-3819	1	Sensor-Temperature
13	138-6335	1	Retainer-Battery
14	3231-5	1	Screw-CARR
15	104-8301	1	Nut-HF, NI
16	126-5092	4	Screw-PPH
17	126-7406	1	Cable-Battery
18	104-8300	7	Nut-HF, NI
19	32105-15	3	Screw-HWH
20	135-3998	1	Harness-Wire, Jumper
21	139-9940	1	Screw-HH
22	135-0503-03	1	Bracket-Mount, Ecu
23	142-7960	1	Harness-Wire, Yanmar
24	135-4281	1	Ecu ●
25	3256-3	3	Washer-Flat
26	3234-29	3	Screw-HHF
27	3230-6	2	Bolt-CARR
28	33003-00	1	Nut-HF
29	127-2371	1	Nut-HF
30	117-2382	4	Plug-Plastic
31	126-9261	1	Sensor-Atm
32	321-5	2	Screw-HH
33	98-5975	1	Washer-Belleville
34	33115-016	1	Screw-HH
35	104-7201	2	Nut-HF, NI
36	32144-70	2	Screw-HWHTF
37	126-9976	1	Module-Horizon

● Contact an Authorized Service Dealer

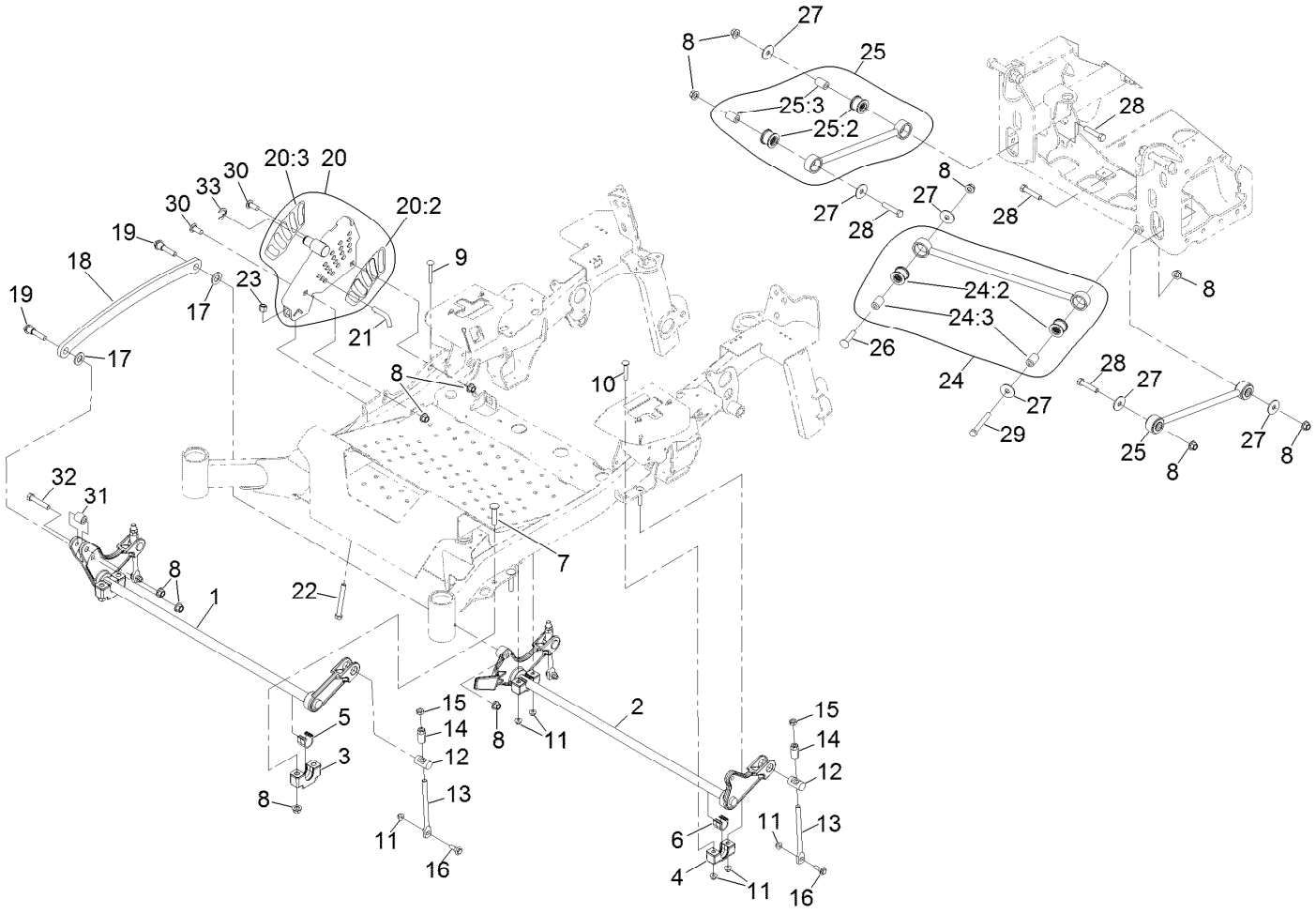
Wire Harness Assembly No. 142-7960



Wire Harness Assembly No. 142-7960 (continued)

Ref.	Part Number	Qty.	Description
1	100-4918	1	Diode
2	99-3441	1	Harness-Wire, Fusible Link
3	32160-359	1	Connector (6M)
4	32180-103	1	Clip-Connector
5	127-7514	1	Relay-70A
6	99-7430	2	Relay-Mini
7	32180-176	1	Cover-Block, Fuse
8	32180-177	1	Clip-Mounting
9	121-8867	3	Fuse-Mini Blade, 15 Amp
10	121-8866	1	Fuse-Mini Blade, 10 Amp
11	126-3991	1	Relay-Micro
12	126-9100	1	Decal-Fuse
13	80-9330	1	Audio Alarm ASM
13:1	104-5107	1	Nut-Plastic, Knurled

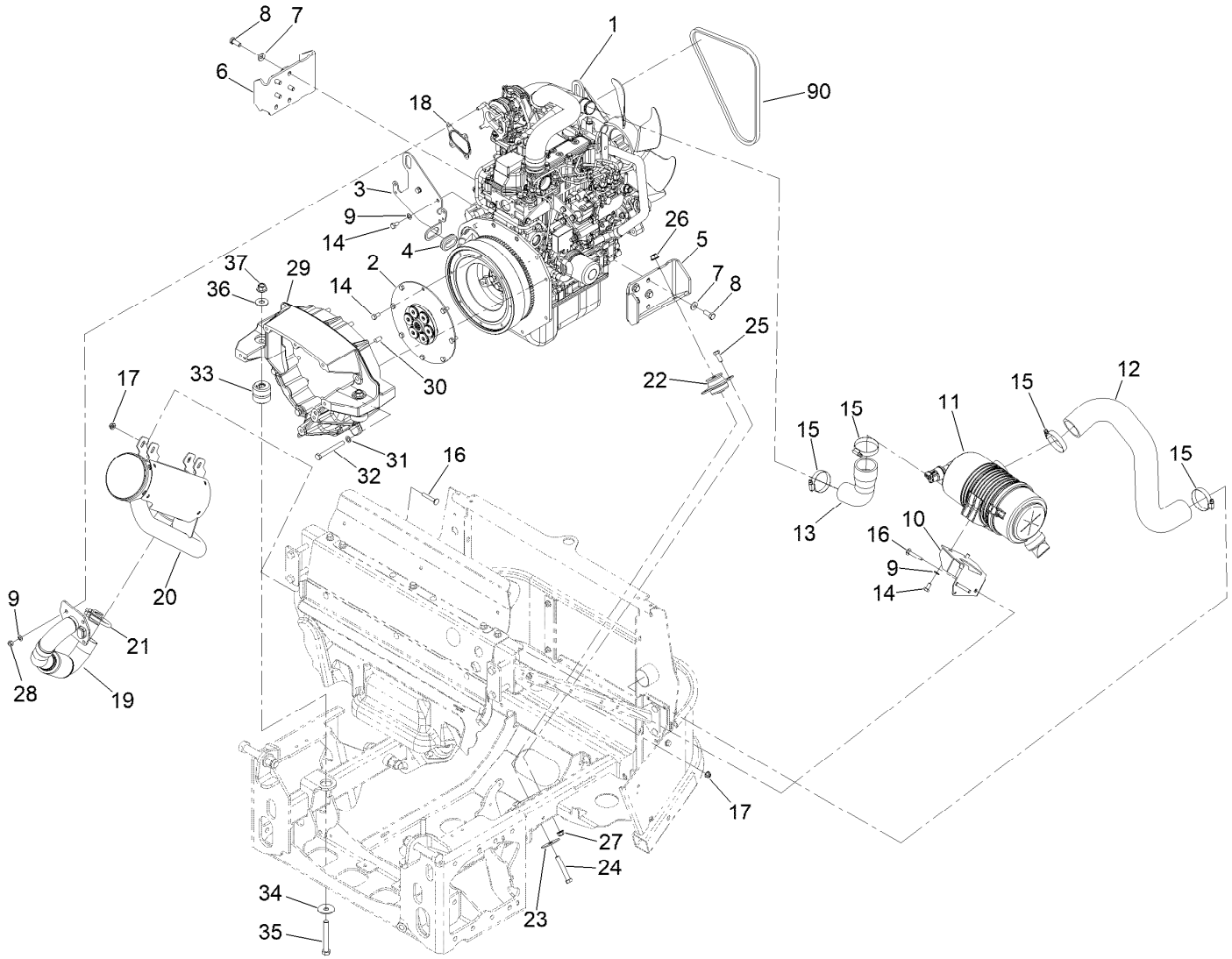
Deck Lift Assembly



Deck Lift Assembly (continued)

Ref.	Part Number	Qty.	Description
1	135-1216-03	1	Lift-Deck, Front
2	116-2645-03	1	Lift-Deck, Rear
3	109-9409	2	Support-Bearing, Cross Shaft (Front)
4	127-0553	2	Support-Bearing, Cross Shaft (Rear)
5	109-9410	2	Bearing-Cross Shaft, Front
6	109-7173	2	Bearing-Cross Shaft, Rear
7	116-1700	4	Bolt-CARR
8	99-5107	15	Nut-Lock
9	3231-9	1	Screw-CARR
10	3231-7	3	Screw-CARR
11	104-8301	8	Nut-HF, NI
12	109-8353	4	Trunnion
13	109-8007	4	Link-Adjuster, Deck Lift
14	109-7840	4	Adjuster-Lift, Deck
15	3218-5	4	Nut-Jam
16	109-9840	4	Screw-Shoulder, HHF
17	3256-28	2	Washer-Flat
18	116-0797-03	1	Link-Lift, Deck
19	116-2022	2	Screw-HHF, Shoulder
20	126-7866	1	HOC ASM
20:2	126-9275	1	Decal-HOC
20:3	135-1432	1	Decal-HOC, Outer
21	116-5584	1	Pin-HOC
22	116-0559	1	Bolt-TAP
23	3296-23	1	Nut-Lock, NI
24	109-5013	1	Panhard Rod ASM
24:2	109-5009	2	Bushing-Suspension, Rubber
24:3	109-5010	2	Spacer
25	109-7952	2	Deck Strut ASM
25:2	109-5009	2	Bushing-Suspension, Rubber
25:3	109-5010	2	Spacer
26	3233-34	1	Screw-CARR
27	86-1990	6	Washer-Thrust
28	325-10	4	Screw-HH
29	325-17	1	Screw-HH
30	3233-26	2	Screw-CARR,Shortneck
31	135-1215	1	Spacer-Pivot
32	325-11	1	Screw-HH
33	32151-91	1	Ring-Retaining

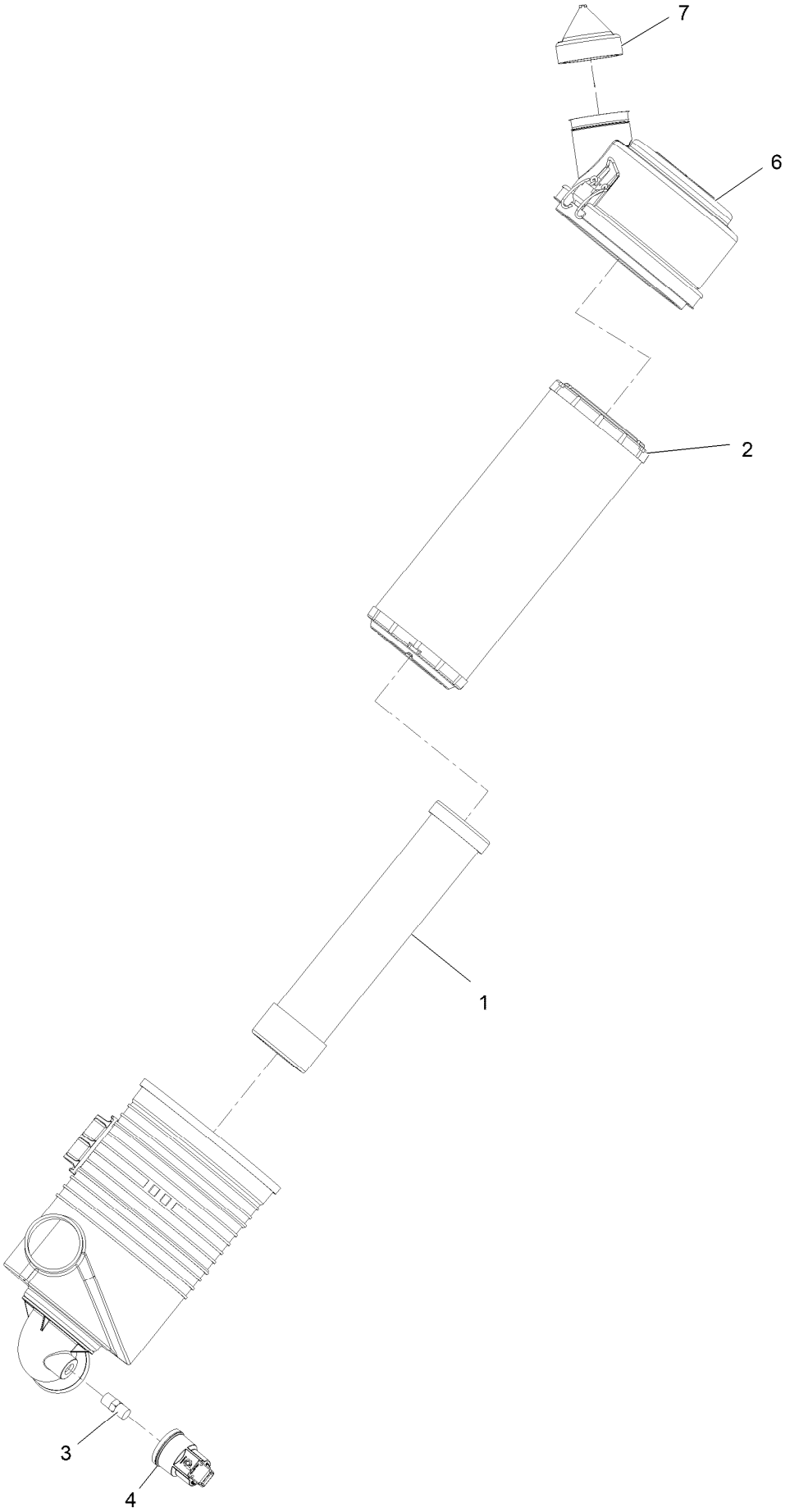
Engine Assembly



Engine Assembly (continued)

Ref.	Part Number	Qty.	Description
1	138-6926	1	Engine-Yanmar, 3Tnv80Ft-Zmtr1
2	126-6531	1	Coupler-Flywheel
3	126-7610-03	1	Bracket-Guide
4	108-3723	1	Grommet
5	126-9282-03	1	Mount-Engine, LH
6	126-9285-03	1	Mount-Engine, RH
7	98-5975	8	Washer-Belleville
8	33115-025	8	Screw-HH
9	3290-475	8	Washer-Belleville
10	126-8730-03	1	Bracket-Cleaner, Air
11	142-3554	1	ASM, Hdac
12	120-9177	1	Hose-Air
13	126-7288	1	Hose-Air
14	139-9940	12	Screw-HH
15	2412-130	4	Clamp-Hose
16	3230-6	4	Bolt-CARR
17	104-8300	4	Nut-HF, NI
18	136-2307	1	Gasket-Header
19	126-9329	1	Header Pipe
20	126-8911	1	Muffler
21	18-2130	1	Clamp
22	142-8456	2	Mount- Isolator, Engine
23	87-5100	2	Washer-Snubbing
24	324-11	2	Screw-HH
25	323-6	4	Screw-HH
26	114-8417	2	Nut-HF, NI
27	104-8301	4	Nut-HF, NI
28	33014-00	4	Nut-Hex
29	126-8786	1	Housing-Flywheel
30	126-8893	2	Pin-Dowel
31	48-9590	7	Washer-Lock
32	33115-090	7	Screw-HH
33	142-8457	2	Mount-Isolator
34	86-1990	2	Washer-Thrust
35	325-15	2	Screw-HH
36	3256-6	2	Washer-Flat
37	99-5107	2	Nut-Lock
90	135-4195	1	V-Belt

HDAC Assembly No. 142-3554

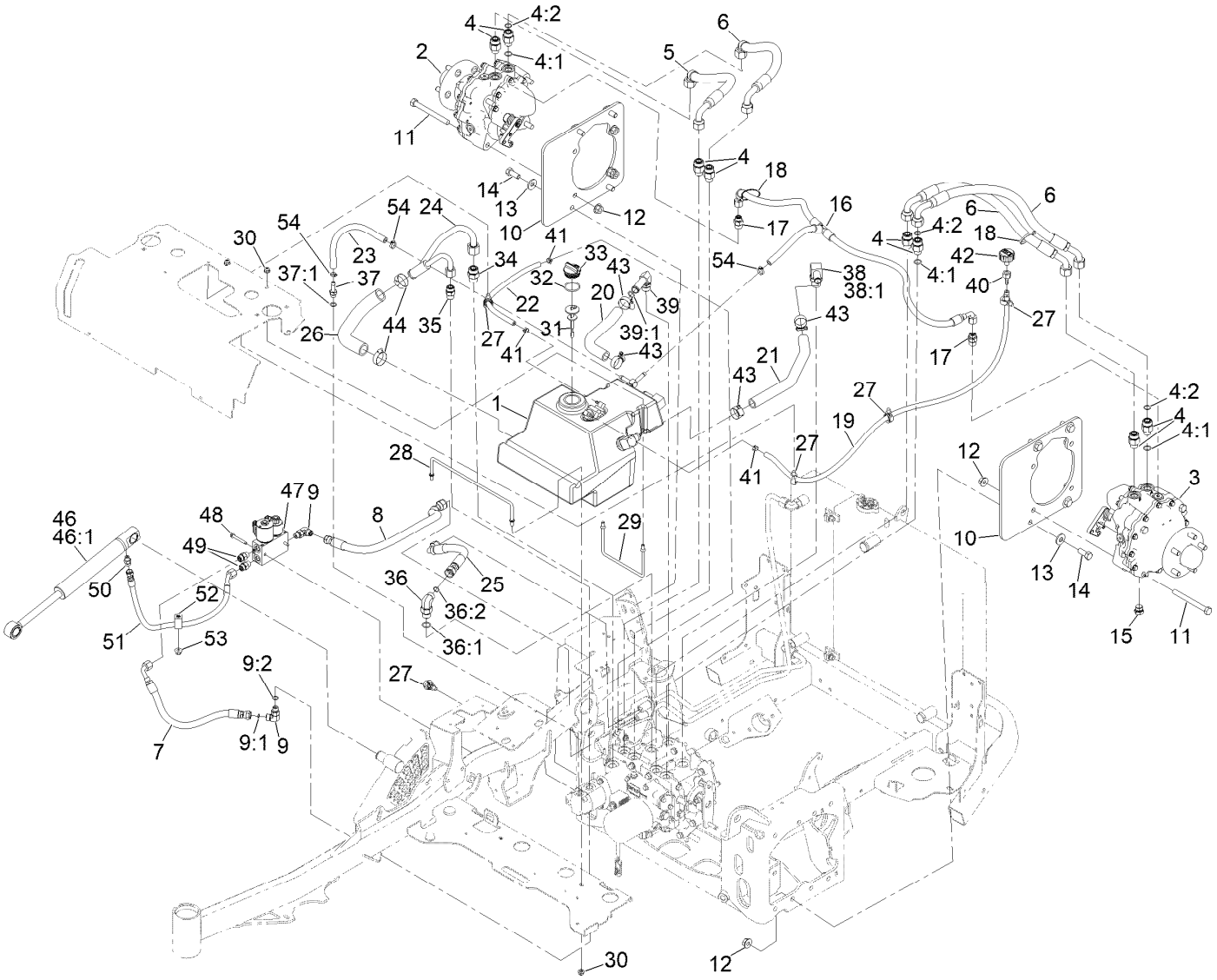


HDAC Assembly No. 142-3554 (continued)

Ref.	Part Number	Qty.	Description
1	103-1326	1	Filter, Safety Air
2	108-3810	1	Filter-Air
3	94-1416	1	Adapter-Indicator
4	126-7651	1	Indicator-Mini
6	98-9771	1	Cover ASM
7	AUA189052	1	Valve-Dust-Air Cleaner

Hydraulic Assembly

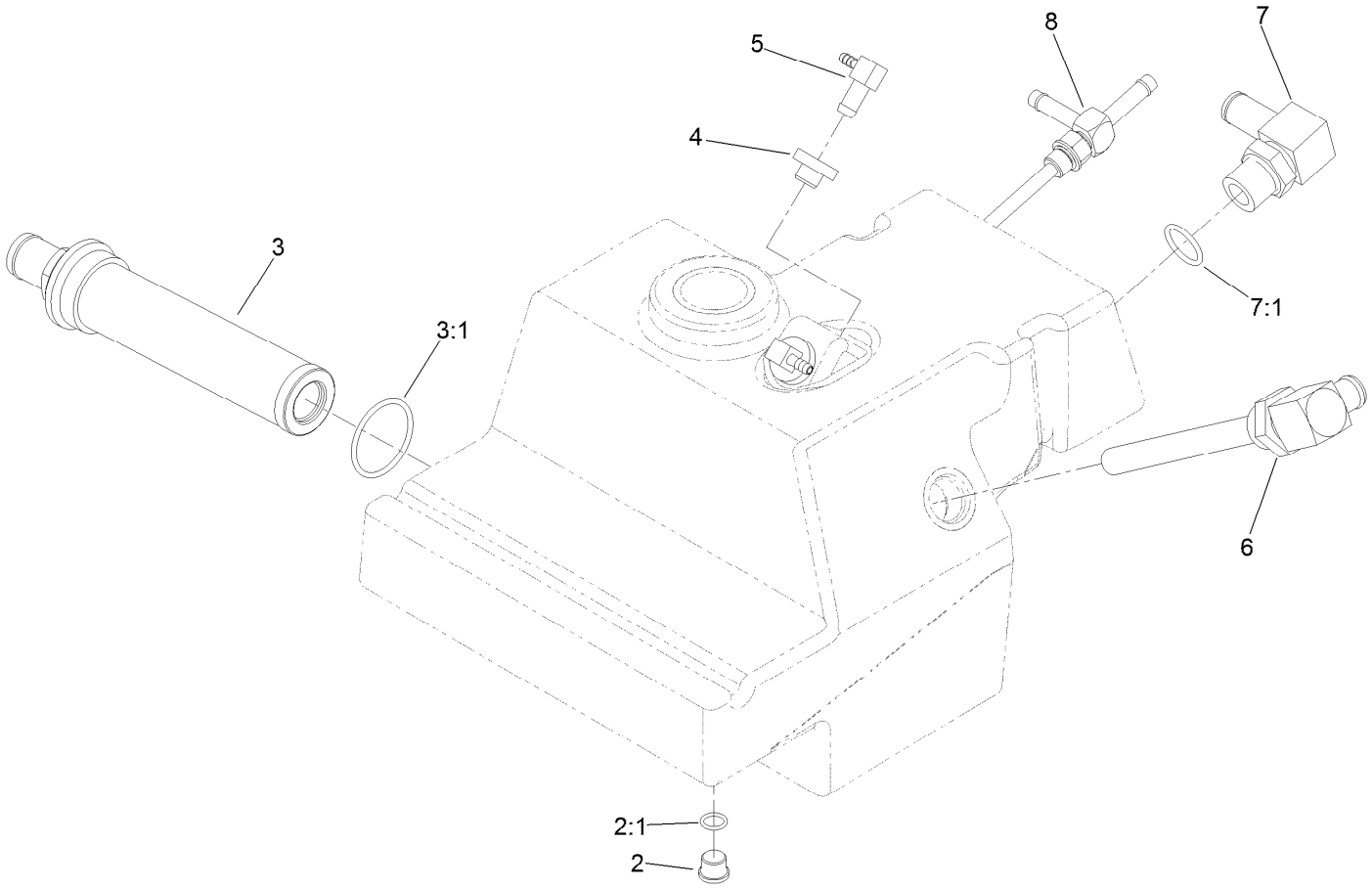
17	34	35	49	50
17:1 17:2	34:2 34:1	35:1 35:2	49:1 49:2	50:2 50:1



Hydraulic Assembly (continued)

Ref.	Part Number	Qty.	Description
1	142-5034	1	HYD Reservoir ASM
2	126-8133	1	Motor-HYD, RH
3	126-8134	1	Motor-HYD, LH
4	340-155	8	Fitting-Straight
4:1	237-79	1	O-Ring
4:2	237-151	1	O-Ring
5	126-8686	1	Hose ASM, HYD
6	126-8687	3	Hose ASM, HYD
7	126-8684	1	Hose ASM
8	126-8685	1	Hose ASM
9	340-77	2	Fitting-Elbow, 90 DEG
9:1	237-22	1	O-Ring
9:2	237-42	1	O-Ring
10	126-7469-03	2	Plate-Motor
11	325-19	8	Screw-HH
12	32128-49	16	Nut-HHF
13	1-513435	8	Washer-Spring
14	325-6	8	Screw-HH
15	142-2435	2	Plug-Magnetic
16	135-3731	1	Tee Hose ASM
17	340-3	2	Fitting-Straight
17:1	237-22	1	O-Ring
17:2	237-79	1	O-Ring
18	3290-378	2	Tie-Cable
19	126-6776	1	Hose-Fuel
20	126-6767	1	Hose-Return
21	126-6768	1	Hose-Return
22	126-6778	1	Hose-Fuel
23	126-6766	1	Hose
24	126-8688	1	Tube ASM
25	126-8682	1	Hose ASM
26	126-6774	1	Hose-Suction
27	32180-030	5	Clip-Tie
28	126-7547	1	Rod-Support, HYD Tank
29	126-7546	1	Rod-Support, HYD Tank
30	104-8300	4	Nut-HF, NI
31	112-6365	1	Dipstick
32	94-8166	1	O-Ring
33	93-7498	1	Plug-Plastic
34	340-7	1	Fitting-Straight
34:1	237-65	1	O-Ring
34:2	237-80	1	O-Ring
35	340-4	1	Fitting-Straight
35:1	237-30	1	O-Ring
35:2	237-79	1	O-Ring
36	340-105	1	Fitting-Elbow, 90 DEG
36:1	237-80	1	O-Ring
36:2	237-30	1	O-Ring
37	103-1912	1	Adapter-Straight
37:1	237-42	1	O-Ring
38	353-987	1	Fitting-Elbow, 90
38:1	237-81	1	O-Ring
39	87-8170	1	Fitting-90
39:1	237-80	1	O-Ring
40	354-95	1	Fitting-Straight
41	2412-98	4	Clamp-Hose
42	68-6150	1	Breather
43	2412-129	4	Clamp-Hose
44	2412-34	2	Clamp-Hose
46	126-7841	1	Lift Cylinder ASM
46:1	142-2767	1	Kit, CYL Repair
47	131-1934	1	Deck Lift Valve ASM
48	321-18	2	Screw-HH
49	340-2	2	Fitting-Straight
49:1	237-22	1	O-Ring
49:2	237-42	1	O-Ring
50	126-8692	1	Fitting-HYD, Straight
50:1	237-78	1	O-Ring
50:2	237-21	1	O-Ring
51	126-8683	1	Hose ASM
52	1-633396	1	Clip-Loom
53	104-8301	1	Nut-HF, NI
54	135-7984	3	Clamp-Hose

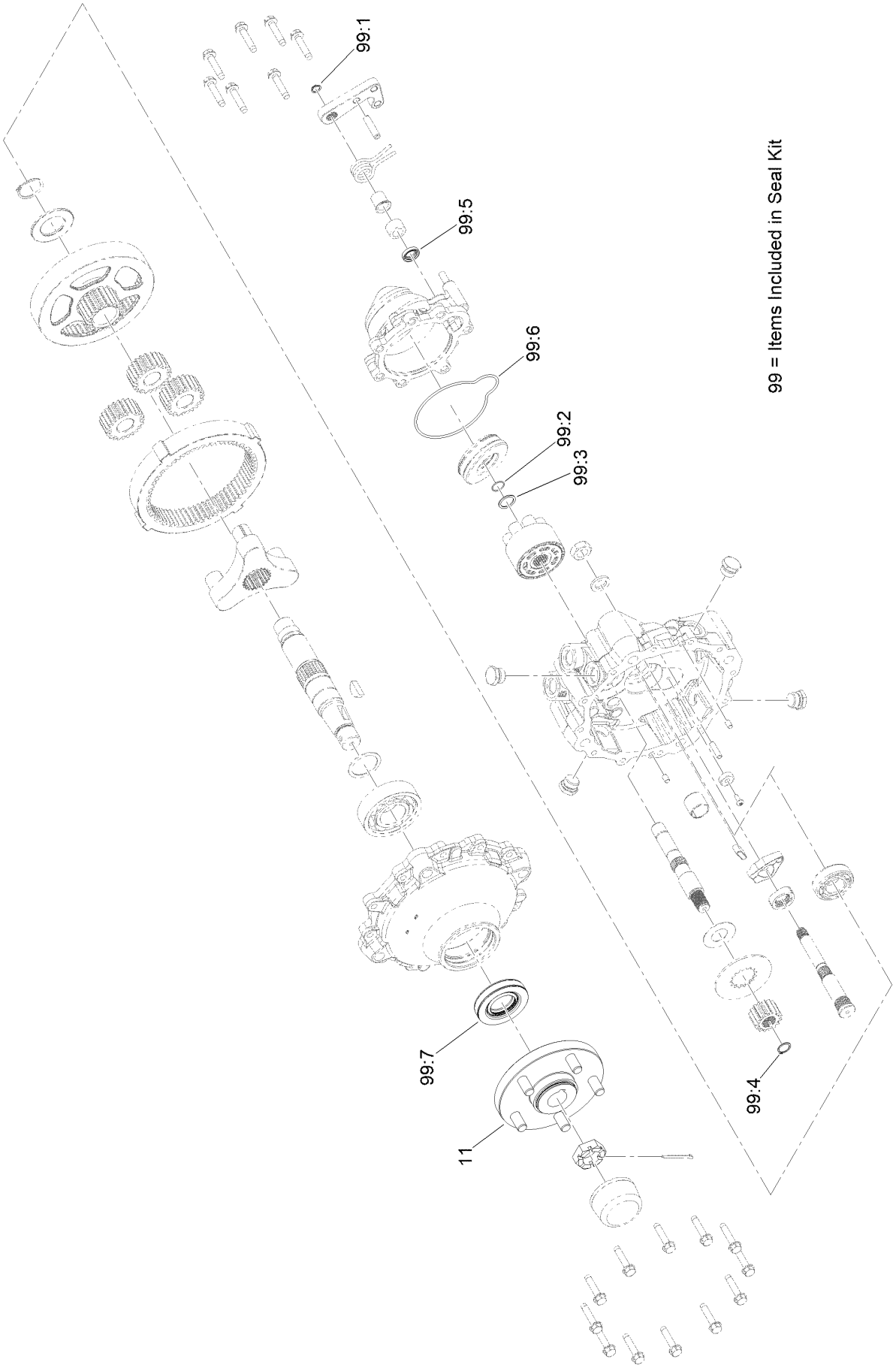
Hydraulic Reservoir Assembly No. 142-5034



Hydraulic Reservoir Assembly No. 142-5034 (continued)

Ref.	Part Number	Qty.	Description
2	353-989	1	Plug-Hex, Hollow
2:1	237-42	1	O-Ring
3	104-7546	1	Tank Strainer ASM
3:1	340-136	1	O-Ring
4	46-6560	2	Bushing
5	104-5228	2	Fitting-Elbow, 90 DEG
6	126-6782	1	Fitting-Standpipe
7	353-987	1	Fitting-Elbow, 90
7:1	237-81	1	O-Ring
8	135-3740	1	Fitting-Tee, Drop Tube

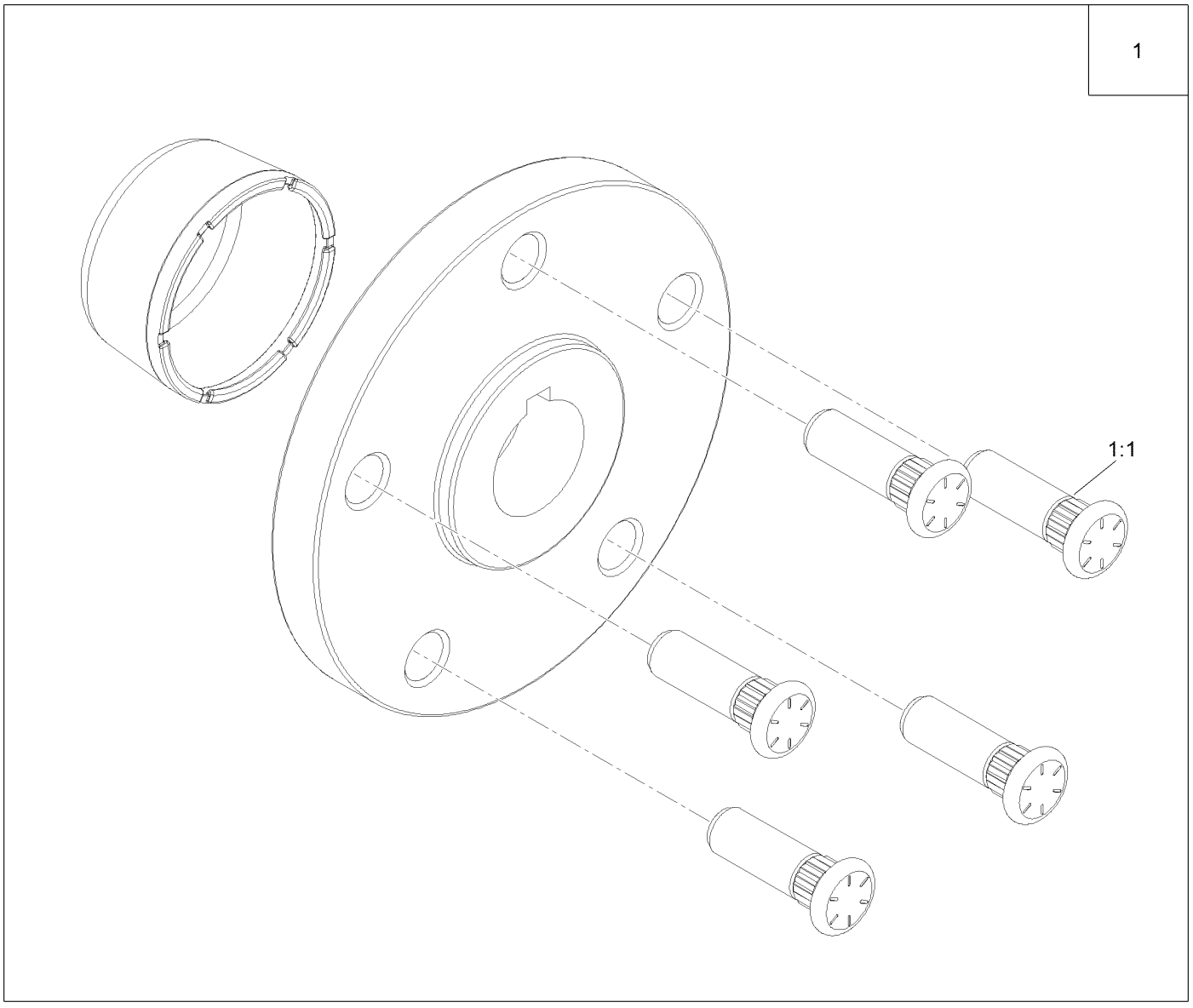
RH Hydraulic Motor Assembly No. 126-8133



RH Hydraulic Motor Assembly No. 126-8133 (continued)

Ref.	Part Number	Qty.	Description
11	135-5333	1	5 Stud Wheel Hub Kit
99	126-0315	1	Seal Kit
99:1	161-0915	1	Retainer Ring
99:2	104-5307	1	Ring-Retaining
99:3	161-0916	1	Washer
99:4	104-5340	1	Ring-Retaining
99:5	145-3637	1	Seal, Brake
99:6	161-0917	1	O-Ring, Round
99:7	161-0942	1	Seal, Axle

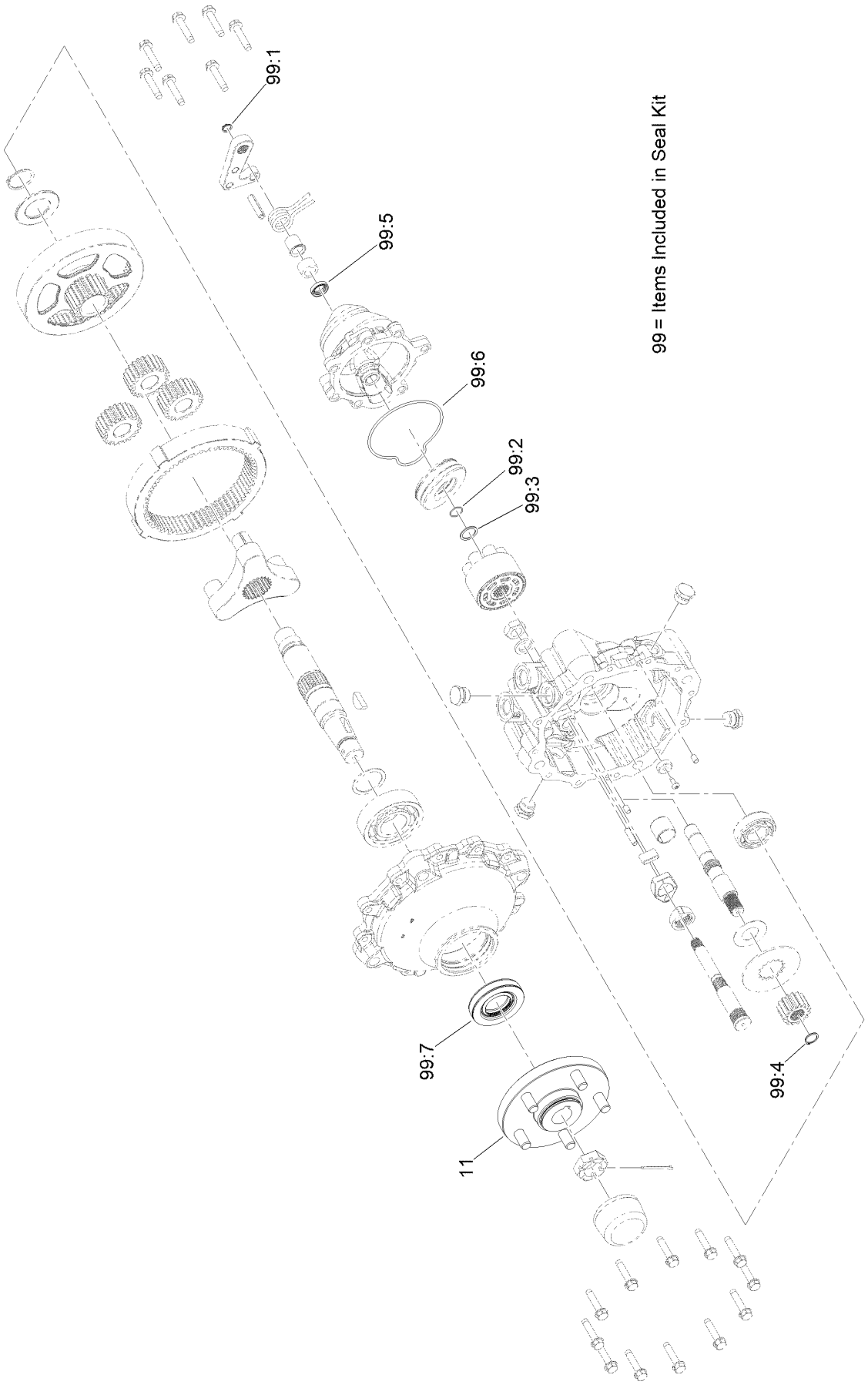
5 Stud Wheel Hub Kit Assembly No. 135-5333



5 Stud Wheel Hub Kit Assembly No. 135-5333 (continued)

Ref.	*Part Number*	*Qty.*	*Description*
1	135-5332	1	Wheel Hub ASM
1:1	135-7526	5	Stud-Wheel

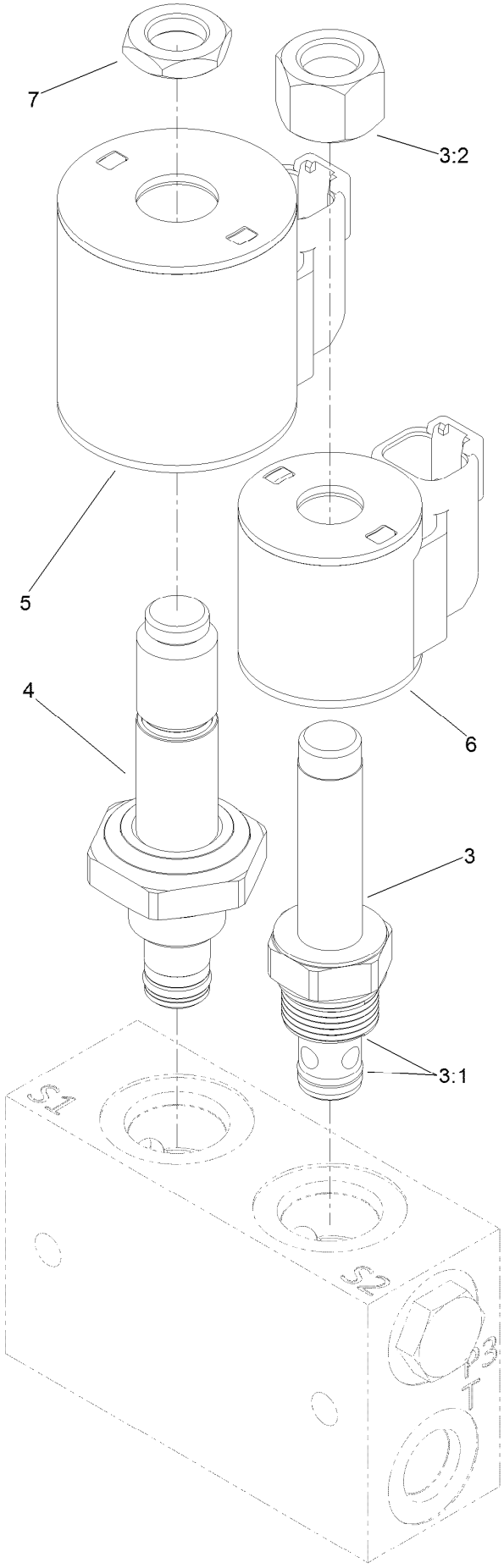
LH Hydraulic Motor Assembly No. 126-8134



LH Hydraulic Motor Assembly No. 126-8134 (continued)

Ref.	Part Number	Qty.	Description
11	135-5333	1	5 Stud Wheel Hub Kit
99	126-0315	1	Seal Kit
99:1	161-0915	1	Retainer Ring
99:2	104-5307	1	Ring-Retaining
99:3	161-0916	1	Washer
99:4	104-5340	1	Ring-Retaining
99:5	145-3637	1	Seal, Brake
99:6	161-0917	1	O-Ring, Round
99:7	161-0942	1	Seal, Axle

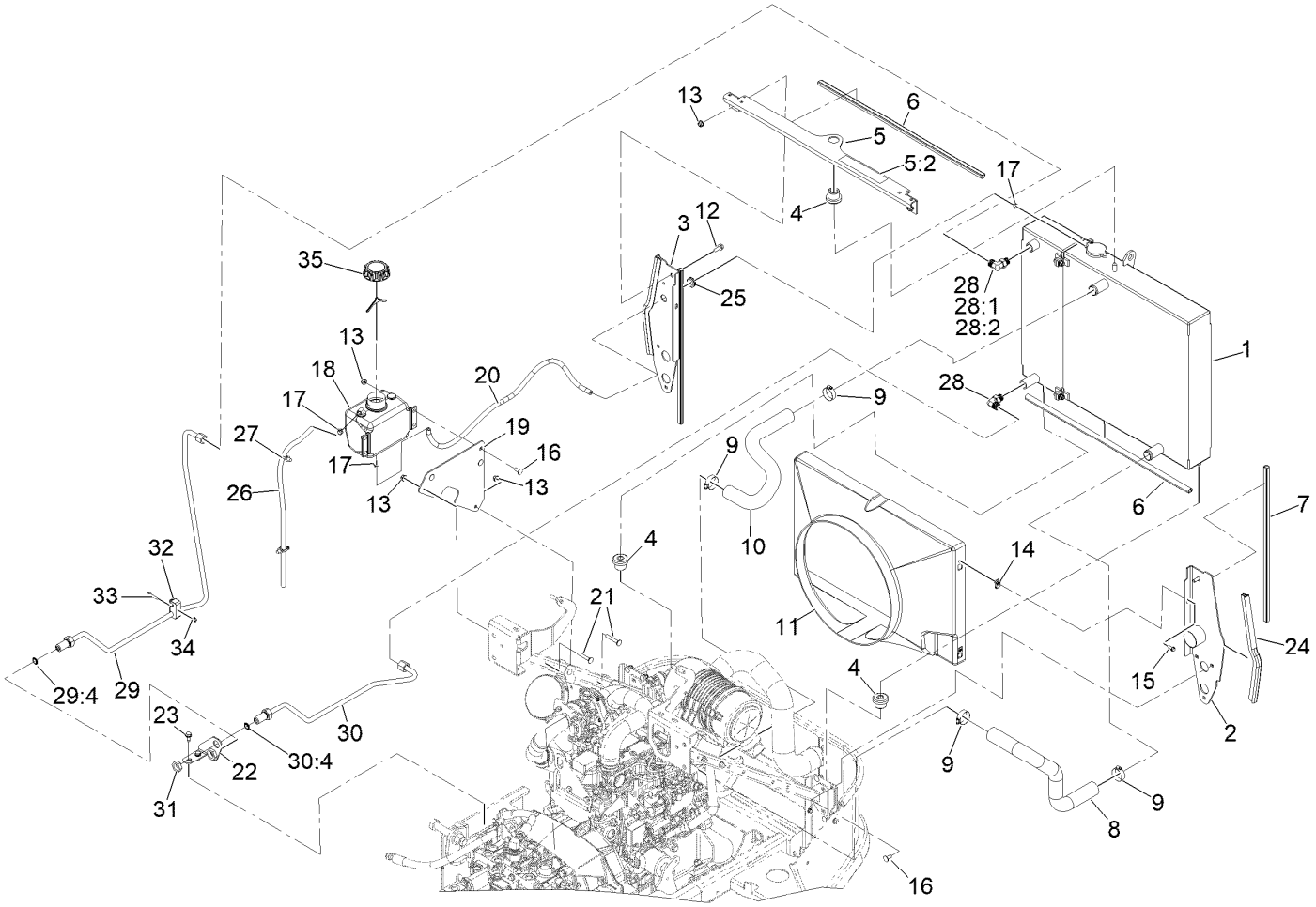
Deck Lift Valve Assembly No. 131-1934



Deck Lift Valve Assembly No. 131-1934 (continued)

Ref.	Part Number	Qty.	Description
3	107-7517	1	Valve-Solenoid
3:1	105-9156	1	Seal Kit
3:2	107-7812	1	Nut-Solenoid
4	131-1935	1	Valve-Solenoid
5	115-3021	1	Coil-12V
6	119-8036	1	Coil
7	110-2634	1	Nut-Coil

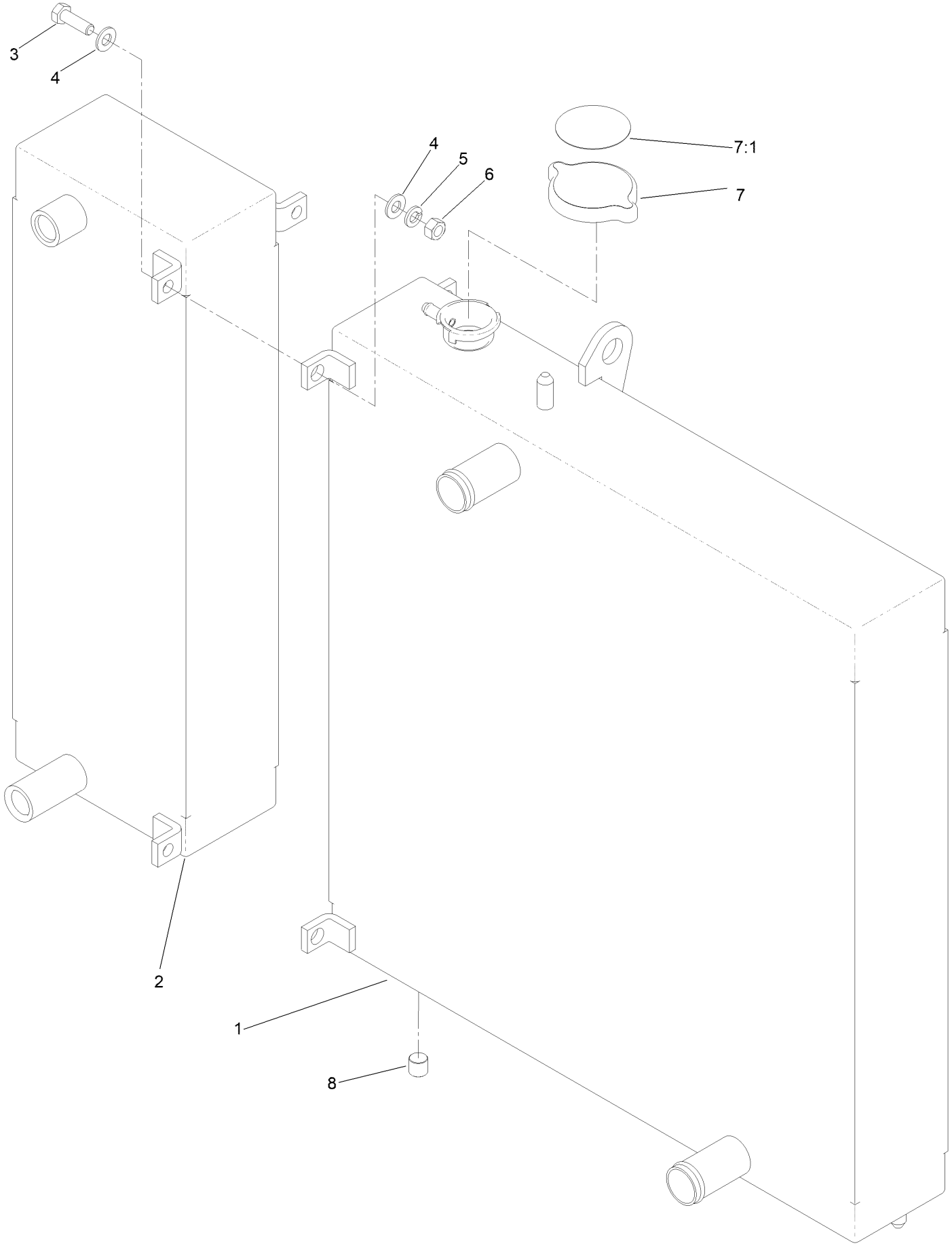
Cooling Assembly



Cooling Assembly (continued)

Ref.	Part Number	Qty.	Description
1	121-3330	1	Cooling ASM
2	126-9026-03	1	Support-Radiator, LH
3	126-9028-03	1	Support-Radiator, RH
4	119-1422	3	Mount-Isolator
5	146-5049	1	Bracket-Top Cooling
5:2	93-7272	1	Decal-Warning
6	119-1427	2	Seal-Bulb
7	119-1426	2	Seal-Bulb
8	126-7787	1	Hose-Radiator, Lower
9	2412-34	4	Clamp-Hose
10	126-7788	1	Hose-Radiator, Upper
11	126-6720	1	Shroud-Fan
12	3234-29	2	Screw-HHF
13	104-8300	13	Nut-HF, NI
14	107069	4	Clip
15	32105-15	4	Screw-HWH
16	3230-23	9	Bolt-CARR
17	2412-98	3	Clamp-Hose
18	135-4692	1	Tank-Overflow, W/Cap
19	126-9178-03	1	Bracket-Bottle
20	109-0284	1	Hose-Fuel
21	3230-6	2	Bolt-CARR
22	126-6781-03	1	Bracket-Bulkhead
23	32144-70	2	Screw-HWHTF
24	126-6847	2	Seal-Bulb
25	237-124	1	Grommet
26	110-4103	1	Hose-Fuel
27	32180-030	2	Clip-Tie
28	340-98	2	Fitting-Elbow, 90 DEG
28:1	237-79	1	O-Ring
28:2	237-30	1	O-Ring
29	126-8690	1	Hydraulic Tube ASM
29:4	237-30	1	O-Ring
30	126-8691	1	Hydraulic Tube ASM
30:4	237-30	1	O-Ring
31	340-127	2	Nut-Bulkhead
32	135-0641	1	Clamp-Twin
33	321-13	1	Screw-HH
34	104-7201	1	Nut-HF, NI
35	135-4693	1	Cap-W/Tether

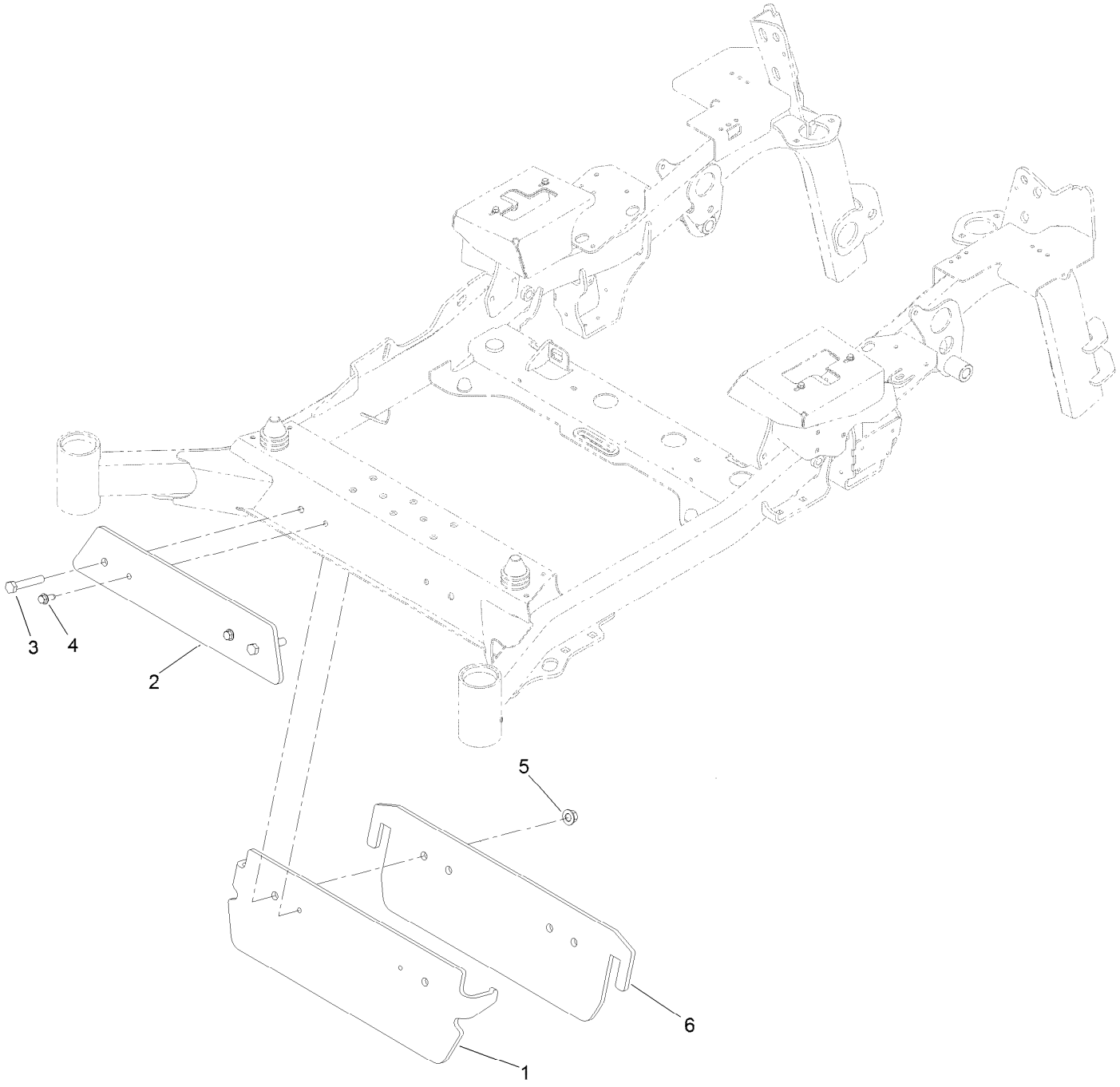
Cooling Assembly No. 121-3330



Cooling Assembly No. 121-3330 (continued)

Ref.	Part Number	Qty.	Description
1	121-3328	1	Radiator
2	121-3329	1	Oil Cooler
3	322-5	3	Screw-HH
4	3256-23	6	Washer-Plain
5	3253-4	3	Washer-Lock
6	3217-6	3	Nut-Hex
7	117-5138	1	Cap-Radiator
7:1	117-3276	1	Decal-Danger
8	99-8551	1	Plug-Pipe

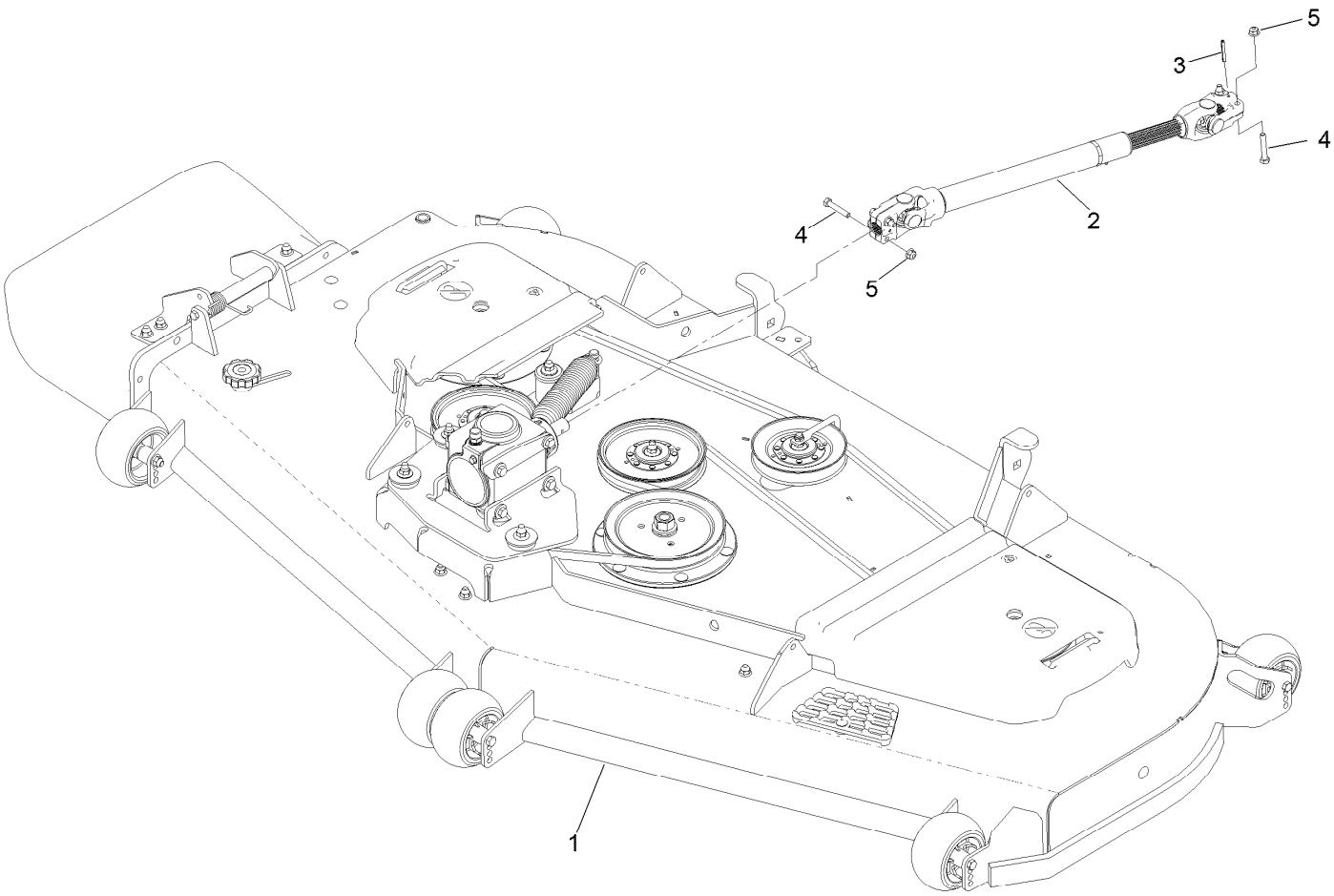
Weight Assembly



Weight Assembly (continued)

Ref.	Part Number	Qty.	Description
1	135-0968-01	1	Bracket-Weight
2	135-0960-01	1	Weight-Outer
3	115-4845	2	Screw-HH, TAP
4	126-1696	2	Screw-HWHTF
5	99-5107	2	Nut-Lock
6	135-0961-01	1	Weight-Inner

Deck and Driveshaft Assembly

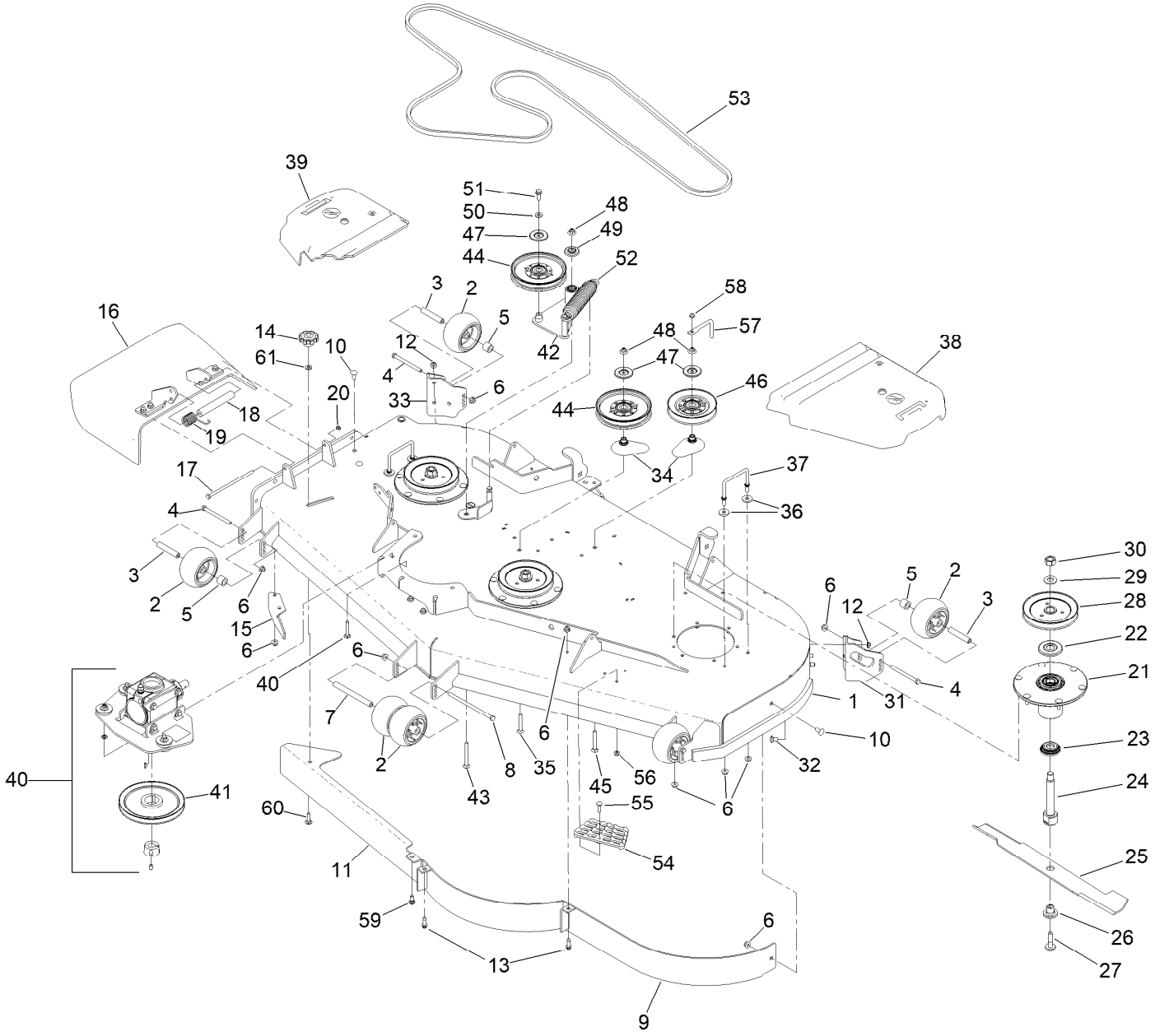


Deck and Driveshaft Assembly (continued)

Ref.	Part Number	Qty.	Description
1		1	Deck ASM-72Tf●
2	110-3575	1	Driveshaft ASM
3	32121-34	2	Pin-Roll
4	322-9	4	Screw-HH
5	104-8300	4	Nut-HF, NI

● Not serviced separately

Deck Assembly

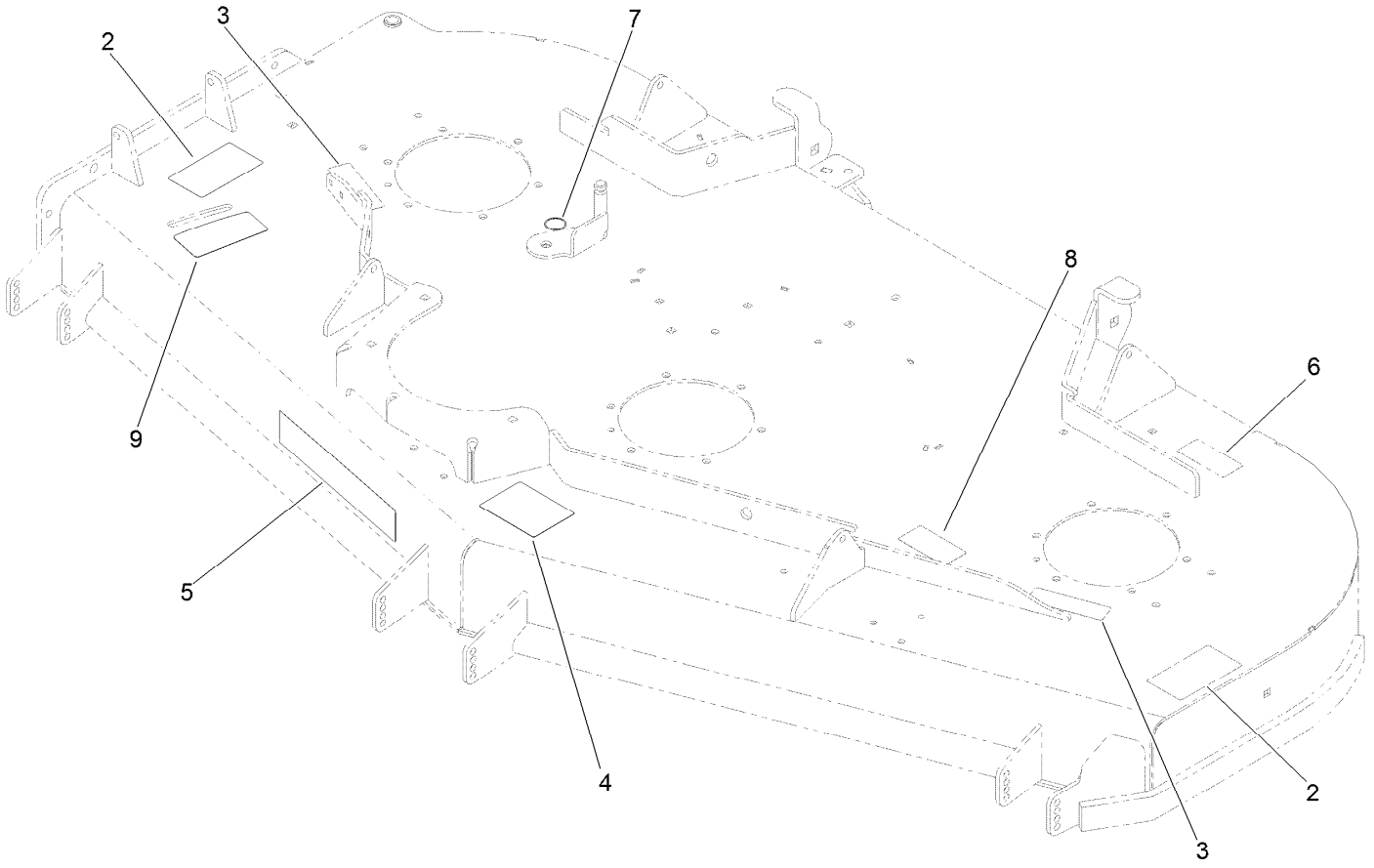


Deck Assembly (continued)

Ref.	Part Number	Qty.	Description
1	140-0960	1	Deck Decal ASM
2	1-603299	6	Roller-Scalp, Anti
3	98-7912	4	Tube-Spanner
4	323-23	4	Screw-HH
5	98-7913	4	Tube-Spacer
6	104-8301	33	Nut-HF, NI
7	98-5967	1	Spacer-Wheel
8	108-5388	1	Screw-HH
9	114-5843-01	1	Baffle
10	3231-27	3	Screw-CARR
11	138-6051-01	1	Plate-Baffle
12	3290-357	6	Nut-HSF
13	92-1624	2	Screw-HWH Thd Form
14	109-1092	1	Knob
15	106-3216-01	1	Baffle-Discharge
16	108-2792	1	Rubber Deflector ASM
17	322-50	1	Screw-HH
18	105-4622	1	Spacer
19	108-4052	1	Spring-Torsion
20	3296-47	1	Nut-Lock,NI
21	137-9780	3	Spindle ASM
22	103-1330	3	Guard-Bearing, Top
23	137-9784	3	Guard-Bottom
24	138-6045	3	Shaft-Spindle
25	140-1238	3	Blade
26	137-9787	3	Bushing-Hex
27	109-9220	3	Screw-Sems
28	138-6058	3	Sheave-Blade Drive 6.50
29	103-2802	3	Washer
30	116-7306	3	Nut-Hex
31	106-7354-01	1	Mount-Wheel, LH
32	3231-1	6	Screw-CARR
33	106-7355-01	1	Mount-Wheel, RH
34	109-2872	2	Spacer-Pulley
35	3231-44	1	Screw-CARR
36	1-373034	4	Washer
37	109-6982	2	Wireform-Cover
38	109-6938	1	Cover-Belt, LH
39	126-3527	1	Shield-Belt
40		1	Gearbox ASM ●
41	107-4767	1	Pulley
42	126-2585	1	Idler Arm ASM
43	116-1502	1	Bolt-Shoulder, Carriage
44	126-7685	2	Idler-Pulley
45	3231-9	1	Screw-CARR
46	126-8766	1	Idler V
47	126-8043	3	Shield-Dust
48	109-6658	3	Nut-Flange, NI
49	103-2916	1	Guard-Top
50	43-0940	1	Spacer
51	3234-11	1	Screw-HHF
52	116-6317	1	Spring-Extension
53	126-6856	1	Belt-V
54	126-4781-03	1	Step-Deck
55	3230-3	1	Screw-CARR
56	104-8300	1	Nut-HF, NI
57	135-0362	1	Guide-Belt
58	3296-59	1	Nut-Lock, NI
59	94-7582	1	Bolt-Shoulder
60	3231-25	1	Bolt-CARR
61	100-4852	1	Washer-Hardened

● Not serviced separately

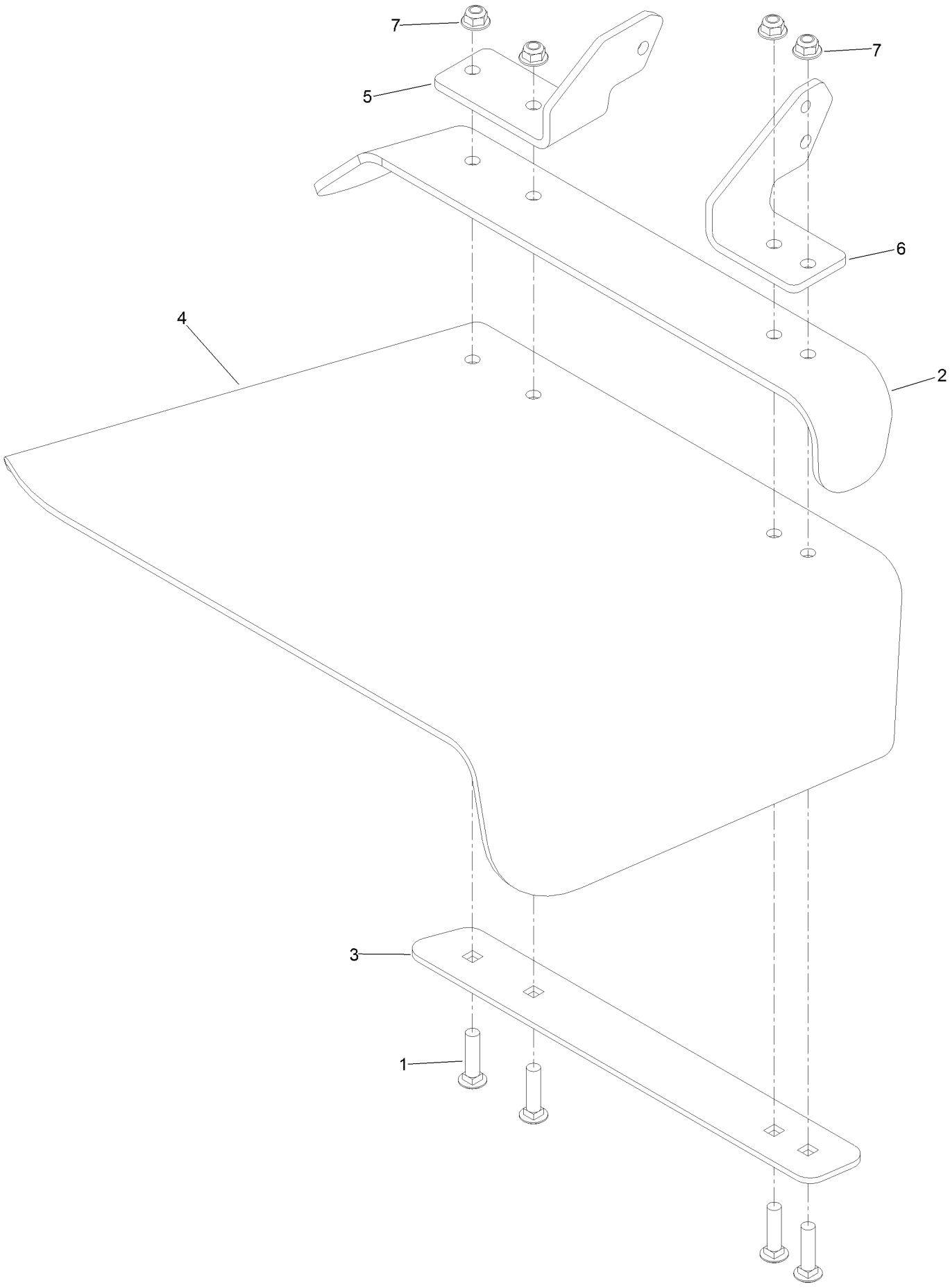
Deck Decal Assembly No. 140-0960



Deck Decal Assembly No. 140-0960 (continued)

Ref.	Part Number	Qty.	Description
2	126-6464	2	Decal-Danger Thrown Objects
3	112-9028	2	Decal-Cover, Missing
4	127-0326	1	Decal-Scalp, Anti
5	107-1620	1	Decal
6	116-8283	1	Decal-Torque, Bolt
7	58-6520	1	Decal-Grease
8	126-9276	1	Decal-Belt Routing
9	131-1180	1	Decal-Adjustment, Baffle

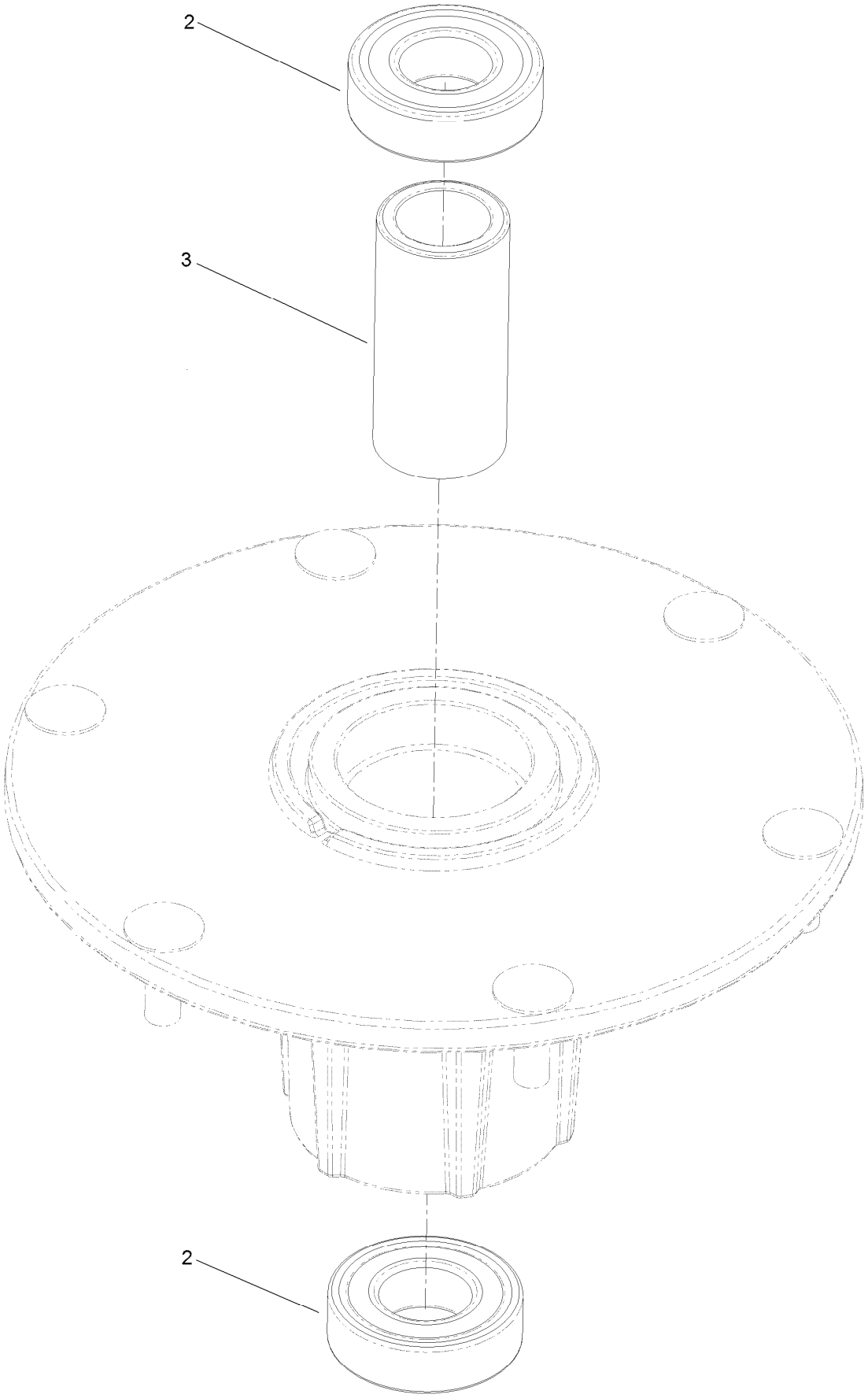
Rubber Deflector Assembly No. 108-2792



Rubber Deflector Assembly No. 108-2792 (continued)

Ref.	Part Number	Qty.	Description
1	3231-4	4	Screw-CARR
2	106-3246-01	1	Deflector
3	106-3248-03	1	Strap-Discharge
4	108-5029	1	Deflector-Rubber
5	108-4059-01	1	Plate-Hinge, Rear
6	106-3253-01	1	Plate-Hinge, Front
7	104-8301	4	Nut-HF, NI

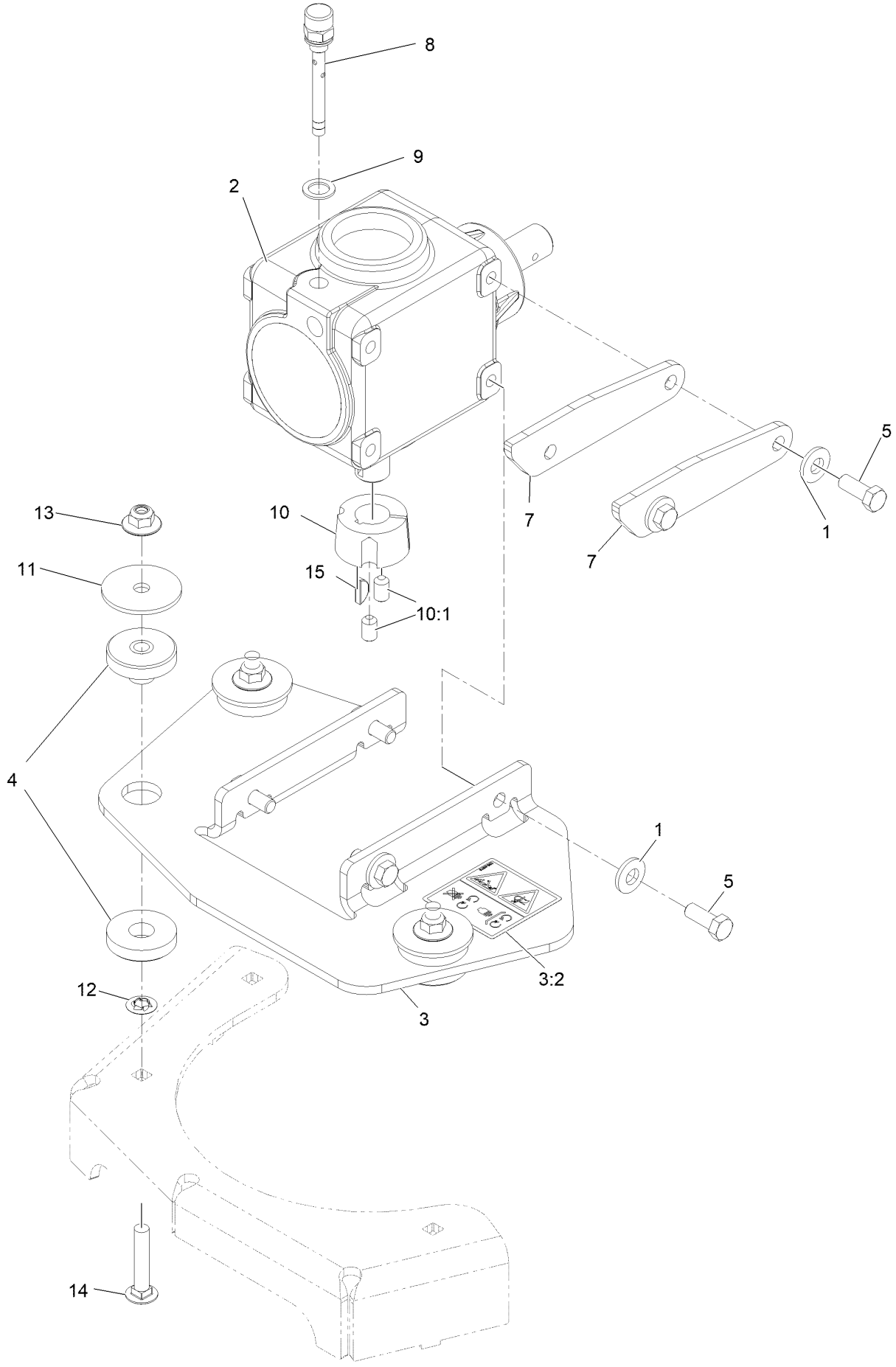
Spindle Assembly No. 137-9780



Spindle Assembly No. 137-9780 (continued)

Ref.	Part Number	Qty.	Description
2	116-0720	2	Bearing-Ball
3	138-6042	1	Spacer-Bearing

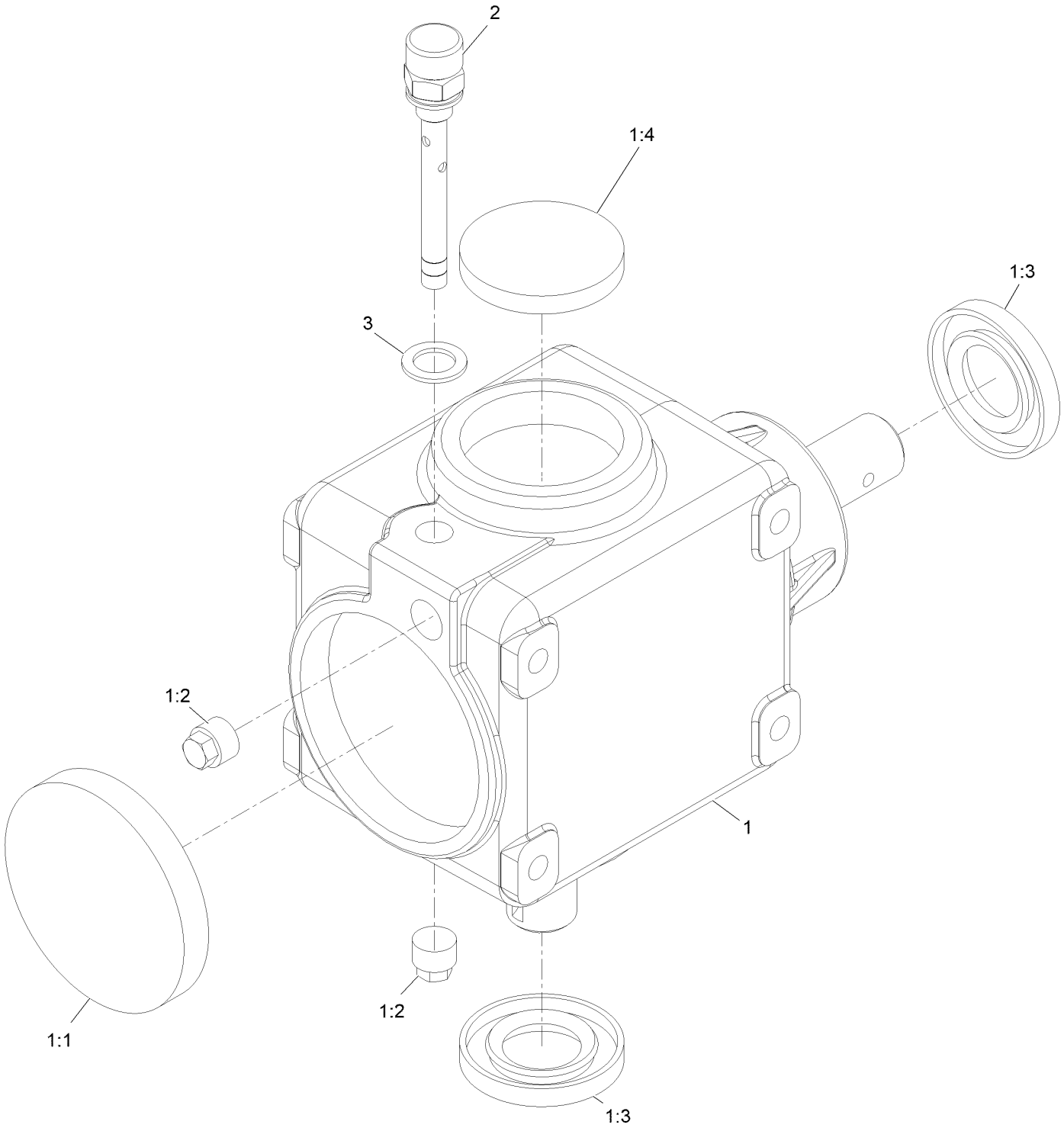
Gearbox Assembly



Gearbox Assembly (continued)

Ref.	Part Number	Qty.	Description
1	98-5975	6	Washer-Spring Disc 3/8
2	142-8061	1	Gearbox ASM
3	135-0874	1	Mount-Gearbox
3:2	135-0679	1	Decal-Hazard, Entanglement
4	126-3074	3	Mount-ISO
5	323-6	6	Screw-HH 3/8-16 X 1
7	126-3544	2	Stop-Gearbox
8	130-8661	1	Plug-Breather
9	130-4899	1	Washer
10	23-1640	1	Bushing-Taperlock
10:1	3247-4	2	Setscrew-HSH 3/8-16 X 5/8
11	83-1040	3	Washer
12	107-3154	3	Nut-Push 3/8-16
13	109-6658	3	Nut-Nyloc 3/8-16 Flg
14	3231-6	3	Bolt-Carriage 3/8-16 X 2
15	3257-5	1	Key-Woodruff #9 3/4 X 3/16

Gearbox Assembly No. 142-8061

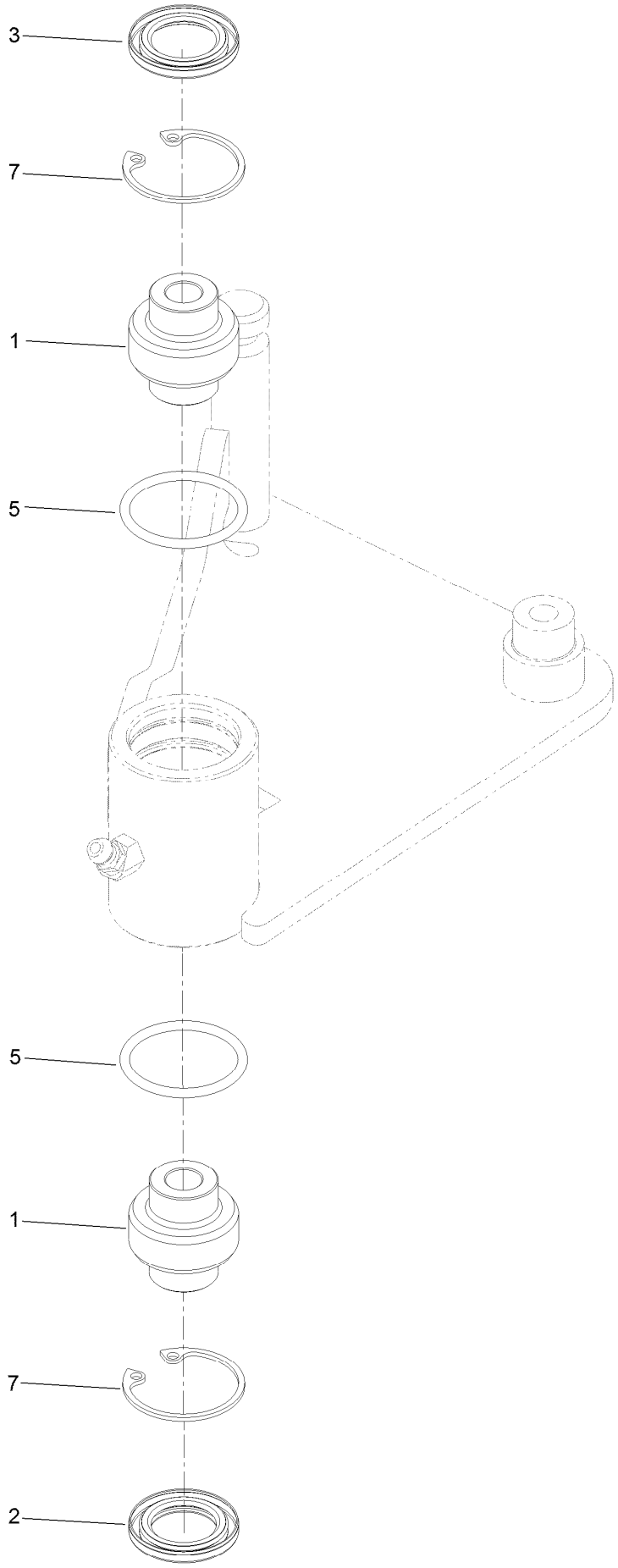


Gearbox Assembly No. 142-8061 (continued)

Ref.	Part Number	Qty.	Description
1		1	Gearbox ASM-90 DEG ●
1:1	107-2932	1	Cap-Oil
1:2	107-2933	2	Plug
1:3	117-9247	2	Seal
1:4	107-2935	1	Cap-Oil
2	130-8661	1	Plug-Breather
3	130-4899	1	Washer

● Not serviced separately

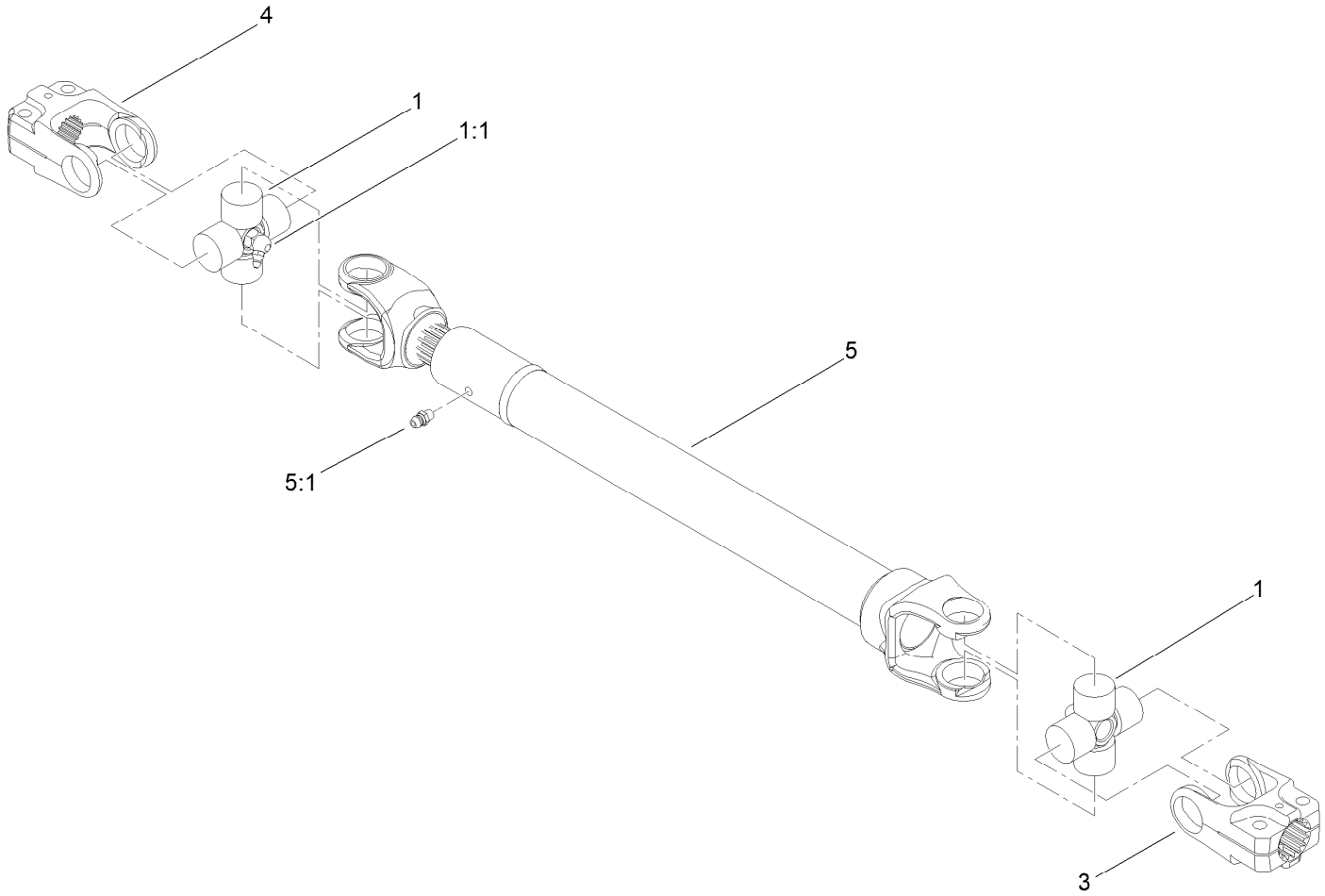
Idler Arm Assembly No. 126-2585



Idler Arm Assembly No. 126-2585 (continued)

Ref.	Part Number	Qty.	Description
1	103-3504	2	Bearing-Spherical
2	103-3505	1	Seal-Lip, Double
3	103-3506	1	Seal-Lip, Single
5	106-7159	2	O-Ring
7	32120-10	2	Ring-Snap

Driveshaft Assembly No. 110-3575

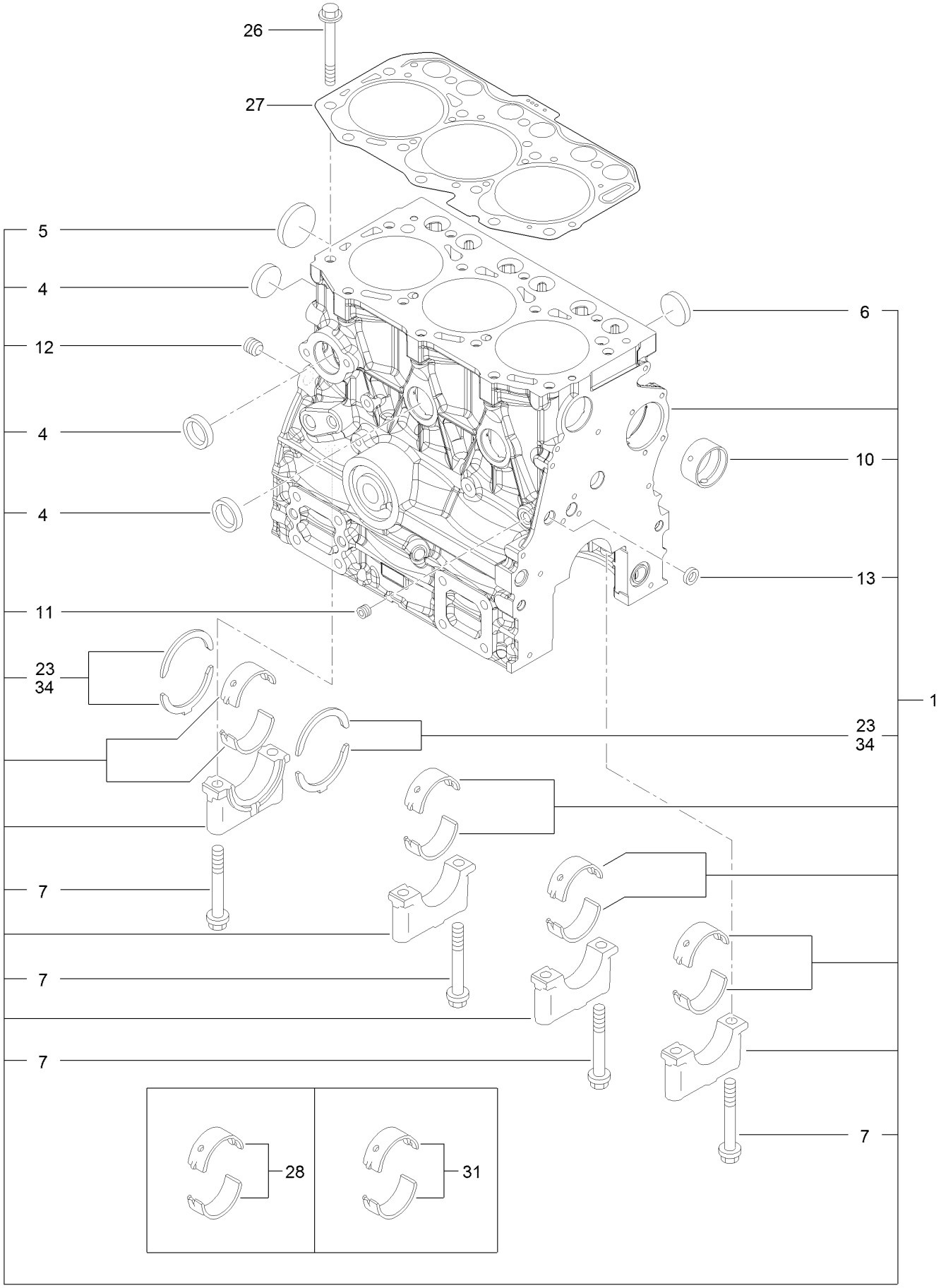


Driveshaft Assembly No. 110-3575 (continued)

Ref.	Part Number	Qty.	Description
1	112-1687	2	Cross And Bearing Kit
1:1	62-3820	1	Fitting-Grease
3	54-9040	1	Yoke-End
4	54-9090	1	Yoke-End
5		1	Tube-Yoke, Slip ●
5:1	302-22	1	Fitting-Grease

● Not serviced separately

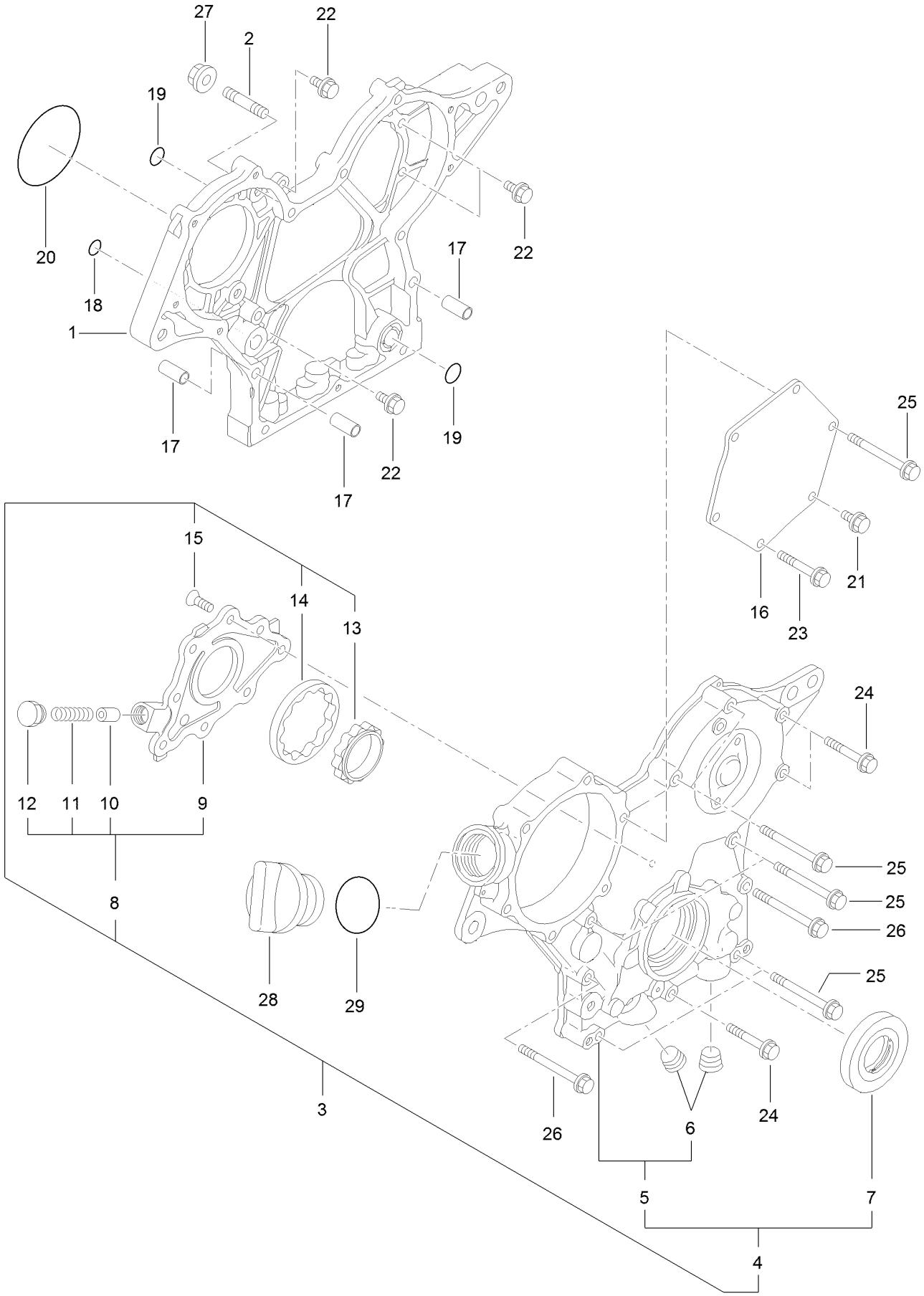
Cylinder Block Assembly



Cylinder Block Assembly (continued)

Ref.	Part Number	Qty.	Description
1	135-4030	1	Cylinder Block ASM
4	135-4031	4	Plug-Cup
5	135-4032	1	Plug-Dish
6	135-4033	3	Plug-Cup
7	135-4034	8	Bolt-Cap
10	135-4035	1	Bushing-Camshaft
11	125-6969	1	Plug
12	125-6973	1	Plug
13	125-7237	1	Plug
23	135-4036	2	Thrust Bearing ASM
26	135-4037	14	Bolt-Head, Cylinder
27	135-4038	1	Head Gasket Set
28	135-4039	4	Main Bearing ASM
31	135-4040	4	Main Bearing ASM
34	135-4041	2	Bearing-Thrust

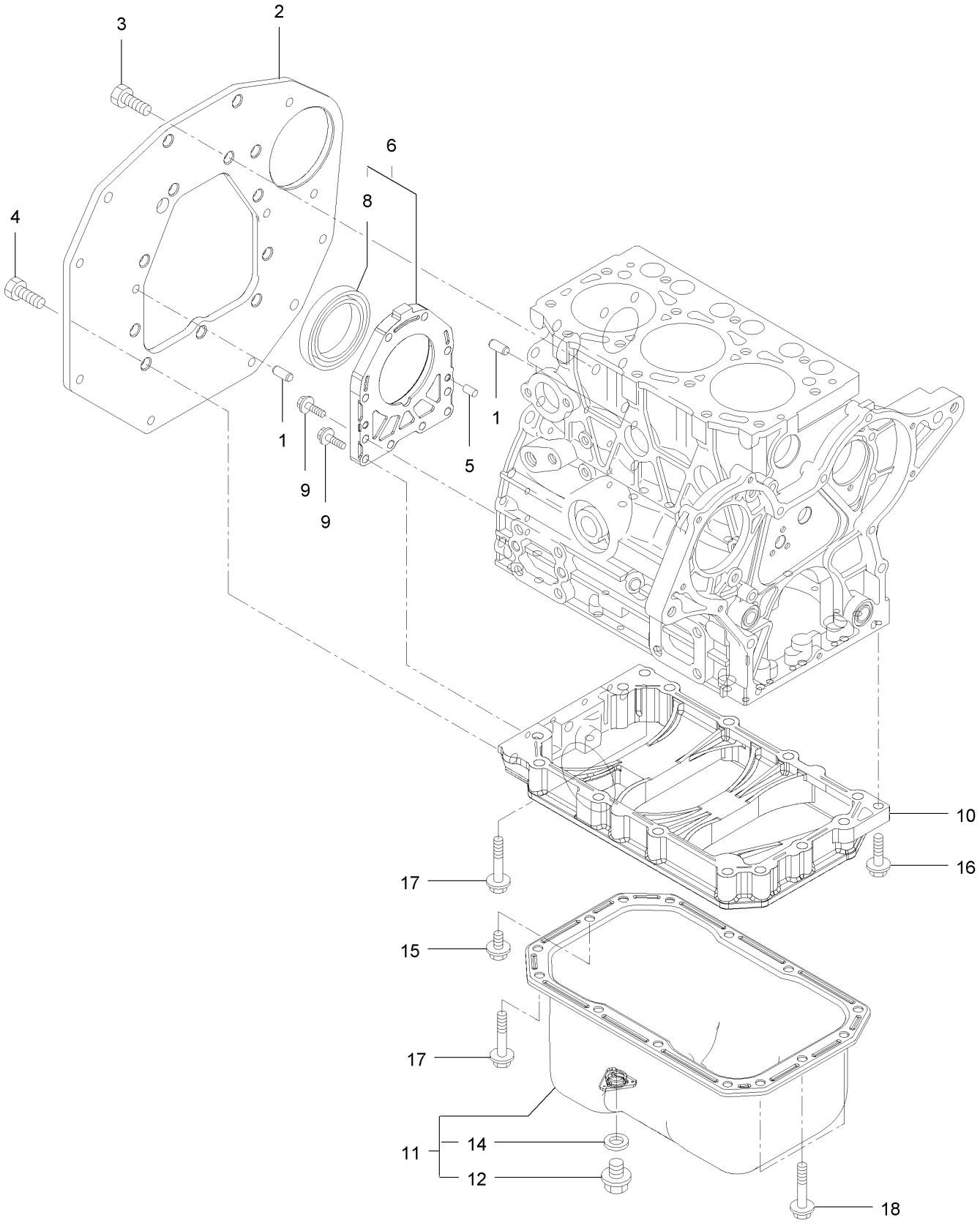
Gear Housing Assembly



Gear Housing Assembly (continued)

Ref.	Part Number	Qty.	Description
1	135-4042	1	Case-Gear
2	135-4043	3	Bolt-Stud
3	135-4044	1	Gear Case Cover ASM
4	135-4045	1	Gear Case Cover ASM
5	135-4046	1	Cover-Case, Gear
6	133-6798	2	Plug
7	135-4047	1	Seal-Oil
8	135-4048	1	Cover ASM
9	135-4049	1	Cover-Pump
10	135-4050	1	Valve-Relief
11	135-4051	1	Spring
12	135-4052	1	Plug
13	135-4053	1	Rotor-Inner
14	135-4054	1	Rotor-Outer
15	135-4055	8	Screw
16	135-4056	1	Cover-Pump
17	135-4057	4	Dowel-Pipe
18	127-2973	1	O-Ring
19	135-4058	3	O-Ring
20	125-6957	1	O-Ring
21	125-7206	1	Bolt
22	125-7208	4	Bolt
23	125-7211	4	Bolt
24	125-7211	3	Bolt
25	135-4059	7	Bolt
26	136-8257	2	Bolt
27	125-7229	3	Nut
28	125-6972	1	Cover-Filler
29	125-7197	1	O-Ring

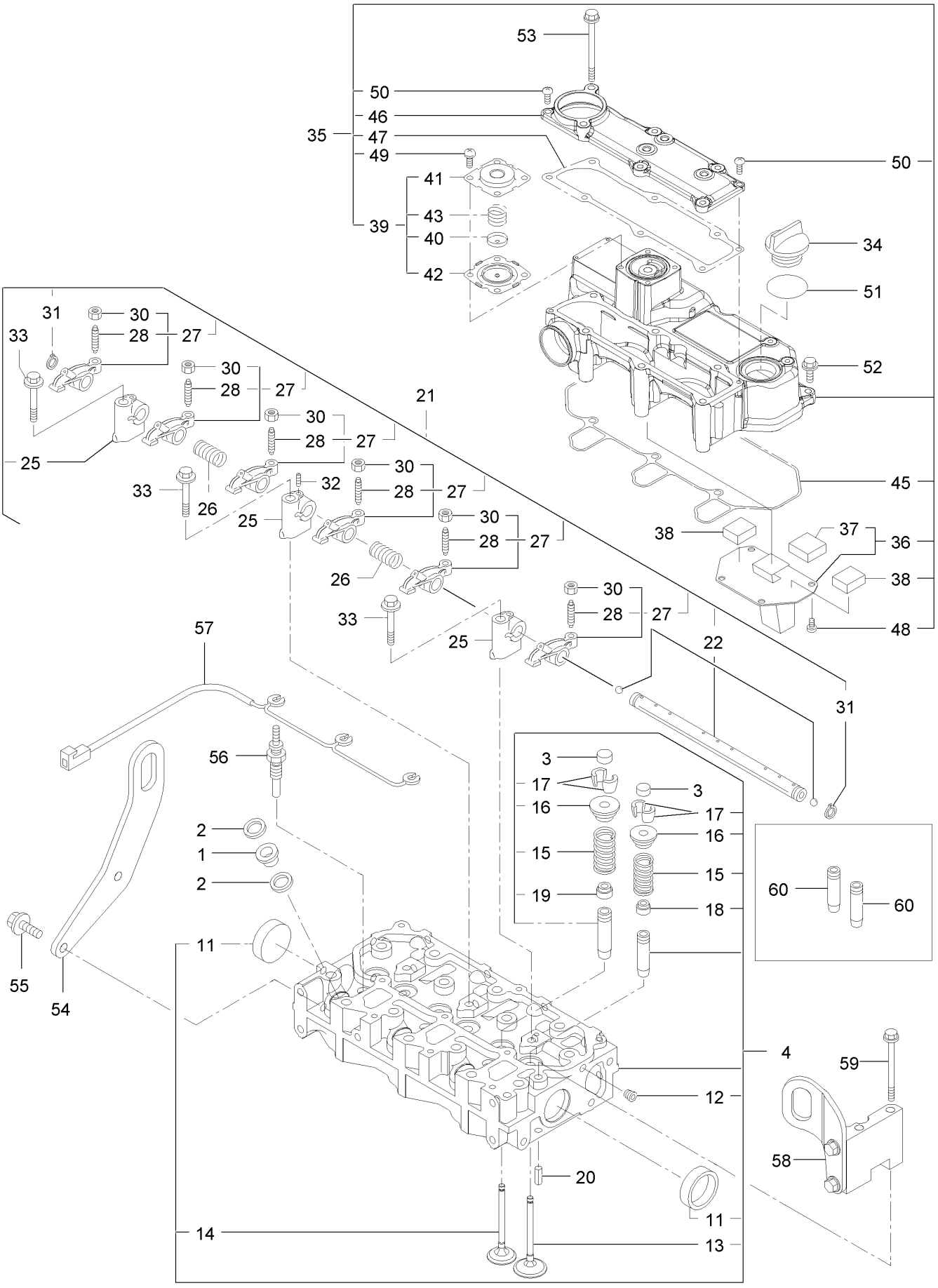
Flywheel Housing and Oil Sump Assembly



Flywheel Housing and Oil Sump Assembly (continued)

Ref.	Part Number	Qty.	Description
1	125-6995	2	Pin
2	135-4060	1	Flange-Mounting
3	135-4061	9	Bolt
4	125-7226	3	Bolt
5	135-4062	2	Pin-Parallel
6	135-4063	1	Case ASM-Oil Seal
8	135-4064	1	Seal-Oil
9	135-4065	10	Bolt
10	135-4066	1	Spacer-Pan, Oil
11	135-4067	1	Oil Pan ASM
12	135-4068	1	Plug
14	136-8236	1	Washer-Seal
15	125-7212	1	Bolt
16	125-7216	1	Bolt
17	125-7219	11	Bolt
18	125-7220	3	Bolt

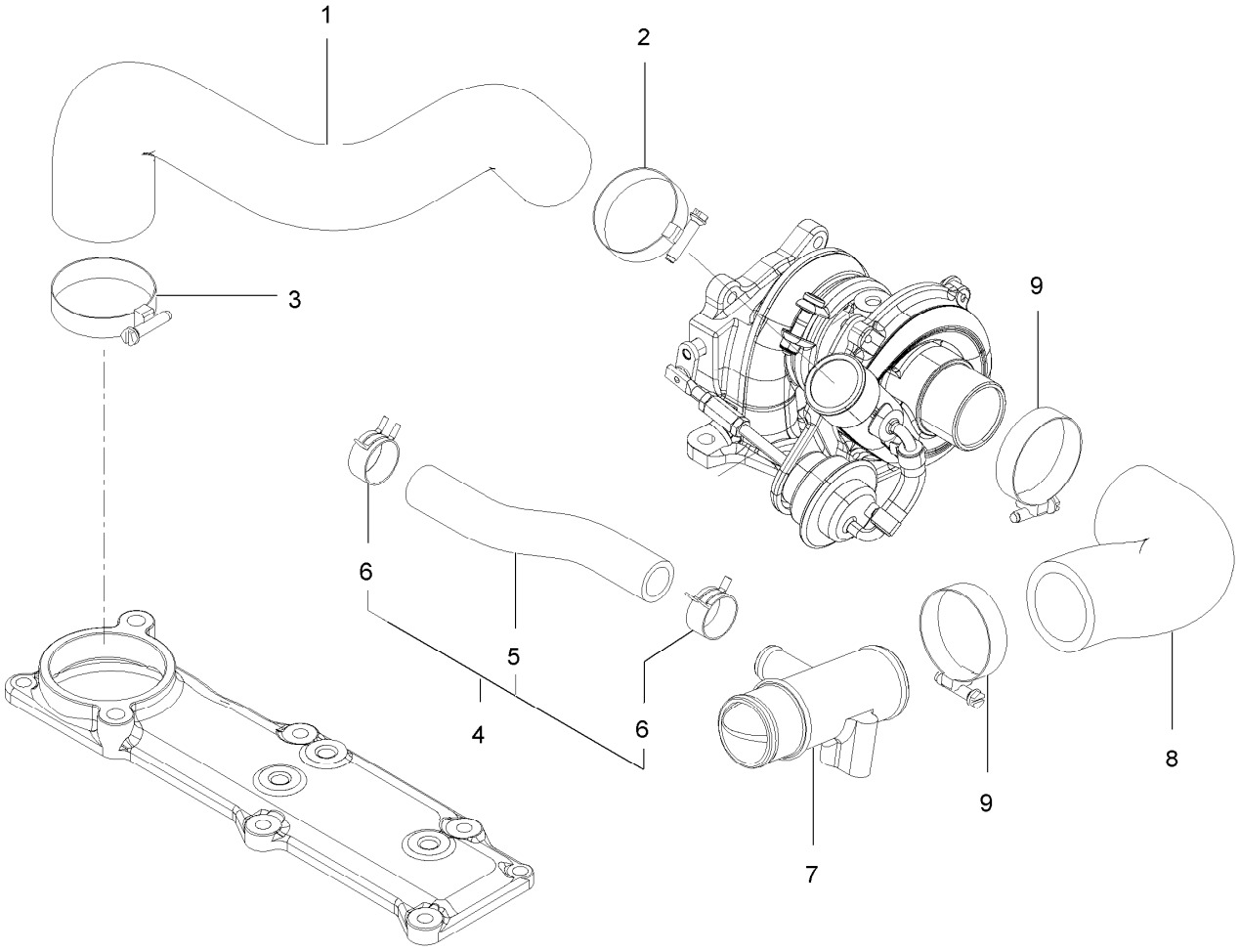
Cylinder Head and Cover Assembly



Cylinder Head and Cover Assembly (continued)

Ref.	Part Number	Qty.	Description
1	135-4069	3	Protector-Nozzle
2	135-4070	6	Gasket-Nozzle
3	135-4071	6	Cap-Valve
4	135-4072	1	Head ASM-Cylinder
11	135-4073	2	Plug-Cup
12	133-6797	1	Plug
13	135-4074	3	Valve-Suction
14	135-4075	3	Valve-Exhaust
15	135-4076	6	Spring-Valve
16	125-7054	6	Retainer
17	125-6914	12	Cotter
18	125-6915	3	Seal-Stem, Valve
19	125-6916	3	Seal-Stem, Valve
20	125-7184	2	Pin-Spring
21	135-4077	1	Rocker Support ASM
22	135-4078	1	Rocker Shaft ASM
25	135-4079	3	Support-Arm, Rocker
26	135-4080	2	Spring-Rocker
27	135-4081	6	Rocker Arm ASM
28	125-7013	6	Screw-Adjust, Valve
30	125-7014	6	Nut
31	135-7082	2	Ring
32	135-4083	1	Screw
33	125-7218	3	Bolt
34	125-6972	1	Cover-Filler
35	135-4084	1	Bonnet ASM
36	135-4085	1	Plate-Baffle
37	135-4086	1	Baffle-Breather
38	135-4086	2	Baffle-Breather
39	135-4088	1	Diaphragm ASM
40	135-4089	1	Plate-Diaphragm
41	135-4090	1	Cover-Diaphragm
42	135-4091	1	Diaphragm
43	135-4092	1	Spring-Diaphragm
45	135-4093	1	Gasket-Cover, Cylinder Head
46	135-4094	1	Cover ASM-Bonnet
47	135-4095	1	Gasket
48	125-7186	4	Screw
49	125-7186	4	Screw
50	127-3168	2	Screw
51	125-7197	1	O-Ring
52	125-7209	3	Bolt
53	135-4096	6	Bolt
54	135-4097	1	Lifter-Engine
55	125-7214	2	Bolt
56	135-4291	3	Plug-Glow
57	135-4294	1	Connector-Glow Plug
58	135-4292	1	Lifter ASM
59	127-3178	2	Bolt
60	125-6917	6	Guide

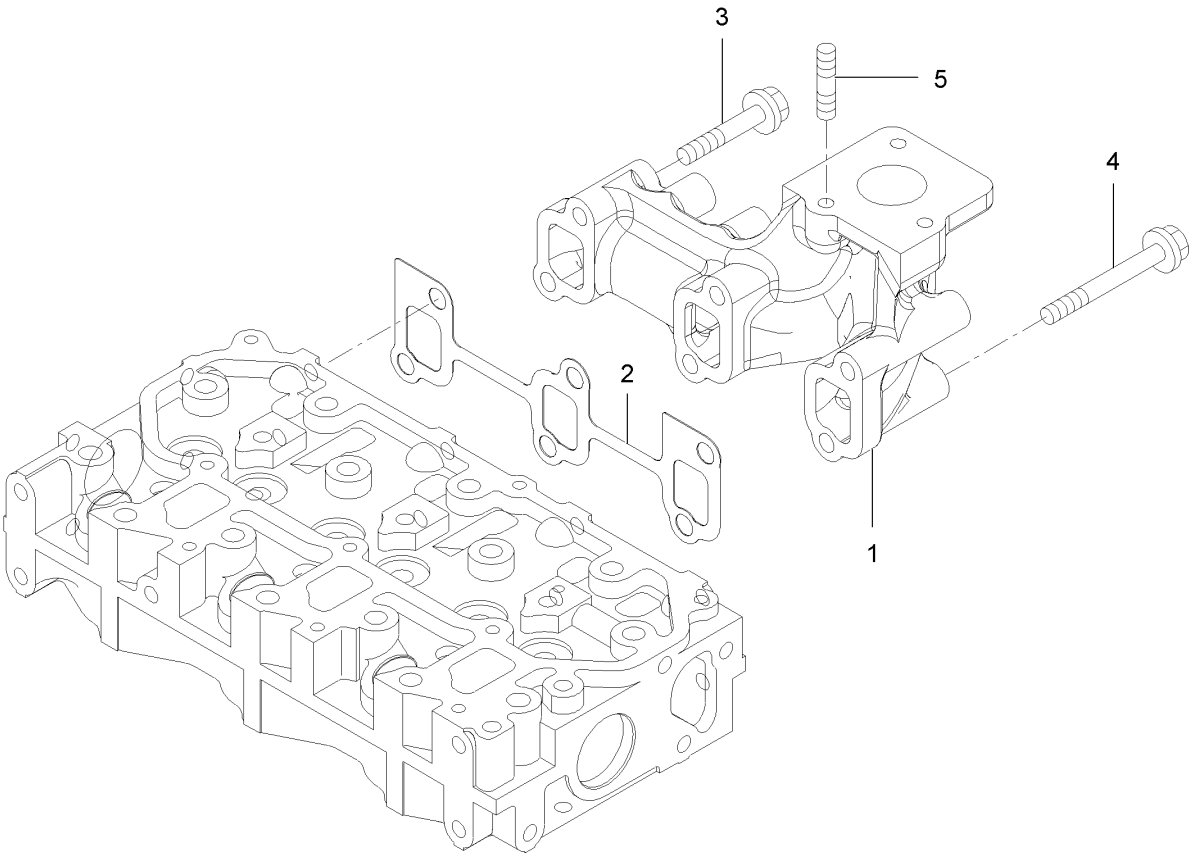
Suction Manifold Assembly



Suction Manifold Assembly (continued)

Ref.	Part Number	Qty.	Description
1	135-4101	1	Hose-Air Intake
2	125-7189	1	Clamp-Hose
3	127-3170	1	Clamp-Hose
4	135-4102	1	Hose ASM-Breather
5	135-4103	1	Hose-Breather
6	125-7040	2	Clip-Hose
7	135-4104	1	Joint-Breather
8	135-4105	1	Hose-Intake, Air
9	127-3170	2	Clamp-Hose

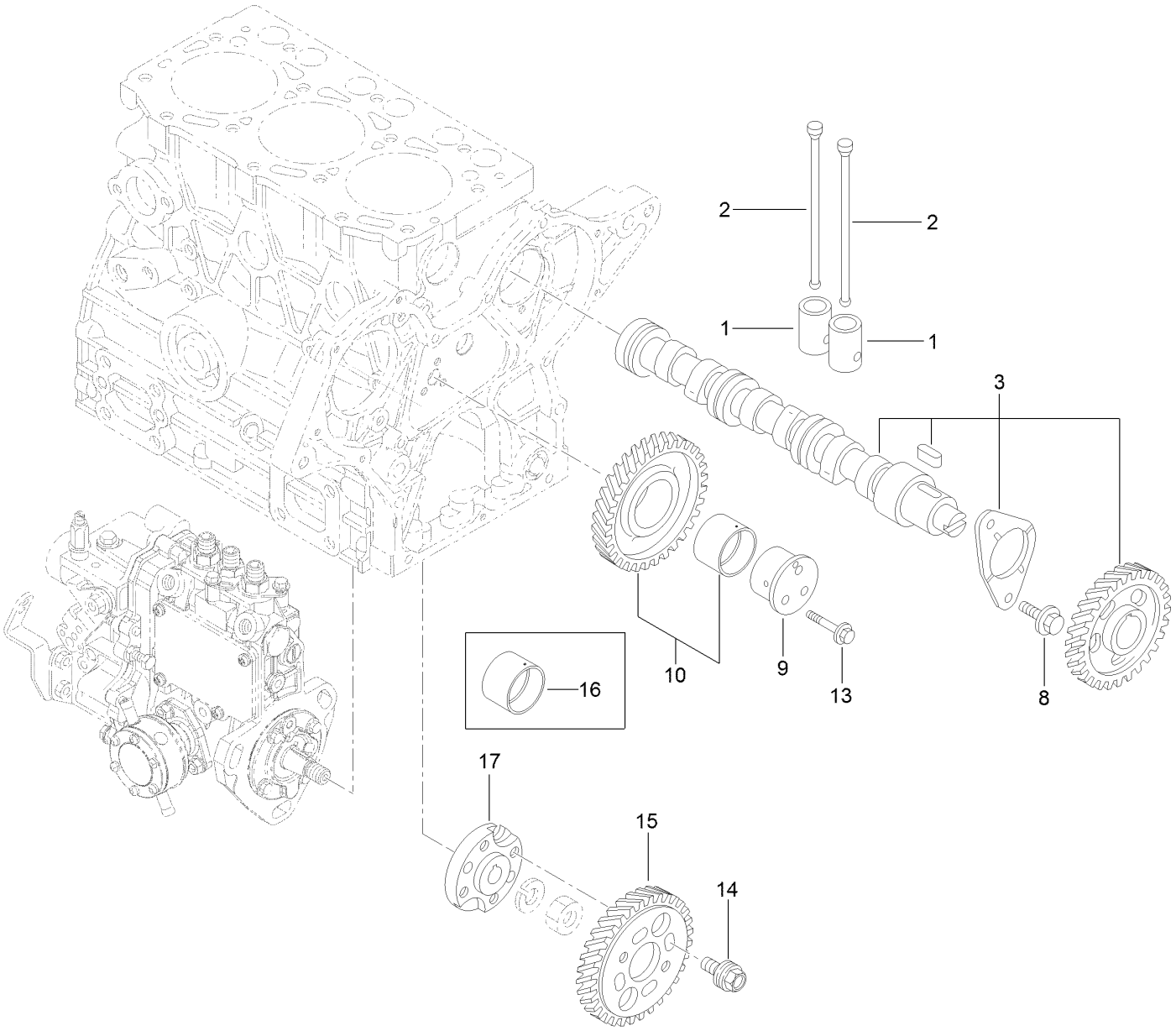
Exhaust Manifold Assembly



Exhaust Manifold Assembly (continued)

Ref.	Part Number	Qty.	Description
1	135-4106	1	Manifold-Exhaust
2	135-4107	1	Gasket-Manifold, Exhaust
3	133-6714	3	Bolt
4	133-6606	3	Bolt
5	125-7043	3	Stud

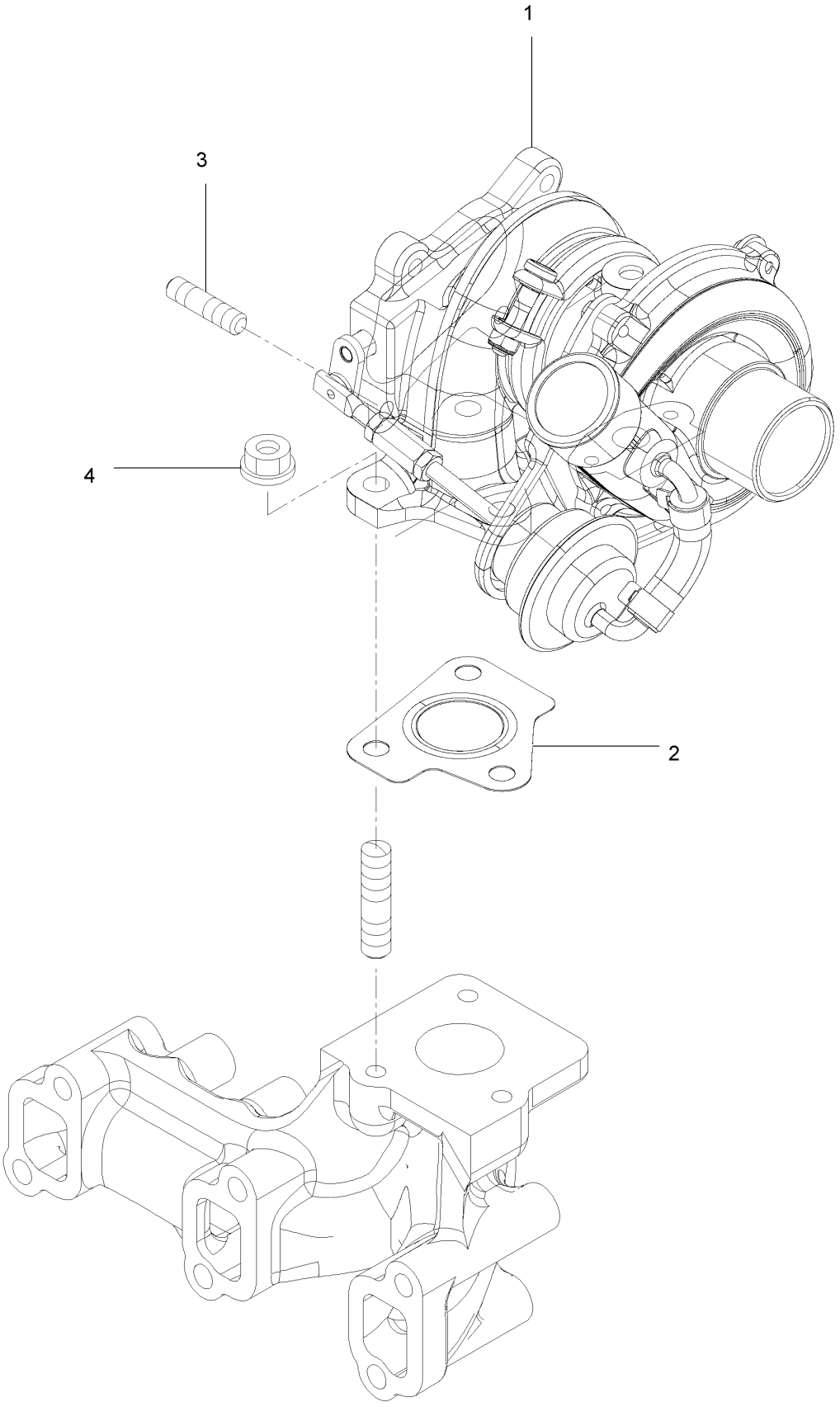
Camshaft and Driving Gear Assembly



Camshaft and Driving Gear Assembly (continued)

Ref.	Part Number	Qty.	Description
1	135-4108	6	Tappet
2	135-4109	6	Push-Rod
3	135-4110	1	Camshaft ASM
8	125-7206	2	Bolt
9	135-4145	1	Shaft-Idle
10	135-4146	1	Idle Gear ASM
13	135-4147	3	Bolt
14	125-7020	4	Bolt
15	135-4148	1	Gear-Pump
16	135-4149	1	Bushing-Gear, Idle
17	135-4150	1	Flange

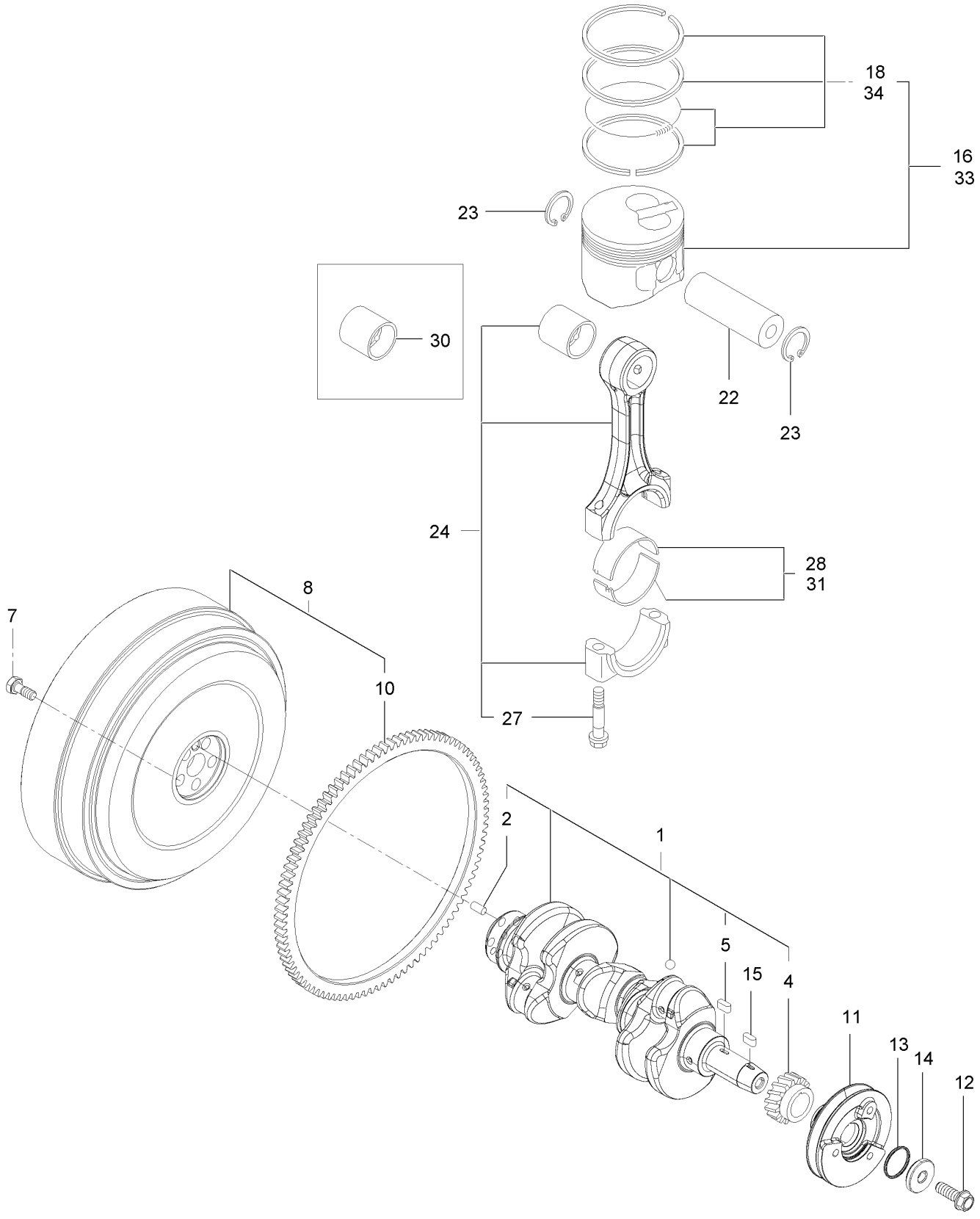
Turbine Assembly



Turbine Assembly (continued)

Ref.	Part Number	Qty.	Description
1	135-4151	1	Turbocharger
2	127-3799	1	Gasket-In, T C
3	125-6906	4	Stud
4	125-7229	3	Nut

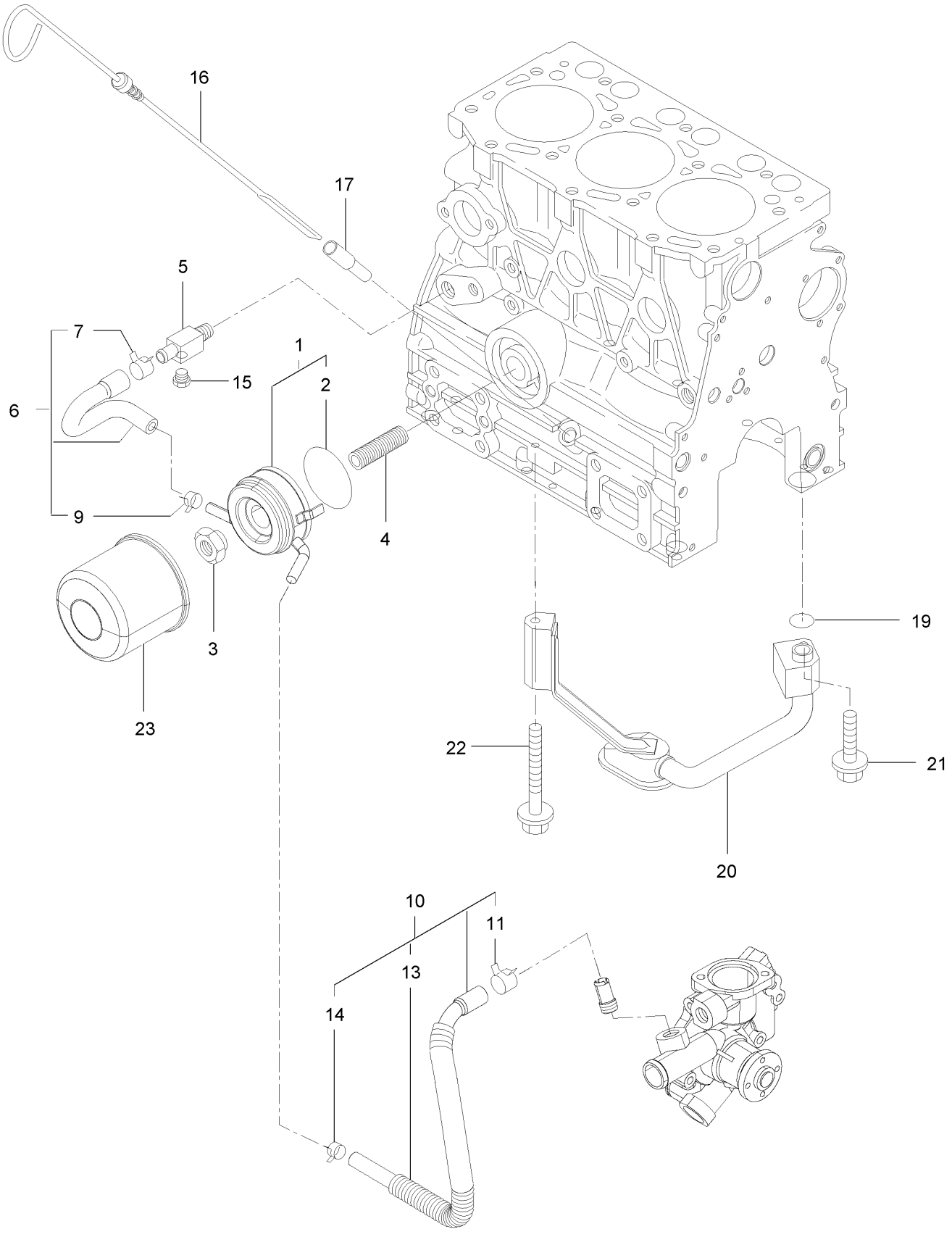
Crankshaft and Piston Assembly



Crankshaft and Piston Assembly (continued)

Ref.	Part Number	Qty.	Description
1	135-4152	1	Crankshaft ASM
2	125-6995	1	Pin
4	135-4153	1	Gear-Crankshaft
5	135-4154	1	Key
7	135-4155	5	Bolt, Flywheel 5
8	135-4156	1	Flywheel ASM
10	135-4157	1	Gear-Ring
11	135-4158	1	V-Pulley, Crankshaft
12	135-4159	1	Bolt-Flange
13	135-4160	1	Gasket-Washer
14	135-4161	1	Washer
15	135-4154	1	Key
16	135-4163	3	Piston ASM
18	135-4164	3	Ring ASM
22	135-4165	3	Pin-Piston
23	135-4166	6	Ring
24	135-4167	3	Rod ASM-Connecting
27	135-4168	6	Bolt-Rod, Connecting
28	135-4169	3	Bearing-Pin, Crank
30	135-4170	3	Bearing-Pin, Piston
31	135-4171	3	Bearing-Pin (0.25)
33	135-4172	3	Piston ASM
34	135-4173	3	Ring ASM

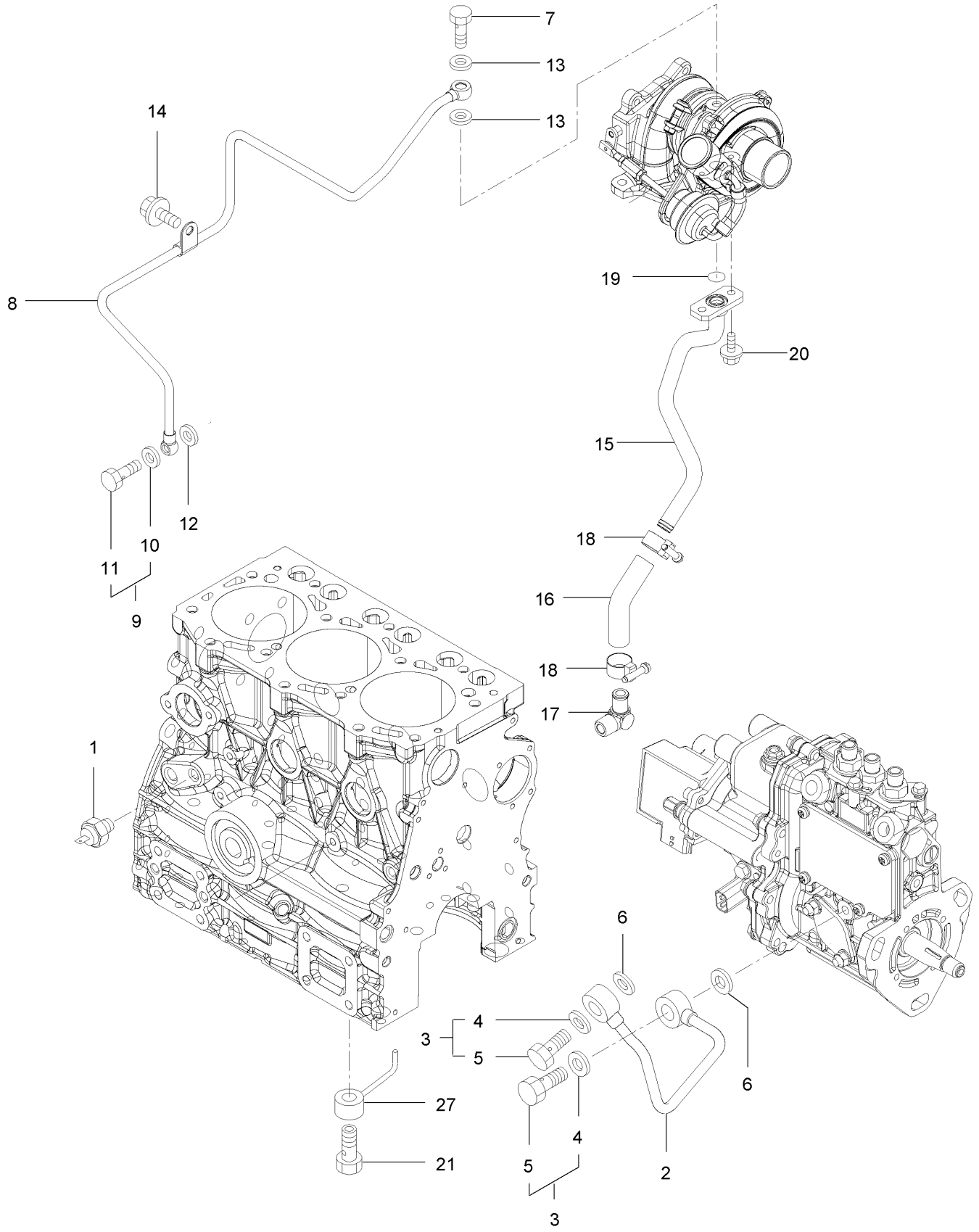
Oil Pump Assembly



Oil Pump Assembly (continued)

Ref.	Part Number	Qty.	Description
1	135-4174	1	Cooler-Oil
2	125-7075	1	O-Ring
3	125-7041	1	Nut-Cooler, Oil
4	135-4175	1	Stud-Lo Filter
5	125-6990	1	Joint
6	135-4176	1	Pipe ASM-Cooler In
7	125-7162	1	Clip
9	125-7191	1	Clamp-Hose
10	125-7079	1	Pipe ASM
11	125-7162	1	Clip
13	125-6946	1	Tube
14	125-7191	1	Clamp-Hose
15	125-7171	1	Plug-Drain
16	135-4177	1	Dipstick
17	125-6954	1	Guide-Dipstick
19	135-4178	1	O-Ring
20	135-4179	1	Pipe ASM-Oil Inlet
21	135-4147	1	Bolt
22	136-8257	1	Bolt
23	135-4181	1	Filter-Oil, Engine

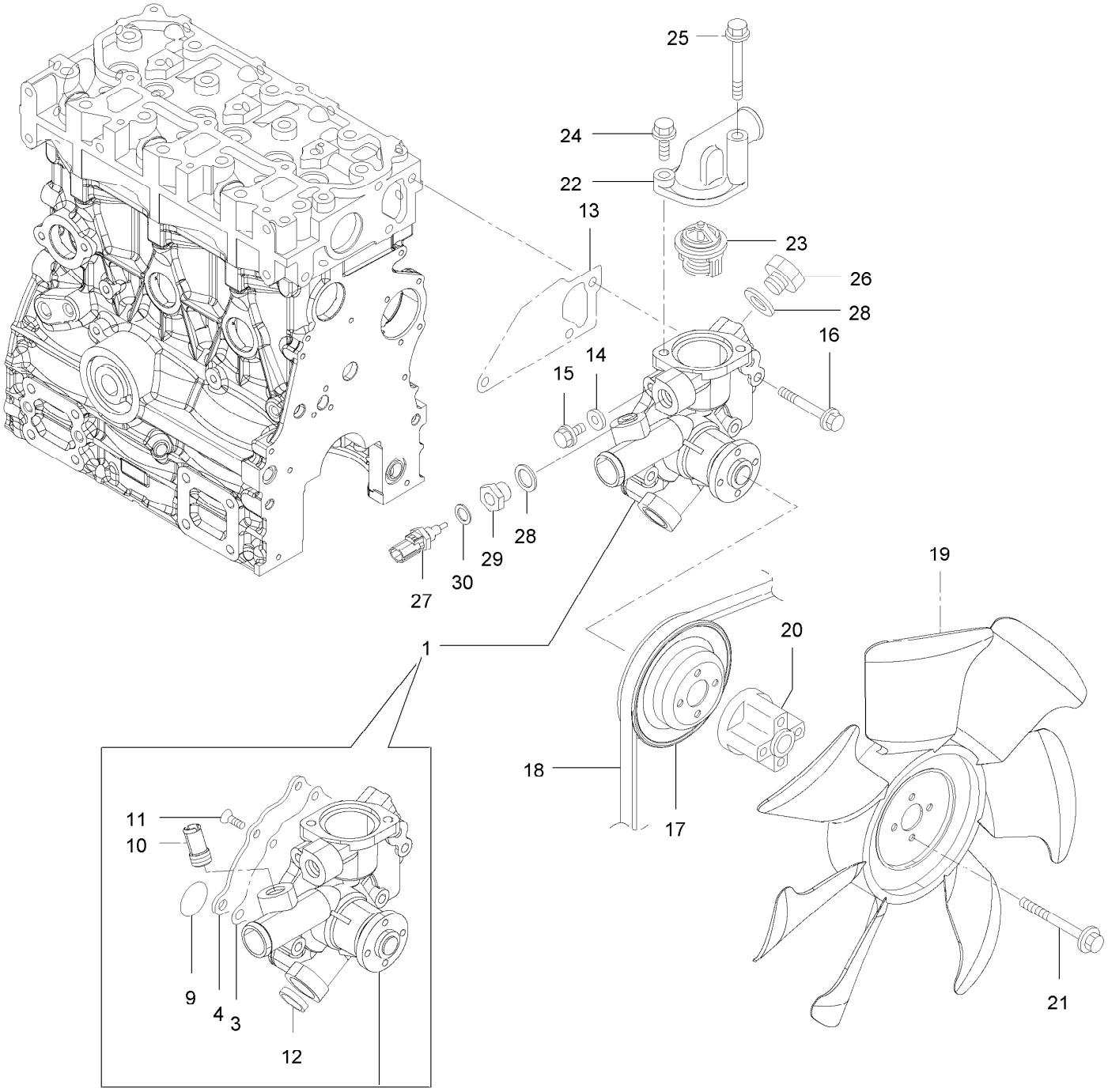
Oil Pump Assembly (cont.)



Oil Pump Assembly (cont.) (continued)

Ref.	Part Number	Qty.	Description
1	125-6918	1	Switch-Oil
2	135-4182	1	Pipe-Oil
3	125-6988	2	Joint Bolt ASM
4	125-7174	2	Washer-Seal
5	125-7194	2	Bolt-Joint
6	125-7174	2	Washer-Seal
7	125-6952	1	Bolt-Joint, Pipe
8	135-4183	1	Pipe ASM-Lo
9	125-6988	1	Joint Bolt ASM
10	125-7174	1	Washer-Seal
11	125-7194	1	Bolt-Joint
12	125-7174	1	Washer-Seal
13	125-7193	2	Gasket
14	125-7212	1	Bolt
15	135-4184	1	Pipe-Lo Return
16	127-2992	1	Joint
17	127-3003	1	Elbow
18	127-3169	2	Clamp-Hose
19	125-7198	1	O-Ring
20	125-7208	2	Bolt
21	135-4185	3	Valve ASM-Check
27	135-4186	3	Nozzle ASM-Piston

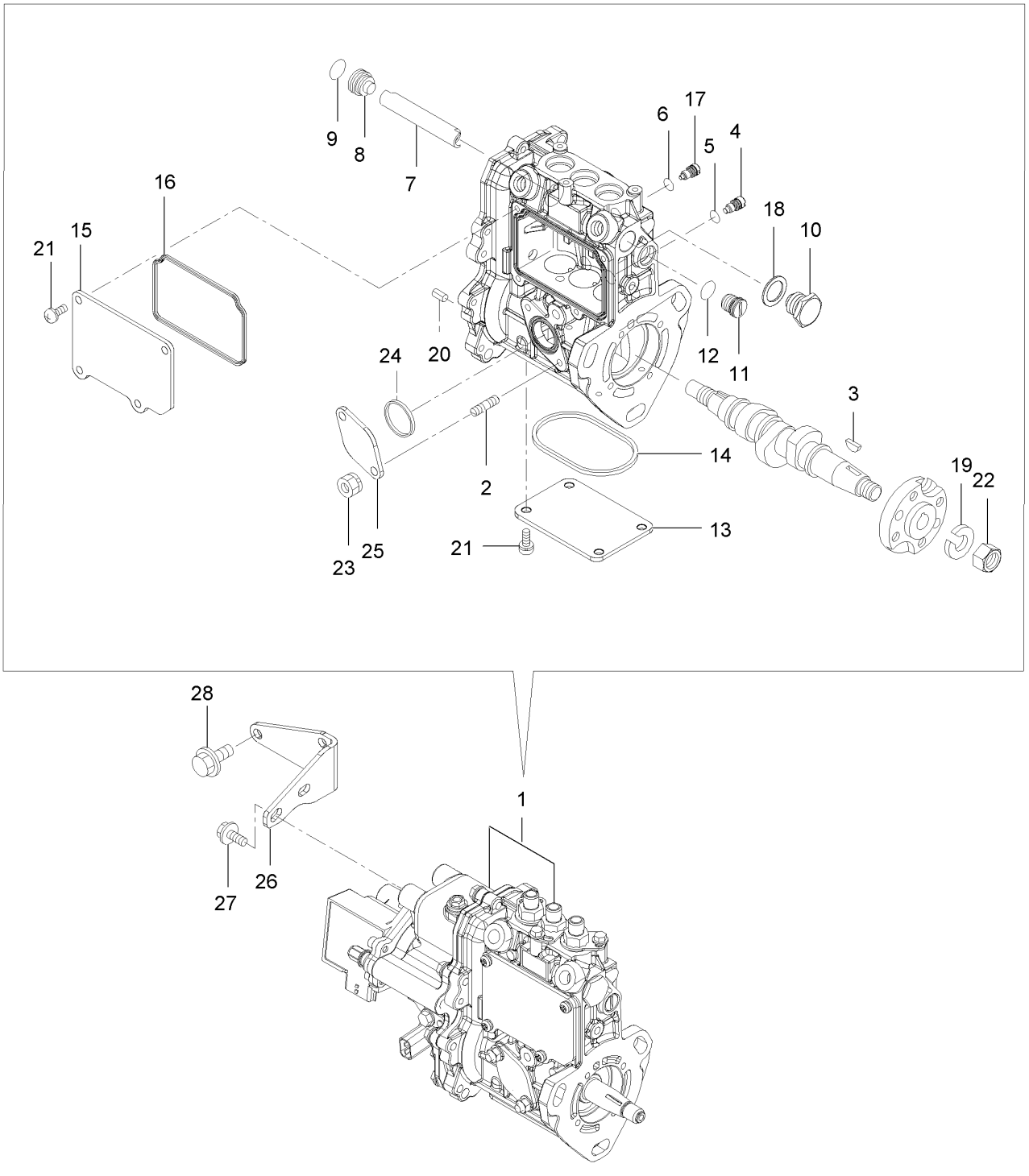
Cooling Water System Assembly



Cooling Water System Assembly (continued)

Ref.	Part Number	Qty.	Description
1	135-4187	1	Pump ASM-Water
3	135-4188	1	Gasket
4	135-4189	1	Cover
9	135-4190	1	O-Ring
10	135-4191	1	Joint-Pipe
11	133-2504	4	Screw
12	135-4192	1	Plug
13	135-4193	1	Gasket-Pump, Water
14	125-7192	1	Gasket
15	125-7212	1	Bolt
16	125-7220	3	Bolt
17	135-4194	1	V-Pulley
18	135-4195	1	V-Belt
19	135-4196	1	Fan-Cooling 1
20	135-4197	1	Spacer-Fan
21	135-4059	4	Bolt
22	135-4199	1	Cover-Thermostat
23	135-4200	1	Thermostat
24	135-4201	1	Bolt
25	135-4202	1	Bolt
26	125-6953	1	Plug
27	125-7124	1	Sensor-Thermostat, CW
28	125-6979	2	Gasket
29	135-4203	1	Joint
30	125-7176	1	Washer-Seal

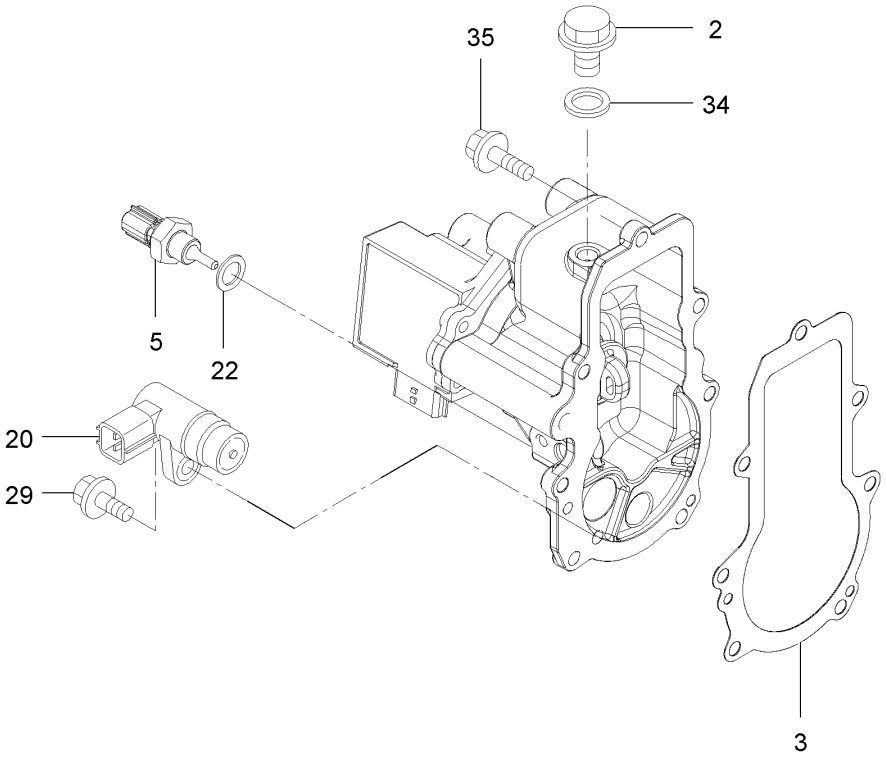
Fuel Injection Pump Assembly



Fuel Injection Pump Assembly (continued)

Ref.	Part Number	Qty.	Description
1	135-4204	1	Fie ASM
2	135-4205	2	Bolt-Stud
3	135-4206	1	Key-Feather, Woodruff
4	125-7156	3	Stopper
5	135-4207	3	O-Ring
6	135-4207	1	O-Ring
7	135-4209	1	Deflector
8	135-4210	1	Plug-Deflector
9	135-4211	1	O-Ring
10	135-4212	1	Plug-Deflector
11	135-4213	1	Plug-Rack
12	135-4214	1	O-Ring
13	135-4215	1	Cover
14	135-4216	1	Gasket
15	135-4217	1	Cover
16	135-4218	1	Gasket
17	135-4219	1	Stopper-Rack
18	136-8236	1	Washer-Seal
19	135-4220	1	Washer-Spring
20	125-7183	2	Pin-Spring
21	135-4221	8	Screw
22	133-2506	1	Nut
23	135-4222	2	Nut
24	135-4223	1	Gasket
25	135-4224	1	Cover-Pump
26	135-4225	1	Support
27	125-7213	2	Bolt
28	125-7595	2	Bolt

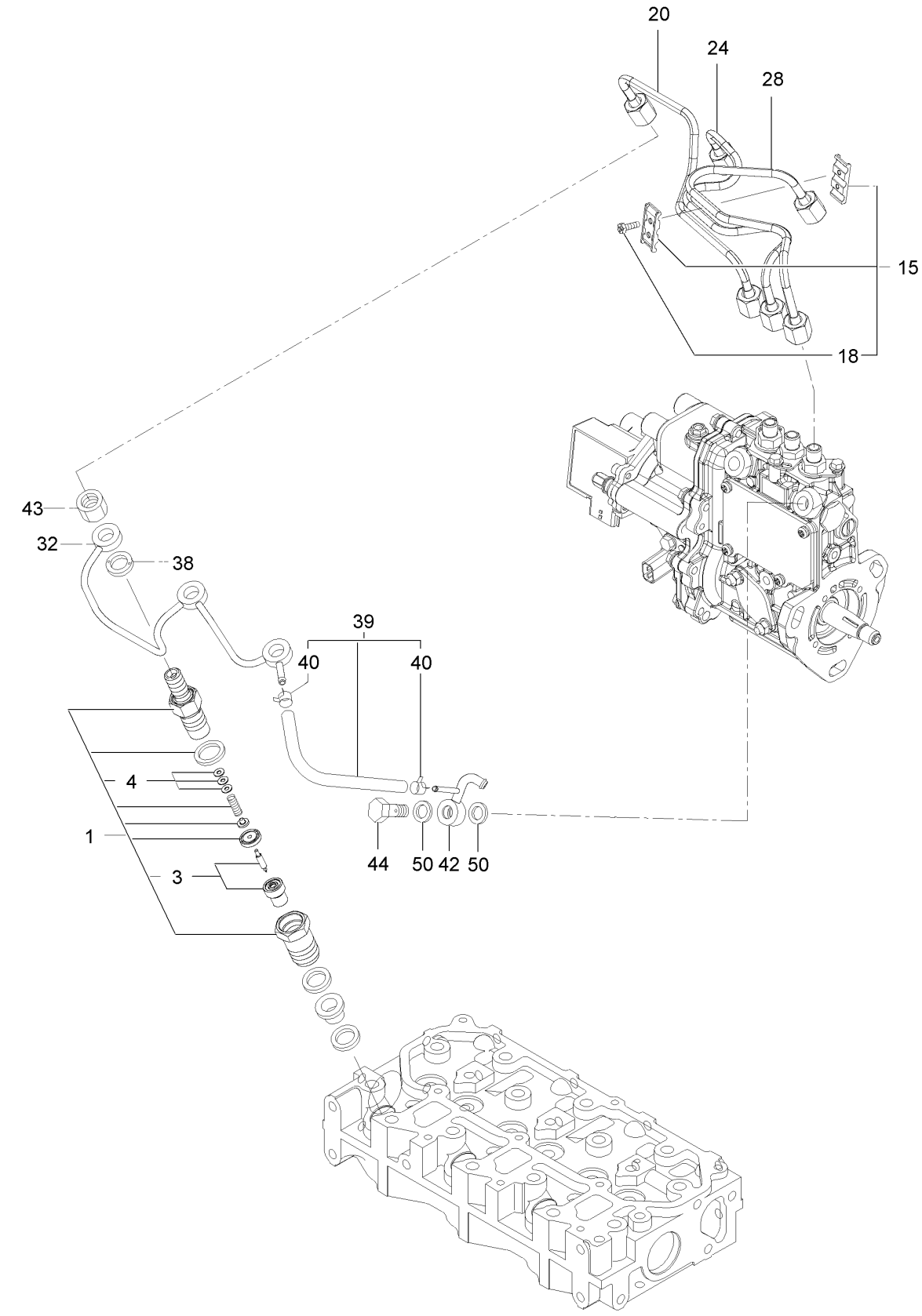
Governor Assembly



Governor Assembly (continued)

Ref.	Part Number	Qty.	Description
2	135-4226	1	Plug
3	135-4227	1	Gasket
5	135-4228	1	Sensor-Oil Temp
20	125-7152	1	Sensor
22	125-7176	1	Washer-Seal
29	125-7208	1	Bolt
34	125-7175	1	Washer-Seal
35	125-7209	7	Bolt

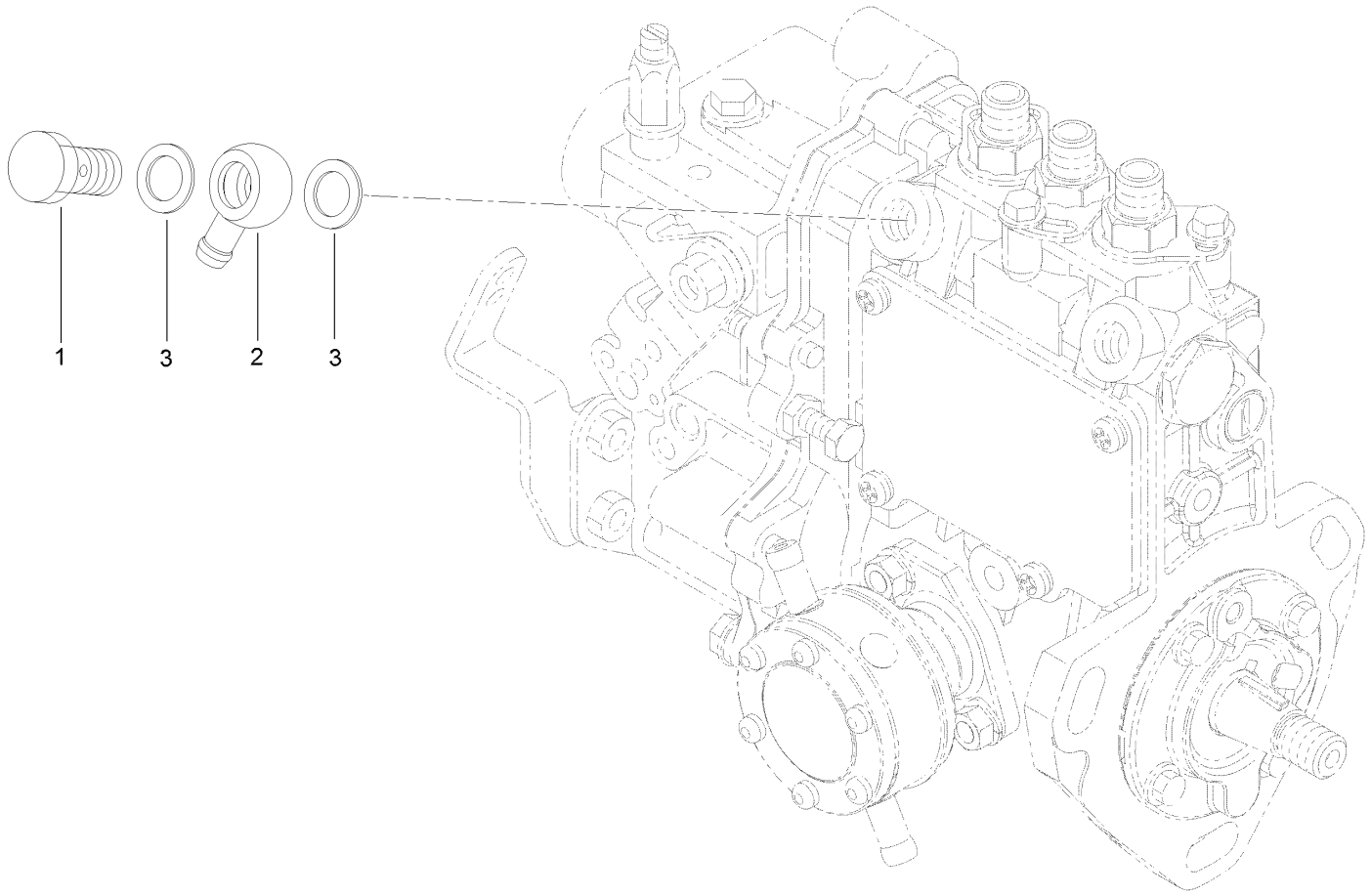
Fuel Injection Valve Assembly



Fuel Injection Valve Assembly (continued)

Ref.	Part Number	Qty.	Description
1	135-4229	3	Nozzle ASM
3	135-4230	3	Nozzle ASM
4	135-4231	3	Adjusting Shim Set
15	135-4232	1	Retainer-Pipe
18	125-7027	2	Bolt
20	135-4233	1	Pipe ASM (Inj No1)
24	135-4234	1	Pipe ASM (Inj No2)
28	135-4235	1	Pipe ASM (Inj No3)
32	135-4236	1	Pipe ASM
38	135-4237	3	Gasket
39	135-4238	1	Hose ASM
40	136-8225	2	Clamp-Hose
42	135-4239	1	Joint-Over Flow
43	135-4240	3	Nut-Nozzle
44	135-4241	1	Check Valve ASM
50	125-7176	2	Washer-Seal

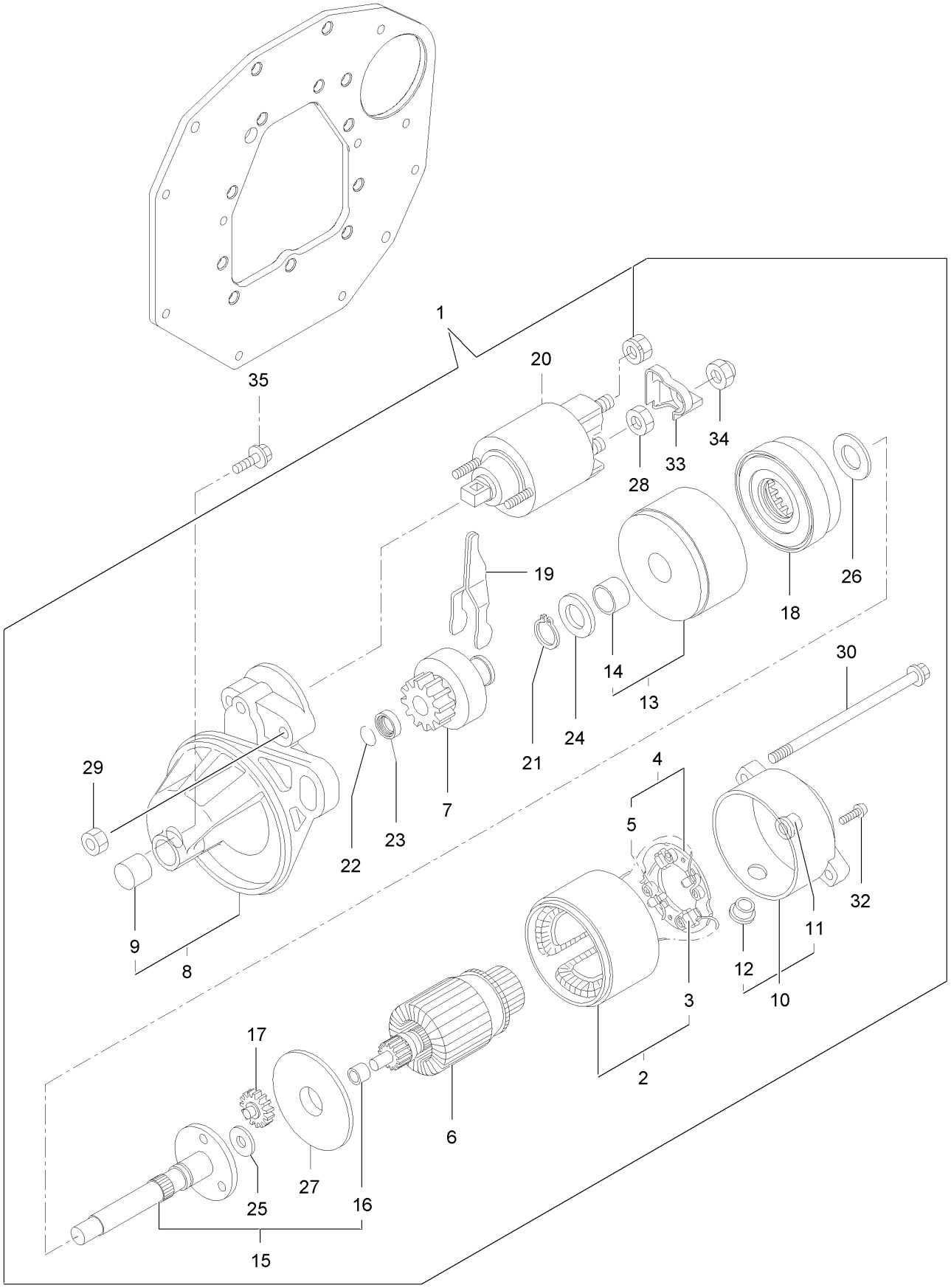
Fuel Pipe Assembly



Fuel Pipe Assembly (continued)

Ref.	*Part Number*	*Qty.*	*Description*
1	135-4242	1	Bolt-Joint, Pipe
2	135-4243	1	Joint-Pipe
3	125-7176	2	Washer-Seal

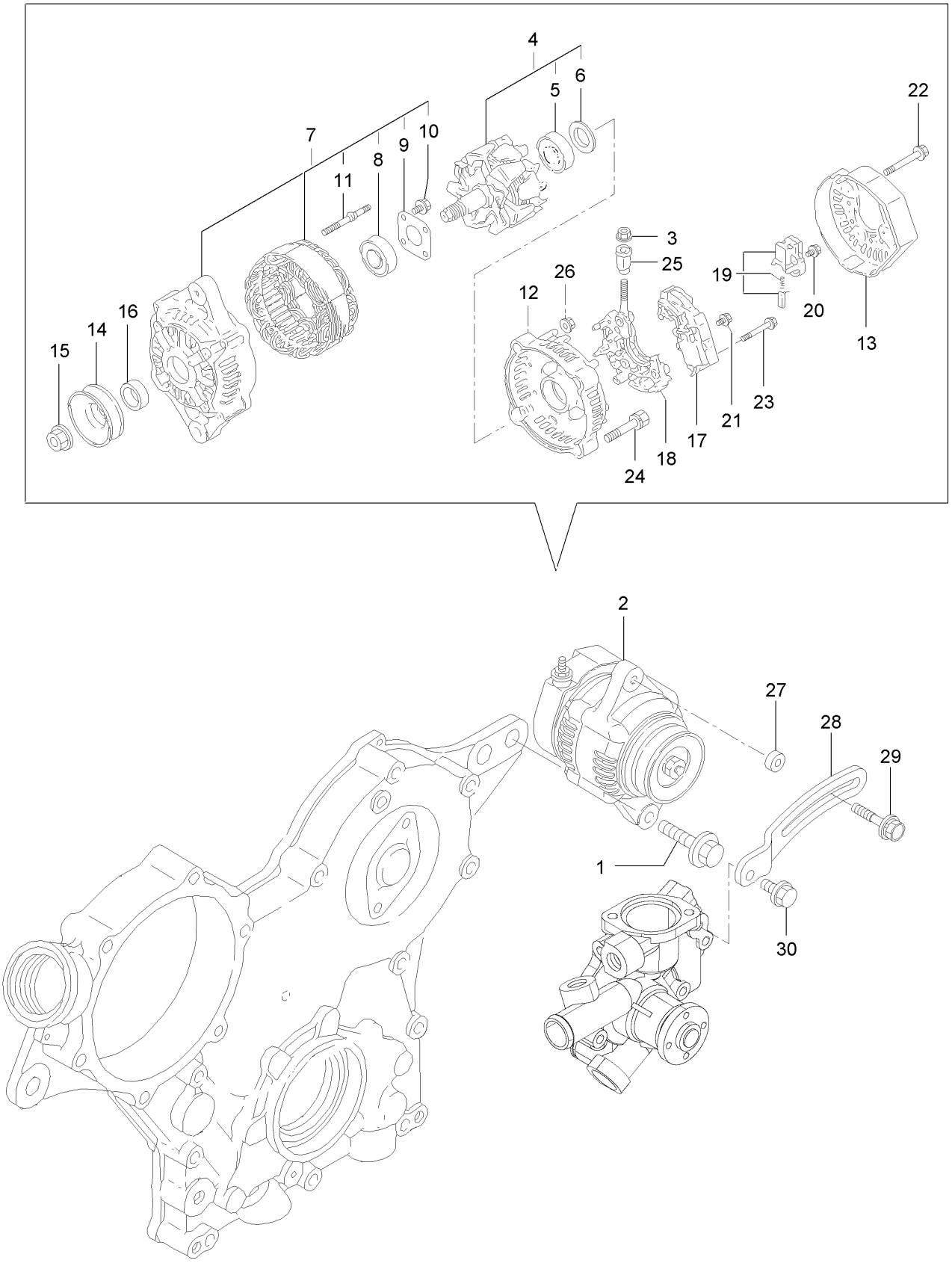
Starting Motor Assembly



Starting Motor Assembly (continued)

Ref.	Part Number	Qty.	Description
1	135-4244	1	Starter ASM
2	135-4245	1	Yoke ASM
3	135-4246	2	Starter Kit
4	135-4247	1	Holder ASM
5	135-4248	4	Spring
6	135-4249	1	Armature ASM
7	135-4250	1	Clutch ASM
8	135-4251	1	Housing ASM
9	135-4252	1	Bearing-Needle
10	135-4253	1	Frame ASM
11	135-4254	1	Bearing
12	135-4255	1	Cover
13	135-4256	1	Bearing ASM
14	135-4257	1	Bearing
15	135-4258	1	Shaft ASM
16	135-4259	1	Bearing
17	135-4260	3	Gear
18	135-4261	1	Gear
19	135-4262	1	Lever
20	135-4263	1	Switch ASM
21	135-4264	1	Ring
22	135-4265	1	Ring
23	135-4266	1	Nut
24	135-4267	1	Washer
25	135-4268	1	Washer
26	135-4269	1	Washer
27	135-4270	1	Plate
28	135-4271	1	Nut
29	135-4272	2	Nut
30	135-4273	2	Bolt-Through
32	135-4274	2	Screw
33	135-4275	1	Cover-Terminal
34	135-4276	1	Nut
35	127-3179	2	Bolt

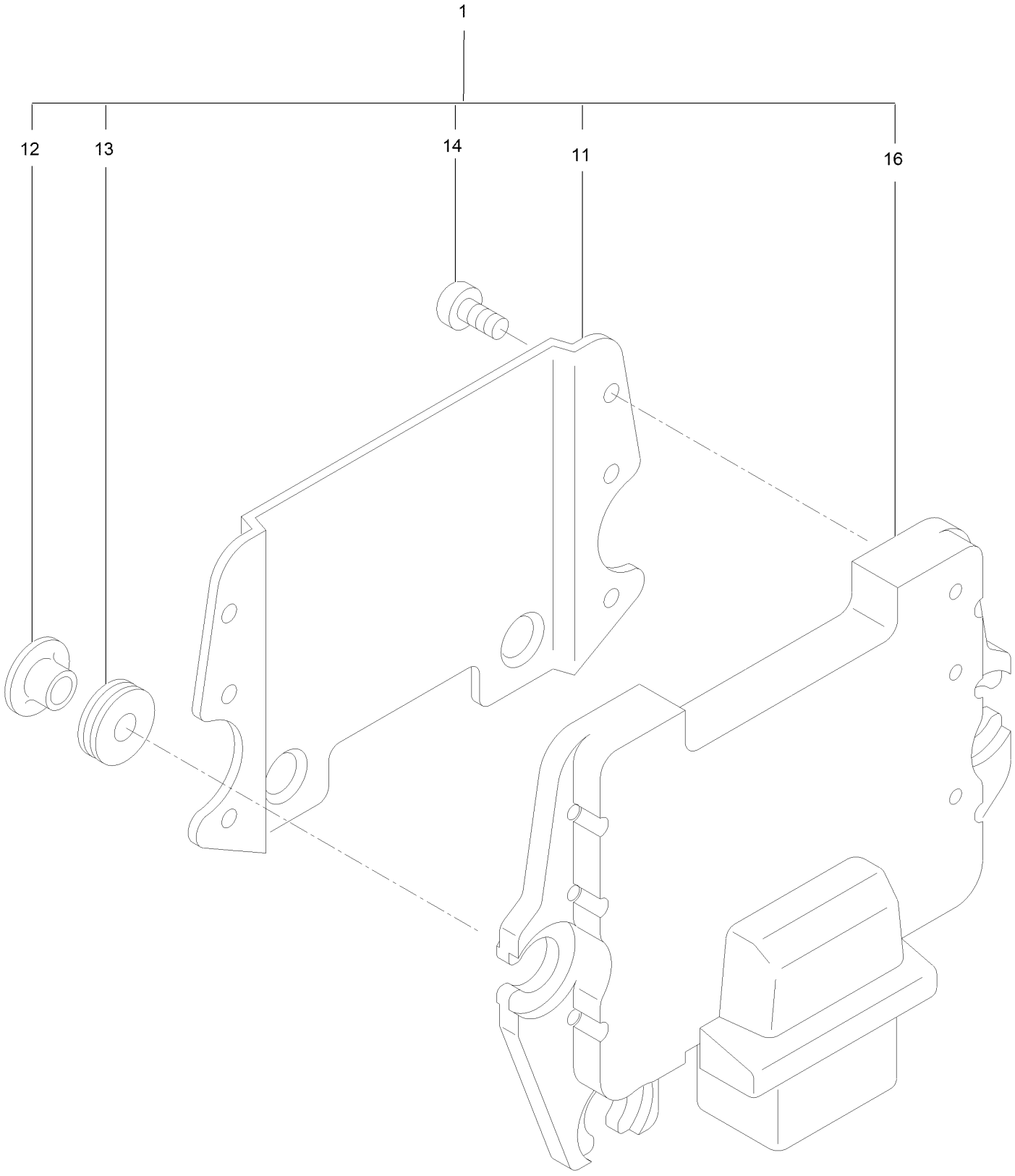
Generator Assembly



Generator Assembly (continued)

Ref.	Part Number	Qty.	Description
1	135-4277	1	Bolt
2	135-4278	1	Alternator
3	127-3190	1	Nut
4	127-3843	1	Rotor ASM
5	127-2983	1	Bearing-Ball
6	127-2962	1	Cover
7	135-4025	1	Frame ASM
8	127-2958	1	Bearing-Ball
9	127-2959	1	Plate-Retainer
10	127-2960	4	Screw
11	127-2961	2	Stud
12	127-3845	1	Frame
13	127-3846	1	Cover
14	127-2954	1	Pulley
15	127-2955	1	Nut
16	127-2957	1	Collar
17	135-4026	1	Regulator ASM
18	127-3848	1	Holder
19	127-2993	1	Holder
20	127-2965	6	Screw
21	127-2966	1	Screw
22	127-2967	3	Bolt
23	127-2968	2	Screw
24	127-2969	2	Bolt
25	127-2970	1	Bushing-Insulation
26	127-2971	2	Nut
27	125-6947	1	Spacer
28	135-4279	1	Adjuster-Belt
29	125-7134	1	Bolt
30	125-7595	1	Bolt

Electronic Control Unit Assembly



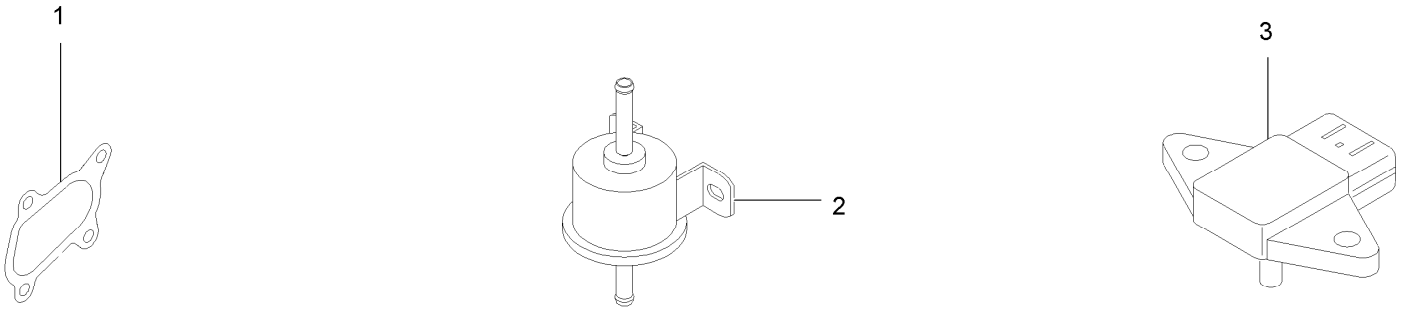
Electronic Control Unit Assembly (continued)

Ref.	Part Number	Qty.	Description
1		1	Ecu ASM ●
11	125-7129	1	Shield
12	125-7130	3	Collar
13	125-6908	3	Absorber
14	125-7187	6	Screw
16	135-4281	1	Ecu ■

● Not serviced separately

■ Contact an Authorized Service Dealer

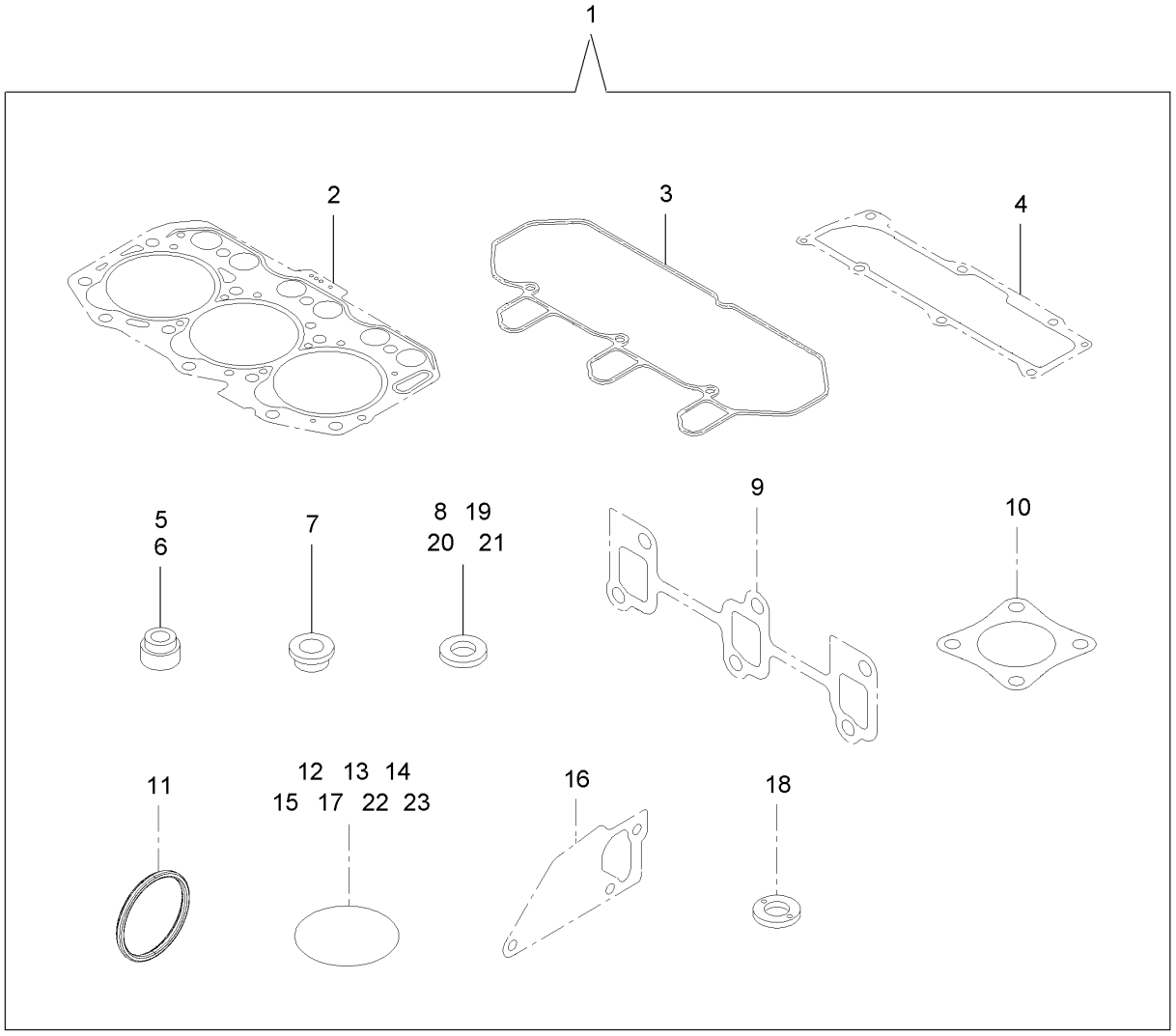
Fuel System Assembly



Fuel System Assembly (continued)

Ref.	Part Number	Qty.	Description
1	127-3779	1	Gasket-Out, T C
2	121-5613	1	Pump-Fuel, Electric
3	135-4282	1	Sensor

Gasket Set



Gasket Set (continued)

Ref.	Part Number	Qty.	Description
1	135-4283	1	Gasket Kit
2	135-4038	1	Head Gasket Set
3	135-4093	1	Gasket-Cover, Cylinder Head
4	135-4095	1	Gasket
5	125-6915	3	Seal-Stem, Valve
6	125-6916	3	Seal-Stem, Valve
7	135-4069	3	Protector-Nozzle
8	135-4070	6	Gasket-Nozzle
9	135-4107	1	Gasket-Manifold, Exhaust
10	135-4290	1	Gasket-Silencer
11	135-4160	1	Gasket-Washer
12	125-6909	1	O-Ring
13	127-2973	1	O-Ring
14	135-4058	3	O-Ring
15	135-4293	1	O-Ring
16	135-4193	1	Gasket-Pump, Water
17	125-6957	1	O-Ring
18	135-4237	3	Gasket
19	125-7174	4	Washer-Seal
20	125-7176	4	Washer-Seal
21	125-7192	1	Gasket
22	125-7197	2	O-Ring
23	135-4295	1	O-Ring

Attachments and Accessories

For 72030 Z Master Professional 7500-D Series Riding Mower With 72in TURBO FORCE Side Discharge Mower

Product Name	Model/Part
Turbo Baffle Kit	107-1634
Premium Transmission/Hydraulic Tractor Fluid (55 Gallon Drum)	108-1183
Premium Transmission/Hydraulic Tractor Fluid (5 Gallon Pail)	108-1184
Striper Kit, Diesel Riding Mowers	126-9965
Jack Kit	127-6666
Jack Mount Kit	135-1768
Trash Container Kit	135-2473
Slow Moving Vehicle Kit	135-2891
Rear Guard Kit	135-3445
Hitch Kit	135-3616
Worklight Kit	135-7076
15W40 Oil 32oz.	137-1051
Oil-30/10W-30 Synthetic (Quart)	138-6053
Oil-30/10W-30 Synthetic (Gallon)	138-6054
Recycler Kit-G3/GM 3300 72in	139-6659
Blade-24.50 High Flow	140-1238
Blade-24.50 Atomic	140-1239
Blade-24.50 Medium Flow	140-4850
Blade-24.50 Low Flow	140-4851
Blade-24.50 Recycler	140-4852
6 Pack-Blade, 24.5 High Flow	140-4872
6 Pack-Blade, 24.5 Med Flow	140-4873
6 Pack-Blade, 24.5 Low Flow	140-4874
6 Pack-Blade, 24.5 Atomic	140-4875
6 Pack-Blade, 24.5 Recycler	140-4876
Tilt Sensor-Diesel	142-3372
Hood Intake Kit	142-4189
Sunshade Kit	142-8775
Blade-24.50 High Flow	147-6253
6 Pack-Blade, 24.50 High Flow	147-6257
Heat Deflector Kit, ZMaster Professional 7500-D Series Riding Mower	147-7913
Triple Bag Assembly	78560
Blower/Drive Kit 72inch	78583

Notes:



Count on it.