



Count on it.

Parts Catalog

Workman® UTX-D 2 Passenger Utility Vehicle

Model No. 08102—Serial No. 415260000 and Up



Ordering Replacement Parts

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

Understanding Reference Numbers

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

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

Service Assembly Reference Numbers

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

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

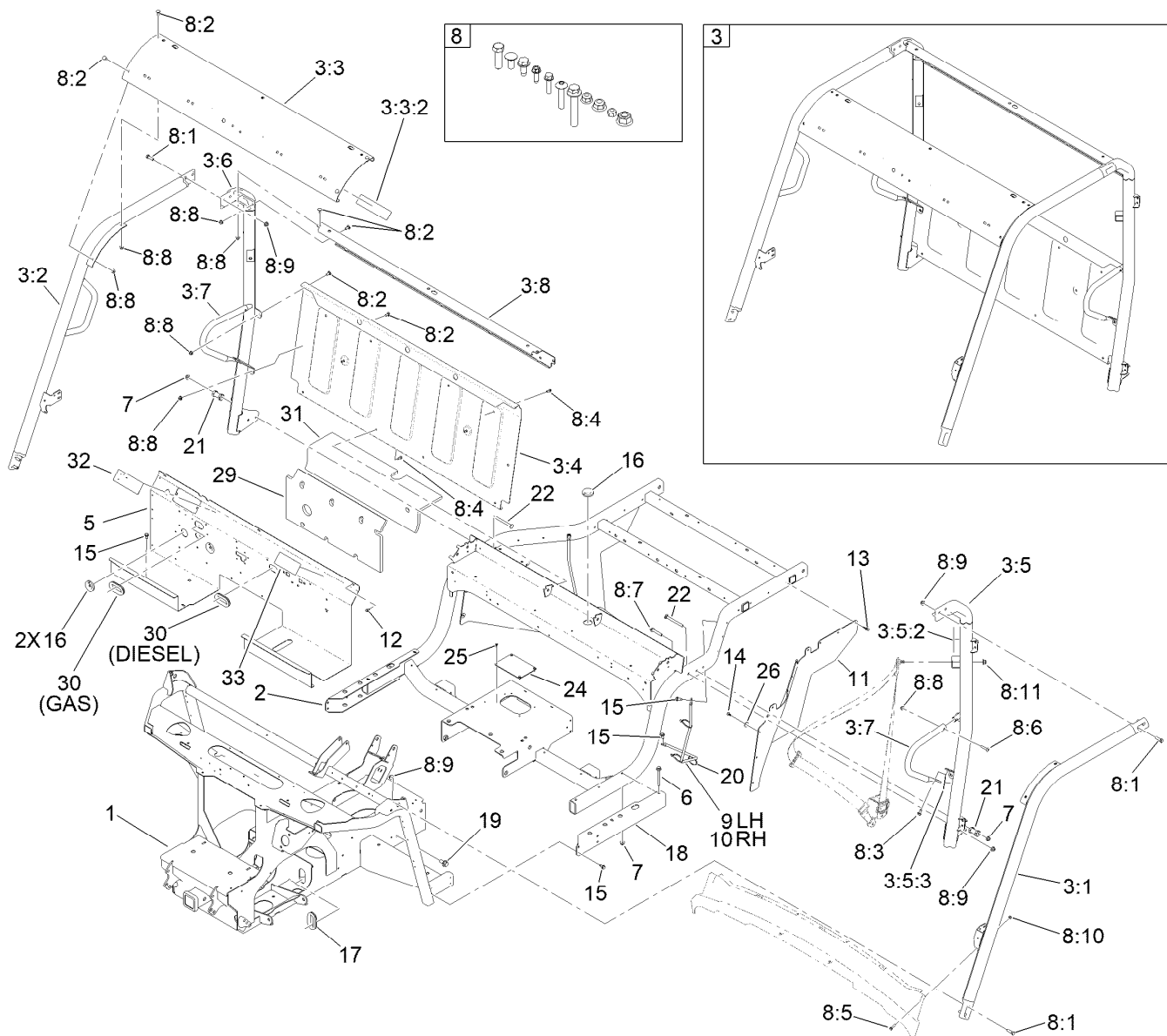
Reference Numbers Indicating Quantity

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

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

Contents

Frame and ROPS Assembly	4
Front Suspension Assembly	6
Front Control Arm Assembly No. 145-7771	7
Rear Suspension and Subframe Assembly	8
Pedals and Controls Assembly	10
Steering Assembly	11
Brake Assembly	12
Master Cylinder Assembly No. 104-6782	13
Brake Caliper Assembly No. 127-7424	14
Hood and Front Fender Assembly	15
Dash Assembly	16
Seat Base Assembly	17
Cargo Bed Assembly	18
Cargo Bed Kit Assembly	19
Electrical Assembly	20
Battery Assembly	22
Engine Drivetrain and Exhaust Assembly	23
Engine, Transaxle and Clutch Assembly	24
Secondary Clutch Assembly No. 139-4591	25
Primary Clutch Assembly No. 139-4590	26
Transaxle Assembly No. 140-2611	27
Front Differential and Driveshaft Assembly	28
Front Differential Assembly No. 140-4752	29
Intermediate Driveshaft Assembly No. 140-4771	30
Driveshaft Assembly No. 140-2647	31
Cooling System Assembly	32
Radiator Assembly No. 147-7970	33
Fuel System Assembly	34
Air Cleaner Assembly	35
Air Cleaner Assembly No. 106-5277	36
Cylinder Block Assembly	38
Gear Housing Assembly	40
Mounting Flange and Oil Sump Assembly	42
Cylinder Head and Bonnet Assembly	44
Exhaust Manifold Assembly	46
Camshaft and Driving Gear Assembly	48
Crankshaft and Piston Assembly	50
Lubrication Oil System Assembly	52
Cooling Water System Assembly	54
Fuel Injection Pump Assembly	56
Governor Assembly	58
Fuel Injection Valve Assembly	60
Fuel Pipe Assembly	62
Starter Motor Assembly	64
Generator Assembly	66
Accessories Assembly	68
Gasket Set	70
Attachments and Accessories	72

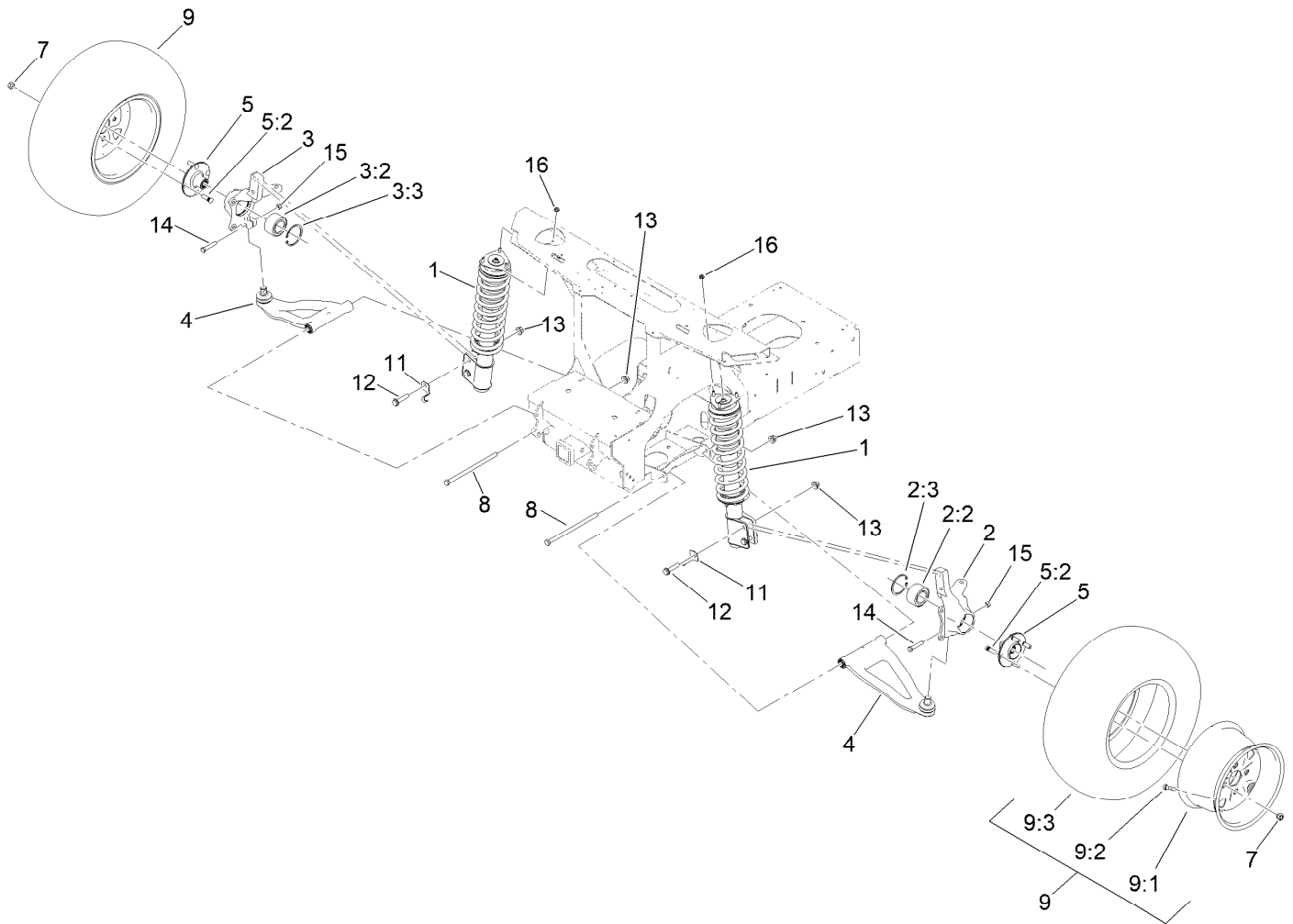


Frame and ROPS Assembly

Ref.	Part Number	Qty.	Description
1	147-8107	1	Front Frame ASM (2 Passenger)
2	147-8106	1	Rear Frame ASM
3		1	Standard ROPS Kit ●
3:1	137-2737-05	1	Front ROPS ASM-LH
3:2	137-2738-05	1	Front ROPS ASM-RH
3:3	140-2583	1	ROPS Front Crosslink ASM
3:3:2	144-1143	1	Decal-Utx, Safety
3:4	138-9438-05	1	Panel-Back, Seat
3:5	140-2597	1	LH ROPS Rear Tube ASM
3:5:2	145-2215	1	Decal-ROPS Safety, Utx
3:5:3	144-2267	1	Decal-Compliance, ROPS
3:6	137-2726-05	1	ROPS Rear Tube ASM-RH
3:7	138-5787-05	2	Tube-Restraint, Shoulder
3:8	137-6892-05	1	Crosslink-Rear, ROPS
5	145-7960-03	1	Panel-Underseat
6	116-4701	4	Screw-HHF
7	104-8301	6	Nut-HF, NI

Ref.	Part Number	Qty.	Description
8	144-2286	1	Standard ROPS Hardware Kit
8:1	144-2258	8	Screw-HH
8:2	144-2265	12	Bolt-CARR
8:3	32144-70	4	Screw-HWHTF
8:4	49-2040	10	Screw-HWHTF
8:5	32144-86	2	Screw-HWHTF
8:6	126-7439	2	Screw-Torx
8:7	144-2409	2	Screw-HHF
8:8	104-8300	14	Nut-HF, NI
8:9	104-8301	10	Nut-HF, NI
8:10	3296-73	2	Nut-Lock, NI
8:11	144-2269	2	Nut-HF, NI
9	139-3432	1	Support-Skirt, LH Side
10	139-3433	1	Support-Skirt, RH Side
11	147-2825	2	Skirt-Side
12	32144-4	3	Screw-HWH
13	125-9622	16	Rivet-Blind

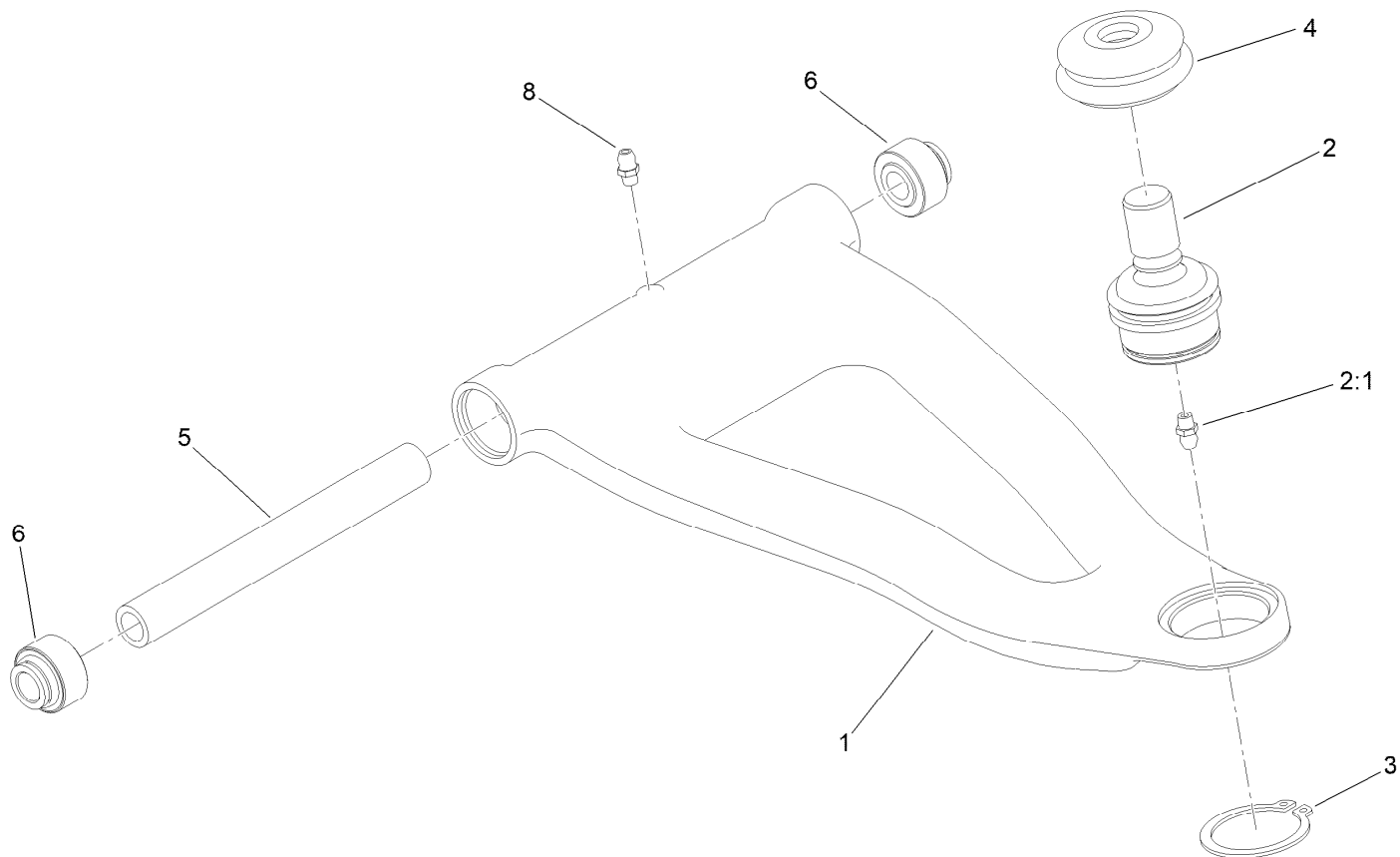
● Not serviced separately



Front Suspension Assembly

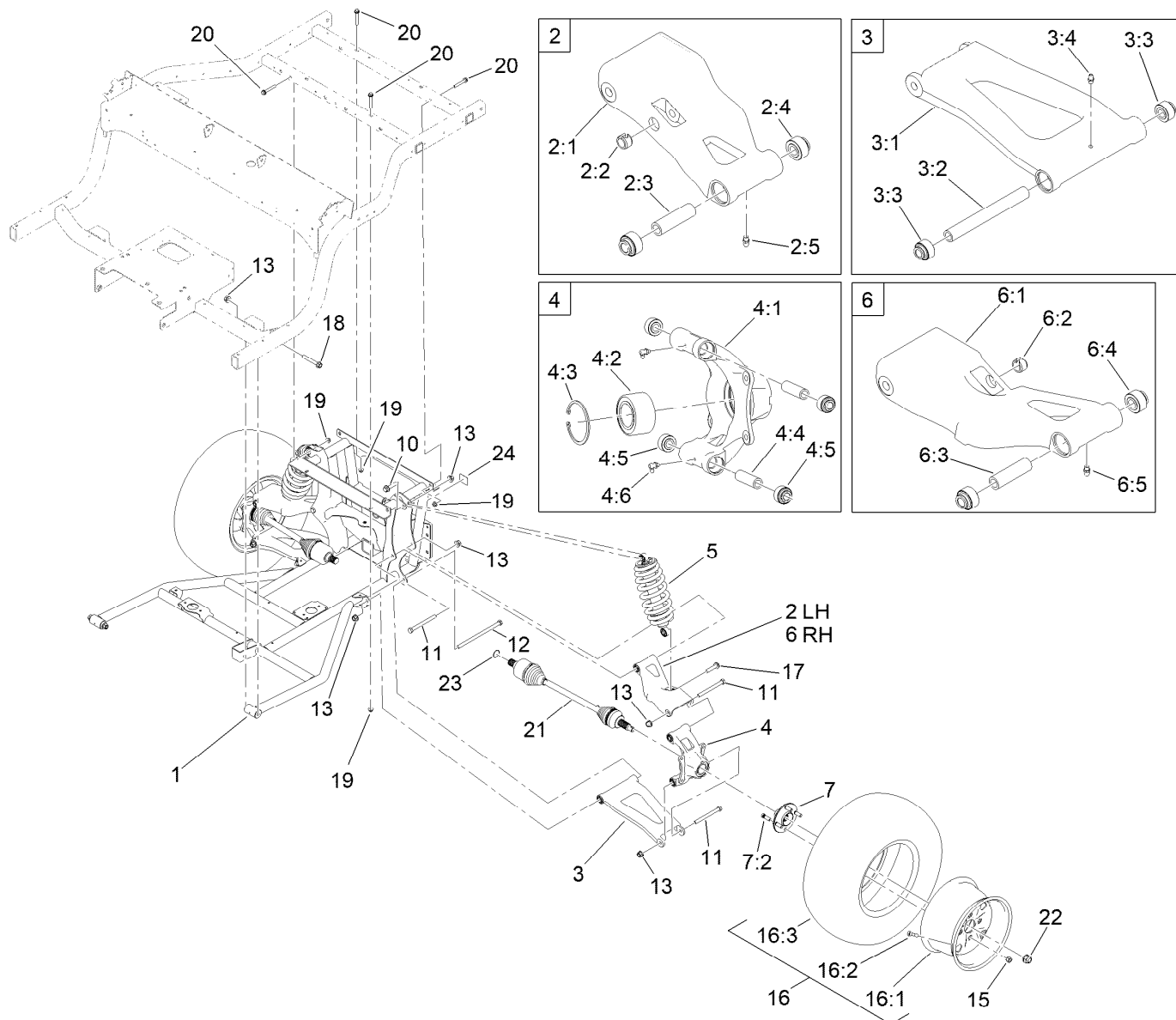
Ref.	Part Number	Qty.	Description
1	147-2706	2	Strut ASM
2	138-9319	1	Knuckle ASM-Front, LH
2:2	133-7272	1	Bearing-Ball
2:3	144-2207	1	Ring-Retaining
3	138-9320	1	Knuckle ASM-Front, RH
3:2	133-7272	1	Bearing-Ball
3:3	144-2207	1	Ring-Retaining
4	145-7771	2	Control Arm ASM-Front
5	137-6754	2	Hub ASM
5:2	137-6760	4	Stud-Wheel
7	242-50	8	Nut-Lug

Ref.	Part Number	Qty.	Description
8	325-39	2	Screw-HH
9	136-9419	2	Tire/Wheel ASM
9:1	136-9418	1	Wheel-12X7-12
9:2	232-27	1	Stem-Valve
9:3	137-2689	1	Tire
11	137-6766	2	Bracket-Hose, Brake
12	3234-46	4	Screw-HHF
13	99-5107	6	Nut-Lock
14	115-2398	2	Bolt-HH
15	3296-48	2	Nut-Hex
16	112-2844	6	Nut-HF



Front Control Arm Assembly No. 145-7771

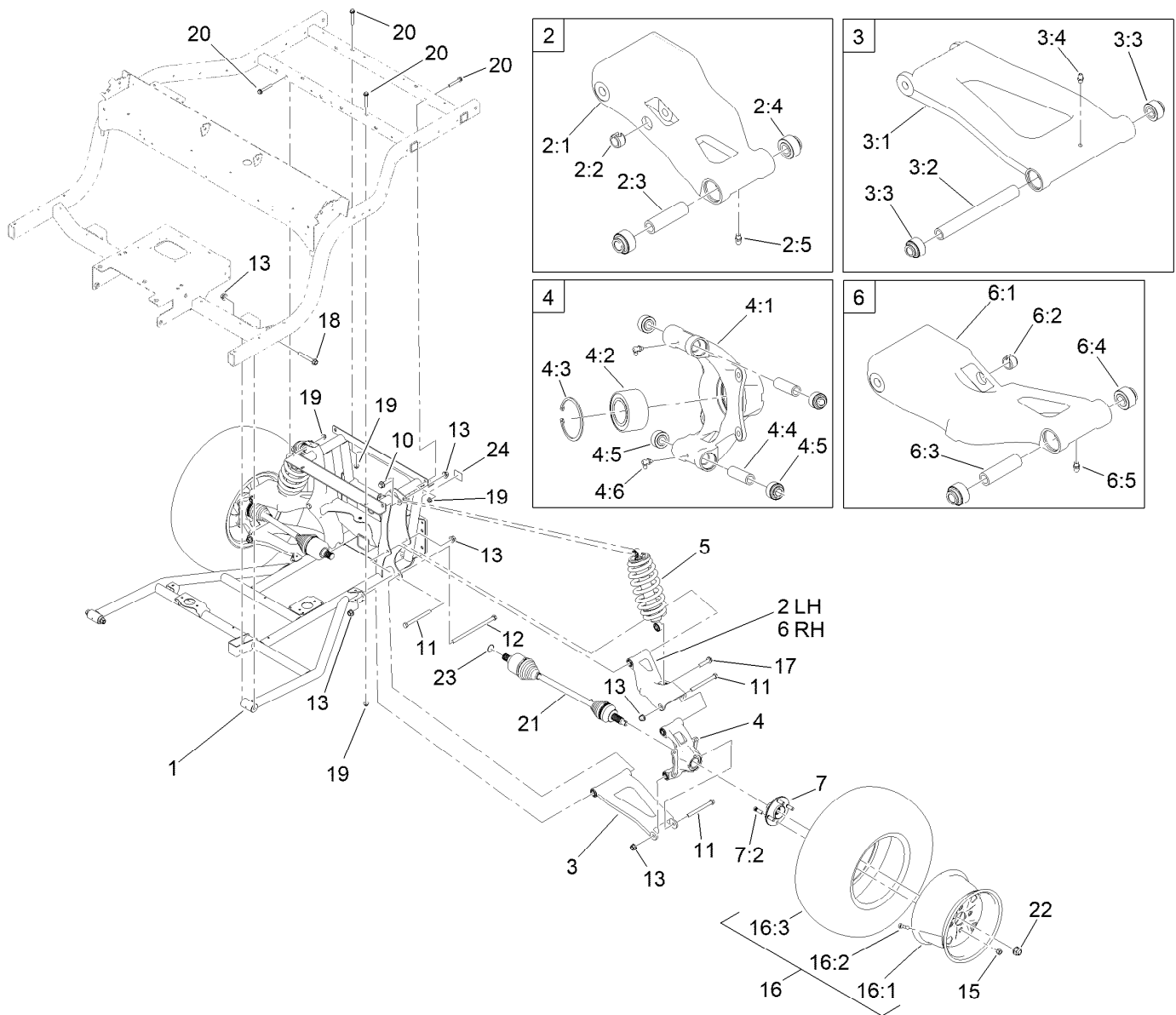
Ref.	Part Number	Qty.	Description
1	145-7762	1	Control Arm-Front
2	115-2165	1	Ball Joint
2:1	302-5	1	Fitting-Grease
3	32151-104	1	Ring-Retaining, External
4	87-2420	1	Seal-Joint, Ball
5	145-7757	1	Spacer
6	145-7756	2	Bushing-Ball
8	302-60	1	Fitting-Grease



Rear Suspension and Subframe Assembly

Ref.	Part Number	Qty.	Description
1	147-8109	1	Engine Cradle ASM
2	145-7775	1	Control Arm ASM-Rear, LH Upper
2:1	145-7765	1	Control Arm-Rear Uprr, LH
2:2	137-2659	1	Bushing-Tension
2:3	145-7770	1	Spacer
2:4	145-7756	2	Bushing-Ball
2:5	302-5	1	Fitting-Grease
3	145-7772	2	Control Arm ASM-Rear
3:1	145-7763	1	Control Arm-Rear, Lower
3:2	145-7757	1	Spacer
3:3	145-7756	2	Bushing-Ball
3:4	302-5	1	Fitting-Grease
4	145-7773	2	Knuckle ASM-Rear
4:1	145-7764	1	Knuckle-Rear
4:2	133-7272	1	Bearing-Ball
4:3	144-2207	1	Ring-Retaining
4:4	145-7770	2	Spacer
4:5	145-7756	4	Bushing-Ball
4:6	302-60	2	Fitting-Grease
5	145-7758	2	Shock/Spring ASM

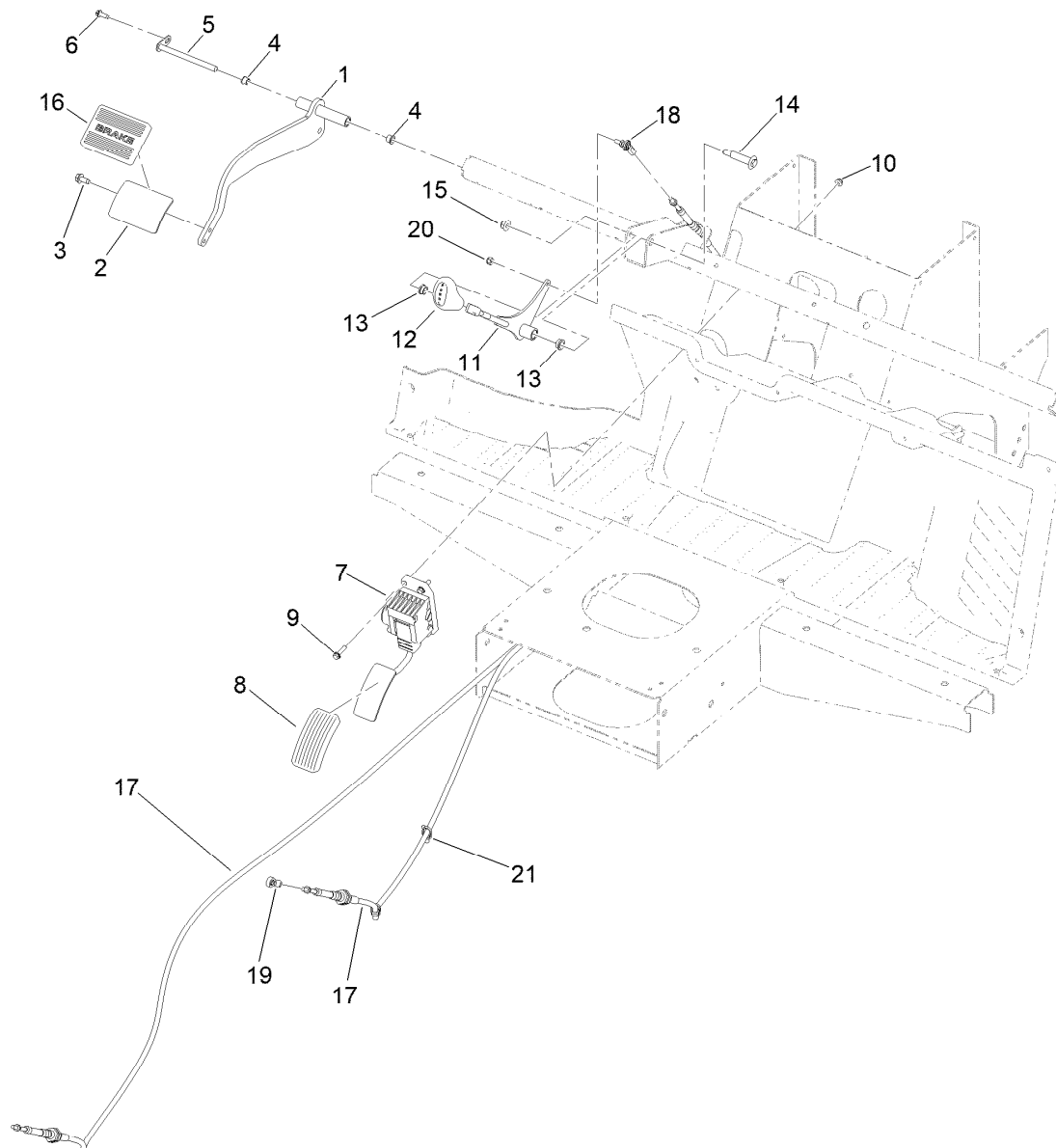
Ref.	Part Number	Qty.	Description
6	145-7774	1	Control Arm ASM-Rear, RH Upper
6:1	145-7766	1	Control Arm-Rear Uprr, RH
6:2	137-2659	1	Bushing-Tension
6:3	145-7770	1	Spacer
6:4	145-7756	2	Bushing-Ball
6:5	302-5	1	Fitting-Grease
7	137-6754	2	Hub ASM
7:2	137-6760	4	Stud-Wheel
10	3234-27	2	Screw-HHF
11	325-22	6	Screw-HH
12	325-39	2	Screw-HH
13	99-5107	12	Nut-Lock
15	242-50	8	Nut-Lug
16	136-9420	2	Tire/Wheel ASM
16:1	136-9418	1	Wheel-12X7-12
16:2	232-27	1	Stem-Valve
16:3	137-2690	1	Tire
17	3234-46	2	Screw-HHF
18	114-8419	2	Screw-HHF
19	104-8301	8	Nut-HF, NI



Rear Suspension and Subframe Assembly (continued)

Ref.	Part Number	Qty.	Description
20	3234-39	8	Screw-HHF
21	140-2608	2	Cv Axle ASM
22	115-2164	2	Nut-Spindle

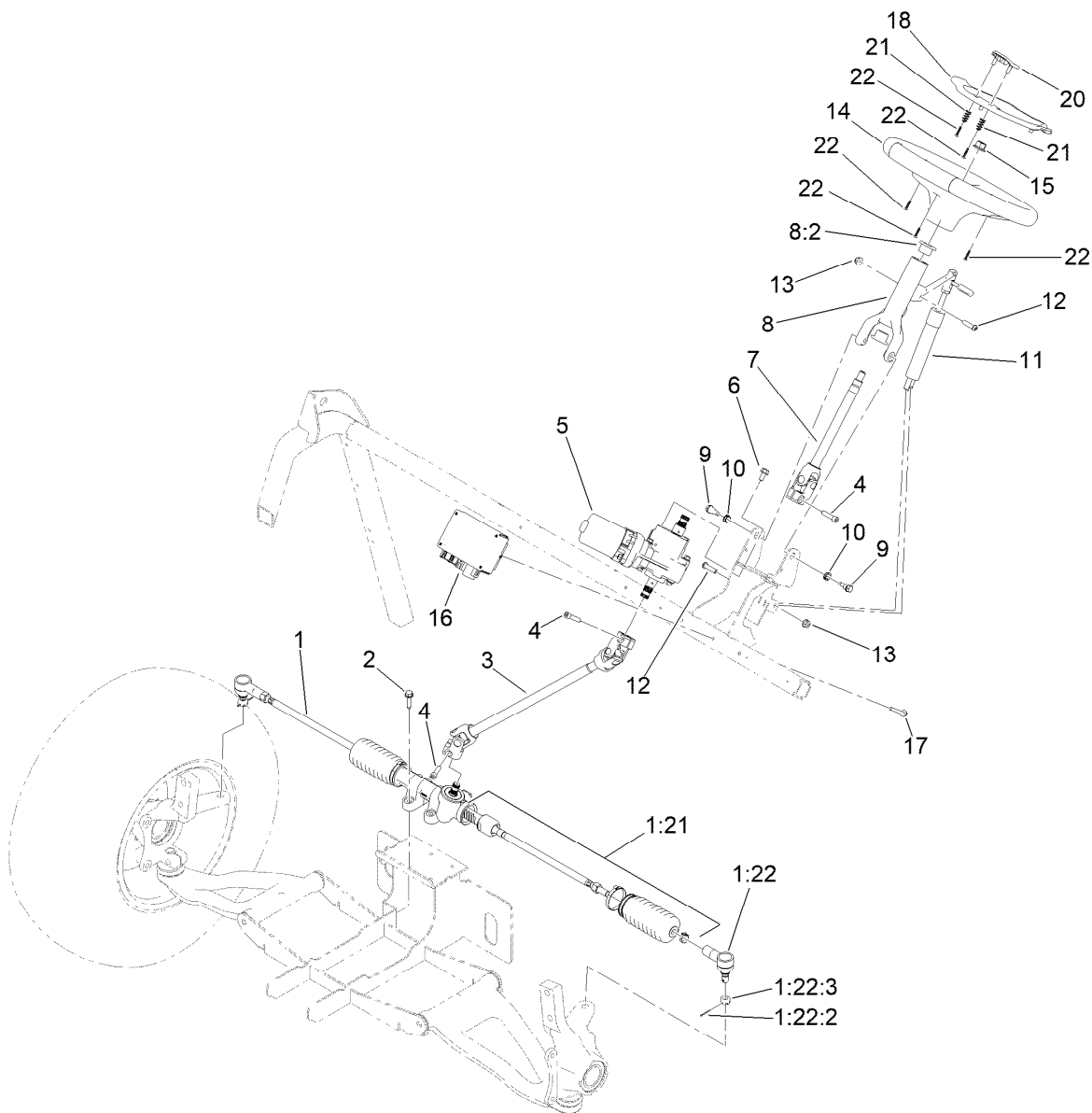
Ref.	Part Number	Qty.	Description
23	119-1156	2	O-Ring
24	145-2205	1	Decal-Load, Towing



Pedals and Controls Assembly

Ref.	Part Number	Qty.	Description
1	138-5761-03	1	Brake Pedal ASM
2	138-5763-03	1	Brake Pedal ASM
3	32144-70	2	Screw-HWHTF
4	256-116	2	Bushing-Flange
5	136-9306	1	Pivot Shaft ASM
6	49-2040	1	Screw-HWHTF
7	144-2740	1	Pedal ASM-Accelerator
8	140-4572	1	Pedal Pad-Throttle
9	120-4654	3	Screw-HHF
10	104-7201	3	Nut-HF, NI
11	145-2108	1	Shifter ASM

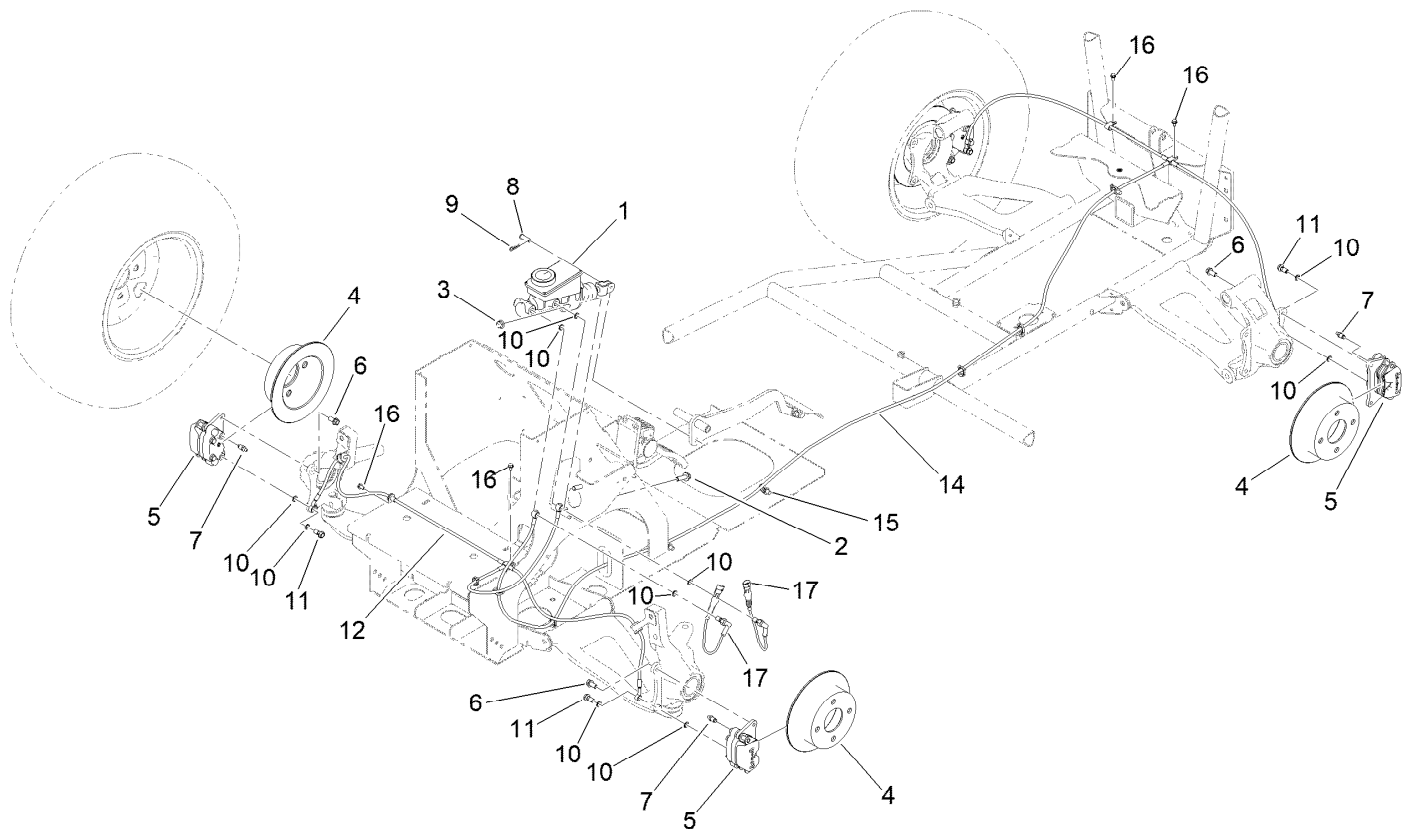
Ref.	Part Number	Qty.	Description
12	139-4655	1	Knob-Shifter
13	256-156	2	Bushing-Flange
14	92-1057	1	Bolt-Shoulder
15	104-8301	1	Nut-HF, NI
16	7-3900	1	Pad-Brake
17	140-2649	1	Cable-Shift
18	110-2554	1	Rod End-Spherical
19	147-2705	1	Rod End-Spherical
20	3296-3	1	Nut-Lock
21	32180-030	2	Clip-Tie



Steering Assembly

Ref.	Part Number	Qty.	Description
1	138-9322	1	Steering Rack ASM
1:21	140-4823	1	Kit-Tie Rod ASM, Utx
1:22	140-4592	1	Kit-Rod End ASM
1:22:2	3272-42	1	Pin-Cotter
1:22:3	140-2493	1	Nut-Hex, Slotted
2	32144-49	4	Screw-HWHTF
3	138-3347	1	Steering Shaft ASM
4	145-7145	3	Screw-HSH,Lock
5	138-3348	1	Motor-Power Steering
6	33104-016	3	Screw-HHF
7	138-3344	1	Upper Steering Shaft ASM
8	139-4439	1	Tilt Steering Column ASM
8:2	133-0594	2	Bushing-Flange

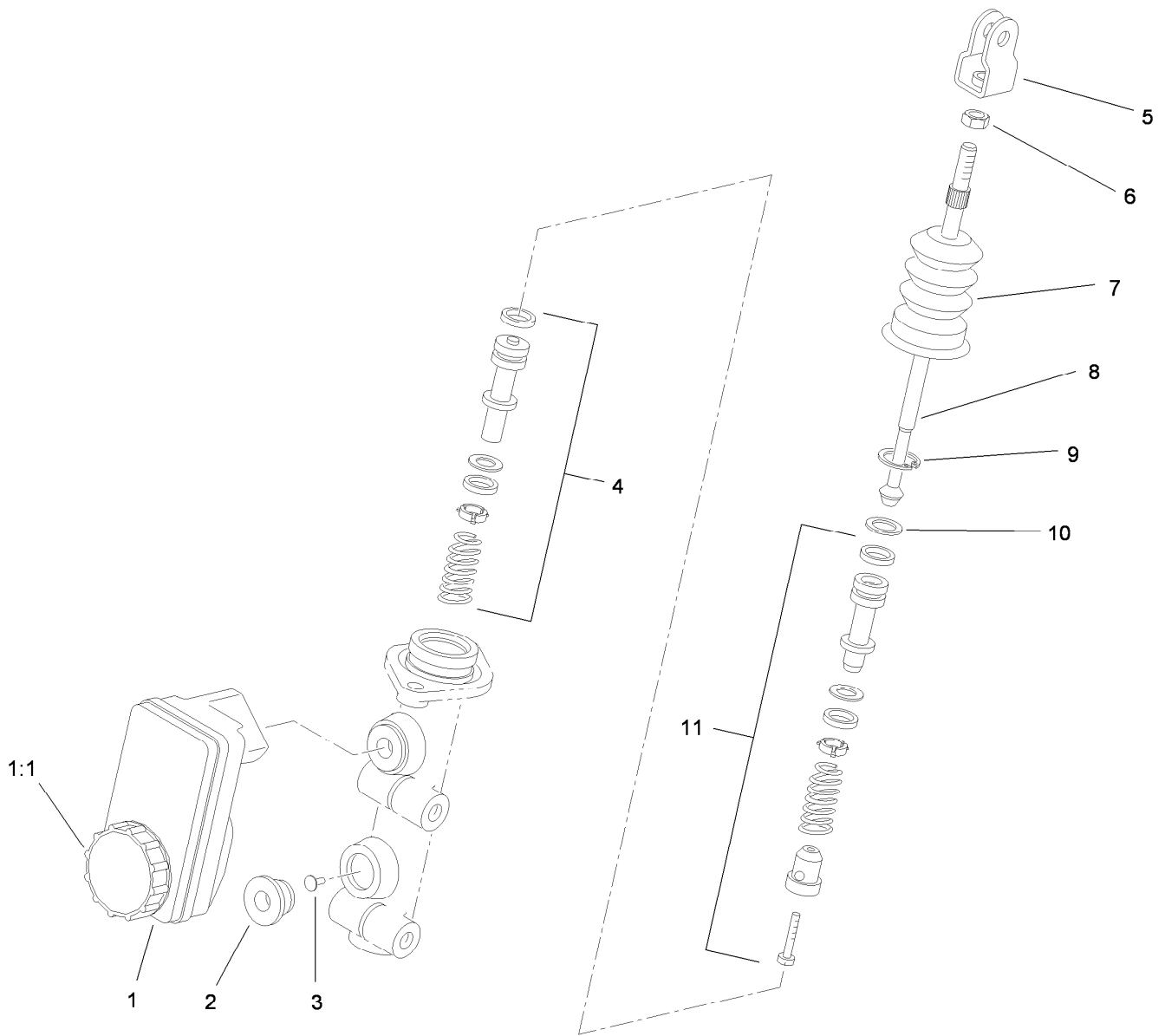
Ref.	Part Number	Qty.	Description
9	115-1958	2	Bolt-Shoulder
10	256-156	2	Bushing-Flange
11	137-2827	1	Spring-Gas, Adjustable Stop
12	3290-511	2	Screw-HSBH
13	130-6655	2	Nut-Flange, NI
14	144-5570	1	Steering Wheel ASM
15	99-5107	1	Nut-Lock
16	138-3349	1	Controller-Power Steering
17	33103-050	2	Screw-HHF
18	144-5567	1	Cover-Wheel, Steering
20	144-5566	1	Clip-Wheel, Steering
21	144-5537	2	Spring-Compression
22	94-4496	5	Screw-PPH



Brake Assembly

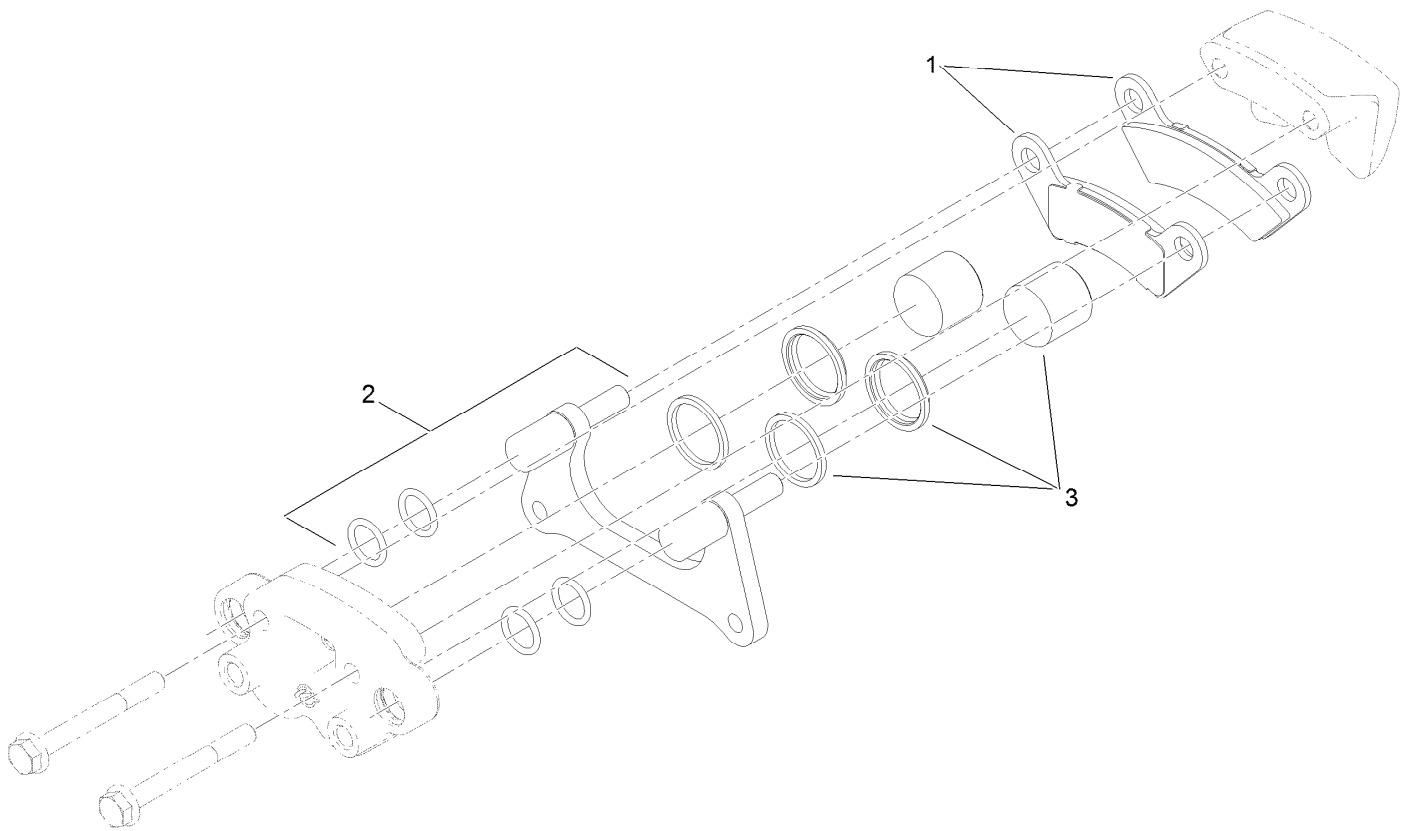
Ref.	Part Number	Qty.	Description
1	104-6782	1	Master Cylinder ASM
2	119-4061	2	Screw-HHF
3	104-8301	2	Nut-HF, NI
4	133-7273	4	Rotor-Brake
5	127-7424	4	Brake Caliper ASM
6	144-5550	8	Screw-Spl
7	119-9509	4	Screw-Bleed
8	283-2	1	Pin-Clevis

Ref.	Part Number	Qty.	Description
9	1-806003	1	Pin-Cotter
10	115-2341	12	Washer-Banjo
11	120-4875	4	Bolt-Flange, Banjo
12	137-6768	1	Hose ASM-Brake, Front
14	137-6769	1	Hose ASM-Brake, Rear
15	32180-030	8	Clip-Tie
16	32144-4	4	Screw-HWH
17	144-2227	2	Switch-Brake, Pressure



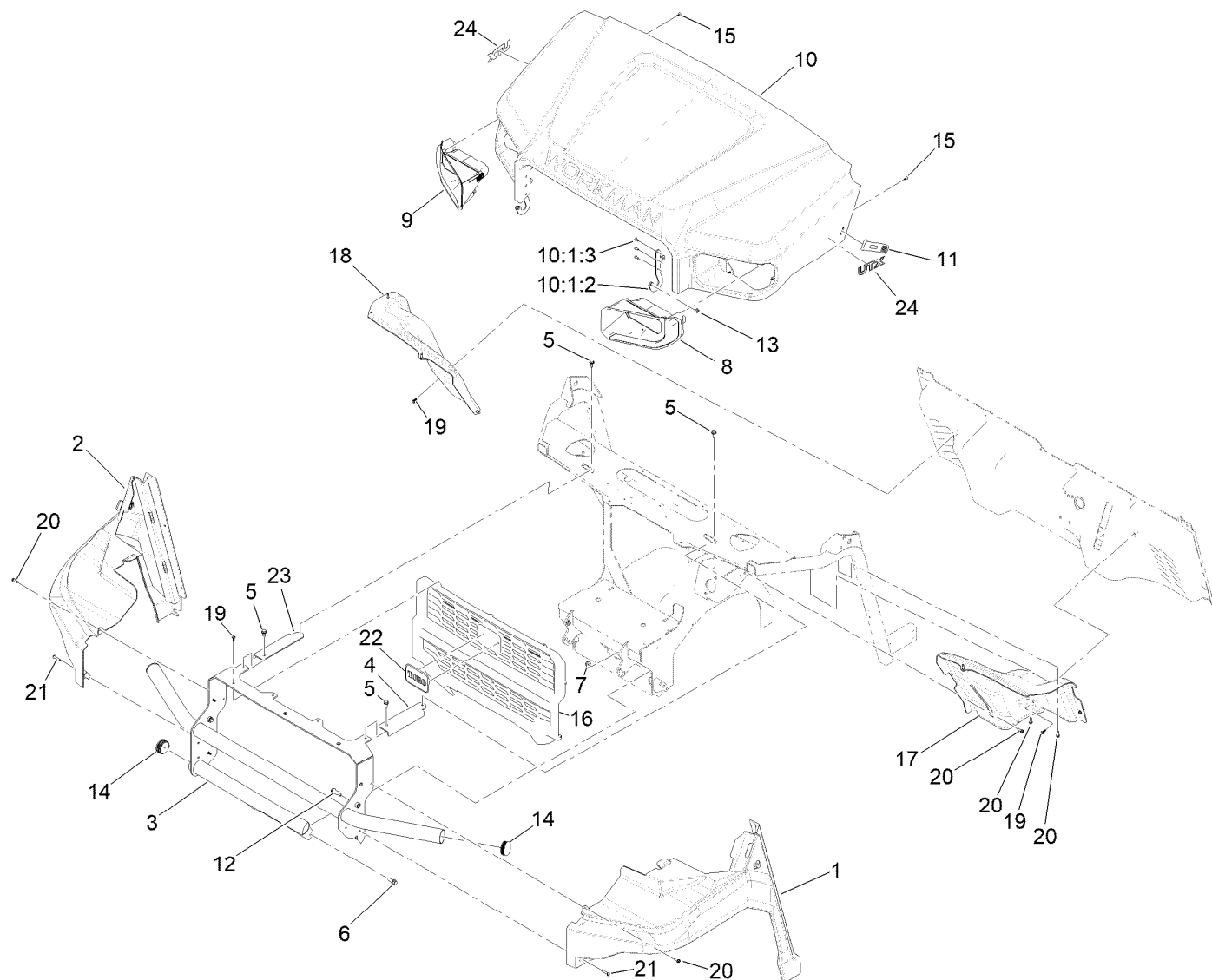
Master Cylinder Assembly No. 104-6782

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



Brake Caliper Assembly No. 127-7424

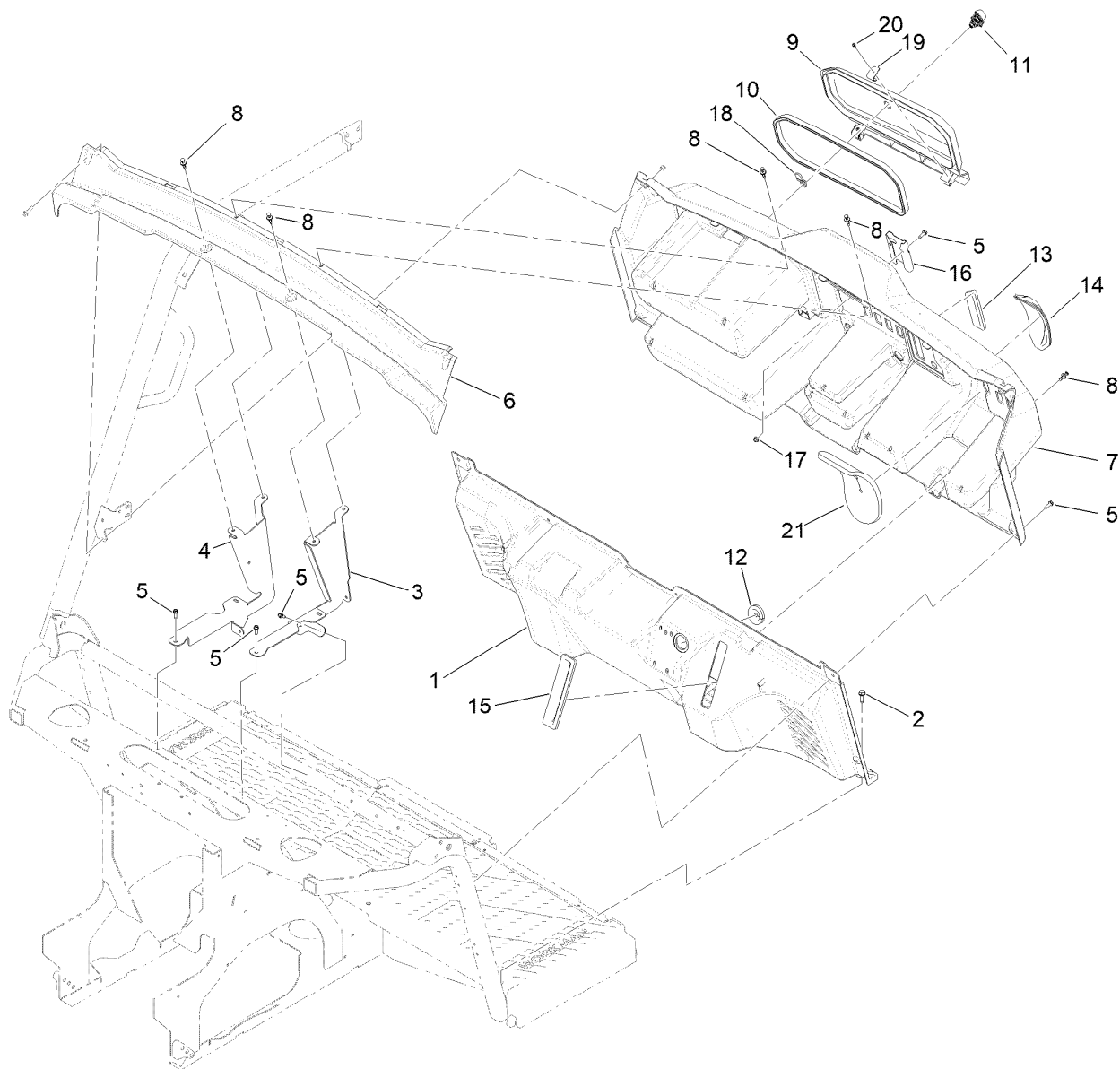
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	133-0628	1	Brake Pad Kit
2	119-9511	1	Bracket Kit
3	133-0614	1	Piston Kit



Hood and Front Fender Assembly

Ref.	Part Number	Qty.	Description
1	137-2816SP	1	Fender-Front, LH
2	137-2817SP	1	Fender-Front, RH
3	136-9540	1	UTV Bumper ASM
4	144-2421-05	1	Bracket-Mount, Utx Bumper [blk-Txt]
5	32144-70	4	Screw-HWHTF
6	3234-42	2	Screw-HHF
7	104-8301	2	Nut-HF, NI
8	138-5778	1	Headlight ASM, LH
9	138-5779	1	Headlight ASM, RH
10	137-6820SP	1	UTV Hood ASM
10:1:2	137-6817	2	Bracket-Pivot, Hood
10:1:3	114439	6	Rivet-Blind
11	137-6856	2	Strap-Hood

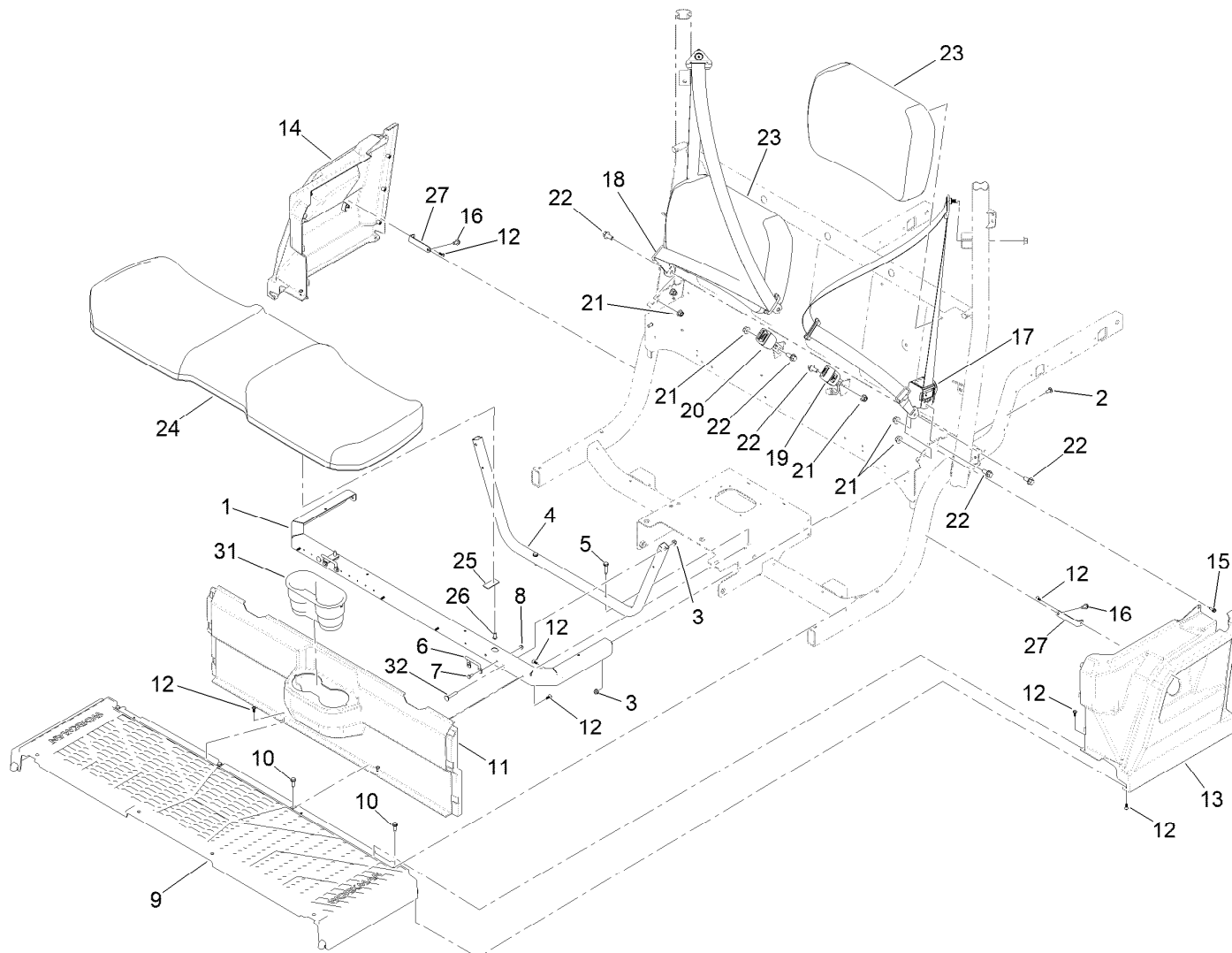
Ref.	Part Number	Qty.	Description
12	136-7192	2	Bolt-Shoulder, HHF
13	104-8300	2	Nut-HF, NI
14	137-6827	4	Plug-Plastic
15	139-3430	8	Screw-Bhf
16	140-4646	1	Grill-Utx
17	138-5765	1	Fender-Inner, LH
18	138-5766	1	Fender-Inner, RH
19	138-5775	9	Screw-Delta Point
20	49-2040	12	Screw-HWHTF
21	132-6777	2	Screw-Twh Thd Roll
22	144-2294	1	Emblem-Toro
23	144-2423-05	1	Bracket-Mount, Utx Bumper [blk-Txt]
24	144-1145	2	Decal-Utx, Emblem



Dash Assembly

Ref.	Part Number	Qty.	Description
1	137-2749SP	1	Footboard
2	701243	4	Screw-Thd Roll, HWH
3	145-2174-03	1	Bracket-Dash, LH
4	145-2178-03	1	Bracket-Dash, RH
5	49-2040	10	Screw-HWHTF
6	138-0041SP	1	Panel-Windshield, Dash
7	138-0040SP	1	Dash
8	125-9622	8	Rivet-Blind
9	138-0039SP	1	Door-Glove Box
10	139-3462	1	Seal-Door, Glove Box
11	140-4679	1	Latch-Quarter Turn

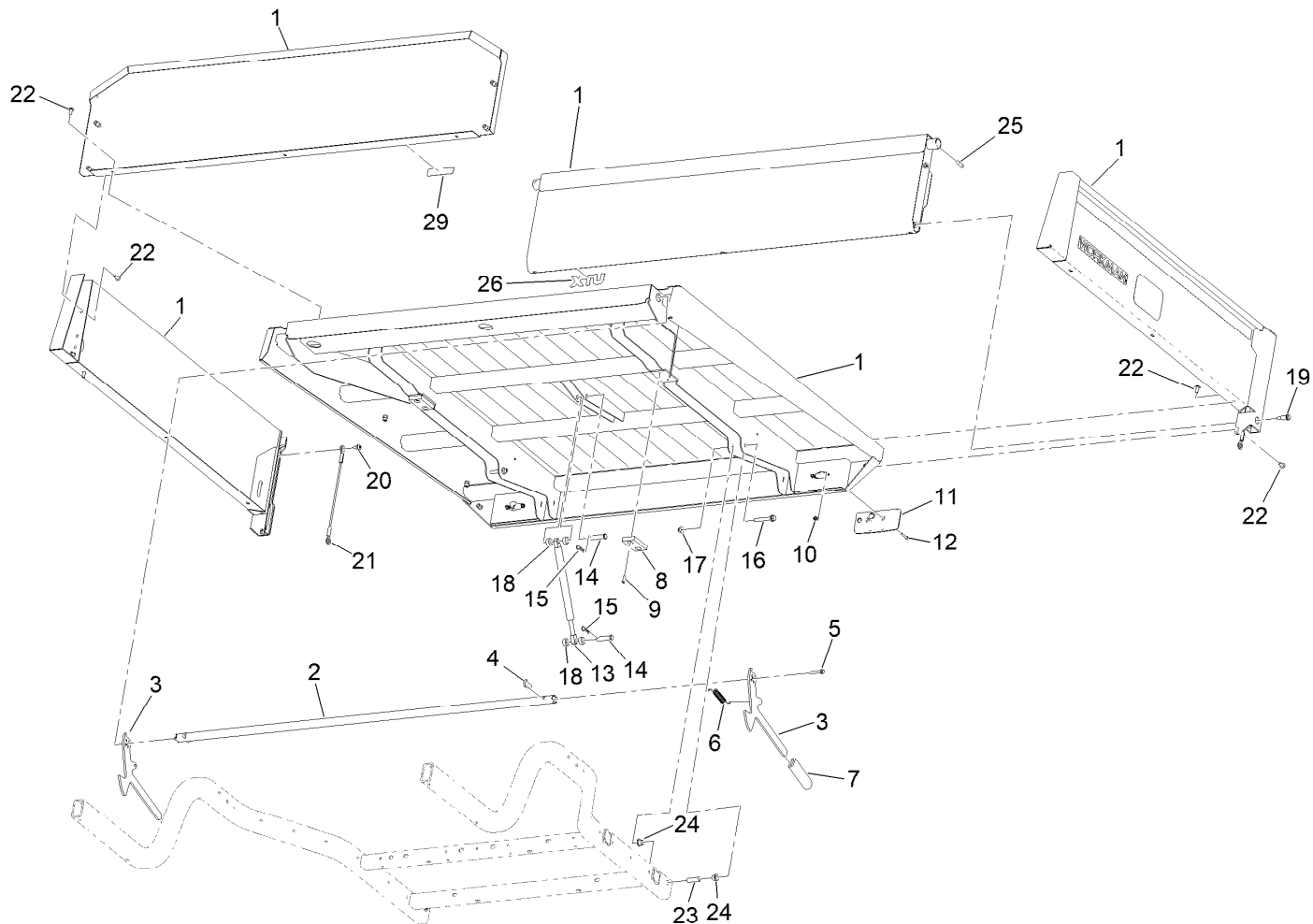
Ref.	Part Number	Qty.	Description
12	139-3436	1	Grommet
13	139-3487	1	Grommet-Shifter
14	139-3488	1	Grommet-Steering Column
15	139-3489	1	Grommet-Brake Pedal
16	139-3449-05	1	Bracket-Mount, Radio
17	104-7201	2	Nut-HF, NI
18	140-4680	1	Cam-Latch, Quarter Turn
19	145-0840	2	Bracket-Glove Box
20	32144-42	2	Screw-Thd Form, HWH
21	147-2822	1	Seal-Foam, Steering Column



Seat Base Assembly

Ref.	Part Number	Qty.	Description
1	137-6896-03	1	Frame-Seat, Bottom
2	3230-23	2	Bolt-CARR
3	104-8300	4	Nut-HF, NI
4	137-2746-03	1	Tube-Support, Seat
5	32144-57	2	Screw
6	137-6888	2	Wire-Hinge
7	321-3	4	Screw-HH
8	104-7201	4	Nut-HF, NI
9	137-6874SP	1	Plate-Floor
10	701243	4	Screw-Thd Roll, HWH
11	137-6875SP	1	Panel-Seat Base
12	138-5775	14	Screw-Delta Point
13	137-2813SP	1	Panel-Seat Base, LH
14	137-2814SP	1	Panel-Seat Base, RH
15	49-2040	2	Screw-HWHTF

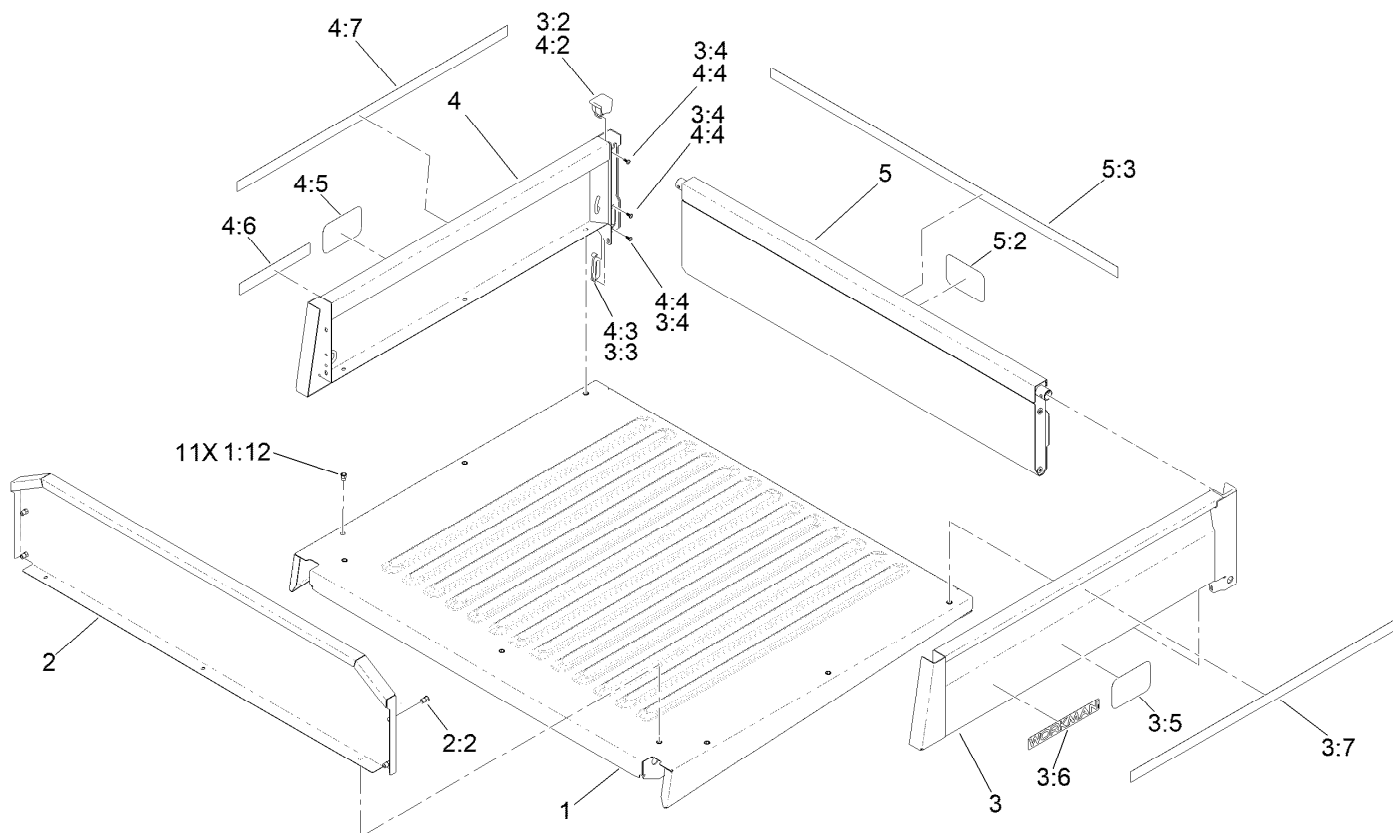
Ref.	Part Number	Qty.	Description
16	32144-70	2	Screw-HWHTF
17	140-2676	1	Retractor-Seat Belt, LH
18	140-2677	1	Retractor-Seat Belt, RH
19	140-2678	1	Buckle-Seat Belt, W/Switch
20	140-2679	1	Buckle-Seat Belt
21	144-2269	6	Nut-HF, NI
22	144-2289	6	Screw-HHF
23	145-2211	2	Seat Backrest ASM
24	145-2207	1	Bench Seat Bottom ASM
25	145-7954	2	Bracket-Hinge, Seat
26	3274-55	2	Screw-HSBH
27	138-9411	2	Support-Panel-Side
31	139-3454	1	Cup Holder
32	3230-5	2	Bolt-CARR



Cargo Bed Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1		1	Cargo Bed Kit ●	15	3290-467	2	Pin-Hair
2	139-4421-03	1	Tube-Latch	16	3234-39	2	Screw-HHF
3	147-2709	2	Latch-Bed	17	104-8301	2	Nut-HF, NI
4	139-4422	2	Plate-Threaded	18	66-6500	4	Spacer-Wheel
5	147-2746	2	Screw-HHF,Lock	19	147-2747	2	Screw-Shoulder,HHF,Lock
6	140-2663	2	Spring-Extension	20	120-9471	4	Bolt-Shoulder
7	1-633268	2	Grip-Lever	21	130-5726	2	Lanyard
8	93-9719	2	Block-Wear	22	126-6268	15	Screw-TTH
9	3274-69	4	Screw-HSBH	23	144-2211	2	Sleeve-Pivot, Bed
10	120-4578	4	Nut-HF	24	125-5239	4	Bushing-Flange
11	139-2071	2	Light-Rear Tail/Stop/Turn	25	133-7146	2	Plug-Tailgate, Anti-Rattle
12	3250-52	4	Screw-PPH	26	144-1145	1	Decal-Utx, Emblem
13	139-4417	1	Spring-Gas	29	144-1144	1	Decal-Cargo Bed Safety
14	283-5	2	Pin-Clevis				

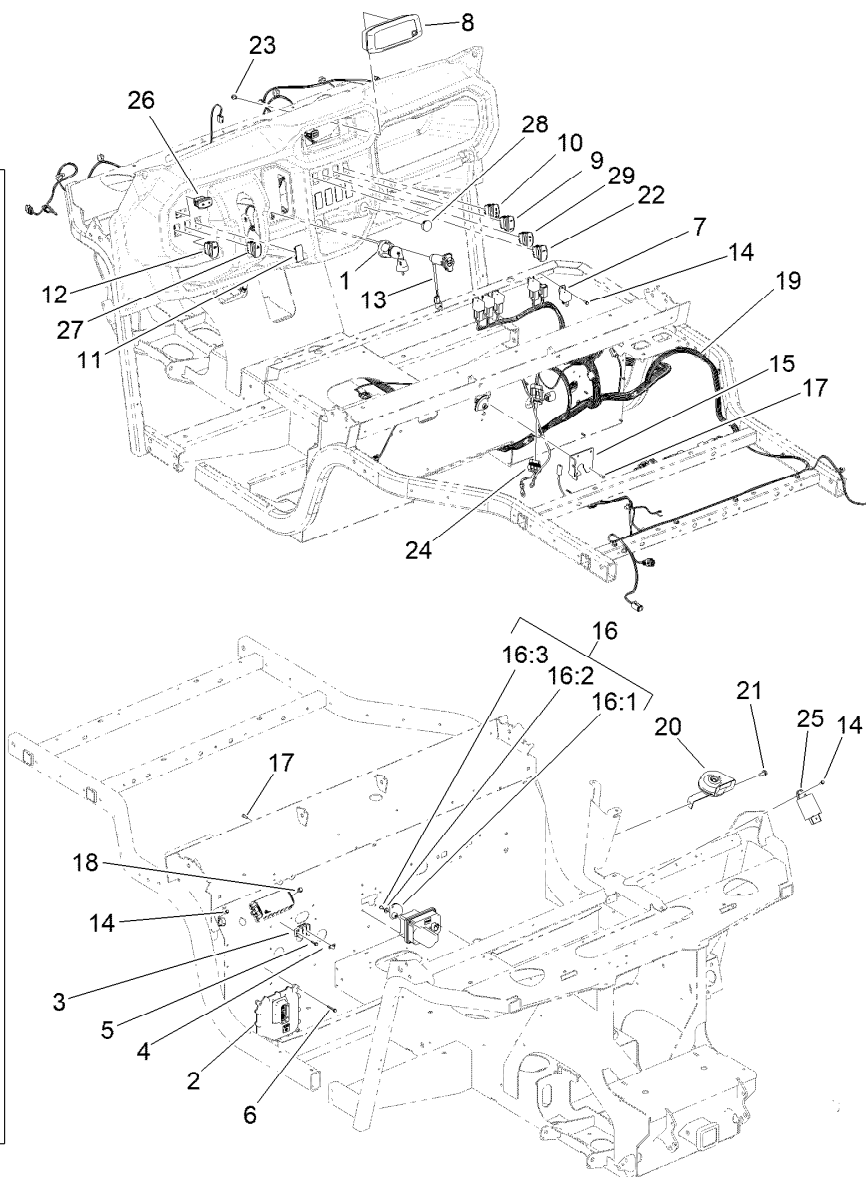
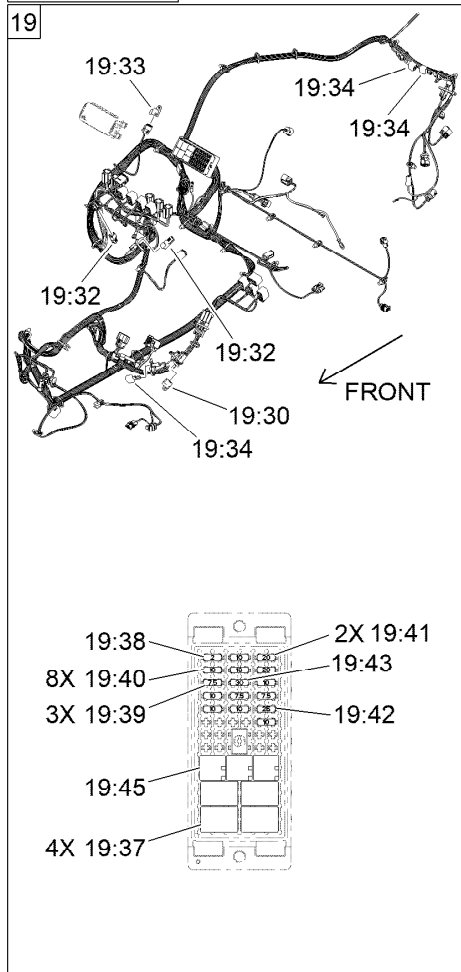
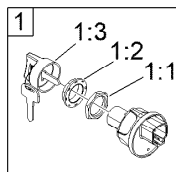
● Not serviced separately



Cargo Bed Kit Assembly

Ref.	Part Number	Qty.	Description
1	147-2750	1	Flat Bed ASM
1:12	138-2899	15	Nut-Clinch
2	140-4675	1	Panel ASM-Front, Bed
2:2	138-2899	4	Nut-Clinch
3	147-8103	1	Bed Side ASM, LH
3:2	140-2690	1	Retainer-Tailgate
3:3	139-4690	1	Bushing-Tailgate
3:4	138-5775	3	Screw-Delta Point
3:5	105-1217	1	Decal
3:6	140-4835	1	Decal-Workman, Gray
3:7	144-2277	1	Decal-Red Stripe, 43"

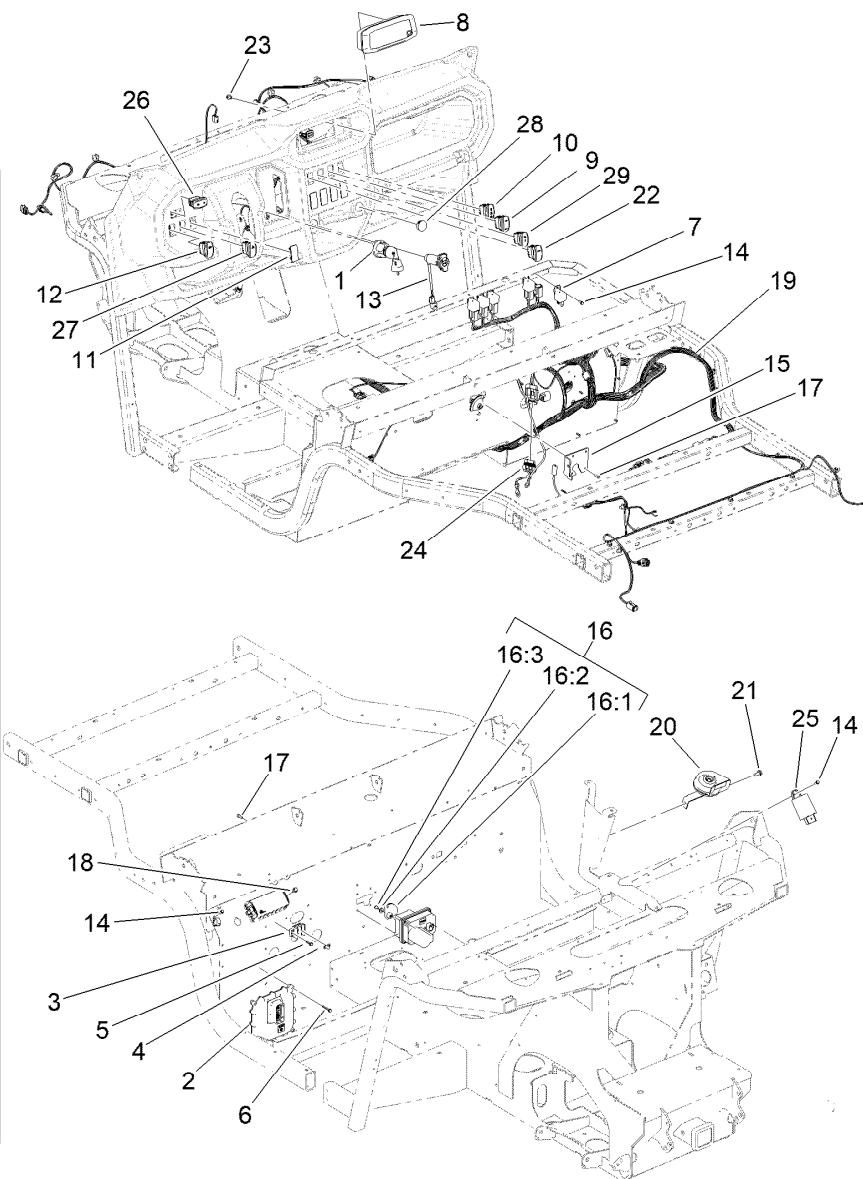
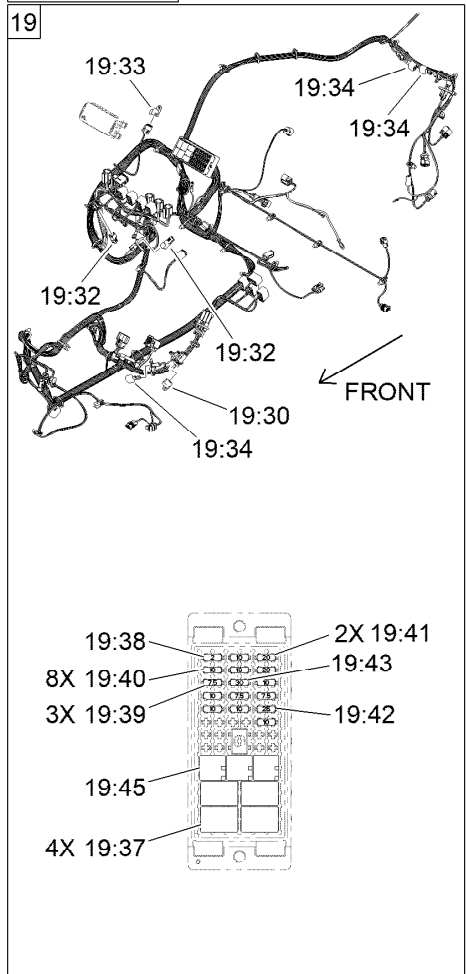
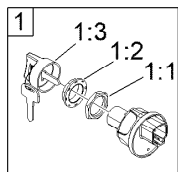
Ref.	Part Number	Qty.	Description
4	147-8104	1	Bed Side ASM, RH
4:2	140-2690	1	Retainer-Tailgate
4:3	139-4690	1	Bushing-Tailgate
4:4	138-5775	3	Screw-Delta Point
4:5	105-1217	1	Decal
4:6	140-4835	1	Decal-Workman, Gray
4:7	144-2277	1	Decal-Red Stripe, 43"
5	147-8102	1	Tailgate ASM
5:2	105-1217	1	Decal
5:3	144-2281	1	Decal-Red Stripe, 55.25"



Electrical Assembly

Ref.	Part Number	Qty.	Description
1	122-3614	1	Switch-Ignition
1:1	121-5160	1	Nut-Hex
1:2	122-2704	1	Nut-Face, M22 (Plastic)
1:3	121-5162	1	Set-Key, Ignition
2	127-2770	1	Controller
3	42862	1	Block-Terminal, Ground
4	42863	1	Strip-Jumper
5	100-4351	2	Screw-HWH
6	32144-110	4	Screw-HWH
7	99-7435	5	Relay
8	136-9450	1	Cluster-Instrument
9	144-2440	1	Switch-Rocker, On-None-On
10	144-2445	1	Switch-Rocker, On-On-On
11	99-7420	5	Plug-Hole
12	144-2405	1	Switch-Rocker, On-None-On
13	139-3420	1	Port-USB
14	32144-112	7	Screw-HWH
15	138-5610	1	Bracket-Cable, Actuator
16	136-9434	1	Actuator ASM-Throttle

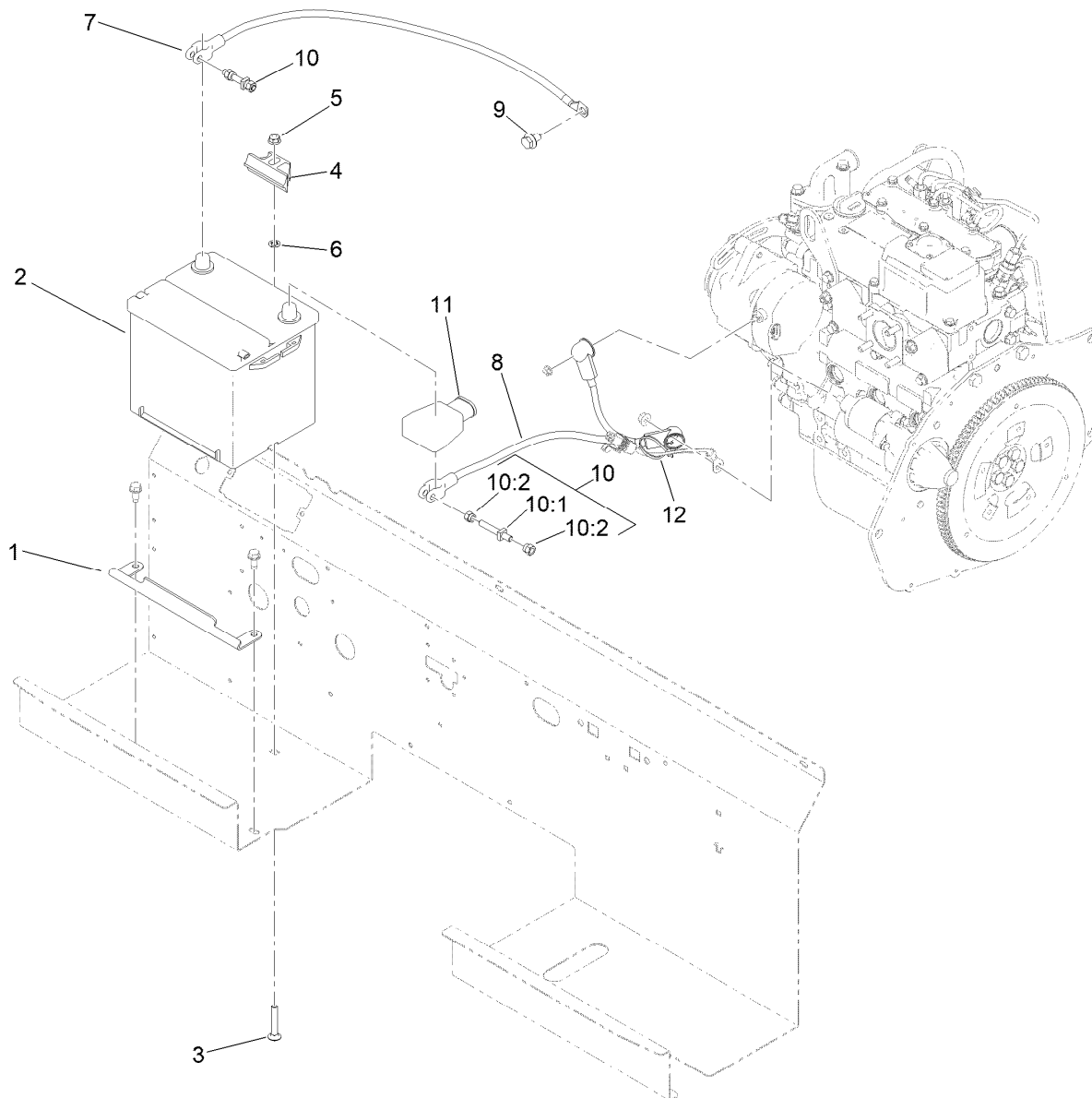
Ref.	Part Number	Qty.	Description
16:1	137-9945	1	Bellcrank-Actuator, Throttle
16:2	111-6953	1	Washer Plain
16:3	47-2830	1	Screw
17	60-6910	4	Screw-HH
18	33103-012	2	Screw-HHF
19	122-2166	1	Harness-Wire, Utx Diesel 2 Passenger
19:30	32180-156	1	Cap-Plug, 6 Way
19:32	32180-282	2	Resistor-120 Ohm
19:33	32180-089	1	Cap-Plug, 3 Way
19:34	100-4918	3	Diode
19:37	126-3991	4	Relay-Micro
19:38	121-8861	1	Fuse-Mini Blade, 2 Amp
19:39	121-8865	3	Fuse-Mini Blade, 7.5 Amp
19:40	121-8866	8	Fuse-Mini Blade, 10 Amp
19:41	121-8868	2	Fuse-Mini Blade, 20 Amp
19:42	121-8869	1	Fuse-Mini Blade, 25 Amp
19:43	121-8870	1	Fuse-Mini Blade, 30 Amp
19:45	126-6157	4	Relay-Micro 280, Spdt
20	139-4557	1	Horn-ASM
21	32144-70	1	Screw-HWHTF



Electrical Assembly (continued)

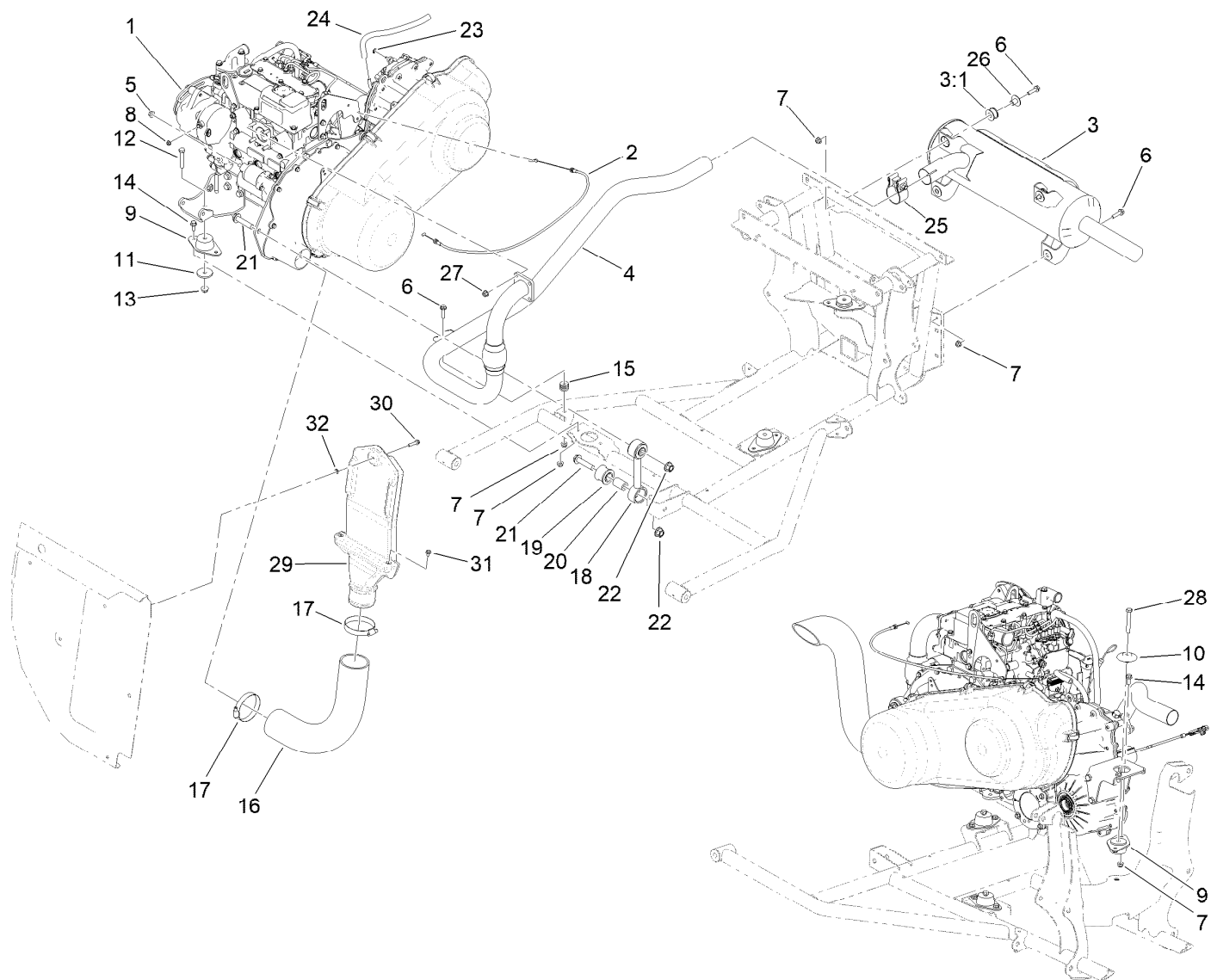
Ref.	Part Number	Qty.	Description
22	144-2415	1	Switch-Rocker, (On)-None-Off
23	3234-13	2	Screw-HHF
24	99-3441	1	Harness-Wire, Fusible Link
25	139-2080	1	Flasher-Dual Rate

Ref.	Part Number	Qty.	Description
26	144-2425	1	Switch-Rocker, On-Off-On
27	144-2400	1	Switch-Rocker, On-None-On
28	145-2160	1	Plug-Panel
29	145-2200	1	Switch-Rocker, (On)-On-Off



Battery Assembly

Ref.	Part Number	Qty.	Description
1	147-8051	1	Hold Down-Battery
2	106-5187	1	Battery- Dry, 12V, 525 CCA
3	3230-6	1	Bolt-CARR
4	138-6335	1	Retainer-Battery
5	104-8300	1	Nut-HF, NI
6	109-5667	1	Nut-Push
7	122-1781	1	Cable-Battery, Bk ASM
8	122-1782	1	Cable-Battery, Rd ASM
9	33105-016	1	Screw-HHF
10	112-9921	2	Bolt ASM
10:1	32180-107	1	Bolt-Clamp, Battery
10:2	32180-108	2	Nut-Hex Shoulder
11	32180-110	1	Insulator-Lead Cast
12	3290-378	1	Tie-Cable

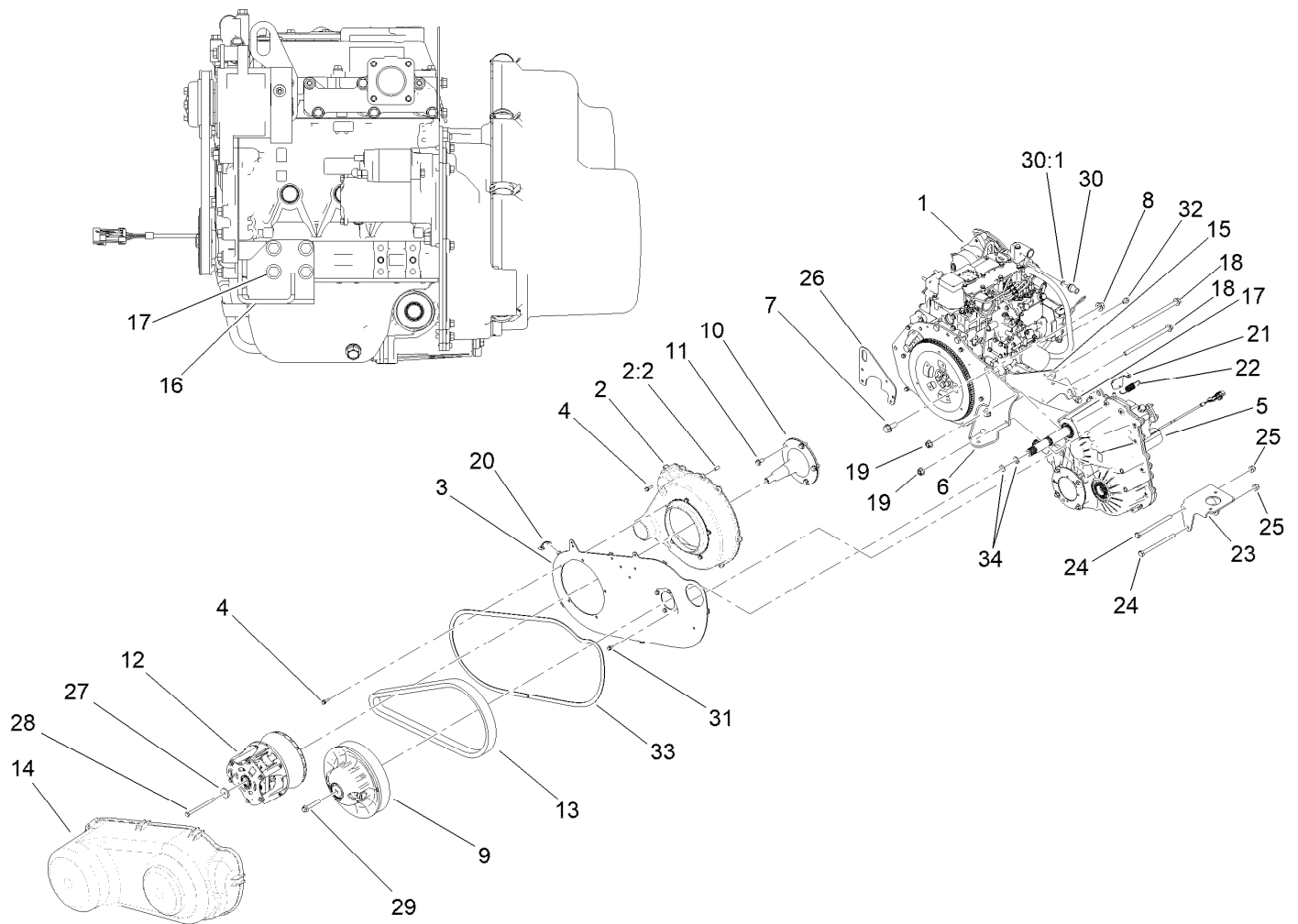


Engine Drivetrain and Exhaust Assembly

Ref.	Part Number	Qty.	Description
1		1	Engine/Drivetrain ASM ●
2	137-9931	1	Cable-Throttle Actuator, Diesel
3	138-9335	1	Muffler ASM (With Mounts)
3:1	138-9300	4	Isolator-Mount, Muffler
4	140-2618	1	Pipe-Exhaust (Diesel)
5	33004-00	1	Nut-HF
6	3234-36	5	Screw-HHF
7	104-8300	11	Nut-HF, NI
8	33003-00	1	Nut-HF
9	139-0856	3	Mount-Engine
10	138-6462	1	Support-Isolator
11	80-8560	2	Washer-Hardened
12	323-11	2	Screw-HH
13	104-8301	2	Nut-HF, NI
14	3234-47	6	Screw-HHF
15	131-5945	1	Isolator-Engine

Ref.	Part Number	Qty.	Description
16	147-2704	1	Duct-Inlet, Cvt
17	2412-125	2	Clamp-Hose
18	140-4685	1	Link Rod ASM
19	140-4697	2	Bushing, Rubber
20	109-5010	2	Spacer
21	3234-46	2	Screw-HHF
22	99-5107	2	Nut-Lock
23	32151-86	1	E-Ring
24	110-4110	1	Hose-Fuel
25	144-2413	1	Clamp-Manifold (1.87" DIA)
26	138-9301	4	Mount-Top Hat, Muffler
27	104-2612	4	Nut-HF
28	323-12	1	Screw-HH
29	147-2700	1	Hood-Cvt Intake
30	32144-110	1	Screw-HWH
31	3234-26	2	Screw-HHF
32	1-803037	1	Nut-Retaining

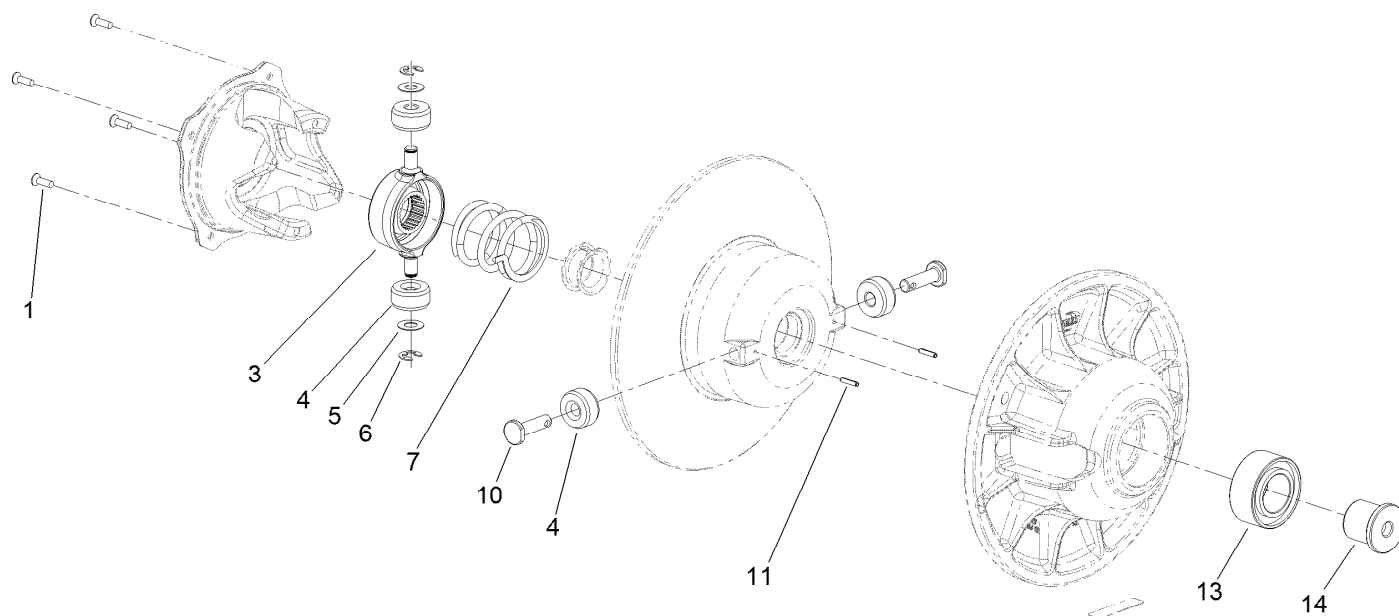
● Not serviced separately



Engine, Transaxle and Clutch Assembly

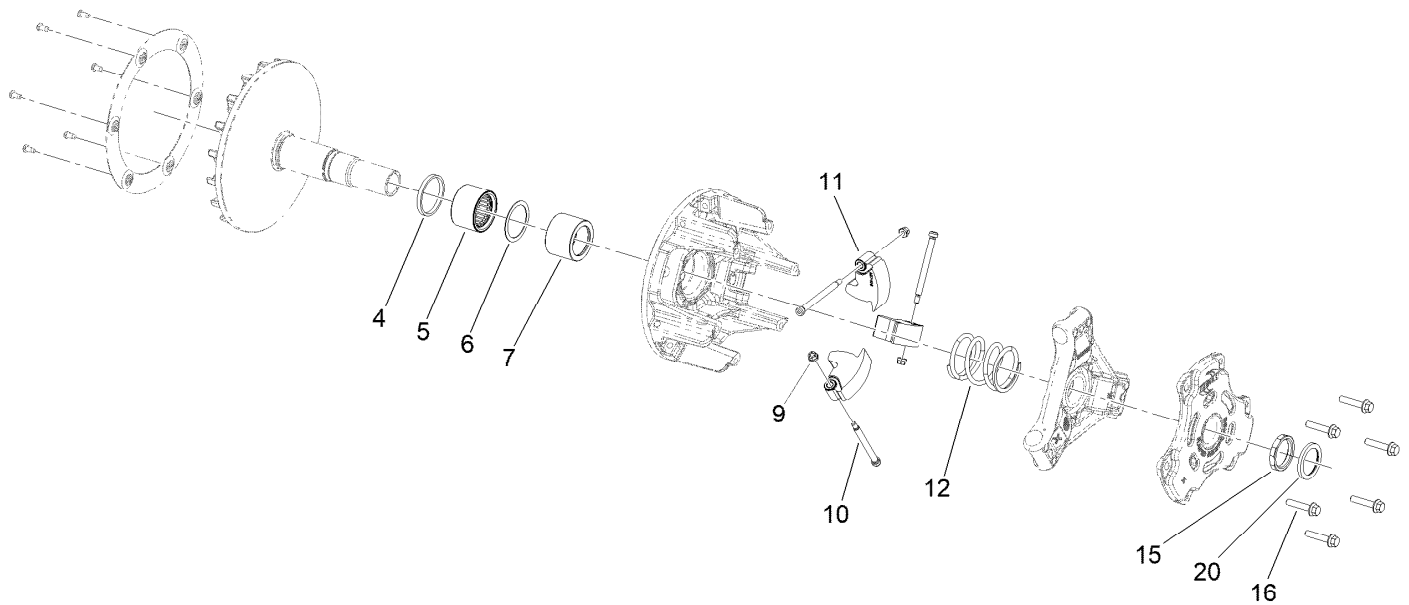
Ref.	Part Number	Qty.	Description
1	136-9431	1	Engine-Yanmar, 3Tnm74F-Natr
2	140-4768	1	Housing ASM-Flywheel, Diesel
2:2	87-1910	2	Pin-Dowel
3	139-4598-0P	1	Plate-Spanner
4	110-3986	13	Screw
5	140-2611	1	Transaxle ASM
6	140-2604-0P	1	Bracket-Transmission, LH
7	3234-38	2	Screw-HHF
8	99-5107	2	Nut-Lock
9	139-4591	1	Clutch-Secondary
10	140-2602	1	Adapter-Clutch
11	138-0690	5	Screw-HH
12	139-4590	1	Clutch-Primary
13	145-7789	1	Belt-Variable
14	140-2603	1	Enclosure-Cvt
15	145-2105-0P	1	Bracket-Trans, RH (Diesel)
16	147-8089	1	Mount-Engine, Compressor

Ref.	Part Number	Qty.	Description
17	33105-020	8	Screw-HHF
18	140-2689	2	Screw-HH
19	114-8417	2	Nut-HF, NI
20	140-4669	6	Clip-Spring
21	139-4581	1	Bracket-Spring, Throttle
22	145-7792	1	Spring-Extension
23	140-2624-0P	1	Bracket-Drivetrain, Rear
24	33115-140	2	Screw-HH
25	103-9511	2	Nut-Lock, NI
26	136-9440	1	Bracket-Throttle Cable
27	104-6550	1	Washer-Clutch
28	99-7201	1	Screw-HH
29	140-4777	1	Screw-HHF
30	140-4766	1	Fitting-Straight
30:1	140-4770	1	Washer-Copper
31	104-2628	4	Screw
32	68-9410	1	Screw-HHF
33	145-7799	1	Gasket-Cover, Cvt
34	36-4780	2	Washer-Plain



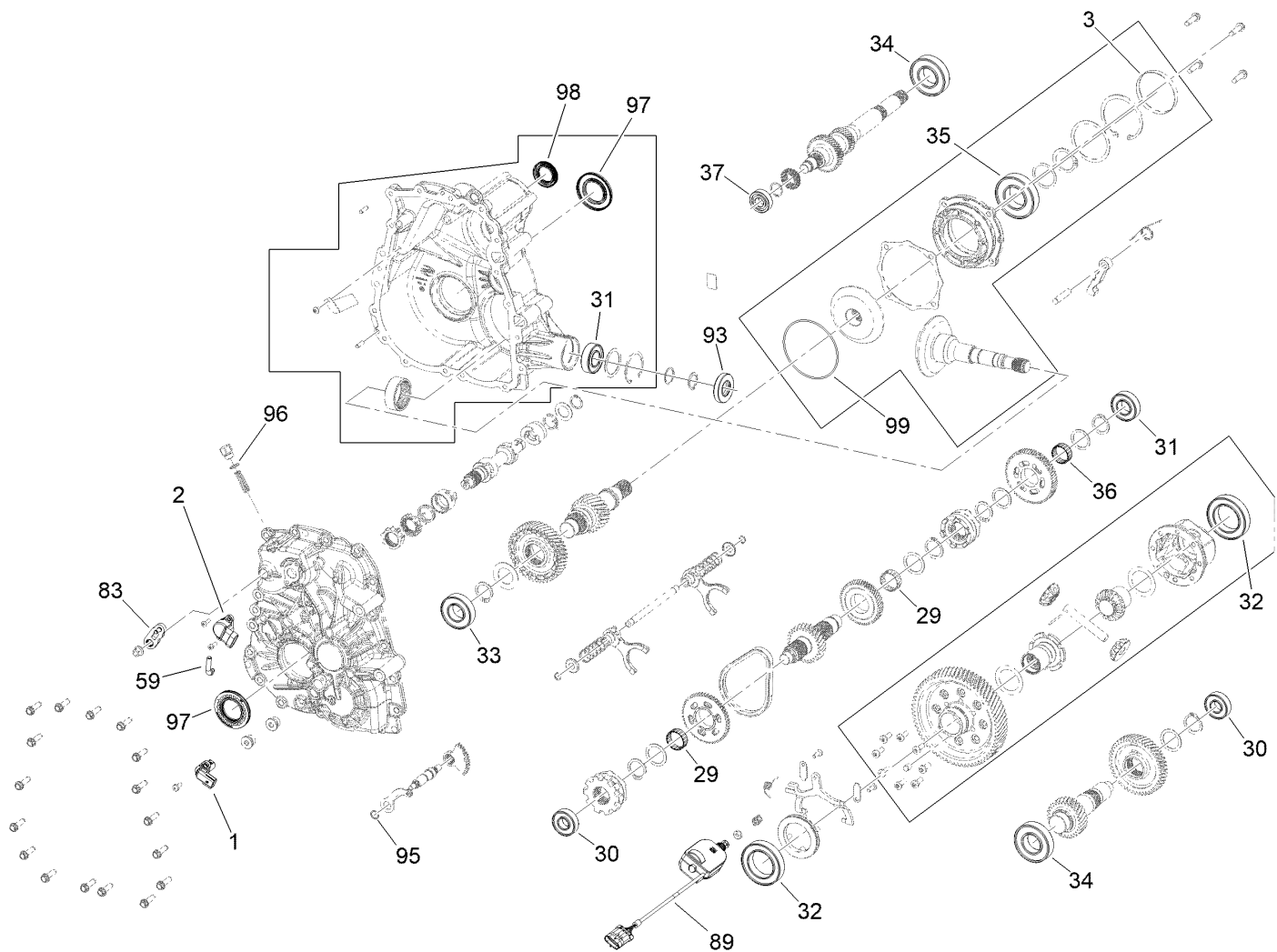
Secondary Clutch Assembly No. 139-4591

Ref.	Part Number	Qty.	Description
1	145-2104	4	Screw, Machine Torx Sfch 10-32 X .625
3	145-2025	1	Spider 9.5 25T Mach
4	145-2026	4	Roller-Clutch 1.135 X .550
5	130-4059	2	Washer-Thrust
6	130-4058	2	E-Ring
7	145-2027	1	Spring-Comp 2.00 OD Secondary 175-320
10	130-4063	2	Pin-Roller
11	130-4065	2	Pin-Spring, Slotted
13	145-2028	1	Bearing-Ball
14	145-2029	1	Sleeve-Shoulder



Primary Clutch Assembly No. 139-4590

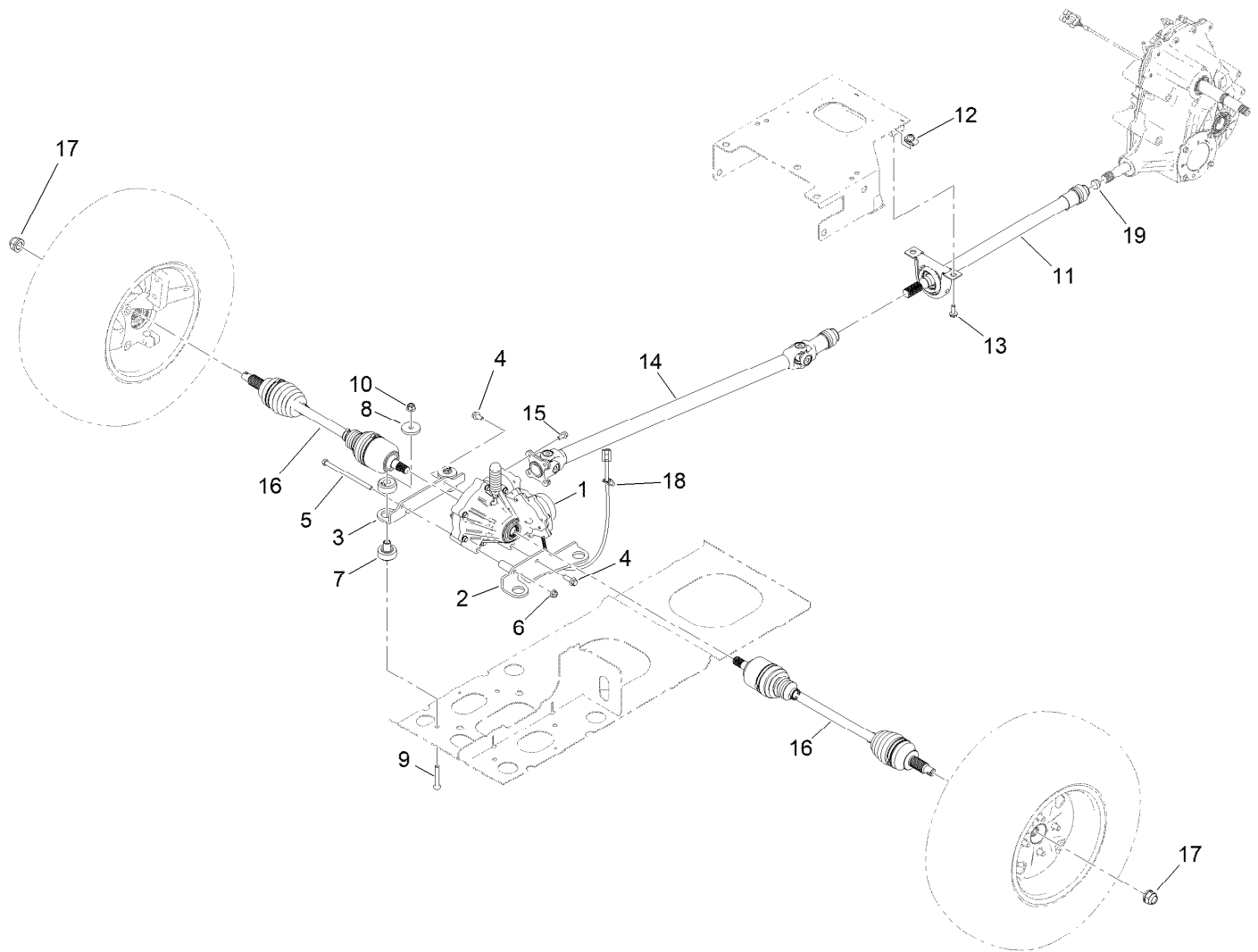
Ref.	Part Number	Qty.	Description
4	145-2018	1	Washer-Thrust
5	145-2019	1	Subassembly, Idler Primary
6	130-4069	1	Washer-Thrust
7	145-2020	1	Cap-Idler Sleeve
9	145-2103	3	Nut, Lock Hex 10-24 Flexloc
10	119-6016	3	Screw-Shoulder
11	145-2021	3	Weight-Clutch M17-198
12	145-2022	1	Spring-Compression 2.00 OD Primary 70-13
15	145-2023	1	Nut-Jam
16	145-2024	6	Screw-Hex Flange 1/4-20 X 1.25
20	145-7784	1	Collar Primary Shift Stop



Transaxle Assembly No. 140-2611

Ref.	Part Number	Qty.	Description
1	145-2039	1	Sensor,Speed, Transaxle
2	145-2040	1	Sensor, Assembly, Rotary Position
3	145-2030	1	Plug-Expansion 80MM X 10MM
29	130-4616	2	Bearing-Needle
30	145-2031	2	Bearing, Ball 6204 C3
31	145-2032	2	Bearing, Ball 6205 C3
32	130-4666	2	Bearing-Ball
33	145-2033	1	Bearing, Ball 6206 C3
34	145-2034	2	Bearing, Ball 6207 C3
35	145-2035	1	Bearing, Ball 6208 C3
36	130-4618	1	Bearing-Needle
37	145-2036	1	Bearing, Ball 6203 C3

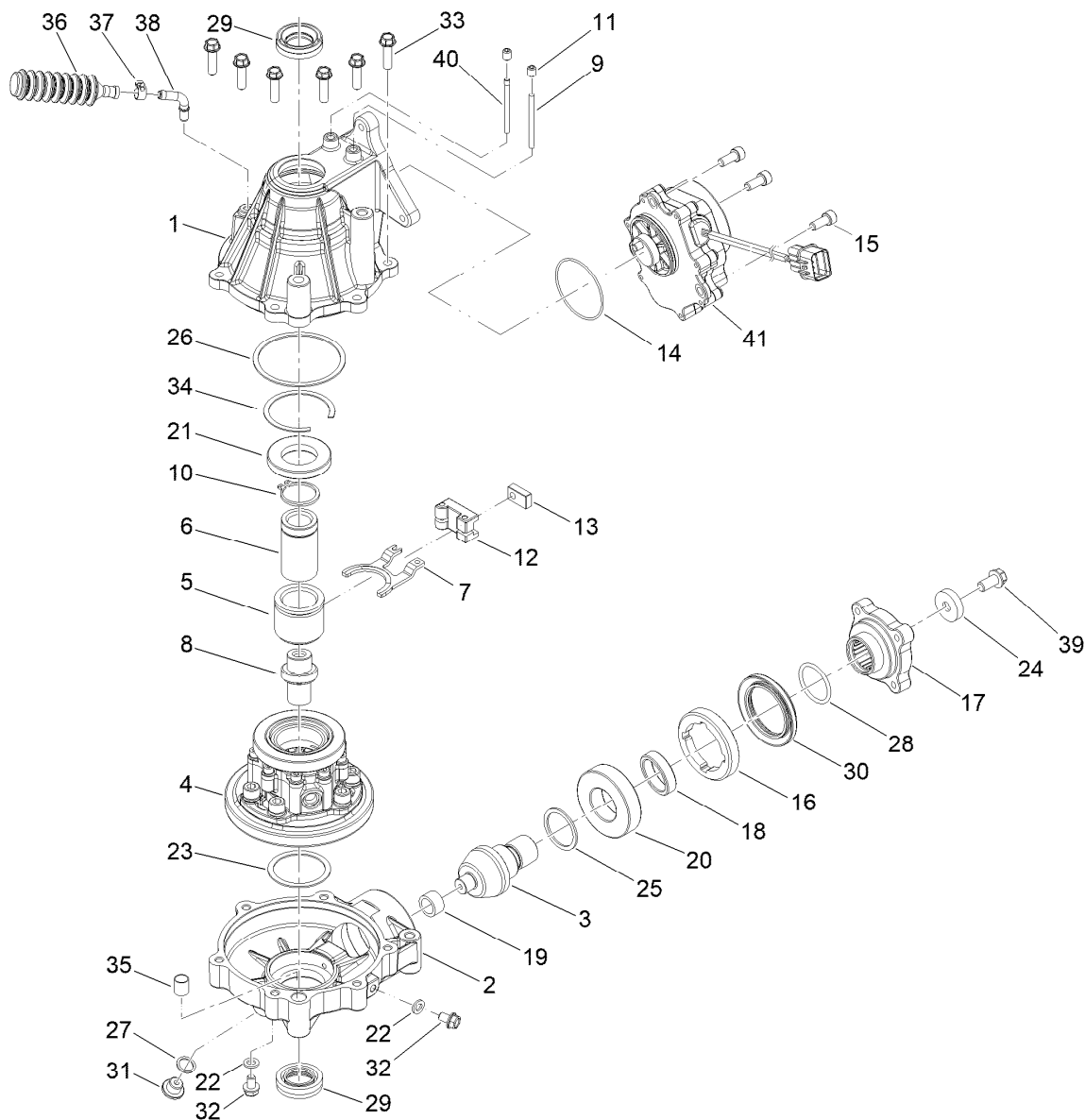
Ref.	Part Number	Qty.	Description
59	145-2037	1	Tube,Vent, 90-1/4" Hose
83	145-2038	1	Subassembly, Bellcrank
89	145-2041	1	Shift Actuator, 2 Position
93	145-2042	1	Seal, Triple Lip, 0.984 X 2.047 X 0.394
95	145-2043	1	O-Ring
96	145-2044	1	O-Ring, 0.530 ID X .082 Wide
97	145-2045	2	Seal, Triple Lip, Viton, 40 X 70 X 7
98	145-2046	1	Seal, Triple Lip, 1.180 X 1.8520 X 0.315
99	145-2047	1	O-Ring, Nitrile



Front Differential and Driveshaft Assembly

Ref.	Part Number	Qty.	Description
1	140-4752	1	Differential-Front
2	144-2213-0P	1	Mount ASM-Differential, LH
3	140-4692-0P	1	Mount-Differential, RH
4	145-7778	2	Screw-HHF
5	323-26	1	Screw-HH
6	104-8301	1	Nut-HF, NI
7	147-2708	4	Mount-Isolator
8	109-6919	4	Washer-Plain
9	144-2215	4	Screw-Bht
10	114-8417	4	Nut-HF, NI

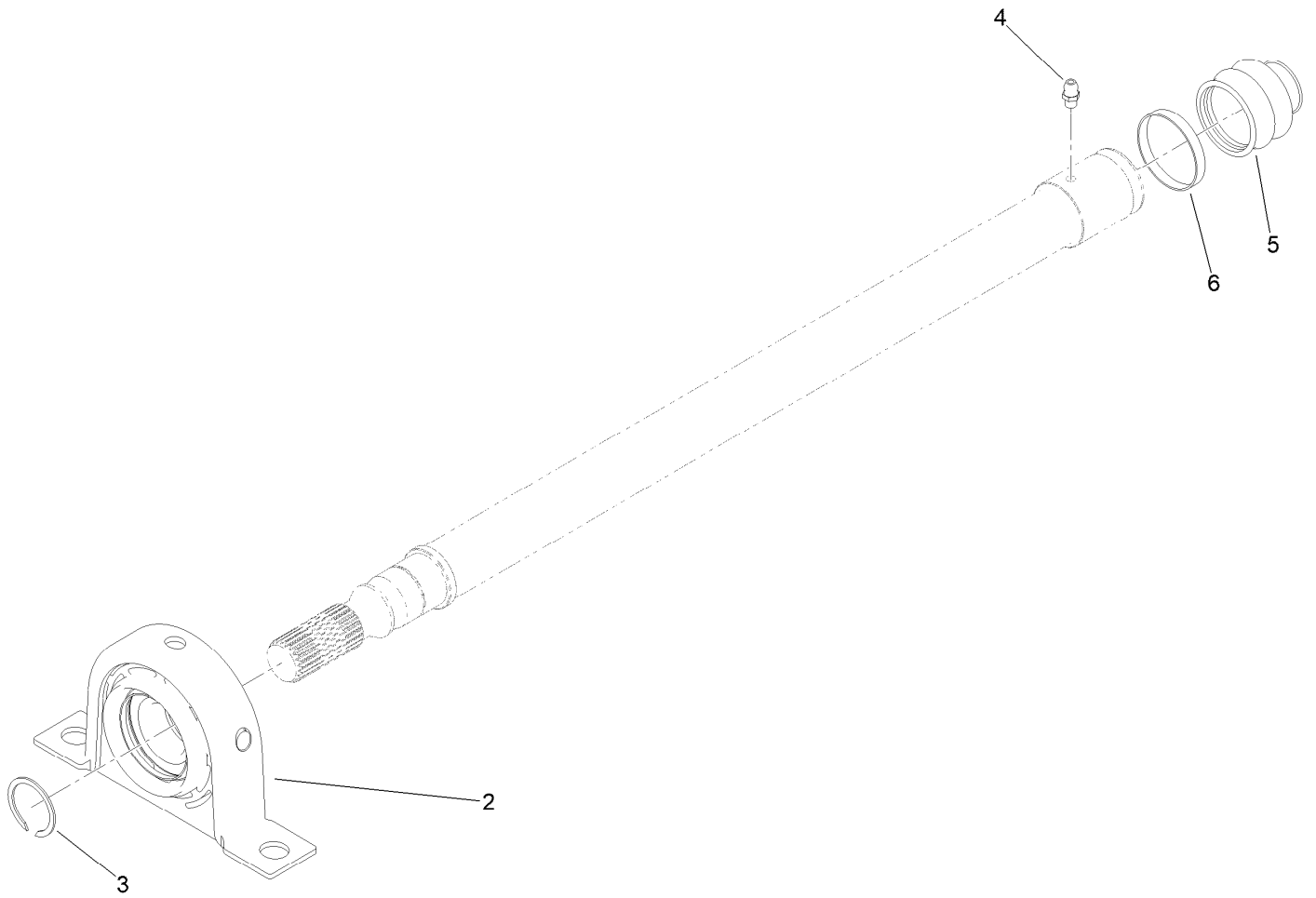
Ref.	Part Number	Qty.	Description
11	140-4771	1	Driveshaft ASM-Intermediate
12	105-4886	2	Nut-Tinnerman
13	3234-42	2	Screw-HHF
14	140-2647	1	Driveshaft ASM
15	139-3392	4	Screw-Lock
16	140-2644	2	Cv Axle ASM, Front
17	115-2164	2	Nut-Spindle
18	32180-030	1	Clip-Tie
19	145-7787	1	Bumper-Drive Shaft



Front Differential Assembly No. 140-4752

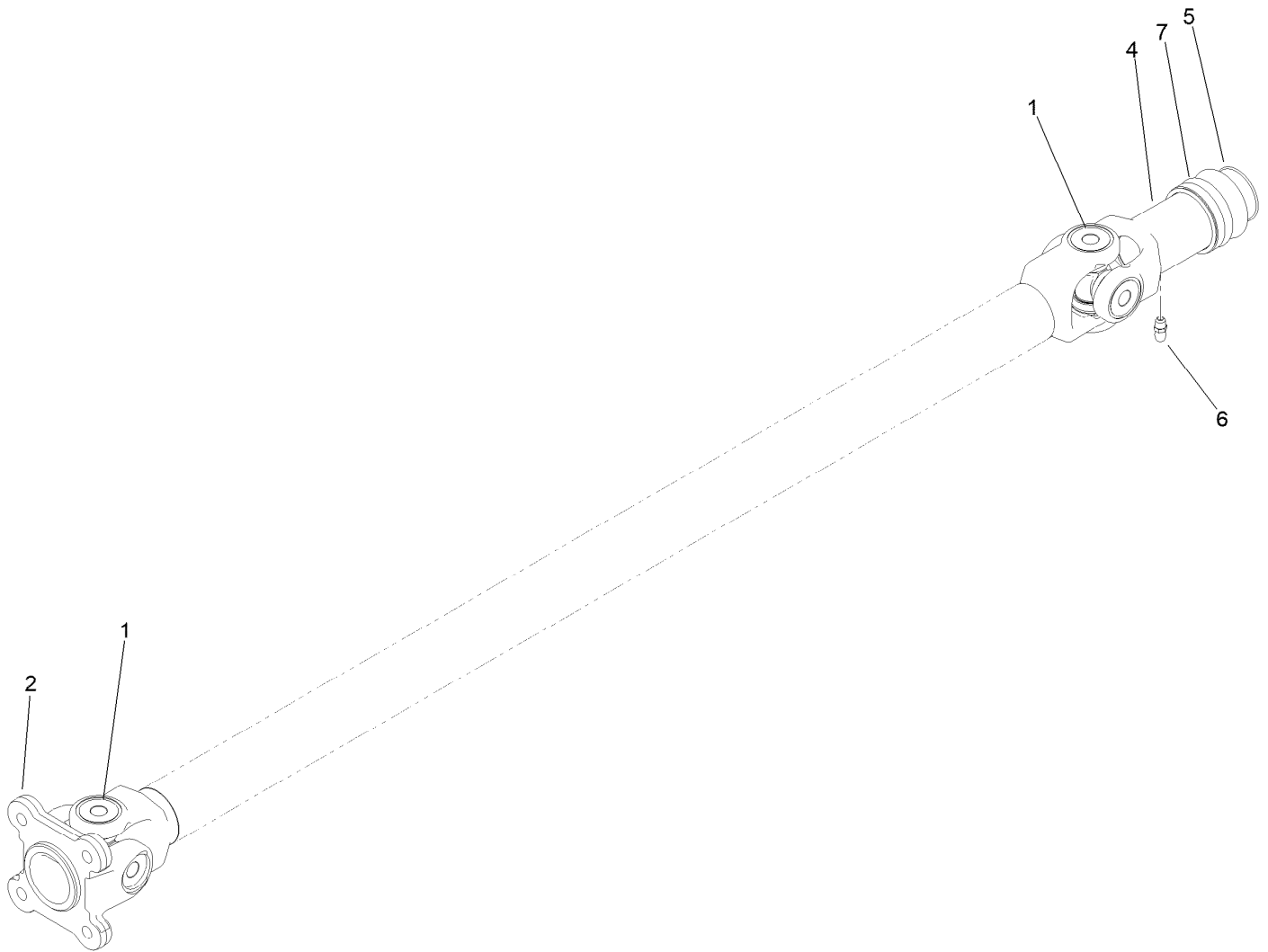
Ref.	Part Number	Qty.	Description
1	145-7895	1	Cover
2	145-7896	1	Housing
3	145-7897	1	Pinion
4	145-7898	1	Planet Carrier Sub-ASM
5	145-7899	1	Clutch
6	145-7900	1	Support Ring
7	145-7901	1	Fork
8	145-7902	1	Gear A
9	145-7903	1	Pin, 5 X 62L
10	145-7904	1	Retaining Ring, External 34
11	145-7905	2	Bolt, M10 X 10L
12	145-7906	1	Slider A
13	145-7907	1	Slider B
14	145-7908	1	O-Ring, 62 I.D. X 2 Wide
15	145-7909	3	Screw, Sh, M8X20L
16	145-7910	1	Nut, M74
17	145-7911	1	Flange
18	145-7912	1	Bushing
19	145-7913	1	Needle Bearing, Hk1612
20	145-7914	1	Ball Bearing, 6207
21	145-7915	1	Ball Bearing, 16007

Ref.	Part Number	Qty.	Description
22	145-7916	2	Washer, 8.2 X 16 X 2T
23	145-7917	1	Shim, 50.5 X 61
24	145-7918	1	Lock Washer
25	145-7919	1	Shim, 36 X 44
26	145-7920	1	Shim, 79 X 89
27	145-7921	1	Washer, 14.5 X 22 X 1T
28	145-7922	1	O-Ring, P26
29	145-7923	2	Seal, 25 X 45 X 7T X 11T
30	145-7924	1	Seal, 40 X 75 X 8T X 12T
31	145-7925	1	Plug, M14 X 9.5L
32	145-7926	2	Screw, HH, M8Xp1.25X12L
33	145-7927	6	Screw, HH, M8Xp1.25X30L
34	145-7928	1	Retaining Ring, Internal 62
35	145-7929	1	Location Pin
36	145-7930	1	Breathing Tube
37	145-7931	1	Ring
38	145-7932	1	Tube, Vent, 90 DEG
39	145-7933	1	Screw, HH, M10Xp1.25X20L
40	145-7934	1	Pin, 5 X 4.63 X 62L
41	145-7935	1	Actuator



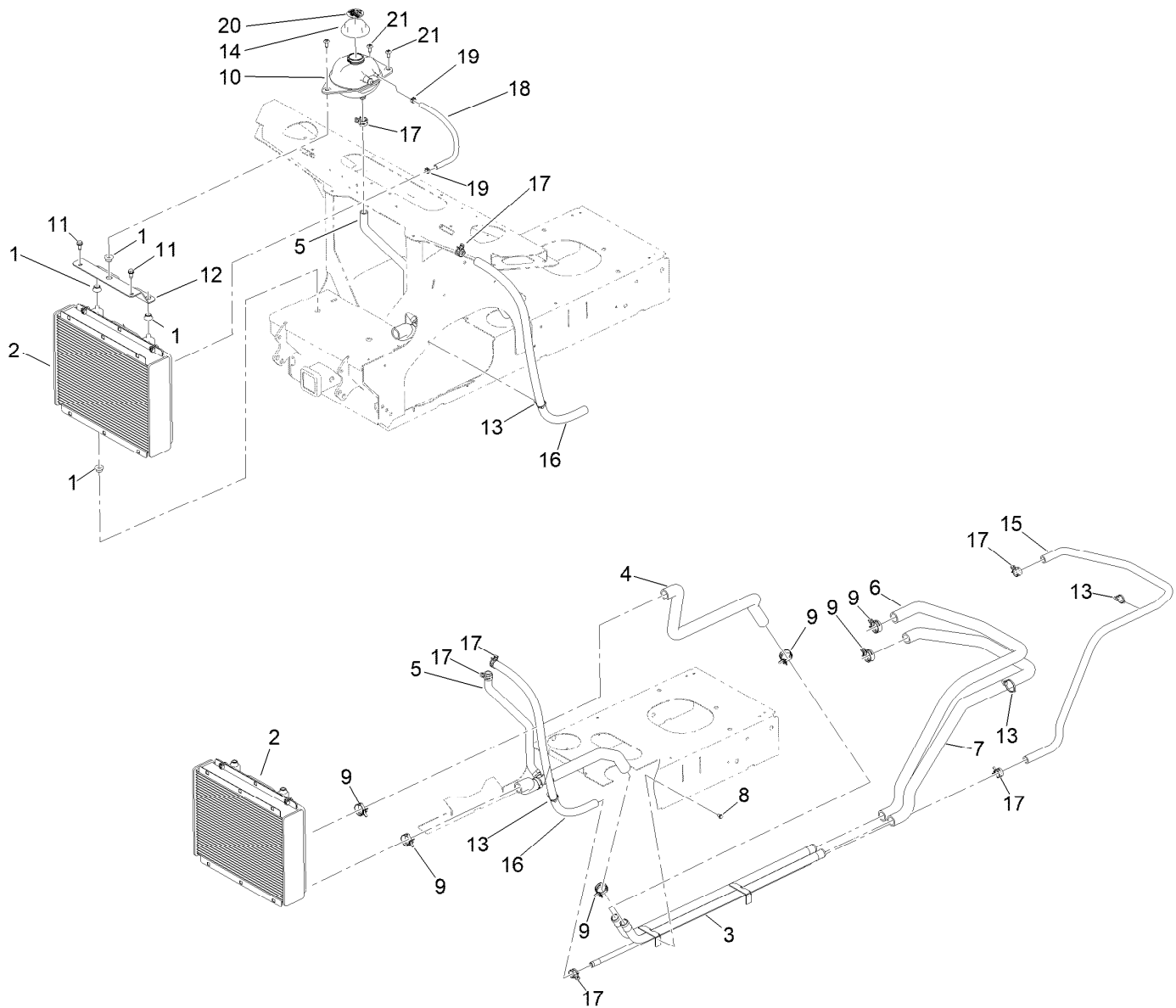
Intermediate Driveshaft Assembly No. 140-4771

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	139-4442	1	Bearing-Hanger
3	144-2208	1	Retainer-Bearing
4	302-5	1	Fitting-Grease
5	140-4772	1	Boot-Joint, Slip
6	140-4760	1	Band



Driveshaft Assembly No. 140-2647

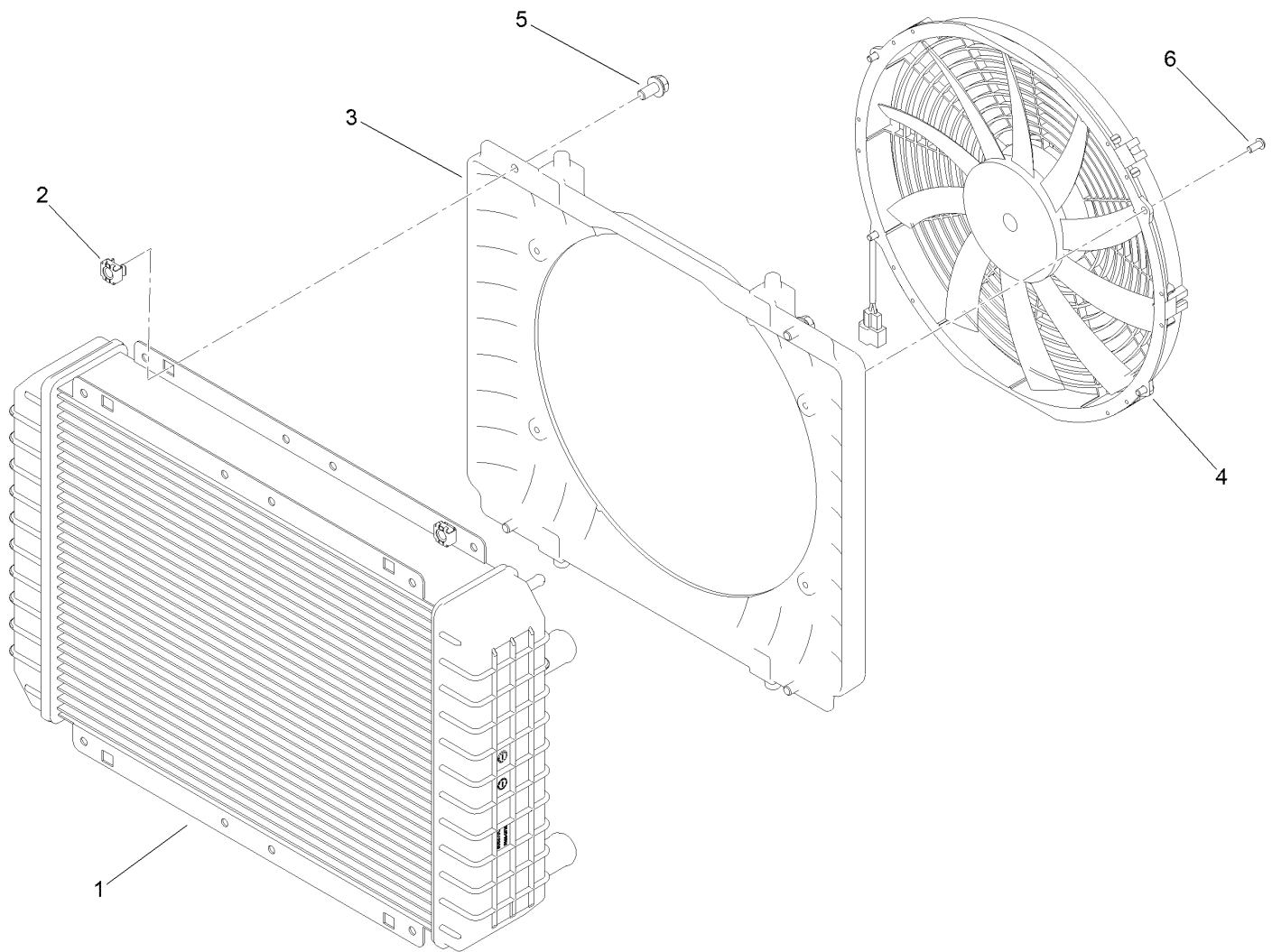
Ref.	Part Number	Qty.	Description
1	138-9162	2	U-Joint Kit
2	138-9178	1	Yoke-Flange
4	140-4753	1	Yoke-Slip, Female
5	140-4754	1	Boot-Joint, Slip
6	110-4755	1	Fitting-Grease
7	140-4760	1	Band



Cooling System Assembly

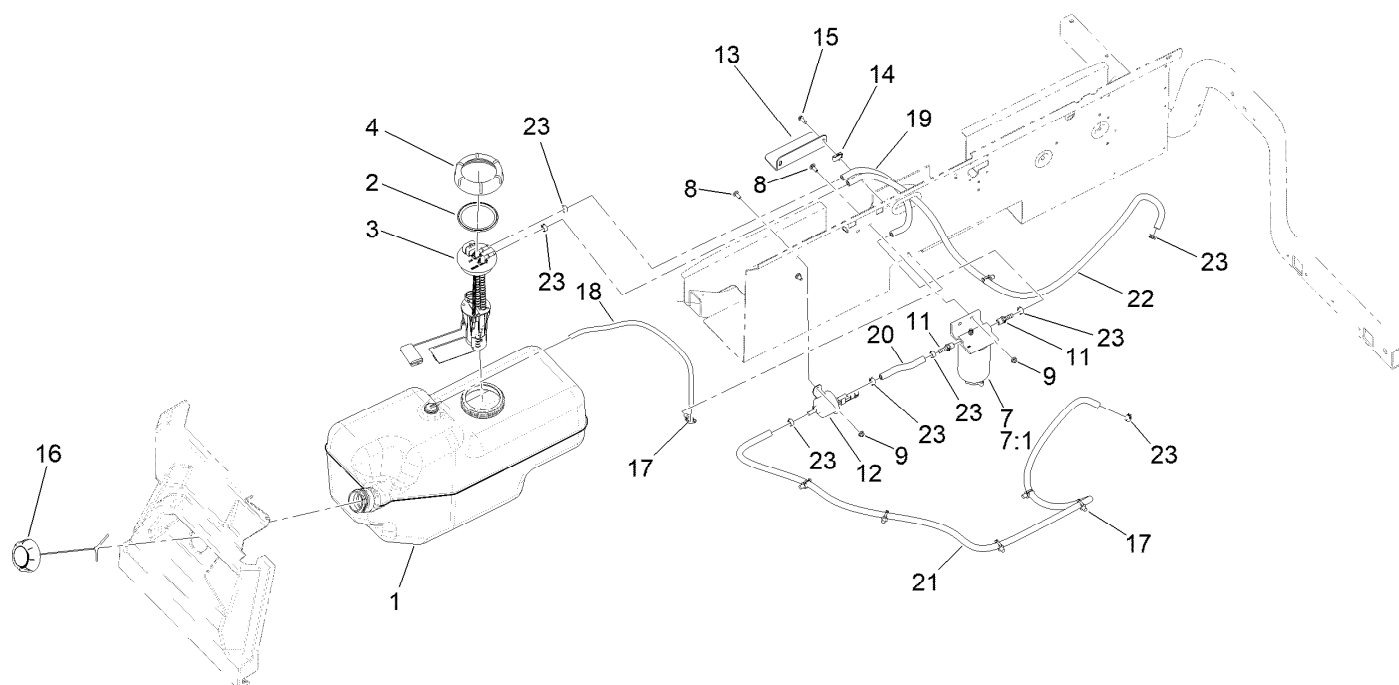
Ref.	Part Number	Qty.	Description
1	137-6828	4	Bushing-Flange
2	147-7970	1	Radiator ASM
3	137-2681	1	Tube ASM-Coolant
4	140-2628	1	Hose-Radiator, Upper
5	140-4751	1	Hose ASM-Coolant
6	145-2014	1	Hose-Coolant, Upper (Diesel)
7	140-2637	1	Hose-Coolant, Lower (Diesel)
8	32144-4	2	Screw-HWH
9	144-2246	8	Clamp-Sc Band
10	147-8086	1	Coolant Tank ASM
11	32144-70	2	Screw-HWHTF

Ref.	Part Number	Qty.	Description
12	147-8056-05	1	Bracket-Mount, Radiator
13	32180-030	4	Clip-Tie
14	161-5218	1	Ratcheting Coolant Cap ASM
15	145-2015	1	Hose-Coolant, Minor (Diesel)
16	140-4757	1	Hose-Coolant
17	144-2248	5	Clamp-Sc Band
18	120-5019	1	Hose-Coolant
19	92-2379	2	Clamp-Hose
20	106-6755	1	Decal-Cap, Radiator
21	138-9753	3	Screw



Radiator Assembly No. 147-7970

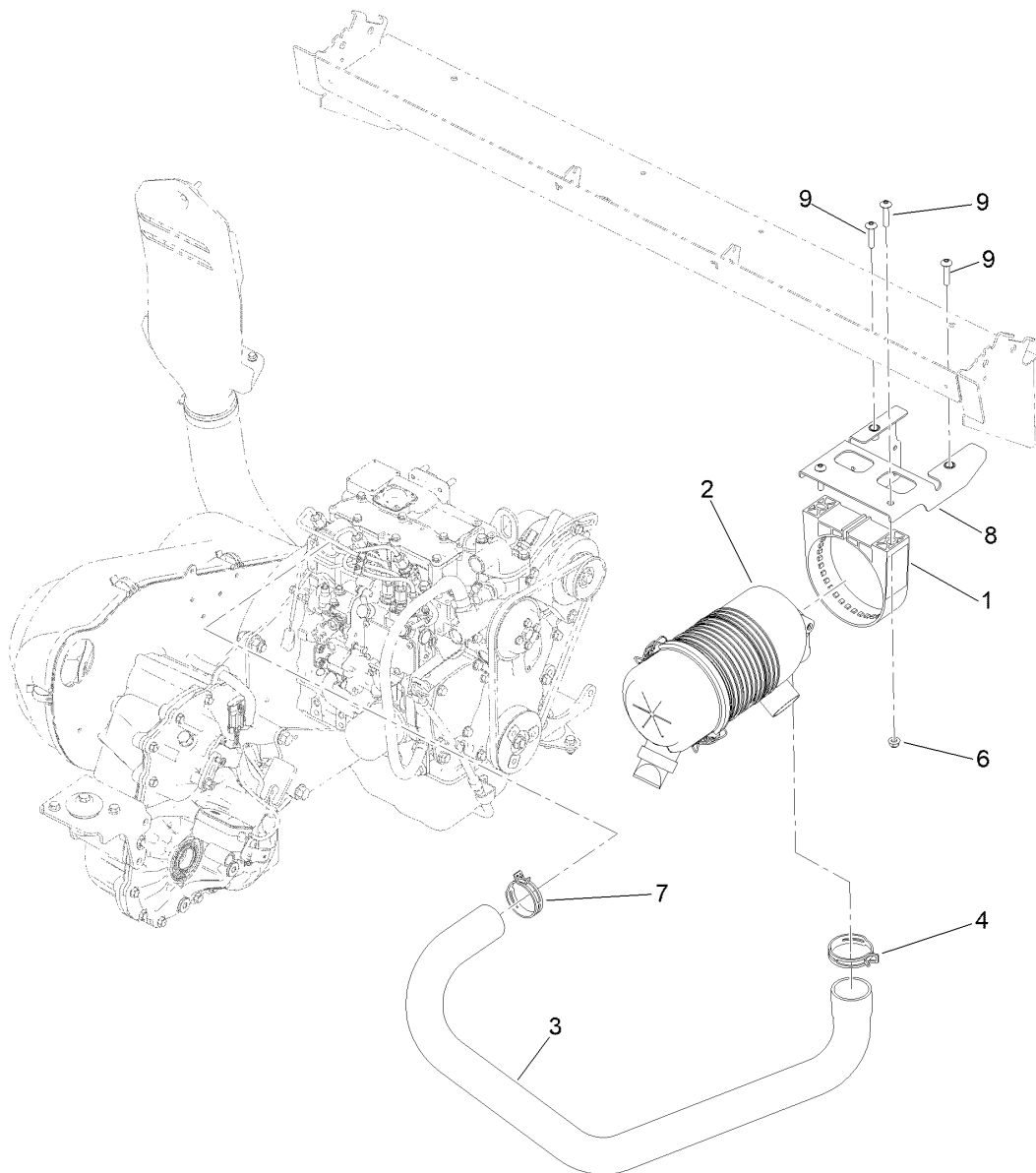
Ref.	Part Number	Qty.	Description
1	147-7971	1	Radiator
2	703856	4	Nut-Sq, Caged
3	139-4587	1	Shroud-Fan, Radiator
4	140-4694	1	Fan
5	139-2593	4	Screw-HHF
6	147-7972	4	Screw-BHCS



Fuel System Assembly

Ref.	Part Number	Qty.	Description
1	137-2711	1	Fuel Tank ASM (8 Gallon Gas)
2	138-9333	1	Gasket-Fuel Sender
3	138-9331	1	Fuel Sender ASM
4	138-9332	1	Cap-Fuel Sender
7	110-9044	1	Separator-Filter
7:1	110-9049	1	Filter-Spin On, Fuel/Water
8	3229-1	4	Screw-CARR
9	104-7201	4	Nut-HF, NI
11	115-1448	2	Fitting-Straight
12	145-3154	1	Pump-Fuel, Electric

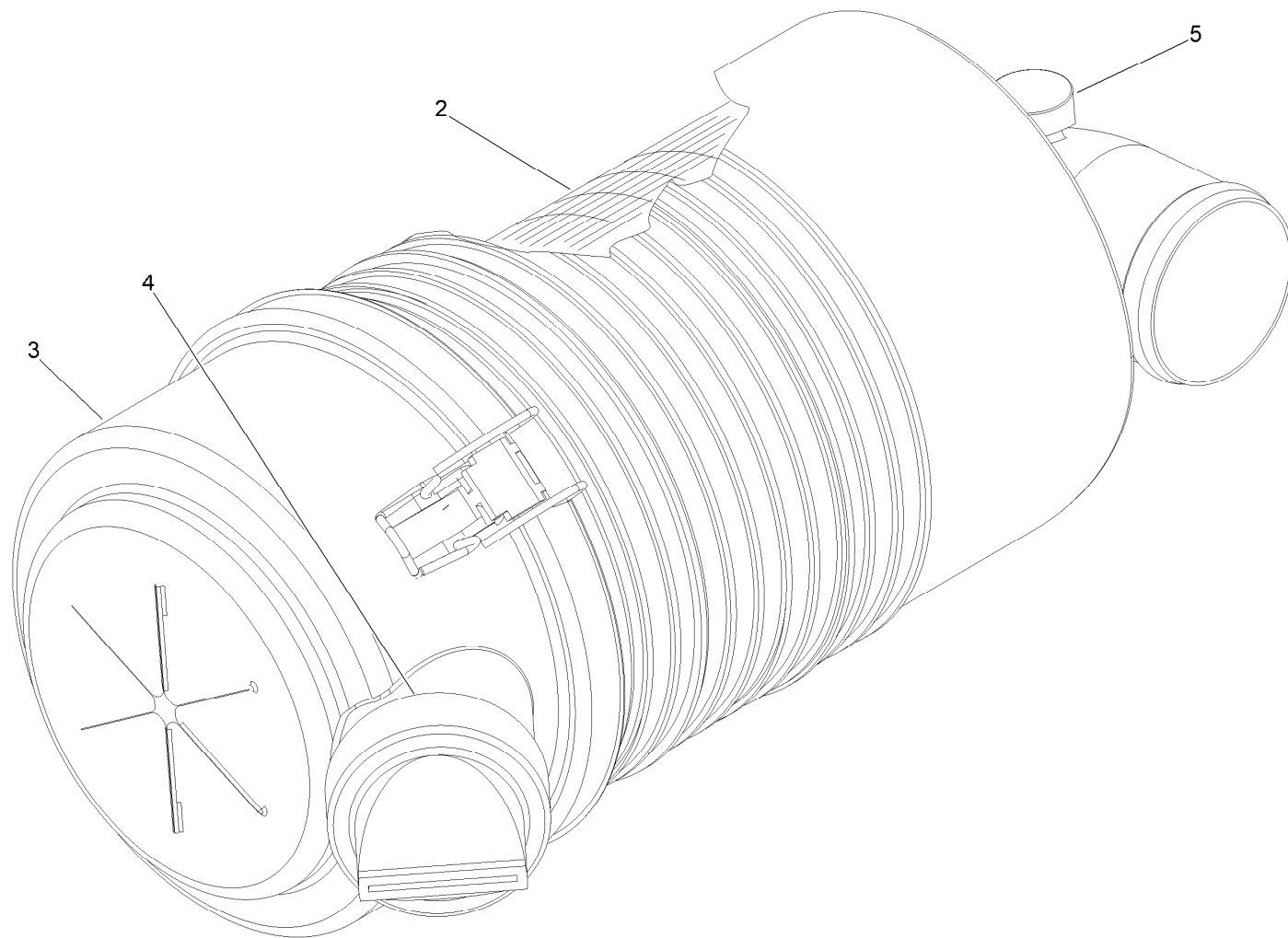
Ref.	Part Number	Qty.	Description
13	138-9445	1	Bracket-Mount, Fuel Tank
14	107069	2	Clip
15	49-2040	2	Screw-HWHTF
16	115-8249	1	Cap-Fuel, Ratcheting
17	32180-030	7	Clip-Tie
18	110-8255	1	Hose-Fuel
19	106-1126	1	Hose-Fuel
20	108-3283	1	Hose-Fuel
21	119-0577	1	Hose-Fuel
22	110-4100	1	Hose-Fuel
23	92-2379	8	Clamp-Hose



Air Cleaner Assembly

Ref.	Part Number	Qty.	Description
1	98-4525	1	Bracket-Cleaner, Air
2	106-5277	1	Air Cleaner ASM
3	140-2620	1	Hose-Air, Diesel
4	144-2200	1	Clamp-Sc Band
6	104-8300	2	Nut-HF, NI
7	144-2249	1	Clamp-Sc Band
8	147-8105	1	Air Cleaner Bracket ASM
9	126-7439	4	Screw-Torx

Air Cleaner Assembly No. 106-5277

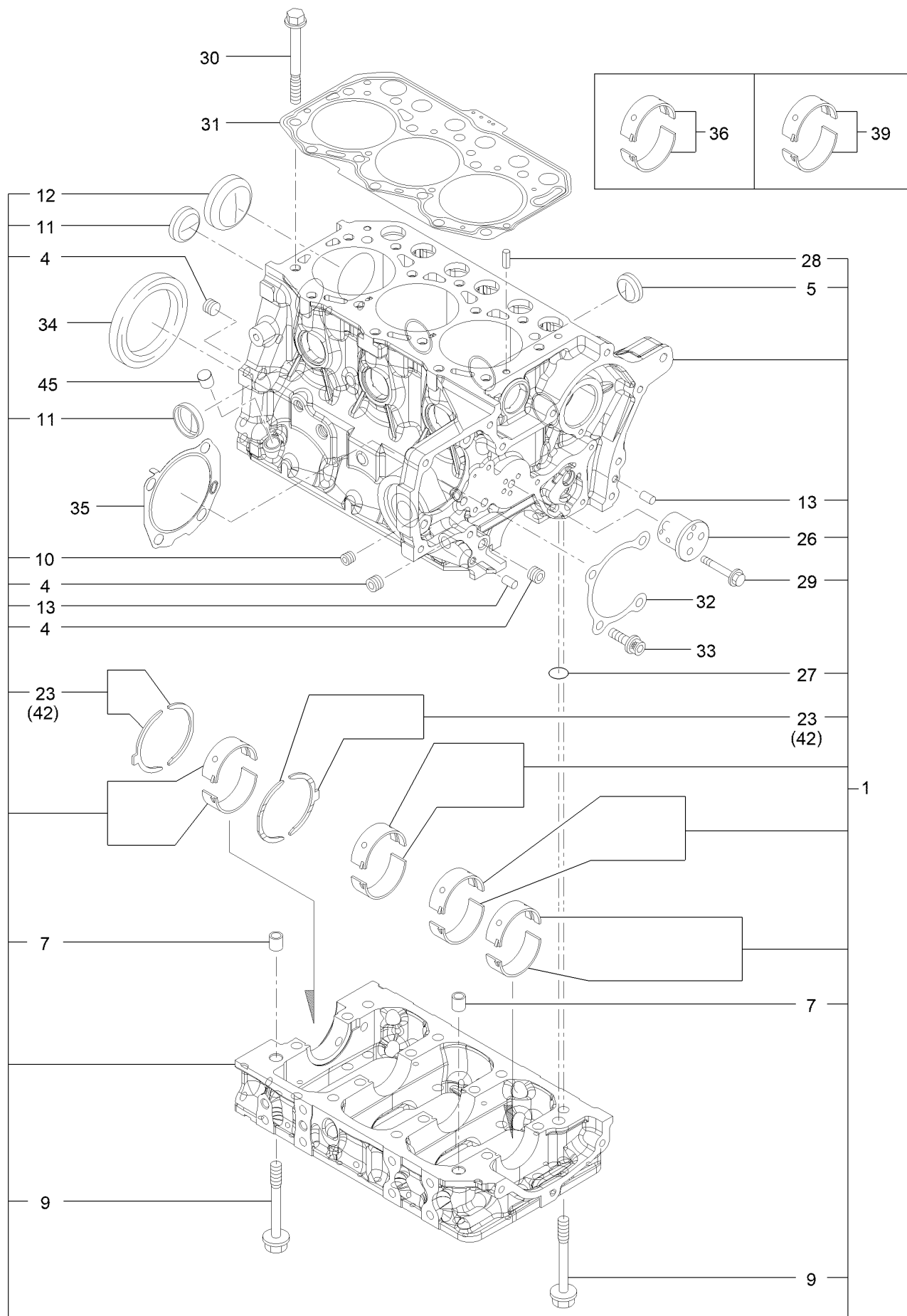


Air Cleaner Assembly No. 106-5277 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	108-3810	1	Filter-Air
3	98-9771	1	Cover ASM

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
4	87-9400	1	Valve-Vacuator
5	285-17	1	Plug-Pipe

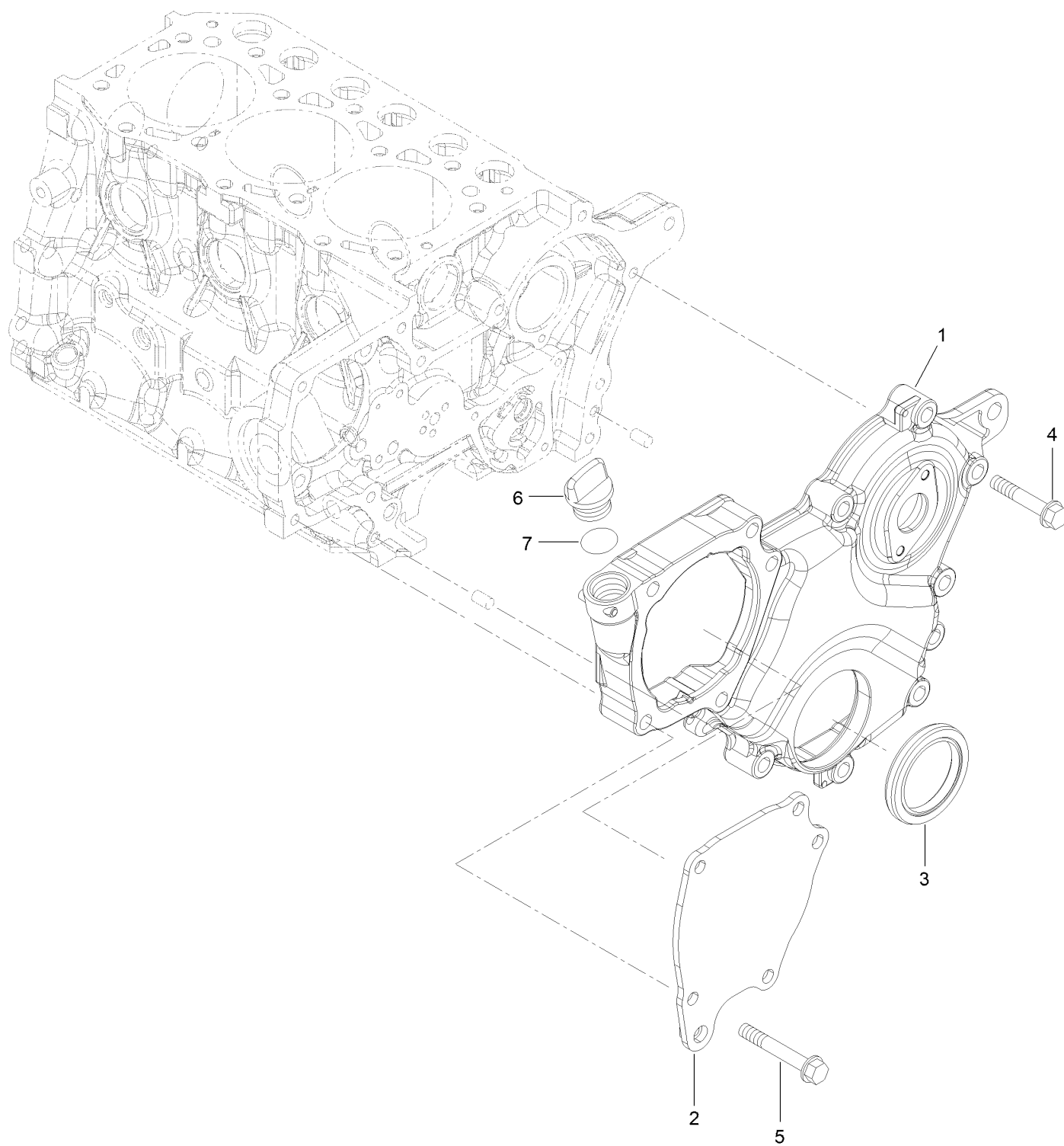
Cylinder Block Assembly



Cylinder Block Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	145-7867	1	Block Assy, Cylinder	28	125-7184	2	Pin-Spring
4	125-6969	3	Plug	29	125-7211	3	Bolt
5	145-7815	3	Plug, 25	30	135-4037	14	Bolt-Head, Cylinder
7	145-7814	2	Pipe, Knock L=12	31	145-7861	1	Gasket, Head
9	145-7816	16	Bolt, Metal Cap	32	145-7812	1	Gasket, Pump
10	133-6797	1	Plug	33	145-7813	4	Bolt, Flange M8X25
11	140-7182	4	Plug 30	34	135-4064	1	Seal-Oil
12	145-7889	1	Plug, 45	35	145-7831	1	Gasket, Fuel Pump
13	135-4062	2	Pin-Parallel	36	145-7817	4	Metal Assy, Main
23	145-7819	2	Metal Assy, Thrust	39	145-7818	4	Metal Assy, Main .25
26	145-7823	1	Shaft, Idle Gear	42	145-7820	2	Metal Assy, 0.25 Os
27	133-6654	1	O-Ring	45	145-7879	1	Plug

Gear Housing Assembly

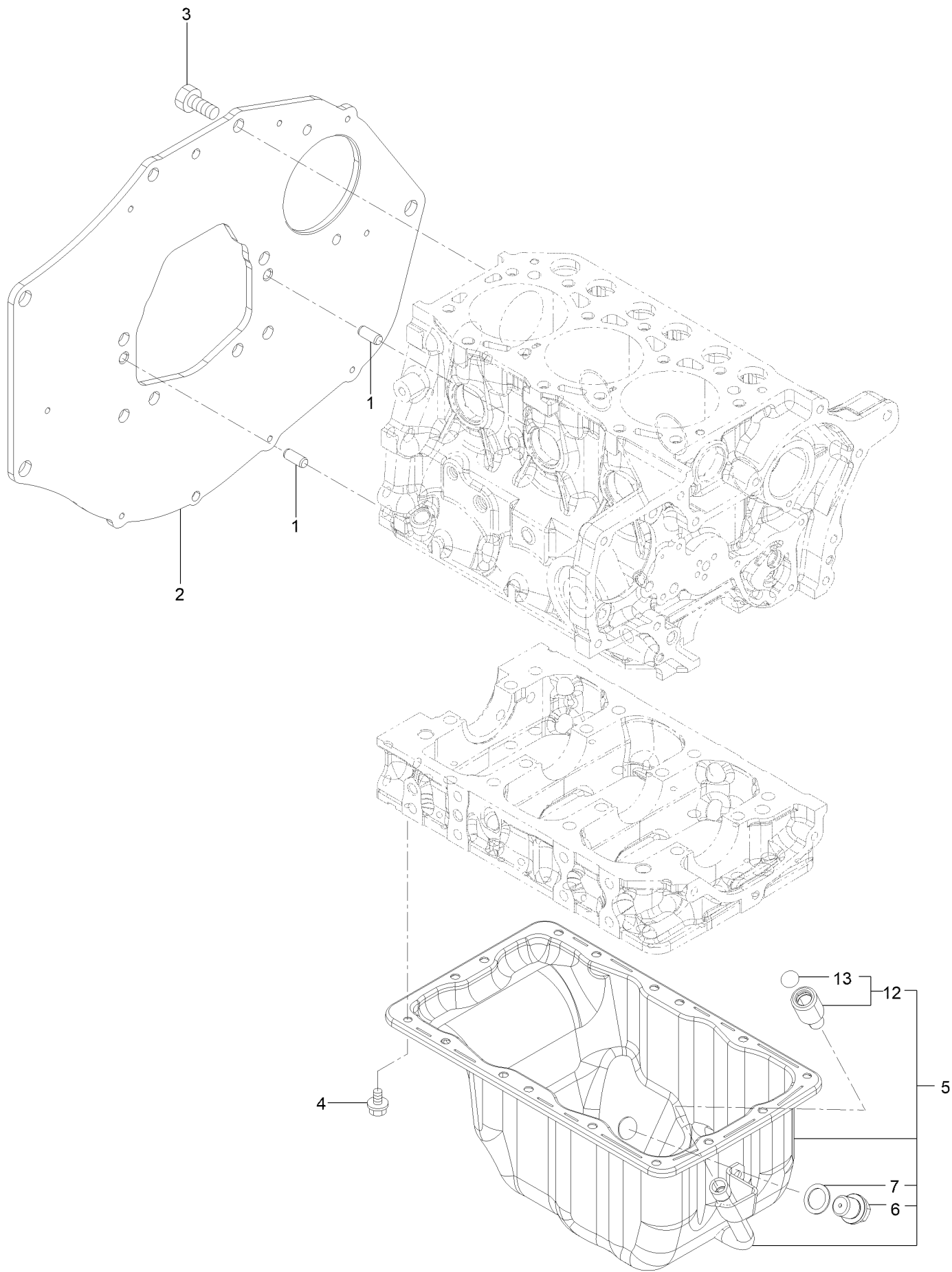


Gear Housing Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	145-7801	1	Case, Gear
2	145-7870	1	Cover, Pump Timing
3	135-4047	1	Seal-Oil
4	125-7217	8	Bolt

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
5	125-7219	5	Bolt
6	145-7800	1	Cap, Oil Supply
7	145-7810	1	O-Ring, C 0190 G

Mounting Flange and Oil Sump Assembly

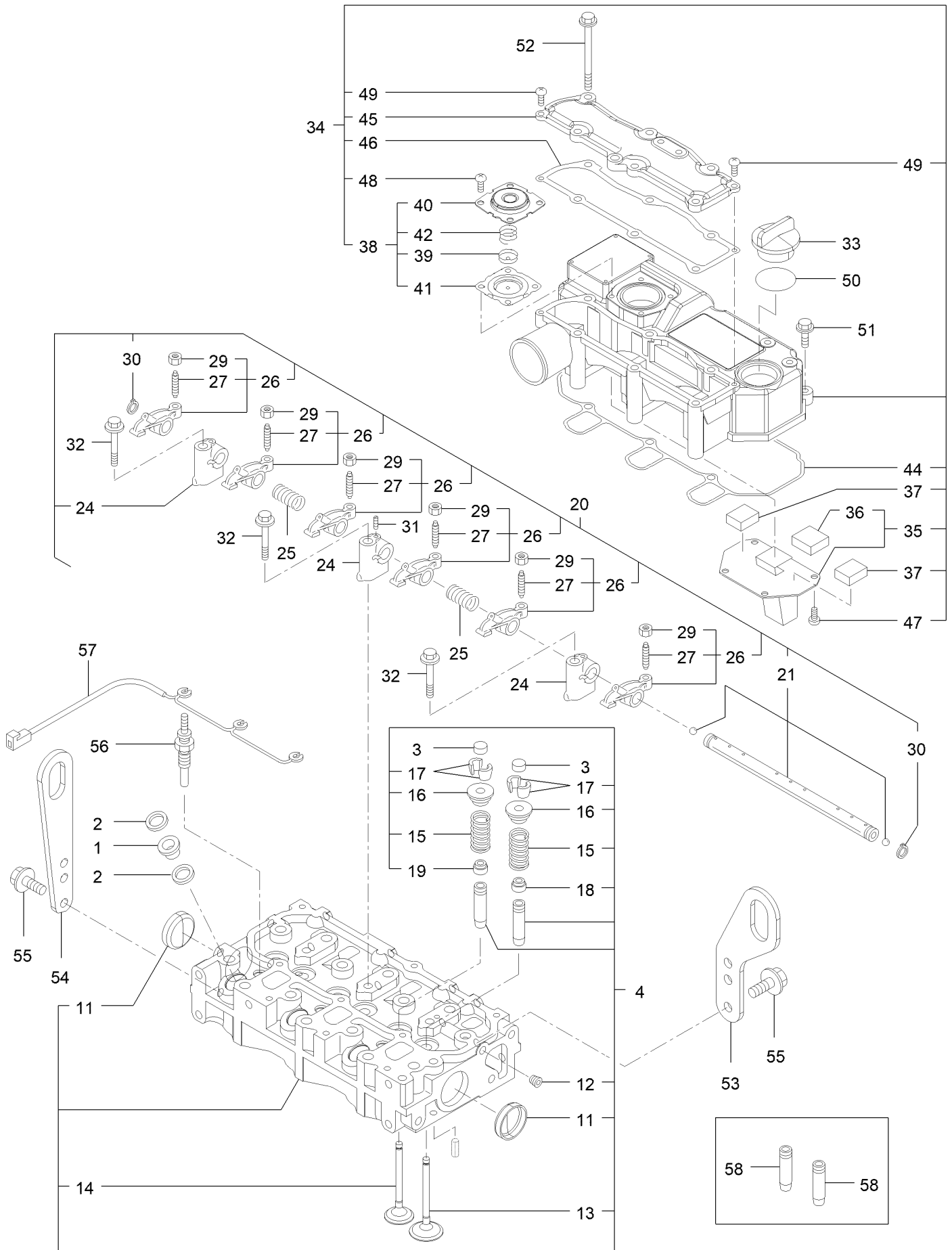


Mounting Flange and Oil Sump Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	125-6995	2	Pin
2	145-7868	1	Flange, Mounting
3	135-4061	8	Bolt
4	145-7811	16	Bolt, Torx M6X10
5	145-7869	1	Oil Pan Assy

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
6	135-4068	1	Plug
7	136-8236	1	Washer-Seal
12	145-7837	1	Guide, Dipstick
13	145-7887	1	O-Ring, 4Dp10A

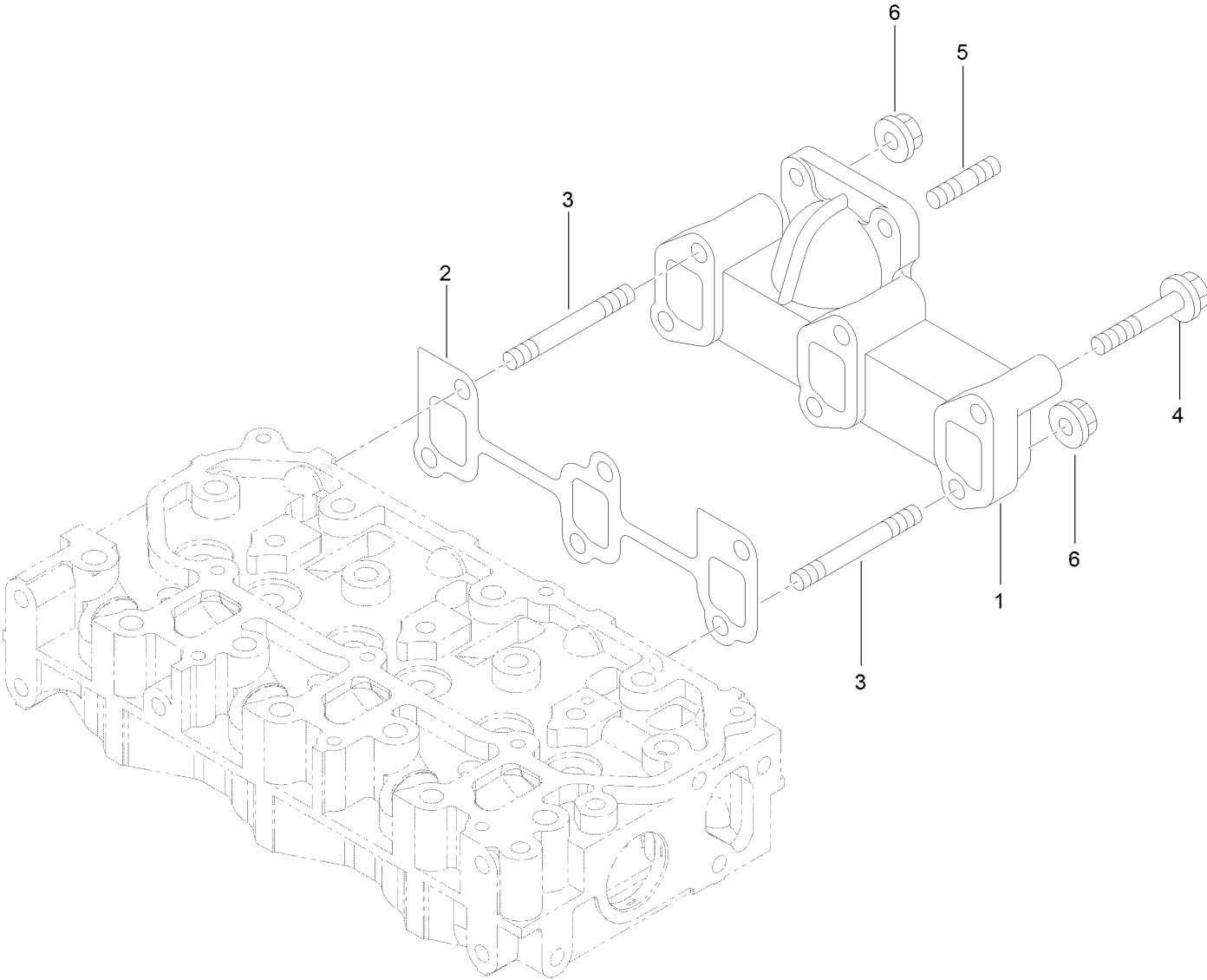
Cylinder Head and Bonnet Assembly



Cylinder Head and Bonnet Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	135-4069	3	Protector-Nozzle	34	145-7844	1	Bonnet Assy, Head
2	135-4070	6	Gasket-Nozzle	35	135-4085	1	Plate-Baffle
3	135-4071	6	Cap-Valve	36	135-4086	1	Baffle-Breather
4	145-7864	1	Head Assy, Cylinder	37	135-4086	2	Baffle-Breather
11	135-4073	2	Plug-Cup	38	135-4088	1	Diaphragm ASM
12	133-6797	1	Plug	39	135-4089	1	Plate-Diaphragm
13	145-7862	3	Valve, Intake	40	135-4090	1	Cover-Diaphragm
14	145-7863	3	Valve, Exhaust	41	135-4091	1	Diaphragm
15	135-4076	6	Spring-Valve	42	135-4092	1	Spring-Diaphragm
16	125-7054	6	Retainer	44	145-7841	1	Gasket, Bonnet
17	125-6914	12	Cotter	45	145-7842	1	Cover, Bonnet
18	125-6915	3	Seal-Stem, Valve	46	145-7843	1	Gasket, Bonnet Cover
19	125-6916	3	Seal-Stem, Valve	47	125-7186	4	Screw
20	145-7838	1	Support Assy, Rocker	48	125-7186	4	Screw
21	145-7839	1	Shaft Assy, Arm	49	127-3168	2	Screw
24	135-4079	3	Support-Arm, Rocker	50	125-7197	1	O-Ring
25	145-7840	2	Spring, Shaft	51	125-7209	3	Bolt
26	135-4081	6	Rocker Arm ASM	52	135-4096	6	Bolt
27	125-7013	6	Screw-Adjust, Valve	53	125-7046	1	Lifter
29	125-7014	6	Nut	54	125-7111	1	Lifter
30	135-7082	2	Ring	55	125-7214	4	Bolt
31	145-7836	1	Screw	56	135-4291	3	Plug-Glow
32	125-7218	3	Bolt	57	134-1443	1	Connector-Plug, Glow
33	125-6972	1	Cover-Filler	58	145-7845	6	Guide, Valve

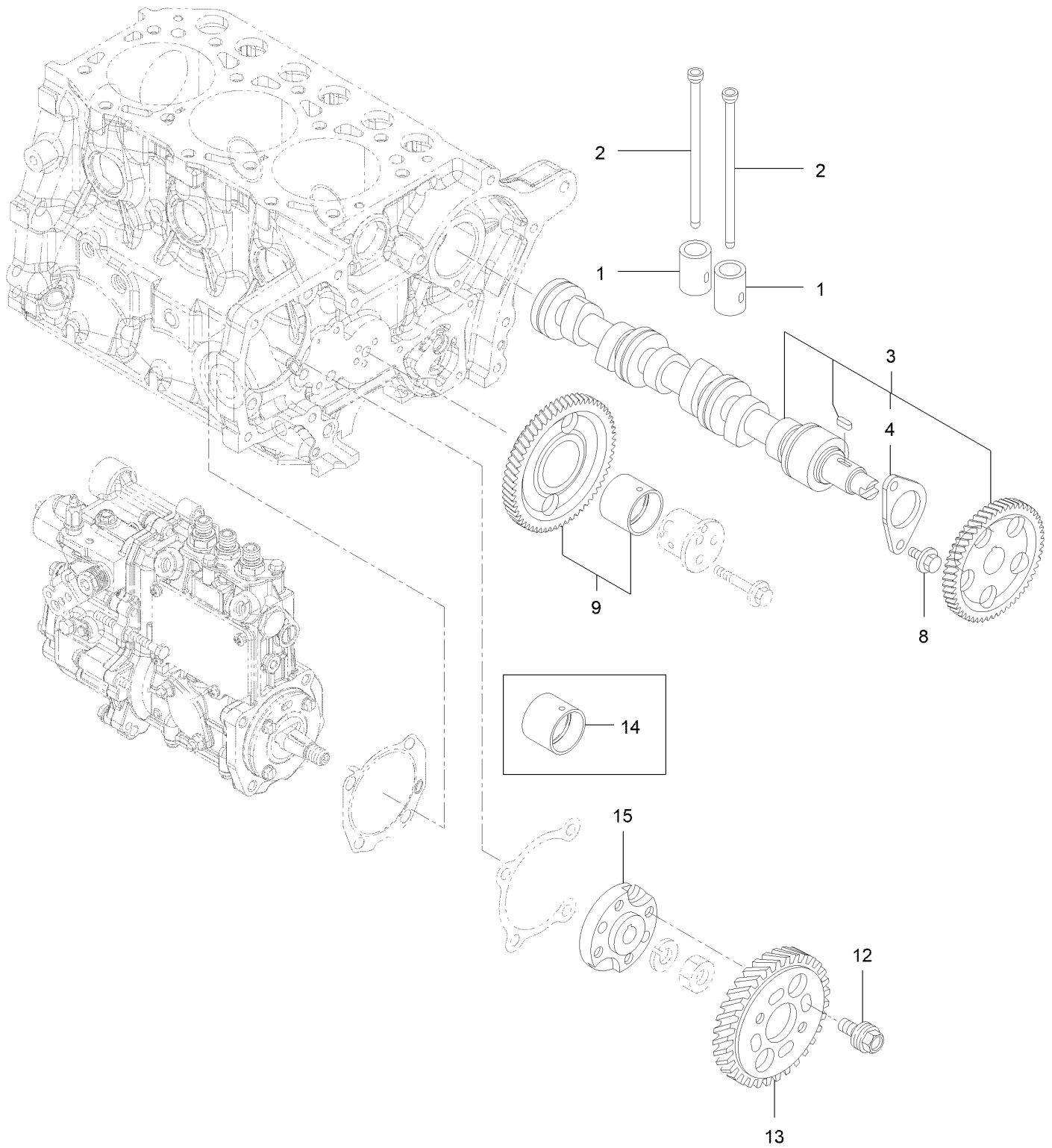
Exhaust Manifold Assembly



Exhaust Manifold Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	134-1444	1	Manifold-Exhaust	4	133-6714	4	Bolt
2	135-4107	1	Gasket-Manifold, Exhaust	5	125-6906	4	Stud
3	134-1404	2	Bolt-Stud	6	125-7229	2	Nut

Camshaft and Driving Gear Assembly

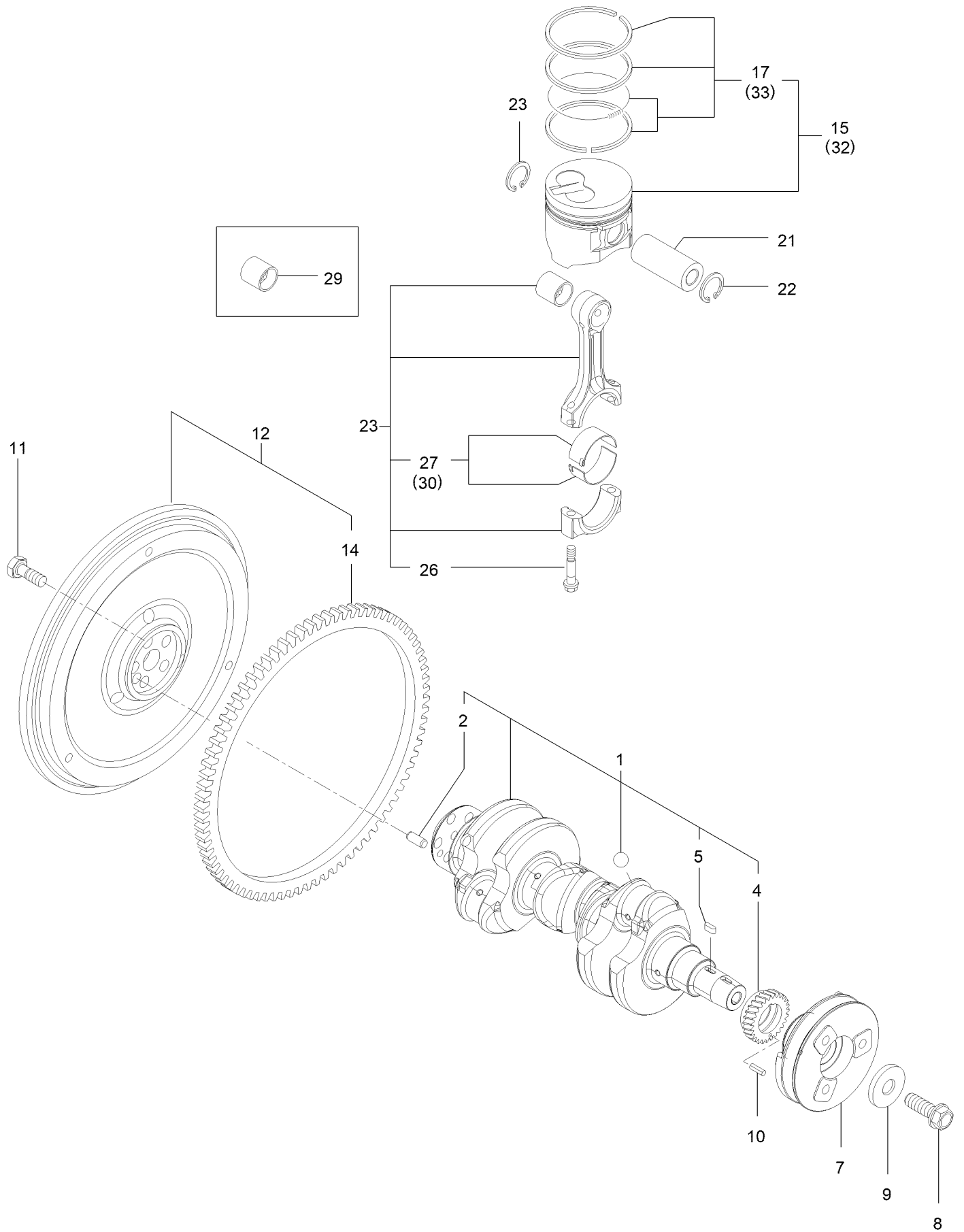


Camshaft and Driving Gear Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	135-4108	6	Tappet
2	145-7846	6	Rod, Push
3	145-7802	1	Camshaft Assy
4	145-7854	1	Metal, Camshaft
8	125-7206	2	Bolt

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
9	145-7804	1	Gear Assy, Idle
12	125-7020	4	Bolt
13	145-7825	1	Gear, Pump
14	145-7824	1	Bush, Idle Gear
15	135-4150	1	Flange

Crankshaft and Piston Assembly

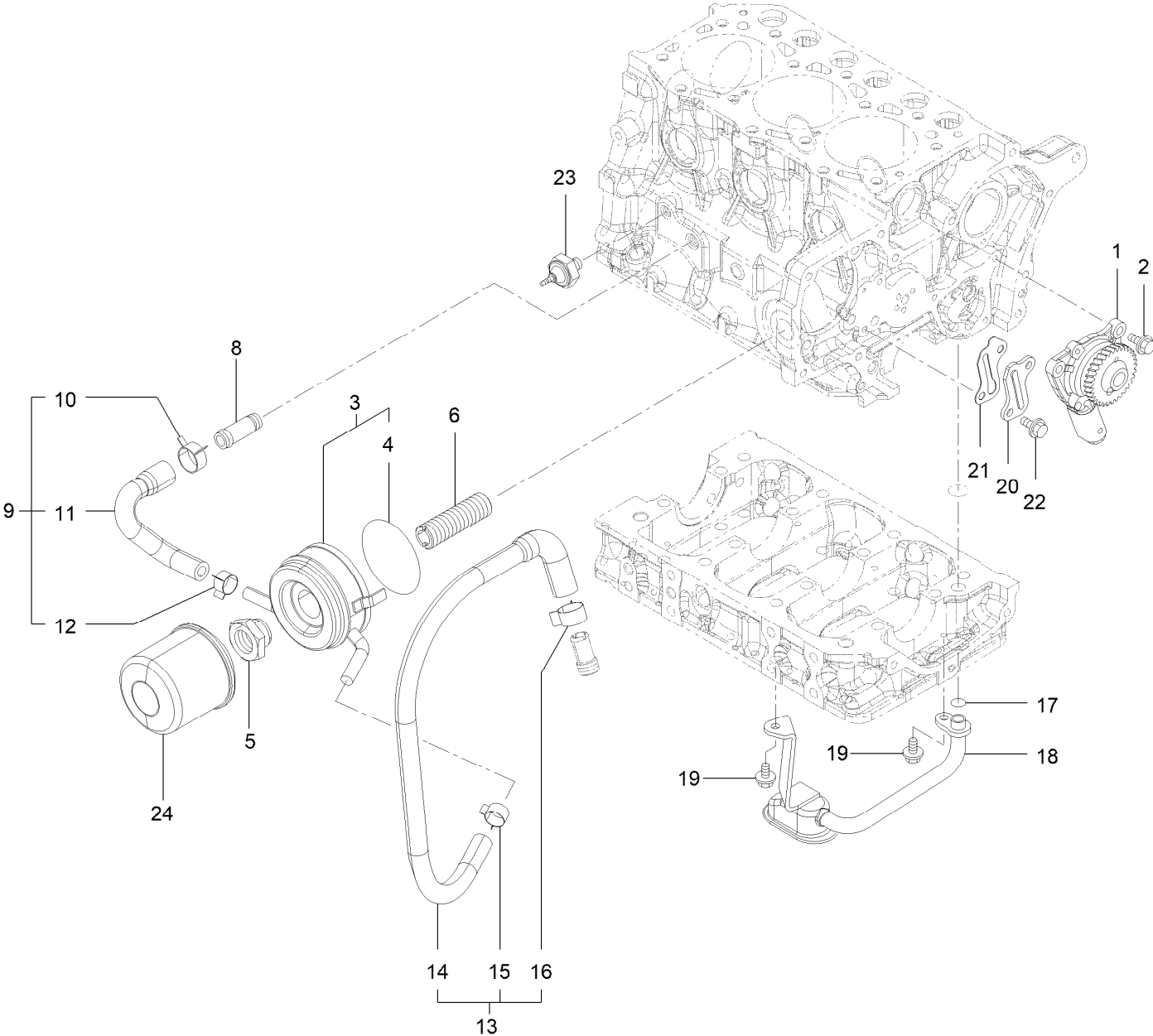


Crankshaft and Piston Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	145-7871	1	Crankshaft Assy
2	125-6995	1	Pin
4	145-7821	1	Gear, Crankshaft
5	135-4154	1	Key
7	145-7822	1	V-Pulley, Crankshaft
8	135-4159	1	Bolt-Flange
9	145-7855	1	Washer, 12
10	125-7182	1	Pin-Spring
11	135-4155	5	Bolt, Flywheel 5
12	145-7803	1	Flywheel Assy
14	145-7880	1	Gear, Ring Z=105

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
15	145-7872	3	Piston Assy
17	145-7865	3	Ring Set, Piston
21	134-1408	3	Pin-Piston
22	135-4166	6	Ring
23	145-7847	3	Rod Assy, Connecting
26	135-4168	6	Bolt-Rod, Connecting
27	145-7848	3	Metal Assy,Crank Pin
29	135-4170	3	Bearing-Pin, Piston
30	145-7849	3	Metal Assy, Pin .25
32	145-7873	3	Piston Assy, 0.25 Os
33	145-7866	3	Ring Set, Piston .25

Lubrication Oil System Assembly

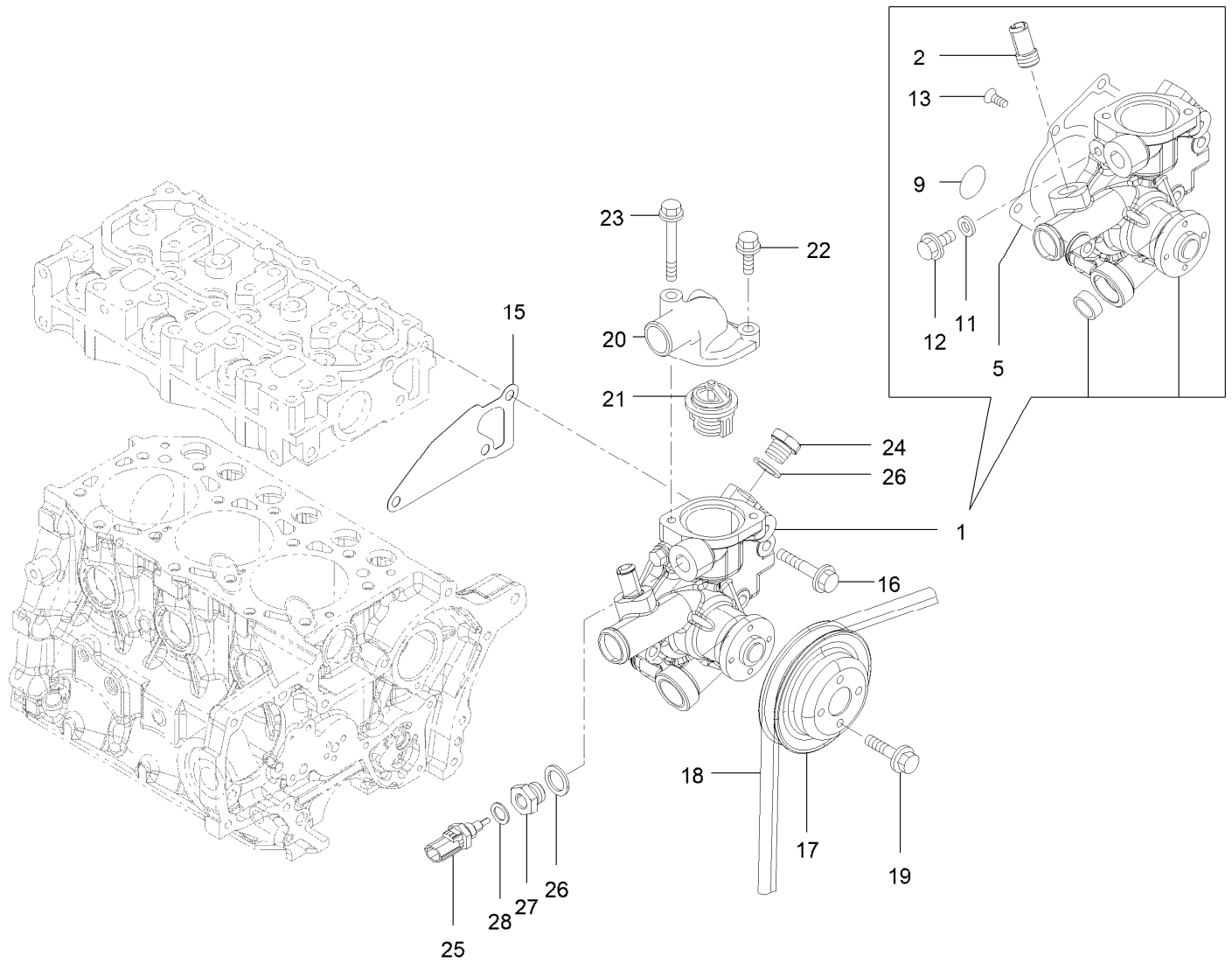


Lubrication Oil System Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	145-7826	1	Pump Assy, Oil
2	125-7207	3	Bolt
3	135-4174	1	Cooler-Oil
4	125-7075	1	O-Ring
5	125-7041	1	Nut-Cooler, Oil
6	125-7042	1	Stud
8	127-3753	1	Joint
9	145-7809	1	Pipe Assy, Water
10	125-7162	1	Clip
11	145-7808	1	Pipe, Water
12	125-7191	1	Clamp-Hose
13	145-7859	1	Pipe Assy, Water

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
14	145-7858	1	Pipe, Cooler Inlet
15	125-7191	1	Clamp-Hose
16	145-7886	1	Clamp, 18
17	145-7834	1	O-Ring, P11
18	145-7805	1	Pipe Assy, Oil Inlet
19	125-7205	2	Bolt
20	145-7828	1	Cover, Oil
21	145-7829	1	Gasket, Oil Pipe
22	125-7206	2	Bolt
23	134-1377	1	Switch-Hydraulic
24	135-4181	1	Filter-Oil, Engine

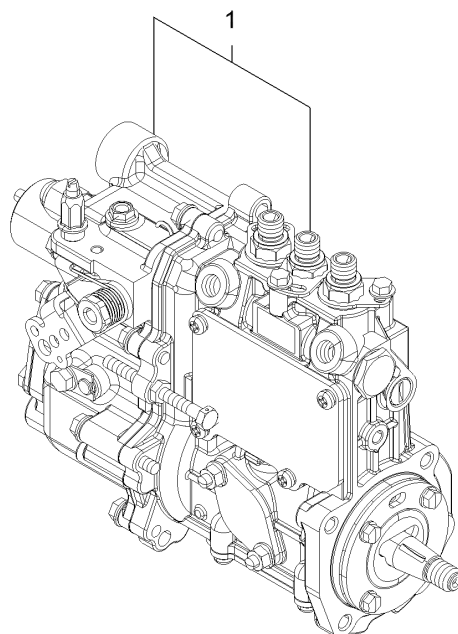
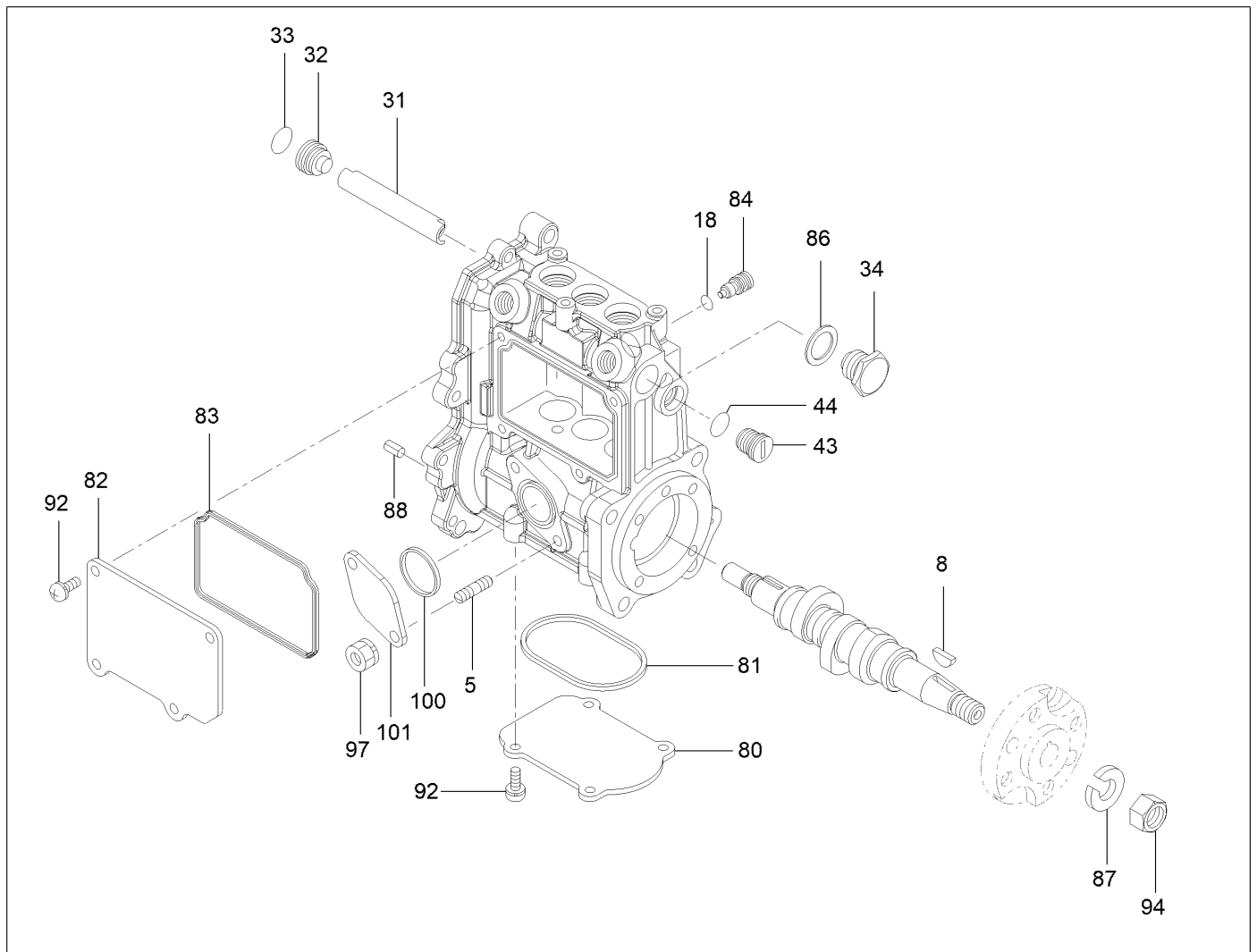
Cooling Water System Assembly



Cooling Water System Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	145-7807	1	Pump Assy, CW	19	125-7206	4	Bolt
2	135-4191	1	Joint-Pipe	20	135-4199	1	Cover-Thermostat
5	145-7806	1	Gasket, Water Pump	21	145-7857	1	Thermostat, 82C
9	145-7856	1	O-Ring	22	135-4201	1	Bolt
11	125-7192	1	Gasket	23	135-4202	1	Bolt
12	125-7212	1	Bolt	24	125-6953	1	Plug
13	133-2504	5	Screw	25	125-7124	1	Sensor-Thermostat, CW
15	145-7850	1	Gasket, Water Pump	26	125-6979	2	Gasket
16	125-7219	3	Bolt	27	135-4203	1	Joint
17	134-1417	1	V-Pulley	28	125-7176	1	Washer-Seal
18	145-7833	1	V-Belt, A34.5				

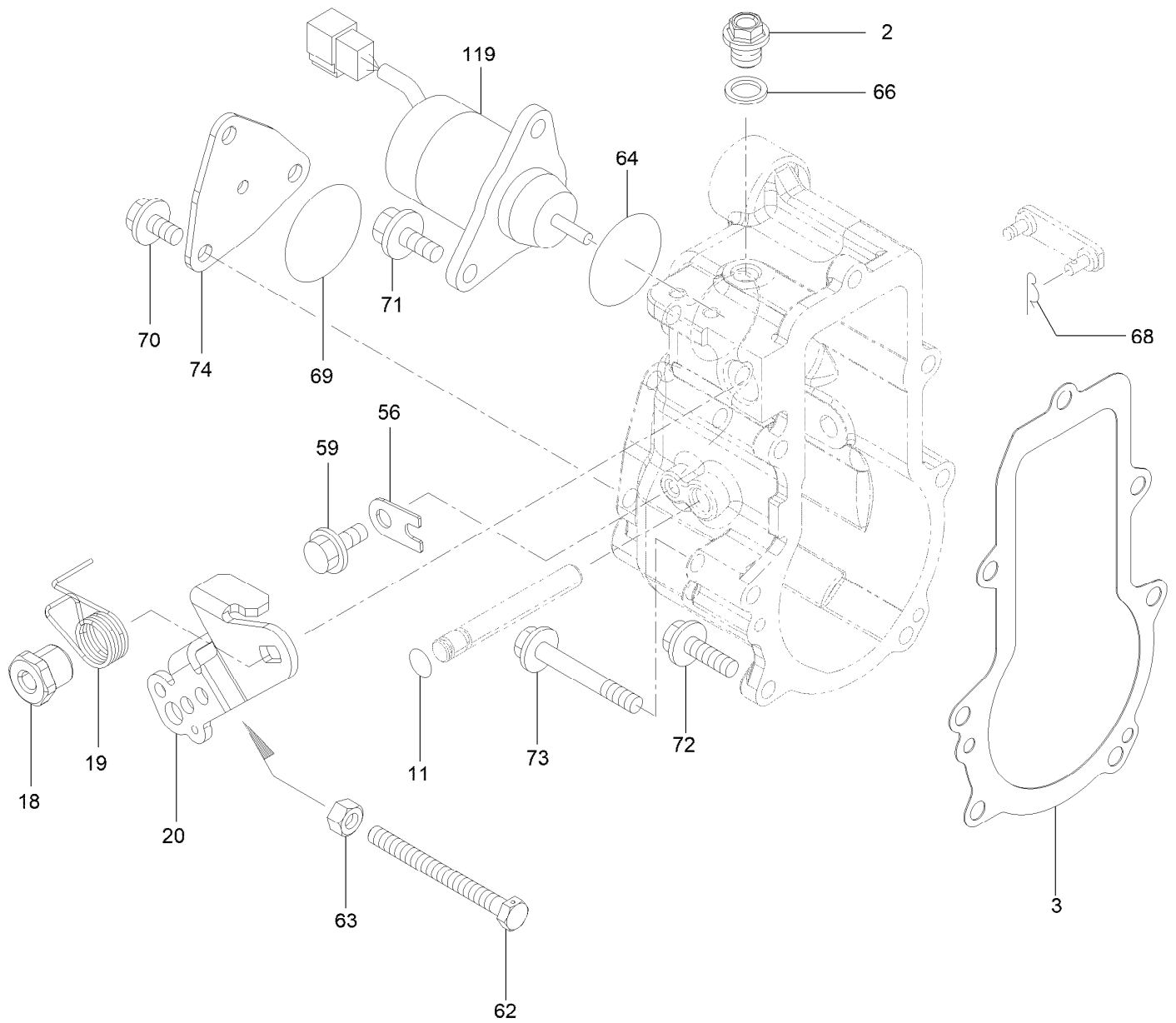
Fuel Injection Pump Assembly



Fuel Injection Pump Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	145-7890	1	Fie Assy	82	135-4217	1	Cover
5	135-4205	2	Bolt-Stud	83	135-4218	1	Gasket
8	135-4206	1	Key-Feather, Woodruff	84	135-4219	1	Stopper-Rack
18	135-4207	1	O-Ring	86	136-8236	1	Washer-Seal
31	135-4209	1	Deflector	87	135-4220	1	Washer-Spring
32	135-4210	1	Plug-Deflector	88	125-7183	2	Pin-Spring
33	135-4211	1	O-Ring	92	135-4221	8	Screw
34	135-4212	1	Plug-Deflector	94	133-2506	1	Nut
43	135-4213	1	Plug-Rack	97	135-4222	2	Nut
44	135-4214	1	O-Ring	100	135-4223	1	Gasket
80	145-7830	1	Cover, Pump Bottom	101	135-4224	1	Cover-Pump
81	135-4216	1	Gasket				

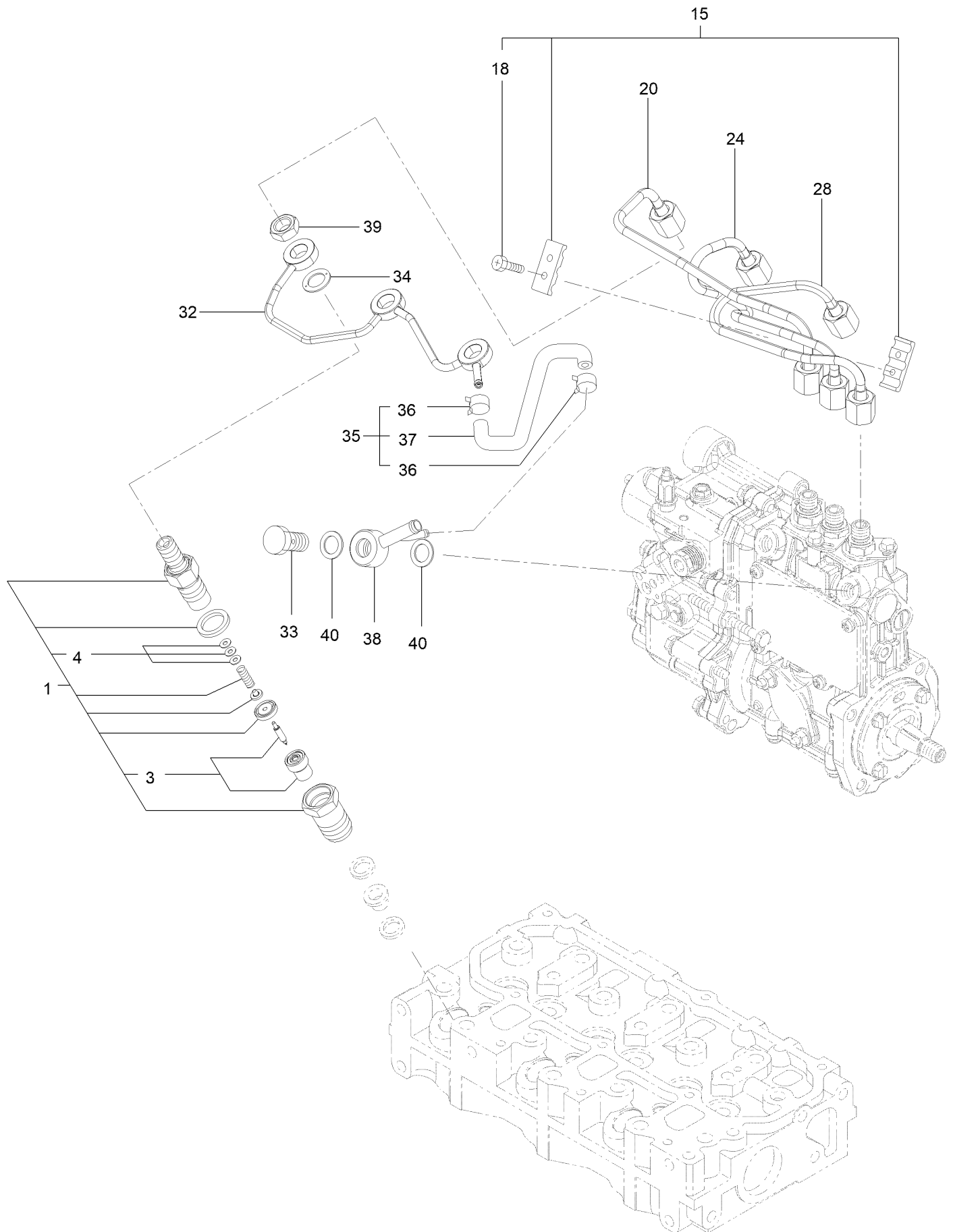
Governor Assembly



Governor Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	135-4226	1	Plug	64	134-1520	1	O-Ring
3	135-4227	1	Gasket	66	125-7175	1	Washer-Seal
11	135-4207	1	O-Ring	68	134-1529	1	Pin
18	134-1508	1	Nut	69	145-7888	1	O-Ring, 1As36.0
19	145-7853	1	Spring, Lever	70	125-7205	3	Bolt
20	134-1385	1	Lever-Control	71	125-7207	2	Bolt
56	134-1395	1	Stopper-Shaft	72	125-7209	4	Bolt
59	125-7205	1	Bolt	73	136-8256	3	Bolt
62	145-7885	1	Bolt, Idle	74	145-7884	1	Cover, Governor Case
63	134-4014	1	Nut	119	134-4015	1	Solenoid, Stop

Fuel Injection Valve Assembly

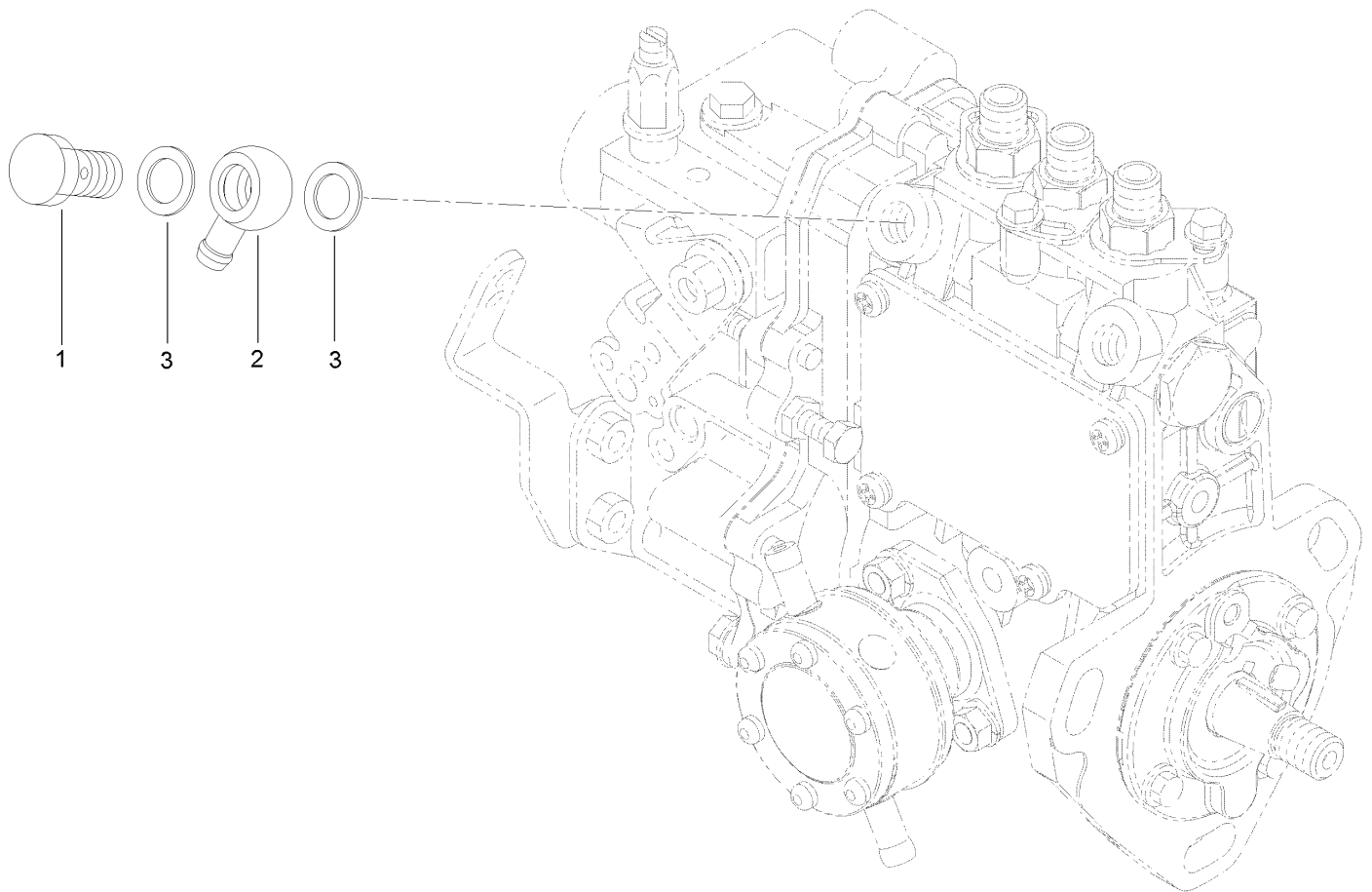


Fuel Injection Valve Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	135-4229	3	Nozzle ASM
3	135-4230	3	Nozzle ASM
4	135-4231	3	Adjusting Shim Set
15	134-1488	1	Retainer-Pipe
18	125-7027	2	Bolt
20	145-7876	1	Pipe Assy, Injection
24	145-7877	1	Pipe, Injection No. 2
28	145-7878	1	Pipe, Injection No. 3
32	145-7875	1	Pipe Assy, Return

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
33	145-7832	1	Bolt, Pipe Joint
34	135-4237	3	Gasket
35	145-7883	1	Pipe Assy, Fo Return
36	136-8225	2	Clamp-Hose
37	145-7882	1	Pipe, Fo Return
38	145-7860	1	Joint, Overflow
39	135-4240	3	Nut-Nozzle
40	125-7176	2	Washer-Seal

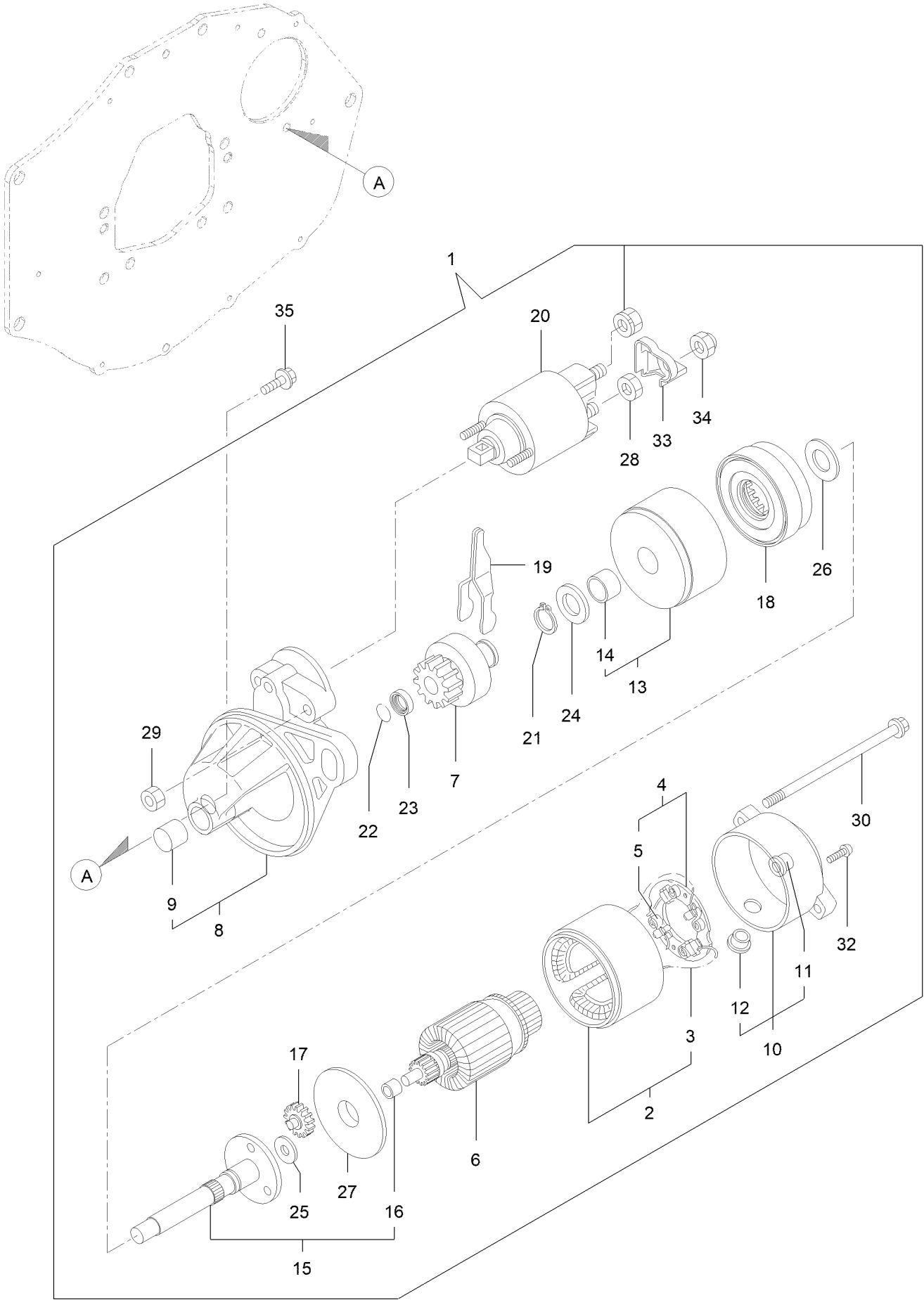
Fuel Pipe Assembly



Fuel Pipe Assembly (continued)

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

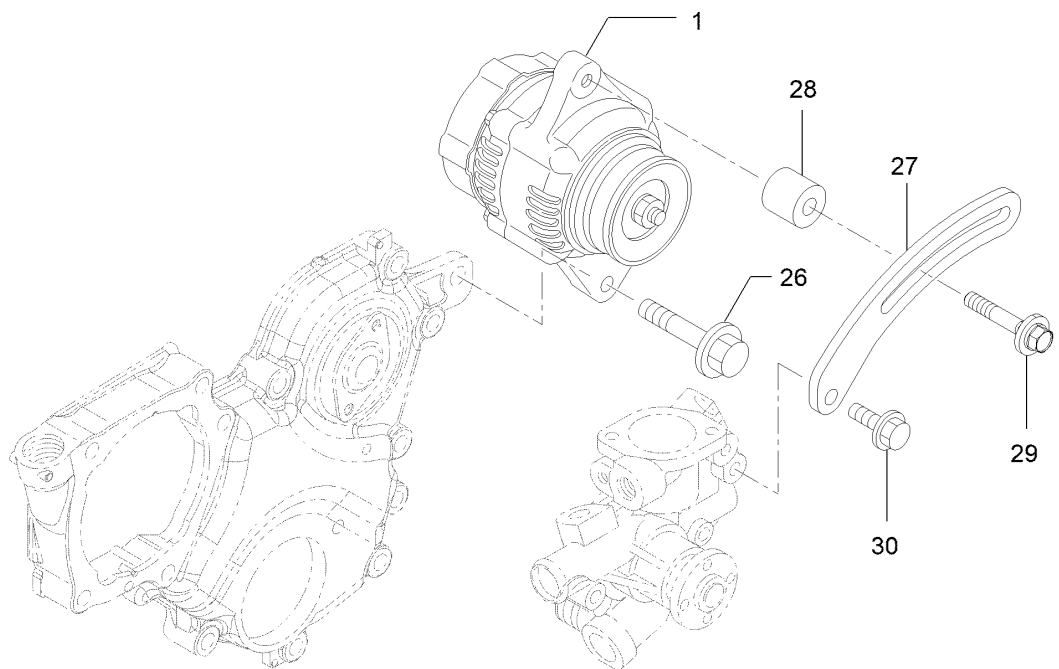
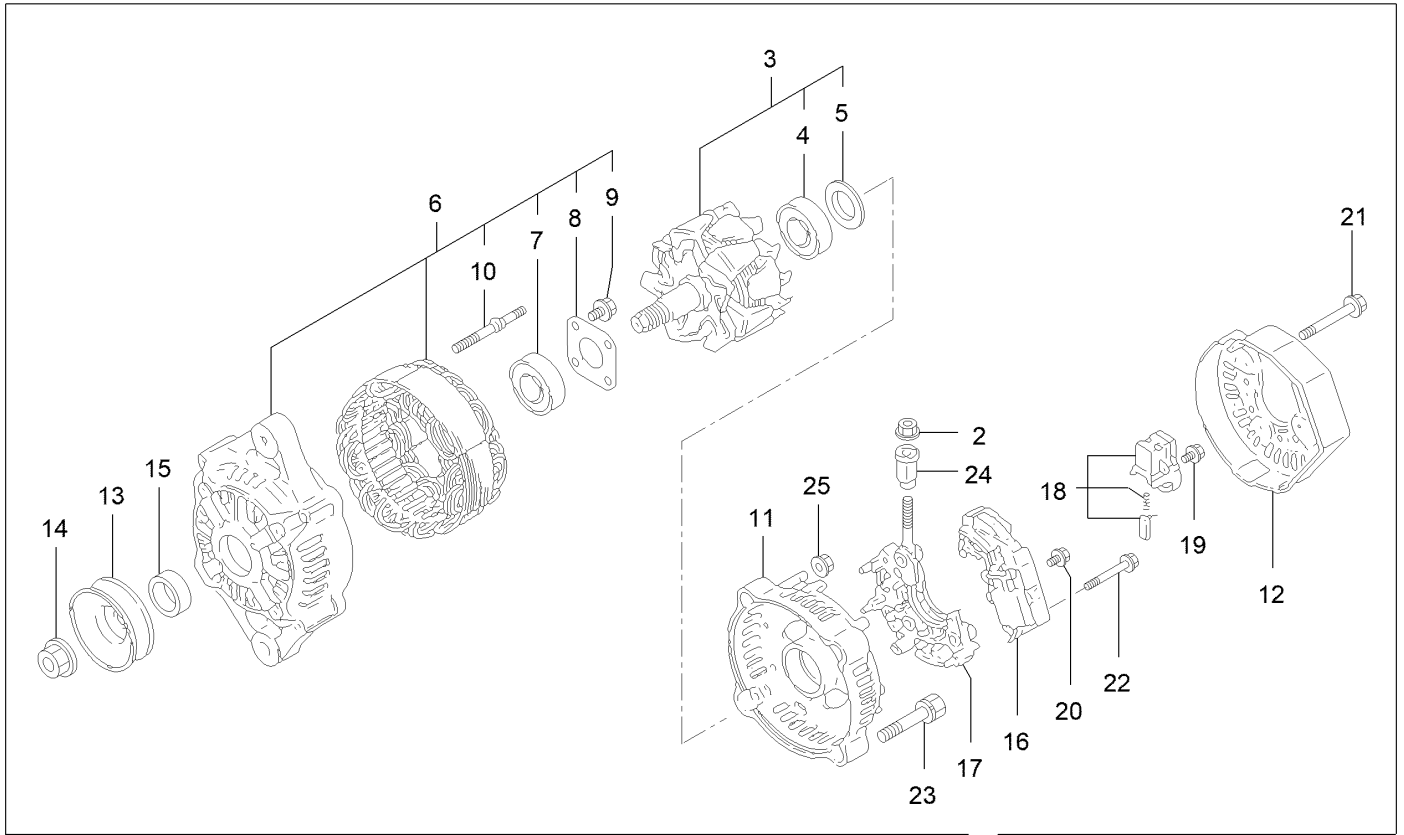
Starter Motor Assembly



Starter Motor Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	145-7851	1	Starter, P1.0	18	135-4261	1	Gear
2	145-7892	1	Yoke Assy	19	135-4262	1	Lever
3	135-4246	2	Starter Kit	20	135-4263	1	Switch ASM
4	135-4247	1	Holder ASM	21	135-4264	1	Ring
5	135-4248	4	Spring	22	135-4265	1	Ring
6	145-7893	1	Armature Assy	23	135-4266	1	Nut
7	135-4250	1	Clutch ASM	24	135-4267	1	Washer
8	135-4251	1	Housing ASM	25	135-4268	1	Washer
9	135-4252	1	Bearing-Needle	26	135-4269	1	Washer
10	135-4253	1	Frame ASM	27	135-4270	1	Plate
11	135-4254	1	Bearing	28	135-4271	1	Nut
12	135-4255	1	Cover	29	135-4272	2	Nut
13	135-4256	1	Bearing ASM	30	145-7894	2	Bolt, Through
14	135-4257	1	Bearing	32	135-4274	2	Screw
15	135-4258	1	Shaft ASM	33	135-4275	1	Cover-Terminal
16	135-4259	1	Bearing	34	135-4276	1	Nut
17	135-4260	3	Gear	35	127-3179	2	Bolt

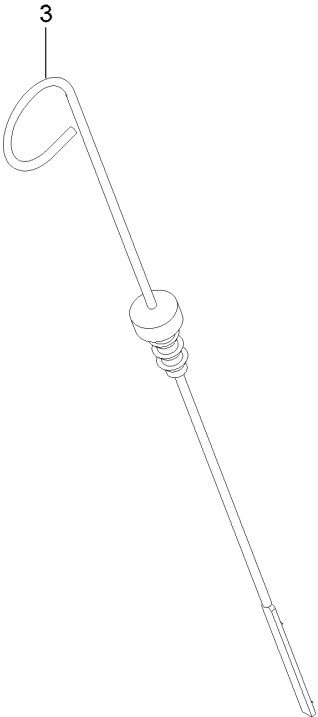
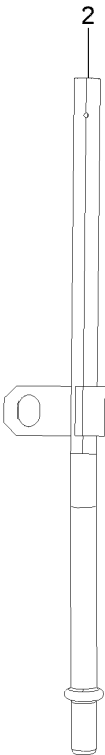
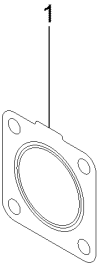
Generator Assembly



Generator Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	134-4016	1	Alternator, 12V-55A	16	145-7881	1	Regulator Assy
2	144-0647	1	Nut	17	127-3848	1	Holder
3	127-3843	1	Rotor ASM	18	127-2993	1	Holder
4	127-2983	1	Bearing-Ball	19	127-2965	6	Screw
5	127-2962	1	Cover	20	127-2966	1	Screw
6	135-4025	1	Frame ASM	21	127-2967	3	Bolt
7	127-2958	1	Bearing-Ball	22	127-2968	2	Screw
8	127-2959	1	Plate-Retainer	23	127-2969	2	Bolt
9	127-2960	4	Screw	24	127-2970	1	Bushing-Insulation
10	127-2961	2	Stud	25	127-2971	2	Nut
11	127-3845	1	Frame	26	135-4277	1	Bolt
12	134-4017	1	Cover, End	27	145-7852	1	Adjuster, Belt
13	127-2954	1	Pulley	28	140-7166	1	Spacer-Adjuster
14	127-2955	1	Nut	29	125-7134	1	Bolt
15	127-2957	1	Collar	30	125-7595	1	Bolt

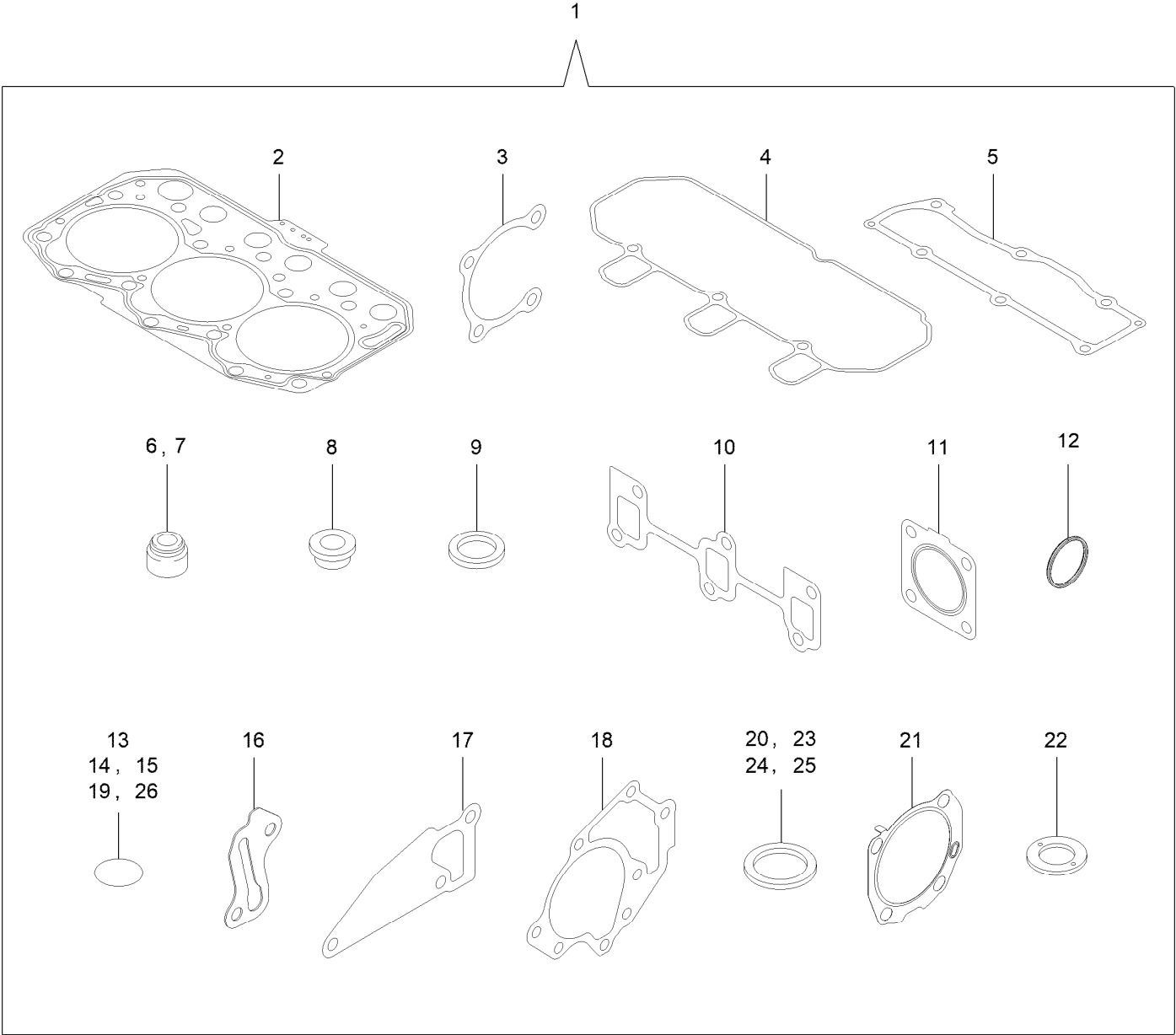
Accessories Assembly



Accessories Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	134-1383	1	Gasket-Silencer
2	145-2012	1	Guide-Dipstick
3	145-2013	1	Dipstick

Gasket Set



Gasket Set (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	145-7891	1	Gasket Set	14	145-7827	1	O-Ring
2	145-7861	1	Gasket, Head	15	145-7834	1	O-Ring, P11
3	145-7812	1	Gasket, Pump	16	145-7829	1	Gasket, Oil Pipe
4	145-7841	1	Gasket, Bonnet	17	145-7850	1	Gasket, Water Pump
5	145-7843	1	Gasket, Bonnet Cover	18	145-7806	1	Gasket, Water Pump
6	125-6915	3	Seal-Stem, Valve	19	145-7835	1	O-Ring, P21 Epdm
7	125-6916	3	Seal-Stem, Valve	20	125-6979	1	Gasket
8	135-4069	3	Protector-Nozzle	21	145-7831	1	Gasket, Fuel Pump
9	135-4070	6	Gasket-Nozzle	22	135-4237	3	Gasket
10	135-4107	1	Gasket-Manifold, Exhaust	23	125-7176	5	Washer-Seal
11	134-1383	1	Gasket-Silencer	24	136-8236	1	Washer-Seal
12	134-4004	1	Packing-Washer	25	125-7192	1	Gasket
13	133-6654	1	O-Ring	26	136-8249	2	O-Ring

Attachments and Accessories

For 08102 Workman UTX-D 2 Passenger Utility Vehicle

Product Name	Model/Part
Canopy-Standard	08110
Glass Windshield and Wiper	08112
Polycarbonate Windshield	08113
Polycarbonate Doors - Standard.....	08114
Polycarbonate Rear Windshield	08116
Overhead Console and Wire Harness	08130
Work Lights.....	08131
Beacon	08132
Electric Bed Lift.....	08134
Supervisor Key	08136
Side View Mirror Kit	08140
Rear View Mirror Kit.....	08141
Center Bed Racking, Workman UTX/MDX	08142
Under Seat Storage	08143
27in Alloy Wheels and Tires.....	08144
Draw Bar.....	08146
Side Bed Racking, Workman UTX/MDX/GTX.....	08148
Reverse Alarm Kit.....	131-8549
Wrench-Adjuster, Spring.....	139-4678
Puller-Clutch, UTX.....	140-4672
Universal Wireless Hourmeter Kit	144-2436
Universal 12V Power Point Kit	144-2438
Spark Arrester Kit	144-2443
Toro Premium Synthetic Transaxle Fluid.....	145-2048

Notes:

Notes:

Notes:



Count on it.