



Reelmaster® 2000-D

Model No. 03428 - 240000001 and up.

Parts Catalog

Ordering Replacement Parts

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

Understanding Reference Numbers

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

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

Service Assembly Reference Numbers

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

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

Reference Numbers Indicating Quantity

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

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

Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

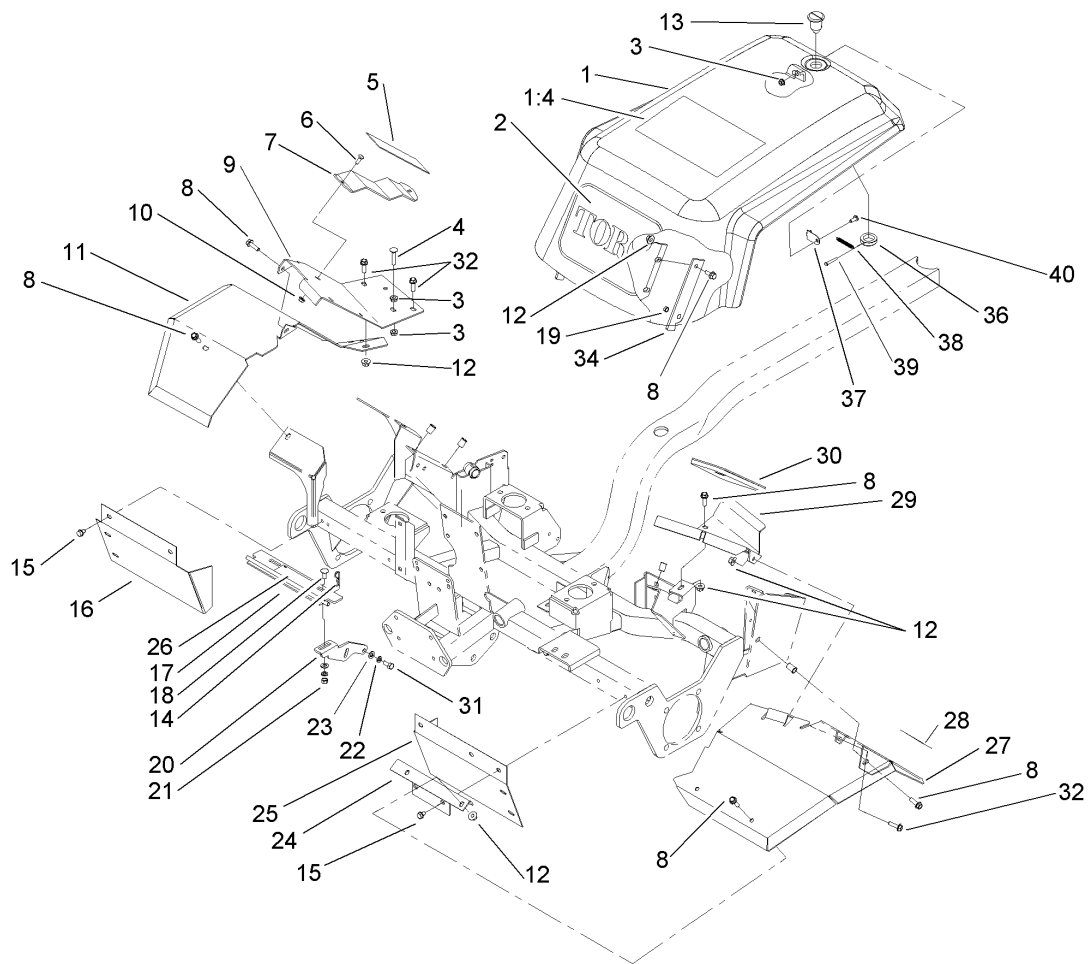
AR.	as required	HYD.	hydraulic
ASM.	assembly	INC.	incorporated
CARR.	carriage	LH.	left hand
DEG.	degrees	NI.	nylon insert
FH.	flat head	PPH.	phillips pan head
GA.	gauge	PTH.	phillips truss head
HF.	hex flange	PTO.	power take off
HH.	hex head	RH.	right hand
HHF.	hex head flange	SFH.	slotted fillister head
HHFTF.	hex head flange thread forming	SHH.	slotted hex head
HJ.	hex jam	SHWH.	slotted hex washer head
HLH.	hex lag head	SPH.	slotted pan head
HOC.	height-of-cut	SQH.	square head
HS.	hex	SRH.	slotted round head
HSBH.	hex socket button head	STD.	standard
HSFH.	hex socket flat head	TAP.	self tapping
HSH.	hex socket head	TTH.	torx truss head
HWH.	hex washer head	WH.	wing head
HWHTF.	hex washer head thread forming		

Footnotes

-  Not illustrated
-  Not serviced separately

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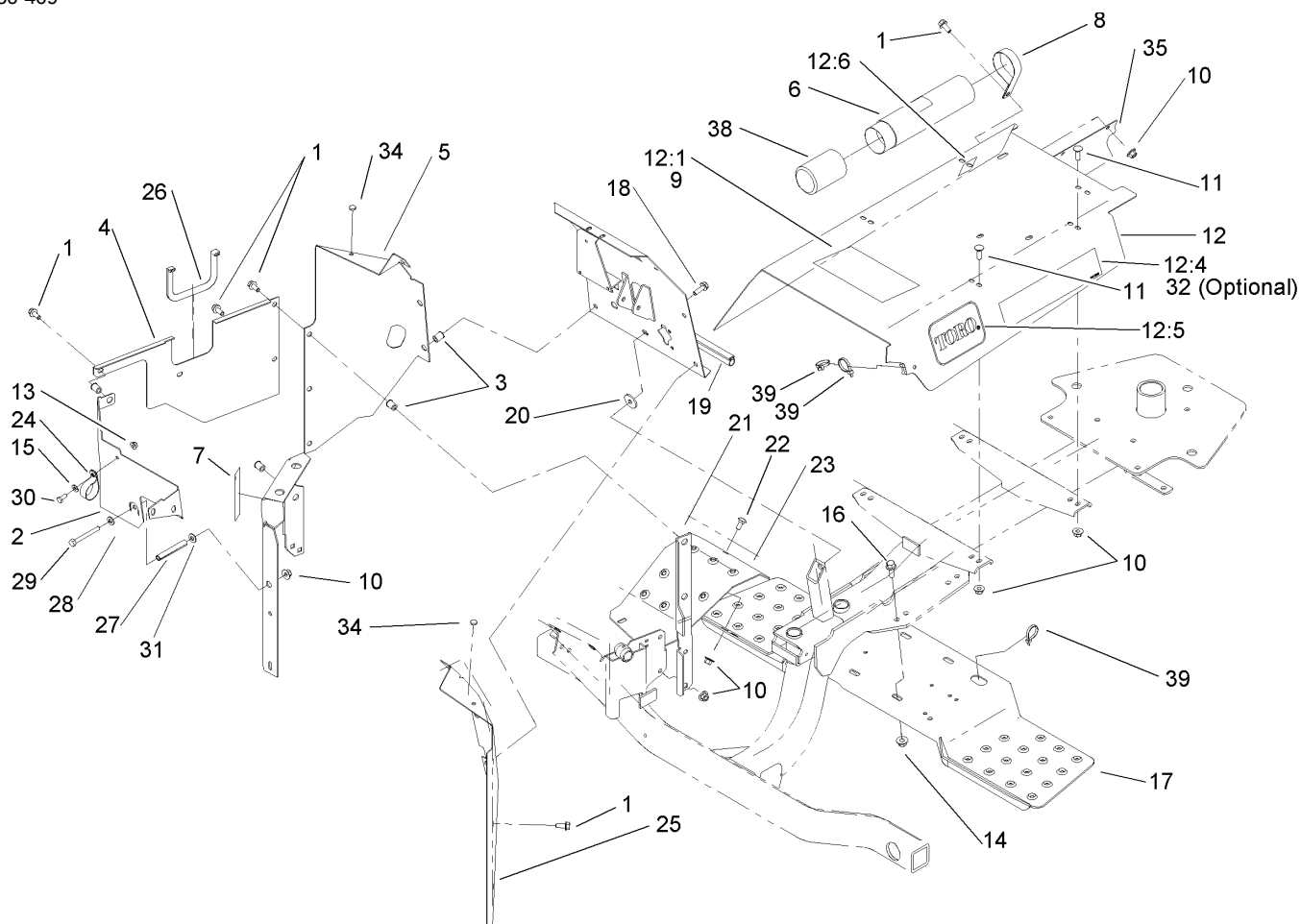
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Hood Assembly

Ref	Part No.	Qty.	Description
1	104-3987	1	Hood ASM
1:4	106-8109	1	Decal
2	66-1210	1	Decal
3	32128-20	3	Nut-HF
4	3230-27	1	Screw-CARR
5	76-2260	1	Pad-Footrest
6	3229-1	2	Screw-CARR
7	76-2200-03	1	Footrest-Pedal, Tract
8	3234-5	13	Screw
9	93-6779-03	1	Footrest-RH
10	32128-33	3	Nut-HF
11	93-6778-01	1	Fender-RH
12	32128-44	16	Nut
13	104-4074	1	Stud-Latch
14	3290-467	1	Pin-Hair
15	32104-82	5	Screw-HHF
16	104-4062-01	1	Shield-Front, RH
17	93-6780-03	1	Hinge
18	3230-2	2	Bolt-CARR
19	256-320	2	Bushing-Nylon
20	93-6742-03	2	Bracket-Hood, Pivot
21	3217-6	2	Nut-Hex
22	3253-4	6	Washer-Lock
23	3256-23	6	Washer-Flat

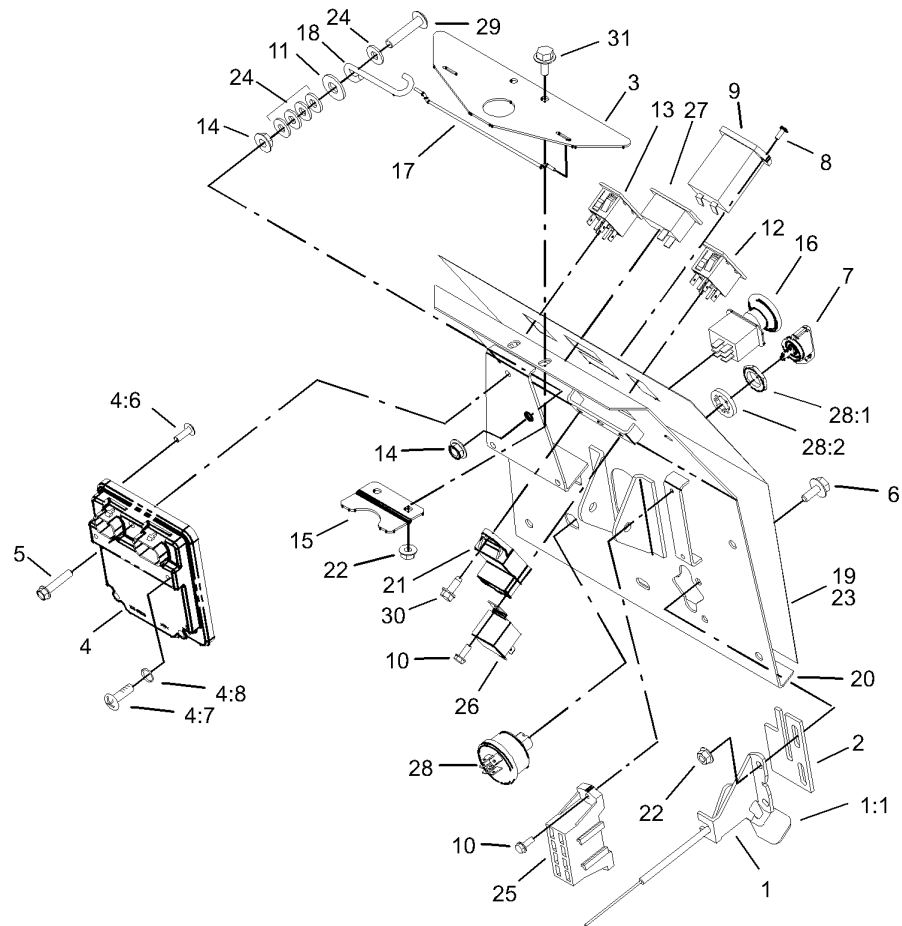
Ref	Part No.	Qty.	Description
24	83-8510-01	1	Bracket-Fender, Left
25	83-9800-01	1	Grass Shield-Front, LH
26	94-5056	1	Decal
27	93-6776-01	1	Fender-LH
28	93-7267	1	Decal-Brake
29	83-9710-03	1	Footrest-Pedal, Tract
30	83-9840	1	Pad-Foot
31	322-3	4	Screw-HH
32	3234-17	5	Screw-HHF
34	104-3968-03	2	Bracket-Hood
36	104-4078	1	Collar-Latch
37	104-4079	1	Bracket-Spring
38	104-4080	1	Spring-Extension
39	3290-360	1	Screw-HH
40	3290-145	1	Screw
99	3290-379	2	Tie-Cable



Skirt and Body Panel Assembly

Ref	Part No.	Qty.	Description
1	3234-5	16	Screw
2	104-3865-03	1	Panel-Front, RH
3	32148-7	8	Insert-Nut
4	104-4063-03	1	Front Panel ASM
5	104-3932-03	1	Panel-Rear, Right
6	104-7050	1	Housing-Manual
7	106-8120	1	Decal-Danger, Ce
8	2412-133	2	R-Clamp
9	106-8119	1	Decal-Warning, Ce
10	32128-44	13	Nut
11	3230-2	4	Bolt-CARR
12	104-3916	1	Skirt ASM
12:1	104-4096	1	Decal-Warning
12:4	104-3988	2	Decal
12:5	104-3989	2	Decal
12:6	105-4674	1	Decal-Noise, Ce
13	32128-33	1	Nut-HF
14	32128-43	4	Nut-Flange
15	3256-22	1	Washer-Flat
16	3234-11	4	Screw-HHF
17	93-6868-03	1	Step-Foot
18	3234-17	1	Screw-HHF
19	76-6471	1	Strip-Seal, Firewall
20	62-7170	1	Spacer-Rubber

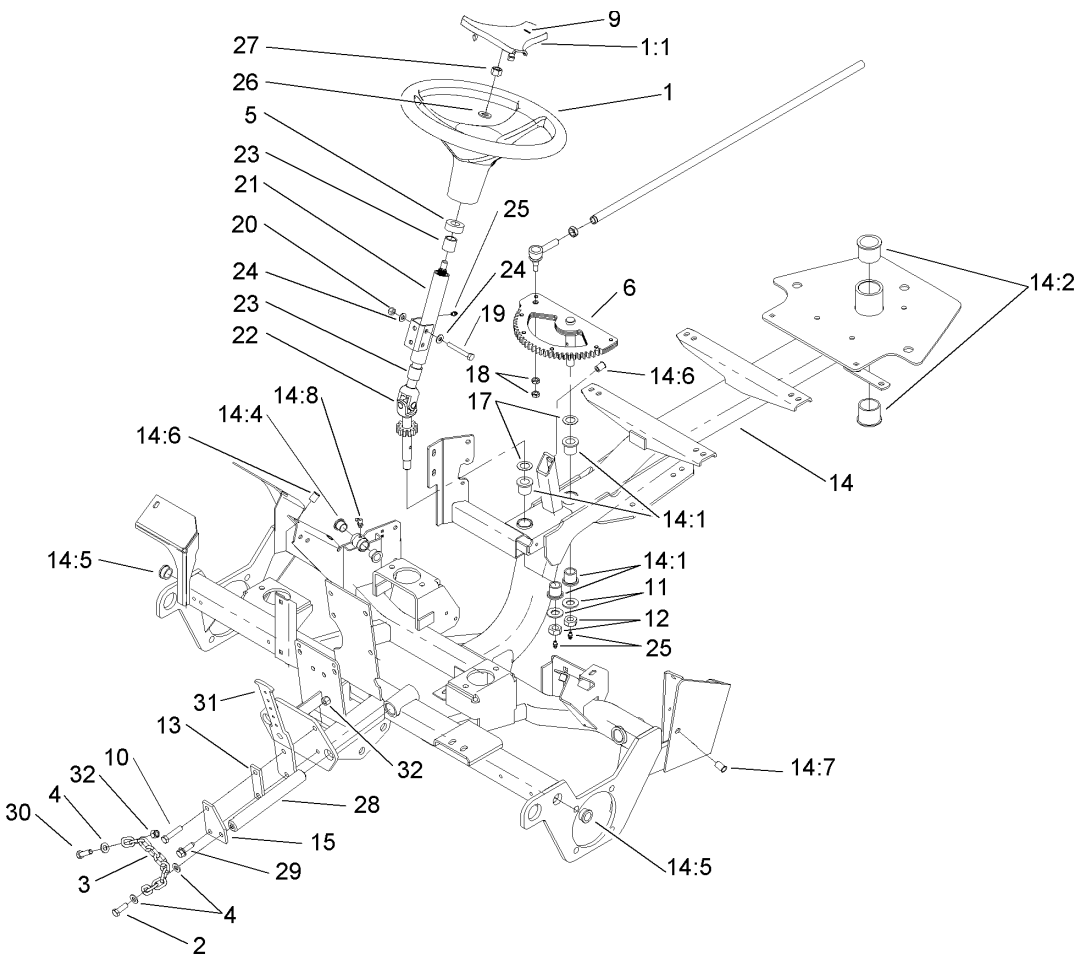
Ref	Part No.	Qty.	Description
21	104-4009-03	1	Angle-Right
22	3230-1	1	Bolt-CARR
23	93-6938-03	1	Shield-Footrest
24	2412-74	1	R-Clamp
25	93-6732-03	1	Panel-Rear, Left
26	104-4060	1	Trim
27	93-6908	1	Spacer-Split
28	3256-23	1	Washer-Flat
29	322-23	1	Screw-HH
30	321-3	1	Screw-HH
31	87-8640	1	Washer-Flat
32	104-4014	1	Decal-Sport, Reelmaster
34	104-4098	2	Seal-Foam
35	104-4086-01	1	Shield-Muffler
38	104-7048	1	Cap-Housing
39	3290-379	3	Tie-Cable



Instrument Panel Assembly

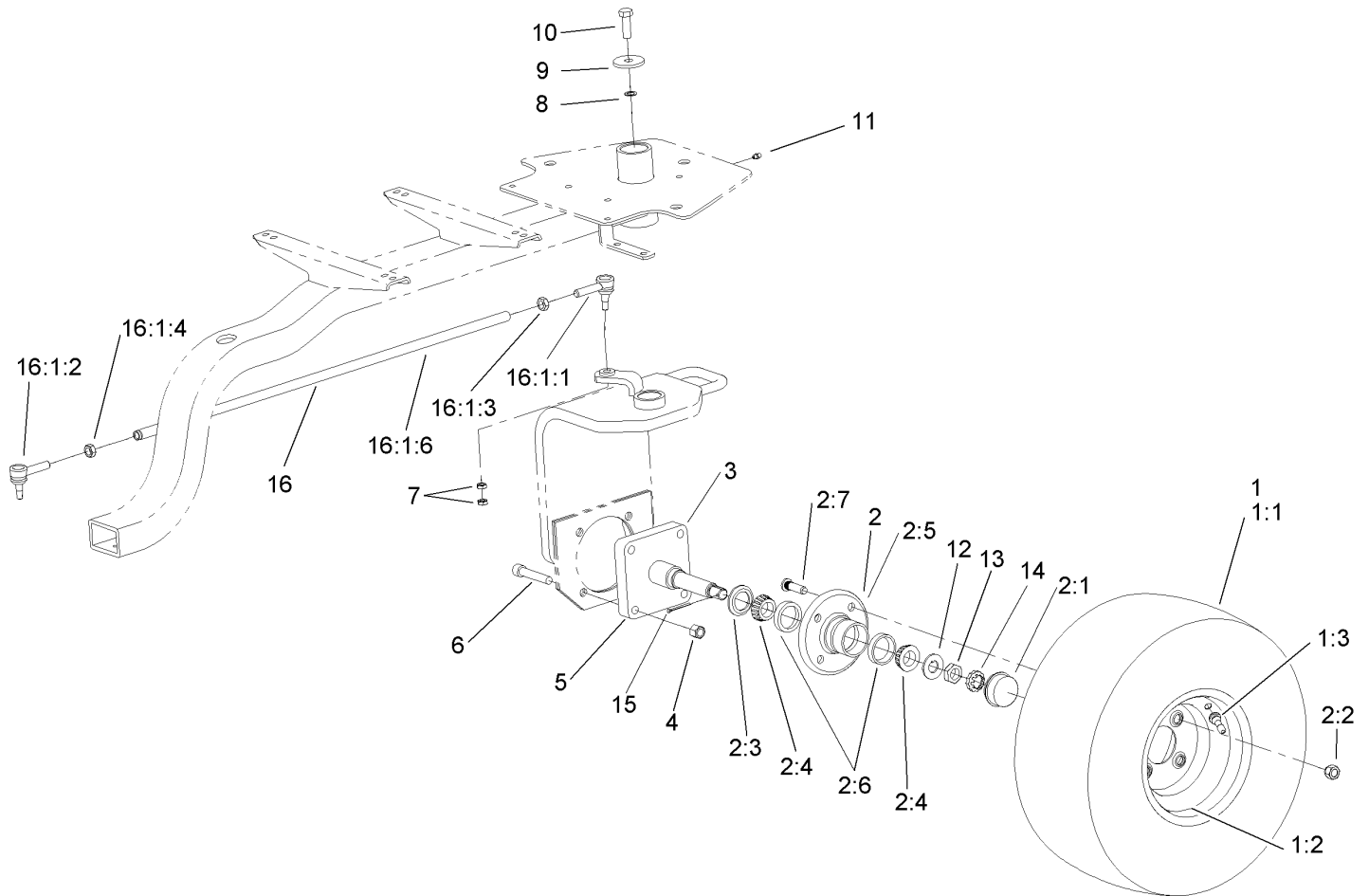
Ref	Part No.	Qty.	Description
1	104-3967	1	Cable-Control, Throttle
1:1	66-0120	1	Knob
2	93-6743	1	Stop-Throttle
3	104-4075-03	1	Plate-Latch
4	105-8505	1	Standard Control Module
②4:6		7	Screw-PPH
②4:7		2	Screw-PPH
②4:8		2	O-Ring
5	32144-110	3	Screw-HWH
6	3234-4	2	Screw-HHF
7	63-8360	2	Key-Ignition
8	32144-18	2	Screw-HH
9	75-6820	1	Hourmeter
10	32144-1	3	Screw-Taptite
11	3256-4	1	Washer-Flat
12	100-8070	1	Lamp-Warning
13	100-8071	1	Lamp-Warning
14	32128-44	2	Nut
15	104-4076-03	1	Plate-Spring, Keeper
16	93-9998	1	Switch-PTO
17	104-4077	1	Wire-Form
18	94-5973	1	Hook
19	104-3991	1	Decal
20	104-3864-03	1	Panel-Instrument

Ref	Part No.	Qty.	Description
21	99-9666	1	Module
22	32128-33	4	Nut-HF
23	104-3994	1	Decal
24	3256-2	5	Washer-Flat
25	104-4064	1	Harness-Wire, Main
①25:1	218-578	1	Fuse-10 Amp
①25:2	109355	1	Fuse-15 Amp
①25:3	104-4022	1	Resistor-75 Ohm
①25:4	94-6710	1	Fuse-Blade, 2 Amp
26	99-7435	1	Relay-Power
27	104-4071	1	Light-Indicator, Amber
28	104-2541	1	Switch-Key
28:1	218-461	1	Nut-HH
28:2	3254-5	1	Washer-Tooth
29	322-41	1	Screw-HH
30	32144-10	1	Screw-HWH
31	3234-13	2	Screw-HHF



Steering Assembly

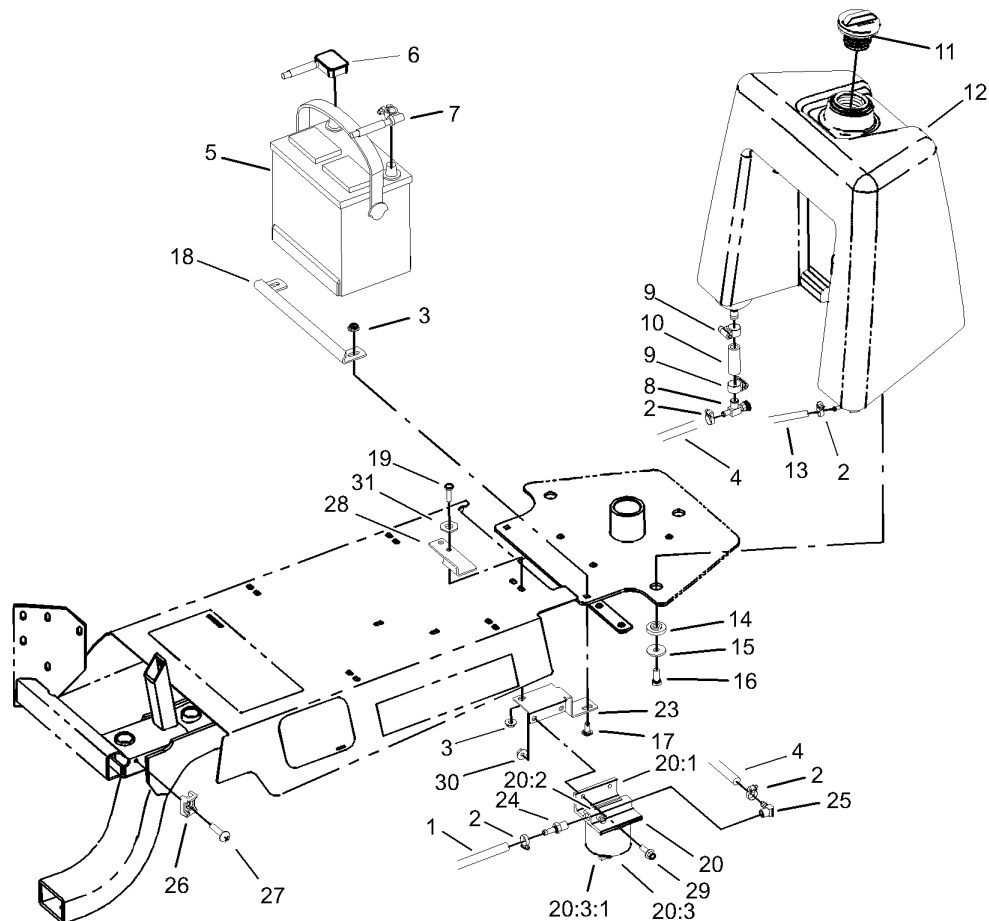
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	98-1471	1	Wheel-Steering	20	3296-29	1	Nut-Lock, NI
1:1	98-1468	1	Cover-Wheel, Steering	21	93-6769-03	1	Column-Steering
2	323-18	2	Screw-HH	22	94-5969	1	Shaft And Gear-Steering
3	93-6738	2	Chain	23	256-27	2	Bushing
4	3256-24	6	Washer-Flat	24	87-8640	2	Washer-Flat
5	21-9260	1	Cover-Dust	25	302-5	3	Fitting-Grease
6	93-6768-03	1	Gear-Sector	26	3256-26	1	Washer-Flat
9	98-1459	1	Decal	27	3296-25	1	Nut-Lock, NI
10	323-9	2	Screw-HH	28	92-1812	2	Shaft-Pivot, Lift
11	3256-27	2	Washer-Flat	29	32144-109	2	Screw
12	3296-33	2	Nut-Lock, NI	30	323-7	2	Screw-HH
13	98-3445	2	Spacer	31	92-1818-01	2	Arm-Spring, Tension
14	104-3913	1	Frame ASM	32	3296-39	4	Nut-Lock, NI
14:1	92-3162	4	Bushing				
14:2	256-245	2	Bushing-Flange				
14:4	75-2160	2	Bushing				
14:5	256-247	2	Bushing-Flange				
14:6	32148-7	4	Insert-Nut				
14:7	32148-8	1	Insert-Threaded				
14:8	302-60	1	Fitting-Grease				
15	98-3446	2	Plate-Reinforcement				
17	3-6498	6	Washer-Thrust				
18	3220-3	2	Nut-Jam				
19	322-12	1	Screw-HH				



Castor Fork Assembly

Ref	Part No.	Qty.	Description
② 1		1	Tire And Wheel ASM
1:1	94-5028	1	Tire
1:2	93-6881	1	Rim ASM
1:3	232-27	1	Stem-Valve
② 2		1	Hub ASM
2:1	241-119	1	Cap-Dust
2:2	242-50	4	Nut-Lug
2:3	253-129	1	Seal
2:4	254-94	2	Bearing-Cone, Taper
2:5	80-6580	1	Hub
2:6	254-72	2	Bearing-Cup, Tapered
2:7	10-6830	4	Stud-Type, Drive
3	104-3966-03	1	2wd Hub ASM
4	3296-23	4	Nut-Lock, NI
5	93-6782-01	1	Fork-Wheel, Rear
6	3274-93	4	Screw-HSH
7	3220-3	2	Nut-Jam
8	3255-2	1	Washer-Lock/ext
9	75-7730	1	Washer-Thrust
10	325-3	1	Screw-HH
11	302-5	1	Fitting-Grease
12	93-0309	1	Washer-Tab
13	3220-7	1	Nut-Jam
14	93-0307	1	Nut-Lock, Retainer

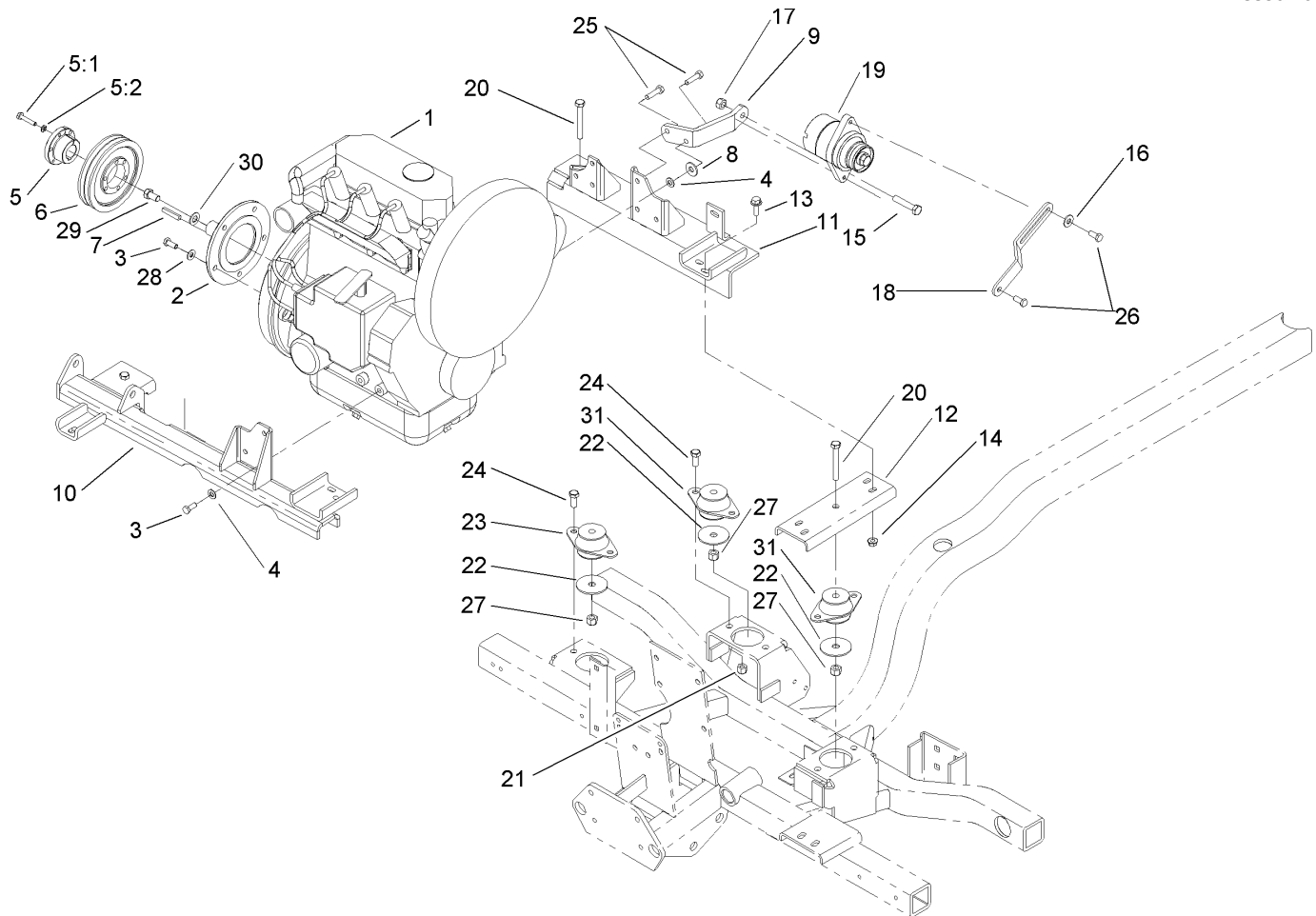
Ref	Part No.	Qty.	Description
15	3272-13	1	Pin-Cotter
② 16		1	Steering Tube ASM
16:1:1	21-0141	1	RH Ball Joint ASM
16:1:2	21-0151	1	LH Ball Joint ASM
16:1:3	3220-12	1	Nut-Hj, LH Thread
16:1:4	3220-5	1	Nut-Jam
16:1:6	61-2070-03	1	Tube-Steering



Fuel Tank and Filter Assembly

Ref	Part No.	Qty.	Description
1	93-5483	1	Hose-Fuel
2	2412-108	4	Clamp-Worm
3	32128-44	4	Nut
4	27-5370	1	Hose-Fuel
5	104-9979	1	Battery (Dry)
6	104-4061	1	Cable-Battery, Pos
7	94-5980	1	Cable-Battery, Neg
8	56-2520	1	Fitting-Shut Off, Fuel
9	2412-36	2	Clamp-Hose
10	104-4097	1	Hose ASM
11	93-3102	1	Cap-Fuel
12	83-8720	1	Tank-Fuel
13	104-4070	1	Hose-Fuel
14	240-11	3	Bushing-Flange
15	63-8410	3	Washer
16	323-5	3	Screw-HH
17	3230-1	2	Bolt-CARR
18	83-9240	1	Bracket-Battery
19	322-5	2	Screw-HH
20	63-7650	1	Separator-Filter/water
20:1	63-8280	1	Head ASM
20:2	63-8290	1	Vent-Air
20:3	63-8300	1	Element-Spin-On
20:3:1	63-8310	1	Valve-Drain

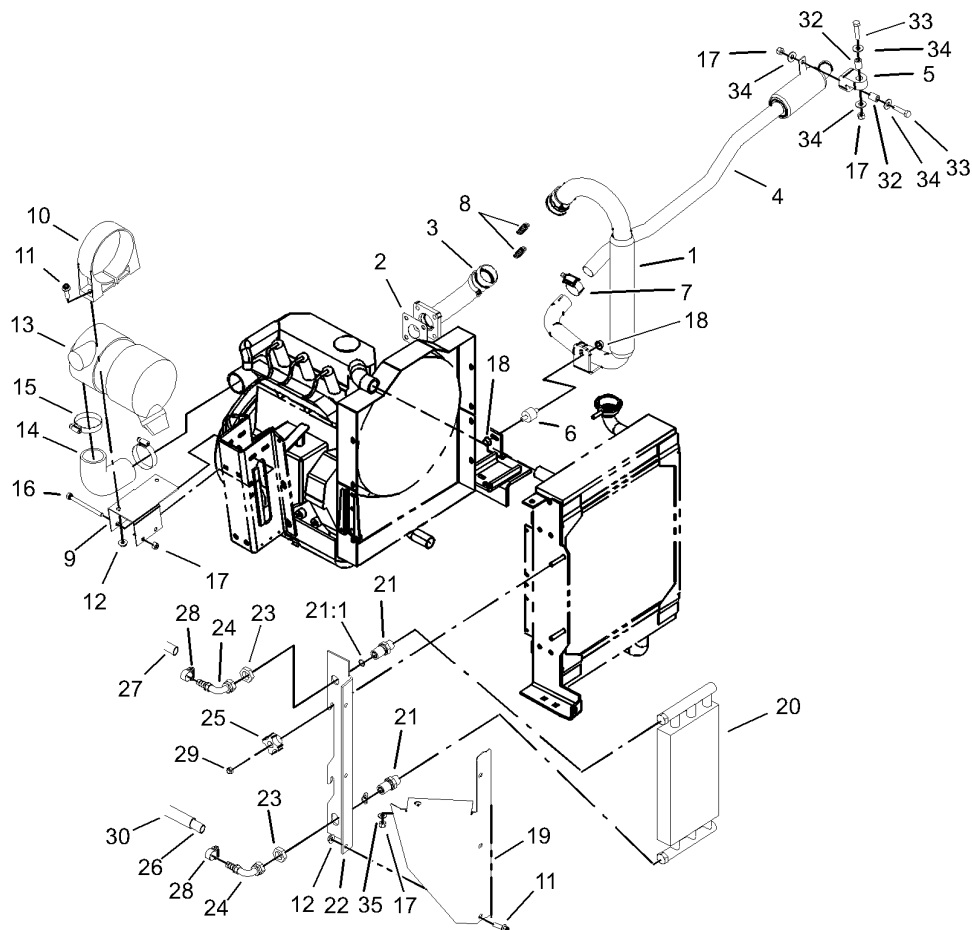
Ref	Part No.	Qty.	Description
23	104-3947-01	1	Bracket-Filter, Fuel
24	353-783	1	Fitting
25	353-781	1	Fitting-Elbow
26	3290-509	1	Tie-Mount
27	63-8590	1	Screw
28	104-4028-01	1	Bracket-Stop
29	3234-4	2	Screw-HHF
30	32128-33	2	Nut-HF
31	3256-3	1	Washer-Flat



Engine Assembly

Ref	Part No.	Qty.	Description
1	104-3855	1	Engine-B/s, Diahatsu
2	104-3860-03	1	Shaft-Stub, Flywheel
3	33114-020	16	Screw-HH
4	3256-23	12	Washer-Flat
5	61-3340	1	Bushing
5:1	100-4208	3	Screw-HH
5:2	100-4209	3	Washer-Lock/sp
6	100-4207	1	Sheave
7	67-7490	1	Key-Square
8	80-6990	1	Washer-Hardened
9	93-2445	1	Bracket-Alternator, Upper
10	104-3869-03	1	Frame-Engine, Front
11	104-3868-03	1	Frame-Engine, Rear
12	104-3870-03	1	Channel-Engine
13	3234-29	4	Screw-HHF
14	32128-20	4	Nut-HF
15	33115-050	1	Screw-HH
16	3256-3	1	Washer-Flat
17	33025-00	1	Nut-Lock
18	93-2446	1	Bracket-Alternator, Lower
19	99-9209	1	Alternator
20	324-11	3	Screw-HH
21	3296-39	6	Nut-Lock, NI
22	87-5100	3	Washer-Snubbing

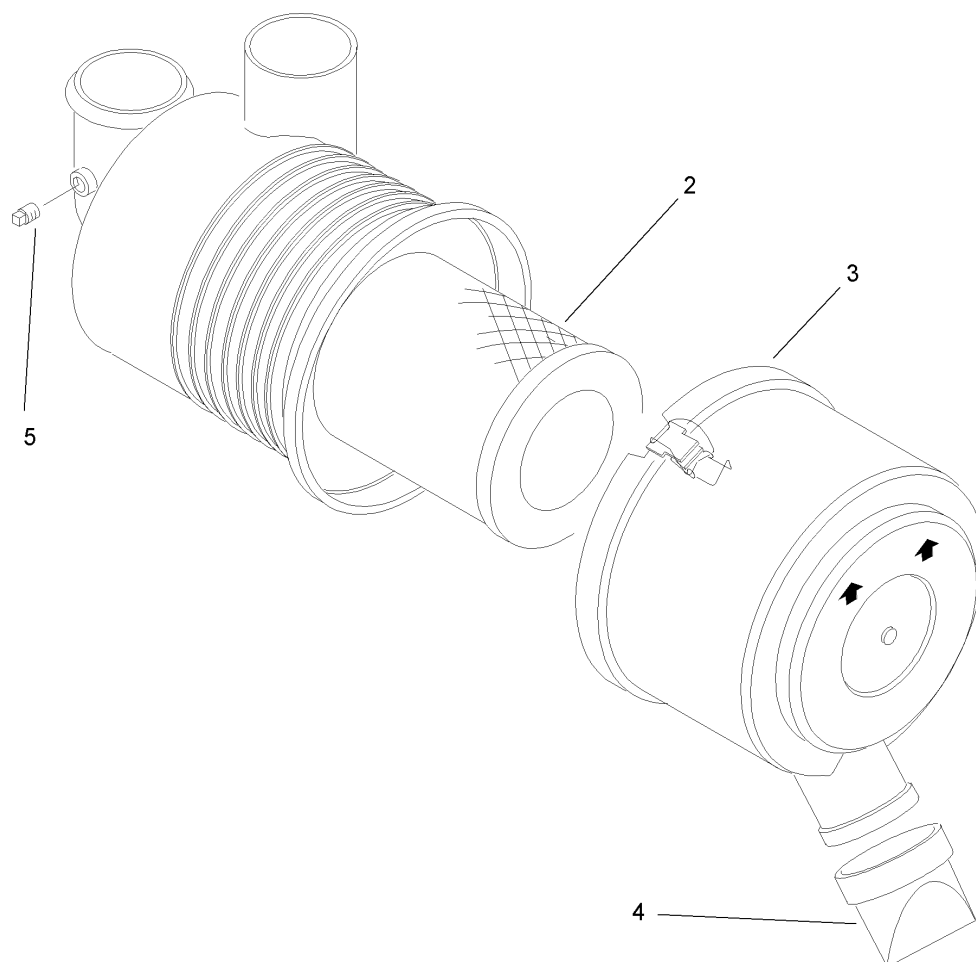
Ref	Part No.	Qty.	Description
23	53-9681	1	Mount-Engine
24	323-5	6	Screw-HH
25	33114-030	2	Screw-HH
26	33114-020	2	Screw-HH
27	3296-48	3	Nut-Lock, NI
28	87-8640	5	Washer-Flat
29	3212-2	1	Screw-HH
30	3256-25	1	Washer-Flat
31	53-9680	2	Mount-Engine



Muffler, Air Cleaner and Oil Cooler Assembly

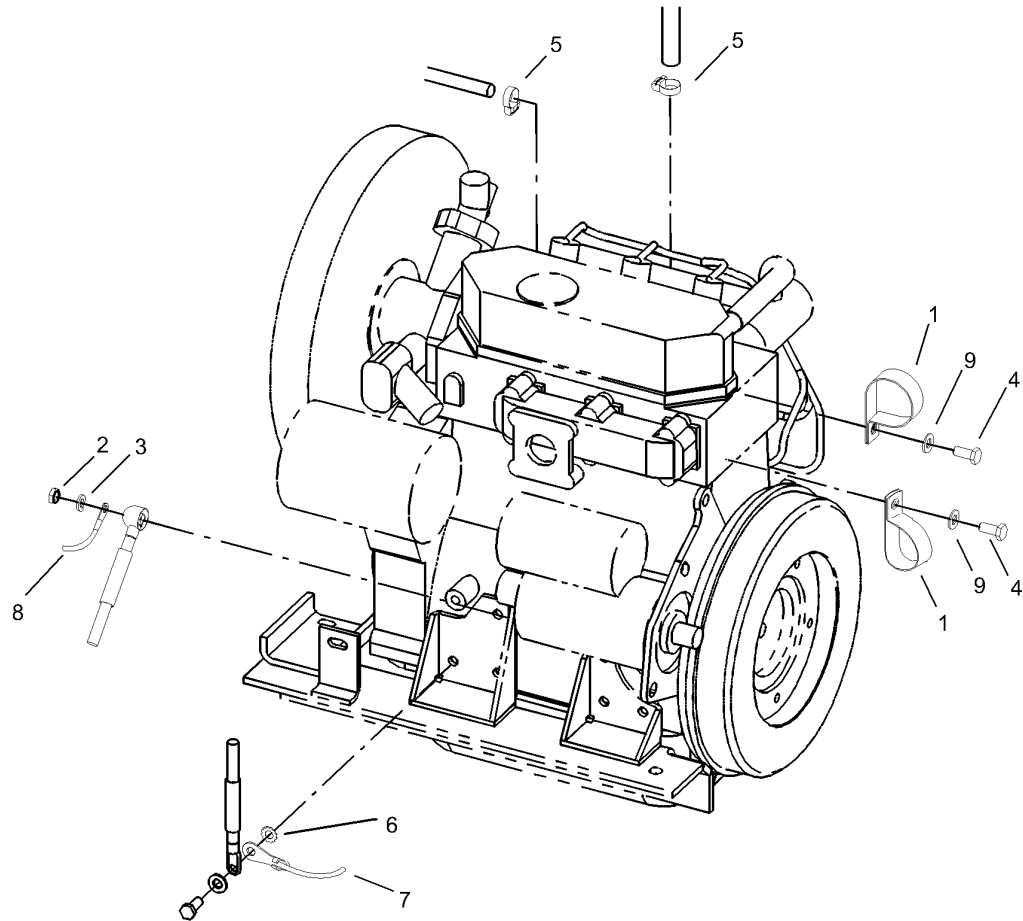
Ref	Part No.	Qty.	Description
1	104-4034	1	Muffler
2	99-9179	1	Gasket-Exhaust
3	104-4035	1	Header-Muffler
4	104-4036	1	Tailpipe
5	95-5622	1	Hanger-Rubber
6	104-4038	1	Isolator-Rubber
7	104-4090	1	Clamp-Muffler
8	104-6478	2	Spring-Coupler, Exhaust
9	104-3884-03	1	Bracket-Cleaner, Air
10	95-5806	1	Bracket-Mounting
11	3234-17	5	Screw-HHF
12	32128-44	5	Nut
13	93-2190	1	Air Cleaner ASM
14	104-3908	1	Hose-Intake, Air
15	2412-130	2	Clamp-Hose
16	322-23	2	Screw-HH
17	3296-29	5	Nut-Lock, NI
18	98-0668	2	Nut
19	83-8210-03	1	Panel-Front, Left
20	93-6932	1	Cooler-Oil
21	83-7970	2	Connector
21:1	237-30	1	O-Ring
22	88-6730-03	1	Bracket-Screen, Front
23	340-127	2	Nut-Bulkhead

Ref	Part No.	Qty.	Description
24	93-6803	2	Fitting-90 DEG
25	93-7159	2	Handle-Knob
26	104-4004	1	Hose
27	93-6805	1	Hose
28	2412-36	2	Clamp-Hose
29	32153-3	2	Nut-Lock
30	93-6933	1	Sleeve-Protective
32	93-5023	2	Spacer
33	322-7	2	Screw-HH
34	3256-3	4	Washer-Flat
35	3256-23	1	Washer-Flat



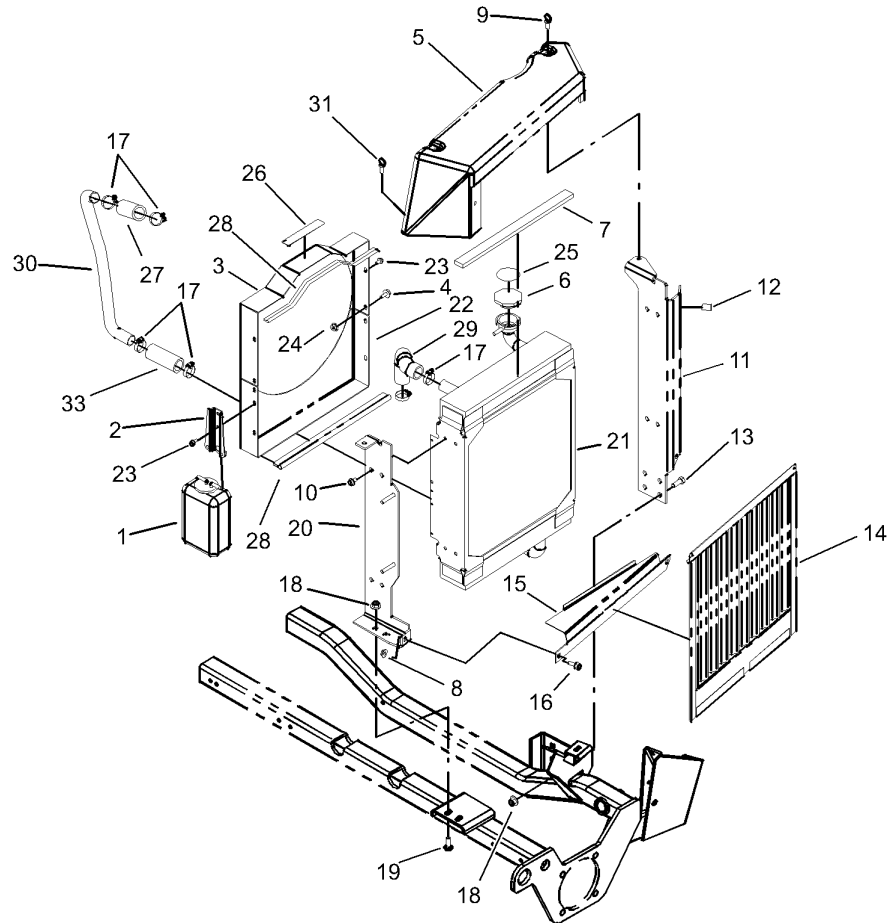
Air Cleaner Assembly No. 93-2190

Ref	Part No.	Qty.	Description
2	93-2195	1	Filter
3	94-3652	1	Cover ASM
4	94-1414	1	Valve-Vacuator
5	285-17	1	Plug-Pipe



Engine Installation Assembly

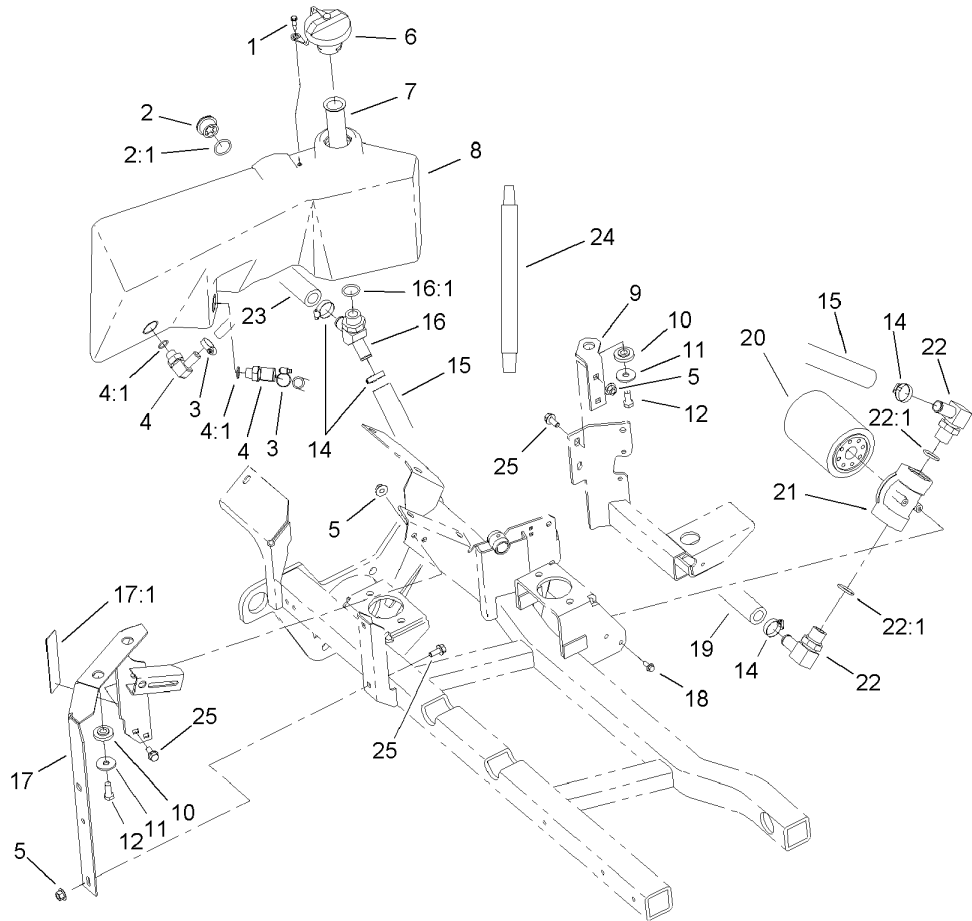
Ref	Part No.	Qty.	Description				
1	2412-96	2	Clamp-R				
2	57-6390	1	Nut-Jam				
3	42-9850	1	Washer-Lock, Spring				
4	33114-016	2	Screw-HH				
5	2412-108	2	Clamp-Worm				
6	3255-8	1	Washer-Lock				
7	104-3986	1	Harness-Wire, Engine				
7:1	100-4918	1	Diode				
8	99-3441	1	Harness-Wire, Fusible Link				
9	3256-23	2	Washer-Flat				



Radiator Assembly

Ref	Part No.	Qty.	Description
1	104-3930	1	Tank-Radiator, Surge
2	104-3931	1	Mounting-Tank, Surge
3	104-3944-03	1	Shroud-Radiator, Top
4	3234-4	2	Screw-HHF
5	83-8040	1	Cover-Left
6	66-3240	1	Cap-Radiator
7	83-9030	1	Foam-Top
8	32128-44	3	Nut
9	104-4000	2	Screw-Thumb
10	3234-28	8	Screw-HHF
11	104-4006-03	1	Rear Radiator Bracket ASM
12	32148-8	3	Insert-Threaded
13	323-6	4	Screw-HH
14	83-8150-03	1	Screen ASM
15	83-8070-03	1	Shield-Radiator, Bottom
16	3234-5	2	Screw
17	2412-34	6	Clamp-Hose
18	32128-43	6	Nut-Flange
19	3231-22	2	Screw-CARR
20	104-4008-03	1	Front Radiator Bracket ASM
21	104-3861	1	Radiator ASM
22	104-3945-03	1	Shroud-Radiator, Bottom
23	32104-116	7	Screw
24	32128-33	2	Nut-HF

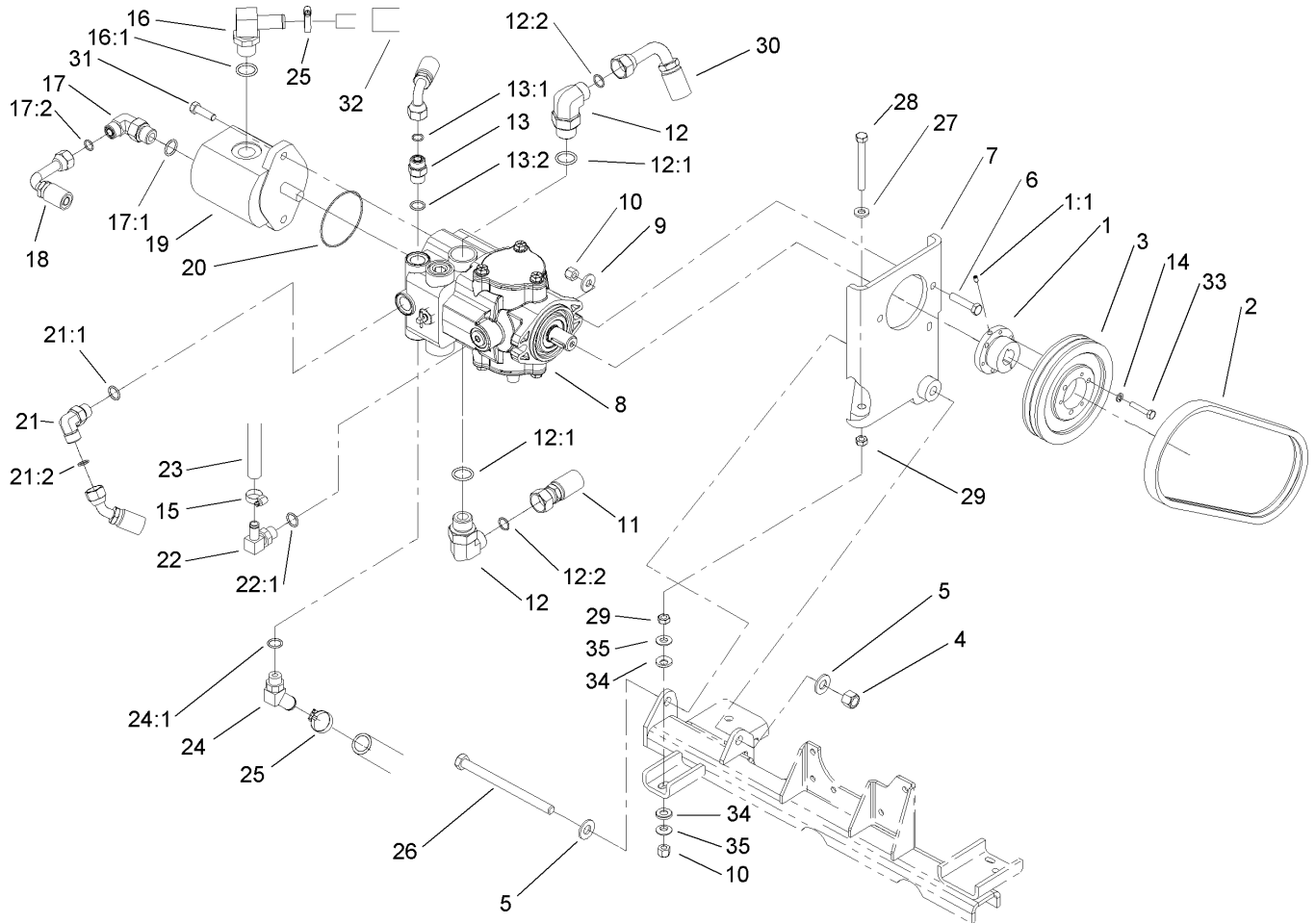
Ref	Part No.	Qty.	Description
25	106-5976	1	Decal-Warning
26	93-7272	1	Decal-Warning
27	104-3912	1	Hose-Radiator
28	104-4029	2	Seal-Bulb
29	104-3911	1	Hose-Radiator, Top
30	104-3914-03	1	Tube-Radiator
31	3234-17	1	Screw-HHF
33	104-4068	1	Hose-Radiator



Hydraulic Tank and Filter Assembly

Ref	Part No.	Qty.	Description
1	57-5420	1	Screw-Shoulder
2	69-1170	1	Glass-Sight
2:1	237-81	1	O-Ring
3	2412-36	2	Clamp-Hose
4	106-8108	2	Fitting-Hyd, 90 DEG
4:1	237-65	1	O-Ring
5	32128-44	5	Nut
6	93-7160	1	Cap-Oil, HYD
7	61-2790	1	Filter-Screen
8	106-8111	1	Tank-HYD
9	83-9920	1	Bracket-Tank, HYD
10	240-11	3	Bushing-Flange
11	63-8410	3	Washer
12	323-5	3	Screw-HH
14	2412-34	4	Clamp-Hose
15	104-4089	1	Hose-Suction
16	93-6794	1	Fitting-45 DEG
16:1	237-81	1	O-Ring
17	104-3980	1	U-Bracket ASM
17:1	67-5360	1	Decal-Danger
18	3234-33	2	Screw-HHF
19	104-4011	1	Hose-Suction
20	54-0110	1	Filter-Oil, Transmission
21	68-8990	1	Filter Head ASM

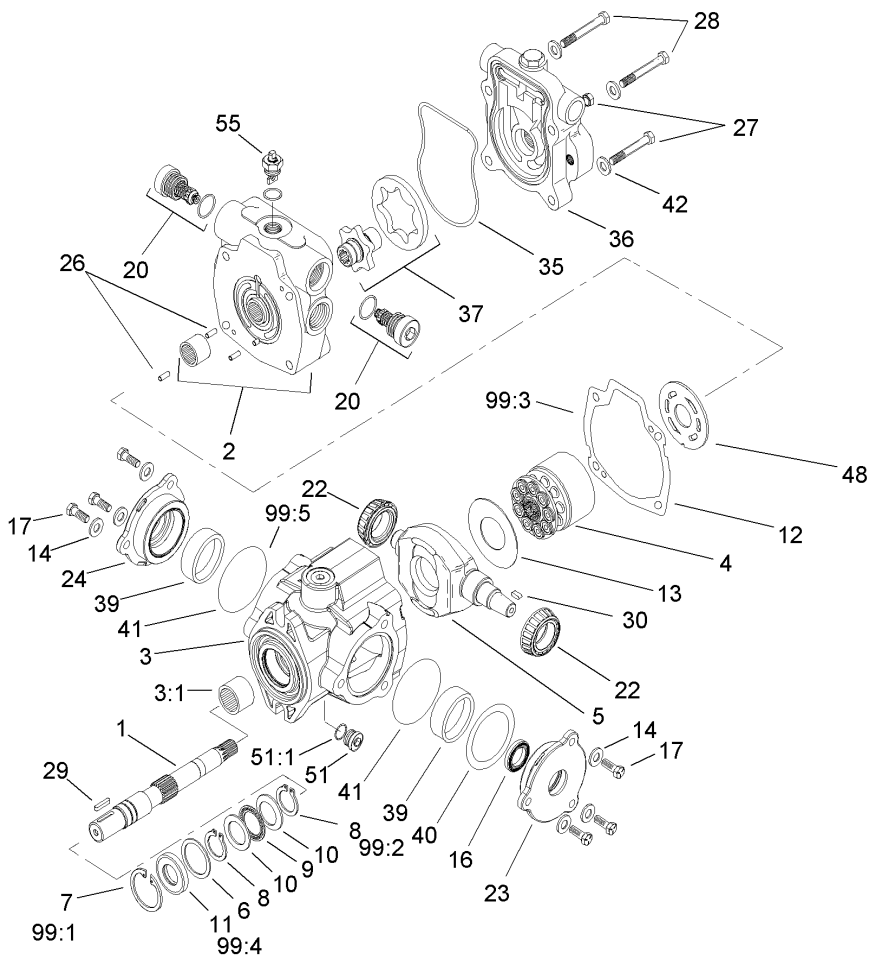
Ref	Part No.	Qty.	Description
22	353-987	2	Fitting-Hyd, 90 DEG
22:1	237-81	1	O-Ring
23	93-6857	1	Hose-Suction
24	88-9220	1	Plug-Reservoir
25	3234-5	5	Screw



Hydraulic Pump Assembly

Ref	Part No.	Qty.	Description
1	93-6842	1	Bushing-Lock, Taper
1:1	3245-36	1	Screw-HSH
2	93-6840	1	V-Belt
3	93-6841	1	Pulley
4	3296-23	1	Nut-Lock, NI
5	87-7270	2	Washer-Thrust
6	323-9	2	Screw-HH
7	104-3898-03	1	Pump Support ASM
8	104-3874	1	Pump-Piston, HYD
9	80-6990	2	Washer-Hardened
10	3296-39	3	Nut-Lock, NI
11	104-3999	1	Hose ASM
12	340-139	2	Fitting-Hyd, 90 DEG
12:1	237-81	1	O-Ring
12:2	237-65	1	O-Ring
13	340-4	1	Fitting-Hyd, Sraight
13:1	237-30	1	O-Ring
13:2	237-79	1	O-Ring
14	3253-3	3	Washer-Lock
15	2412-36	1	Clamp-Hose
16	353-987	1	Fitting-Hyd, 90 DEG
16:1	237-81	1	O-Ring
17	340-105	1	Fitting-Hyd, 90 DEG
17:1	237-80	1	O-Ring

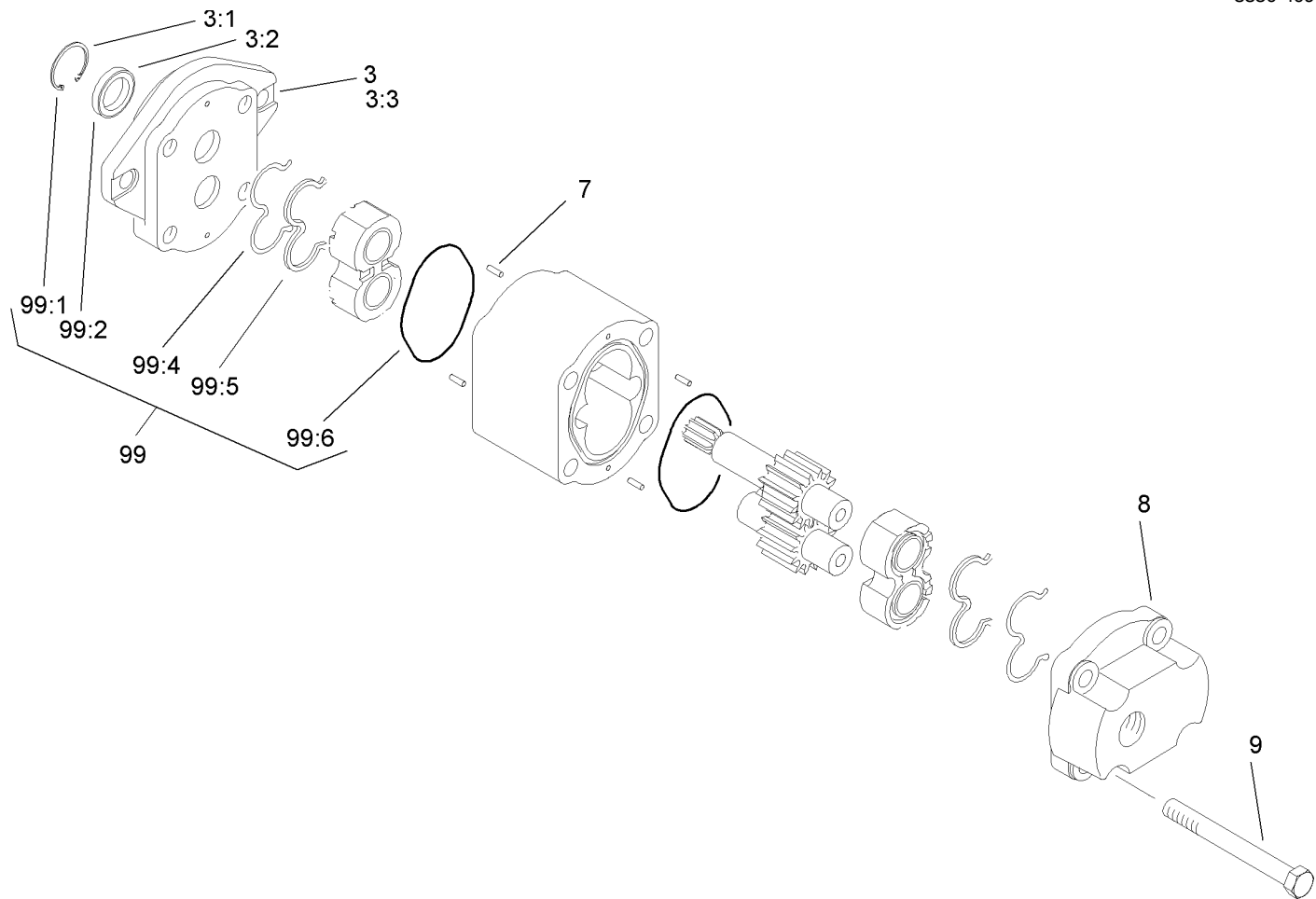
Ref	Part No.	Qty.	Description
17:2	237-30	1	O-Ring
18	104-4003	1	Hose ASM
19	99-6131	1	Pump-Drive, Reel
20	353-949	1	O-Ring
21	340-98	1	Fitting-Hyd, 90 DEG
21:1	237-79	1	O-Ring
21:2	237-30	1	O-Ring
22	93-6795	1	Fitting-90 DEG
22:1	237-79	1	O-Ring
23	104-4059	1	Hose-Return
24	93-6848	1	Fitting-HYD
24:1	237-79	1	O-Ring
25	2412-34	2	Clamp-Hose
26	325-33	1	Screw-HH
27	100-4852	1	Washer-Hardened
28	323-49	1	Bolt-TAP
29	3217-7	2	Nut-Hex
30	104-3998	1	Hose ASM
31	323-7	2	Screw-HH
32	94-3688	1	Sleeve-Protective
33	321-13	3	Screw-HH
34	104-4067	2	Washer
35	104-4066	2	Washer



Hydraulic Pump Assembly No. 104-3874

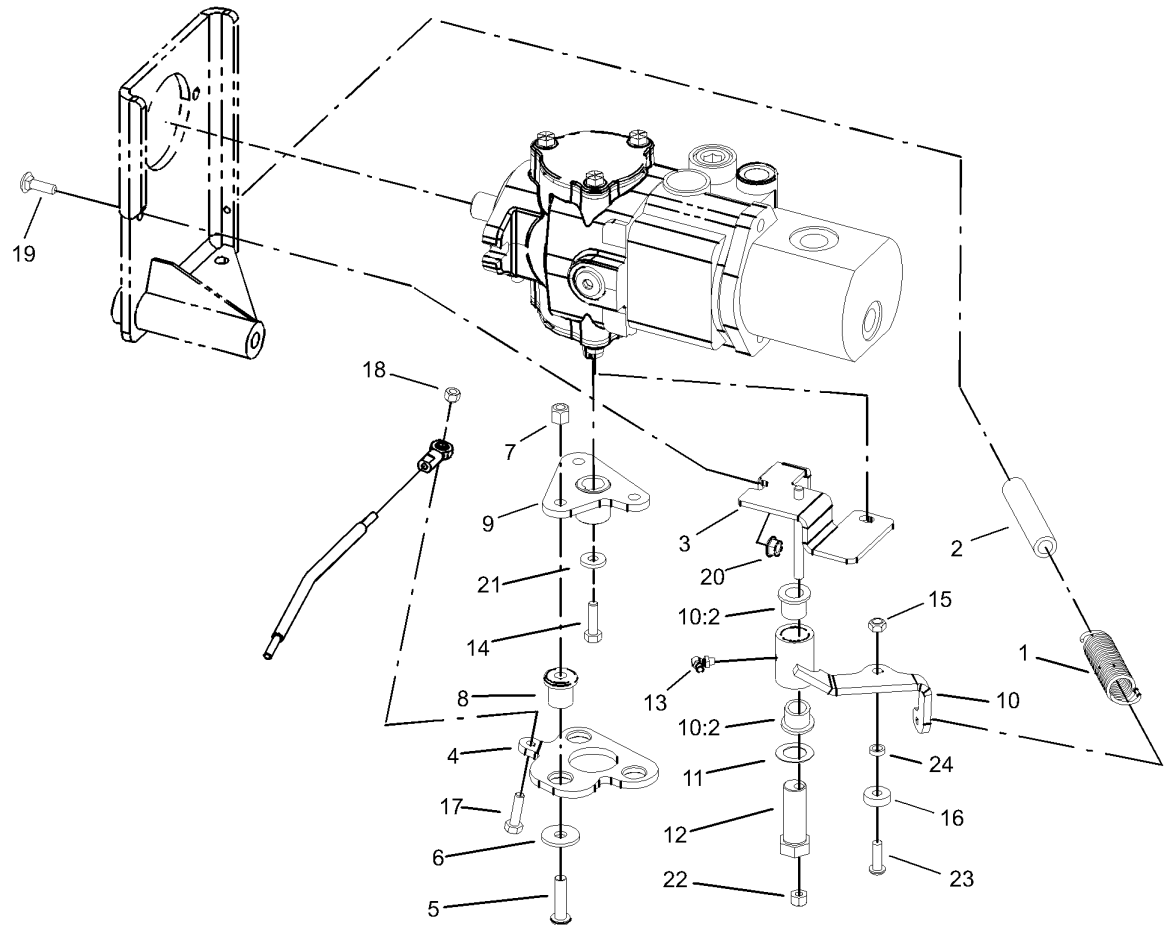
Ref	Part No.	Qty.	Description
1	94-3642	1	Shaft-Drive
2	104-4047	1	Endcover
3	100-3176	1	Housing ASM
3:1	94-6363	1	Bearing
4	76-6070	1	Rotating Kit
5	100-3175	1	Camplate
6	33-3720	1	Washer
7	32151-13	1	Ring-Retaining
8	32151-29	2	Ring-Retaining
9	252-66	1	Bearing-Thrust
10	252-71	2	Washer-Thrust
11	104-4861	1	Seal-Shaft
12	33-4930	1	Gasket-Housing
13	98-4635	1	Insert-Plate, Cam
14	105-9762	6	Washer
16	76-6190	1	Seal-Shaft
17	98-4640	6	Screw-Cap
20	105-3812	2	Valve-Check
22	98-4639	2	Bearing-Cone
23	98-4645	1	Plate-Cover
24	98-4644	1	Plate-Cover
26	76-6150	2	Pin-Dowel
27	104-4042	2	Screw-Cap
28	104-4043	2	Screw-Cap

Ref	Part No.	Qty.	Description
29	94-3645	1	Key
30	94-3646	1	Key
35	104-4044	1	O-Ring
36	104-4045	1	Charge Pump Adapter ASM
37	94-3648	1	Gerotor & Coupler ASM
39	104-4046	2	Bearing-Cup
40	100-3182	2	Shim Kit
41	100-3179	2	O-Ring
42	104-4048	4	Washer
48	104-4049	1	Plate-Valve
51	74-9280	1	Plug ASM
51:1		1	O-Ring
55	105-3811	1	Valve-Bypass
99	104-4868	1	Seal Repair Kit
99:1	32151-13	1	Ring-Retaining
99:2	32151-29	1	Ring-Retaining
99:3	33-4930	1	Gasket-Housing
99:4	104-4861	1	Seal-Shaft
99:5	100-3179	1	O-Ring



Gear Pump Assembly No. 99-6131

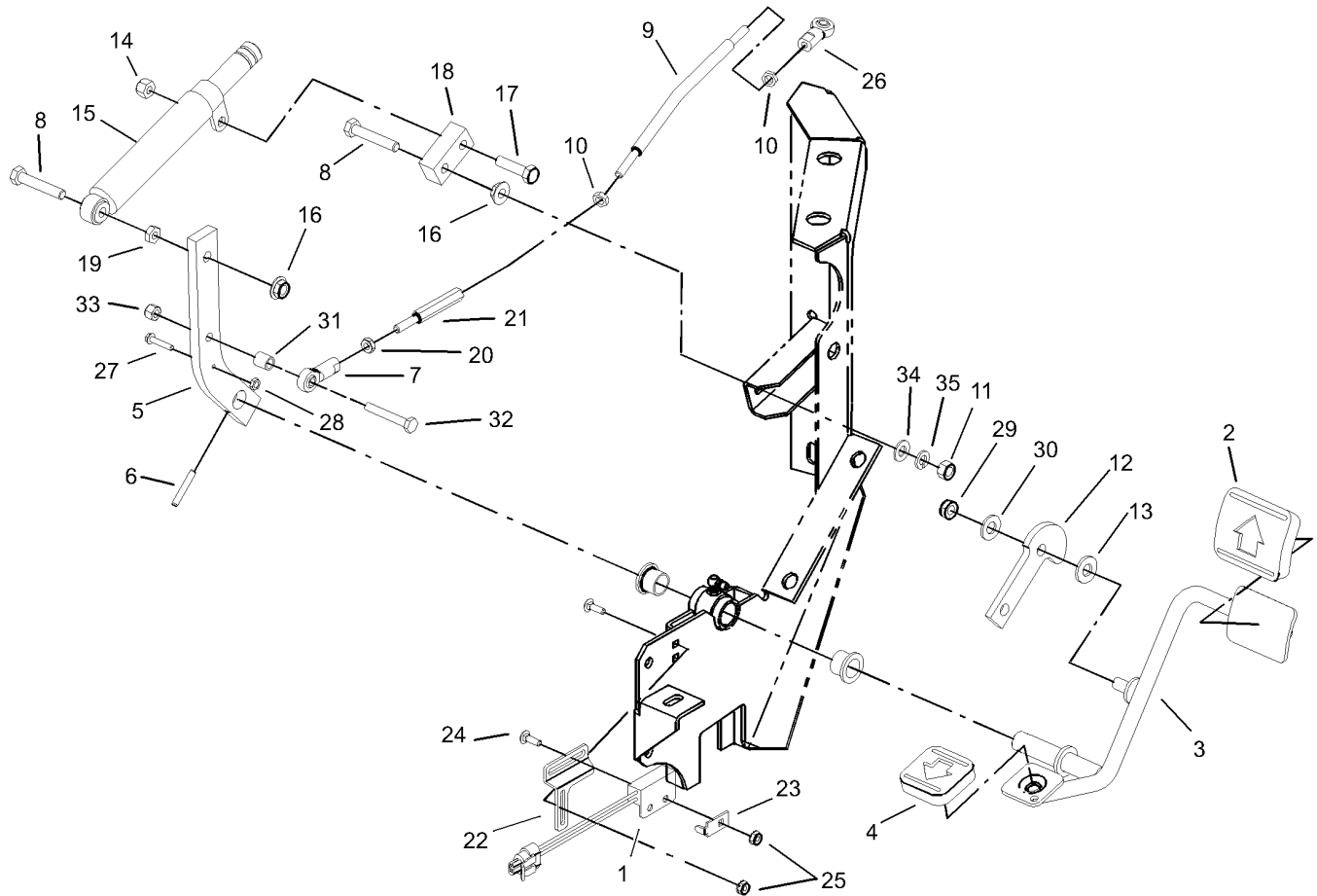
Ref	Part No.	Qty.	Description				
3	93-4268	1	Flange Kit				
2 3:1		1	Ring-Retaining				
2 3:2		1	Seal-Shaft				
2 3:3		1	Flange				
7	94-3625	4	Pin-Dowel				
8	94-3626	1	Cover-End				
9	94-3639	4	Screw-HH				
99	99-6132	1	Seal Kit				
2 99:1		1	Ring-Retaining				
2 99:2		2	Seal-Shaft				
2 99:4		2	Seal-E				
2 99:5		2	Ring-Backup				
2 99:6		2	O-Ring				



Pump Mount Assembly

Ref	Part No.	Qty.	Description
1	94-1369	1	Spring-Extension
2	99-3556	1	Hose
3	104-3918-03	1	Bracket ASM
4	104-3917-03	1	Lever-Pump
5	95-3857	3	Screw-HSBH
6	2844	3	Washer
7	3296-39	3	Nut-Lock, NI
8	63-9750	3	Mount
9	99-3598-03	1	Hub ASM
10	104-0422	1	Neutral Arm ASM
10:2	256-113	2	Bushing-Flange
11	3-6498	1	Washer-Thrust
12	76-8640	1	Stud-Traction
13	302-60	1	Fitting-Grease
14	3210-6	1	Screw-HH
15	3296-47	1	Nut-Lock, NI
16	251-259	1	Bearing-Ball
17	321-6	1	Screw-HH
18	3296-42	1	Nut-Lock, NI
19	3230-22	1	Screw-CARR
20	32128-20	1	Nut-HF
21	88-7200	1	Washer-Flat
22	3296-29	1	Nut-Lock, NI
23	3274-104	1	Screw-HSBH

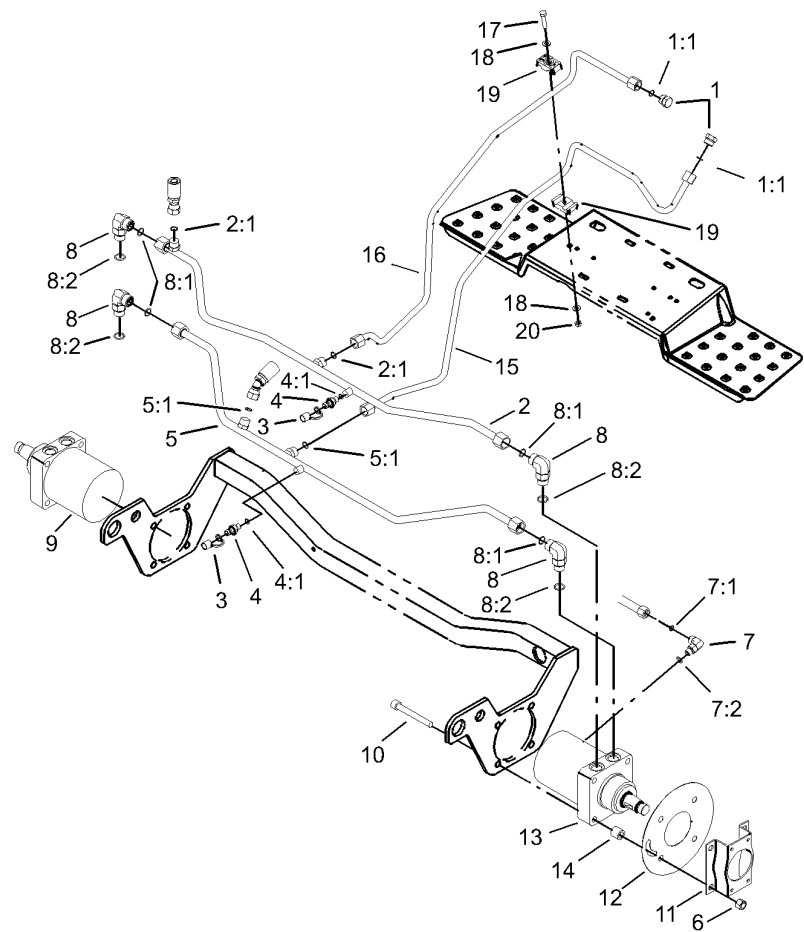
Ref	Part No.	Qty.	Description
24	100-4817	1	Spacer-Bearing



Traction Control Assembly

Ref	Part No.	Qty.	Description
1	105-0023	1	Switch-Proximity
2	74-9100	1	Pad-Pedal, Forward
3	104-3938-03	1	Traction Pedal ASM
4	74-9110	1	Pad-Pedal, Reverse
5	104-3939	1	Arm-Traction
6	32121-6	1	Pin-Roll
7	104-4013	1	Joint-Ball, LH
8	322-9	2	Screw-HH
9	104-3977	1	Rod-Control, Pump
10	3220-1	2	Nut-Jam
11	3217-6	1	Nut-Hex
12	74-6110	1	Stop-Traction
13	66-2920	1	Washer-Friction
14	3296-29	1	Nut-Lock, NI
15	76-8870	1	Lever Damper ASM
16	32128-44	2	Nut
17	322-6	1	Screw-HH
18	76-9760	1	Damper-Pivot
19	3218-2	1	Nut-Jam
20	104-3941	1	Nut-Jam
21	104-3978	1	Nut-Rod
22	104-3979	1	Bracket-Switch
23	100-4872	1	Plate-Switch, Neutral
24	3229-34	3	Bolt-CARR

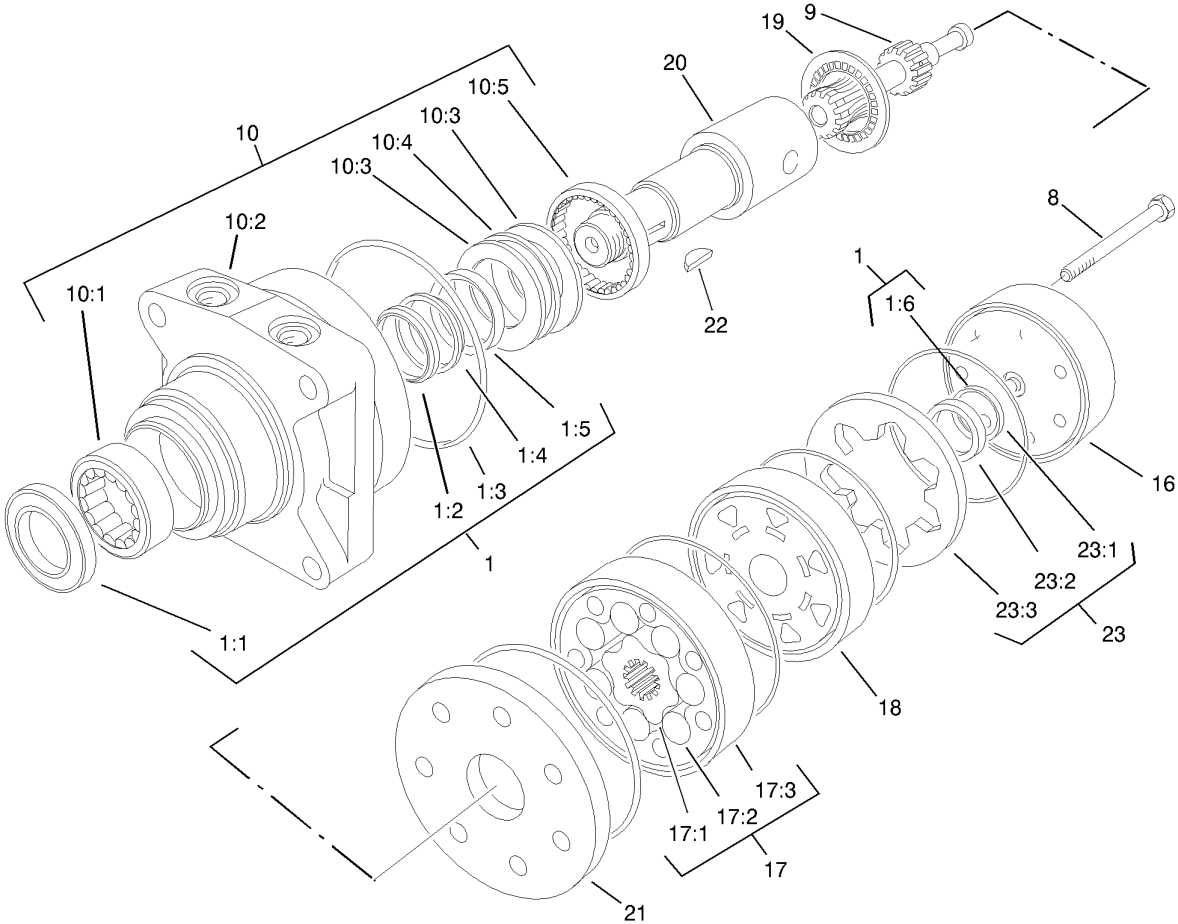
Ref	Part No.	Qty.	Description
25	32149-7	3	Nut-Keps
26	2411-41	1	Joint-Ball
27	32105-29	1	Screw-SHWH
28	32149-9	1	Nut
29	3296-59	1	Nut-Lock, NI
30	3256-24	1	Washer-Flat
31	93-6859	1	Spacer
32	321-10	1	Screw-HH
33	3296-42	1	Nut-Lock, NI
34	3256-23	1	Washer-Flat
35	3253-4	1	Washer-Lock



Hydraulic Motor Installation Assembly

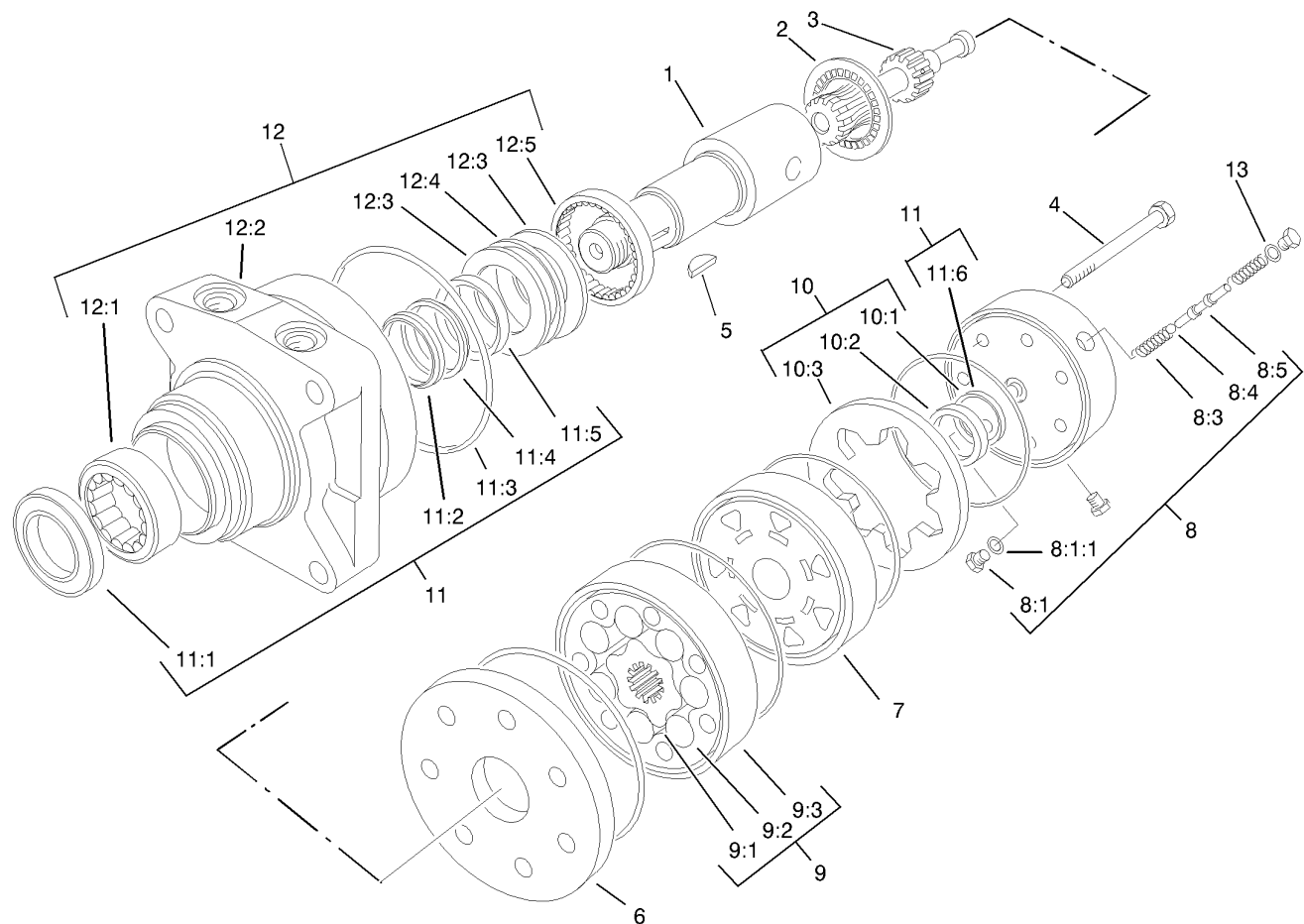
Ref	Part No.	Qty.	Description
1	106-8100	2	Plug-HYD
1:1	237-79	1	O-Ring
2	104-3984	1	Front Tube ASM
2:1	237-30	2	O-Ring
3	354-79	2	Cap-Dust
4	354-77	2	Fitting-Quick
4:1	237-78	1	O-Ring
5	104-3983	1	Rear Tube ASM
5:1	237-30	2	O-Ring
6	3296-23	8	Nut-Lock, NI
7	340-77	1	Fitting-Hyd, 90 DEG
7:1	237-22	1	O-Ring
7:2	237-42	1	O-Ring
8	340-17	4	Fitting-Hyd, 90 DEG
8:1	237-65	1	O-Ring
8:2	237-80	1	O-Ring
9	75-9990	1	HYD Motor ASM
10	3274-99	8	Screw-HSH
11	84-2000-03	2	Bracket-Brake
12	93-6905-03	2	Shield-Wheel
13	93-6888	1	Motor-Wheel
14	94-5135	8	Spacer
15	106-8112	1	Tube-HYD
16	106-8113	1	Tube-HYD

Ref	Part No.	Qty.	Description
17	322-10	1	Screw-HH
18	3256-23	2	Washer-Flat
19	56-7976	2	Clamp-Tube
20	3296-29	1	Nut-Lock, NI



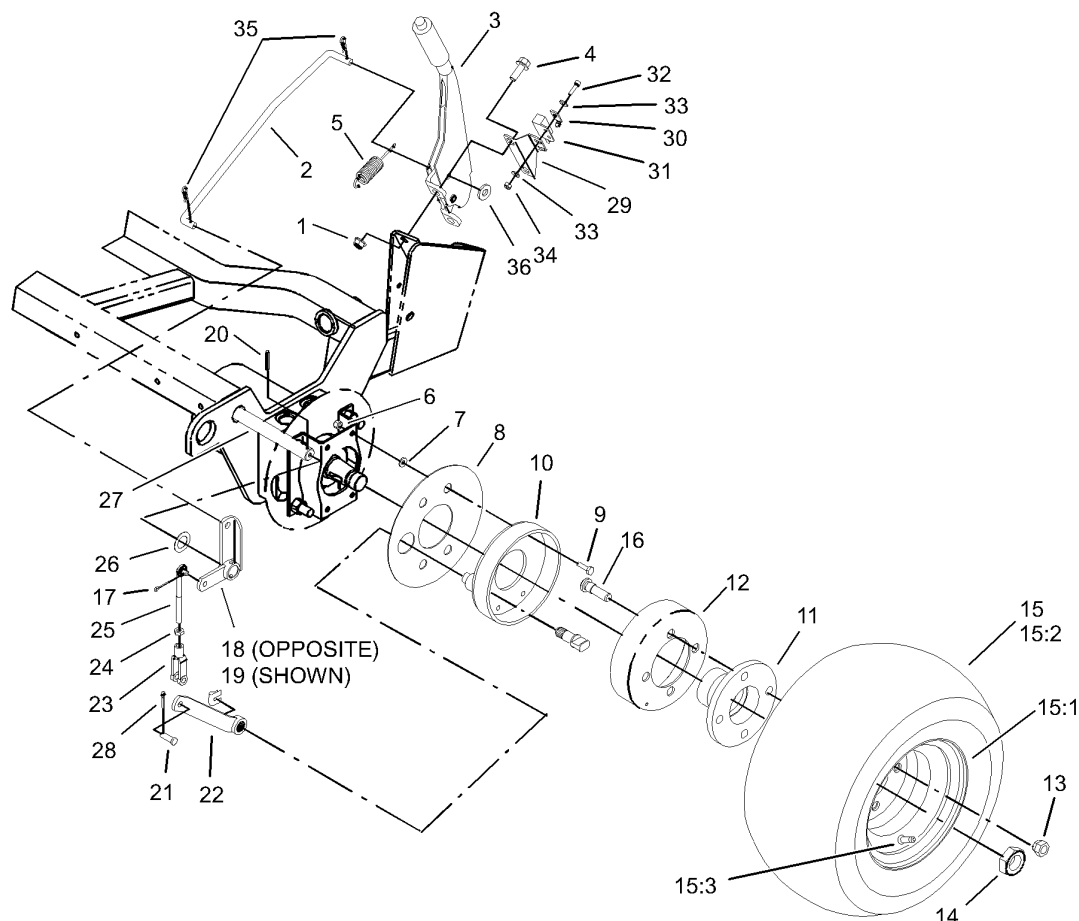
Hydraulic Motor Assembly No. 75-9990

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	76-0800	1	Seal Kit	22	3257-42	1	Key-Woodruff
1:1		1	Seal-Dirt & Water	23	76-0880	1	Commutator ASM
1:2		1	Washer-Back-Up	23:1		1	Seal-Commutator
1:3		5	Ring-Seal	23:2		1	Commutator
1:4		1	Washer-Back-Up	23:3		1	Ring-Commutator
1:5		1	Seal-Inner				
1:6		1	Seal-Commutator				
8	76-1010	7	Screw				
9	76-0960	1	Link-Drive				
10	76-0810	1	Housing ASM				
10:1		1	Bearing				
10:2		1	Housing				
10:3		2	Washer-Thrust				
10:4		1	Bearing-Thrust				
10:5		1	Bearing				
16	76-0940	1	End Cover ASM				
17	76-0970	1	Set-Rotor				
17:1		1	Rotor				
17:2		7	Vane				
17:3		1	Stator				
18	76-0840	1	Manifold				
19	76-0850	1	Bearing-Thrust				
20	76-0860	1	Shaft-Coupling				
21	76-0870	1	Plate-Wear				



Wheel Motor Assembly No. 93-6888

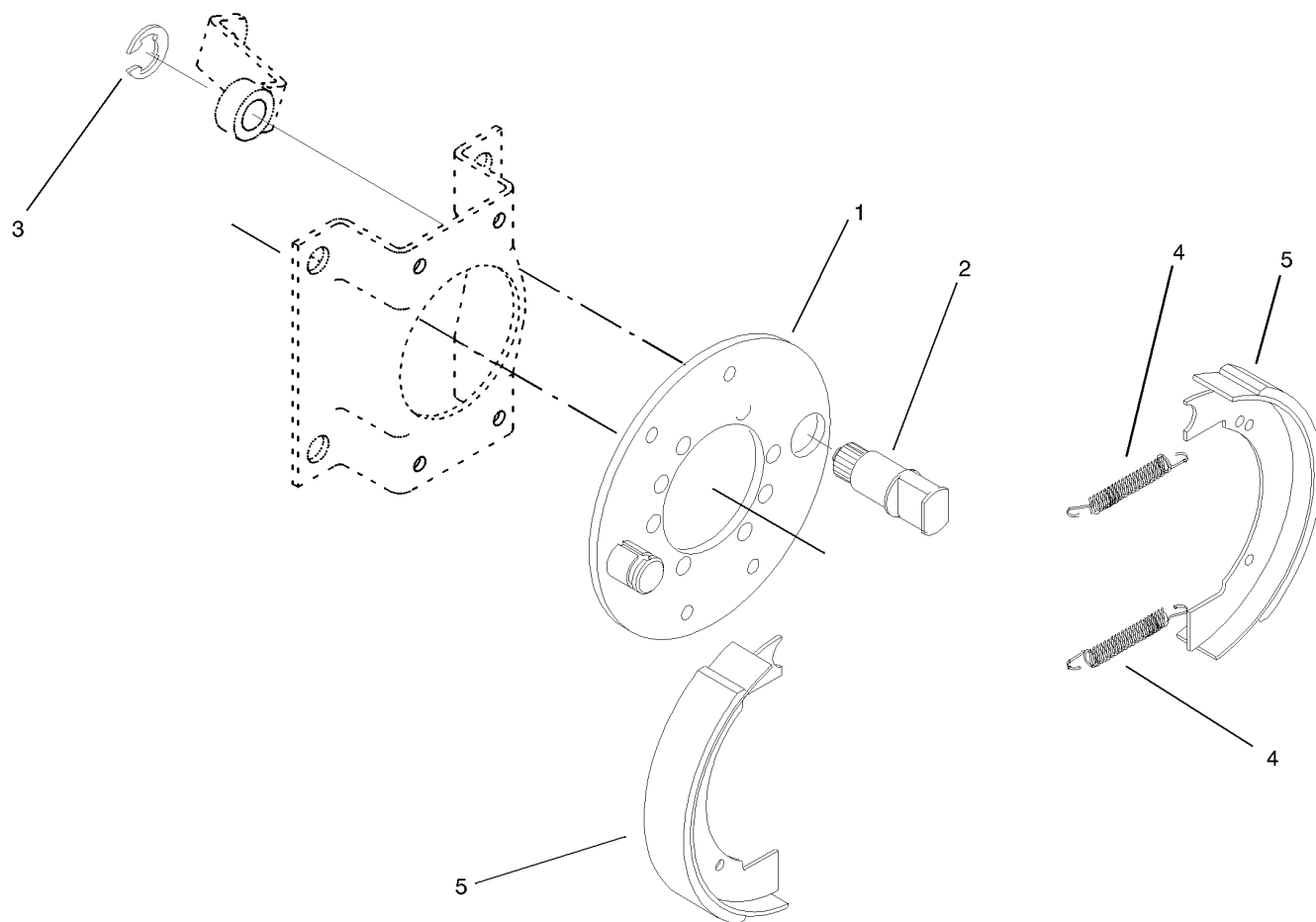
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	76-0860	1	Shaft-Coupling	11:3		5	Ring-Seal
2	76-0850	1	Bearing-Thrust	11:4		1	Washer-Back-Up
3	76-0960	1	Link-Drive	11:5		1	Seal-Inner
4	94-3662	7	Screw-Cap, HH	11:6		1	Seal-Commutator
5	3257-42	1	Key-Woodruff	12	76-0810	1	Housing ASM
6	76-0870	2	Plate-Wear	12:1		1	Bearing
7	76-0840	1	Manifold	12:2		1	Housing
8	76-0890	1	End Cover ASM	12:3		2	Washer-Thrust
8:1	353-990	2	Plug	12:4		1	Bearing-Thrust
8:1:1	237-78	1	O-Ring	12:5		1	Bearing
8:3		2	Spring	13	237-78	2	O-Ring
8:4		1	Ball				
8:5		1	Valve-Shuttle				
9	76-0970	1	Set-Rotor				
9:1		1	Rotor				
9:2		7	Vane				
9:3		1	Stator				
10	76-0880	1	Commutator ASM				
10:1		1	Seal-Commutator				
10:2		1	Commutator				
10:3		1	Ring-Commutator				
11	76-0800	1	Seal Kit				
11:1		1	Seal-Dirt & Water				
11:2		1	Washer-Back-Up				



Front Wheel and Brake Assembly

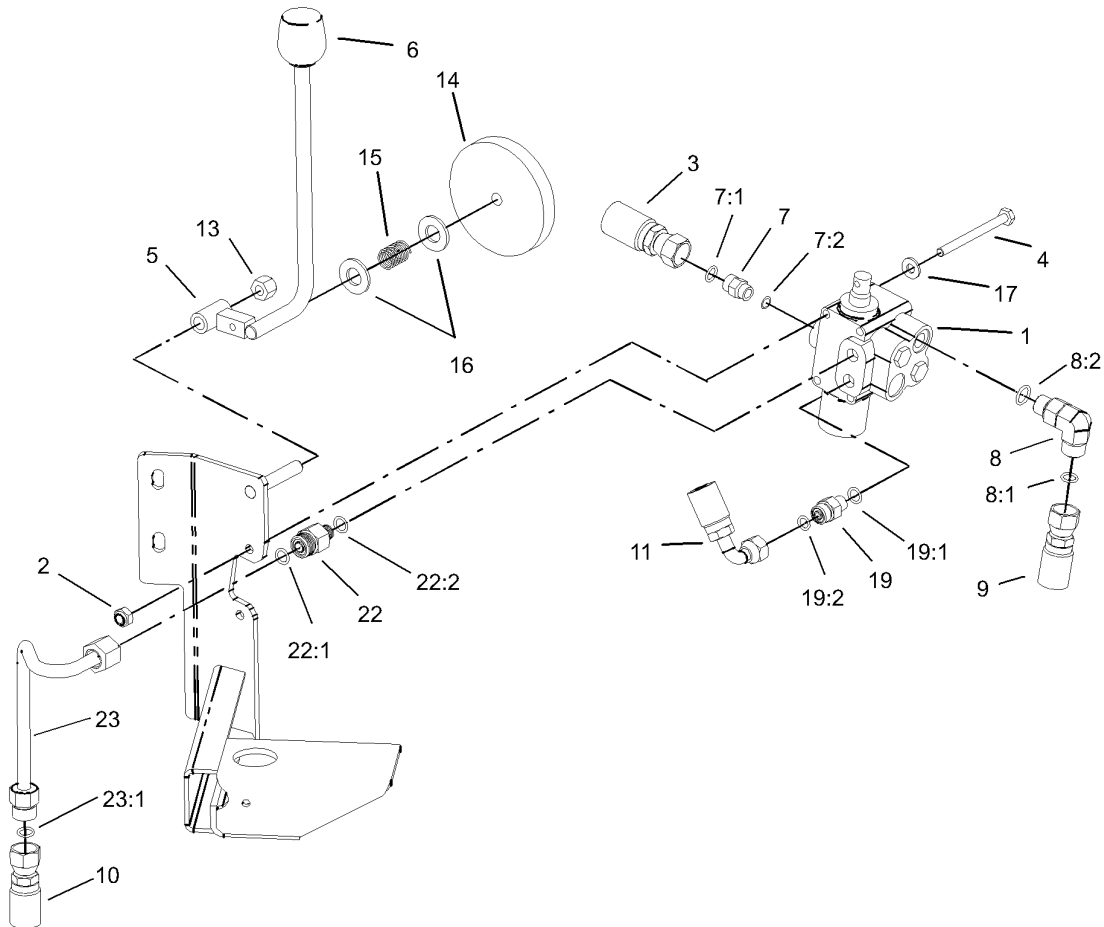
Ref	Part No.	Qty.	Description
1	3290-357	2	Nut-HHF
2	104-3907	1	Rod-Brake
3	104-3903	1	Lever-Brake, Parking
4	3234-11	2	Screw-HHF
5	104-4010	1	Spring-Extension
6	3296-42	8	Nut-Lock, NI
7	3256-16	8	Washer-Flat
8	83-9340	2	Shield-Brake, Grass
9	321-5	8	Screw-HH
10	104-7705	2	Brake ASM
11	93-6838-03	2	Hub-Wheel
12	10-6850	2	Drum-Brake
13	242-50	8	Nut-Lug
14	26-3790	2	Nut-Lock
15		2	Front Tire/wheel ASM
15:1	93-6881	1	Rim ASM
15:2	99-4506	1	Tire-Mate, Turf
15:3	232-27	1	Stem-Valve
16	85-6540	8	Stud-Drive
17	3272-6	2	Pin-Cotter
18	83-9310	1	RH Brake Lever ASM
19	104-3928	1	LH Brake Lever ASM
20	32121-6	2	Pin-Roll
21	283-1	2	Pin-Clevis

Ref	Part No.	Qty.	Description
22	93-6850	2	Lever-Brake
23	282-2	2	Yoke
24	3220-2	2	Nut
25	84-1990	2	Rod-Adjusting
26	3-6498	2	Washer-Thrust
27	83-9330	1	Shaft-Brake
28	3272-10	2	Pin-Cotter
29	104-4052-03	1	Bracket-Switch, Brake
30	100-4872	1	Plate-Switch, Neutral
31	100-1270	1	Switch-Proximity
32	3274-14	1	Screw-HSH
33	3256-14	2	Washer-Flat
34	3296-2	1	Nut-Lock
35	3290-307	2	Pin-Hair
36	3256-24	3	Washer-Flat



Brake Assembly No. 104-7705

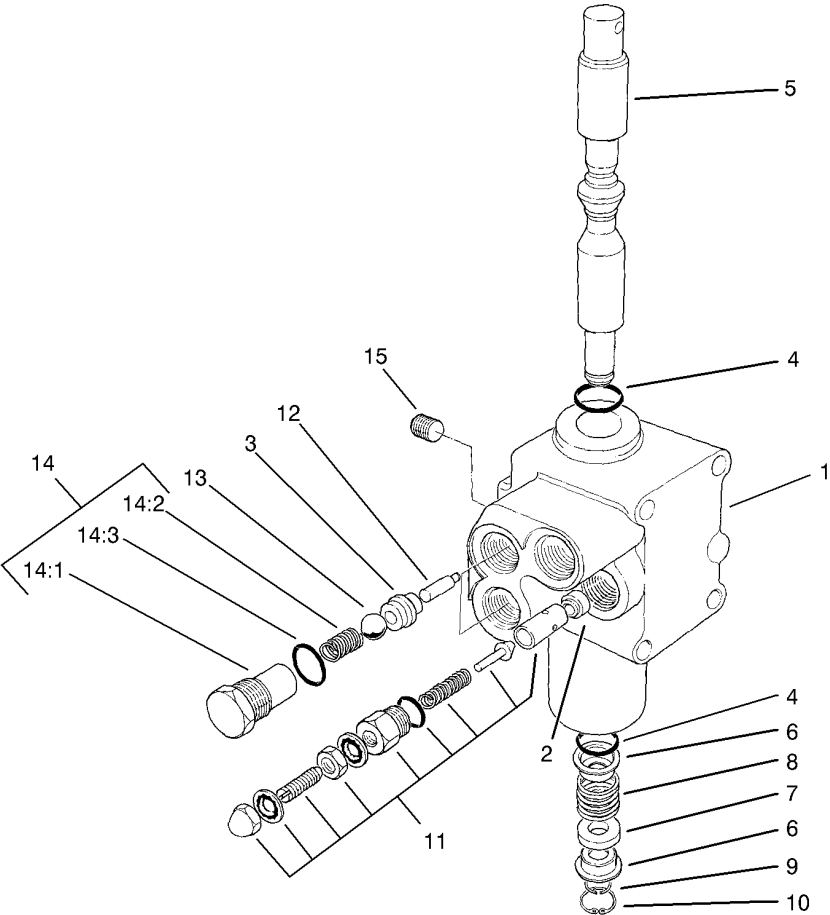
Ref	Part No.	Qty.	Description
1	70-9870	1	Plate-Backing
2	104-7707	1	Shaft-Cam, Brake
3	104-7706	1	E Ring-Bowed
4	70-9880	2	Spring-Return
5	70-9840	2	Shoe-Brake



Hydraulic Valve Installation Assembly

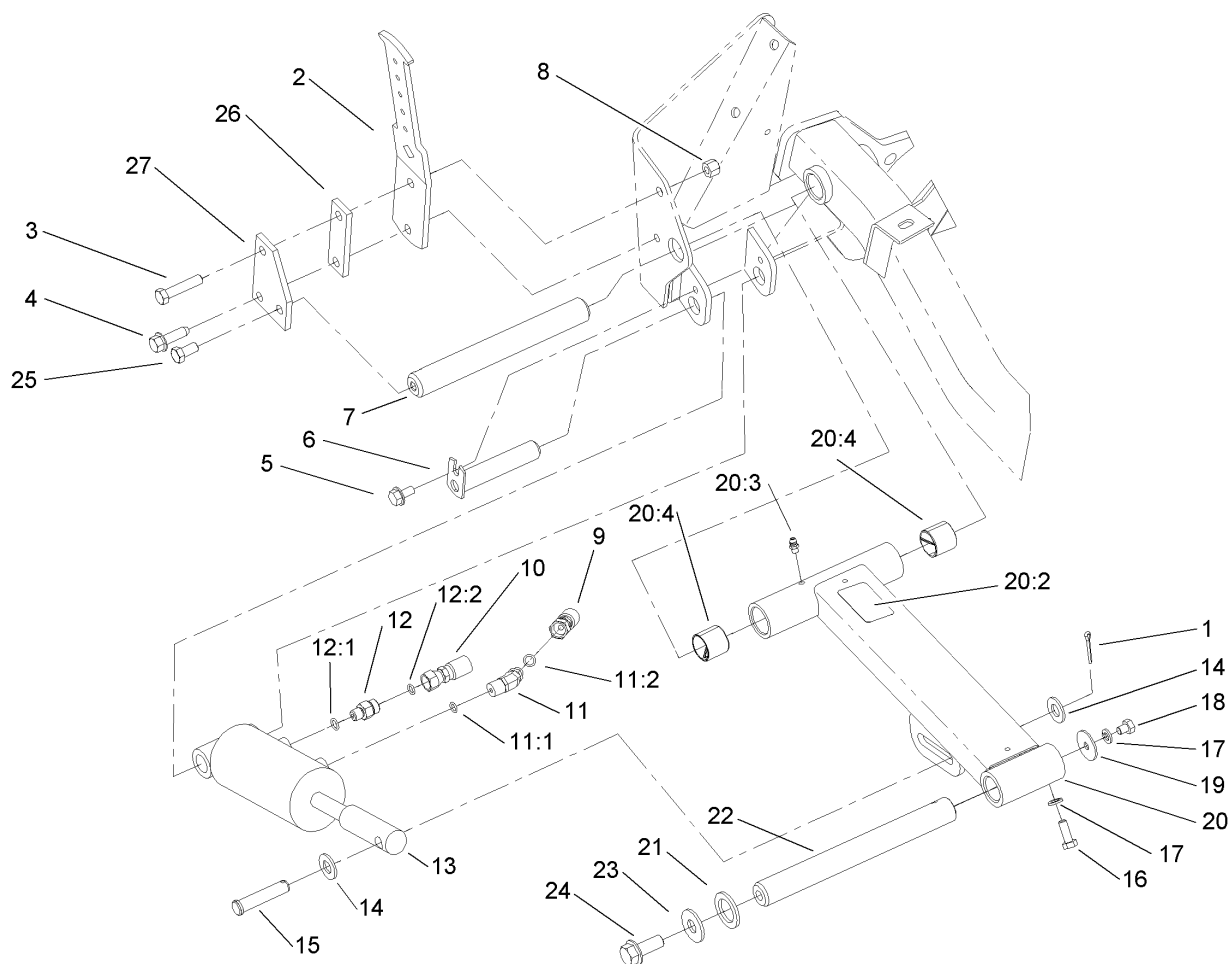
Ref	Part No.	Qty.	Description
1	104-4092	1	Valve-Lift
2	3296-16	2	Nut-Lock, NI
3	104-5163	1	Hose ASM
4	321-23	2	Screw-HH
5	85-5160-03	1	Lever-Valve
6	233-37	1	Knob
7	340-2	1	Fitting-Hyd, Straight
7:1	237-22	1	O-Ring
7:2	237-42	1	O-Ring
8	340-77	1	Fitting-Hyd, 90 DEG
8:1	237-22	1	O-Ring
8:2	237-42	1	O-Ring
9	104-5162	1	Hose ASM
10	104-4001	1	Hose ASM
11	104-4083	1	Hose ASM
13	3296-39	1	Nut-Lock, NI
14	94-5119	1	Sponge
15	65-9940	1	Spring
16	3256-26	2	Washer-Flat
17	3256-22	2	Washer-Flat
19	340-92	1	Fitting-Hyd, Straight
19:1	237-78	1	O-Ring
19:2	237-21	1	O-Ring
22	340-88	1	Adapter

Ref	Part No.	Qty.	Description
22:1	237-22	1	O-Ring
22:2	237-78	1	O-Ring
23	104-4085	1	HYD Tube ASM
23:1	237-22	1	O-Ring



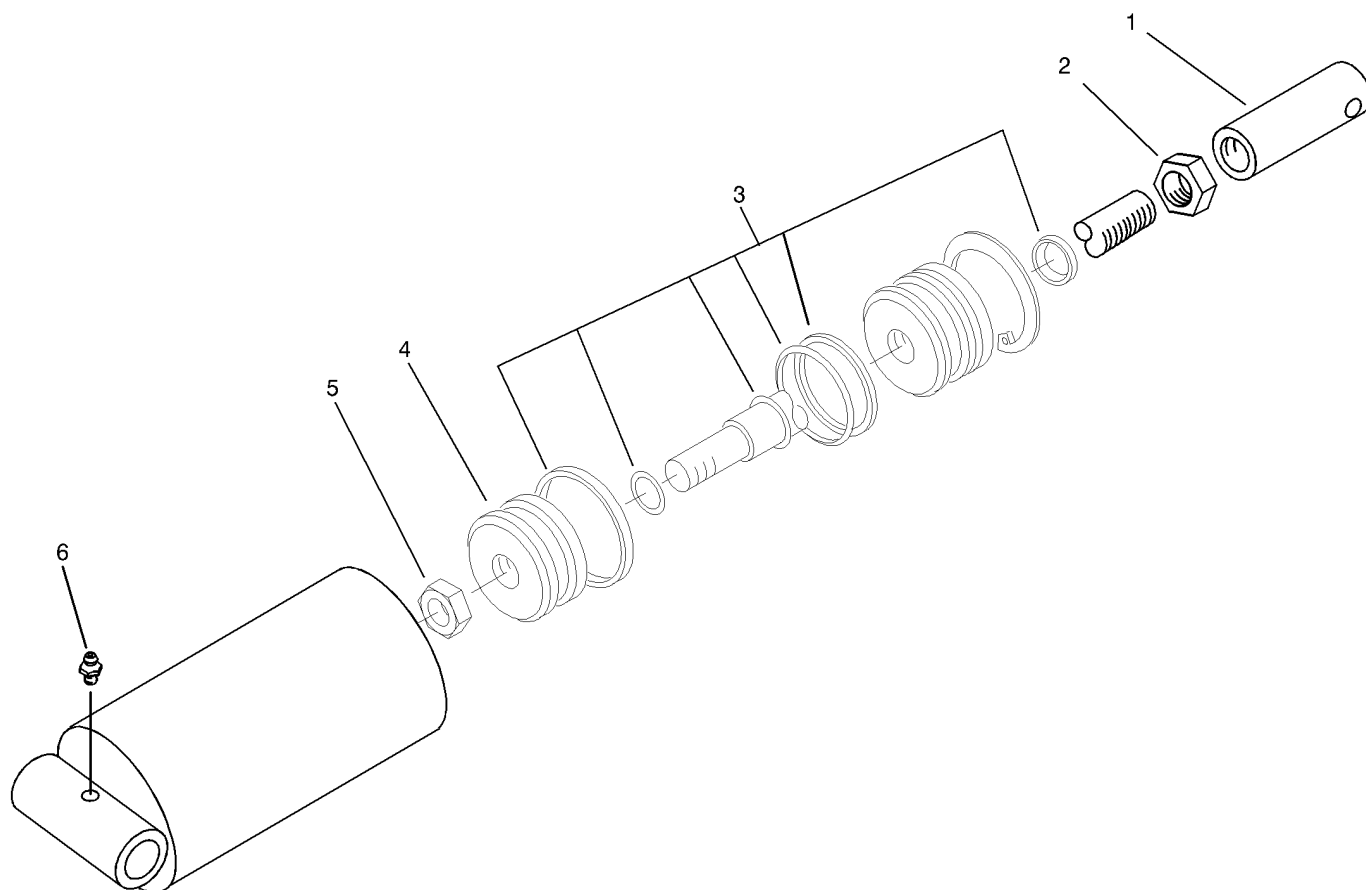
Hydraulic Control Valve No. 104-4092

Ref	Part No.	Qty.	Description				
1		1	Body				
2	55-3640	1	Seat-Relief				
3	22-8370	2	Seat-Valve				
4	22-8500	2	O-Ring				
5	22-8420	1	Spool				
6	22-8380	2	Retainer				
7	23-3030	1	Spacer				
8	22-8410	1	Spring				
9	22-8480	1	Ring-Snap				
10	22-8490	1	Ring-Snap				
11	22-8440	1	Valve-Relief				
12	22-8360	2	Pin				
13	22-8350	2	Ball				
14	105-7827	2	Plug ASM				
14:1	22-8330	1	Plug				
14:2	22-8340	1	Spring				
14:3	237-42	1	O-Ring				
15	55-3650	1	Plug				



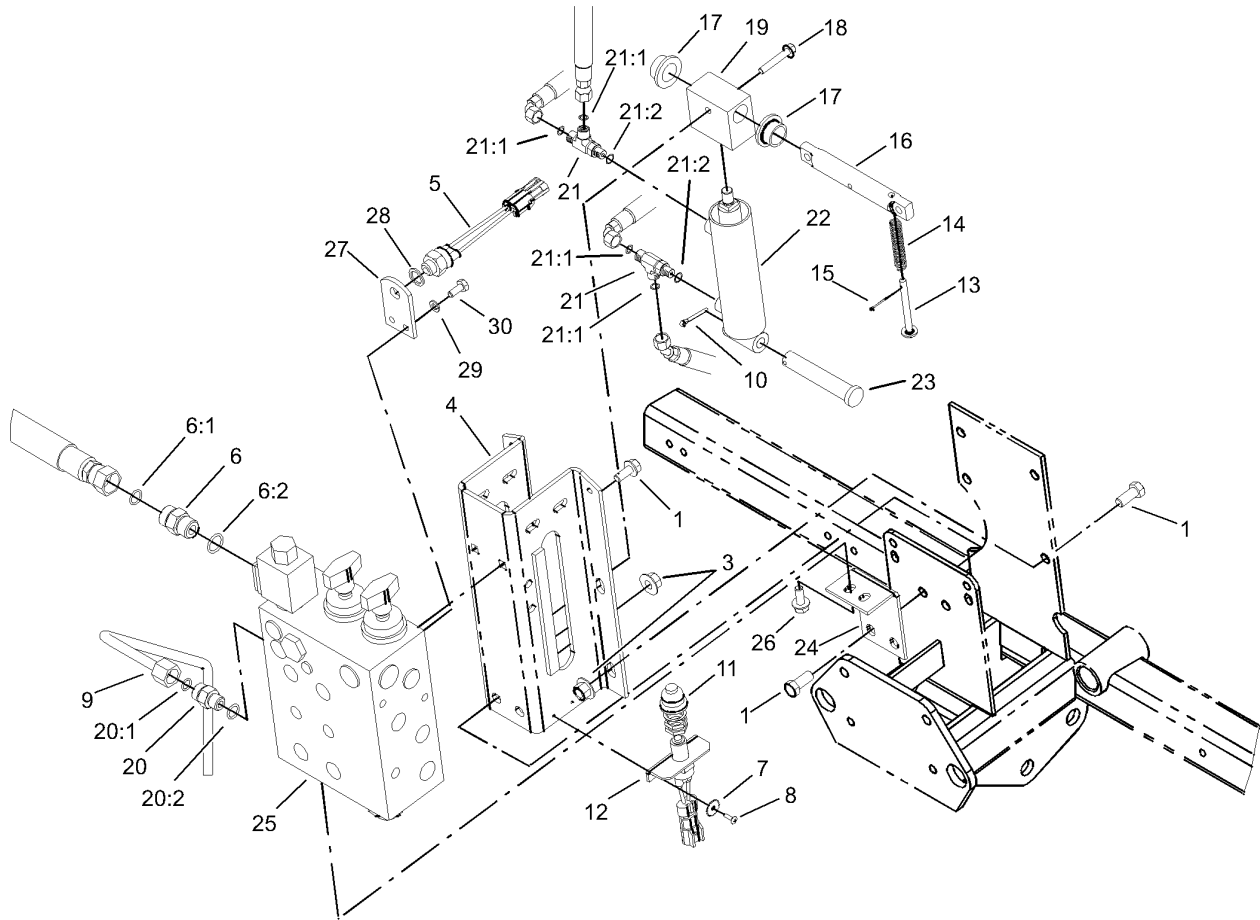
Rear Lift Arm Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	3272-11	1	Pin-Cotter	20:2	93-6696	1	Decal-Warning
2	92-1818-01	1	Arm-Spring, Tension	20:3	302-5	1	Fitting-Grease
3	323-9	1	Screw-HH	20:4	3-0348	2	Bushing
4	32144-109	1	Screw	21	256-115	1	Washer-Thrust
5	32144-14	1	Screw-HWH	22	99-2338	1	Shaft-Pivot
6	93-6893	1	Pin-Pivot, Ram	23	3256-6	1	Washer-Flat
7	92-1812	1	Shaft-Pivot, Lift	24	3234-32	1	Screw-HHF
8	3296-39	1	Nut-Lock, NI	25	323-4	1	Screw-HH
9	104-4002	1	Hose ASM	26	98-3445	1	Spacer
10	94-5008	1	Hose ASM	27	98-3446	1	Plate-Reinforcement
11	340-103	1	Fitting-Hyd, 45 DEG				
11:1	237-78	1	O-Ring				
11:2	237-21	1	O-Ring				
12	340-92	1	Fitting-Hyd, Straight				
12:1	237-78	1	O-Ring				
12:2	237-21	1	O-Ring				
13	93-6869	1	HYD Cylinder ASM				
14	3256-26	2	Washer-Flat				
15	93-6926	1	Pin-Clevis				
16	322-4	1	Screw-HH				
17	3253-4	2	Washer-Lock				
18	322-26	1	Screw-HH				
19	3256-57	1	Washer-Flat				
20	94-3635	1	Center Lift Arm ASM				



Hydraulic Cylinder Assembly No. 93-6869

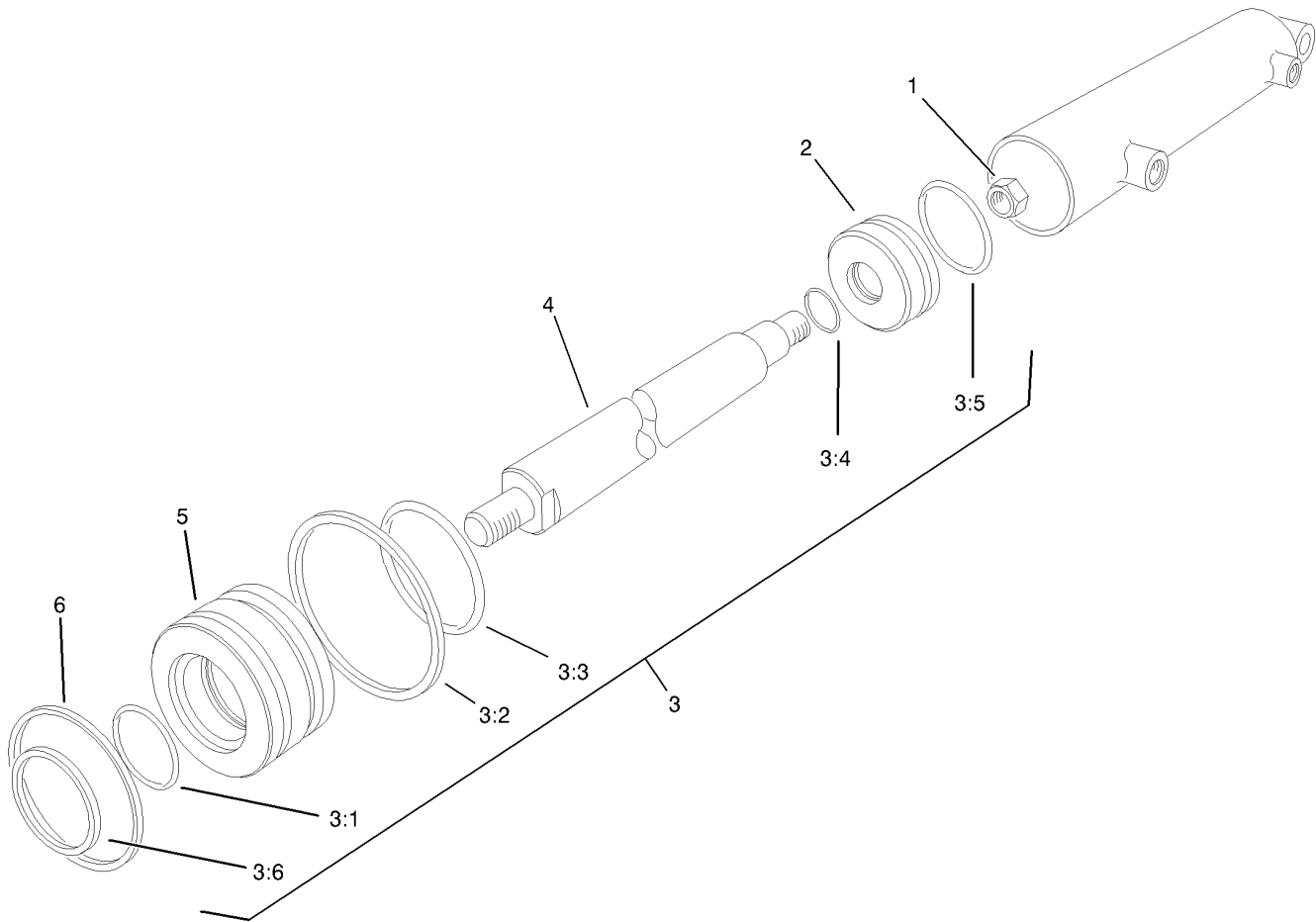
Ref	Part No.	Qty.	Description
1	94-3617	1	Clevis-Cylinder
2	32152-10	1	Locknut
3	94-3619	1	Seal Kit
24		1	Piston
25		1	Nut-Lock
6	302-58	1	Fitting-Grease



Front Lift Cylinder Assembly

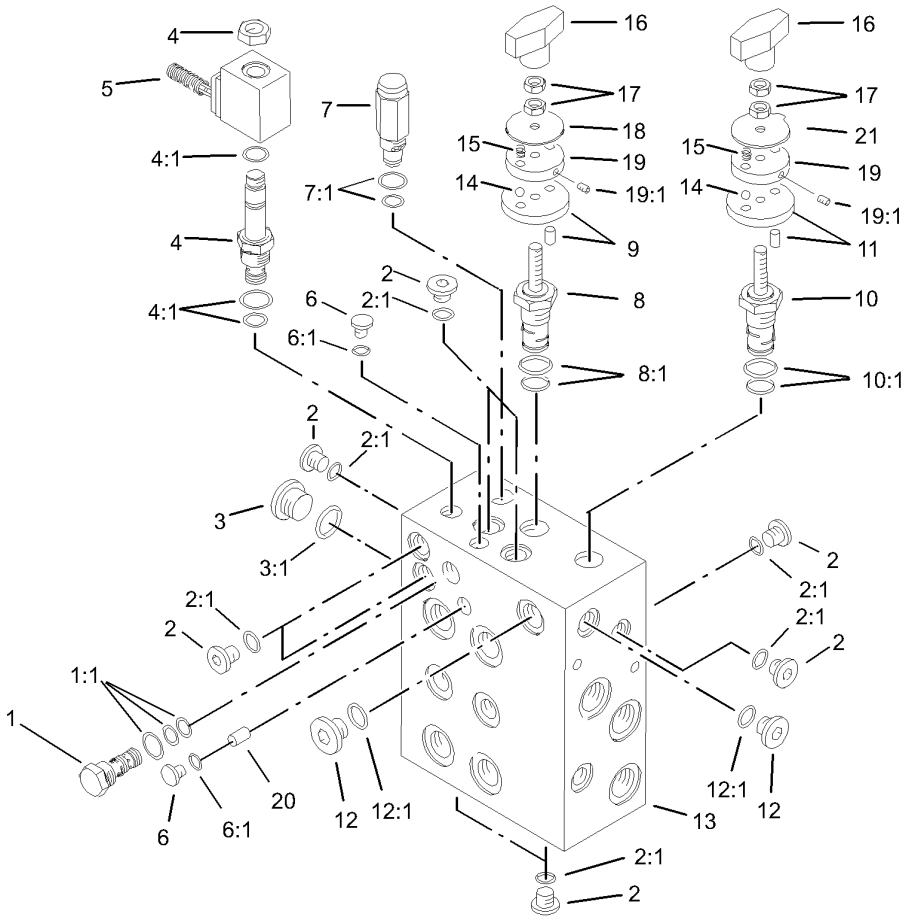
Ref	Part No.	Qty.	Description
1	3234-25	6	Bolt-HF
3	32128-43	6	Nut-Flange
4	104-3946-03	1	Cylinder Support ASM
5	72-4320	1	Switch-Ball, N.o.
6	340-4	1	Fitting-Hyd, Sraight
6:1	237-30	1	O-Ring
6:2	237-79	1	O-Ring
7	3254-9	2	Washer-Lock/int
8	32144-18	2	Screw-HH
9	104-4050	1	HYD Tube ASM
10	3272-11	1	Pin-Cotter
11	94-3429	1	Switch-Ball
12	94-3424	1	Bracket-Mount, Switch
13	94-5010	1	Pin-Actuator, Switch
14	94-5011	1	Spring-Compression
15	3272-4	1	Pin-Cotter
16	72-4190	1	Pin-Guide, Cylinder
17	84-8440	2	Bushing
18	321-43	1	Capscrew
19	61-2450	1	Hub-Lift
20	340-2	1	Fitting-Hyd, Straight
20:1	237-22	1	O-Ring
20:2	237-42	1	O-Ring
21	340-86	2	Fitting-Hyd, Tee

Ref	Part No.	Qty.	Description
21:1	237-22	2	O-Ring
21:2	237-42	1	O-Ring
22	94-5031	1	Cylinder-Lift, HYD
23	283-78	1	Pin-Clevis
24	93-6733-03	1	Bracket-Mount, Valve
25	104-3995	1	Manifold Block ASM
26	3234-5	3	Screw
27	98-8199	1	Bracket-Switch
28	3256-76	1	Washer-Flat
29	3253-3	2	Washer-Lock
30	329-3	2	Screw-HH



Hydraulic Lift Cylinder Assembly No. 94-5031

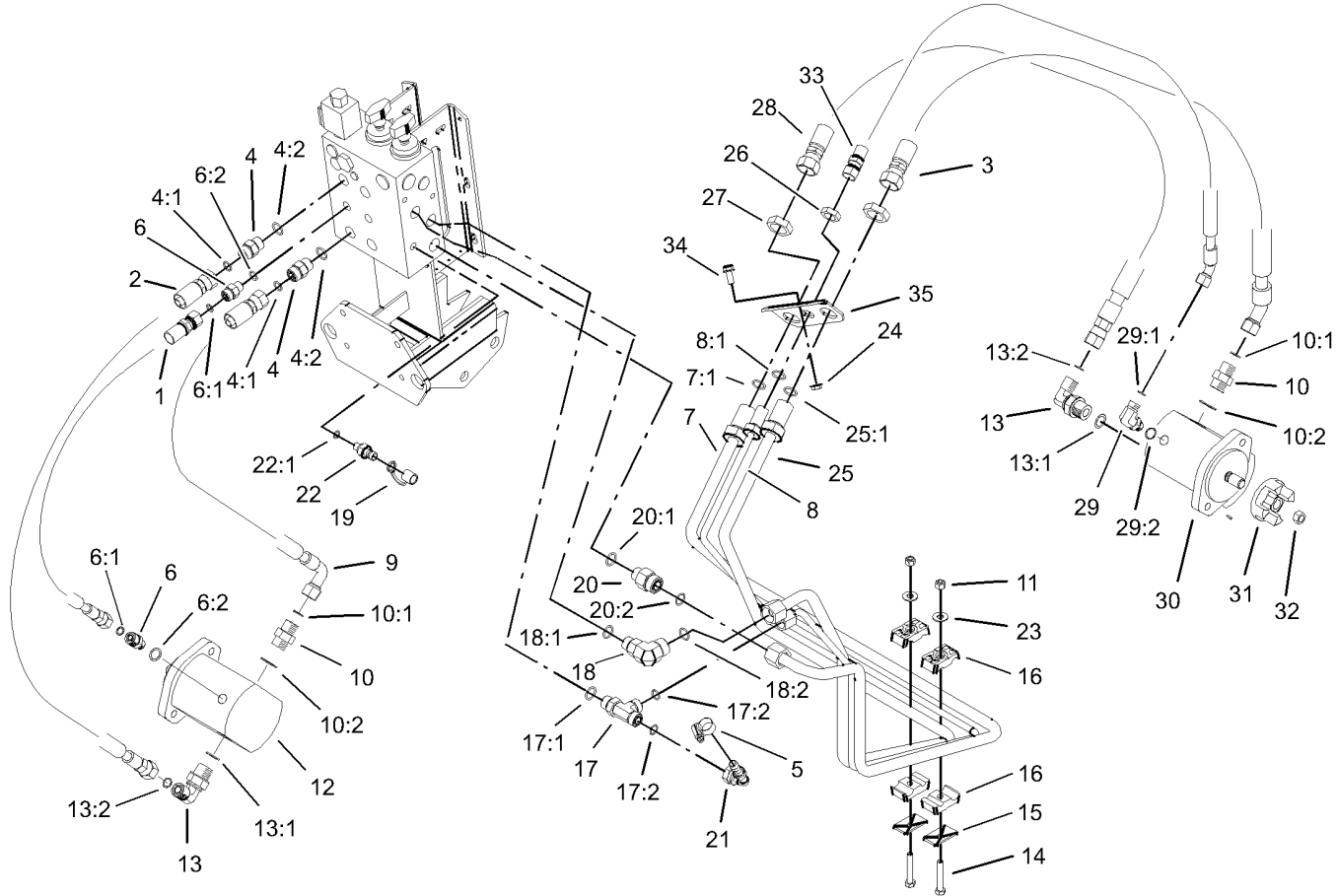
Ref	Part No.	Qty.	Description				
1	94-3614	1	Nut-Lock				
2		1	Piston				
3		1	Seal Kit				
3:1		1	O-Ring				
3:2		1	Washer-Backup				
3:3		1	O-Ring				
3:4		1	O-Ring				
3:5	94-3612	1	Uniring				
3:6		1	Seal-Dust				
4		1	Shaft				
5		1	Head				
6		1	Ring-Retaining				



Manifold Block Assembly No. 104-3995

Ref	Part No.	Qty.	Description
1	95-5634	1	Cartridge-Logic, Spool
1:1	95-5641	1	Seal Kit
2	353-990	8	Plug
2:1	237-78	1	O-Ring
3	353-988	1	Plug-Hex, Hollow
3:1	237-79	1	O-Ring
4	93-7494	1	Cartridge
4:1	75-2080	1	Seal Kit
5	83-2010	1	Coil-Valve
6	353-991	2	Plug-Hex, Hollow
6:1	237-156	1	O-Ring
7	94-3655	1	Valve-Relief
7:1	75-2080	1	Seal Kit
8	94-3659	1	Control-Flow, Rotary
8:1	75-2080	1	Seal Kit
9	94-5025	1	Plate-Locating
10	94-3657	1	Spool ASM
10:1	94-3661	1	4-Way Seal Kit
11	94-5021	1	Plate-Locating
12	353-989	3	Plug-Hex, Hollow
12:1	237-42	1	O-Ring
13		1	Body-Manifold
14	255-13	4	Ball-Steel, Stainless
15	94-5027	4	Spring

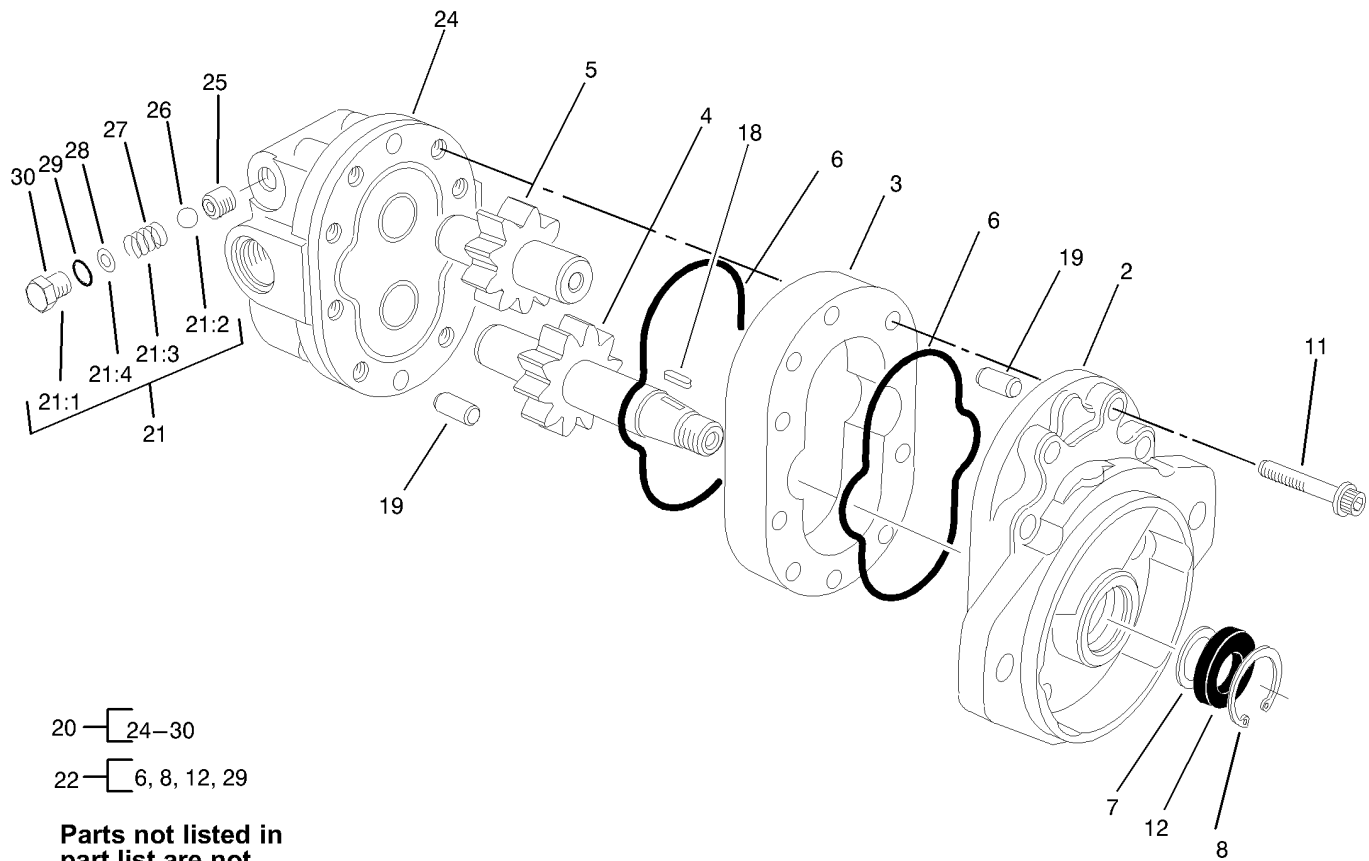
Ref	Part No.	Qty.	Description
16	94-5020	2	Knob ASM
17	3218-1	4	Nut-Jam
18	94-5026	1	Plate-Indicator
19	94-5023	2	Plate-Detent
19:1	3245-36	1	Screw-HSH
20	75-2070	1	Plug-Orifice
21	99-3543	1	Plate-Indicator



Reel Motor Assembly

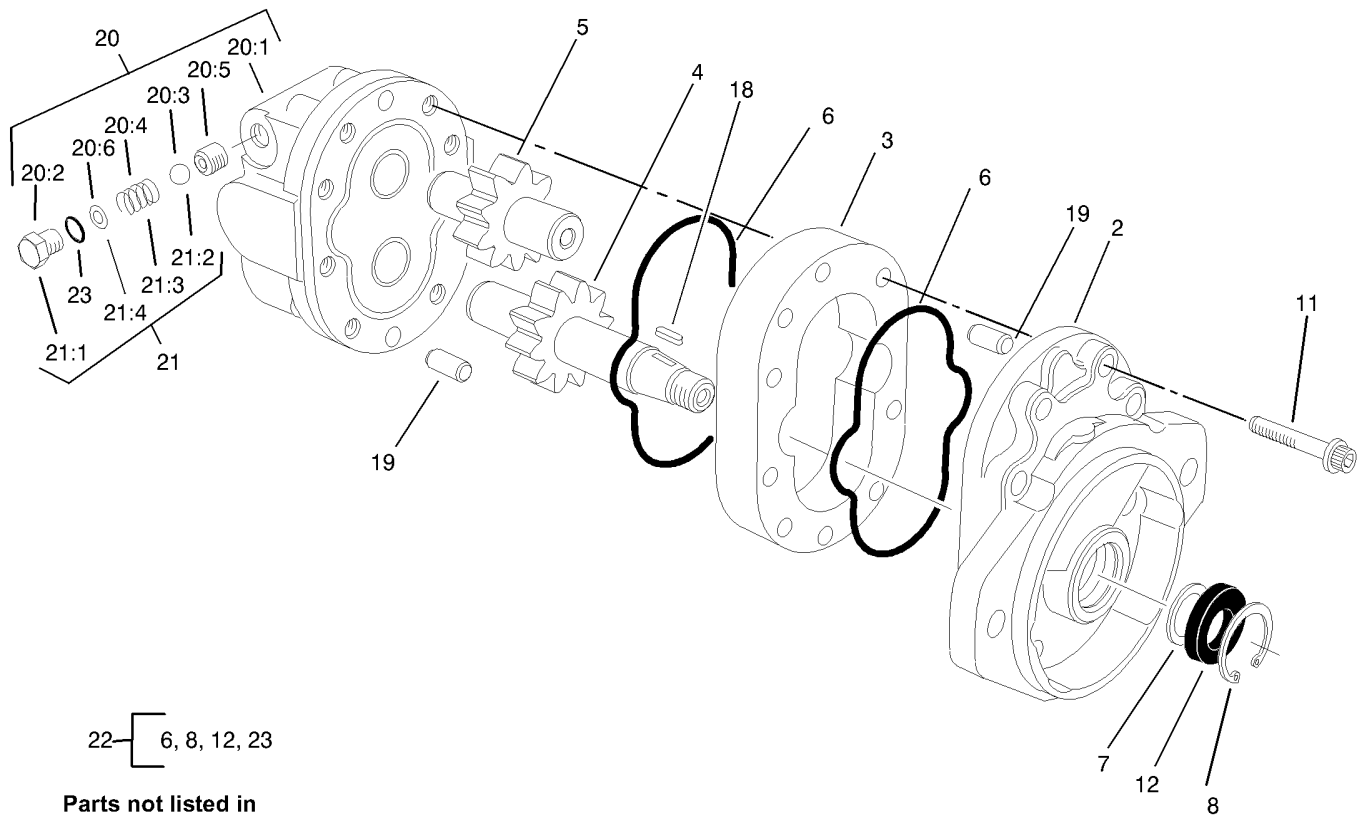
Ref	Part No.	Qty.	Description
1	94-5986	2	Hose ASM
2	94-5987	2	Hose ASM
3	94-5129	1	Hose ASM
4	340-4	4	Fitting-Hyd, Sraight
4:1	237-30	1	O-Ring
4:2	237-79	1	O-Ring
5	2412-36	1	Clamp-Hose
6	340-2	4	Fitting-Hyd, Straight
6:1	237-22	1	O-Ring
6:2	237-42	1	O-Ring
7	104-3950	1	Tube ASM
7:1	237-65	1	O-Ring
8	104-3951	1	Tube ASM
8:1	237-30	1	O-Ring
9	94-5985	2	Hose ASM
10	340-6	3	Fitting-Hyd, Straight
10:1	237-30	1	O-Ring
10:2	237-80	1	O-Ring
11	3296-29	2	Nut-Lock, NI
12	93-6972	2	Motor-Gear
13	340-105	3	Fitting-Hyd, 90 DEG
13:1	237-80	1	O-Ring
13:2	237-30	1	O-Ring
14	322-10	2	Screw-HH

Ref	Part No.	Qty.	Description
15	69-9760	2	Coverplate
16	56-7970	4	Clamp-Tube
17	340-109	1	Fitting-Hyd, Tee
17:1	237-79	1	O-Ring
17:2	237-30	2	O-Ring
18	340-153	1	Fitting-HYD
18:1	237-79	1	O-Ring
18:2	237-151	1	O-Ring
19	354-79	1	Cap-Dust
20	340-155	1	Fitting-Hyd, Straight
20:1	237-79	1	O-Ring
20:2	237-151	1	O-Ring
21	93-6803	1	Fitting-90 DEG
22	354-77	1	Fitting-Quick
22:1	237-78	1	O-Ring
23	3256-3	2	Washer-Flat
24	32128-44	2	Nut
25	104-3949	1	Tube ASM
25:1	237-65	1	O-Ring
26	340-70	1	Nut-Lock
27	340-74	2	Locknut-Bulkhead
28	93-6790	1	Hose-HYD
29	340-77	1	Fitting-Hyd, 90 DEG
29:1	237-22	1	O-Ring



Gear Motor Assembly No. 93-6972

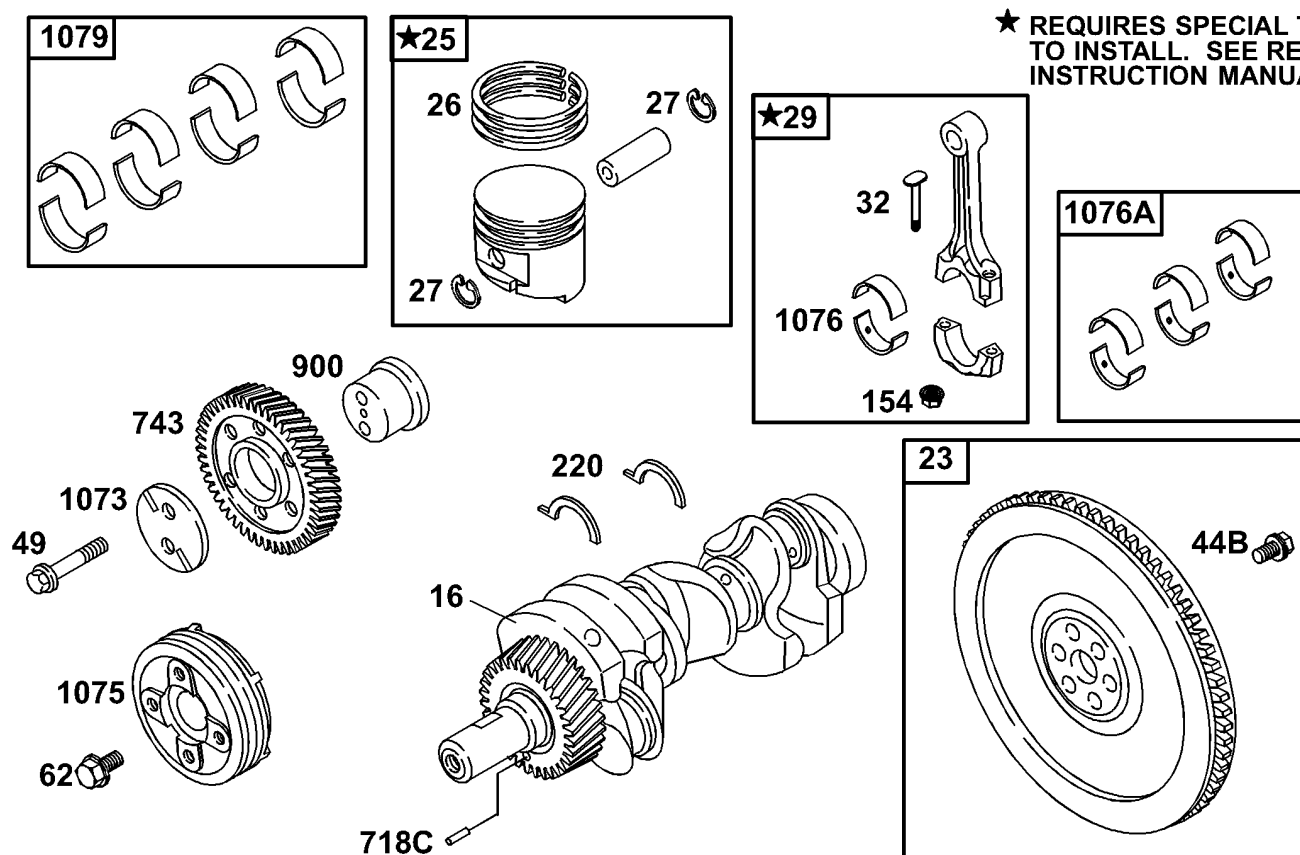
Ref	Part No.	Qty.	Description				
2	66-5730	1	Front Plate ASM				
3	94-3603	1	Motor Body ASM				
4	94-3602	1	Drive Gear ASM				
5	94-3601	1	Idler Gear ASM				
6	59-8420	2	Ring				
7	60-5890	1	Washer				
8	59-8320	1	Ring-Retaining				
11	94-3600	8	Capscrew				
12	66-5710	1	Seal-Shaft				
18	94-3606	1	Key				
19	42-2010	2	Pin-Dowel				
20	94-3604	1	Backplate ASM				
21	92-9260	1	Relief Valve Kit				
21:1		2	Plug				
21:2		2	Ball				
21:3		2	Spring				
21:4		2	Shim				
22	93-1413	1	Seal Kit				



Parts not listed in
partlist are not
serviced separately.

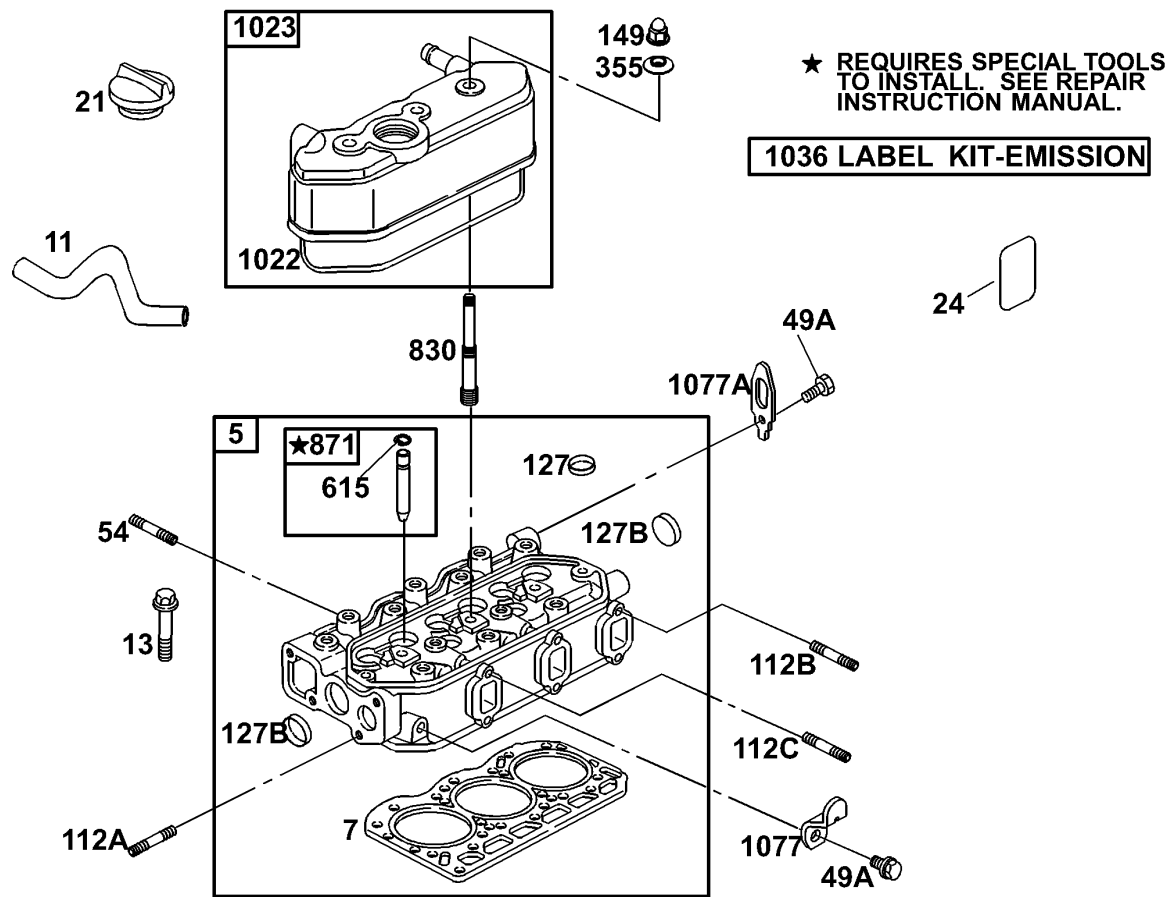
Gear Motor Assembly No. 93-6975

Ref	Part No.	Qty.	Description				
2	66-5730	1	Front Plate ASM				
3	94-3603	1	Motor Body ASM				
4	94-3602	1	Drive Gear ASM				
5	94-3601	1	Idler Gear ASM				
6	59-8420	2	Ring				
7	60-5890	1	Washer				
8	59-8320	1	Ring-Retaining				
11	94-3600	8	Capscrew				
12	66-5710	1	Seal-Shaft				
18	94-3606	1	Key				
19	42-2010	2	Pin-Dowel				
20	94-3605	1	Backplate ASM				
20:1		1	Backplate				
20:2		2	Plug				
20:3		2	Ball				
20:4		2	Spring				
20:5		2	Seat				
20:6		2	Shim				
21	92-9260	1	Relief Valve Kit				
21:1		2	Plug				
21:2		2	Ball				
21:3		2	Spring				
21:4		2	Shim				
22	93-1413	1	Seal Kit				



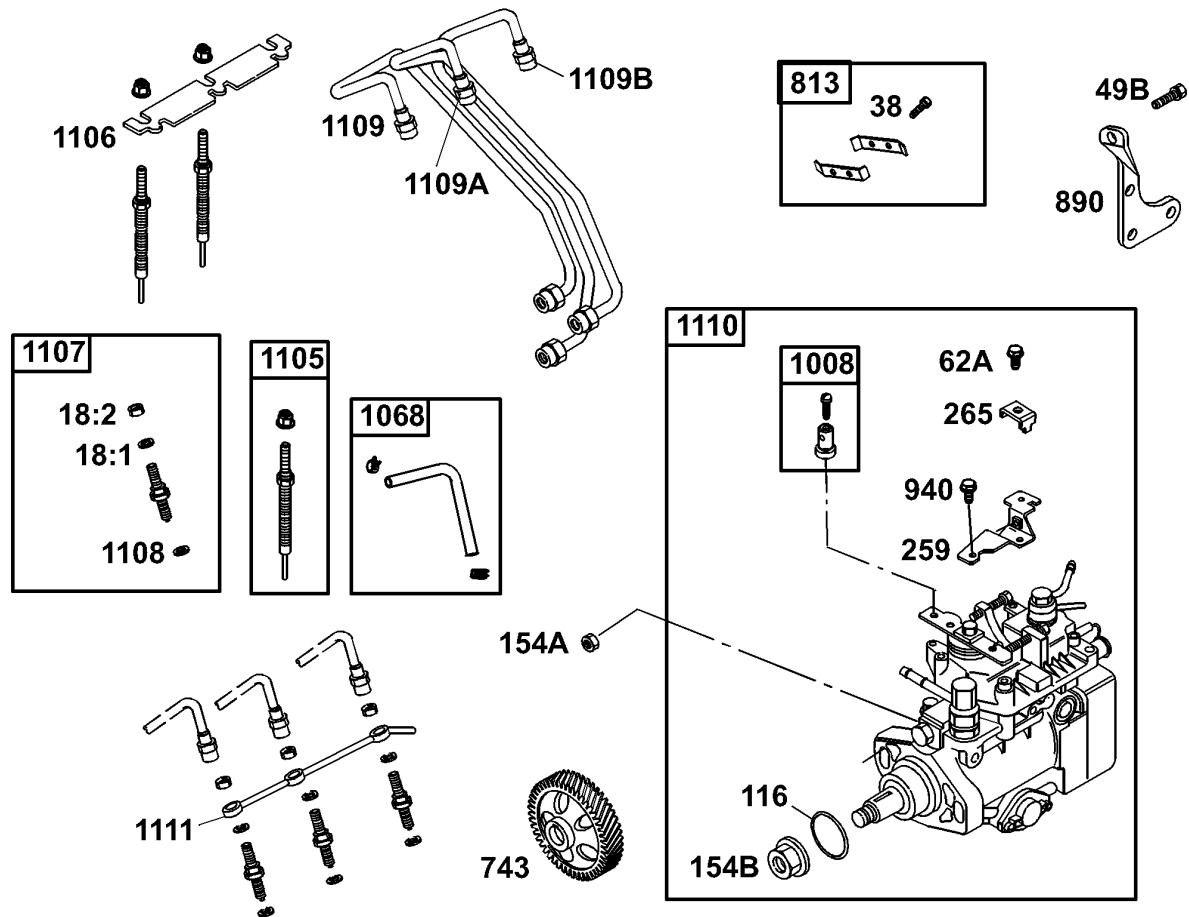
Crankshaft Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
16	99-9252	1	Crankshaft	1076A	99-9044	3	Rod Bearing Set (.010 Undersize)
23	99-9267	1	Flywheel				
25	99-9605	3	Piston ASM				
25	99-9268	3	Piston ASM-.010" Oversized				
26	99-9606	3	Ring Set				
26	99-9269	3	Ring Set-.010" Oversized				
27	99-9607	6	Lock-Pin, Piston				
29	99-9608	3	Rod-Connecting				
32	99-9030	6	Screw-Rod, Connecting				
49	99-9032	2	Screw-Hex				
62	99-9033	1	Screw-Hex				
154	99-9034	6	Nut-Hex				
220	99-9035	1	Washer-Thrust				
220	99-9036	1	Washer-Thrust, .005 Oversize				
44B	99-9031	6	Screw-Hex				
743	99-9609	1	Gear-Drive				
900	99-9039	1	Shaft-Gear				
1073	99-9040	1	Plate-Gear, Idler				
1075	99-9692	1	Pully-Crankshaft				
1076	99-9042	1	Bearing-Rod				
1079	99-9045	1	Bearing Set (Main)set Of 8				
1079	99-9046	1	Bearing Set (.010 Undersize)				
718C	99-9037	1	Pin-Locating				
1076A	99-9043	3	Rod Bearing Set				



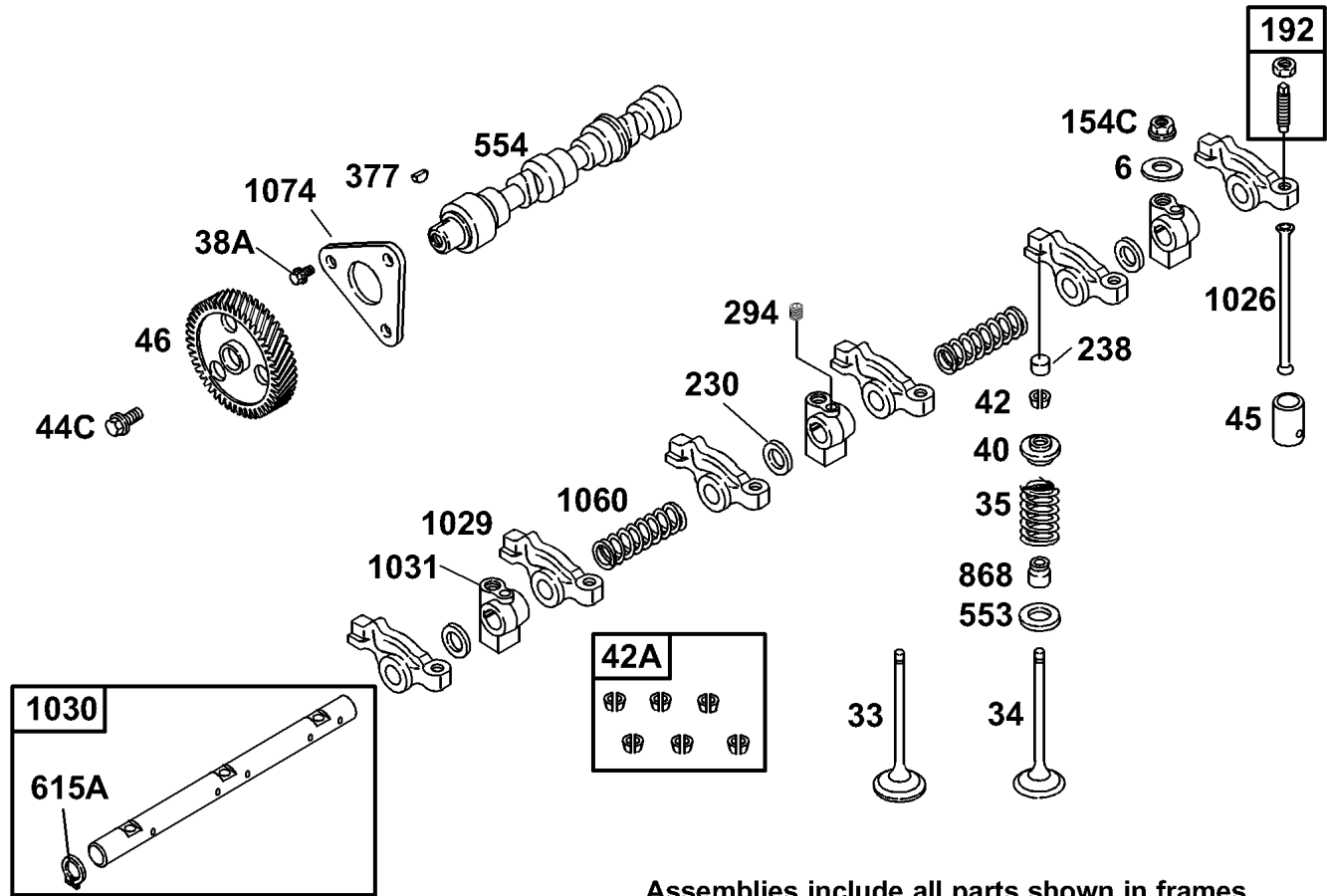
Cylinder Head Assembly

Ref	Part No.	Qty.	Description				
5	99-9611	1	Head-Cylinder				
7	99-9612	1	Gasket-Head, Cylinder				
11	104-7743	1	Tube-Breather				
13	99-9614	14	Screw-Metric				
21	99-9052	1	Cap-Fill, Oil				
24	105-3817	1	Label-Fill, Oil				
54	99-9055	2	Stud-Metric				
127	99-9008	2	Plug-Welch				
149	99-9061	3	Nut-Hex, Metric				
355	99-9063	3	Washer-Seal				
49A	99-9054	2	Screw-Hex				
615	99-9067	6	Retainer				
830	99-9101	3	Stud-Arm, Rocker				
871	99-9070	6	Bushing-Guide				
1022	99-9073	1	Gasket-Cover, Rocker				
1023	100-6402	1	Cover-Rocker				
1036	99-9615	1	Emission Label Kit				
1077	99-9076	1	Bracket-Lifting				
112A	99-9057	2	Stud-Metric				
112B	99-9058	5	Stud-Metric				
112C	99-9059	1	Stud-Metric				
127B	99-9060	2	Plug-Welch				
1077A	99-9077	1	Bracket-Lifting				



Injection Assembly

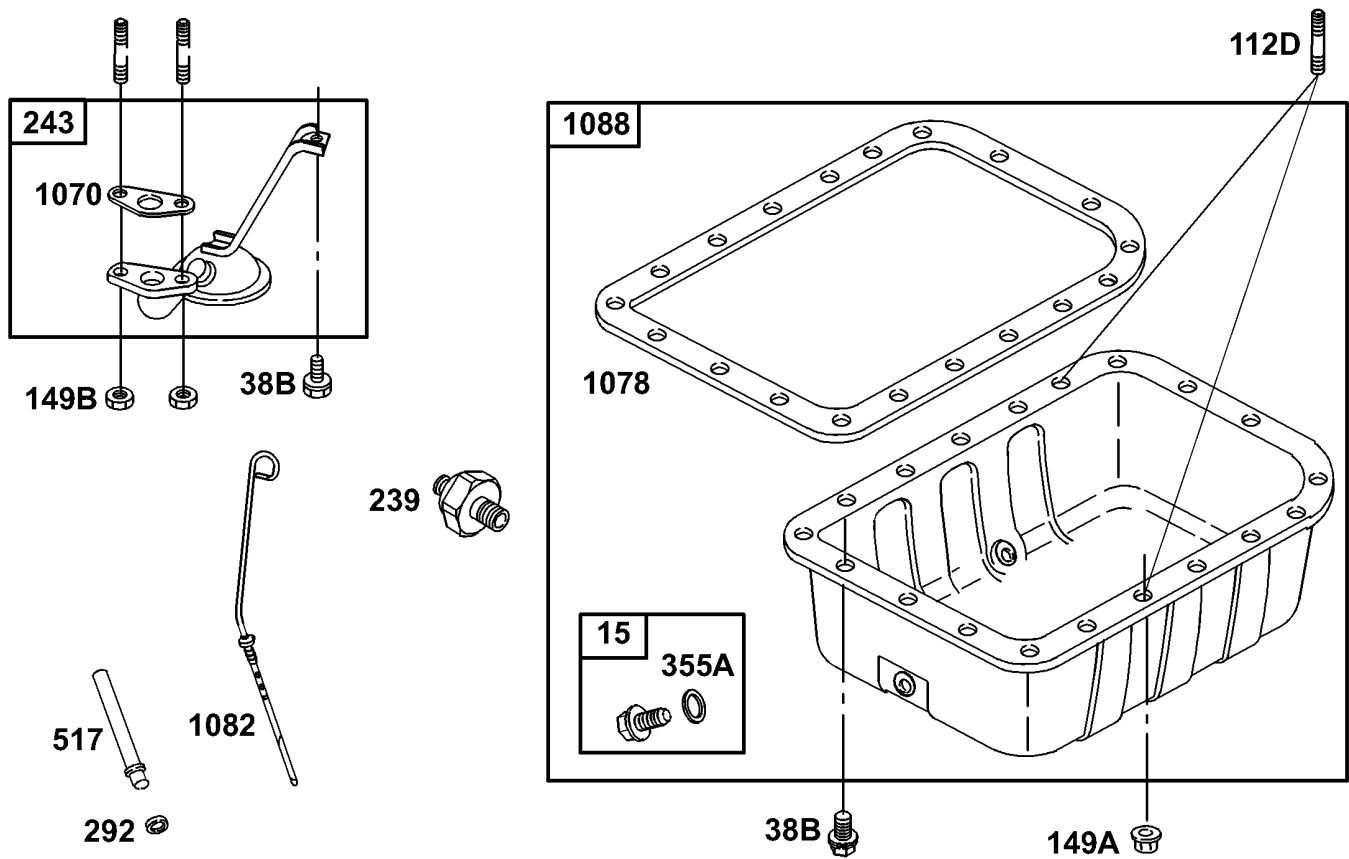
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
38	99-9004	2	Screw-Hex	18:2	100-5149	1	Nut-Hex
116	99-9618	1	O-Ring				
259	99-9621	1	Bracket-Clamp, Casing				
265	99-9622	1	Clamp-Casing				
49B	99-9616	4	Screw-Hex				
62A	100-6403	1	Screw-Metric				
743	99-9624	1	Gear-Drive				
813	99-9625	1	Clamp				
890	99-9626	1	Bracket-Support				
940	100-6410	2	Screw-Hex				
1008	99-9628	1	Clamp-Swivel				
1068	99-9629	1	Hose/clamp ASM				
1105	99-9630	3	Plug-Glow				
1106	99-9631	1	Strap-Plug, Glow				
1107	99-9632	3	Nozzle-Injector				
1108	99-9633	3	Seat-Injector				
1109	99-9690	1	Pipe-Injector, #1				
1110	104-3970	1	Pump-Injection				
1111	99-9637	1	Pipe-Return, Fuel				
154A	99-9619	2	Nut-Hex, Metric				
154B	99-9620	1	Nut-Hex, Metric				
1109A	99-9634	1	Pipe-Injector, #2				
1109B	99-9635	1	Pipe-Injector, #3				
18:1	100-5148	1	Washer				



Assemblies include all parts shown in frames.

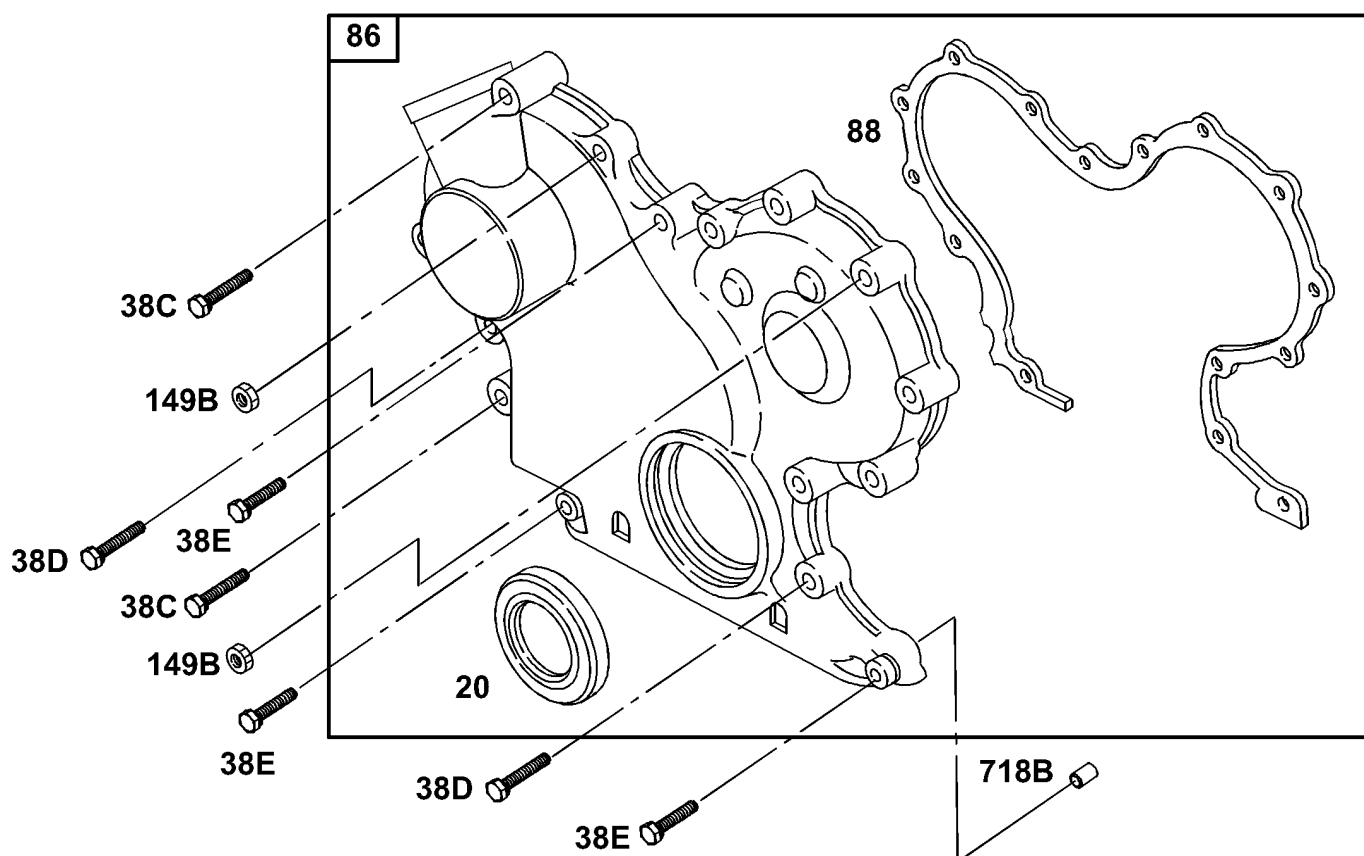
Rocker Arm Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
6	99-9079	3	Washer-Flat	1074	99-9109	1	Retainer-Camshaft
33	99-9638	3	Valve-Exhaust	154C	99-9091	3	Nut-Hex, Metric
34	99-9639	3	Valve-Intake	615A	99-9099	2	Retainer
35	99-9640	6	Spring-Valve				
40	99-9084	6	Retainer-Valve				
42	99-9086	1	Keeper-Valve				
45	99-9088	6	Tappet-Valve				
46	99-9641	1	Gear-Cam				
192	99-9092	6	Adjuster-Arm, Rocker				
230	99-9093	3	Washer-Spacer				
238	99-9094	6	Cap-Valve				
294	99-9090	1	Screw-Metric				
377	99-9642	1	Key-Timing				
38A	99-9083	3	Screw-Hex				
42A	99-9087	6	Keeper-Valve (Set Of Six)				
44C	99-9085	1	Screw-Metric				
553	99-9096	6	Seat-Spring, Valve				
554	99-9097	1	Shaft-Cam				
868	99-9643	6	Seal-Valve				
1026	99-9103	6	Rod-Push				
1029	99-9104	1	Arm-Rocker				
1030	99-9106	1	Shaft-Arm, Rocker				
1031	99-9107	3	Support-Arm, Rocker				
1060	99-9108	2	Spring-Shaft, Rocker				



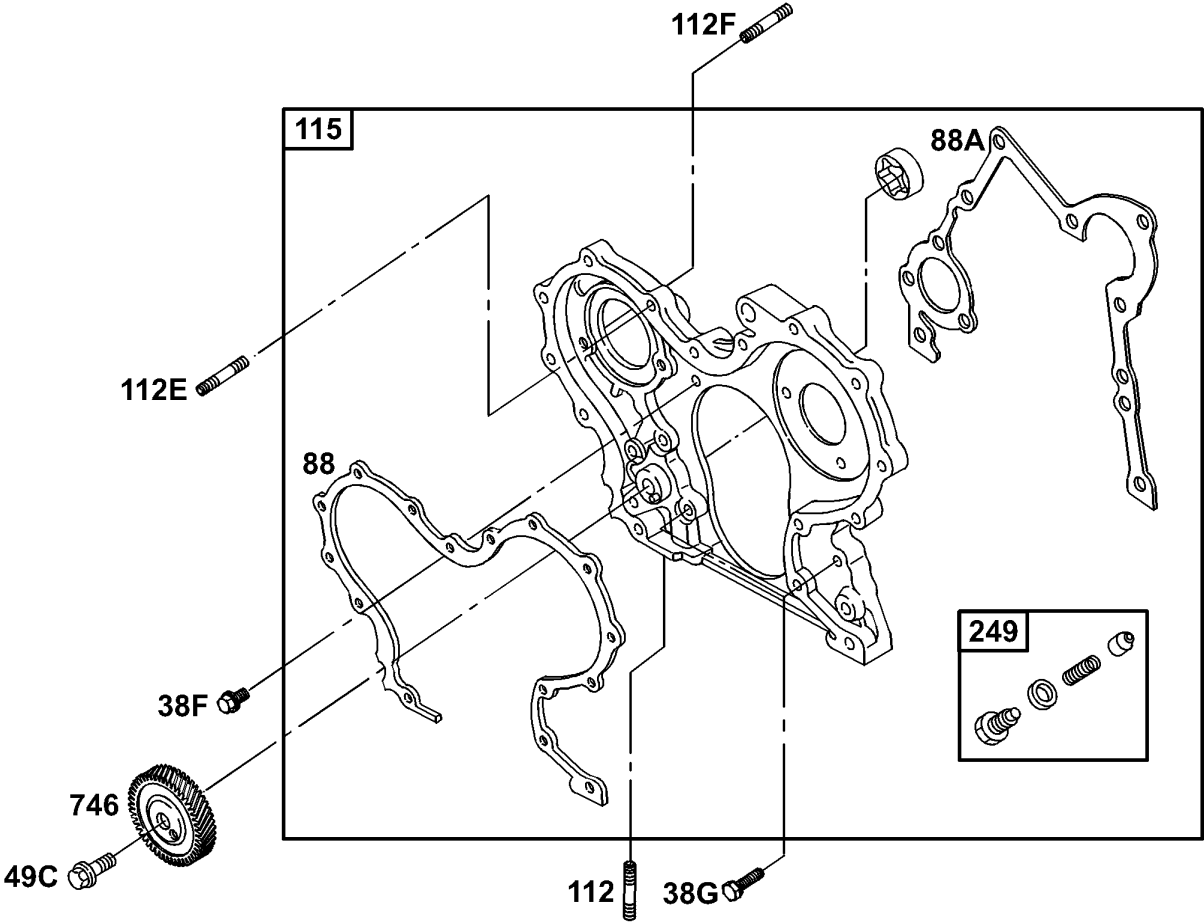
Oil Pan Assembly

Ref	Part No.	Qty.	Description				
15	99-9644	2	Plug-Drain, Oil				
239	99-9115	1	Switch-Pressure, Oil				
243	99-9116	1	Screen-Pump, Oil				
292	99-9265	1	O-Ring (Dipstick)				
38B	99-9111	18	Screw-Hex				
517	99-9271	1	Collar-Tube, Dipstick				
1070	99-9120	1	Gasket-Strainer, Oil				
1078	99-9121	1	Gasket-Pan, Oil				
1082	99-9272	1	Dipstick				
1088	99-9649	1	Pan-Oil				
112D	99-9112	2	Stud-Metric				
149A	99-9113	2	Nut-Hex, Metric				
149B	99-9114	2	Nut-Hex, Metric				
355A	99-9645	1	Washer-Seal				



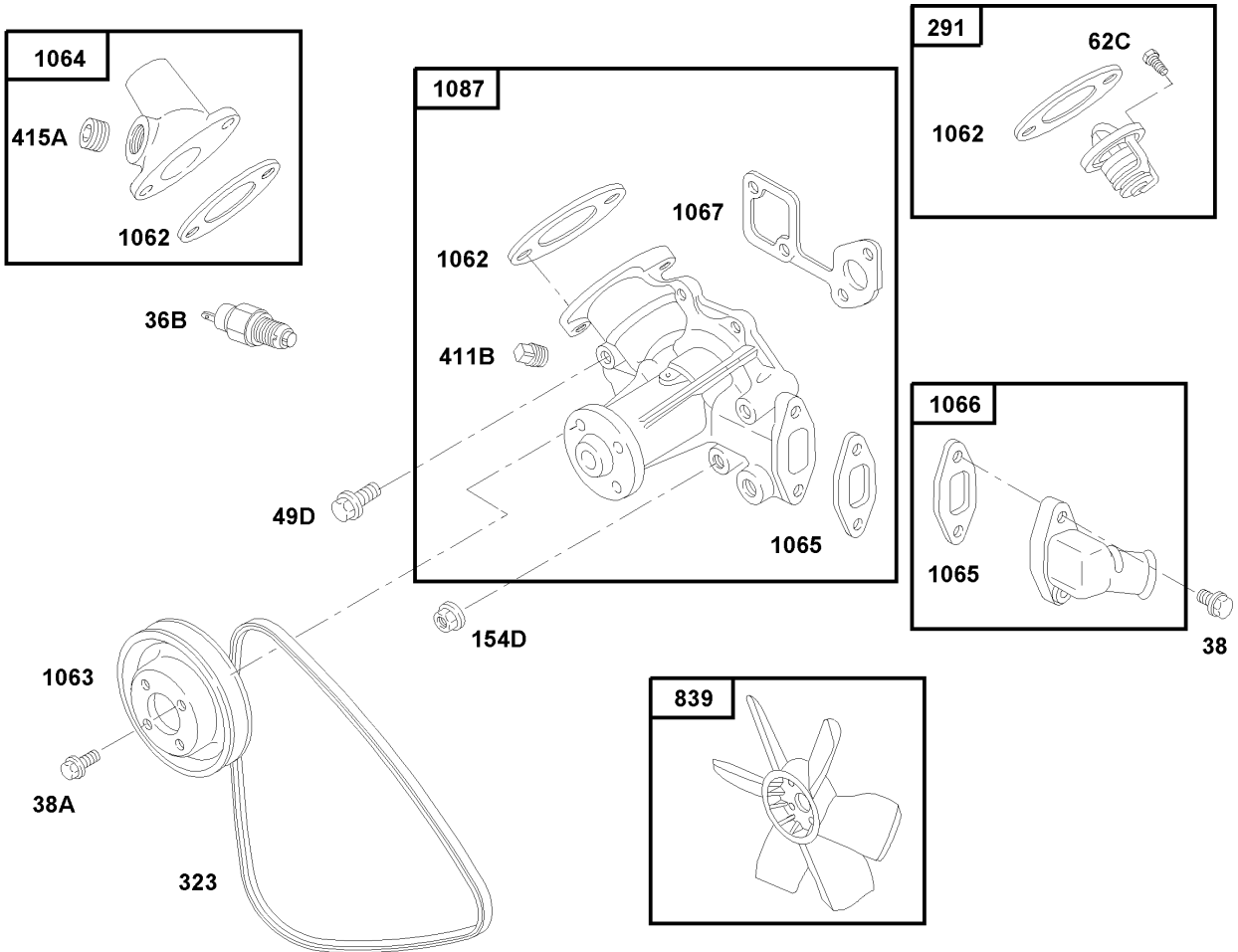
Cover Assembly

Ref	Part No.	Qty.	Description				
20	99-9126	1	Seal-Oil				
86	99-9652	1	Gear Cover ASM				
88	99-9653	1	Gasket-Cover, Gear				
38C	99-9651	2	Screw-Hex				
38D	99-9128	9	Screw-Hex				
38E	99-9129	3	Screw-Hex				
149B	99-9114	2	Nut-Hex, Metric				
718B	99-9014	1	Pin-Locating				



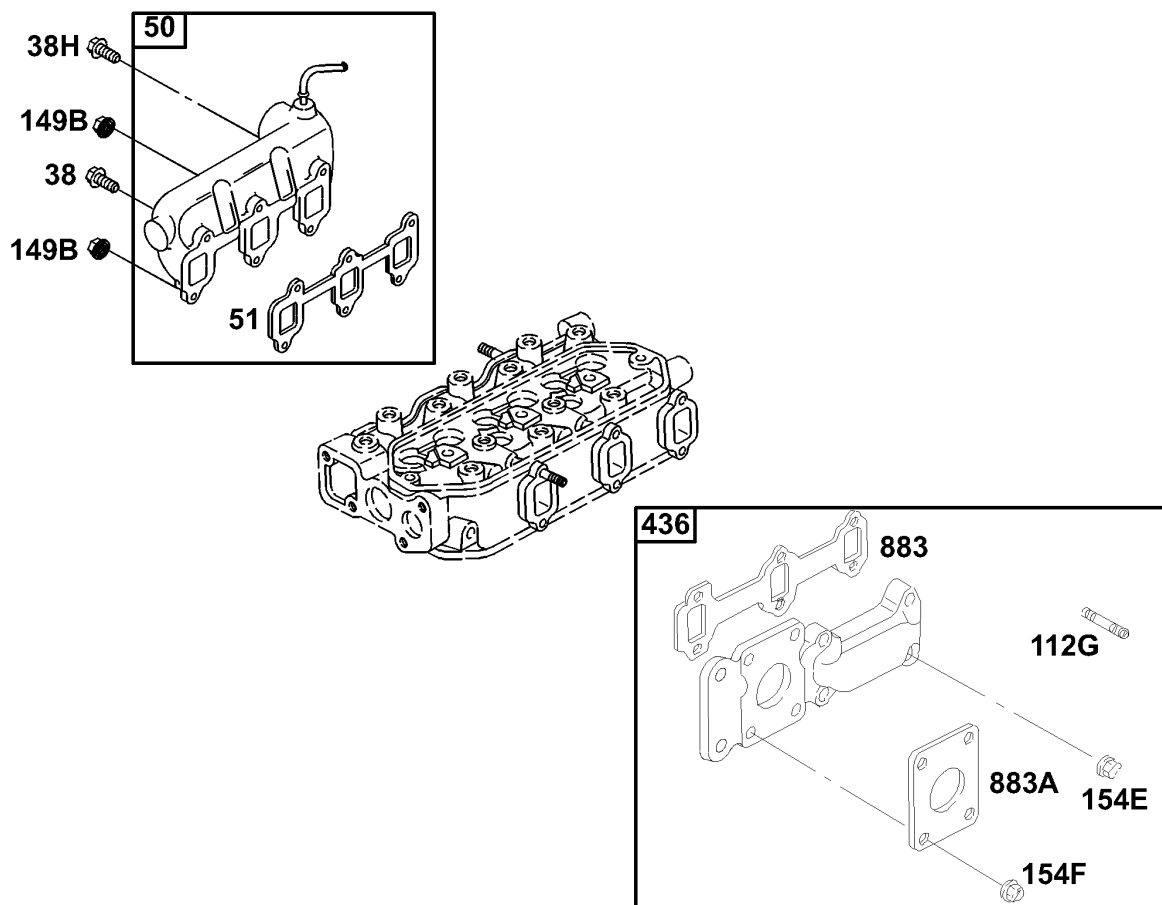
Gear Housing Assembly

Ref	Part No.	Qty.	Description				
88	99-9653	1	Gasket-Cover, Gear				
112	99-9007	1	Stud-Metric				
115	99-9655	1	Housing-Gear				
249	99-9142	1	Valve-Relief, Oil				
38F	99-9134	1	Screw-Hex				
38G	99-9133	4	Screw-Hex				
49C	99-9135	1	Screw-Hex				
746	99-9656	1	Gear-Drive				
88A	99-9136	1	Gasket-Cover, Gear				
112E	99-9137	2	Stud-Metric				
112F	99-9654	2	Stud-Metric				



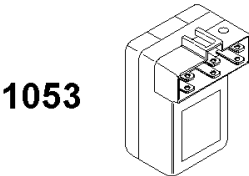
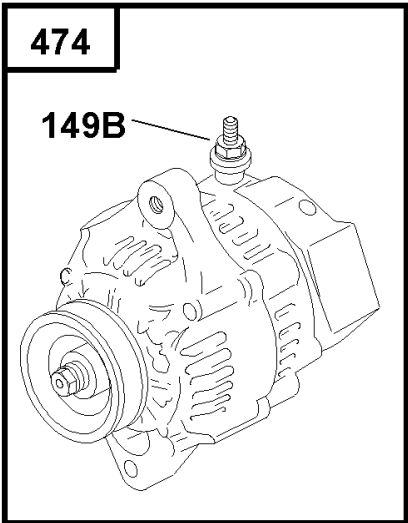
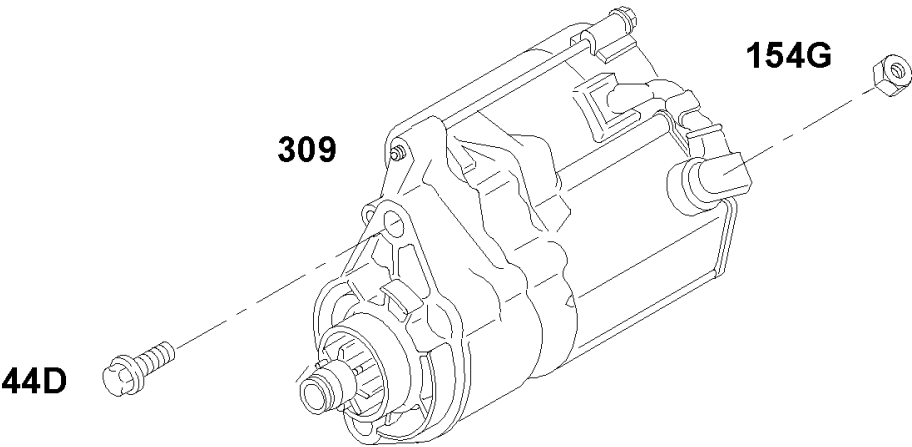
Water Pump Assembly

Ref	Part No.	Qty.	Description				
38	99-9004	2	Screw-Hex				
291	99-9155	1	Thermostat				
323	99-8153	1	Belt-V				
36B	99-9157	1	Switch-Temp., Water				
38A	99-9111	4	Screw-Hex				
49D	99-9151	2	Screw-Hex				
62C	99-9152	1	Screw-Metric				
839	104-3969	1	Fan-Engine,320mm, #825454				
1062	99-9163	1	Gasket-Outlet				
1063	99-9164	1	Pulley-Pump				
1064	99-9165	1	Housing-Outlet				
1065	99-9166	1	Gasket-Housing, Inlet				
1066	99-9167	1	Housing-Inlet				
1067	99-9168	1	Gasket-Pump, Water				
1087	105-3832	1	Pump-Water				
154D	99-9153	1	Nut-Hex, Metric				
411B	99-9159	1	Plug				
415A	99-9158	1	Plug				



Manifold Assembly

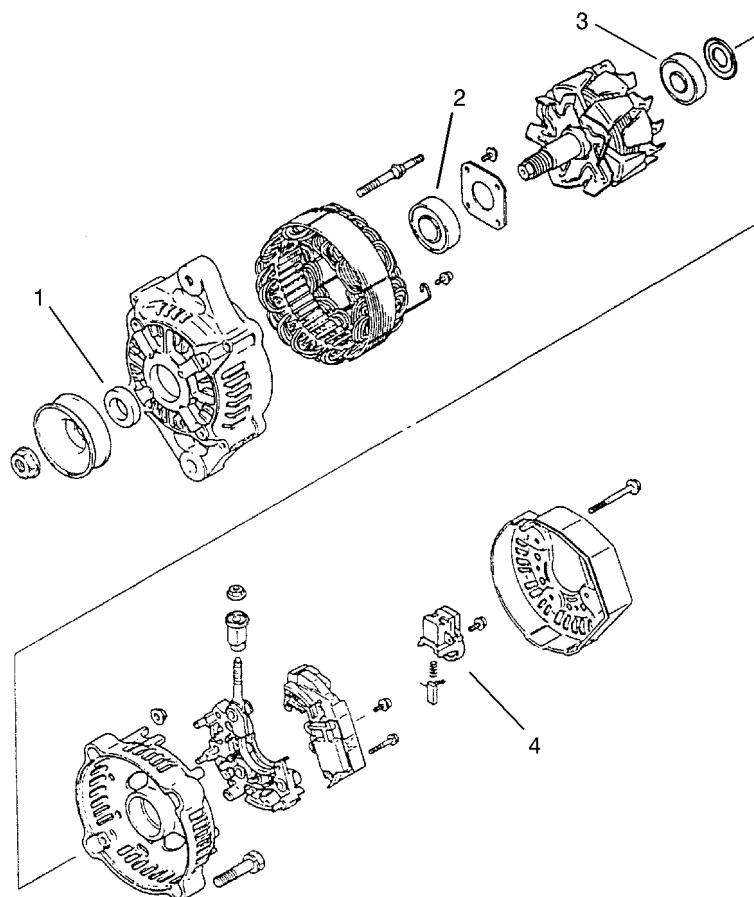
Ref	Part No.	Qty.	Description				
38	99-9004	1	Screw-Hex				
50	99-9661	1	Manifold-Intake				
51	99-9662	1	Gasket-Intake				
38H	99-9660	3	Screw-Hex				
436	99-9177	1	Manifold-Exhaust				
883	99-9178	1	Gasket-Exhaust				
112G	100-6407	4	Stud-Manifold, Exhaust				
149B	99-9114	2	Nut-Hex, Metric				
154E	99-9175	6	Nut-Hex, Metric				
154F	99-9176	4	Nut-Hex				
883A	99-9179	1	Gasket-Exhaust				



Alternator Assembly

Ref	Part No.	Qty.	Description
309	99-9207	1	Motor-Starter
44D	99-9201	2	Screw-Hex
474	99-9209	1	Alternator
1053	99-9666	1	Module
149B	99-9114	1	Nut-Hex, Metric
154G	99-9206	1	Nut-Hex, Metric

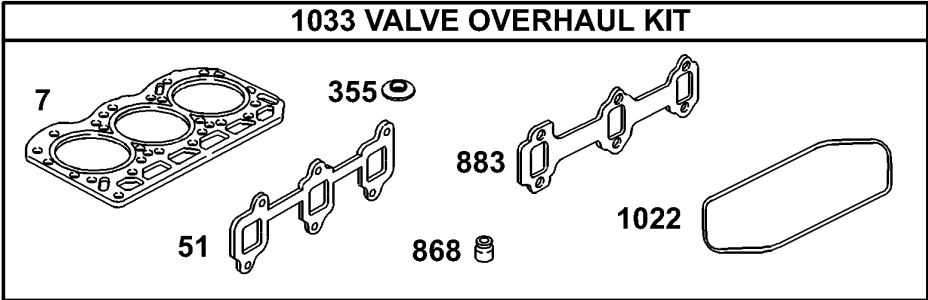
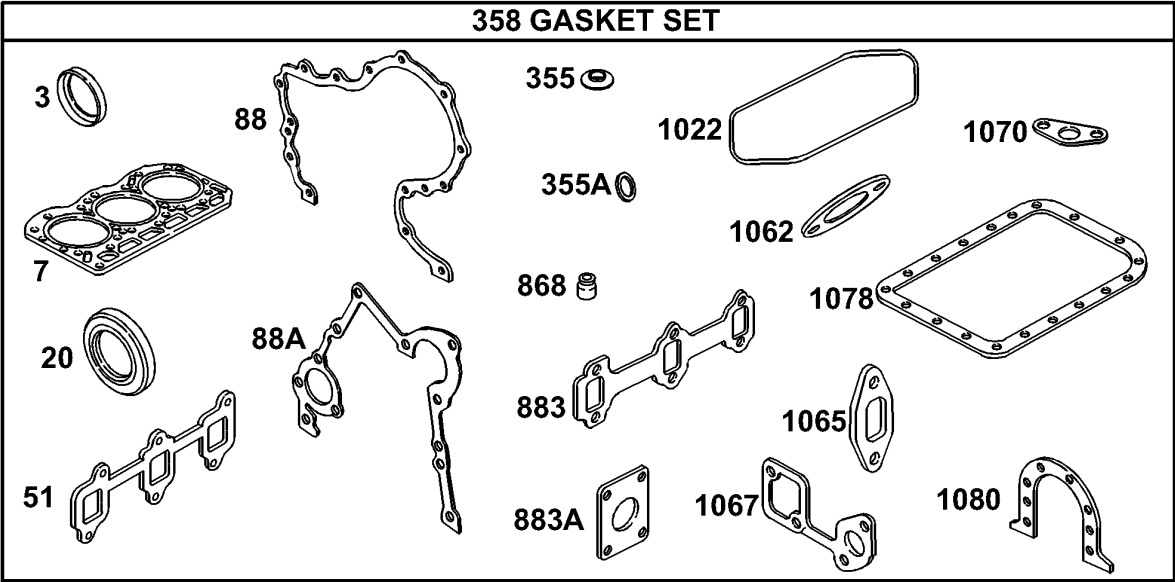
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**Parts not listed in
part list are not
serviced separately**

Alternator Assembly No. 99-9209

Ref	Part No.	Qty.	Description
1	100-5315	1	Collar
2	100-5316	1	Bearing
3	100-5317	1	Bearing
4	100-5318	1	Brush Holder ASM



Gasket and Valve Overhaul Kit

Ref	Part No.	Qty.	Description				
3	99-9003	1	Seal-Oil				
7	99-9612	1	Gasket-Head, Cylinder				
20	99-9126	1	Seal-Oil				
51	99-9662	1	Gasket-Intake				
88	99-9653	1	Gasket-Cover, Gear				
355	99-9063	1	Washer-Seal				
358	99-9667	1	Gasket-Set				
868	99-9643	6	Seal-Valve				
883	99-9178	1	Gasket-Exhaust				
88A	99-9136	1	Gasket-Cover, Gear				
1022	99-9073	1	Gasket-Cover, Rocker				
1033	99-9668	1	Valve Overhaul Kit				
1062	99-9163	1	Gasket-Outlet				
1065	99-9166	1	Gasket-Housing, Inlet				
1067	99-9168	1	Gasket-Pump, Water				
1070	99-9120	1	Gasket-Strainer, Oil				
1078	99-9121	1	Gasket-Pan, Oil				
1080	99-9021	1	Gasket-Retainer				
355A	99-9645	1	Washer-Seal				
883A	99-9179	1	Gasket-Exhaust				

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