Form Number 3326-824 Rev B

Twister® 1400 Utility Vehicle

Model No. 12003 - 220000001 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.

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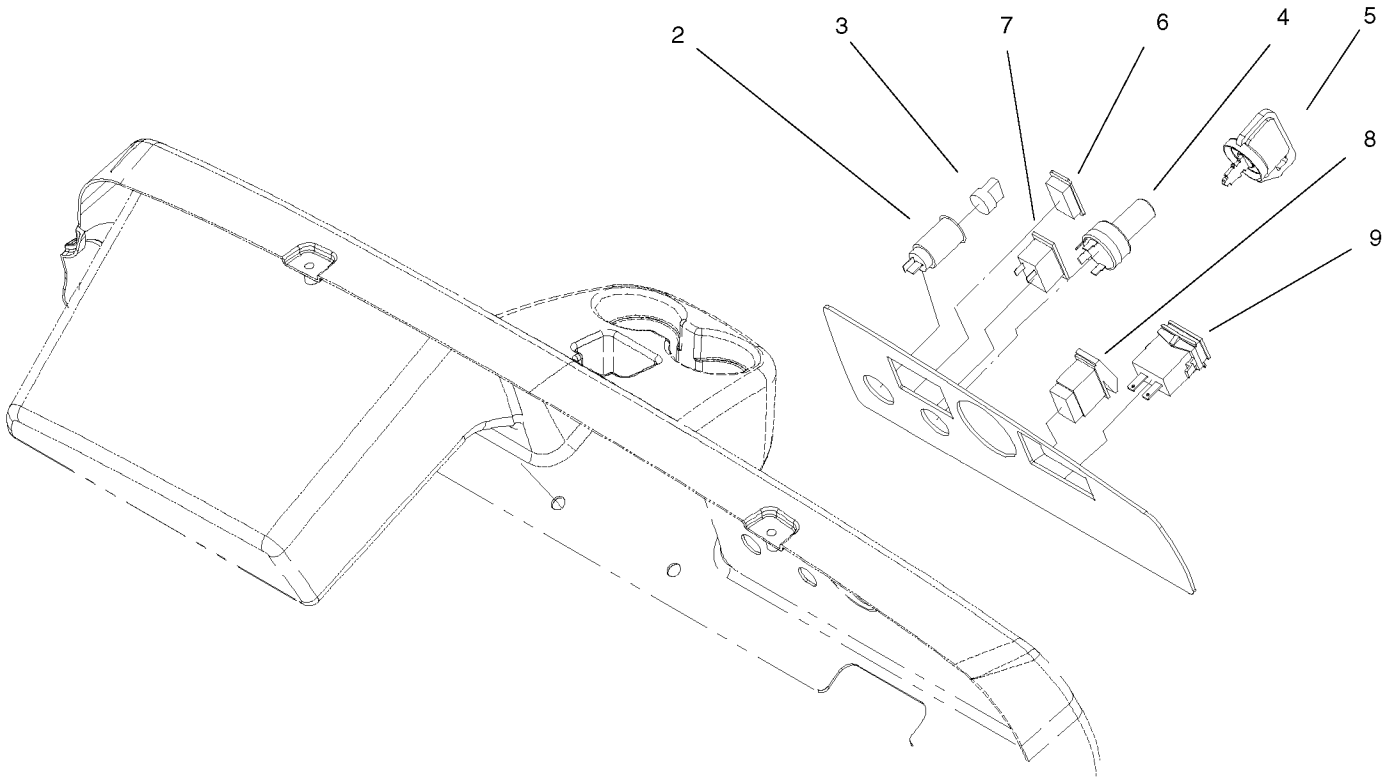
Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

AR. . . . . as required
ASM. . . . . assembly
BBC. . . . . blade brake clutch
CARR. . . . . carriage
DEG. . . . . degrees
EXT. . . . . external
FH. . . . . flat head
GA. . . . . gauge
HD. . . . . heavy-duty
HF. . . . . hex flange
HH. . . . . hex head
HHF. . . . . hex head flange
HHFTF. . . . . hex head flange thread forming
HJ. . . . . hex jam
HLH. . . . . hex lag head
HOC. . . . . height-of-cut
HSBH. . . . . hex socket button head
HSFH. . . . . hex socket flat head
HSH. . . . . hex socket head
HWH. . . . . hex washer head
HWHTF. . . . . hex washer head thread forming
HYD. . . . . hydraulic
LH. . . . . left hand
NI. . . . . nylon insert
NPTF. . . . . national pipe thread fine
PFH. . . . . phillips flat head
PPH. . . . . phillips pan head
PPHTF. . . . . phillips pan head thread forming
PRH. . . . . phillips round head
PTH. . . . . phillips truss head
PTO. . . . . power-take-off
RH. . . . . right hand
ROPS. . . . . roll-over protection system
SFH. . . . . slotted fillister head
SHH. . . . . slotted hex head
SHWH. . . . . slotted hex washer head
SPH. . . . . slotted pan head
SQH. . . . . square head
SRH. . . . . slotted round head
STD. . . . . standard
TAP. . . . . self tapping
TTH. . . . . torx truss head

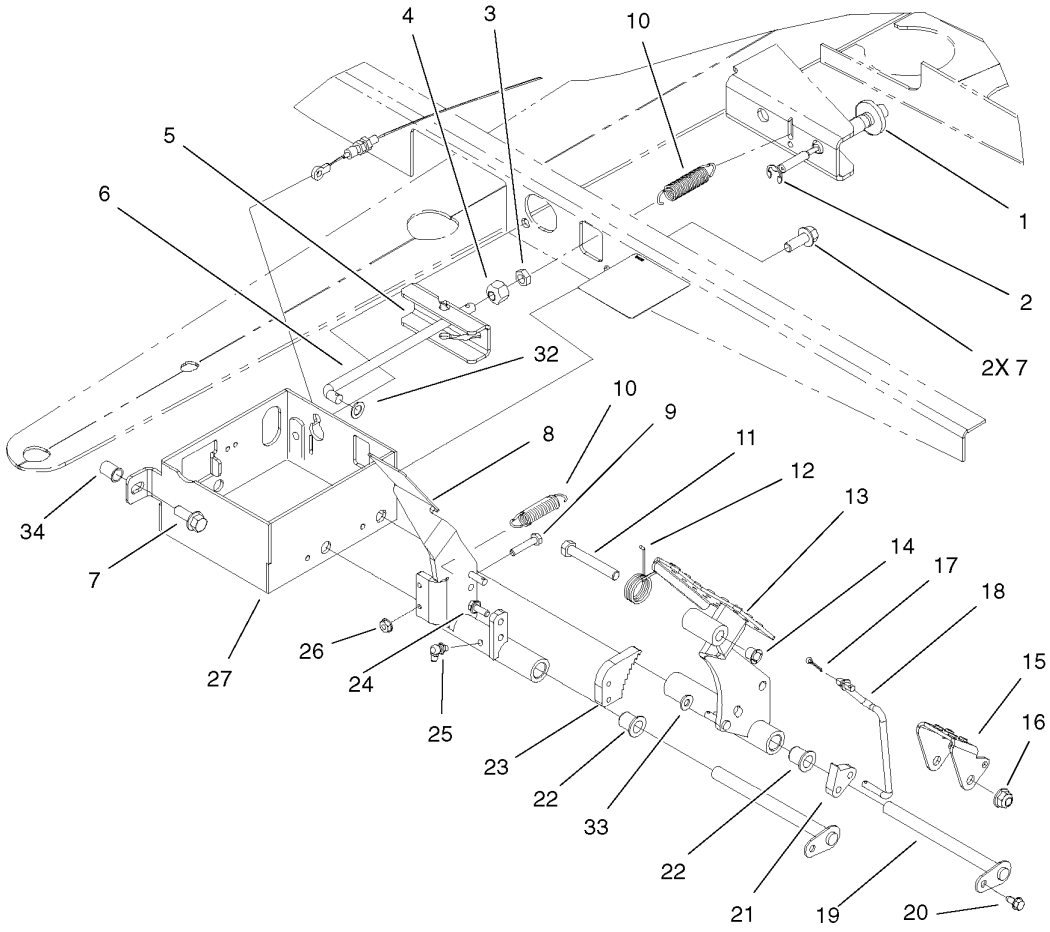
Footnotes

❶ Not serviced separately
❷ Included in Engine Gasket Set-Ref. 358.
❸ Included in Valve Gasket Set-Ref. 1095.
❹ Included in Carburetor Overhaul Kit-Ref. 121.



Dash Assembly

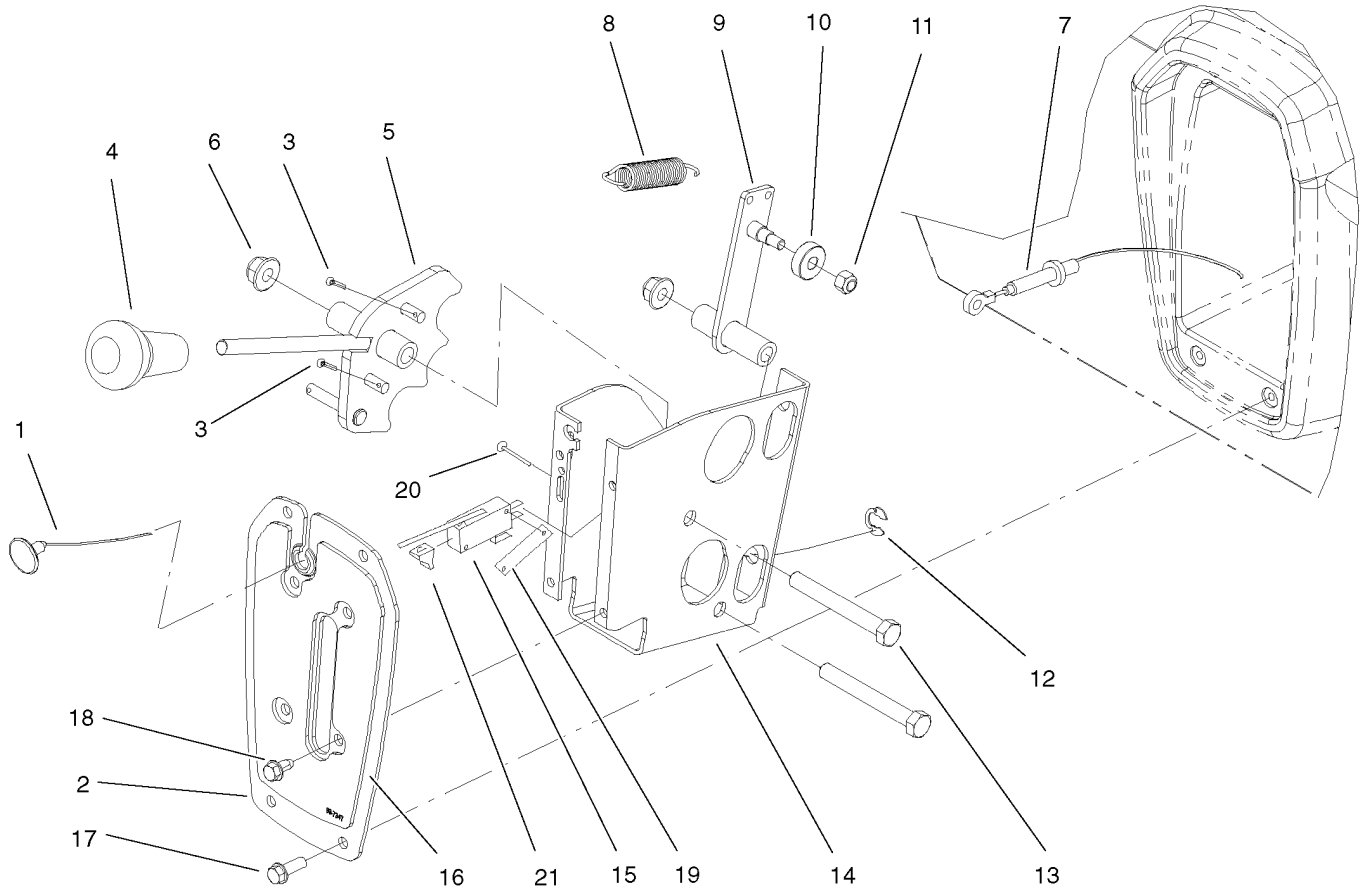
Ref	Part No.	Qty.	Description
2	99-7411	1	Point-Power
3	99-7416	1	Cap
4	104-6929	1	Switch-Ignition
5	99-7418	2	Key-Ignition
6	99-7420	1	Plug-Hole
7	99-7410	1	Light-Oil
8	95-8999	1	Switch
9	94-4208	1	Hourmeter



Pedal Assembly

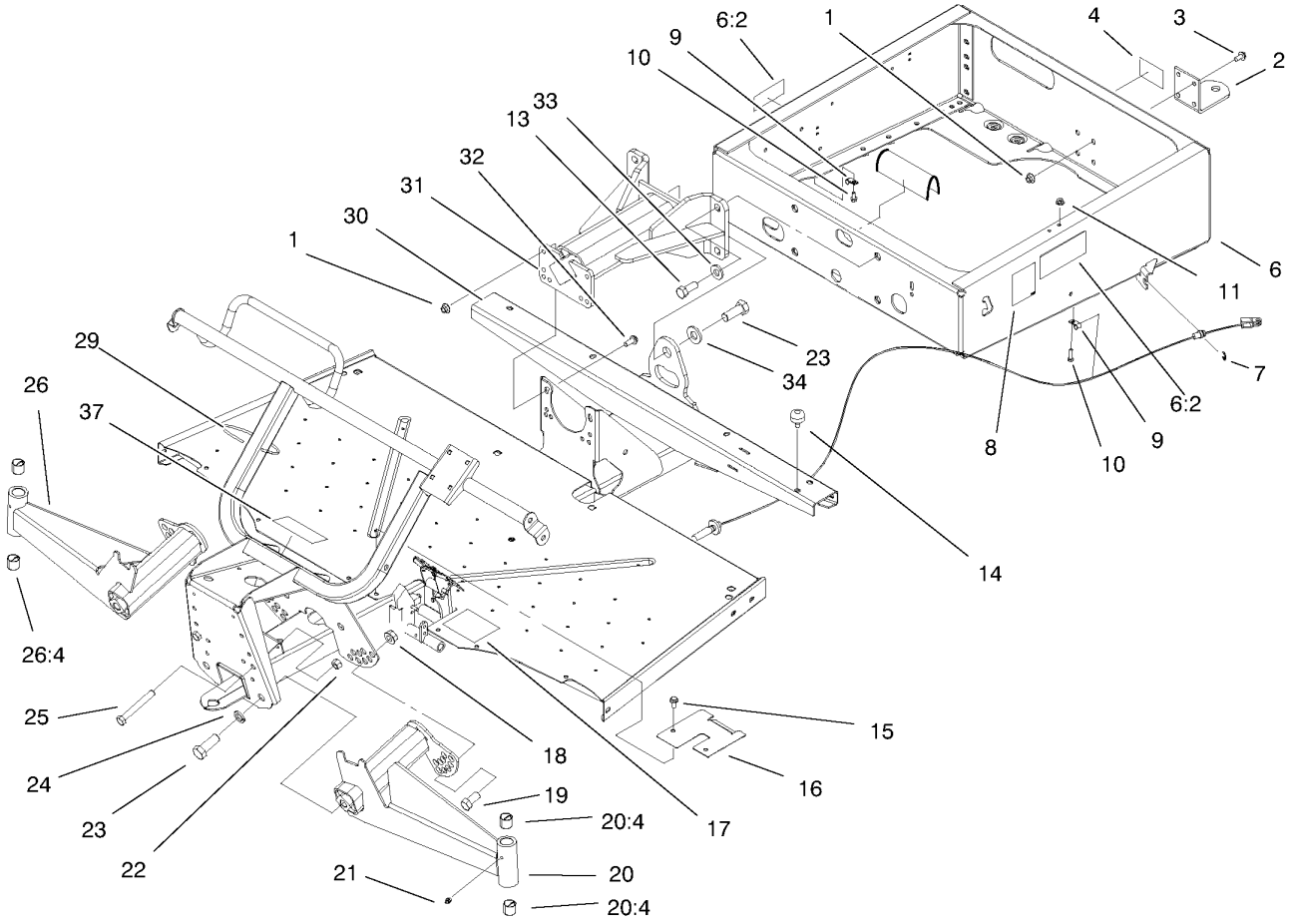
Ref	Part No.	Qty.	Description
1	99-7109	2	Cable-Brake
2	32120-47	2	Ring-Retaining, External
3	3219-3	1	Nut-Hex
4	99-7123	1	Nut-Equalizer
5	99-7093	1	Bracket-Brake, Adjustment
6	99-7060	1	Rod-Brake
7	3234-11	3	Screw-HHF
8	104-6752-03	1	Accelerator Pedal ASM
9	321-8	1	Screw-HH
10	104-6415	2	Spring-Return, Pedal
11	323-12	1	Screw-HH
12	99-7140	1	Spring-Torsion
13	104-6755-03	1	Brake Pedal ASM
14	52-2891	2	Bushing-Link, Steering
15	99-7963-03	1	Pedal-Park
16	104-8301	1	Nut-Flange, NI
17	3272-6	5	Pin-Cotter
18	104-6756	1	Rod
19	99-7169	2	Pivot-Pedals
20	12-3270	2	Screw
21	99-7218	1	Detent
22	256-155	4	Bushing-Flange
23	99-7214	1	Pawl-Brake
24	3234-33	2	Screw-HHF

Ref	Part No.	Qty.	Description
25	302-60	2	Fitting-Grease, 90 DEG
26	32149-2	3	Nut-Keps
27	99-7210-03	1	Base ASM
32	3256-46	1	Washer-Flat
33	3256-22	1	Washer-Flat
34	32148-9	1	Insert-Nut



Shifter Assembly

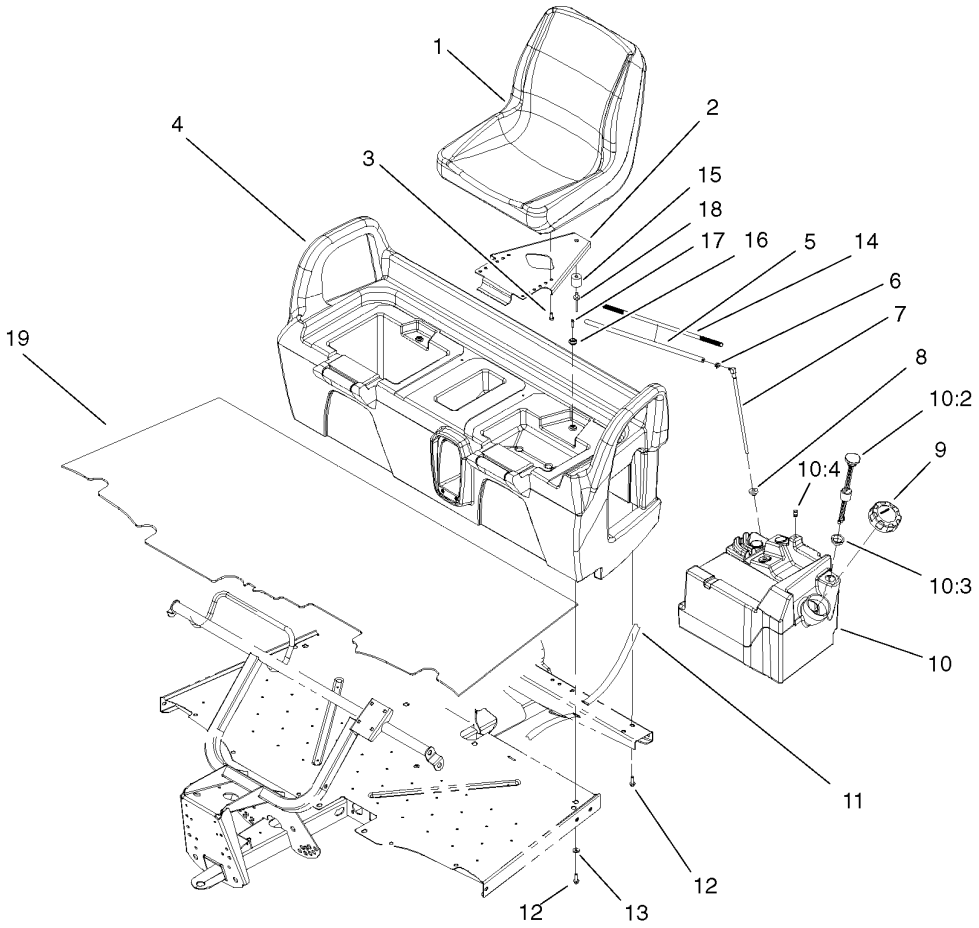
Ref	Part No.	Qty.	Description
1	99-7111	1	Cable-Choke
2	99-7887-03	1	Plate-Shifter
3	3272-5	2	Pin-Cotter
4	99-7981	1	Knob-Grip, Soft
5	99-7879	1	Lever-Shifter
6	104-8301	2	Nut-Flange, NI
7	104-6896	2	Cable-Shift
8	104-6415	1	Spring-Return, Pedal
9	99-7176	1	Detent
10	251-307	1	Bearing-Ball
11	3296-42	1	Nut-Lock, NI
12	32151-101	2	E-Ring
13	323-14	2	Screw-HH
14	104-6509-03	1	Bracket-Shift
15	88-9932	1	Switch-Micro
16	99-7952	1	Decal-Shifter
17	32105-15	4	Screw
18	12-3270	4	Screw
19	3290-354	1	Nut-Speed
20	3290-313	2	Screw-Ph
21	93-3240	1	Plunger-Seal



Frame Assembly

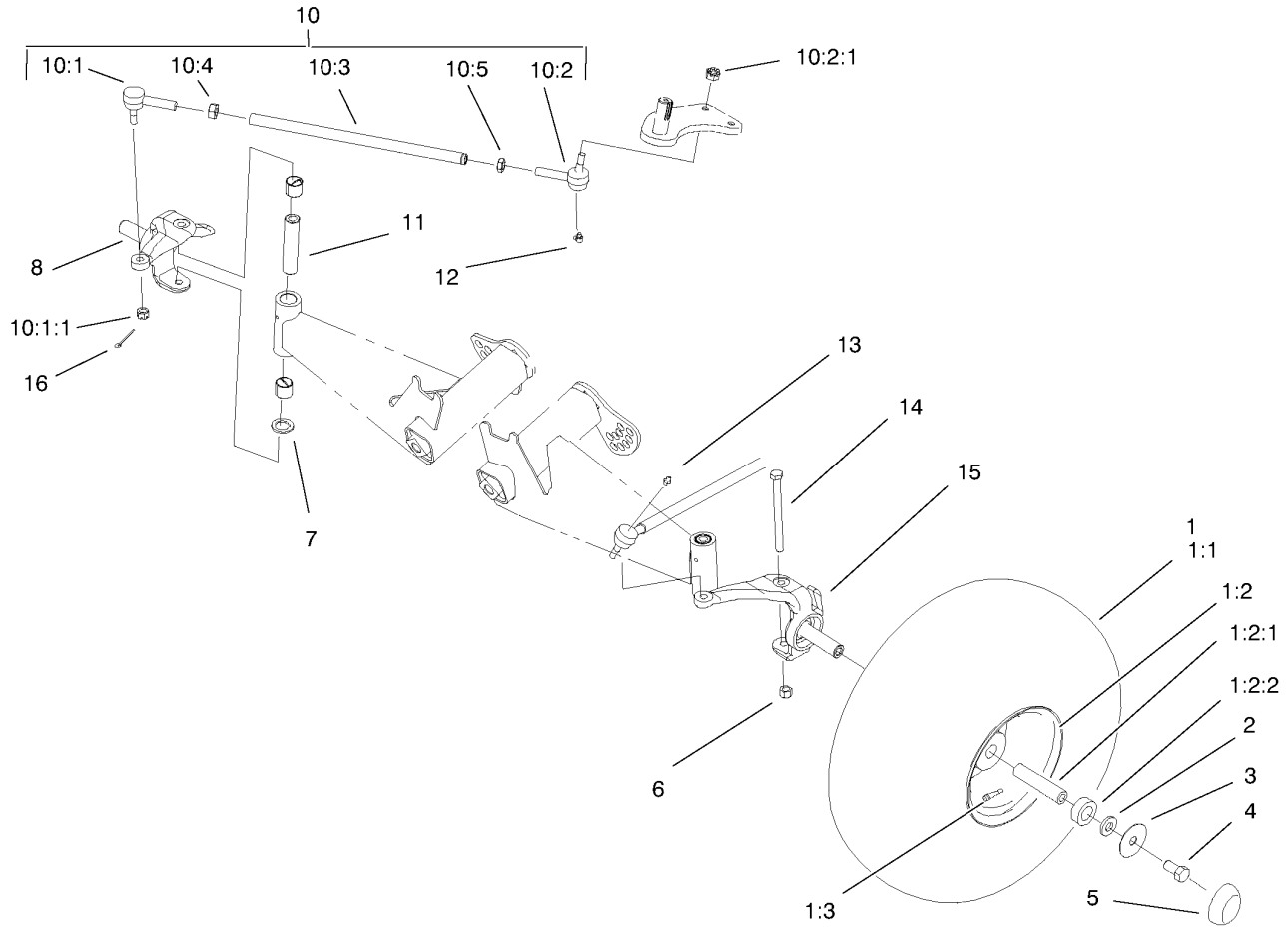
Ref	Part No.	Qty.	Description
1	104-8301	8	Nut-Flange, NI
2	99-7654-03	1	Hitch-Duty, Light
3	3234-24	4	Screw-HHF
4	99-7350	1	Decal-Information
6	99-7362	1	Rear Frame ASM
6:2	99-7345	2	Decal-Warning
7	32120-47	2	Ring-Retaining, External
8	99-7349	1	Decal-Information, Boxlatch
9	2412-89	5	Clamp
10	321-6	4	Screw-HH
11	32128-33	4	Nut-HF
13	327-4	4	Screw-HH
14	87-2440	1	Bumper-Rubber
15	3234-5	2	Screw-HHF
16	99-7275-03	1	Cover-Pedal
17	99-7346	1	Decal-Information, Brake
18	32128-54	2	Nut-HF
19	3214-2	2	Screw-HH
20	99-7685	1	LH A-Arm ASM
20:4	3-0348	2	Bushing
21	302-5	2	Fitting-Grease
22	3296-23	2	Nut-Lock, NI
23	328-24	5	Screw-HH
24	3254-7	4	Washer-Lock, Int

Ref	Part No.	Qty.	Description
25	325-17	2	Screw-HH
26	99-7684	1	RH A-Arm ASM
26:4	3-0348	2	Bushing
29	3290-379	11	Tie-Cable
30	99-7463-03	1	Frame-Front
31	99-7700	1	Pivot Yoke ASM
32	3234-11	4	Screw-HHF
33	99-7667	4	Washer-Flat
34	87-3060	1	Washer-Hardened
37	104-6856	1	Decal-Capacity
38	95-5686	1	Trim



Seatbase Assembly

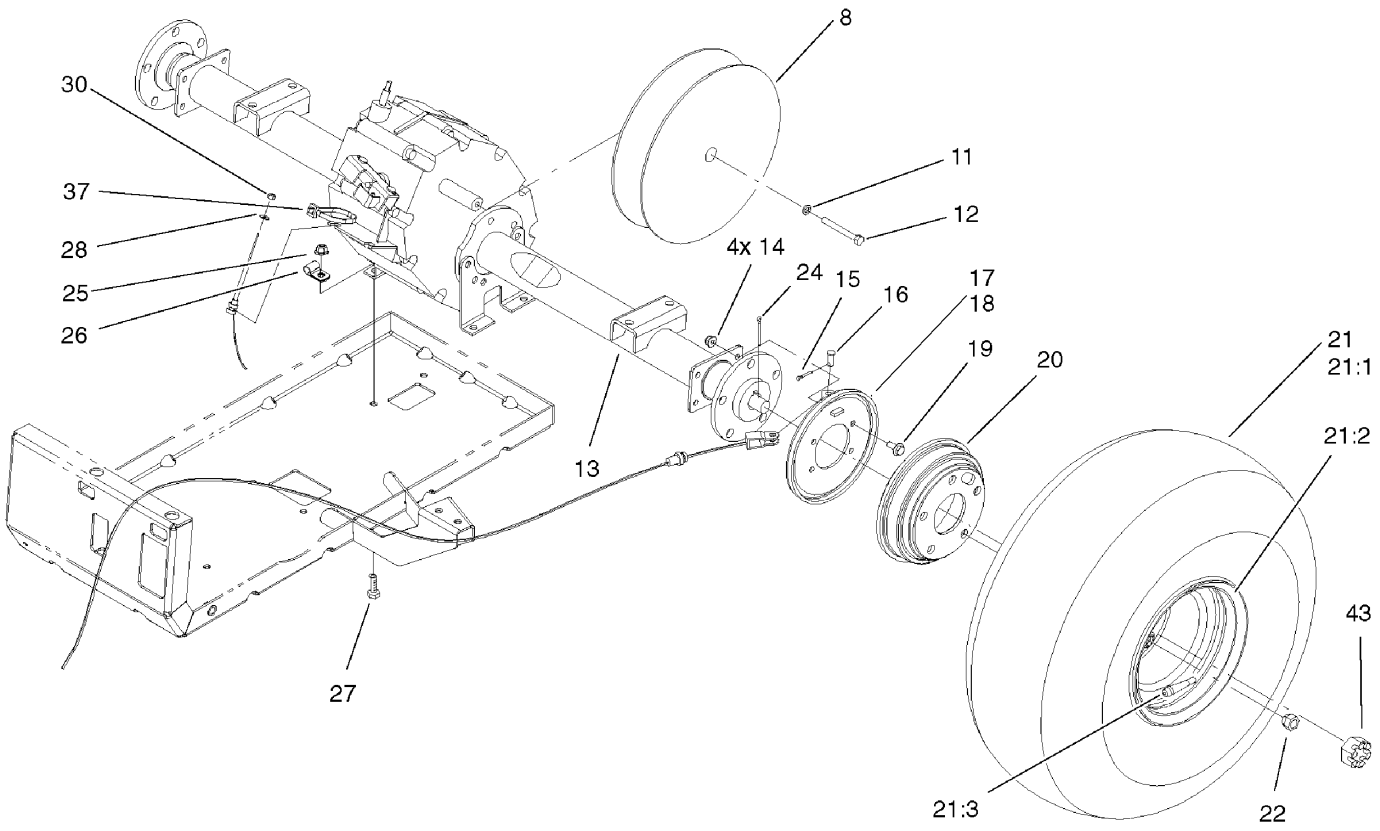
Ref	Part No.	Qty.	Description
1	99-7281	2	Seat
2	99-7829	2	Bracket-Seat
3	33114-016	8	Screw-HH
4	104-6401	1	Seat Base ASM
5	99-7187	1	Hose-Fuel
6	2412-98	1	Clamp
7	99-7264	1	Pipe-Stand
8	46-6560	1	Bushing
9	95-4192	1	Unleaded Gas Cap ASM
10	99-7323	1	Fuel Tank ASM
10:2	99-7262	1	Gauge-Fuel
10:3	95-8972	1	Grommet
10:4	99-7267	1	Vent-Air
11	3339-175	1	Strapping-Web, 48 Inch
12	3234-17	8	Screw-HHF
13	88-7200	4	Washer-Flat
14	99-7129	1	Conduit-Line, Fuel
15	99-7830	2	Rubber Receptical ASM
16	99-7833	2	Post-Holding
17	32108-5	2	Screw-FH
18	3290-412	2	Rivet
19	104-6897	1	Mat-Floor



Front Tire and Steering Assembly

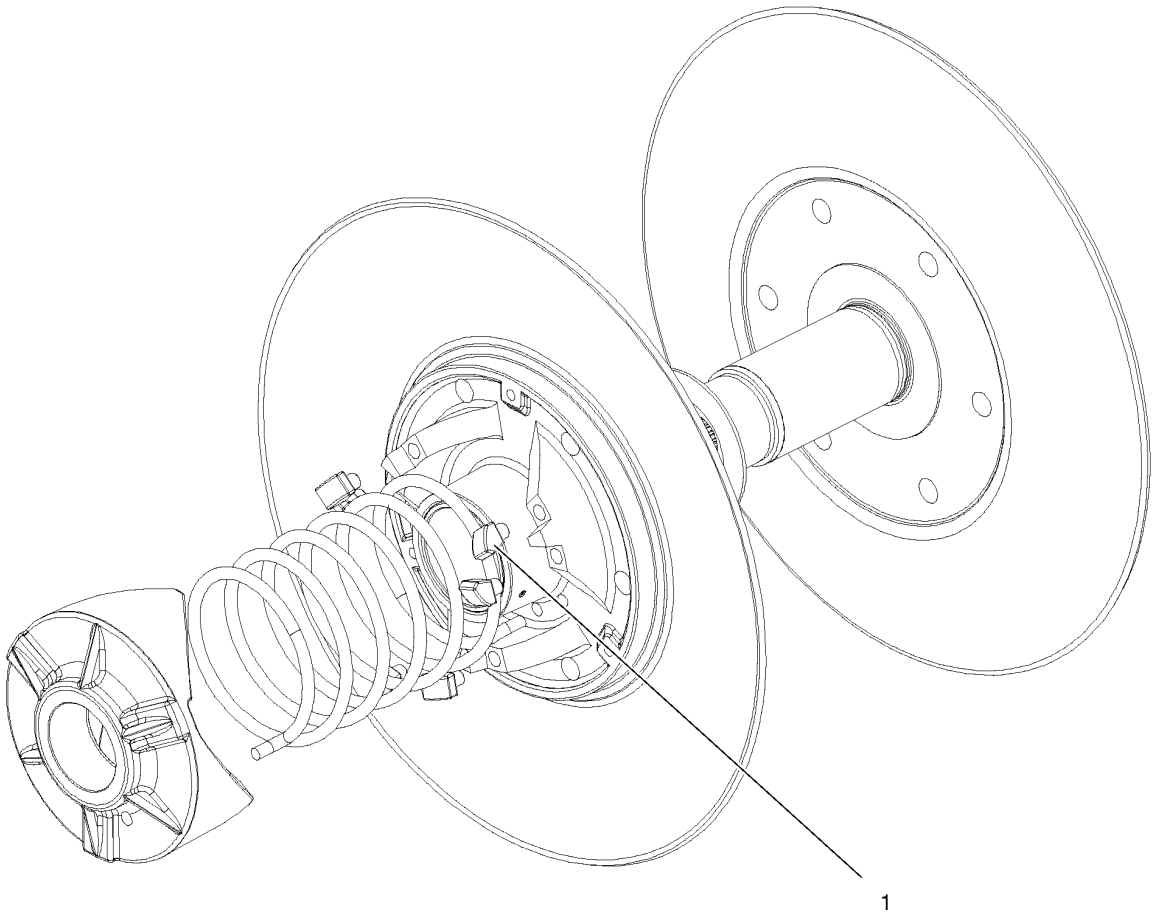
Ref	Part No.	Qty.	Description
❶1		2	Wheel And Tire ASM
1:1	99-7869	1	Tire
1:2	104-6429	1	Wheel-W/Bearings
1:2:1	104-1699	1	Spacer
1:2:2	104-1698	2	Bearing-Ball
1:3	232-27	1	Stem-Valve
2	99-7667	2	Washer-Flat
3	99-7719	2	Washer
4	327-2	2	Screw-HH
5	94-7871	2	Cap-Dust
6	3296-23	2	Nut-Lock, NI
7	256-115	2	Washer-Thrust
8	99-7487-03	1	Spindle-RH
❶10		2	Rod-Tie
10:1	112772	1	Joint-Ball, RH
10:1:1	915031	1	Nut
10:2	112771	1	Joint-Ball, LH
10:2:1	915031	1	Nut
10:3	99-7600-03	1	Rod-Tie
10:4	3220-11	1	Nut-Jam
10:5	3218-21	1	Nut-Jam
11	99-7499	2	Sleeve-Kingpin
12	302-60	2	Fitting-Grease, 90 DEG
13	302-5	2	Fitting-Grease

Ref	Part No.	Qty.	Description
14	325-20	2	Screw-HH
15	99-7486-03	1	Spindle-LH
16	3272-7	4	Pin-Cotter



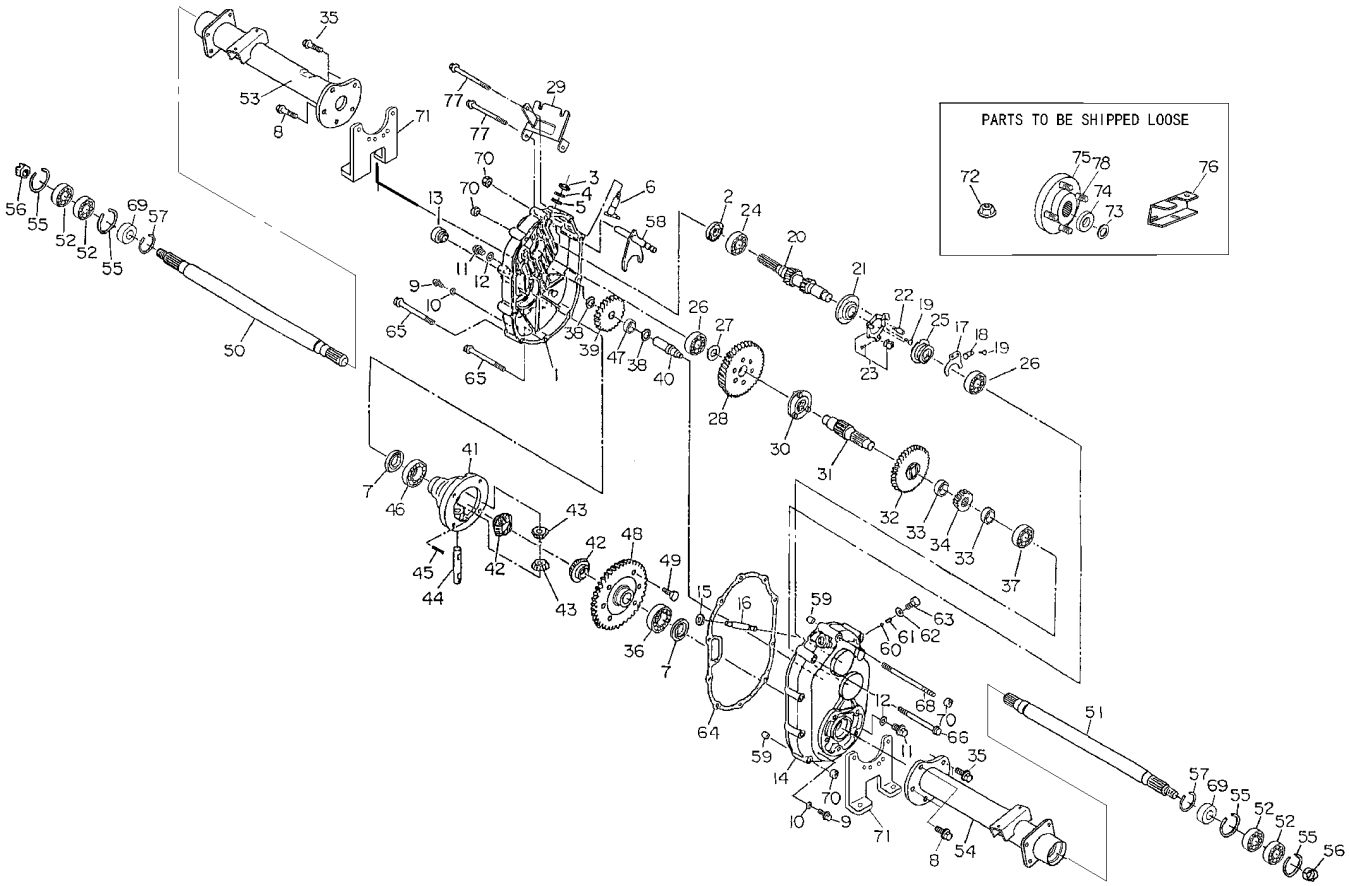
Rear Tire and Transaxle Assembly

Ref	Part No.	Qty.	Description
8	99-7104	1	Clutch-Driven
11	104-6563	1	Washer-Stepped
12	104-6564	1	Screw-HH
13	104-6898	1	Transaxle
14	104-8300	8	Nut-Flange, NI
15	3272-10	2	Pin-Cotter
16	283-62	2	Pin-Clevis
17	99-7136	1	Brake-RH
18	99-7137	1	Brake-LH
19	3234-5	10	Screw-HHF
20	104-6500	2	Drum-Brake
❶21		2	Wheel And Tire ASM
21:1	99-7869	1	Tire
21:2	104-6430	1	Wheel-5 Bolt
21:3	232-27	1	Stem-Valve
22	242-50	10	Nut-Lug
24	3272-42	2	Pin-Cotter
25	104-8301	4	Nut-Flange, NI
26	2412-10	1	R-Clamp
27	3234-24	4	Screw-HHF
28	3256-49	2	Washer-Flat (Only On: 38053)
30	3296-2	2	Nut-Lock
37	3290-378	1	Tie-Cable
43	104-1656	2	Nut-Castle



Clutch Assembly No. 99-7104

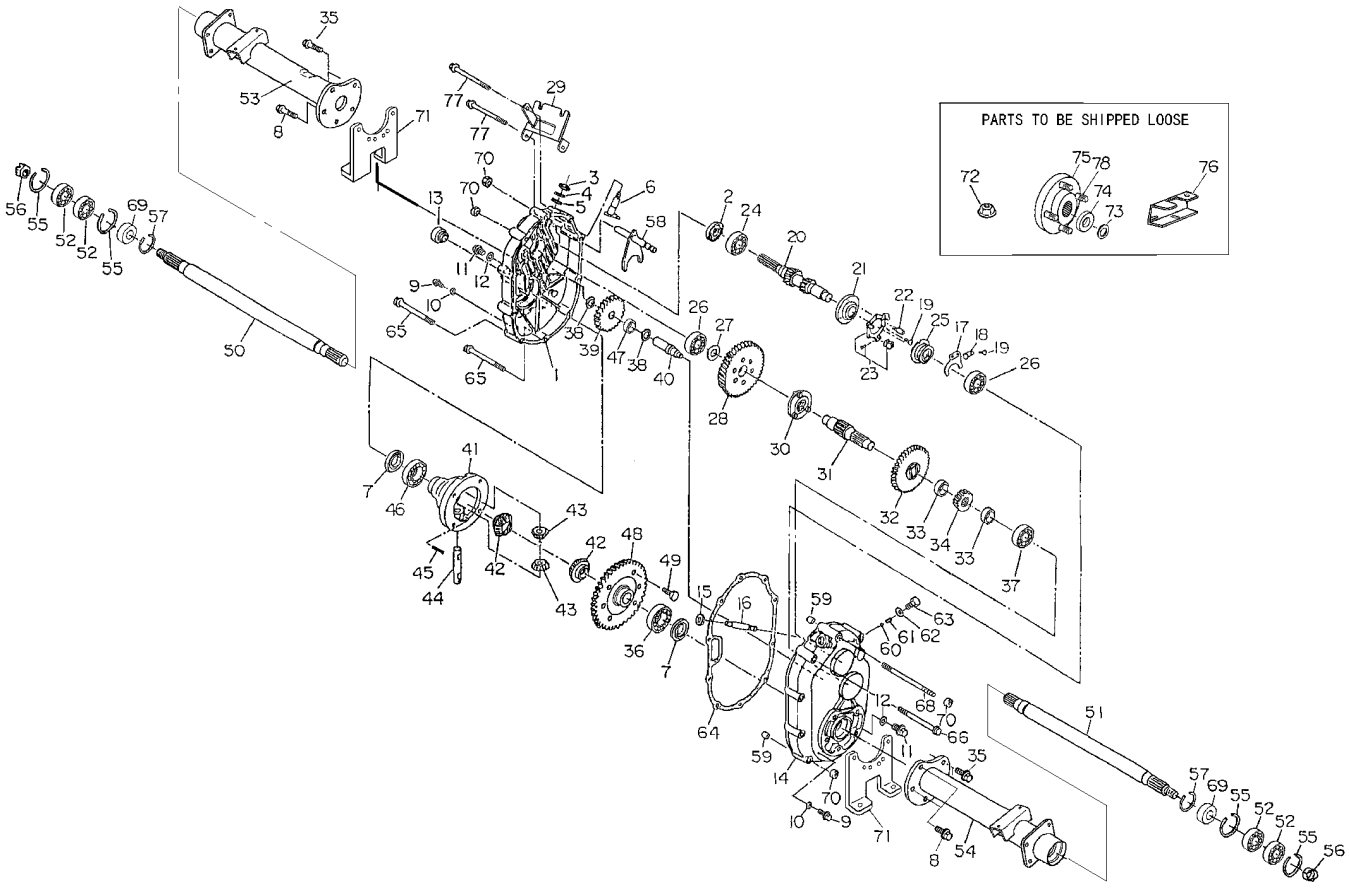
Ref	Part No.	Qty.	Description
1	104-4256	6	Pivot Bolt And Nut Kit



Transaxle Assembly No. 99-7941

Ref	Part No.	Qty.	Description
1	104-1601	1	Case-LH, Complete
2	104-1602	1	Seal-Oil
3	104-1603	1	Seal-Oil
4	104-1604	1	Ring-Snap
5	104-1605	1	Spacer
6	104-1606	1	Shaft-Selector
7	104-1607	2	Seal-Oil
8	104-1608	4	Bolt-Flange
9	104-1609	2	Plug-Check, Oil
10	104-1610	2	Gasket
11	104-1611	2	Plug-Drain, Oil
12	104-1612	2	Gasket
13	104-1613	1	Plug-Filler, Oil
14	104-1614	1	Case-Complete, RH
15	104-1615	1	Seal-Oil
16	104-1616	1	Shaft-Governor
17	104-1617	1	Fork-Governor
18	104-1618	1	Stopper
19	104-1619	4	Screw And Washer ASM
20	104-7002	1	Shaft-Input, Complete
21	104-1621	1	Base-Governor
22	104-1622	1	Pin-Lock
23	104-1623	1	Unit-Plate, Governor
24	104-1624	1	Bearing-Ball

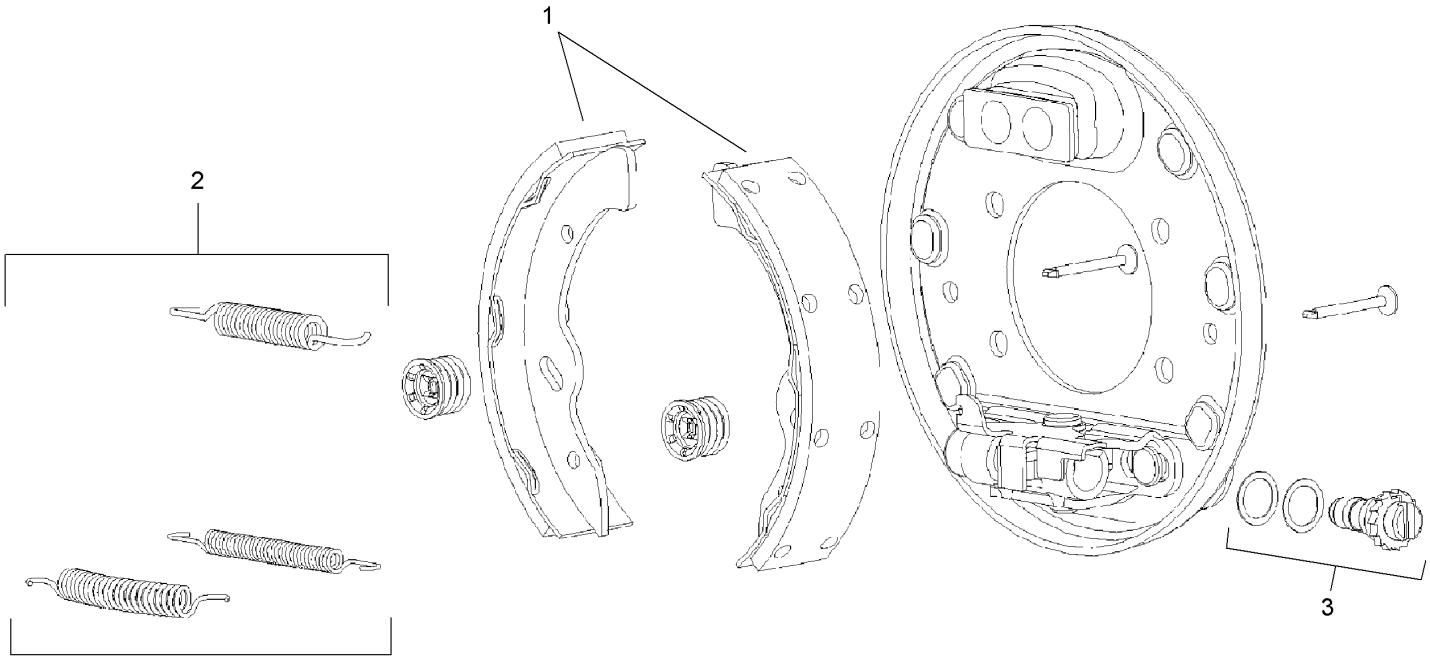
Ref	Part No.	Qty.	Description
25	104-1625	1	Sleeve-Governor
26	104-1626	2	Bearing-Ball
27	104-1627	1	Spacer
28	104-1628	1	Gear
29	104-1629	1	Bracket-Wire, Change
30	104-1630	1	Clutch-Pin
31	104-1631	1	Shaft-Center
32	104-1632	1	Gear-47
33	104-1633	2	Collar
34	104-1634	1	Gear
35	104-1635	6	Bolt-Flange
36	104-1636	1	Bearing-Ball
37	104-1637	1	Bearing-Ball
38	104-1638	2	Spacer
39	104-1639	1	Gear-34
40	104-1640	1	Shaft-Counter
41	104-1641	1	Case-Differential
42	104-1642	2	Gear-Side, Differential
43	104-1643	2	Pinion-Differential
44	104-1644	1	Shaft-Differential
45	104-1645	1	Pin
46	104-1646	1	Bearing-Ball
47	104-1647	1	Bearing-Needle
48	104-1648	1	Gear-62



Transaxle Assembly No. 99-7941 (continued)

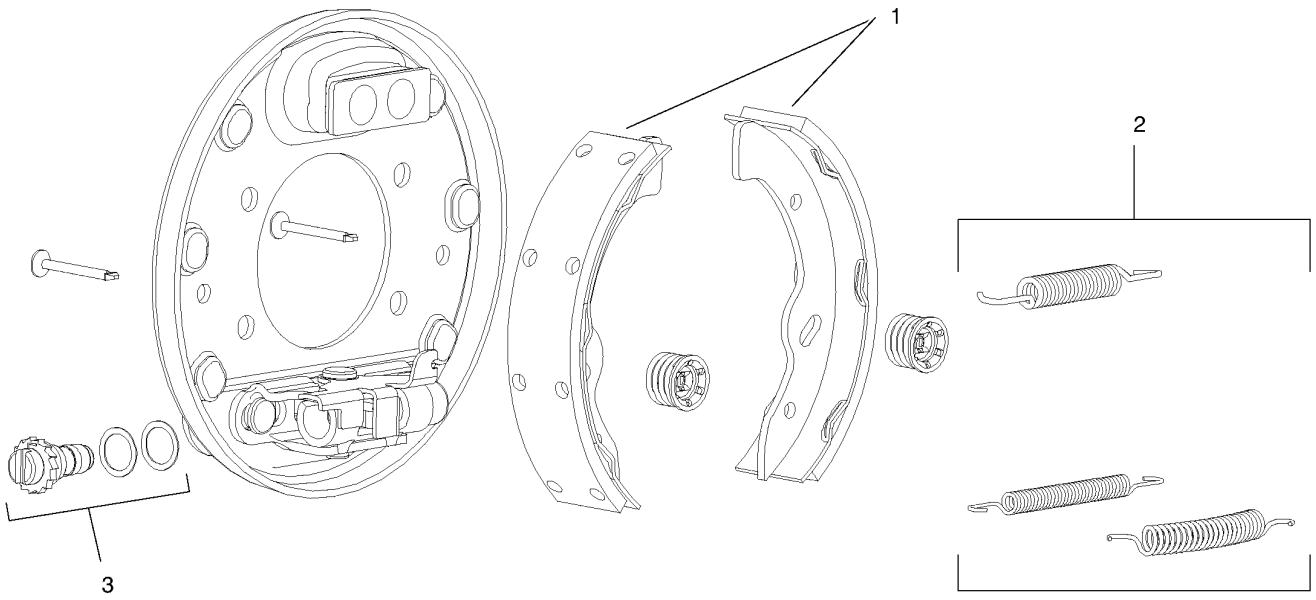
Ref	Part No.	Qty.	Description
49	104-1649	6	Bolt
50	104-1650	1	Shaft-Axle, LH
51	104-1651	1	Shaft-Axle, RH
52	104-1652	4	Bearing-Ball
53	104-1653	1	Case-Axle, LH
54	104-1654	1	Case-Axle, RH
55	104-1655	4	Ring-Snap
56	104-1656	2	Nut-Castle
57	104-1657	2	Ring-Snap
58	104-6870	1	Shaft-Shift, Complete
59	104-1659	2	Knock-Pipe
60	104-1660	1	Ball-Steel
61	104-1661	1	Spring
62	104-1662	1	Gasket
63	104-1663	1	Bolt
64	104-1664	1	Gasket
65	104-1665	6	Bolt-Flange
66	104-1666	1	Bolt-Flange
68	104-6866	1	Bolt
69	104-6867	2	Collar
70	33004-00	11	Nut-HF
71	104-1671	2	Bracket-Axle
72	104-1672	1	Nut-Lock
73	104-1673	2	Washer-Spring

Ref	Part No.	Qty.	Description
74	104-1674	2	Washer
75	104-1675	2	Hub
76	104-6860	1	Lever-Select
77	104-6869	2	Bolt-Flange
78	104-8649	10	Stud



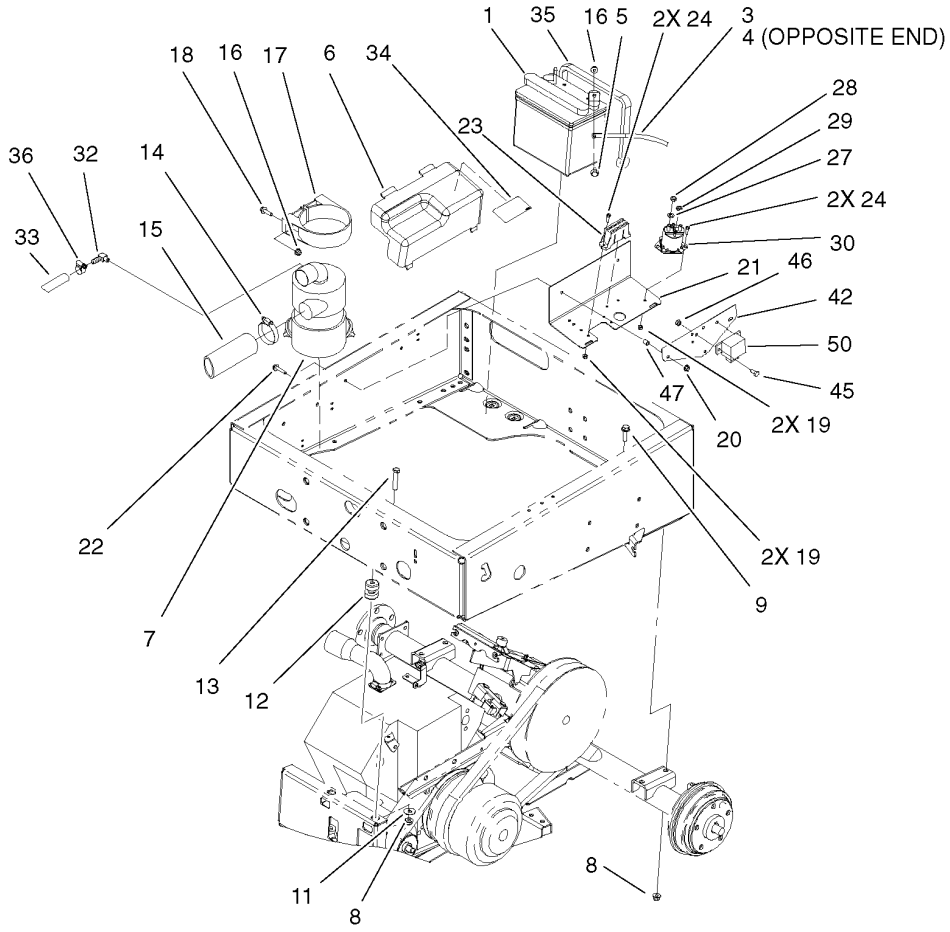
Right Hand Brake Assembly No. 99-7136

Ref	Part No.	Qty.	Description
1	104-1243	1	Shoe And Lining Kit
2	104-1244	1	Spring Kit
3	104-1246	1	RH Adjuster Kit



Left Hand Brake Assembly No. 99-7137

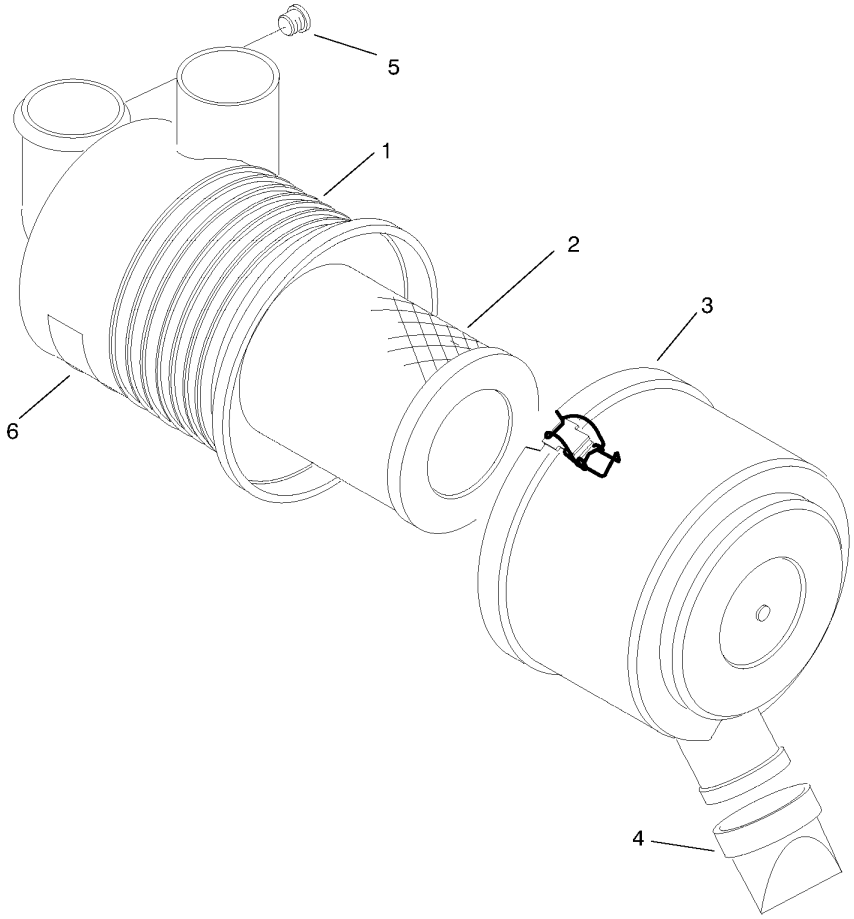
Ref	Part No.	Qty.	Description
1	104-1243	1	Shoe And Lining Kit
2	104-1244	1	Spring Kit
3	104-1245	1	LH Adjuster Kit



Drivetrain Mount Assembly

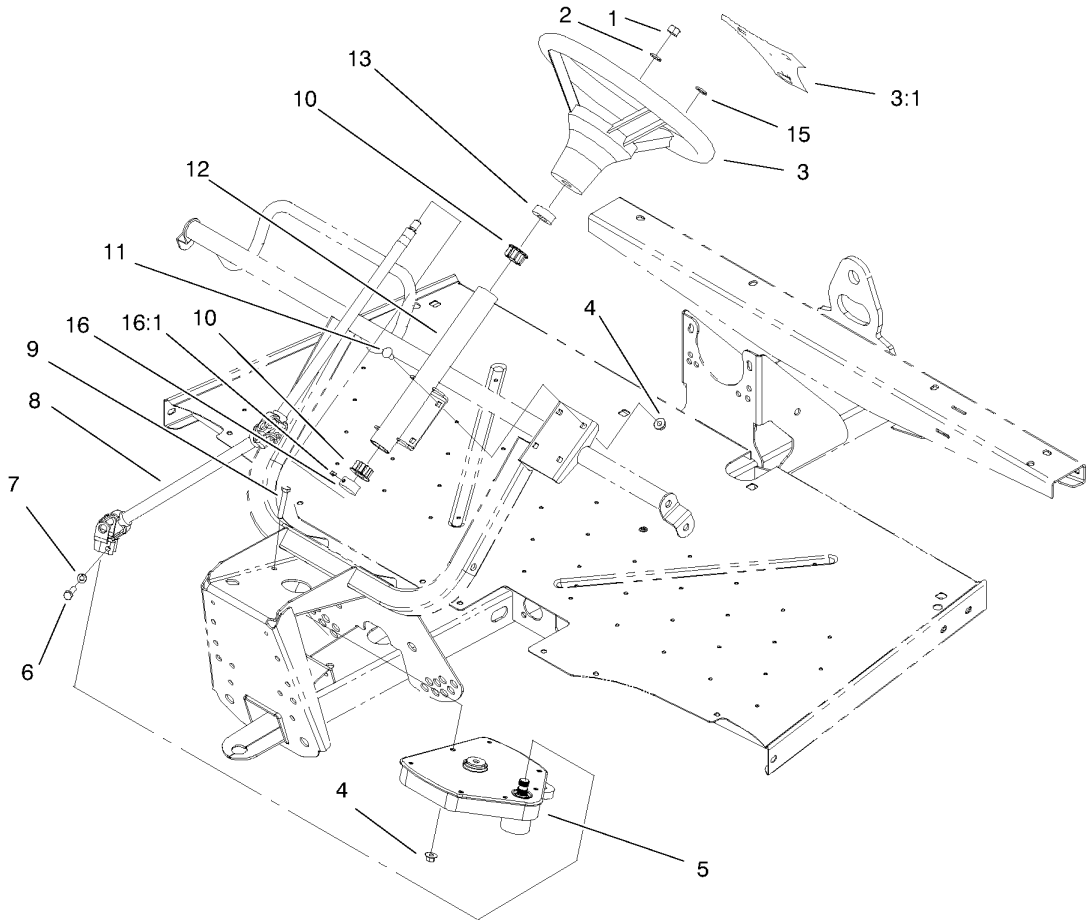
Ref	Part No.	Qty.	Description
1	99-7421	1	Battery (Wet)
3	99-7428	1	Cable-Negative
4	99-7404	1	Cable-Positive
5	3234-5	2	Screw-HHF
6	99-7325	1	Cover-Electrical
7	99-7120	1	Filter-Air
8	104-8301	6	Nut-Flange, NI
9	3234-24	4	Screw-HHF
11	3256-35	2	Washer-Flat
12	95-2596	2	Mount-Iso
13	323-10	2	Screw-HH
14	2412-130	1	Clamp-Hose
15	104-6528	1	Hose-Intake
16	104-8300	4	Nut-Flange, NI
17	95-5806	1	Bracket-Mounting
18	3234-17	2	Screw-HHF
19	3296-2	4	Nut-Lock
20	32128-32	2	Nut-HHF
21	99-7051-03	1	Mount-Component
22	3234-21	2	Screw-Cap
23	99-7439	1	Harness-Wire, Main
24	32105-13	4	Screw-SHH
27	3255-8	2	Washer-Lock
28	3218-2	2	Nut-Jam

Ref	Part No.	Qty.	Description
29	32149-8	2	Nut-Keps
30	28-4210	1	Solenoid
32	99-7230	1	Fitting-90 DEG
33	99-7842	1	Hose-Breather
34	99-7958	1	Decal-Information
35	99-7197	1	Strap-Epdm
36	2412-36	2	Clamp-Hose
42	99-7370-03	1	Bracket-Ignition
45	3234-13	2	Screw-HHF
46	3296-42	2	Nut-Lock, NI
47	68-0610	2	Spacer
50	66-8800	1	Relay



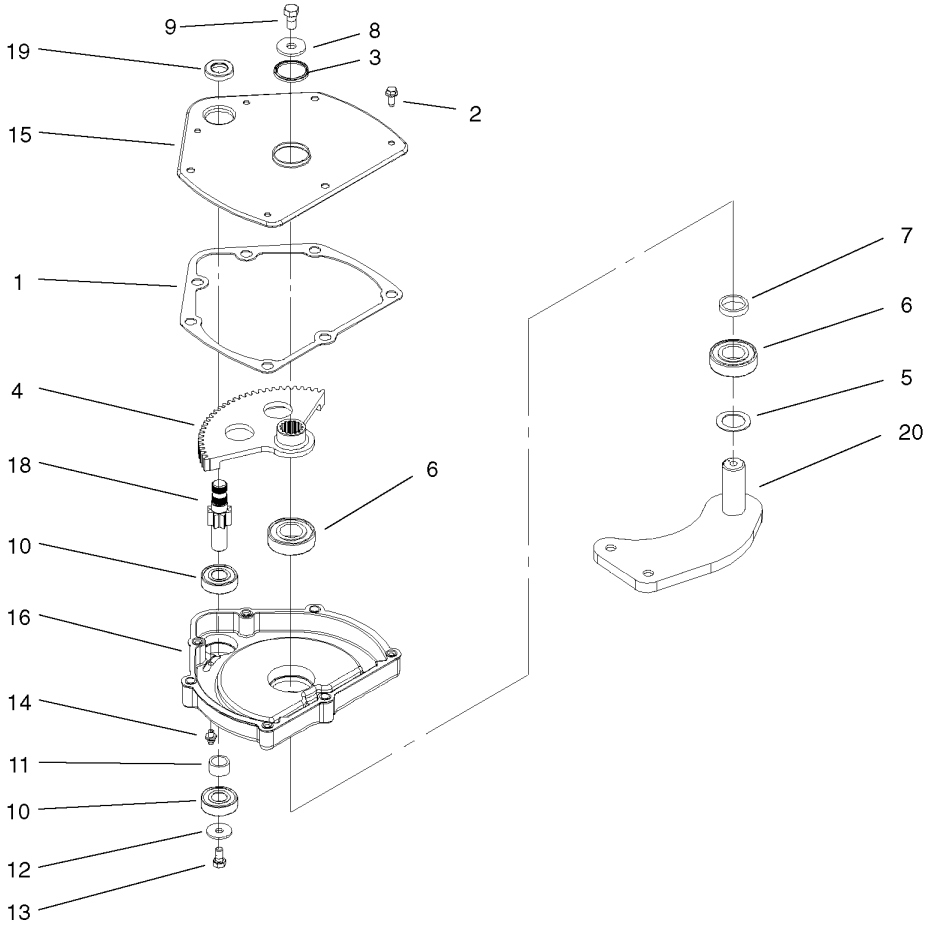
Air Cleaner Assembly No. 99-7120

Ref	Part No.	Qty.	Description
❶1		1	Body
2	93-2195	1	Filter
3	94-3652	1	Cover ASM
4	87-9400	1	Valve-Vacuator
❶5		1	Plug
❶6		1	Marking



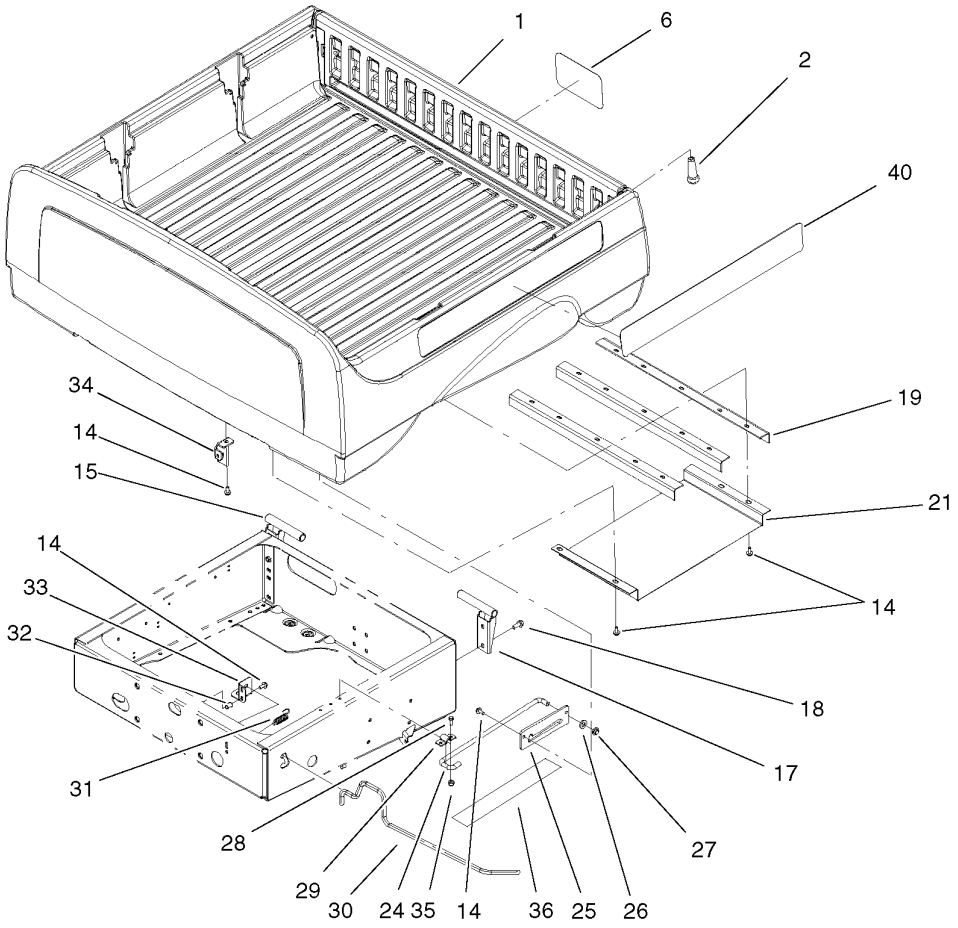
Upper Steering Assembly

Ref	Part No.	Qty.	Description
1	3277-1	1	Nut-Hex
2	48-8070	1	Washer-Lock
3	98-1471	1	Wheel-Steering
3:1	98-1468	1	Cover-Wheel, Steering
4	104-8300	7	Nut-Flange, NI
5	99-7660	1	Steering Gearbox ASM
6	48-7730	1	Screw-HH
7	3253-4	1	Washer-Lock
8	99-7653	1	Shaft-Steering
9	322-10	3	Screw-HH
10	93-1146	2	Bushing-Upper, Steering
11	3230-1	4	Bolt-CARR
12	99-7651-03	1	Column-Steering
13	21-9260	1	Cover-Dust
15	98-1459	1	Decal
16	111383	1	Collar
16:1	3245-32	1	Screw-HSH



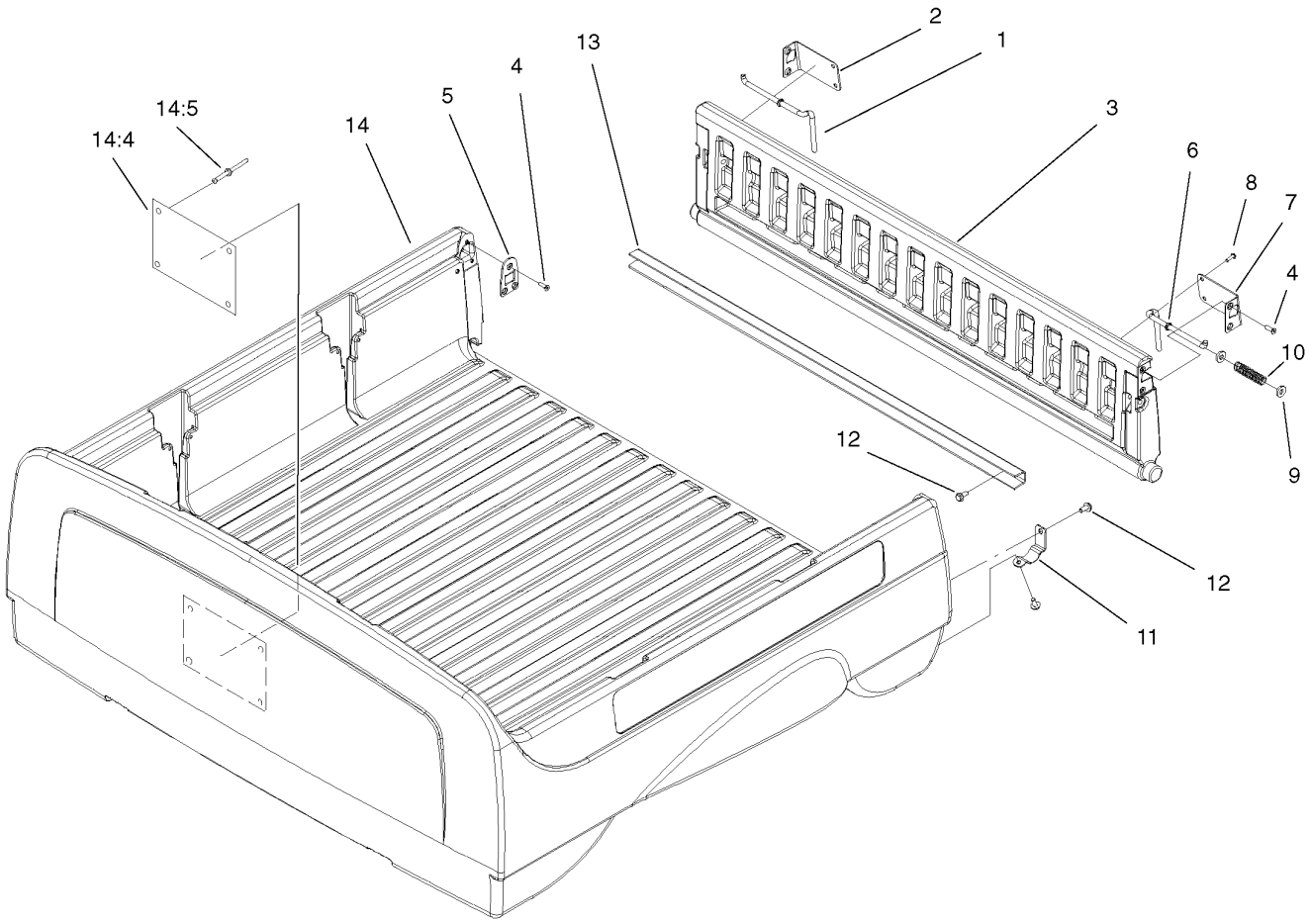
Steering Gearbox Assembly No. 99-7660

Ref	Part No.	Qty.	Description
1	94-2135	1	Gasket
2	32144-10	4	Screw-HWH
3	103118	1	Seal
4	99-7843	1	Sector-Gear
5	3256-42	1	Washer-Flat
6	251-82	2	Bearing-Ball
7	94-2218	1	Spacer-Shaft, Output
8	2844	1	Washer
9	98-3052	1	Screw-Locking, Thread
10	38-7820	2	Bearing-Ball
11	94-2217	1	Spacer-Shaft, Input
12	1-613235	1	Washer
13	98-3498	1	Screw-HH
14	302-5	1	Fitting-Grease
15	99-7656-03	1	Cover-Housing, Steering
16	99-7658	1	Housing-Steering
18	99-7650	1	Gear-Pinion
19	99-7657	1	Seal-Oil
20	99-7601-03	1	Arm-Pitman



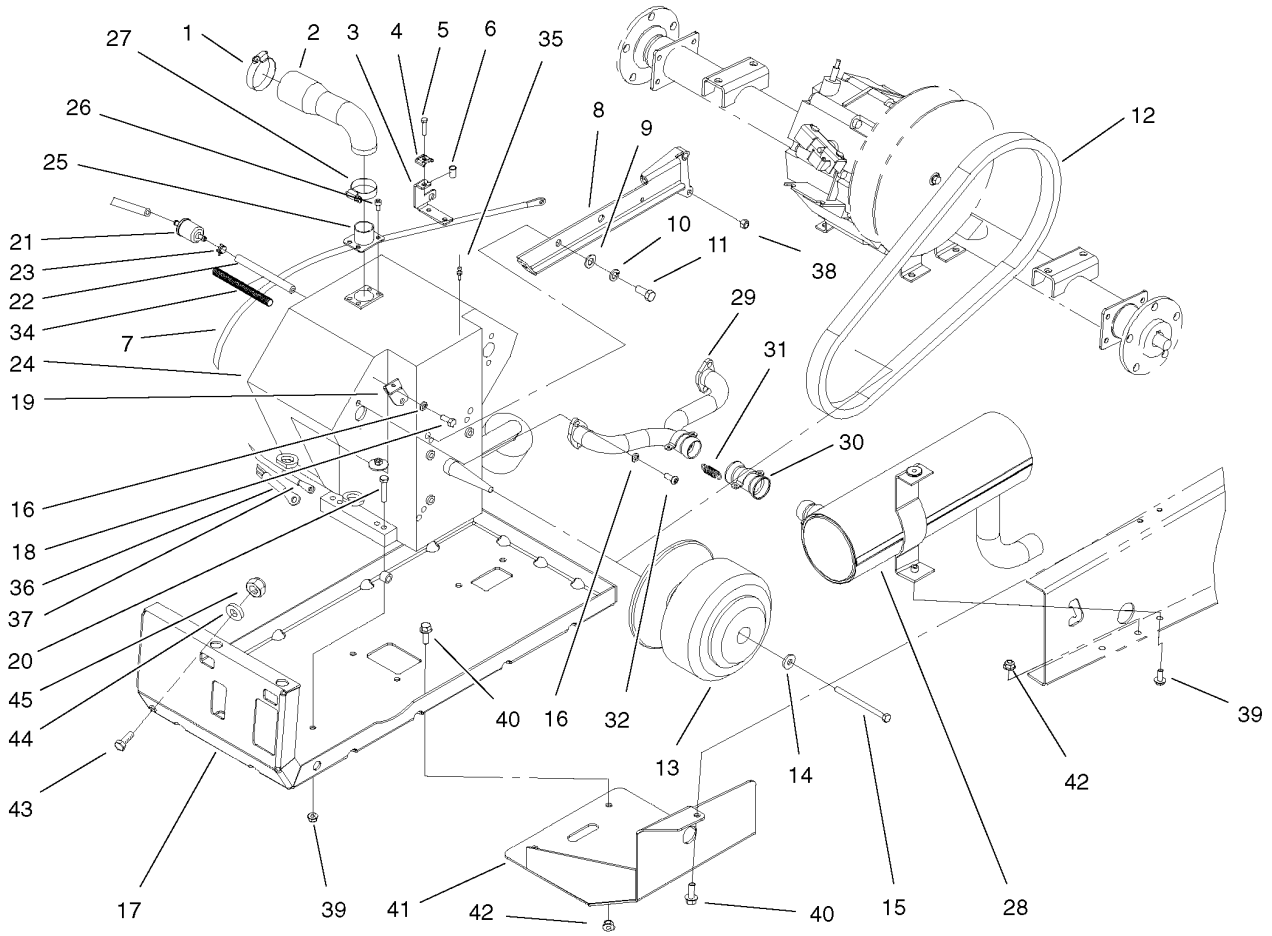
Box and Tailgate Assembly

Ref	Part No.	Qty.	Description
❶1		1	Box And Tailgate ASM
2	99-7984	2	Knob-Soft Grip, Push-On
6	99-7337	1	Decal-Tailgate, Toro
14	3234-5	18	Screw-HHF
15	99-7309-03	1	RH Pivot Bracket ASM
17	99-7308-03	1	LH Pivot Bracket ASM
18	3234-11	4	Screw-HHF
19	99-7864-03	3	Brace-Box
21	99-7870	1	Shield-Heat
24	99-7895	1	Rod-Prop
25	99-7894	1	Bracket-Rod, Prop
26	3256-26	1	Washer-Flat
27	32112-14	1	Nut-Push
28	3234-17	2	Screw-HHF
29	99-7896	1	Bracket-U, Prop Rod
30	99-7745	1	Rod-Latch
31	5-7290	1	Spring-Tension
32	32148-7	2	Nut-Insert
33	99-7744-03	1	Bracket-Latch
34	99-7742-03	1	Hook-Latch, RH
35	104-8300	1	Nut-Flange, NI
36	104-6859	1	Shield-Heat
40	99-7953	2	Decal-Twister



Tailgate Assembly

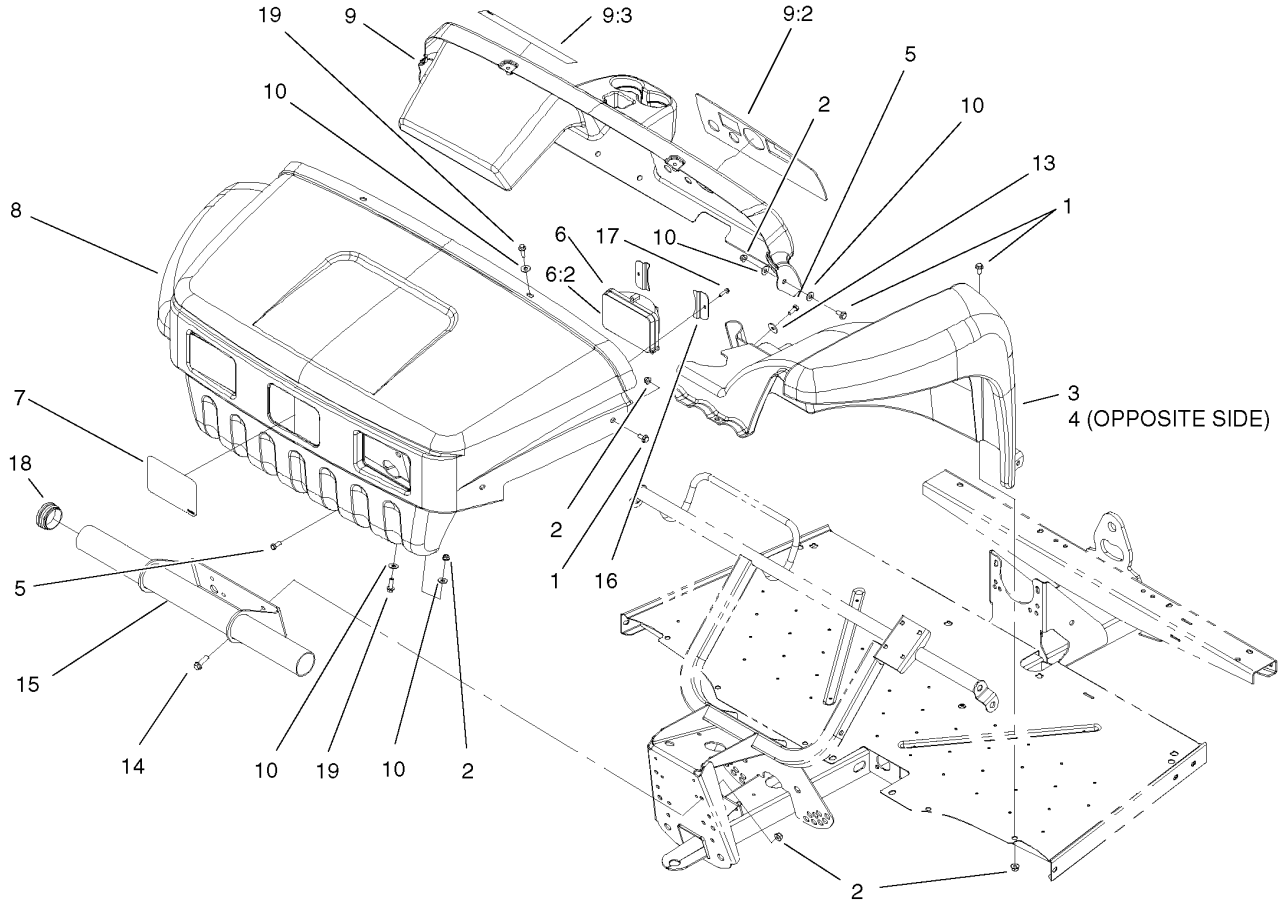
Ref	Part No.	Qty.	Description
1	99-7860	1	Rod-Latch, Right
2	99-7858	1	Bracket-Tailgate Latch, Right
3	99-7893	1	Tailgate ASM
4	99-7334	10	Screw
5	99-7852	2	Plate-Striker
6	99-7859	1	Rod-Latch, Left
7	99-7857	1	Bracket-Tailgate Latch, Left
8	99-7335	4	Screw
9	99-7861	4	Washer-Latch
10	61-8880	2	Spring
11	99-7286	2	Bracket-Pivot, Tailgate
12	3234-5	10	Screw-HHF
13	99-7867	1	Channel-Tailgate
14	99-7891	1	Box ASM
14:4	99-7954	1	Decal-No Riders
14:5	3290-415	4	Rivet



Engine and Clutch Assembly

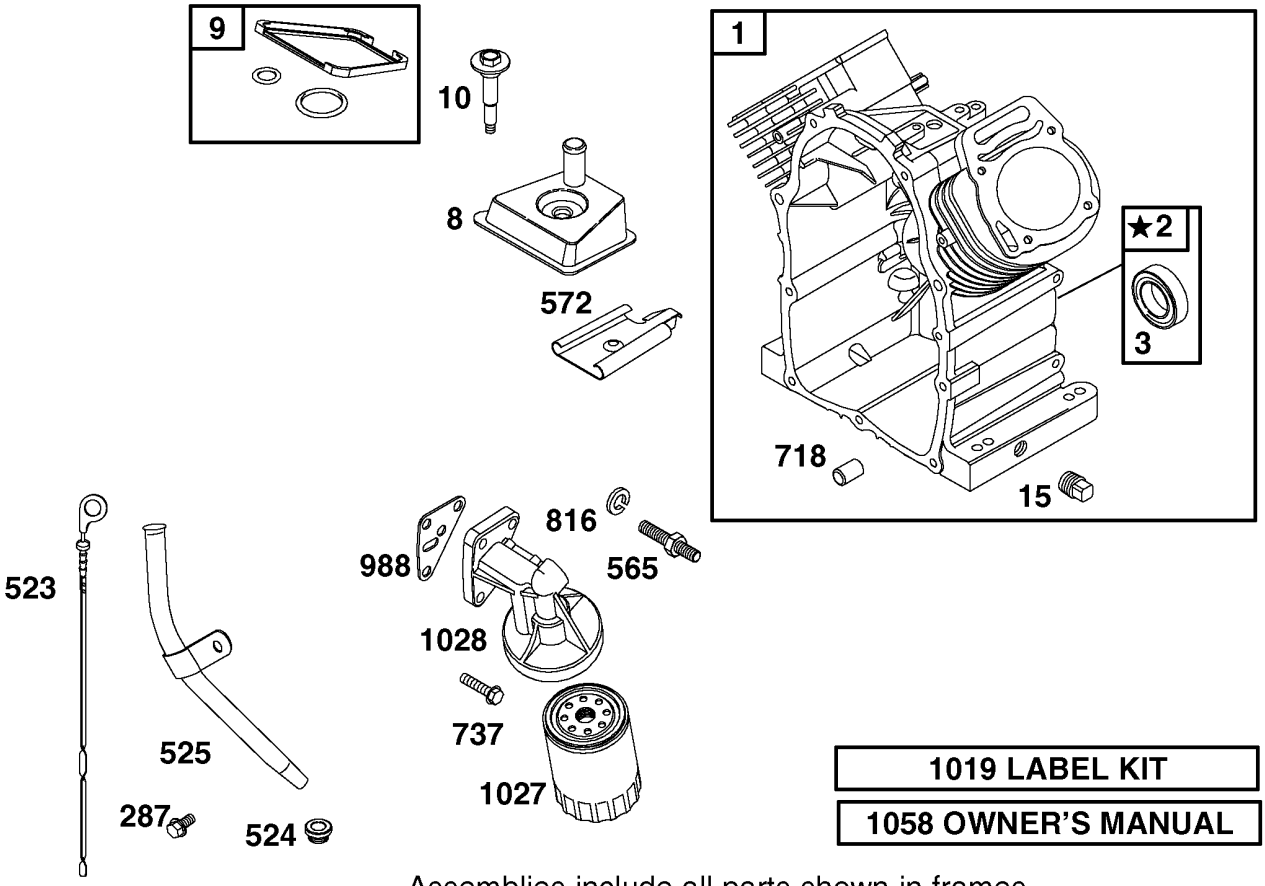
Ref	Part No.	Qty.	Description
1	2412-130	1	Clamp-Hose
2	99-7106	1	Hose-Intake
3	99-7097	1	Bracket-Cable
4	81-1690	1	Clamp-Cable
5	3290-432	1	Screw-HH
6	32148-14	1	Insert-Threaded
7	99-7942	1	Cable-Throttle
8	99-7127-03	1	Arm-Torque
9	3256-25	2	Washer-Flat
10	3253-6	2	Washer-Lock
11	324-4	2	Screw-HH
12	99-7144	1	Belt-Drive
13	99-7939	1	Clutch-Drive
14	5-0838	1	Washer
15	99-7201	1	Screw-HH
16	3253-4	6	Washer-Lock
17	104-6433-03	1	Mount-Engine
18	66-3160	2	Screw-Cap
19	99-7119	1	Bracket-Tie, Cable
20	322-8	4	Screw-HH
21	94-2690	1	Filter-Fuel
22	47-2966	1	Hose-Fuel
23	2412-98	3	Clamp

Ref	Part No.	Qty.	Description
24	104-6649	1	Engine-Briggs & Stratton, 303447-1319-E1
25	99-7083	1	Bracket-Intake
26	99-7202	4	Screw
27	2412-3	1	Clamp-Hose
28	104-6475	1	Muffler-Engine
29	104-6476	1	Manifold-Engine
30	104-6477	1	Coupler-Exhaust
31	104-6478	4	Spring-Coupler, Exhaust
32	3274-96	4	Screw
34	99-7377	1	Conduit-Line, Fuel
35	99-7847	1	Ball-Stud
36	99-7426	1	Harness-Wire, Engine
37	28-3894	1	Positive Red Wire ASM
38	33024-00	2	Nut-Lock
39	104-8300	5	Nut-Flange, NI
40	3234-11	3	Screw-HHF
41	104-6408-03	1	Clutch Guard ASM
42	104-8301	3	Nut-Flange, NI
43	321-4	1	Screw-HH
44	3255-8	1	Washer-Lock
45	32128-32	1	Nut-HHF



Hood and Fender Assembly

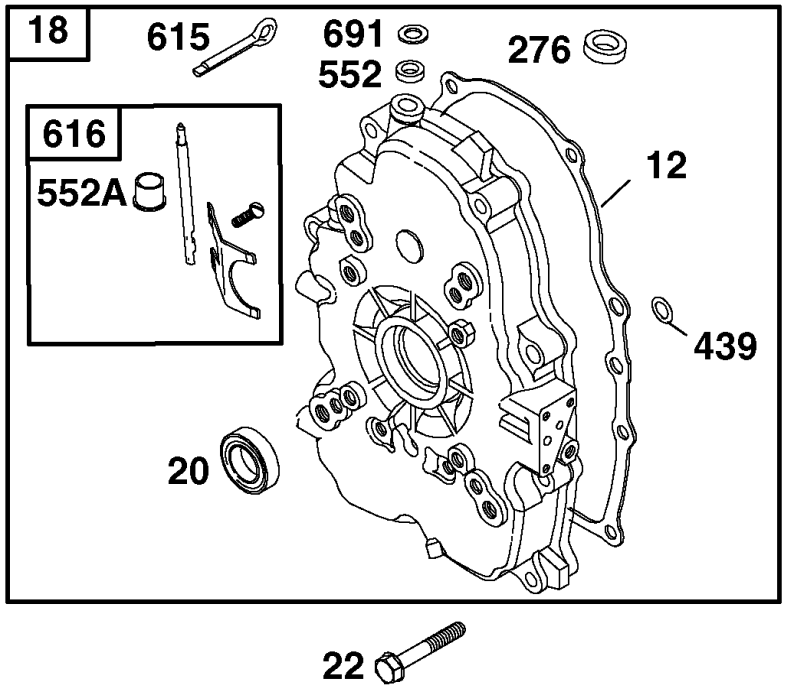
Ref	Part No.	Qty.	Description
1	3234-5	13	Screw-HHF
2	104-8300	16	Nut-Flange, NI
3	99-7383	1	Fender ASM-LH
4	99-7384	1	Fender ASM-RH
5	32104-32	4	Screw-HWH
6	87-2120	2	Headlight
6:1	95-0909	1	Lamp-12 Volt
6:2	87-6330	1	Lens-Headlight
7	62-5550	1	Decal
8	99-7379	1	Hood ASM
9	99-7385	1	Dash ASM
9:2	99-7951	1	Decal-Warning, Dash
9:3	99-7344	1	Decal-Danger
10	3256-3	12	Washer-Flat
14	32144-67	4	Screw
15	99-7840-03	1	Bumper-Tube
16	99-7947	4	Bracket-Headlight
17	99-7331	4	Screw-HWH
18	2410-42	2	Cap-End
19	3234-17	6	Screw-HHF



Assemblies include all parts shown in frames.

Cylinder, Oil Filter and Dipstick Assembly

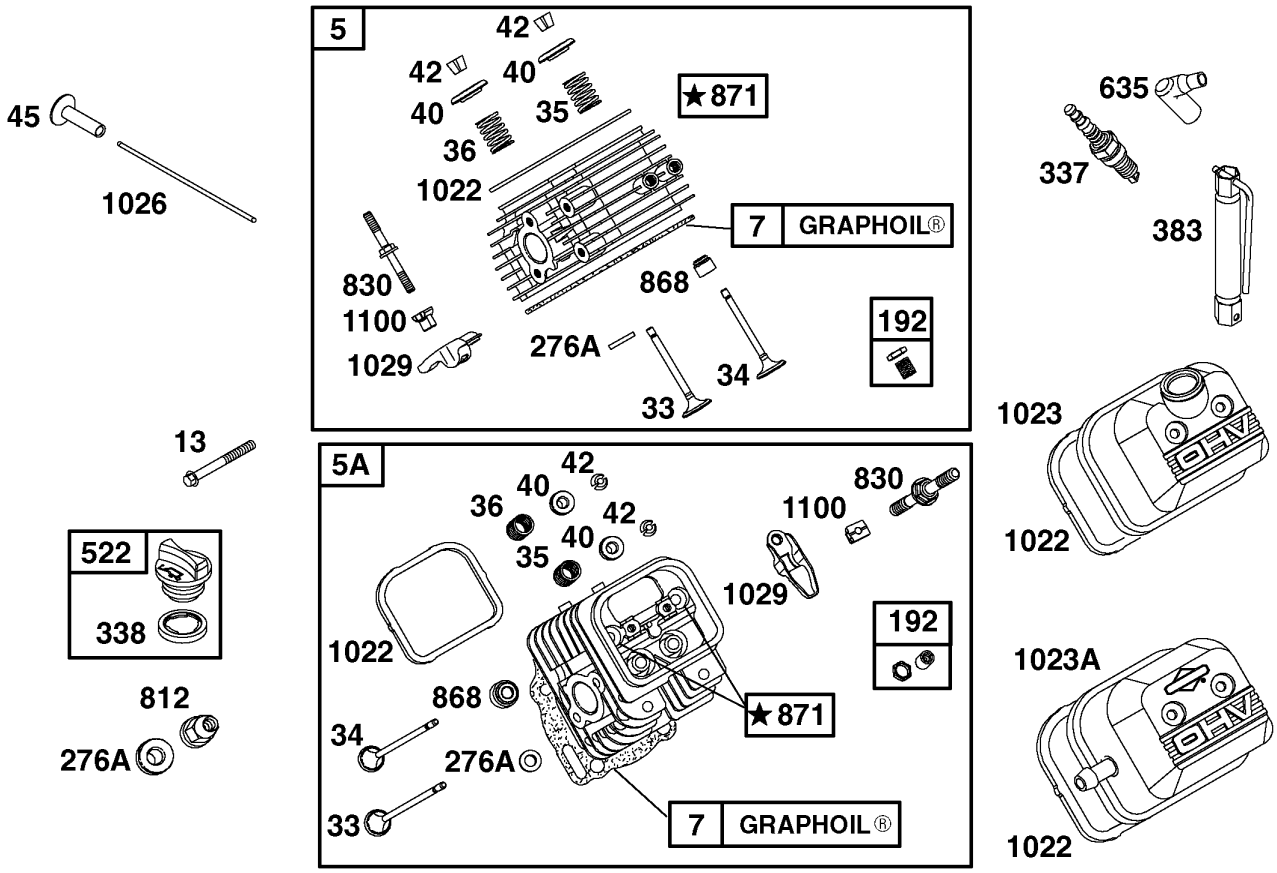
Ref	Part No.	Qty.	Description
1	692178	1	Cylinder ASM
2	808534	1	Bushing / Seal Kit
❷3	805101	1	Seal-Oil
8	808984	1	Breather ASM
❷9	807893	1	Breather Gasket
10	690751	1	Screw
15	690946	1	Plug-Drain, Oil
287	692062	1	Screw
523	693175	1	Dipstick
❷524	693172	1	Seal-Tube, Dipstick
525	693173	1	Tube-Dipstick
565	690682	1	Stud
572	690686	1	Baffle-Breather
718	690684	1	Pin-Locating
737	690679	1	Screw
816	690706	1	Washer
❷988	692063	1	Gasket-Adapter, Oil Filter
1019	808036	1	Label Kit
1027	492932	1	Filter-Oil
1028	808235	1	Adapter-Filter, Oil
1058	274790	1	Owner-S Manual(Emission Engines)



Assemblies include all parts shown in frames.

Crankcase Assembly

Ref	Part No.	Qty.	Description
❷12	691684	1	Gasket-Crankcase
18	808847	1	Cover-Crankcase
❷20	805049	1	Seal-Oil
22	692540	1	Screw
276	690704	1	Washer-Sealing
❷439	692154	1	Seal-O Ring
552	690701	1	Bushing-Crank, Governor
552A	806686	1	Bushing-Crank, Governor
615	691550	1	Retainer-Shaft, Governor
616	806685	1	Crank-Governor
❷691	690680	1	Seal-Shaft, Governor

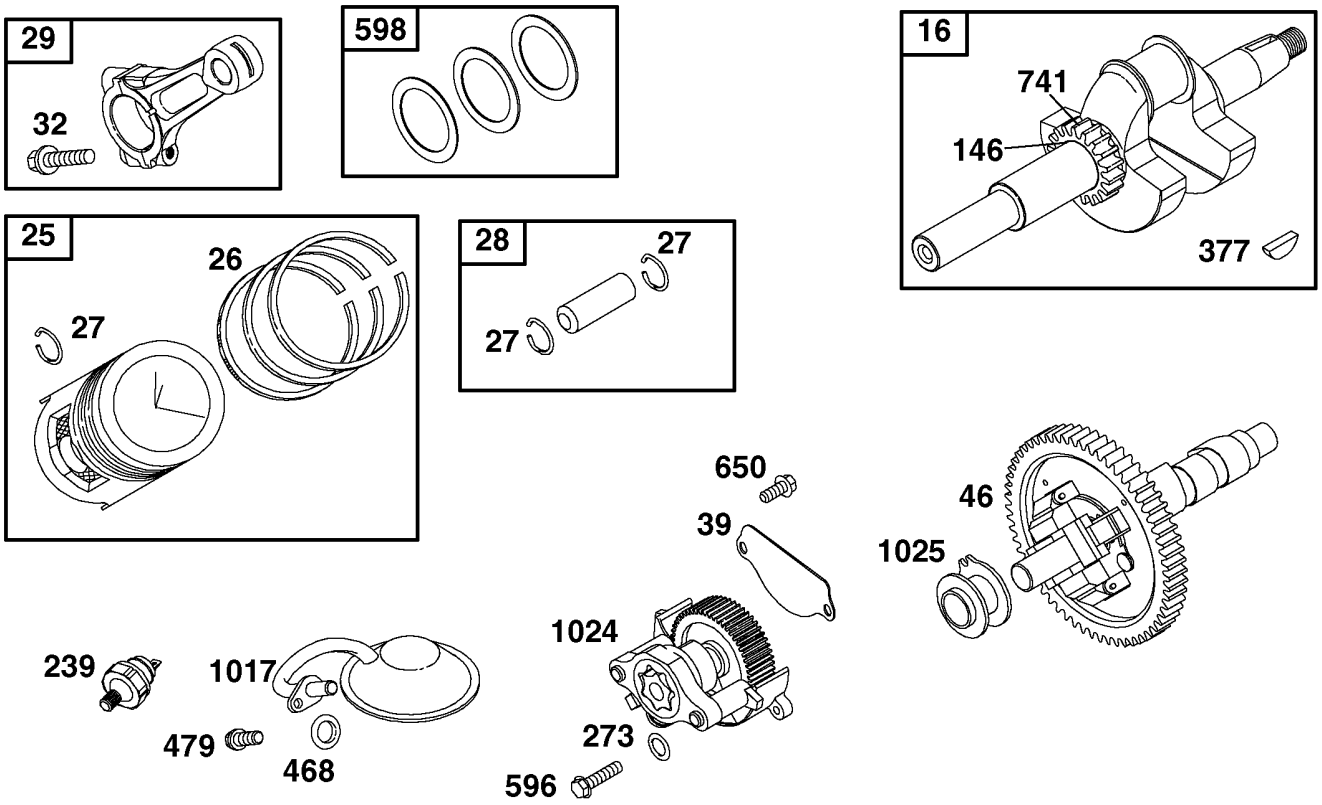


Assemblies include all parts shown in frames.

Cylinder Head and Cover Assembly

Ref	Part No.	Qty.	Description
5	808381	1	Head-Cylinder (Cylinder No. 1)
5A	808382	1	Head-Cylinder (Cylinder No. 2)
❷❸7	806085	1	Gasket-Head, Cylinder
13	692059	1	Screw
33	807681	1	Valve-Exhaust
34	807680	1	Valve-Intake
35	692084	1	Spring-Valve
36	692084	1	Spring-Valve
40	692058	1	Retainer-Valve
42	807683	1	Keeper-Valve
45	690977	1	Valve-Tappet
192	807623	1	Adjuster-Arm, Rocker
❷❸276A	691766	1	Washer-Sealing
337	491055	1	Plug-Spark
❷❸338	691312	1	Gasket-Dipstick
383	19374	1	Wrench-Spark Plug
522	491832	1	Plug-Dipstick / Fill
635	692076	1	Boot-Spark Plug
812	692055	1	Nut
830	691544	1	Stud-Rocker Arm
❷❸868	691963	1	Seal-Valve
871	692057	1	Bushing-Guide, Valve
❷❸1022	806039	1	Gasket-Cover, Rocker
1023	690758	1	Cover-Valve

Ref	Part No.	Qty.	Description
1023A	691558	1	Cover-Valve
1026	691836	1	Rod-Push
	691758	1	Rod-Push
1029	691543	1	Arm-Rocker
1100	690973	1	Pivot-Arm, Rocker

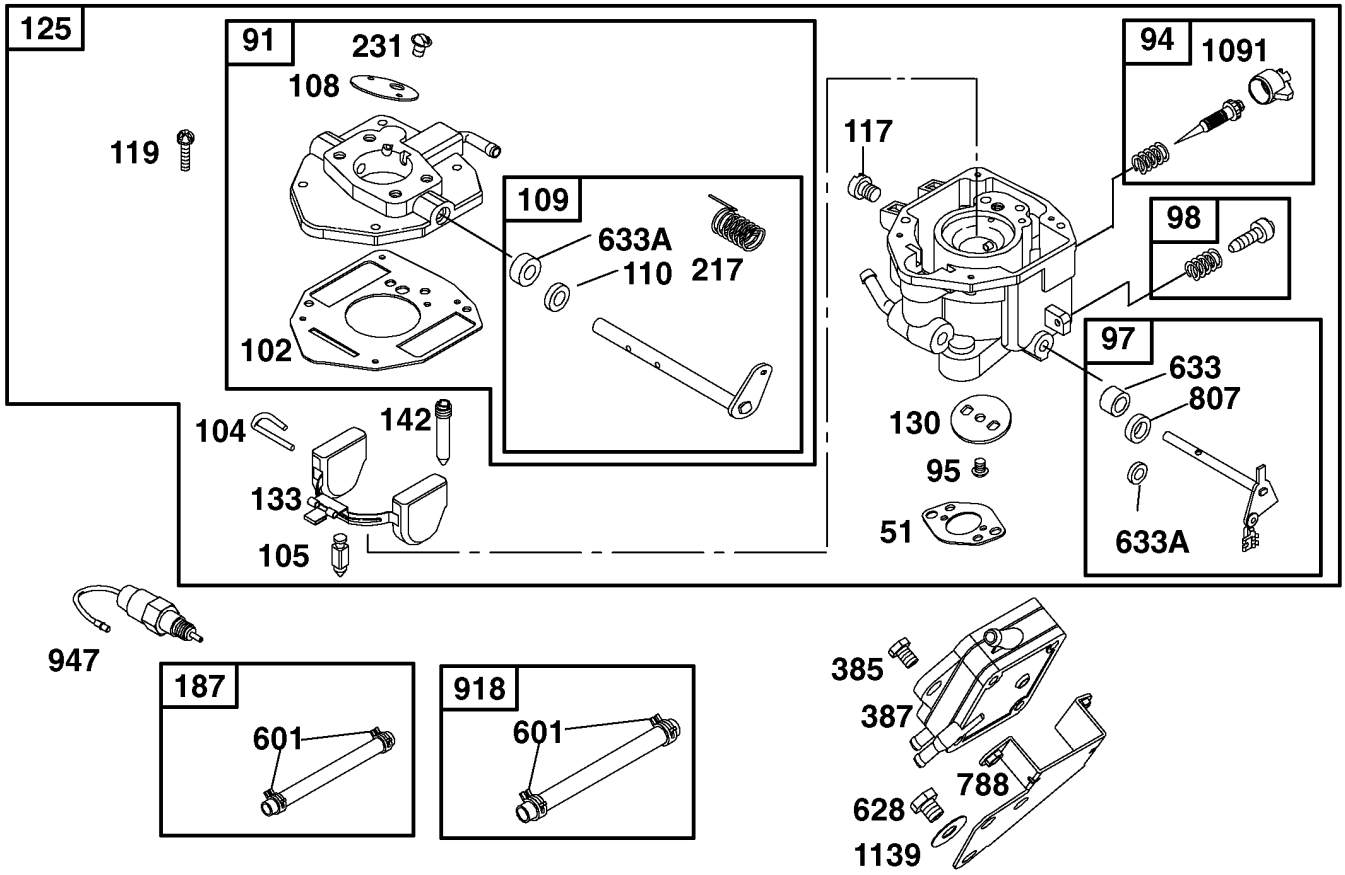


Assemblies include all parts shown in frames.

Crankshaft, Piston and Oil Pump Assembly

Ref	Part No.	Qty.	Description
16	692163	1	Crankshaft
25	807619	1	Piston ASM (Standard)
	807807	1	Piston ASM (.010 Oversize)
	807809	1	Piston ASM (.020 Oversize)
	807811	1	Piston ASM (.030 Oversize)
26	807620	1	Ring Set (Standard)
	807808	1	Ring Set (.010 Oversize)
	807810	1	Ring Set (.020 Oversize)
	807812	1	Ring Set (.030 Oversize)
27	690683	1	Lock-Pin, Piston
28	807621	1	Pin-Piston
29	807900	1	Rod-Connecting (Standard)
	807809	1	Piston ASM (.020 Oversize)
32	690698	1	Screw
39	690745	1	Deflector-Oil
46	691557	1	Camshaft
146	691639	1	Key-Timing
239	690233	1	Switch-Pressure, Oil
❷273	690681	1	Seal-O Ring
377	808095	1	Key-Woodruff
❷468	690690	1	Seal-O Ring
479	692537	1	Screw
596	691492	1	Screw
598	807625	1	Shim-Play, End

Ref	Part No.	Qty.	Description
650	692539	1	Screw
741	691530	1	Gear-Timing
1017	690900	1	Screen-Pump, Oil
1024	693185	1	Pump-Oil
1025	690689	1	Spool-Governor

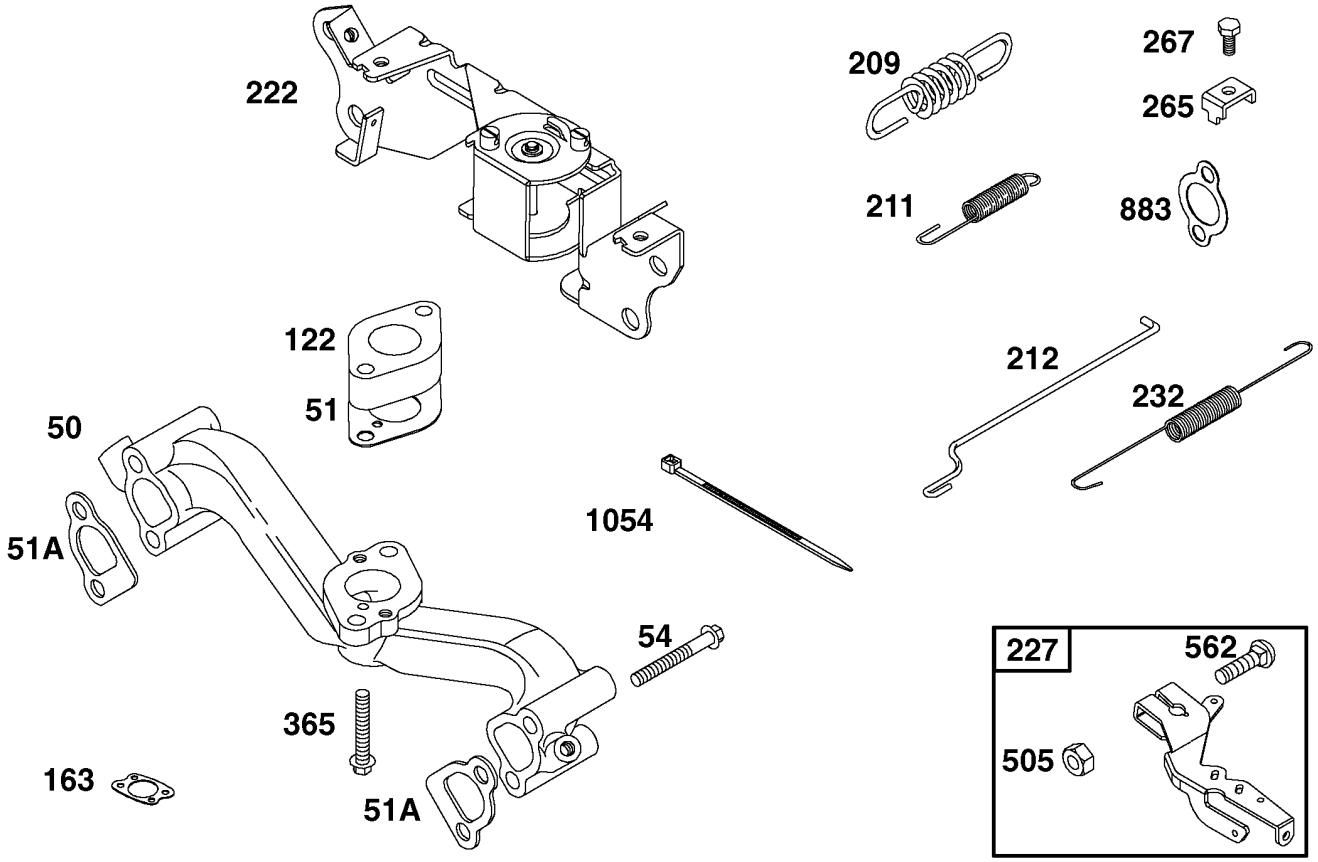


Assemblies include all parts shown in frames.

Carburetor and Fuel Pump Assembly

Ref	Part No.	Qty.	Description
❷❹51	691694	1	Gasket-Intake
91	808964	1	Body-Carburetor, Upper
❹94	808257	1	Idle Mixture Kit
95	690718	1	Screw
97	809007	1	Shaft-Throttle
98	808177	1	Screw
❹102	692077	1	Gasket-Body, Carburetor
❹104	690723	1	Pin-Hinge, Float
❹105	692078	1	Valve-Needle, Float
108	690719	1	Valve-Choke
109	809062	1	Shaft-Choke
110	806861	1	Washer
117	806986	1	Jet-Main
119	690720	1	Screw
125	809092	1	Carburetor
130	690726	1	Valve-Throttle
133	806961	1	Float-Carburetor
142	806987	1	Nozzle-Carburetor
187	691050	1	Line-Fuel (Cut To Required Length)
217	806862	1	Spring-Return, Choke
231	690718	1	Screw
385	693169	1	Screw
387	808656	1	Pump-Fuel

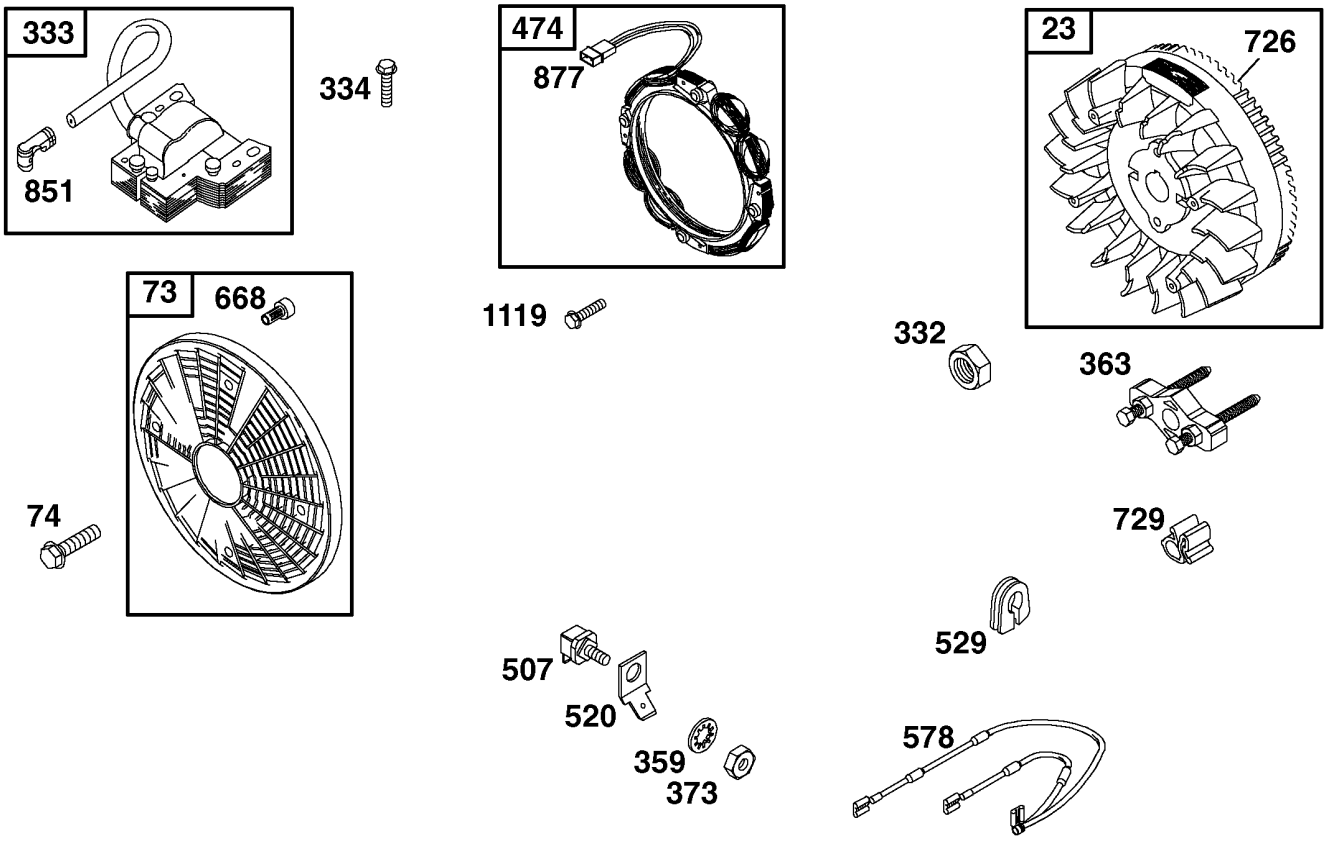
Ref	Part No.	Qty.	Description
601	691038	1	Clamp-Hose
628	806660	1	Screw
❹633	806131	1	Seal-Shaft, Choke / Throttle
❹633A	690722	1	Seal-Shaft, Choke / Throttle
788	691559	1	Bracket-Pump, Fuel
❹807	805557	1	Collar-Throttle
918	393815	1	Line-Vacuum
947	692094	1	Solenoid-Fuel
❹1091	691516	1	Cap-Limiter
1139	806497	1	Washer



Assemblies include all parts shown in frames.

Manifold Intake and Governor Control Assembly

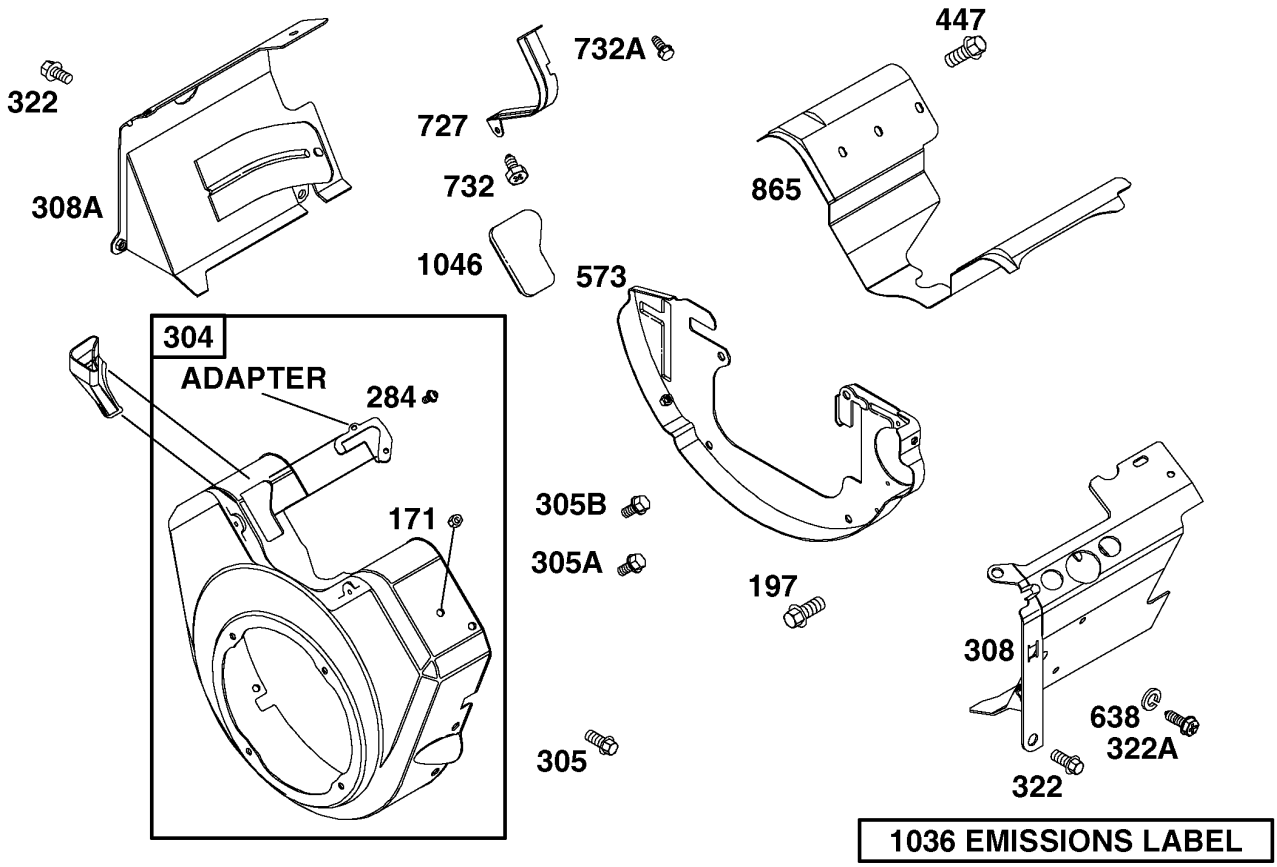
Ref	Part No.	Qty.	Description
50	690754	1	Manifold-Intake
❷❹51	691694	1	Gasket-Intake
❷❸51A	692035	1	Gasket-Intake
54	690676	1	Screw
122	690691	1	Spacer-Carburetor
❷163	692081	1	Gasket-Cleaner, Air
209	691507	1	Spring-Governor
211	691553	1	Spring-Governed Idle
212	690712	1	Link-Throttle
222	691570	1	Bracket-Control
227	690236	1	Lever-Control, Governor
232	692073	1	Spring-Link, Governor
265	691024	1	Clamp-Casing
267	692083	1	Screw
505	690238	1	Nut
562	690239	1	Bolt
❷❸883	691613	1	Gasket-Exhaust
1054	280275	1	Tie-Cable



Assemblies include all parts shown in frames.

Alternator Assembly

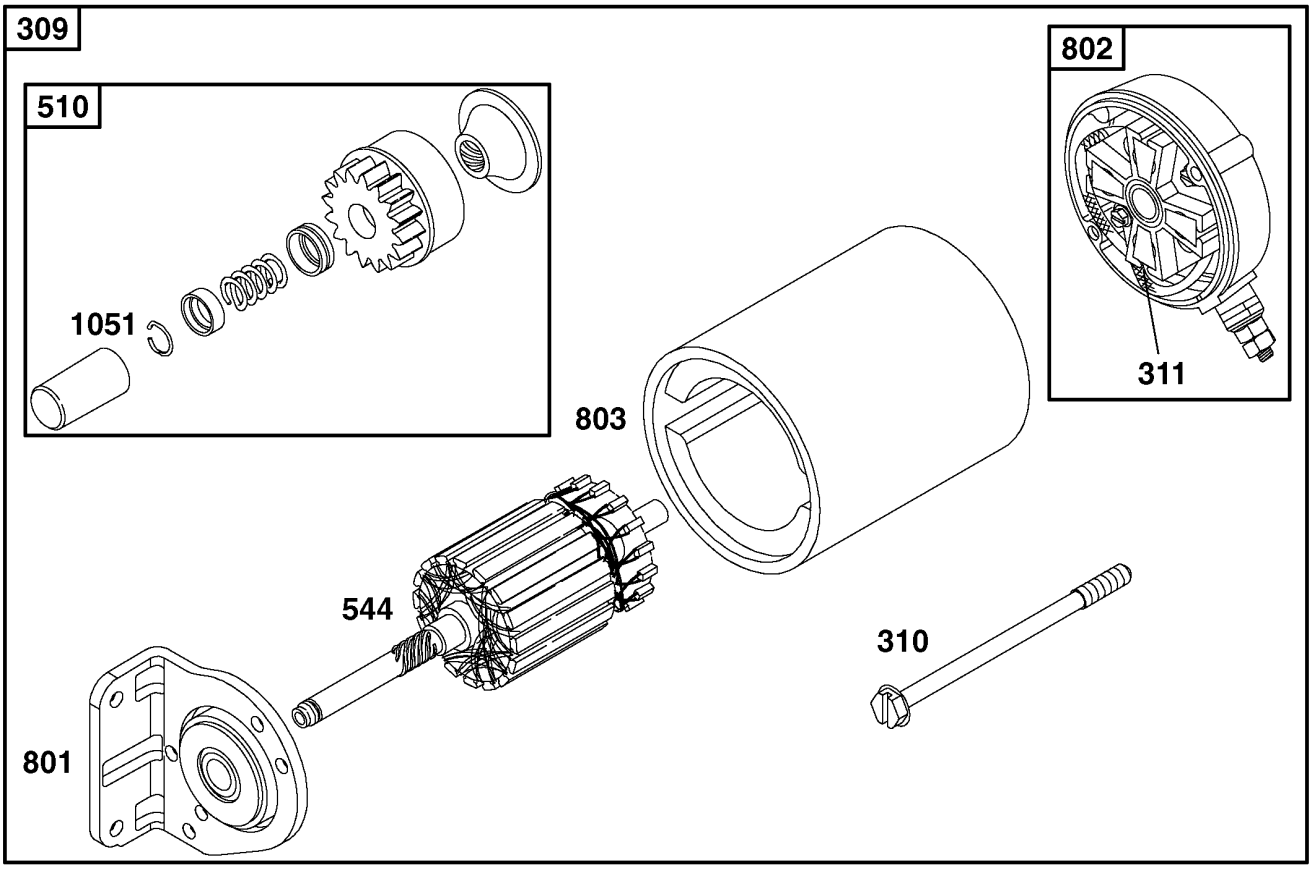
Ref	Part No.	Qty.	Description
23	808766	1	Flywheel
73	494439	1	Screen-Rotating
74	691647	1	Screw
171	810056	1	Nut
284	93410	1	Screw
332	690887	1	Nut
333	492341	1	Armature-Magneto
334	692066	1	Screw
359	691077	1	Washer
363	19203	1	Puller-Flywheel
373	691612	1	Nut
474	691064	1	Alternator
507	691972	1	Insulator
520	691084	1	Terminal-Ground
529	690744	1	Grommet
578	692319	1	Wire ASM
668	691500	1	Spacer
726		1	Gear-Ring (See Reference 23 For Service)
729	690586	1	Clip-Wire
851	493880	1	Terminal-Spark Plug
877	399916	1	Wire/Connector-Alternator
1119	691552	1	Screw



Assemblies include all parts shown in frames.

Blower Housing and Cover Assembly

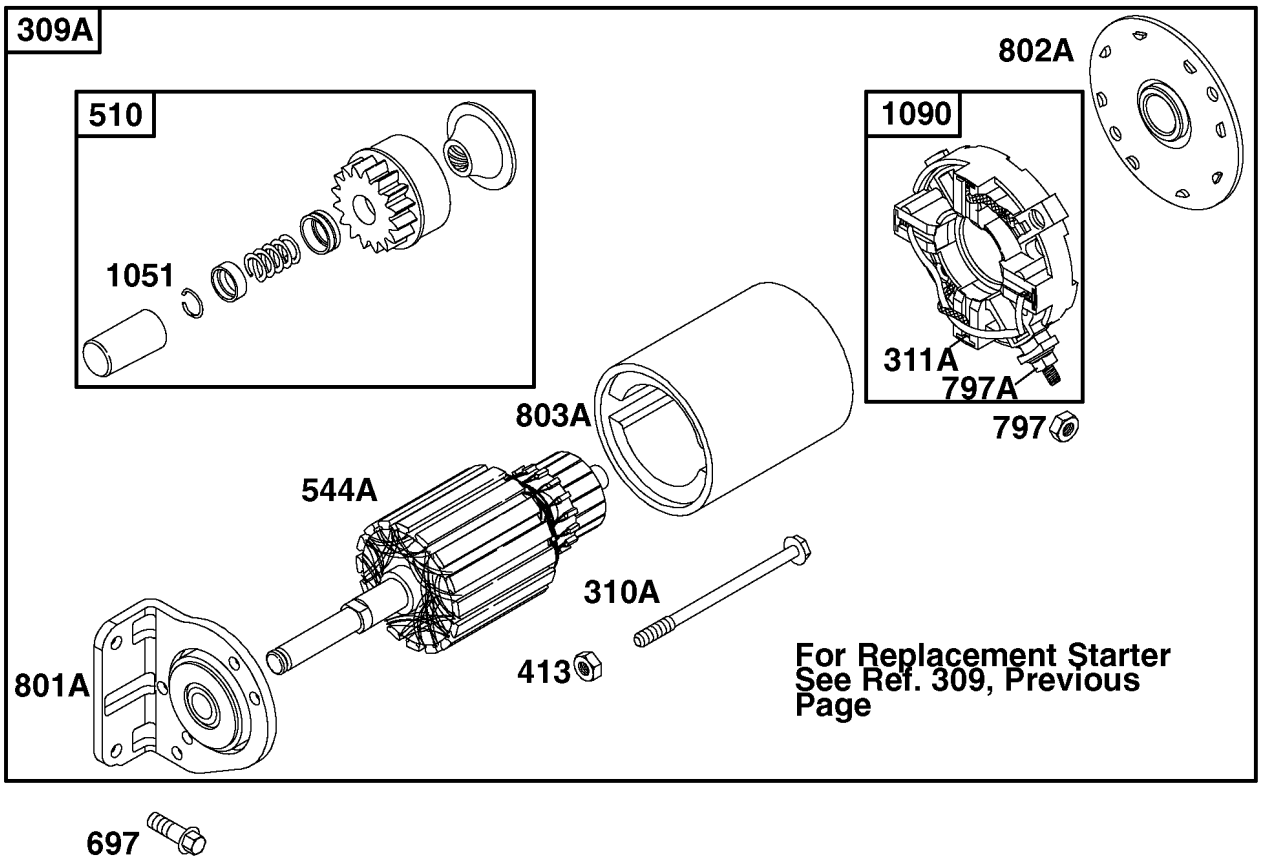
Ref	Part No.	Qty.	Description
197	692539	1	Screw
304	808408	1	Housing-Blower
305	692539	1	Screw
305A	692056	1	Screw
305B	692062	1	Screw
308	806547	1	Cover-Head, Cylinder (Cyl. #1)
308A	806546	1	Cover-Head, Cylinder (Cyl. #2)
322	692539	1	Screw
322A	692067	1	Screw
447	692539	1	Screw
573	690902	1	Plate-Back
638	691551	1	Washer
727	690714	1	Shield-Starter
732	690688	1	Screw
732A	692539	1	Screw
865	690750	1	Cover-Guide, Air
1036	806881	1	Decal-Emission
1046	692082	1	Plug-Housing, Blower



Assemblies include all parts shown in frames.

Starter Motor Assembly

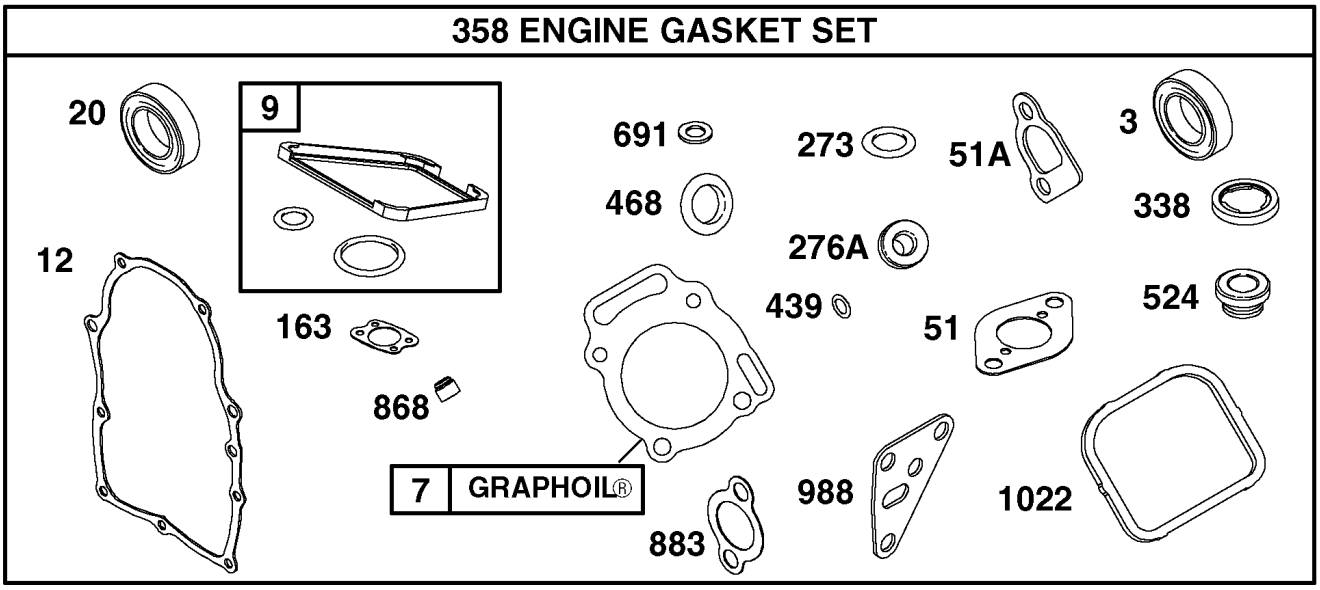
Ref	Part No.	Qty.	Description
309	691564	1	Motor-Starter
310	496880	1	Bolt-Thru
311	496887	1	Brush Set
510	496881	1	Drive-Starter
544	690855	1	Armature-Starter
697	692062	1	Screw
801	808777	1	Cap-Drive
802	496813	1	Cap-End
803	690854	1	Housing-Starter
1051	691124	1	Ring-Lock



Assemblies include all parts shown in frames.

Replacement Starter Motor Assembly

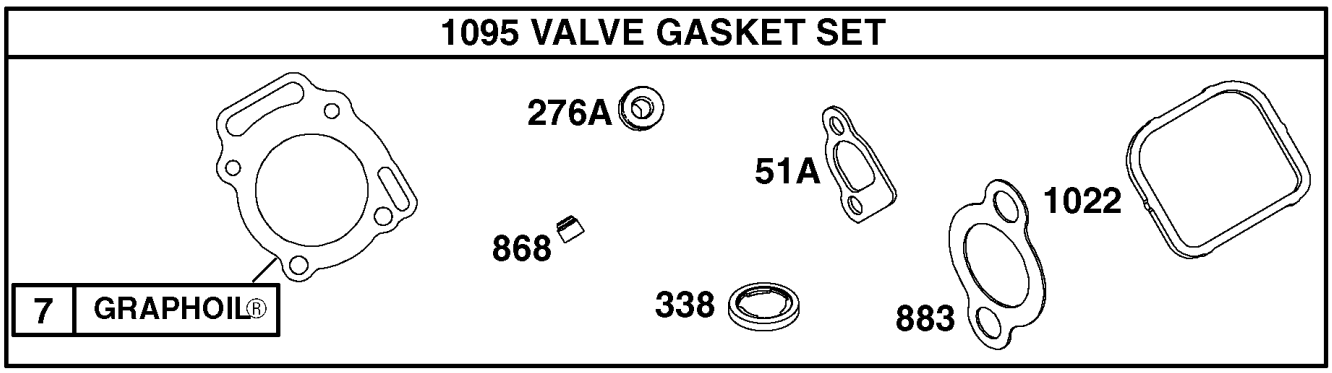
Ref	Part No.	Qty.	Description
309A		1	Motor-Starter (For Replacement Starter, See Ref. 309, Previous Page)
310A	690323	1	Bolt
311A	497608	1	Brush Set
413	693587	1	Nut
510	496881	1	Drive-Starter
544A	693548	1	Armature-Starter
697	692062	1	Screw
797	691029	1	Nut
797A	693167	1	Nut
801A	808778	1	Cap-Drive
802A	691286	1	Cap-End
803A	693547	1	Housing-Starter
1051	691124	1	Ring-Lock
1090	691293	1	Retainer-Brush

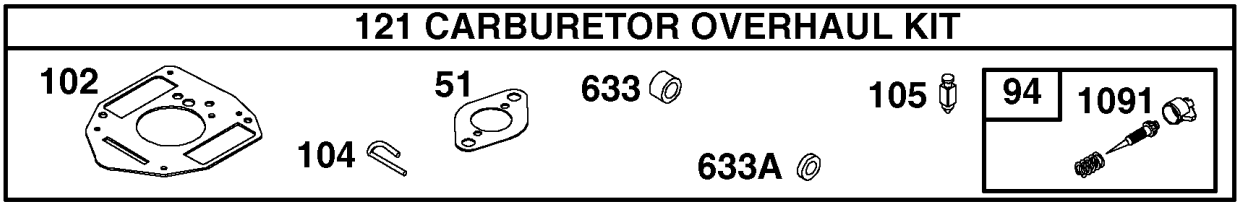


Assemblies include all parts shown in frames.

Engine Gasket Set

Ref	Part No.	Qty.	Description
❷3	805101	1	Seal-Oil
❷❸7	806085	1	Gasket-Head, Cylinder
❷9	807893	1	Breather Gasket
❷12	691684	1	Gasket-Crankcase
❷20	805049	1	Seal-Oil
❷❹51	691694	1	Gasket-Intake
❷❸51A	692035	1	Gasket-Intake
❷163	692081	1	Gasket-Cleaner, Air
❷273	690681	1	Seal-O Ring
❷❸276A	691766	1	Washer-Sealing
❷❸338	691312	1	Gasket-Dipstick
358	808390	1	Engine Gasket Set
439	692154	1	Seal-O Ring
❷468	690690	1	Seal-O Ring
❷524	693172	1	Seal-Tube, Dipstick
❷691	690680	1	Seal-Shaft, Governor
❷❸868	691963	1	Seal-Valve
❷❸883	691613	1	Gasket-Exhaust
❷988	692063	1	Gasket-Adapter, Oil Filter
❷❸1022	806039	1	Gasket-Cover, Rocker





Assemblies include all parts shown in frames.

Valve Gasket Set and Carburetor Overhaul Kit

Ref	Part No.	Qty.	Description
❷❹7	806085	1	Gasket-Head, Cylinder
❷❹51	691694	1	Gasket-Intake
❷❺51A	692035	1	Gasket-Intake
❹94	808257	1	Idle Mixture Kit
❹102	692077	1	Gasket-Body, Carburetor
❹104	690723	1	Pin-Hinge, Float
❹105	692078	1	Valve-Needle, Float
121	809023	1	Carburetor Overhaul Kit
❷❺276A	691766	1	Washer-Sealing
❷❺338	691312	1	Gasket-Dipstick
❹633	806131	1	Seal-Shaft, Choke / Throttle
❹633A	690722	1	Seal-Shaft, Choke / Throttle
❷❺868	691963	1	Seal-Valve
❷❺883	691613	1	Gasket-Exhaust
❷❺1022	806039	1	Gasket-Cover, Rocker
❹1091	691516	1	Cap-Limiter
1095	808392	1	Valve Gasket Set

NOTES


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