FORM NO. 3317–799

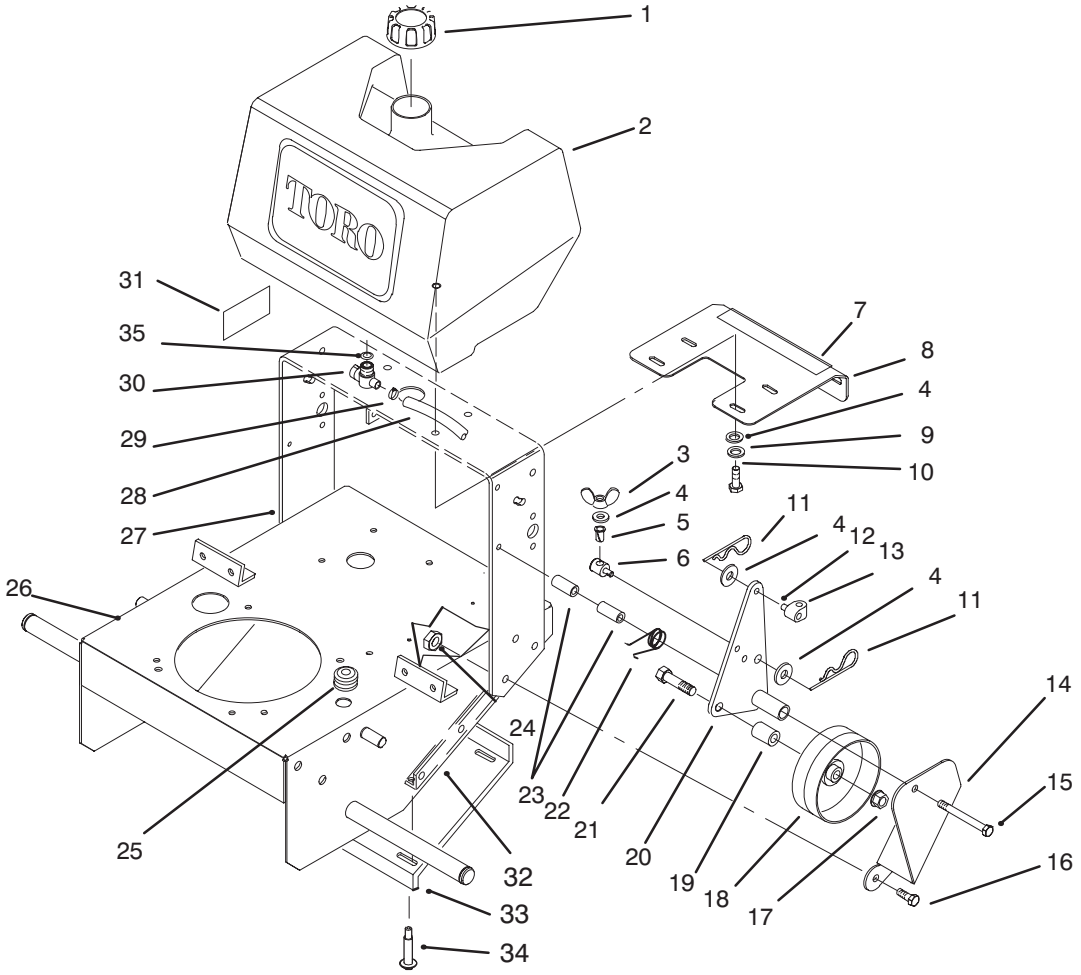
TORO®

MODEL NO. 30180–690001 & UP

PARTS CATALOG

ProLine MID–SIZE TRACTION UNIT

16 HP Kohler Gear Drive International



C–2320

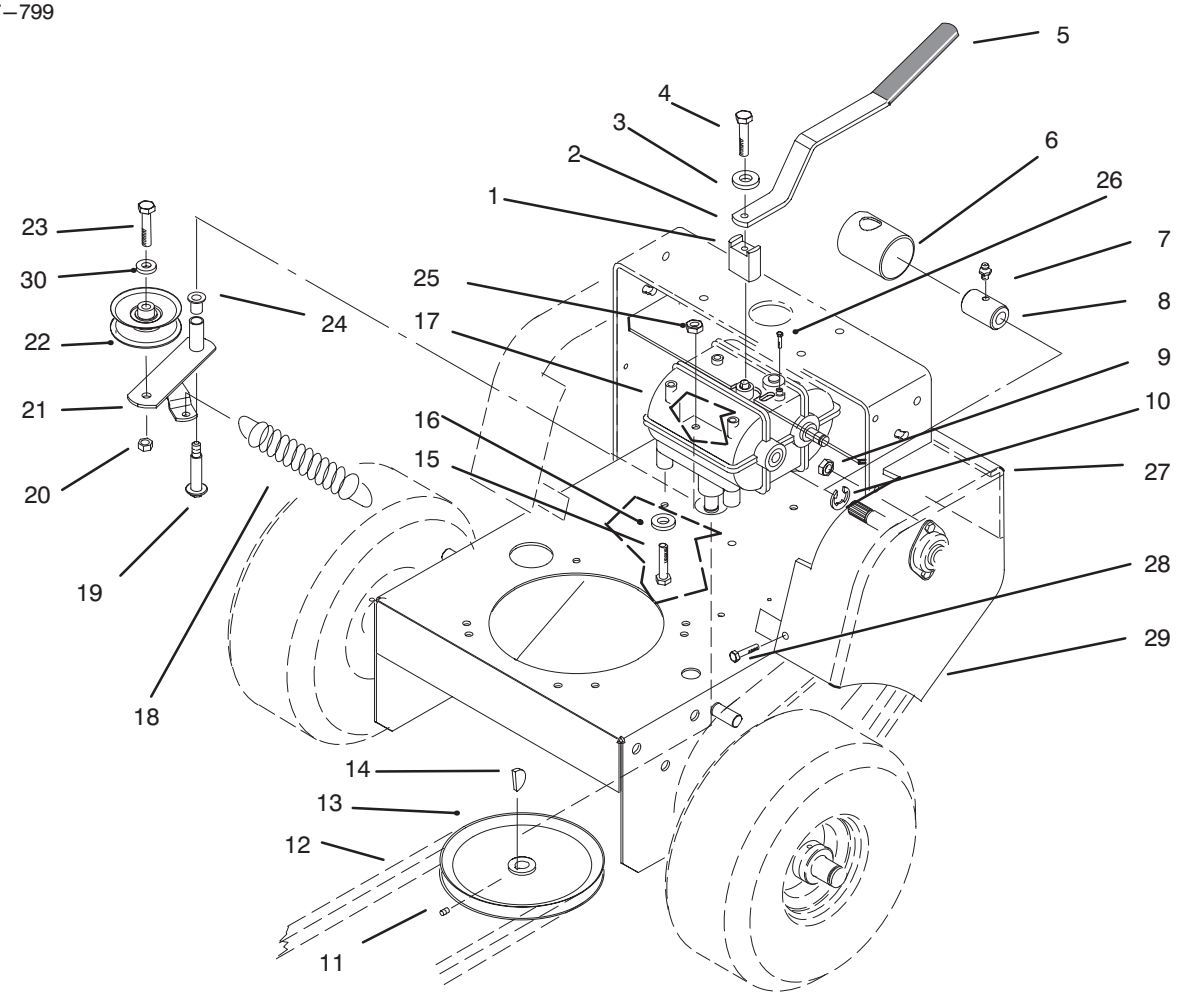
FRAME, FUEL TANK AND WHEEL DRIVE IDLER

Ref. No.	Part No.	Description	No. Used
1	55–3570	Fuel Tank	1
2	82–8440	Tank – Fuel	1
3	32103–25	Nut – Wing	2
4	3256–23	Washer – Flat	9
5	52–2890	Bushing	2
6	68–9690	Fitting – Rod	2
7	93–7297	Decal – Ground Speed	1
8	66–7400	Plate – Control	1
9	3253–4	Washer – Lock	4
10	322–4	Screw – Hex. Hd.	4
11	3290–307	Pin – Cotter	4
12	283–6	Pin – Clevis	2
13	74–0521	Fitting – Rod	2
14	67–6380	Bracket – Support L.H.	1
*	67–6370	Bracket – Support R.H.	1
15	323–16	Screw – Hex. Hd.	2
16	323–7	Screw – Hex. Hd.	6
17	3296–23	Nut – Lock	2
18	51–4480	Idler – Wheel	2

Ref. No.	Part No.	Description	No. Used
19	51–4490	Spacer – Idler Wheel	2
20	74–0220	Idler – Bracket L.H.	1
*	74–0230	Idler – Bracket R.H.	1
21	51–4450	Screw – Leveler	2
22	51–4380	Spring – Torsion L.H.	1
*	51–4370	Spring – Torsion R.H.	1
23	74–0040	Spacer – Pivot Idler	4
24	3296–39	Nut – Lock	6
25	237–124	Grommet	1
26	93–7438	Frame	1
27	74–0360	Frame – Rear	1
28	47–2982	Hose – Fuel	1
29	2412–98	Clamp – Fuel line	1
30	74–0510	Valve – Fuel	1
31	93–9353	Decal – Fuel Shut Off	1
32	93–7436	Mount – Angle	1
33	93–7437	Panel – Bottom	1
34	12–3270	Screw – Hex. Hd.	4
35	237–7	"O"Ring	1

*Not Illustrated

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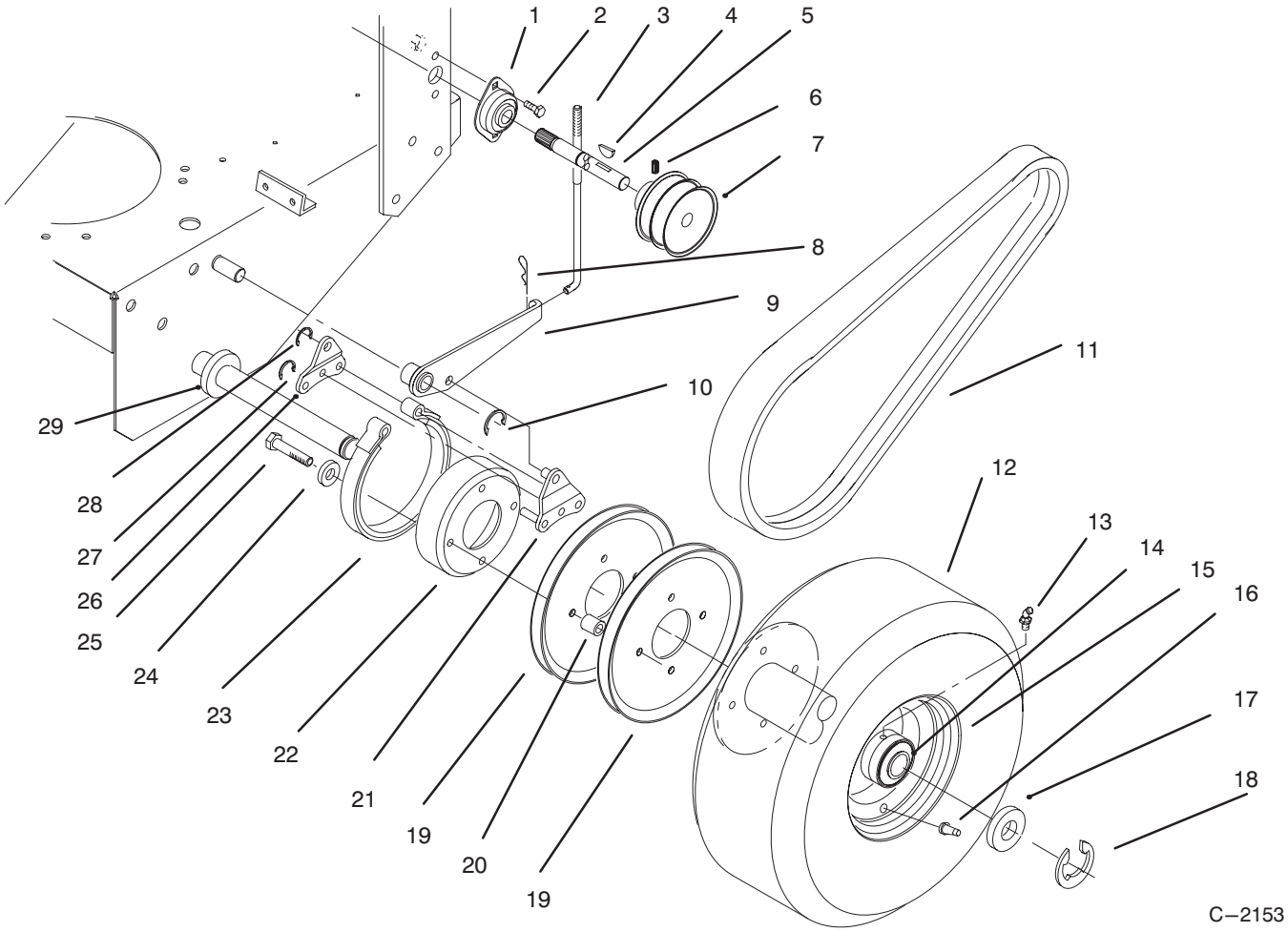


C–2321

TRANSMISSION, IDLER, DRIVE PULLEYS & DRIVE BELT

Ref. No.	Part No.	Description	No. Used
1	72–2190	Mount – Shift Lever	1
2	74–0320	Lever – Shift	1
3	7–5461	Spacer	1
4	329–10	Screw – Hex. Hd.	1
5	47–1970	Grip – Engagement	1
6	51–4220	Guard – Coupler	2
7	302–5	Fitting – Grease	2
8	51–4260	Coupler	1
9	3296–42	Nut – Lock	4
10	32120–64	Ring – Retaining	3
11	3241–5	Screw – Socket Hd.	1
12	26–9671	Belt – Traction	1
13	51–4190	Pulley – Driven	1
15	322–2	Screw –Hex. Hd.	4
16	3253–4	Washer – Lock	4

Ref. No.	Part No.	Description	No. Used
17	74–0610	Transmission	1
18	68–2190	Spring – Extension	18
19	27–6230	Bolt	1
20	3296–39	Nut – Lock	1
21	82–4800	Lever – Idler (Incl. Ref.#24)	1
22	62–4540	Pulley – Idler	1
23	323–9	Screw – Hex. Hd.	1
24	256–155	Bushing	2
25	3296–6	Nut	1
26	32144–14	Screw – Hex. Hd.	2
27	93–7431	Guard – Transmission Shaft	1
28	12–3270	Screw – Hex. Hd.	6
29	93–7434	Guard – Belt, L.H.	1
*	93–7433	Guard – Belt, R.H.	1
30	3256–24	Washer	1



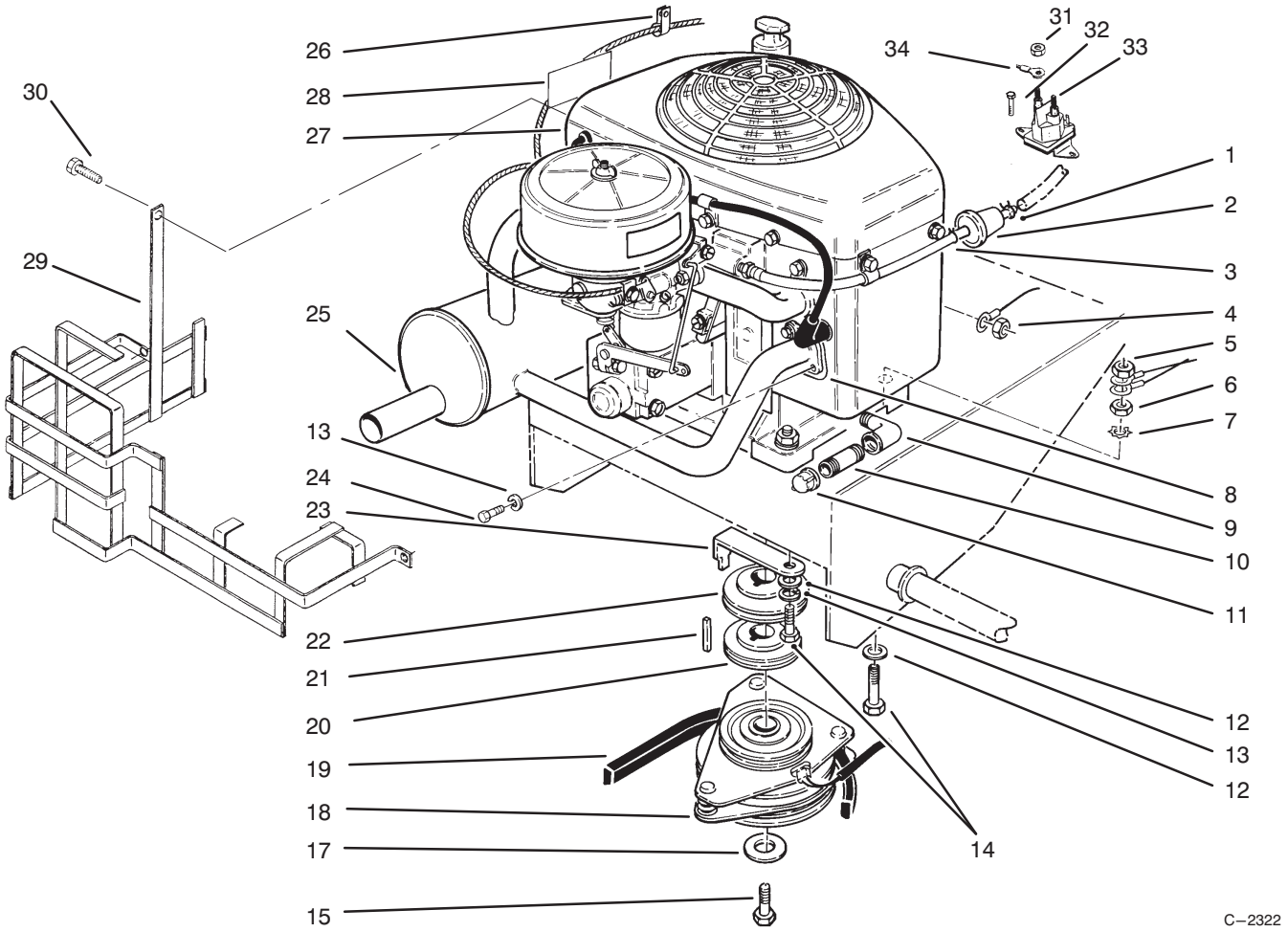
AXLE, BRAKE, WHEEL DRIVE AND BELTS

Ref. No.	Part No.	Description	No. Used
1	51–4270	Bearing – Shaft Extension	2
2	321–4	Screw – Hex. Hd.	4
3	51–4580	Rod – Brake	2
4	3257–5	Key – Woodruff	3
5	51–4240	Shaft – Extension R.H.	1
*	51–4250	Shaft – Extension L.H.	1
6	3245–3	Screw – Socket Hd. Set	2
7	74–0480	Pulley – Drive	2
8	3290–307	Pin – Cotter	2
9	51–4610	Brake Arm L.H.	1
*	51–4600	Brake Arm R.H.	1
10	32151–40	Ring – Retaining	2
11	51–4290	Belt – Drive	2
12	231–111	Tire	2
13	302–11	Fitting – Grease	2
14	92–1746	Bearing	4

Ref. No.	Part No.	Description	No. Used
15	242–80	Rim	2
16	232–27	Valve Stem	2
17	10–8110	Washer – Flat	A/R
18	32151–91	Ring – Retaining	2
19	51–4160	Pulley – Wheel	4
20	51–4170	Spacer – Pulley	8
21	51–4650	Link – Brake	2
22	51–4180	Drum – Brake	2
23	51–4700	Brake Band Assembly	2
24	3253–4	Washer – Lock	8
25	322–7	Screw – Hex. Hd.	8
26	51–4660	Plate – Link Brake	2
27	32151–72	Ring – Retaining	4
28	32151–56	Ring – Retaining	2
29	51–4230	Washer – Wheel	2

*Not Illustrated

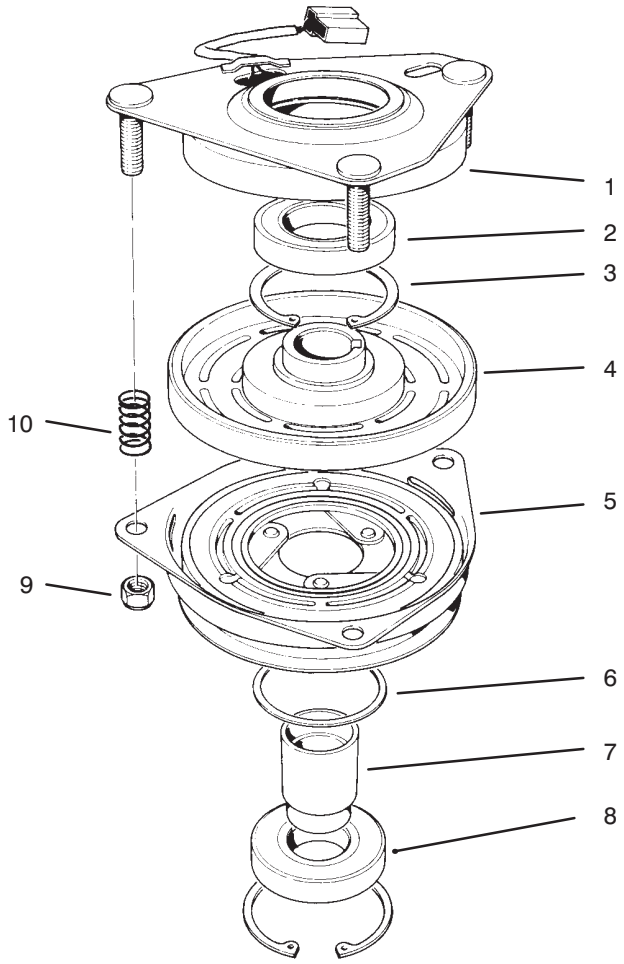
3317−799



ENGINE AND CLUTCH

Ref. No.	Part No.	Description	No. Used
1	2412−98	Clamp − Fuel Line	2
2		Fuel−Filter	1
3	47−2982	Hose−Gas	1
4	32149−2	Nut − Lock	1
5	32149−1	Nut − Lock	1
6	32152−1	Nut − Lock	4
7	3255−8	Washer − External Tooth	1
8	68−3240	Gasket − Muffler	2
9	2811−10	Elbow − 90° Street	1
10	289−48	Pipe Nipple	1
11	288−4	Pipe Cap	1
12	3256−23	Washer − Plain	6
13	3253−4	Washer − Lock	5
14	322−9	Screw − Hex. Hd.	4
15	3212−24	Screw − Hex. Hd.	1
17	112843	Washer − PTO	1
18	54−3200	Clutch Brake Assembly	1
19	26−9671	"V"Belt	1
*	54−2750	"V"Belt − Deck Drive (36" & 44" Cutting Units)	1
*	55−7660	"V"Belt − Deck Drive (52" Cutting Unit)	1
20	74−0050	Sheave − Lower Half	1
21	608006	Key	1
22	74−0060	Sheave − Upper Half	1
23	51−4540	Retainer − Clutch	1
24	3274−10	Screw − Socket Hd.	4
25	68−2050	Muffler	1
26	2412−73	"R"Clamp	1
27		Engine (Incl. Ref. #2 & 3)	1
28	93−8069	Decal − Hot	1
29	93−9464	Guard − Muffler	1
30		Screw − Hex. Hd.(Engine	)
31	32149−2	Nut − Lock	2
32	12−3270	Screw − Hex. Hd.	6
33	92−9845	Solenoid − 12V	1
34	28−3891	Wire Assembly	1

*Not Illustrated



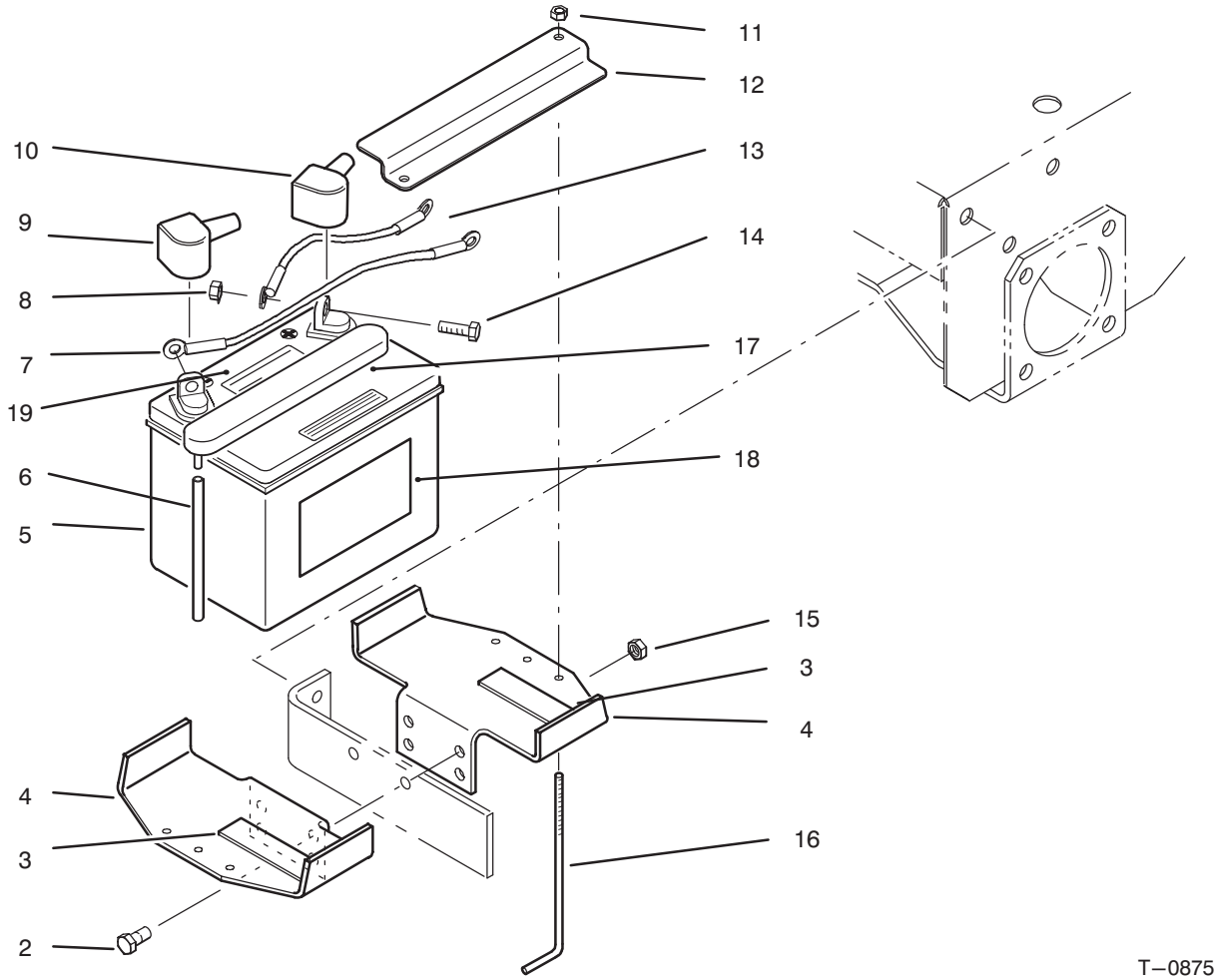
T–0080

CLUTCH ASSEMBLY NO. 54–3200

Ref. No.	Part No.	Description	No. Used
1	54–0230	Field Ass'y (Incl. Ref. #2 & 3)	1
2	251–292	Bearing – Field	1
3	44–8310	Ring – Retaining	2
4	44–8360	Field Coil, Rotor & Bearing Assembly (Incl. Ref. #1)	1
5	55–7410	Armature & Pulley Assemble (Incl. Ref. #3,6,7, & 8)	1

Ref. No.	Part No.	Description	No. Used
6	44–8330	Spacer	1
7	44–8340	Collar – Bearing	1
8	251–291	Bearing – Pulley	1
9	3296–5	Nut – Lock	3
10	44–8320	Spring	3

3317–799

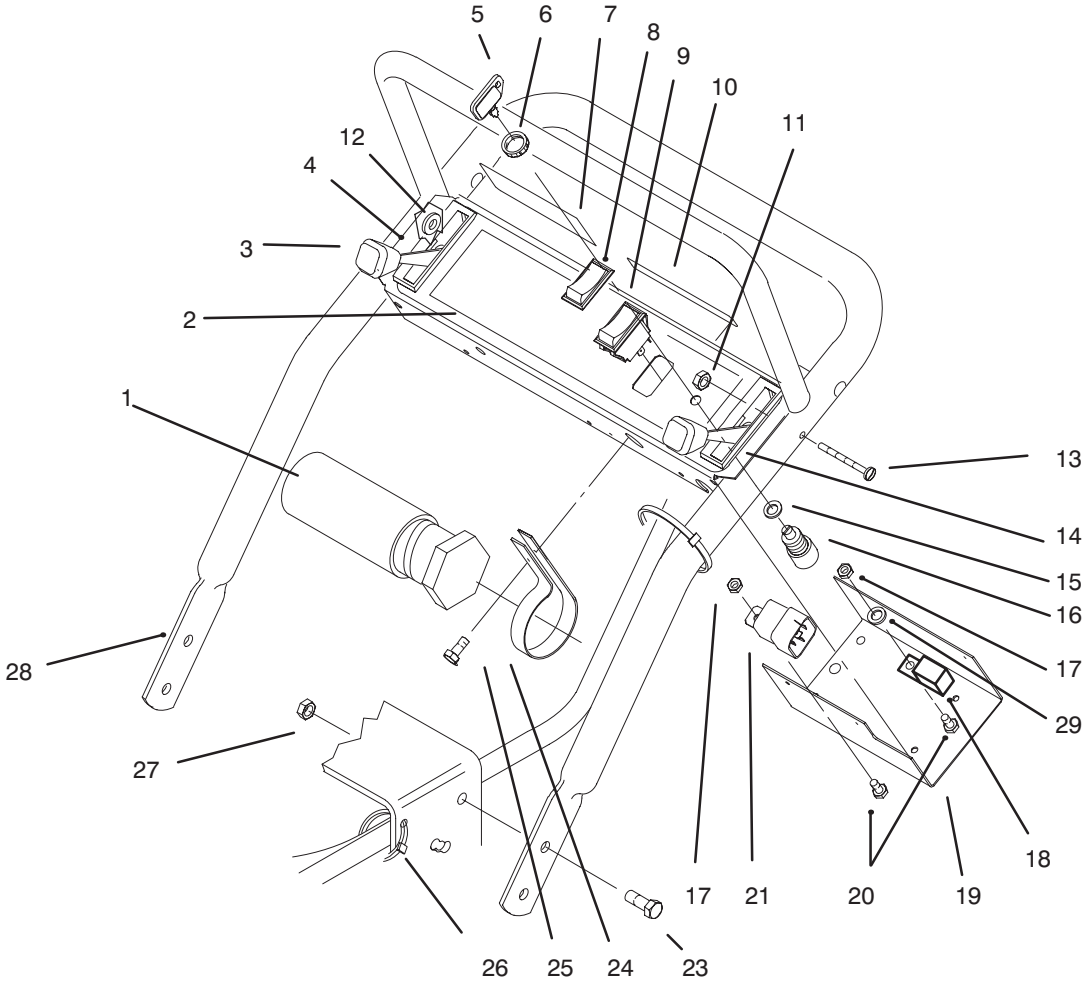


T–0875

BATTERY

Ref. No.	Part No.	Description	No. Used
2	323–9	Screw – Hex. Hd.	2
3	51–4210	Pad – Battery Mount	2
4	92–2350	Holder – Battery	2
5	82–4640	Battery	1
6	68–3810	Tube –Vent	1
7	54–3090	Cable – Battery	1
8	32149–1	Nut	2
9	77–0980	Boot – Terminal	1
10	77–0981	Boot – Terminal	1

Ref. No.	Part No.	Description	No. Used
11	3296–42	Nut – Lock	2
12	82–4620	Strap – Battery	1
13	28–3893	Cable – Battery	1
14	322–3	Screw – Hex. Hd.	2
15	3296–39	Nut – Lock	2
16	12–5950	Rod – Battery Support	2
17	84–1830	Cap – Battery	1
18	93–6668	Decal – Battery	1
19	93–7276	Decal – Danger	1



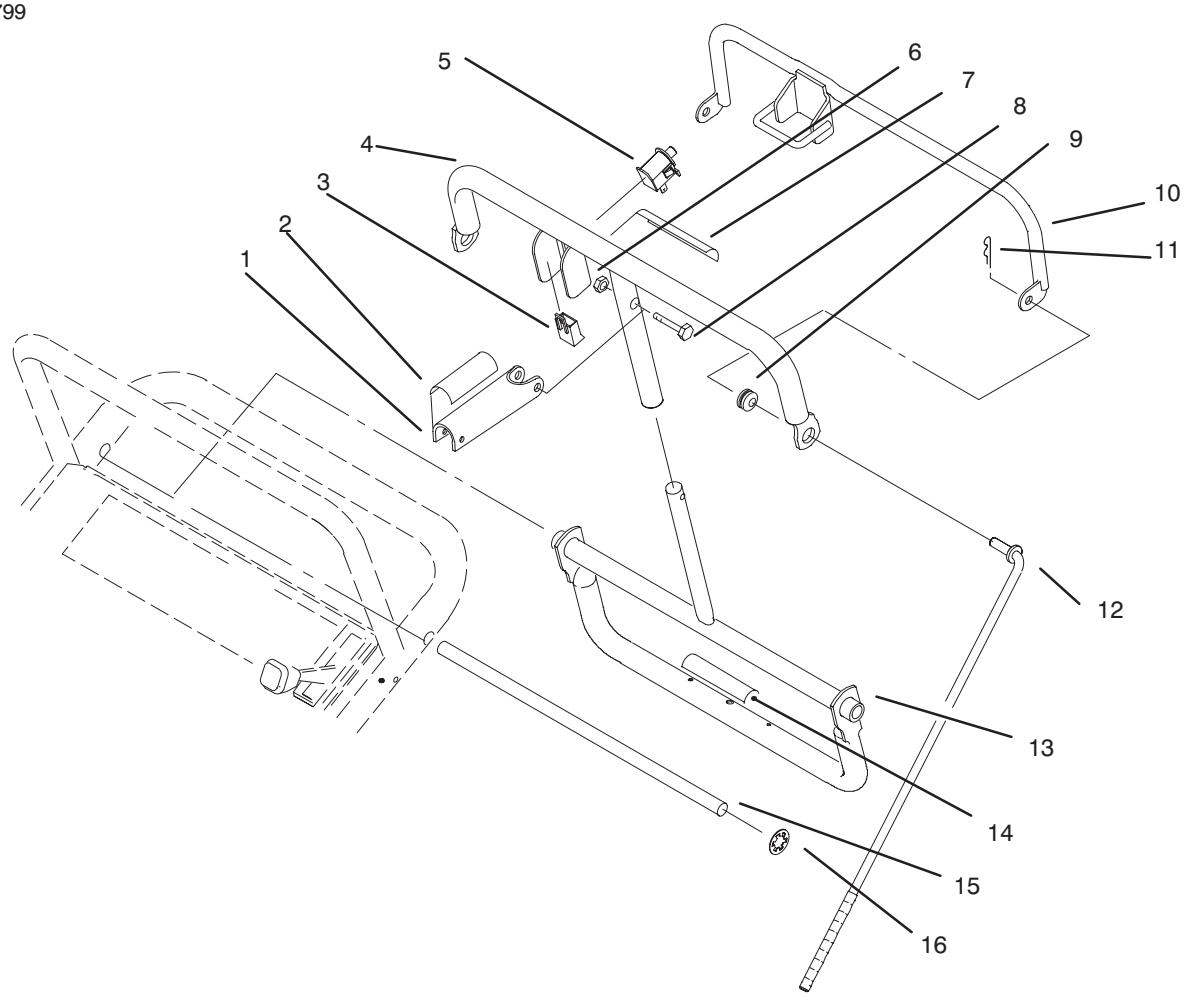
C−2155

HANDLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	74−0720	Tube − Manual	1
2	93−7293	Decal − Control Panel	1
3	74−0730	Control − Choke	1
4	82−2180	Panel − Control	1
5	63−8360	Key	2
6	218−461	Nut	1
7	65−3090	Decal − Instruction	1
8	82−3820	Boot	1
9	82−2300	Switch − Clutch (Incl. Ref.#8)	1
10	93−6657	Decal − Danger	1
11	3296−2	Nut − Lock	4
12	54−2970	Spacer	2
13	32105−14	Screw − Hex. Hd. Machine	4
14	93−1190	Control − Throttle	1

Ref. No.	Part No.	Description	No. Used
15	3254−5	Washer − Lock	1
16	23−0660	Switch − Ignition (Incl. Ref. #5,6, &15)	1
17	3296−42	Nut − Hex	2
18	86−7910	Module − Interlock	1
19	93−1187	Panel − Bottom	1
20	321−3	Screw − Hex. Hd.	2
21	63−7590	Relay	1
23	3234−11	Screw − Hex. Hd.	4
24	2412−120	”R”Clamp	2
25	32144−19	Screw − Self Tapping	4
26	3290−378	Cable Tie	3
27	32128−21	Nut − Lock	4
28	67−6440	Handle − Upper	1
29	3255−7	Washer	1

3317–799

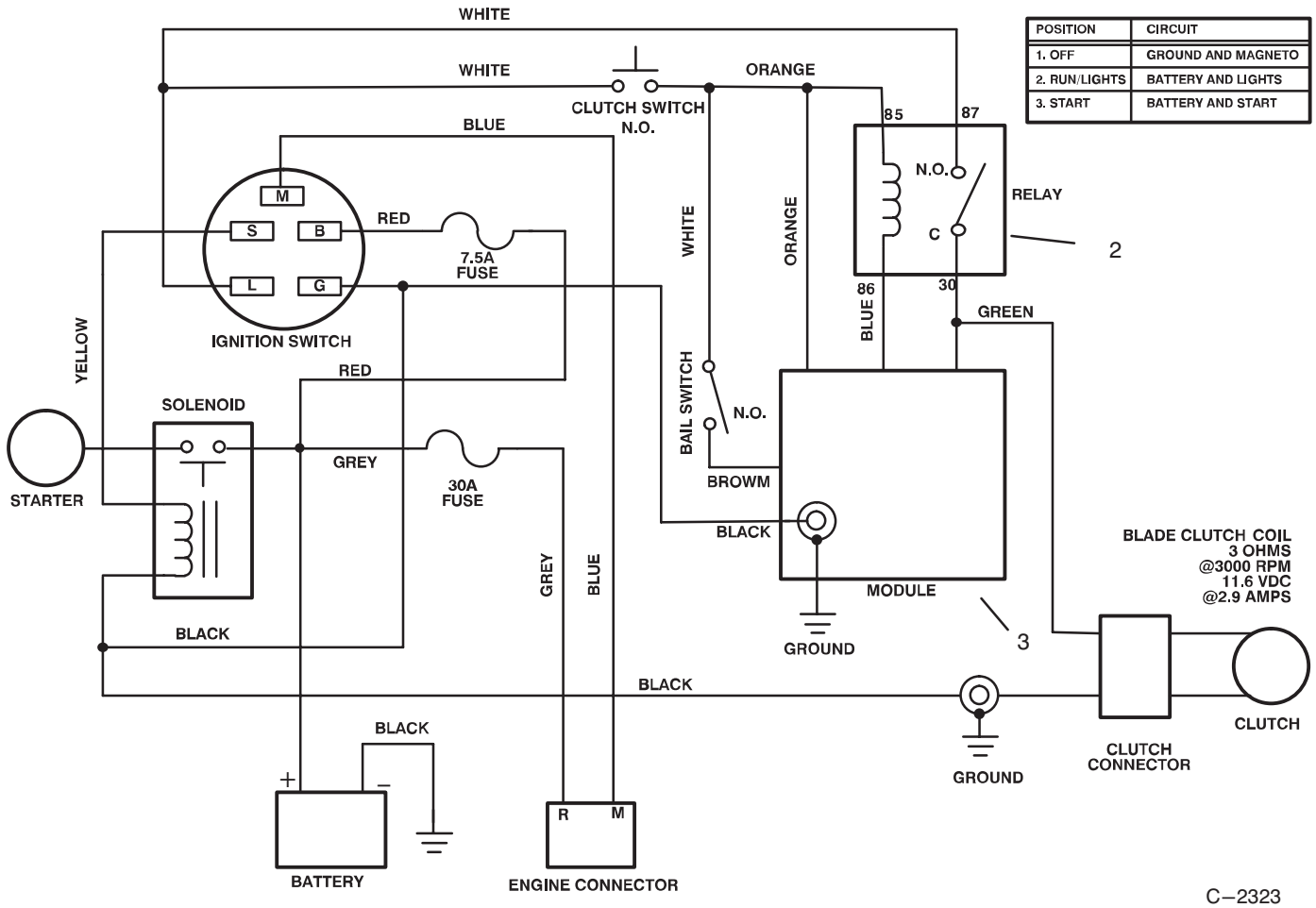


C–2156

HANDLE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
1	51–4850	Lever – Parking Brake	1
2	93–7442	Decal – Parking Brake	1
3	218–595	Connector – Body	1
4	93–7298	Bar – Control	1
5	82–2190	Switch – Bail	1
6	3296–2	Nut – Lock	5
7	82–2290	Decal – Control Bar	1
8	32105–1	Screw – Hex. Hd. Machine	1

Ref. No.	Part No.	Description	No. Used
9	237–141	Grommet – Rubber	2
10	82–7680	Bail Assembly	1
11	3290–307	Pin – Cotter	2
12	82–7631	Rod – Control	2
13	74–0380	Control – Pivot	1
14	93–7299	Decal – Reverse Handle	1
15	74–0470	Rod – Pivot	1
16	32151–80	Ring – Push On	2



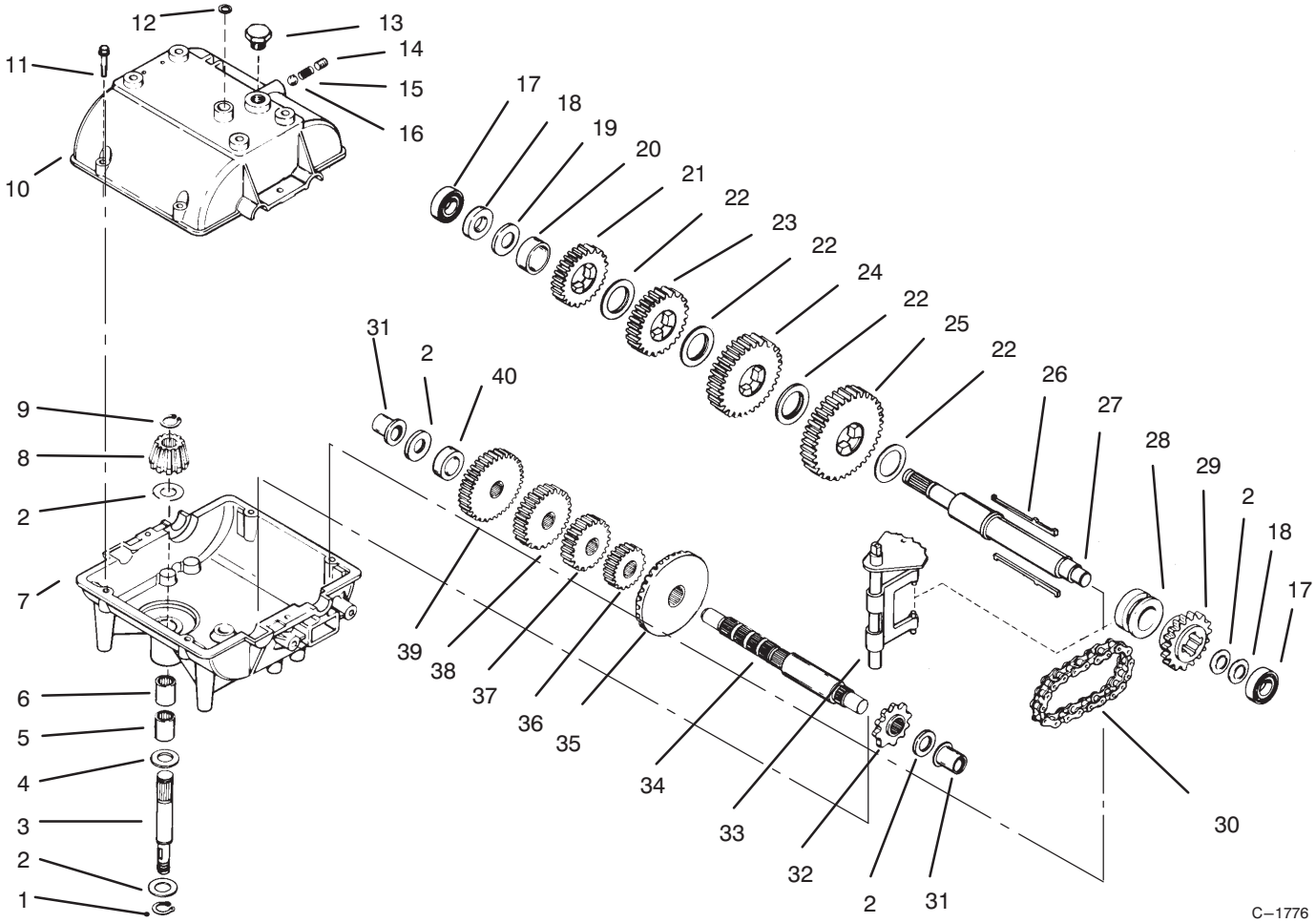
C−2323

ELECTRIC SCHEMATIC

Ref. No.	Part No.	Description	No. Used
1	93−7439	Wire Harness	1
2	63−7590	Relay	1

Ref. No.	Part No.	Description	No. Used
3	86−7910	Module − Interlock	1

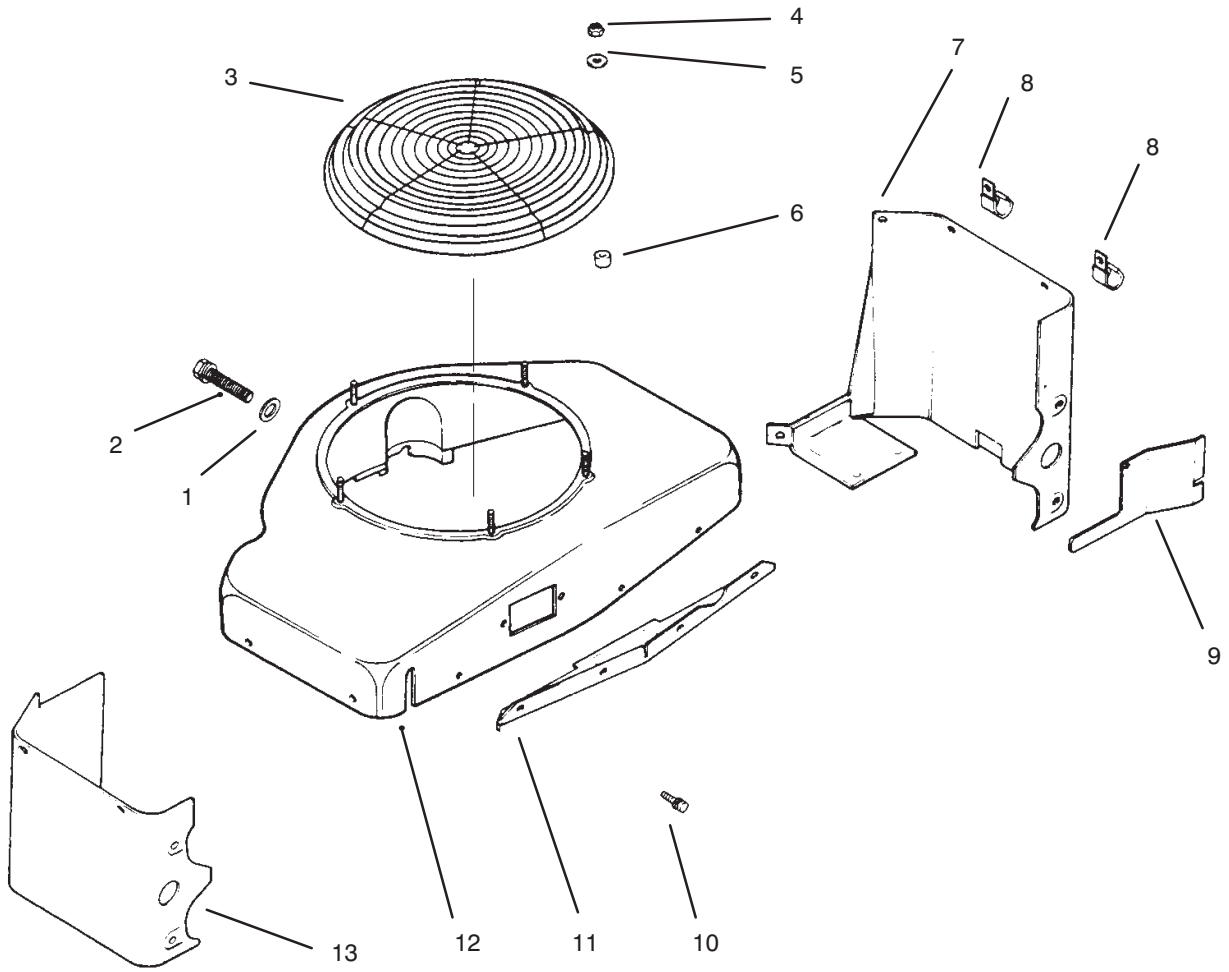
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PEERLESS TRANSMISSION MODEL NO. 700—039

Ref. No.	Part No.	Description	No. Used
1	792035	Ring — Retaining	1
2	780072	Washer — Thrust	5
3	776135	Shaft — Input	1
4	792001	”O”Ring	2
5	780142	Bearing — Needle	1
6	780086	Bearing — Needle	1
7	770090A	Case — Transmission	1
8	778153	Bevel Pinion — Input	1
9	788040	Ring — Retaining	1
10	772099A	Cover — Transmission	1
11	792073	Screw — Self Tapping	6
12	788069	Seal — Square Cut	1
13	792074	Plug — Threaded	1
14	792078	Screw — Set	1
15	792079	Spring	1
16	792077	Ball — Steel	1
17	780092	Bearing — Ball	2
18	780065	Washer — Thrust	2
19	780139	Washer — Thrust	1
20	786072	Spacer	1
21	778123A	Gear — Spur (25 Teeth)	1

Ref. No.	Part No.	Description	No. Used
22	780108	Washer — Thrust	4
23	778250	Gear — Spur (27 Teeth)	1
24	778124A	Gear — Spur (30 Teeth)	1
25	778125	Gear — Spur (35 Teeth)	1
26	792089A	Key	4
27	776289A	Shaft — Output & Brake	1
28	784266	Collar — Shift	1
29	786083	Sprocket (18 Teeth)	1
30	786081	Chain — Roller (No. 41 Chain 24 Links)	1
31	780105A	Bushing — Flanged	2
32	786082	Sprocket (9 Teeth)	1
33	784267	Rod & Fork Ass’y — Shift	1
34	776134	Shaft — Counter	1
35	778154	Gear — Bevel (42Teeth)	1
36	778136	Gear — Spur (15 Teeth)	1
37	778126A	Gear — Spur (20 Teeth)	1
38	778249	Gear — Spur (23 Teeth)	1
39	778127A	Gear — Spur (25 Teeth)	1
40	786071	Spacer	1

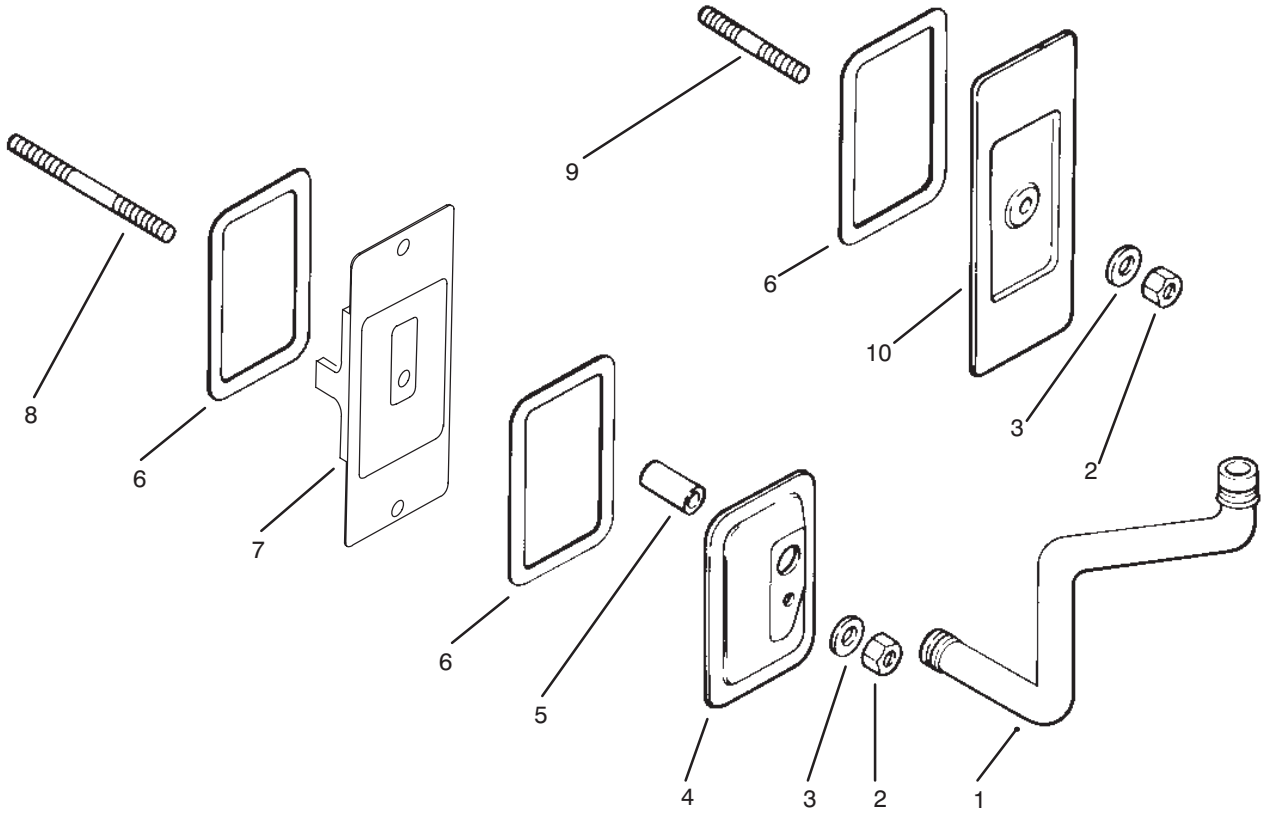


BLOWER HOUSING AND BAFFLES

Ref. No.	Part No.	Description	No. Used
1	52 468 16	Washer	2
2	52 086 11	Screw – Hex.Washer Hd.	6
3	47 314 01	Guard – Grass Screen	1
4	X–101–9	Nut – Lock	5
5	25 468 03	Washer	5
6	52 112 08	Spacer	5
7	52 063 21	Baffle – Cylinder Head	1
8	47 154 01	Clamp	2

Ref. No.	Part No.	Description	No. Used
9	52 063 01	Baffle – Cylinder Head	1
10	X–67–83	Screw Hex.Washer Hd.	20
11	52 217 01	Support – Upper Housing	1
12	82 755 01	Kit – Blower Housing (Incl. Ref. #1, 2 & 11)	1
13	52 124 23	Baffle – Cylinder Head	1
*	45 113 11	Decal – Horsepower	3

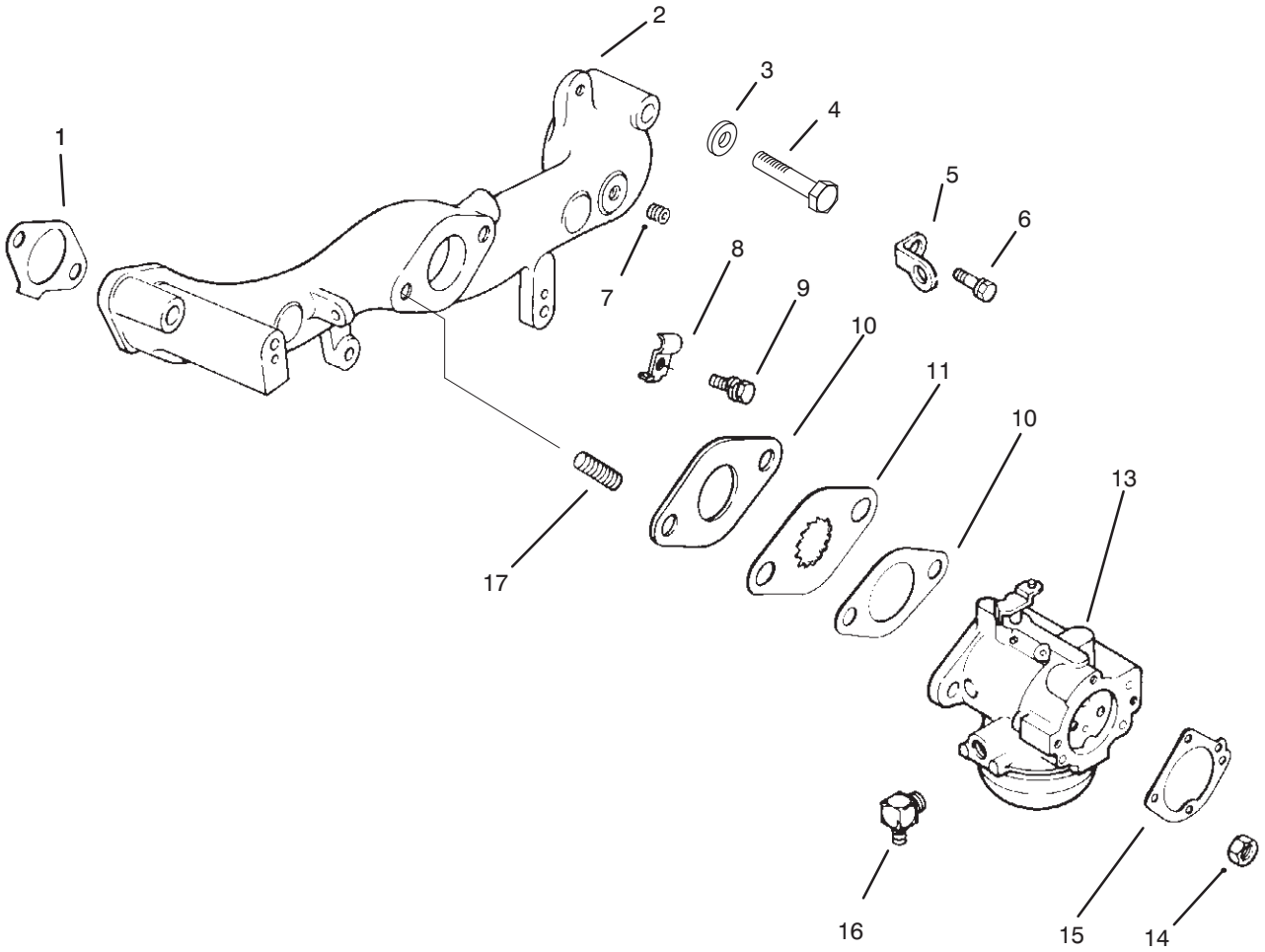
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BREATHER AND VENT

Ref. No.	Part No.	Description	No. Used
1	52 326 12	Hose – Breather	1
2	X–81–1	Nut – Hex	2
3	X–25–12	Washer – Plain	2
4	52 096 08	Cover – Upper Cylinder Valve	1
5	52 032 04	Seal – Breather	1

Ref. No.	Part No.	Description	No. Used
6	52 055 01	Gasket – Cover	3
7	52 035 04	Breather Asm	1
8	275220	Stud – Cylinder Valve Cover	1
9	X–325–39	Stud – Valve Cover	1
10	52 096 55	Cover – Cylinder Valve	1

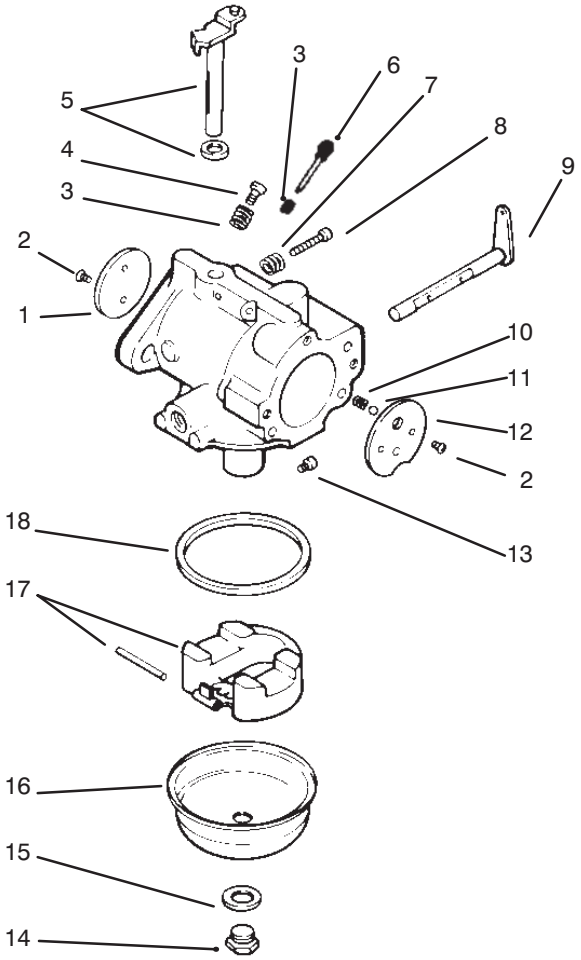


INTAKE MANIFOLD AND CARBURATOR

Ref. No.	Part No.	Description	No. Used
1	52 041 09	Gasket – Intake Manifold	2
2	52 755 91	Kit – Manifold (incl. Ref.# 3, 4, 7, & 17)	1
3	X–21–44	Washer	4
4	X–6–29	Screw	4
5	232867	Strap – Lifting	1
6	X–67–62	Screw –Hex Washer Hd.	1
7	x–75–23	Plug	1
8	234778	Clamp – Cable	1
9	x–67–97	Screw	2

Ref. No.	Part No.	Description	No. Used
10	271030	Gasket – Carburetor	2
11	52 063 40	Baffle	1
13	52 853 09	Carburetor Kit w/Gaskets	1
*	52 053 34	Carburetor Assembly For Information Only	1
14	X–77–2	Nut – Hex Jam	2
15	25 041 06	Gasket – Air Cleaner	1
16	255 155 02	Connector – Hose	1
17	41 072 19	Stud	2

*Not Illustrated

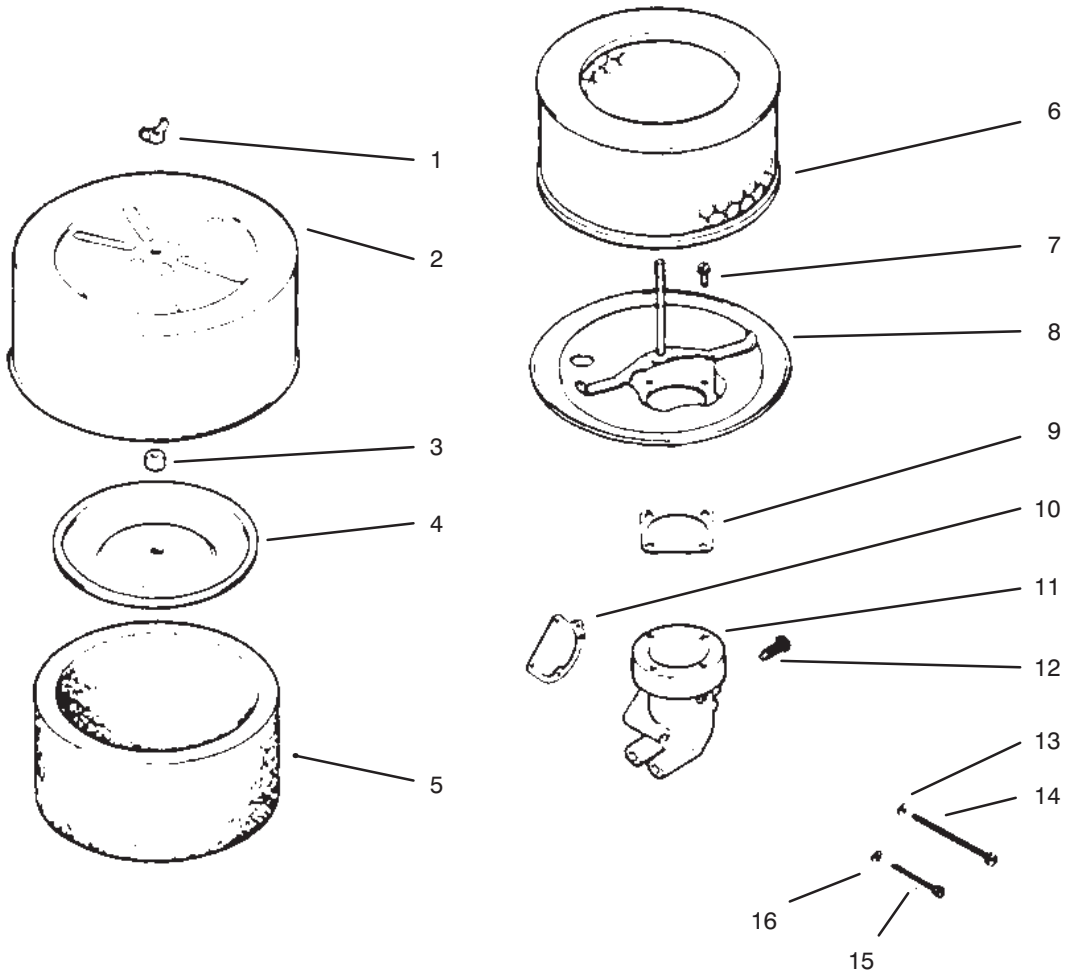


CARBURETOR

Ref. No.	Part No.	Description	No. Used
1	25 146 02	Plate — Throttle	1
2	25 086 27	Screw	1
3	25 089 02	Spring	2
4	25 368 01	Needle — Idle Fuel Adj.	1
5	52 144 24	Shaft — Throttle	1
6	25 368 03	Screw — Idle Speed Adj.	1
7	25 089 04	Spring	2
8	25 086 26	Needle — Main Fuel	1
9	52 090 13	Lever — Choke	1
10	25 089 03	Spring — Choke Friction	1
11	25 194 01	Ball — Choke Friction	1

Ref. No.	Part No.	Description	No. Used
12	25 146 03	Plate — Choke	1
13	52 337 06	Jet — Main	1
14	25 100 05	Screw — Bowl Retainer	1
15	25 041 03	Gasket — Retainer Screw	1
16	25 104 01	Bowl — Fuel	1
17	25 757 09	Kit — Float	1
18	25 041 04	Gasket — Bowl	1
*	25 757 11	Kit — Carburetor Repair	1
*	52 755 98	Kit — High Altitude	1
*	52 853 25	Kit — Carburetor w/Linkage	1

*Not Illustrated

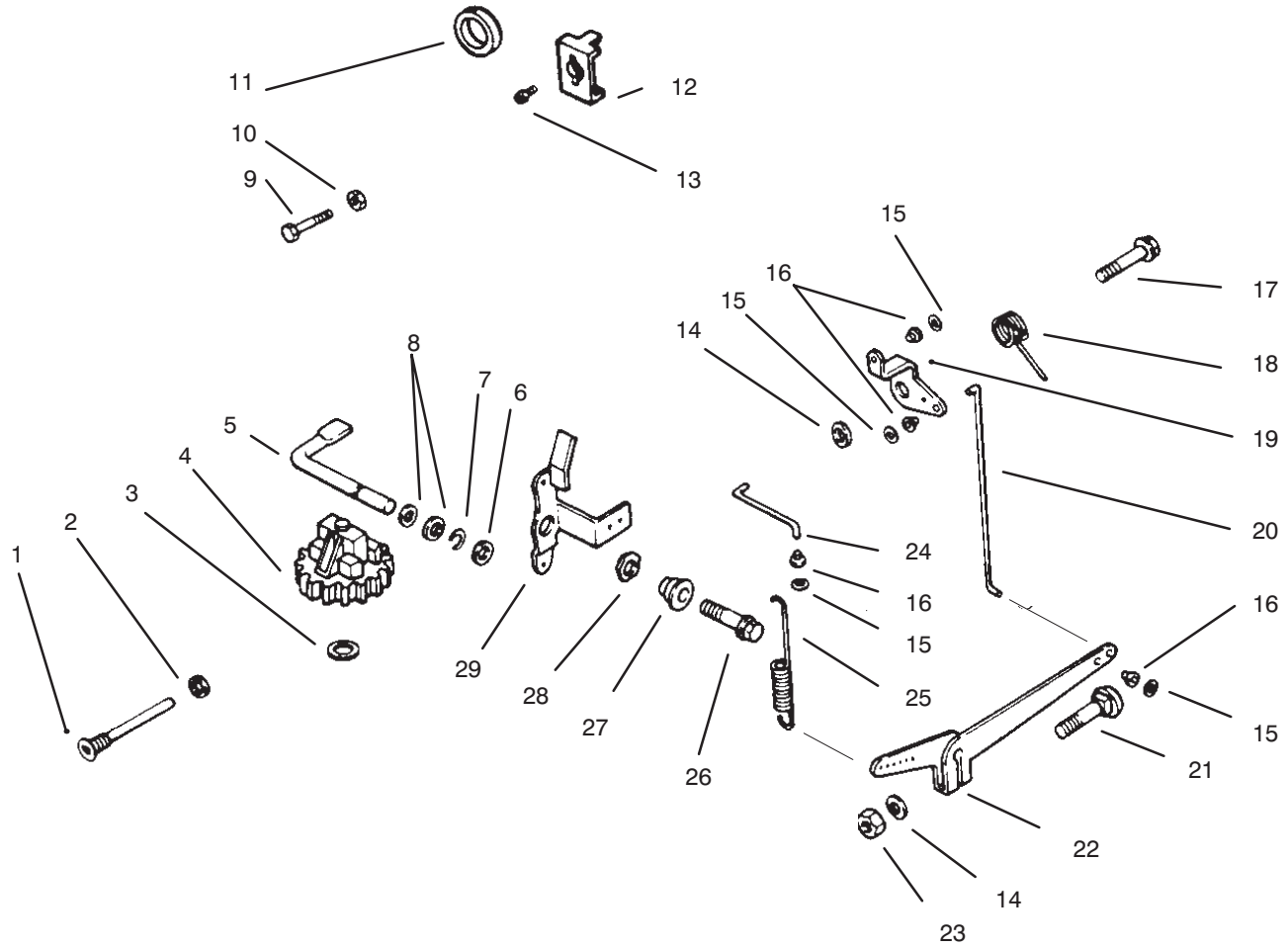


AIR CLEANER / INTAKE

Ref. No.	Part No.	Description	No. Used
1	X–276–7	Nut – Wing	1
2	45 082 01	Cover – Air Cleaner	1
3	231032	Seal – Element Cover	1
4	52 082 04	Cover – Air Cleaner Element	1
5	45 083 01	Precleaner	1
6	45 083 02	Element	1
7	X–67–98	Screw – Hex. Washer Hd.	4
8	52 094 06	Base – Air Cleaner	1
9	277093	Gasket – Air Cleaner	1

Ref. No.	Part No.	Description	No. Used
10	25 041 06	Gasket – Elbow	1
11	52 754 02	Elbow – Kit (Incl.Ref.#10 & 12)	1
12	52 086 11	Screw – Self Tapping	1
13	X–25–79	Washer – Flat	1
14	X–50–37	Screw – Pan Hd.	1
15	X–50–57	Screw – Pan Hd.	2
16	X–22–9	Washer	2
*	25 113 07	Decal – Air Cleaner	1

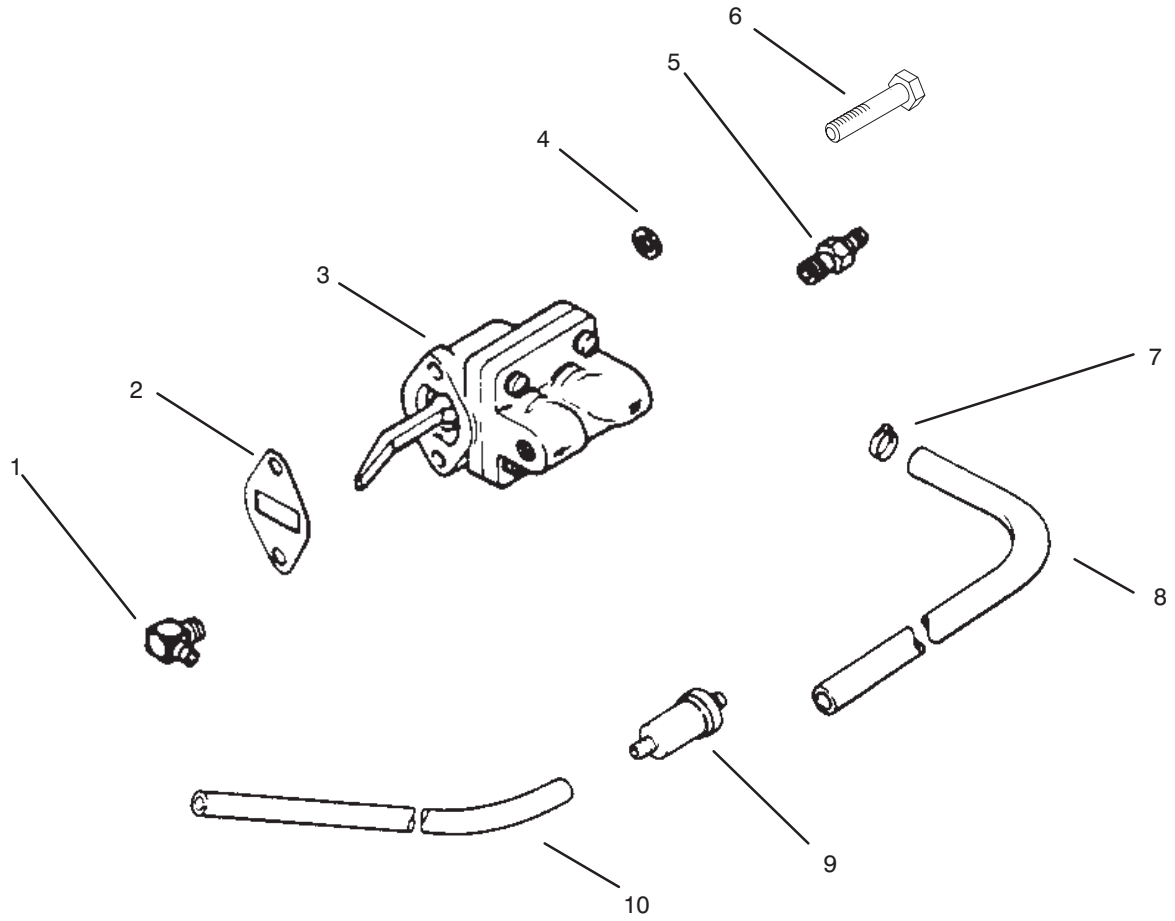
*Not Illustrated



GOVERNOR

Ref. No.	Part No.	Description	No. Used
1	231355	Pin – Governor Stop	1
2	X–25–12	Washer – Flat	1
3	237022	Washer – Governor Gear Thrust	1
4	A–235743–S	Kit – Governor Gear	1
5	52 078 04	Shaft – Governor Cross	1
6	X–25–63	Washer – Flat	1
7	X–269–28	Retainer – Governor	1
8	X–25–102	Washer – Flat	2
9	52 086 05	Screw – Hex. Hd.	1
10	X–70–3	Nut	1
11	25 431 01	Spacer	1
12	12 237 01	Clamp	3
13	X–67–38	Screw – Hex. Washer Hd.	3
14	X–25–72	Washer – Flat	2

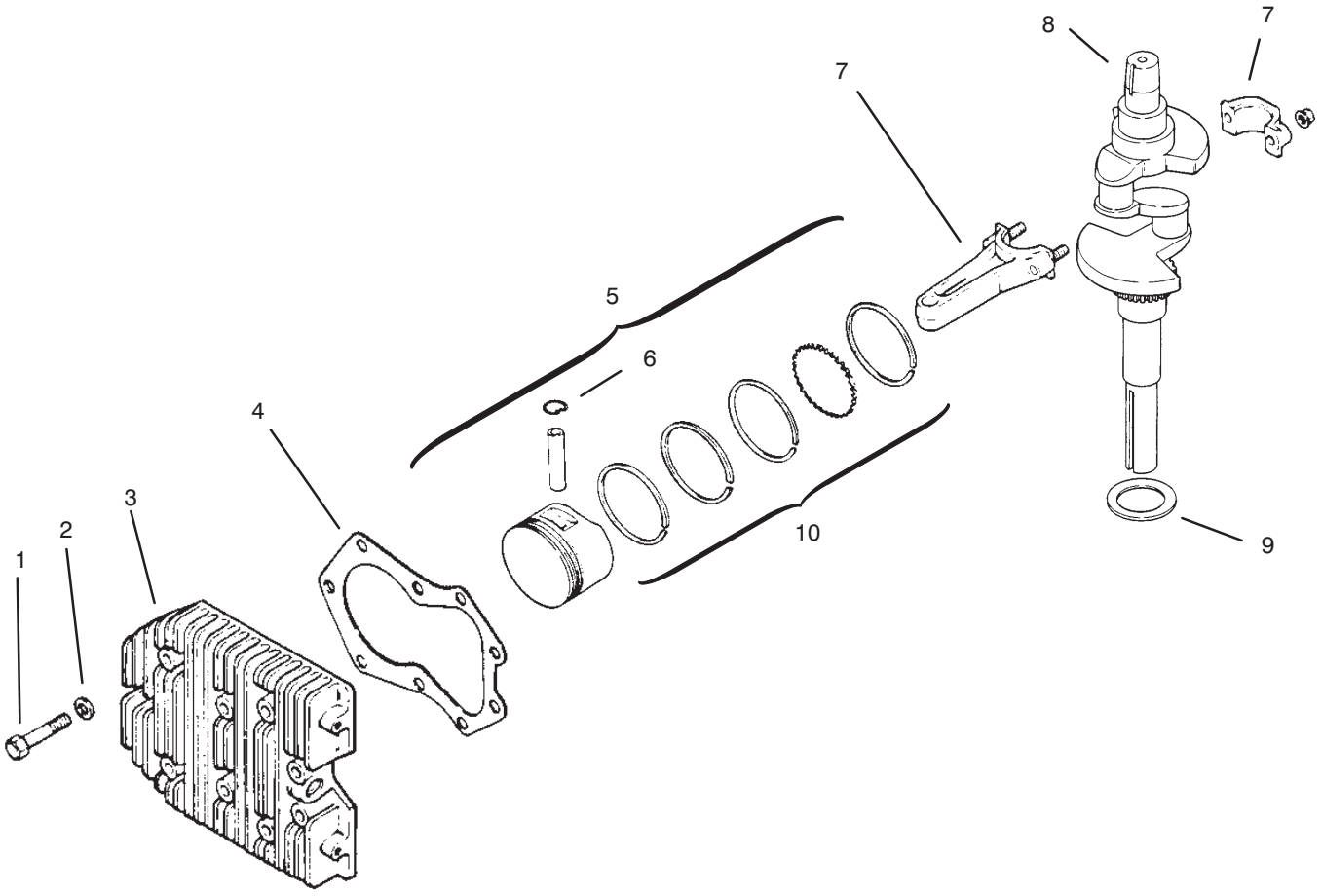
Ref. No.	Part No.	Description	No. Used
15	25 141 03	Ring	4
16	25 158 08	Bushing – Linkage	4
17	25 086 21	Screw – Hex. Washer Hd.	1
18	52 089 08	Spring – Torsion	1
19	52 090 14	Lever – Throttle	1
20	52 079 07	Linkage – Governor	1
21	52 211 04	Screw – R.H. Sq. Neck	1
22	52 186 09	Arm – Governor	1
23	x–81–1	Nut	1
24	52 079 06	Linkage – Throttle	1
25	52 089 07	Spring – Governor	1
26	25 086 15	Screw – Hex. Washer Hd.	1
27	52 158 07	Bushing – Throttle Control	1
28	277341	Washer – Tension	1
29	52 090 25	Lever – Speed Control	1



FUEL PUMP, LINE AND FILTER

Ref. No.	Part No.	Description	No. Used
1	25 155 02	Connector – Hose	1
2	25 041 09	Gasket – Fuel Pump	1
3	52 559 01	Pump – Fuel (Incl. Ref. #1–5)	1
4	X–25–63	Washer – Flat	2
5	X–380–1	Connector – Hose	1

Ref. No.	Part No.	Description	No. Used
6	47 086 08	Screw – Posidriv T.H.	2
7	X–426–9	Clamp – Hose	4
8	52 353 18	Line – Fuel	1
9	25 050 03	Filter – Fuel	1
10	25 353 03	Line – Fuel	1



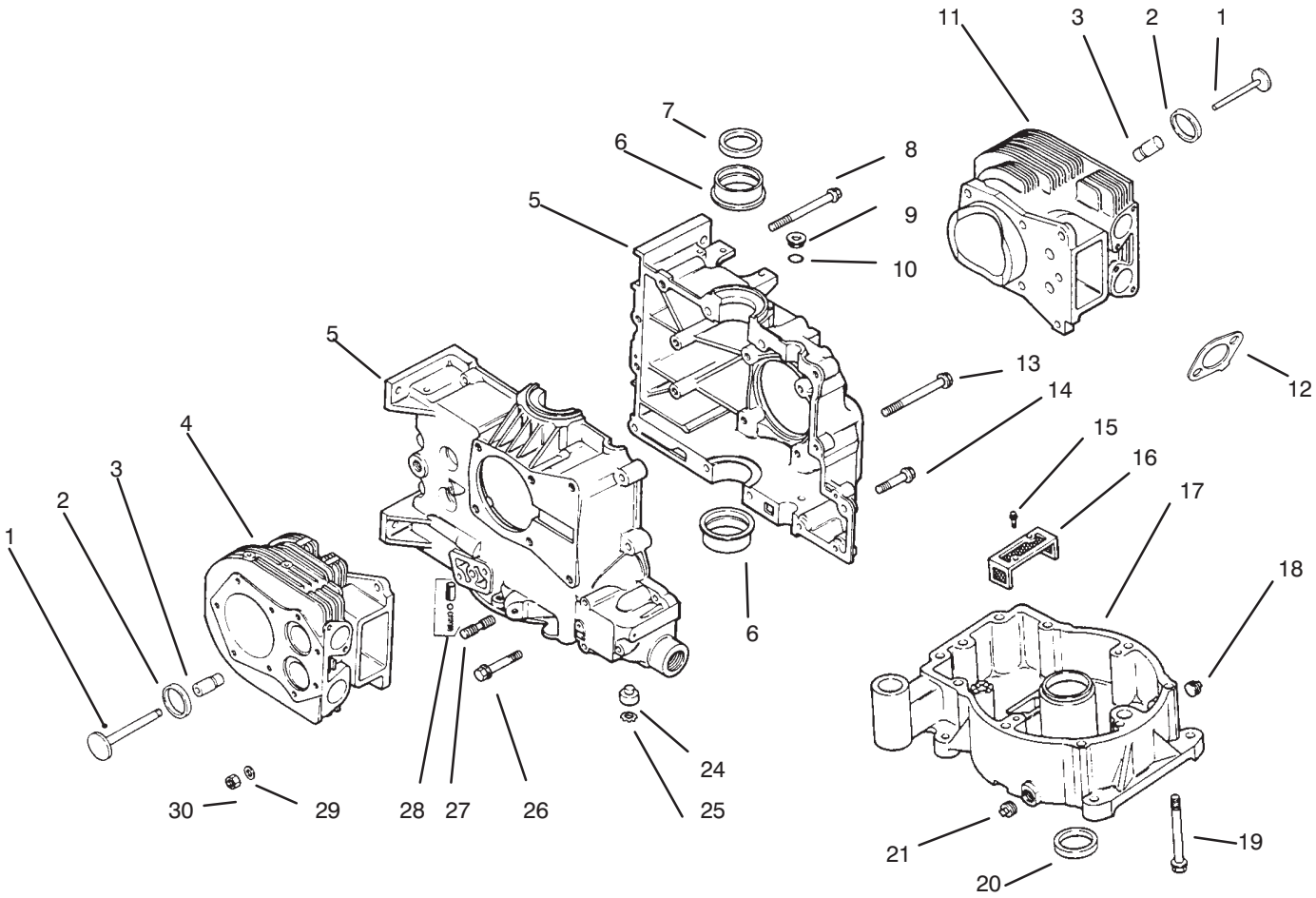
CYLINDER HEAD, CRANKSHAFT, PISTONS AND CONNECTING RODS

Ref. No.	Part No.	Description	No. Used
1	41 086 02	Screw – Hex. Hd.	18
2	220534	Washer – Flat	18
3	52 015 10	Head – Cylinder	2
4	52 041 20	Gasket – Head	2
5	52 874 11	Piston – w/Ring Set (Std.)	2
*	52 874 12	Piston – w/Ring Set (.003)	2
*	52 874 13	Piston – w/Ring Set (.010)	2
*	52 874 14	Piston – w/Ring Set (.020)	2
*	52 874 15	Piston – w/Ring Set (.030)	2
6	230004	Retainer – Piston Pin	4

Ref. No.	Part No.	Description	No. Used
7	52 067 67	Rod – Connecting (Std.)	2
*	52 067 68	Rod – Connecting (.010)	2
8	52 014 93	Crankshaft	1
9	52 468 03	Washer – .119 /.122	A/R
*	52 468 04	Washer – .128 /.131	1
*	52 468 05	Washer – .137 /.140	A/R
10	52 108 09	Ring – Set (Std. & .003)	2
*	52 108 10	Ring – Set (.010)	2
*	52 108 11	Ring – Set (.020)	2
*	52 108 12	Ring – Set (.030)	2

*Not Illustrated

3317–799

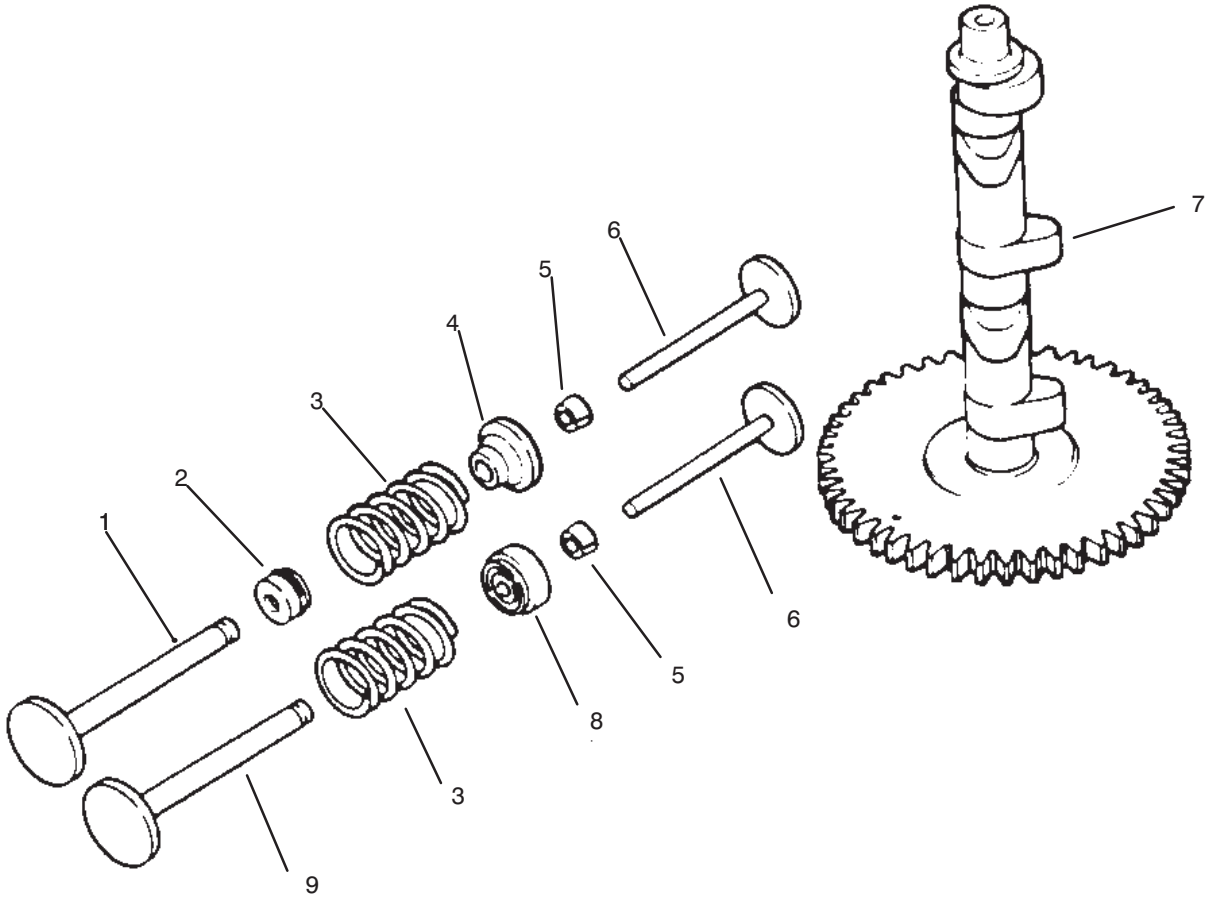


CRANKCASE, OIL PAN AND EXHAUST GASKET

Ref. No.	Part No.	Description	No. Used
1		Valve – Exhaust (Ref)	2
*		Valve – Intake (Ref)	2
2	52 031 01	Inset – Valve Seat	2
3	52 316 06	Guide – Valve	2
4	82 755 16	Kit – #2 Cylinder Barrel (Incl. Ref. #1–3)	1
5		Crankcase (Ref. Short Block)	
*	52 522 30	Short Block	1
*	52 755 94	Gasket Set	1
6	52 030 10	Bearing – Sleeve (Std.)	2
*	52 030 11	Bearing – Sleeve (.010)	2
*	52 030 12	Bearing – Sleeve (.020)	2
7	52 032 10	Seal – Oil Front	1
8	25 086 11	Screw – Hex Flange	8
9	52 139 08	Plug	1
10	52 141 02	O–Ring	1
11	82 755 17	Kit – #2 Cylinder Barrel (Incl. Ref. #1–3)	1

Ref. No.	Part No.	Description	No. Used
12	52 041 14	Gasket – Exhaust	2
13	25 086 13	Screw – Hex. Flange	2
14	25 086 10	Screw – Hex. Flange	3
15	X–67–64	Screw – Hex. Washer Hd.	2
16	52 050 03	Filter – Oil Pickup	1
17	52 199 12	Pan – Oil	1
18	X–75–38	Plug – Countersunk Hex.	1
19	52 086 12	Screw – Hex. Washer Hd.	9
20	52 032 10	Seal – Rear Oil	1
21	X–75–10	Plug – Sq. Hd.	2
24	52 078 05	Shaft – Governor	1
25	X–269–43	Ring – Retaining	1
26	25 086 12	Screw – Hex. Flange	2
27	52 072 12	Stud – Step	12
28	52 755 50	Kit – Oil Relief	1
29	52 468 12	Washer – Flat	12
30	X–82–2	Nut	12

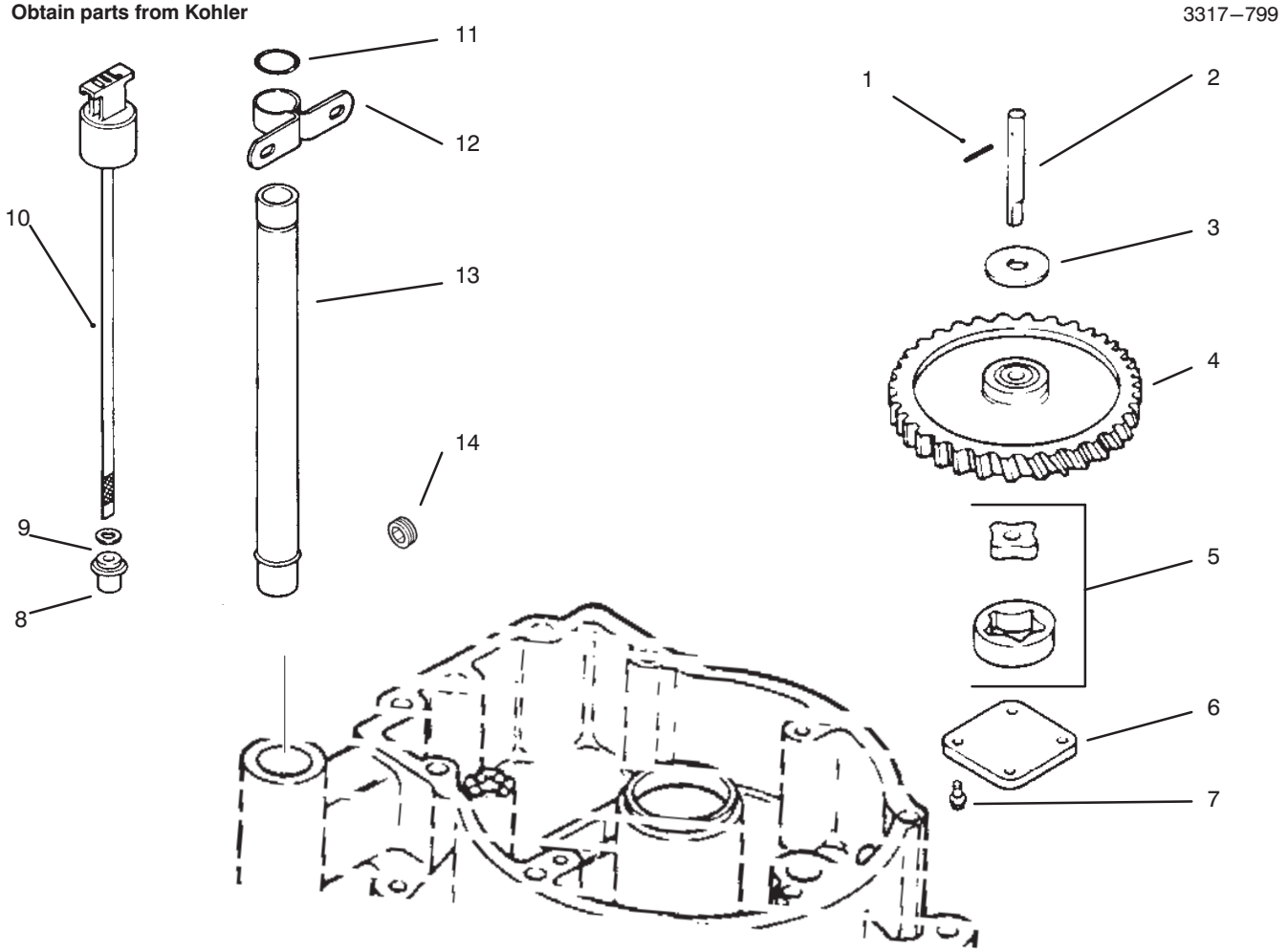
*Not Illustrated



CAMSHAFT AND VALVES

Ref. No.	Part No.	Description	No. Used
1	52 017 08	Valve — Intake	2
2	52 032 13	Seal — Intake Valve Stem	2
3	25 089 01	Spring — Valve	4
4	230011	Retainer — Intake Valve	2
5	41 755 10	Kit — Retainer	4

Ref. No.	Part No.	Description	No. Used
6	52 019 03	Tappet	4
7	52 012 09	Camshaft	1
8	52 413 01	Rotator — Exhaust Valve	2
9	52 016 05	Valve — Exhaust	2

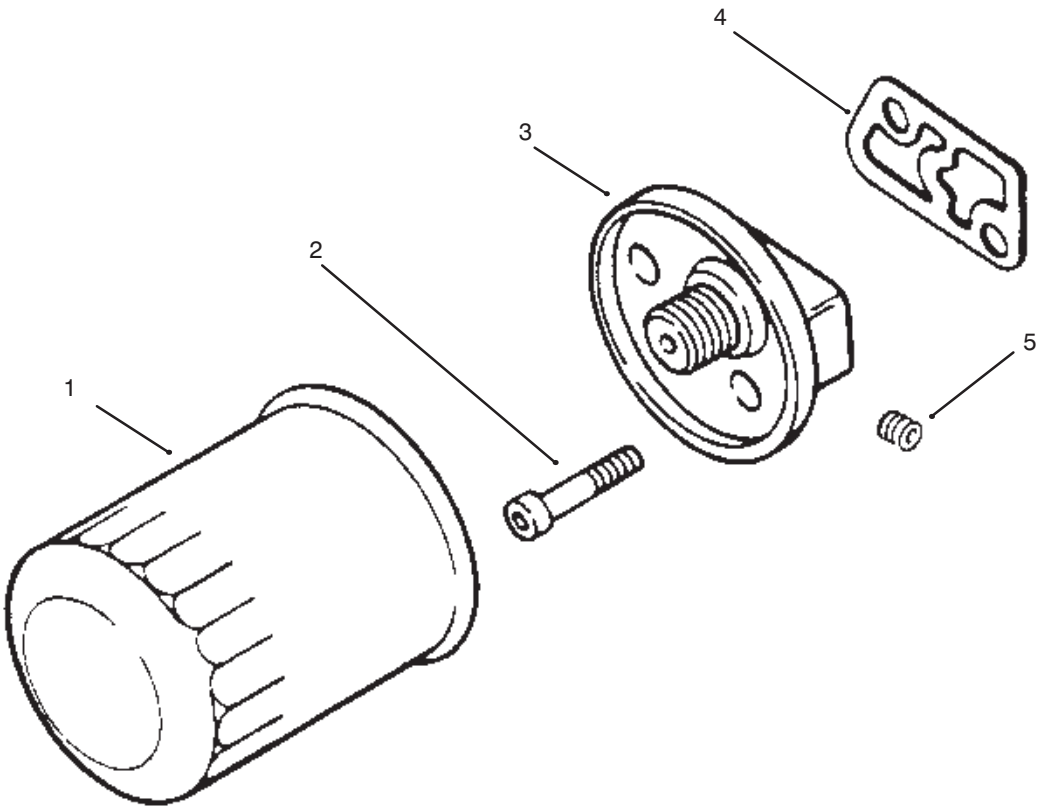


OIL PUMP AND DIPSTICK

Ref. No.	Part No.	Description	No. Used
1	X–280–25	Pin – Roll	1
2	52 144 23	Shaft – Oil Pump	1
3	52 422 01	Spacer – Shim	2
4	52 043 05	Gear – Oil Pump	1
5	52 393 23	Rotor Set	1
6	52 096 50	Cover – Oil Pump	1
7	52 086 21	Screw – Hex. Washer Hd.	4

Ref. No.	Part No.	Description	No. Used
8	52 032 14	Seal – Rubber	1
9	X–25–44	Washer – Flat	1
10	52 038 14	Dipstick (Incl. Ref. #8–9)	1
11	41 153 01	”O”Ring	1
12	52 126 11	Bracket – Oil Tube Support	1
13	52 123 20	Tube – Oil Fill	1
14	47 139 01	Plug – Countersunk Hex.	1

*Not Illustrated

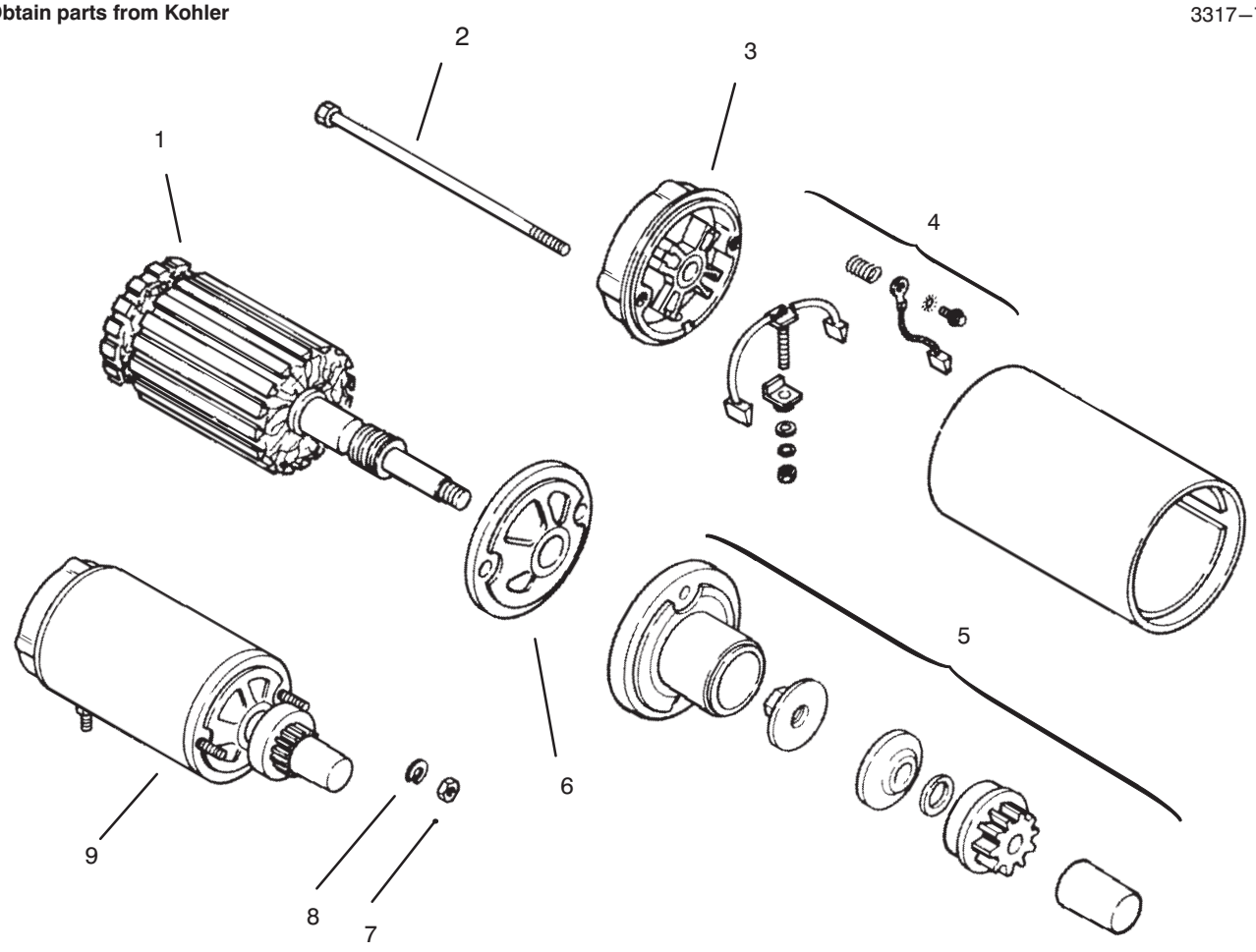


OIL FILTER AND PIPE PLUG

Ref. No.	Part No.	Description	No. Used
1	52 050 02	Oil Filter	1
2	X–55–15	Screw – Hex. Socket Hd.	2
3	52 181 03	Adapter – Oil Filter	1

Ref. No.	Part No.	Description	No. Used
4	52 041 16	Gasket – Oil Filter	1
5	X–75–23	Plug – Pipe	1
*	82 755 23	Kit – Adapter (Incl. Ref. #2–5)	1

*Not Illustrated

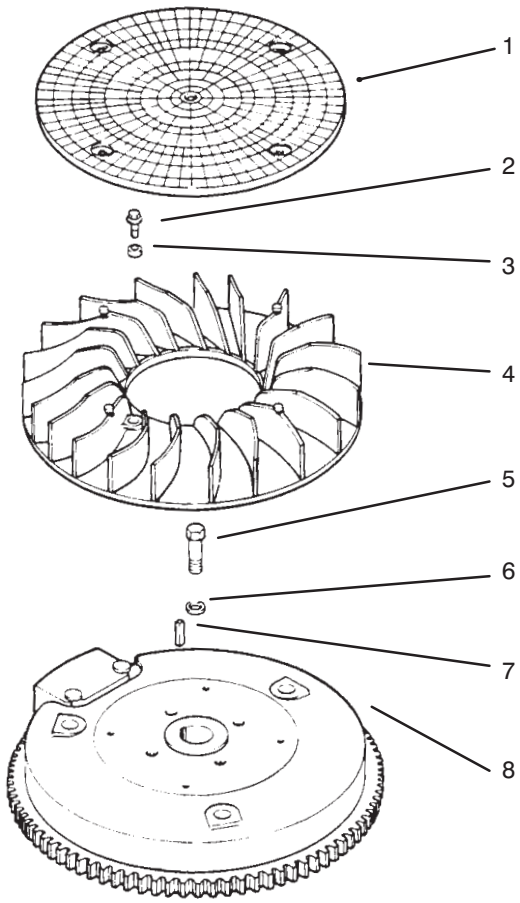


STARTER

Ref. No.	Part No.	Description	No. Used
1	52 170 05	Armature	1
2	52 211 01	Bolt	2
3	52 227 10	Cap – Commutator End	
4	48 755 28	Kit – Brush	1
5	52 755 26	Kit – Drive	7
6	52 081 07	Cap – Drive End	1

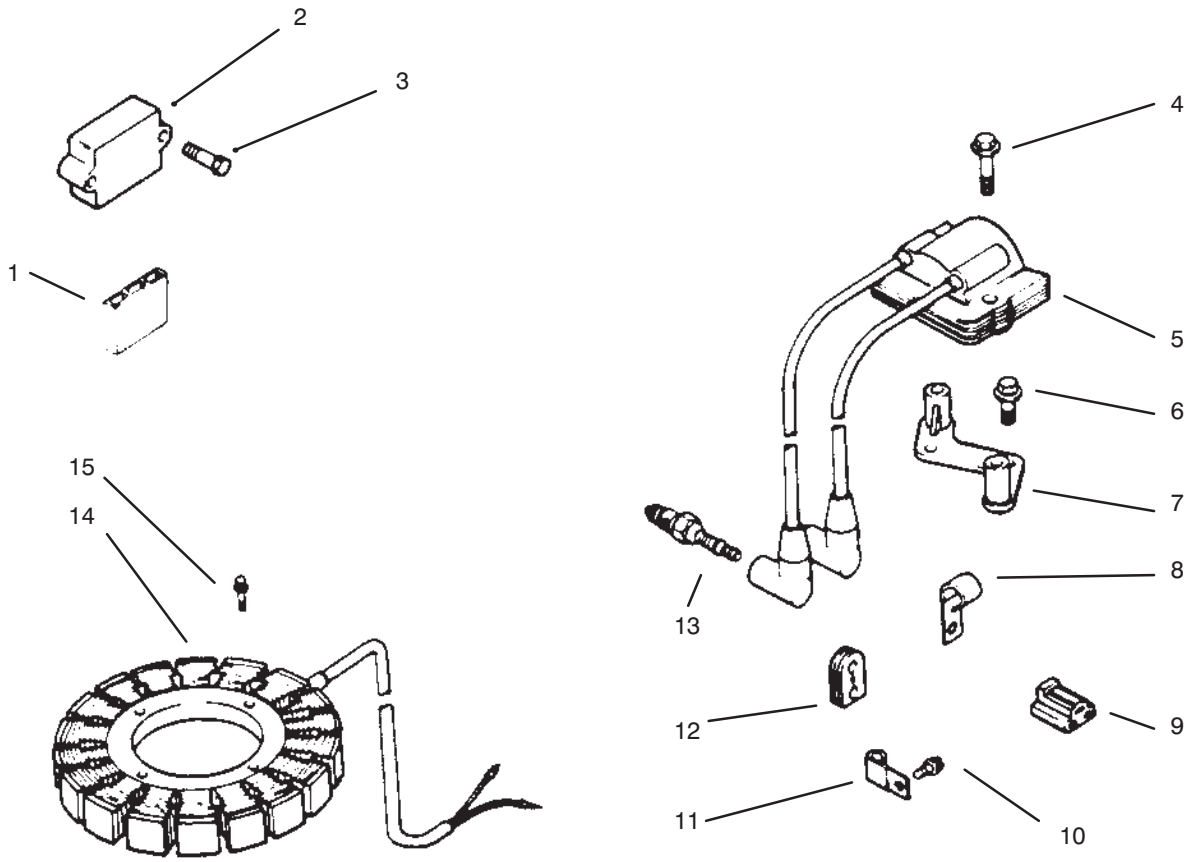
Ref. No.	Part No.	Description	No. Used
7	X–81–1	Nut – Hex.	2
8	X–20–1	Washer – Lock	2
9	52 098 12	Starter Assembly (Incl. Ref. #1–8)	1
*	52 357 01	Lubricant – Starter	1

*Not Illustrated



FLYWHEEL

Ref. No.	Part No.	Description	No. Used
1	25 162 01	Screen — Grass	1
2	25 086 21	Screw — Hex. Washer Hd.	4
3	25 112 04	Spacer	4
4	25 157 01	Fan	1
5	25 086 24	Screw — Hex. Hd. Machine	1
6	52 468 15	Washer — Flat	1
7	X—286—17	Key — Square	1
8	52 025 36	Flywheel	1



IGNITION

Ref. No.	Part No.	Description	No. Used
1	236602	Connector	1
2	25 755 03	Kit – Rectifier / Regulator (Incl. Ref.#3)	1
3	X–132–5	Screw – H.C.	2
4	25 086 16	Screw – Hex. Washer Hd.	2
5	52 584 02	Module – Ignition	1
6	25 086 15	Screw – Hex. Washer Hd.	2
7	52 126 08	Bracket – Module	1
8	235173	Clip	1

Ref. No.	Part No.	Description	No. Used
9	236473	Connector	1
10	X–67–83	Screw – Hex. Washer Hd.	1
11	48 154 02	Clip	1
12	52 313 02	Grommet	1
13	52 132 02	Spark Plug	2
14	X–67–51	Screw – H.C.	4
15	237878	Kit – Stator (Incl. Ref. #15)	1
*	47 518 33	Lead – Violet	1
*	52 518 19	Lead – White	1

*Not Illustrated

TORO PART NUMBER INDEX

Part No.	Description	Pg. No.	Ref. No.	Qty.
112843	Washer – PTO	4	17	1
608006	Key	4	21	1
7–5461	Spacer	2	3	1
10–8110	Washer – Flat	3	17	A/R
12–3270	Screw – Hex. Hd.	2	28	6
12–3270	Screw – Hex. Hd.	4	32	6
12–3270	Screw – Hex. Hd.	1	34	4
12–5950	Rod – Battery Support	6	16	2
23–0660	Switch – Ignition	7	16	1
26–9671	”V”Belt	4	19	1
26–9671	Belt – Traction	2	12	1
27–6230	Bolt	2	19	1
28–3891	Wire Assembly	4	34	1
28–3893	Cable – Battery	6	13	1
93–7439	Wire Harness	9	1	1
44–8310	Ring – Retaining	5	3	2
44–8320	Spring	5	10	3
44–8330	Spacer	5	6	1
44–8340	Collar – Bearing	5	7	1
44–8360	Field Coil, Rotor & Bearing	5	4	1
47–1970	Grip – Engagement	2	5	1
47–2982	Hose – Fuel	1	28	1
47–2982	Hose–Gas	4	3	1
51–4160	Pulley – Wheel	3	19	4
51–4170	Spacer – Pulley	3	20	8
51–4180	Drum – Brake	3	22	2
51–4190	Pulley – Driven	2	13	1
51–4210	Pad – Battery Mount	6	3	2
51–4220	Guard – Coupler	2	8	2
51–4230	Washer – Wheel	3	29	2
51–4240	Shaft – Extension R.H.	3	5	1
51–4250	Shaft – Extension L.H.	3	*	1
51–4260	Coupler	2	7	1
51–4270	Bearing – Shaft Extension	3	1	2
51–4290	Belt – Drive	3	11	2
51–4370	Spring – Torsion R.H.	1	*	1
51–4380	Spring – Torsion L.H.	1	22	1
51–4450	Screw – Leveler	1	21	2
51–4480	Idler – Wheel	1	18	2
51–4490	Spacer – Idler Wheel	1	19	2
51–4540	Retainer – Clutch	4	23	1
51–4580	Rod – Brake	3	3	2
51–4600	Brake Arm R.H.	3	*	1
51–4610	Brake Arm L.H.	3	9	1
51–4650	Link – Brake	3	21	2
51–4660	Plate – Link Brake	3	26	2
51–4700	Brake Band Assembly	3	23	2
51–4850	Lever – Parking Brake	8	1	1
52–2890	Bushing	1	5	2
54–0230	Field Ass’y	5	1	1
54–2750	”V”Belt – Deck Drive	4	*	1
54–2970	Spacer	7	12	2
54–3090	Cable – Battery	6	7	1
54–3200	Clutch Brake Assembly	4	18	1
55–3570	Fuel Tank	1	1	1
55–7410	Armature & Pulley Assemble	5	5	1
55–7660	”V”Belt – Deck Drive	4	*	1
62–4540	Pulley – Idler	2	22	1
63–7590	Relay	9	2	1
63–7590	Relay	7	21	1
63–8360	Key	7	5	2
65–3090	Decal – Instruction	7	7	1
66–7400	Plate – Control	1	8	1
67–6370	Bracket – Support R.H.	1	*	1
67–6380	Bracket – Support L.H.	1	14	1
67–6440	Handle – Upper	7	28	1
68–2050	Muffler	4	25	1
68–2190	Spring – Extension	2	18	18
68–3240	Gasket – Muffler	4	8	2
68–3810	Tube –Vent	6	6	1
68–9690	Fitting – Rod	1	6	2
72–2190	Mount – Shift Lever	2	1	1
74–0040	Spacer – Pivot Idler	1	23	4
74–0050	Sheave – Lower Half	4	20	1
74–0060	Sheave – Upper Half	4	22	1
74–0220	Idler – Bracket L.H.	1	20	1
74–0230	Idler – Bracket R.H.	1	*	1
74–0320	Lever – Shift	2	2	1
74–0360	Frame – Rear	1	27	1
74–0380	Control – Pivot	8	13	1
74–0470	Rod – Pivot	8	15	1
74–0480	Pulley – Drive	3	7	2
74–0510	Valve – Fuel	1	30	1
74–0521	Fitting – Rod	1	13	2
74–0610	Transmission	2	17	1
74–0720	Tube – Manual	7	1	1
74–0730	Control – Choke	7	3	1
77–0980	Boot – Terminal	6	9	1
77–0981	Boot – Terminal	6	10	1
82–2180	Panel – Control	7	4	1
82–2190	Switch – Bail	8	5	1
82–2290	Decal – Control Bar	8	7	1
82–2300	Switch – Clutch	7	9	1
82–3820	Boot	7	8	1
82–4620	Strap – Battery	6	12	1
82–4640	Battery	6	5	1
82–4800	Lever – Idler	2	21	1
82–7631	Rod – Control	8	12	2
82–7680	Bail Assembly	8	10	1
82–8440	Tank – Fuel	1	2	1
84–1830	Cap – Battery	6	17	1
86–7910	Module – Interlock	9	3	1
86–7910	Module – Interlock	7	18	1
92–1746	Bearing	3	14	4
92–2350	Holder – Battery	6	4	2
92–9845	Solenoid – 12V	4	33	1
93–1187	Panel – Bottom	7	19	1
93–1190	Control – Throttle	7	14	1
93–6657	Decal – Danger	7	10	1
93–6668	Decal – Battery	6	18	1
93–7276	Decal – Danger ????	6	19	1
93–7293	Decal – Control Panel	7	2	1
93–7297	Decal – Ground Speed	1	7	1
93–7298	Bar – Control	8	4	1
93–7299	Decal – Reverse Handle	8	14	1
93–7431	Guard – Transmission Shaft	2	27	1
93–7433	Guard – Belt, R.H.	2	*	1
93–7434	Guard – Belt, L.H.	2	29	1
93–7436	Mount – Angle	1	32	2
93–7437	Panel – Bottom	1	33	1
93–7438	Frame	1	26	1
93–7442	Decal – Parking Brake	8	2	1
93–8069	Decal – Hot	4	28	1
93–9353	Decal – Fuel Shut Off	1	31	1
93–9464	Guard – Muffler	4	29	1
218–461	Nut	7	6	1
218–595	Connector – Body	8	3	1
231–111	Tire	3	12	2
232–27	Valve Stem	3	16	2
237–7	”O”Ring	1	35	1
237–124	Grommet	1	25	1
237–141	Grommet – Rubber	8	9	2
242–80	Rim	3	15	2
2412–73	”R”Clamp	4	26	1
2412–98	Clamp – Fuel Line	4	1	2
2412–98	Clamp – Fuel line	1	29	1
2412–120	”R”Clamp	7	24	2
251–291	Bearing – Pulley	5	8	1
251–292	Bearing – Field	5	2	1
256–155	Bushing	2	24	2
283–6	Pin – Clevis	1	12	2
288–4	Pipe Cap	4	11	1
289–48	Pipe Nipple	4	10	1
2811–10	Elbow – 90° Street	4	9	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

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302−5	Fitting − Grease	2	6	2
302−11	Fitting − Grease	3	13	2
321−3	Screw − Hex Hd.	7	20	2
321−4	Screw − Hex. Hd.	3	2	4
322−2	Screw − Hex. Hd.	2	15	4
322−3	Screw − Hex. Hd..	6	14	2
322−4	Screw − Hex. Hd.	1	10	4
322−7	Screw − Hex. Hd.	3	25	8
322−9	Screw − Hex. Hd.	4	14	4
323−7	Screw − Hex. Hd.	1	16	4
323−9	Screw − Hex. Hd.	6	2	2
323−9	Screw − Hex. Hd.	2	23	1
323−16	Screw − Hex. Hd.	1	15	2
329−10	Screw − Hex. Hd.	2	4	1
3212−24	Screw − Hex. Hd.	4	15	1
3234−11	Screw − Hex. Hd.	7	23	4
3241−5	Screw − Socket Hd.	2	11	1
3245−3	Screw − Socket Hd. Set	3	6	2
3253−4	Washer − Lock	1	9	4
3253−4	Washer − Lock	4	13	5
3253−4	Washer − Lock	2	16	4
3253−4	Washer − Lock	3	24	8
3253−22	Washer − Lock	4	16	1
3254−5	Washer − Lock	7	15	1
3255−7	Washer	7	29	1
3255−8	Washer − External Tooth	4	7	1
3256−23	Washer − Flat	1	4	9
3256−23	Washer − Plain	4	12	6
3256−24	Washer	2	30	1
3257−5	Key − Woodruff	3	4	3
3274−10	Screw − Socket Hd.	4	24	4
3290−307	Pin − Cotter	3	8	2
3290−307	Pin − Cotter	1	11	4
3290−307	Pin − Cotter	8	11	2
3290−378	Cable Tie	7	26	3
3296−2	Nut − Lock	8	6	5
3296−2	Nut − Lock	7	11	4
3296−5	Nut − Lock	5	9	3
3296−6	Nut	2	25	1
3296−23	Nut − Lock	1	17	2
3296−39	Nut − Lock	6	15	2
3296−39	Nut − Lock	2	20	1
3296−39	Nut − Lock	1	24	6
3296−42	Nut − Hex	7	17	2
3296−42	Nut − Lock	2	9	4
3296−42	Nut − Lock	6	11	2
32103−25	Nut − Wing	1	3	2
32105−1	Screw − Hex. Hd. Machine	8	8	1
32105−14	Screw − Hex. Hd. Machine	7	13	4
32120−64	Ring − Retaining	2	10	3
32128−21	Nut − Lock	7	27	4
32144−14	Screw − Hex. Hd.	2	26	2
32144−19	Screw − Self Tapping	7	25	4
32149−1	Nut	6	8	2
32149−1	Nut − Lock	4	5	1
32149−2	Nut − Lock	4	4	1
32149−2	Nut − Lock	4	31	2
32151−40	Ring − Retaining	3	10	2
32151−56	Ring − Retaining	3	28	2
32151−72	Ring − Retaining	3	27	4
32151−80	Ring − Push On	8	16	2
32151−91	Ring − Retaining	3	18	2
32152−1	Nut − Lock	4	6	4

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36 Cutting Unit	Model No. 30136
37 Recycler Deck	Model No. 30137
44 Cutting Unit	Model No. 30144
48 Recycler Deck	Model No. 30148
52 Cutting Unit	Model No. 30152
62 Cutting Unit	Model No. 30162
36 Deck Bag Kit	Model No. 30125
37 Deck (Cloth Bag) Bag Kit	Model No. 30129
37 Deck (Steel Hopper) Bag Kit	Model No. 30130
44/52 Deck Bag Kit	Model No. 30128
2−5 HOC Kit	Part No. 84−5010
Kit Front Weight	Part No. 80−3350
Steerable Sulky	Model No. 30123

Compliance with Radio Interference Regulations Certified.
Certifie Conforme au Reglement sur le Brouillage Radioelectrique.

*Not Illustrated

Litho in U.S.A.

PRODUCT CHANGES

In an effort to make improvements available to TORO owners as quickly as possible, minor changes are incorporated into Toro's products from time to time that do not become immediately shown in the Parts Catalog. If such a change has been made in your unit, which is not reflected in your manual, see your TORO Distributor or his Authorized TORO Service Dealer for information and part numbers.

COUNTRIES OTHER THAN THE UNITED STATES OR CANADA

Customers who have purchased TORO products exported from the United States or Canada should contact their Toro Distributor (Dealer) to obtain guarantee policies for your country, province or state. If for any reason you are dissatisfied with your Distributor's service or have difficulty obtaining guarantee information, contact the TORO importer. If all other remedies fail, you may contact us at The Toro Company.

MAINTENANCE RECORD

Date								

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