FORM NO. 3317–803

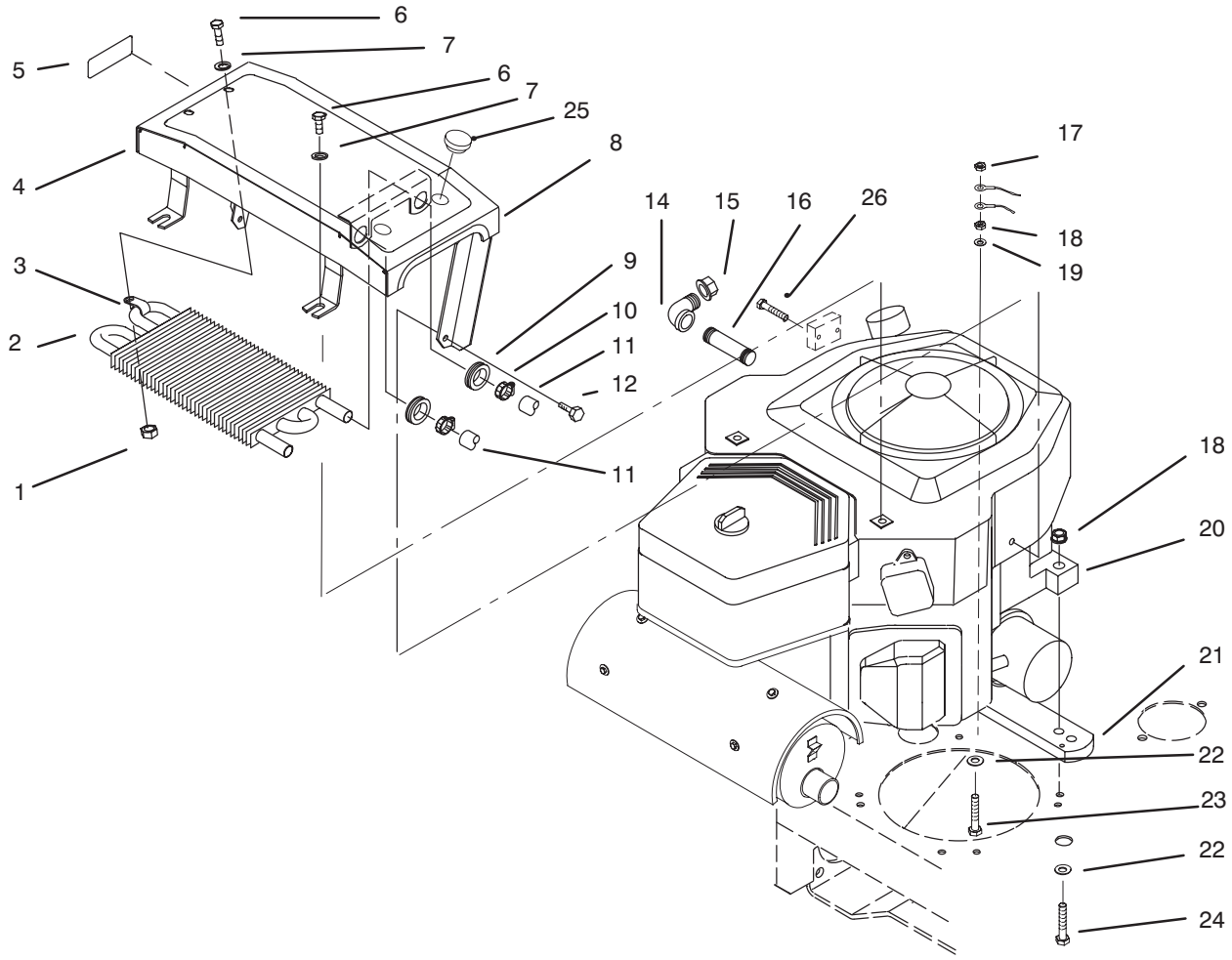
TORO®

MODEL NO. 30191–690001 & UP

PARTS CATALOG

PROLINE MID SIZE TRACTION UNIT

20 HP Hydro DRIVE

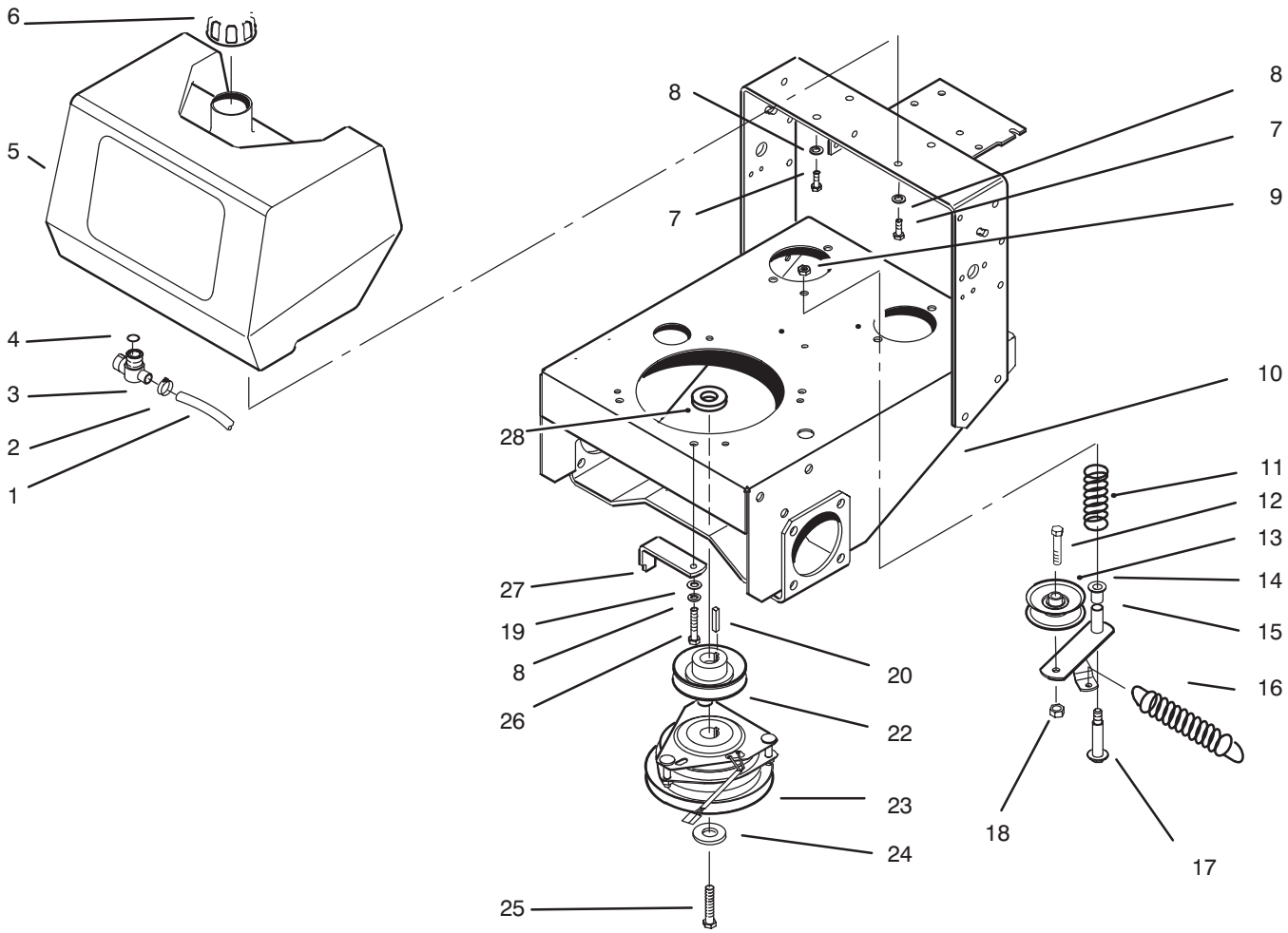


ENGINE,& COOLER

Ref. No.	Part No.	Description	No. Used
1	3296–42	Nut – Lock	2
2	82–4220	Cooler – Oil	1
3	2412–134	”R”Clamp	2
4	93–1183	Mount – Cooler	1
5	74–0490	Decal – Fuel Shut Off	1
6	321–39	Screw – Hex. Hd.	4
7	3256–1	Washer – Flat	4
8	29–0642	Trim	1
9	240–9	Grommet	2
10	2412–136	Clamp Hose	2
11	82–4190	Hose – Hydro	2
12		Screw–w/Engine	
14	2811–10	Fitting – Elbow	1

Ref. No.	Part No.	Description	No. Used
15	288–4	Cap – Pipe	1
16	289–42	Nipple – Pipe	1
17	32149–1	Nut – Keps	1
18	32153–3	Nut – Lock	4
19	3255–8	Washer – Flat	1
20		Engine (18 Hp. Kohler CV20S–PS65522)	1
21	93–1176	Spacer – Engine	2
22	3256–23	Washer – Flat	4
23	322–11	Screw – Hex. Hd.	2
24	322–10	Screw – Hex. Hd.	2
25	2410–71	Plug	2
26	32144–74	Screw	2

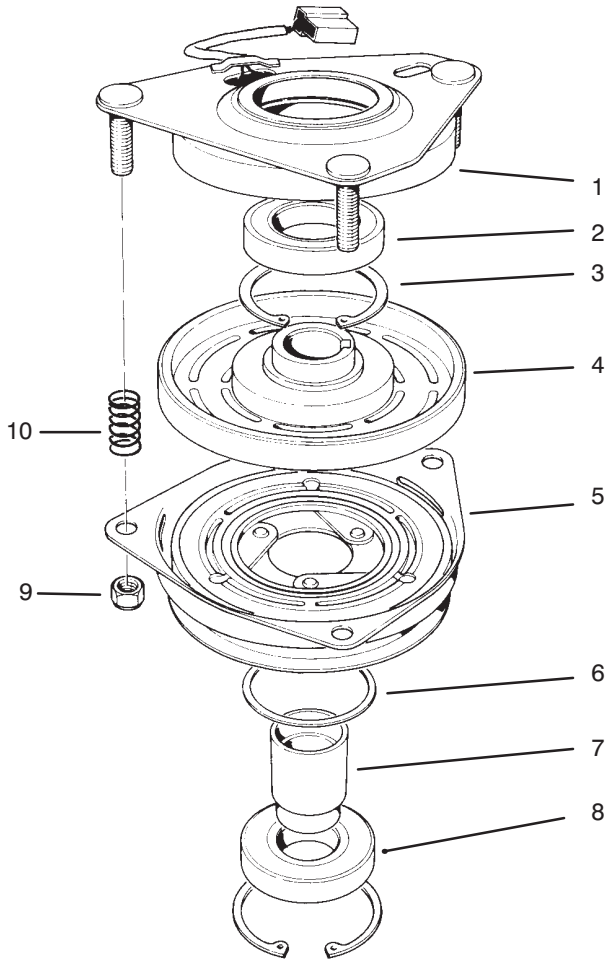
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FUEL TANK, CLUTCH & IDLER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	82–4390	Hose – Fuel	1
2	2412–98	Clamp – Hose	2
3	74–0510	Valve – Fuel Shut Off	1
4	237–7	”O”Ring	1
5	82–8440	Tank – Fuel	1
6	55–3570	Cap Assembly – Fuel	1
7	322–3	Screw – Hex. Hd.	4
8	3253–4	Washer	5
9	3296–6	Nut – Lock	1
10	82–3900	Frame Assembly	1
11	88–1880	Spring – Compression	1
12	323–9	Screw – Hex. Hd.	1
13	62–4540	Pulley – Idler	1
14	256–156	Bushing	2

Ref. No.	Part No.	Description	No. Used
15	86–4770	Idler Asm (Incl. Ref.#14)	1
16	68–2190	Spring	1
17	27–6230	Bolt – Wheel	1
18	3296–39	Nut	1
19	3256–23	Washer – Flat	1
20	5–0930	Key	1
22	44–5940	Pulley	1
23	54–3200	Clutch Assembly	1
24	112843	Washer – PTO	1
25	3212–9	Screw – Hex. Hd.	1
26	322–11	Screw – Hex. Hd.	1
27	51–4540	Retainer – Clutch	1
28	93–1177	Spacer – Pulley	1



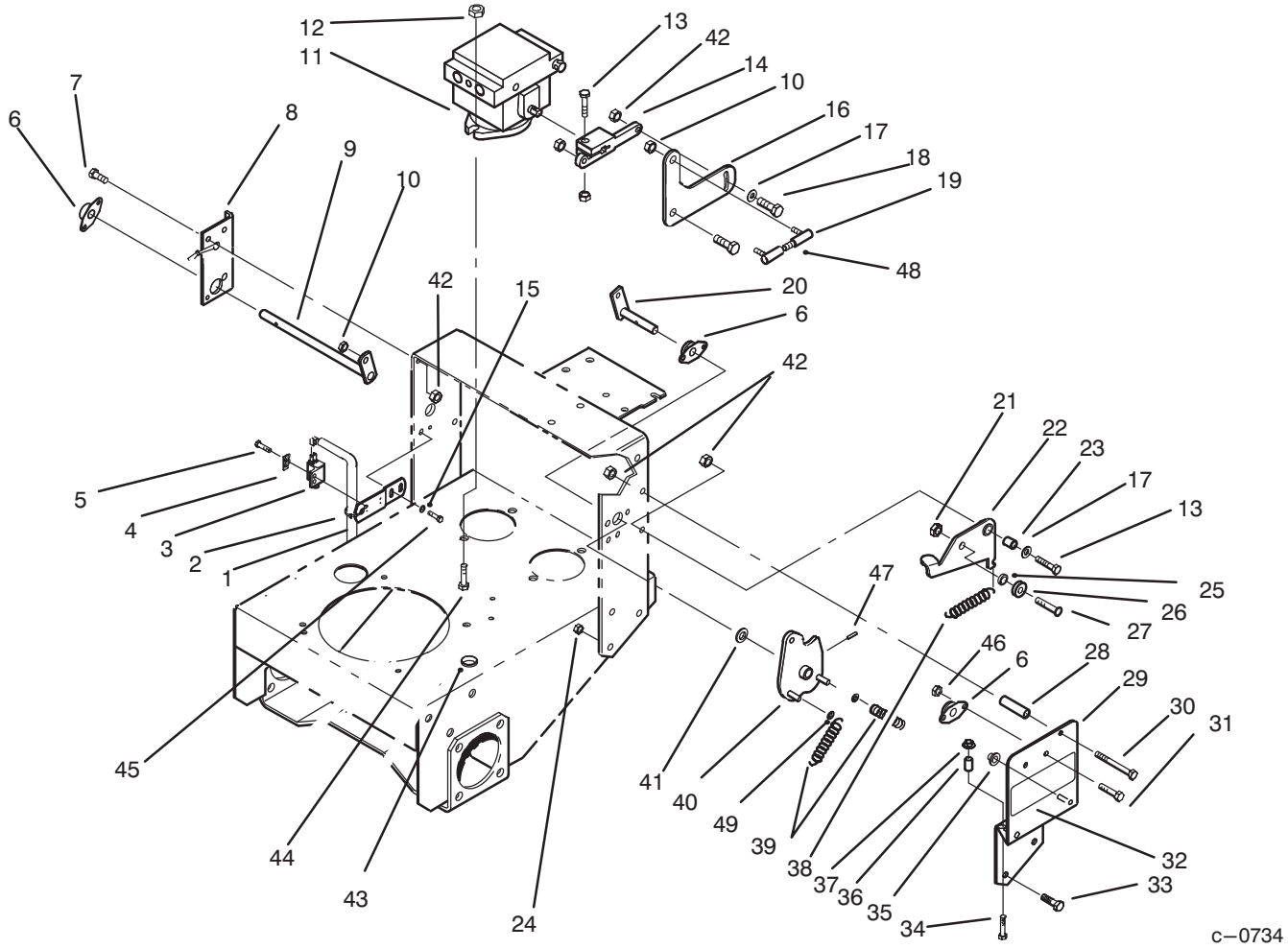
T–0080

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 Assembly (Incl. Ref. # 3, 6, 7, & 8)	1

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

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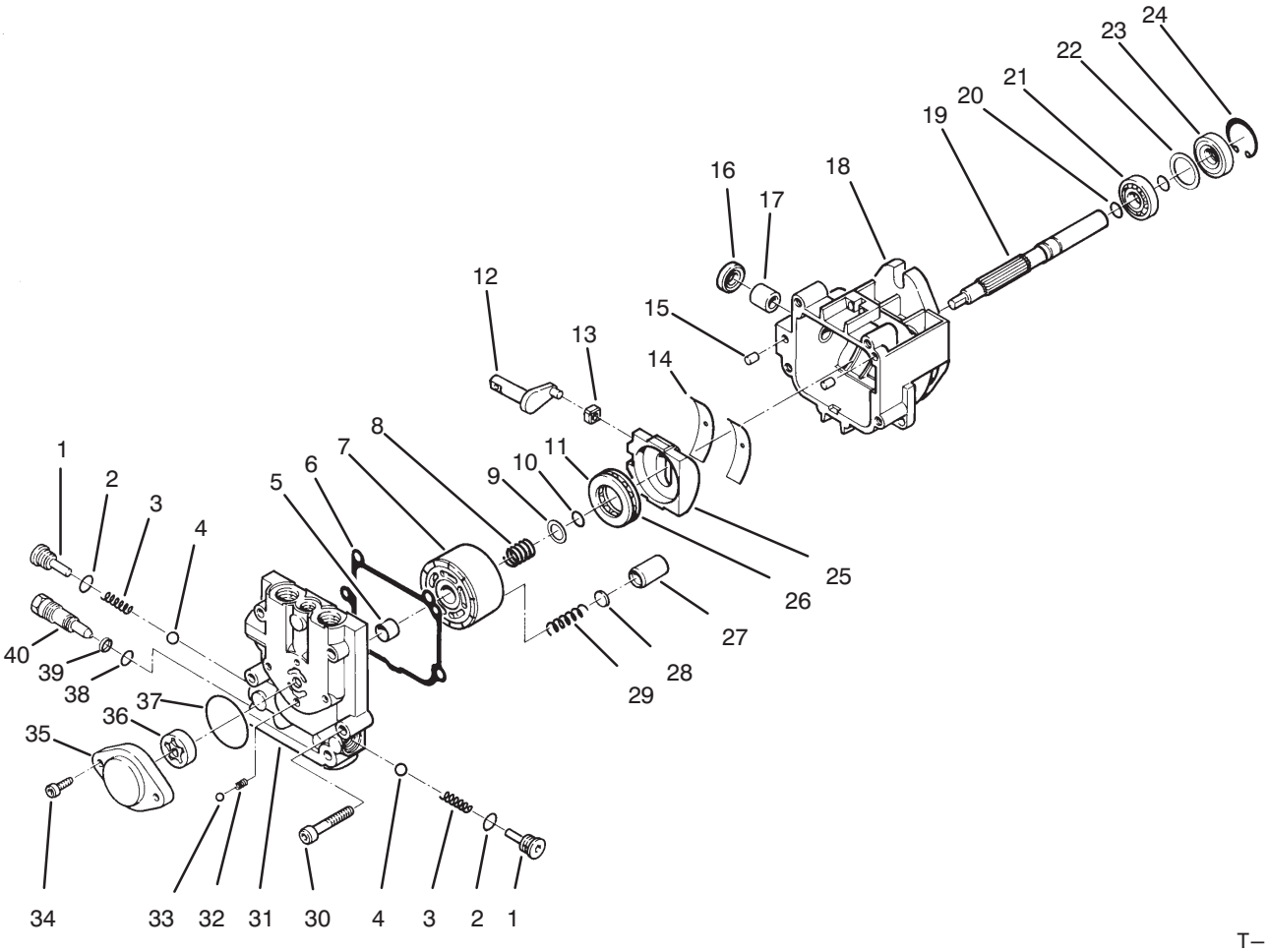


HYDRAULIC PUMP & LINKAGE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	82−4580	Bracket − Neutral	2
2	3290−378	Tie − Cable	2
3	65−7410	Switch Assembly	2
4	82−4570	Plate − Switch	2
5	32144−1	Screw − Hex. Hd.	4
6	82−4130	Bearing Assembly	4
7	322−5	Screw − Hex. Hd.	2
8	82−4210	Bracket − Bushing	1
9	82−4290	Lever Assembly R.H.	1
10	3296−13	Nut − Lock	4
11	82−8220	Pump Assembly	2
12	32128−42	Nut − Lock	4
13	322−7	Screw − Hex. Hd.	4
14	82−3790	Arm − Pump Control	2
15	3256−1	Washer	4
16	82−4230	Arm − Follower	2
17	3256−23	Washer − Flat	4
18	322−5	Screw − Hex. Hd.	4
19	2411−34	Joint − Ball	4
20	82−4270	Lever Assembly − L.H.	1
21	3296−47	Nut − Lock	2
22	82−4330	Detent Arm Assembly L.H.	1
*	82−4340	Detent Arm Assembly R.H.	1
23	82−4370	Bushing	2
24	3296−39	Nut	6
25	82−4240	Spacer	2

Ref. No.	Part No.	Description	No. Used
26	251−259	Bearing − Ball	2
27	3274−32	Screw − Hex. Hd.	2
28	82−3920	Stop − Reverse	2
29	82−4090	Bracket Assembly L.H.	1
*	82−4070	Bracket Assembly R.H.	1
30	322−14	Screw − Hex. Hd.	2
31	321−3	Screw − Hex. Hd.	8
32	82−4600	Decal − Hydro Drive	2
33	323−6	Screw − Hex. Hd.	6
34	321−8	Screw − Hex. Hd.	2
35	32112−11	Nut − Push On	8
36	80−0650	Spacer	2
37	32128−10	Nut −Lock	2
38	82−4160	Spring	2
39	86−4760	Spring	4
40	93−1371	Pivot Assembly L.H.	1
*	93−1372	Pivot Assembly R.H.	1
41	257−5	Washer − Thrust	2
42	3296−29	Nut − Lock	12
43	237−124	Grommet	1
44	324−5	Screw − Hex. Hd.	4
45	32144−3	Screw − Hex. Hd.	4
46	3296−42	Nut − Lock	8
47	32121−4	Pin − Roll	2
48	82−4120	Rod	2
49	32121−11	Pushnut	8

* Not Illustrated

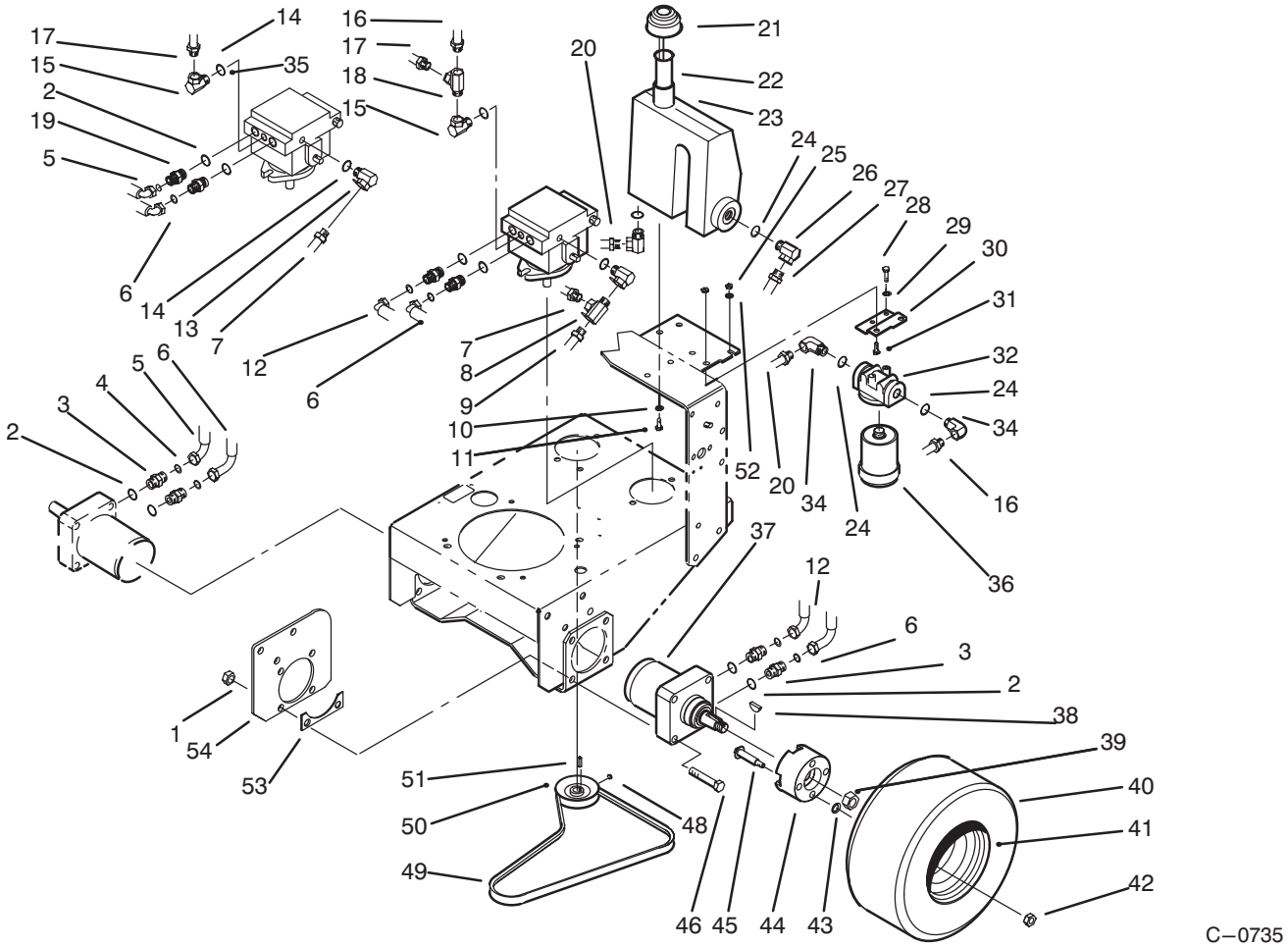


T–1236

HYDRAULIC PUMP ASSEMBLY NO. 82–8220

Ref. No.	Part No.	Description	No. Used
1	80–6120	Check Valve Kit (Incl. Ref. #2–4)	1
2		Seal – O–Ring	2
3		Spring	2
4		Ball	2
5		Journal – Bearing	1
6		Gasket – End Cap	1
7		Cylinder Block Kit (Incl. Ref. #8–10 & 27–29)	1
8		Spring	1
9		Washer	1
10		Ring – Retaining	1
11		Plate – Thrust	1
12		Arm – Trunnion	1
13		Guide – Slot	1
14		Cradle – Bearing	2
15		Pin	2
16		Seal – Lip	1
17		Journal – Bearing	1
18		Housing – Assembly (Incl. Ref. #16 & 17)	1
19		Shaft	1
20		Ring – Retaining	2
21		Bearing – Ball	1
22		Spacer	1
23		Seal – Lip	1
24		Ring – Retaining	1
25		Swashplate Assembly	1
26		Roller – Thrust	1
27		Piston	5
28		Washer – Thrust	5
29		Spring – Piston	5
30		Screw	4
31		End Cap Assembly (Incl. Ref. #5)	1
32		Ball	1
33		Spring	1
34		Screw	2
35		Housing – Charge Pump	1
36		Gerotor Assembly	1
37		Seal – O–Ring	1
38		Seal – O–Ring	1
39		Ring – Back–Up	1
40		Valve – Bypass	1
*	80–6110	Charge Relief Valve Kit (Incl. Ref. #32–33)	1
*	80–6130	Overhaul Seal Kit (Incl. Ref. #6, 10, 16, 20, 23 & 37–39)	1

*Not Illustrated

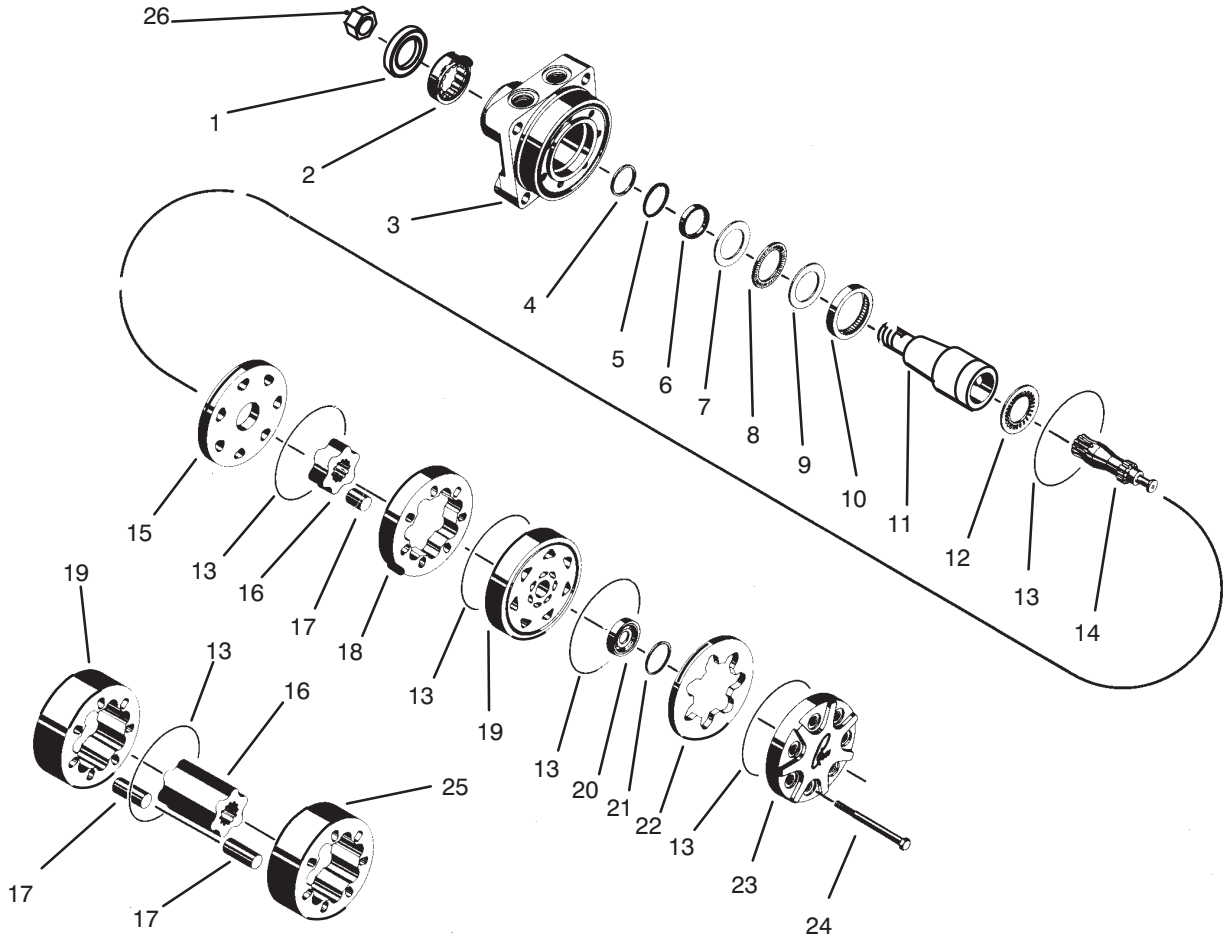


WHEEL ASSEMBLY & HYDRAULIC COMPONENTS

Ref. No.	Part No.	Description	No. Used
1	3296−23	Nut	8
2	237−80	”O”Ring	A/R
3	340−6	Fitting − Hydro.	4
4	237−30	”O”Ring	A/R
5	82−4540	Hose − Hydro.	1
6	82−4550	Hose − Hydro.	2
7	82−4201	Hose − Hydro.	1
8	2815−15	Fitting − Hydro.	1
9	82−4190	Hose − Hydro.	1
10	3253−4	Washer − Lock	3
11	322−3	Screw	3
12	82−4560	Hose − Hydro.	1
13	354−115	Fitting − Hydro.	2
14	237−42	”O”Ring	A/R
15	354−116	Fitting − Hydro.	2
16	82−4180	Hose − Hydro.	1
17	82−4170	Hose − Hydro.	1
18	2815−16	Fitting − Hydro.	1
19	340−4	Fitting − Hydro.	4
20	82−4200	Hose − Hydro.	1
21	76−0200	Cap Assembly − Oil	1
22	29−0590	Screen − Filler	1
23	82−3910	Reservoir − Oil	1
24	237−79	”O”Ring	A/R
25	3296−29	Nut	2
26	354−118	Fitting − Hydro.	2
27	82−4190	Hose − Hydro.	1

Ref. No.	Part No.	Description	No. Used
28	321−3	Screw	2
29	3253−3	Washer − Lock	2
30	82−4140	Bracket − Filter	1
31	322−3	Screw	2
32	54−0100	Head Assembly − Filter	1
34	354−117	Fitting −Hydro.	2
35	237−78	”O”Ring	A/R
36	67−8110	Filter − Oil	1
37	82−8230	Motor − Wheel	2
38	3257−8	Key − Woodruff	2
39	85−7310	Nut (Incl. w/Motor)	2
40	231−117	Tire	2
*	232−27	Valve Stem	2
41	242−87	Wheel	2
42	242−50	Nut − Lug	8
43	32112−17	Nut − Push On	8
44	82−3830	Hub − Wheel	2
45	3213−8	Screw − Hex. Hd.	8
46	325−11	Screw − Hex. Hd.	8
48	3241−5	Screw − Set	4
49	82−4110	”V”Belt	1
50	82−4380	Pulley − Pump	2
51	80−6090	Key	2
52	3256−23	Washer	1
53	86−4740	Spacer	2
54	86−4730	Plate − Frame	2

*Not Illustrated



C–0737

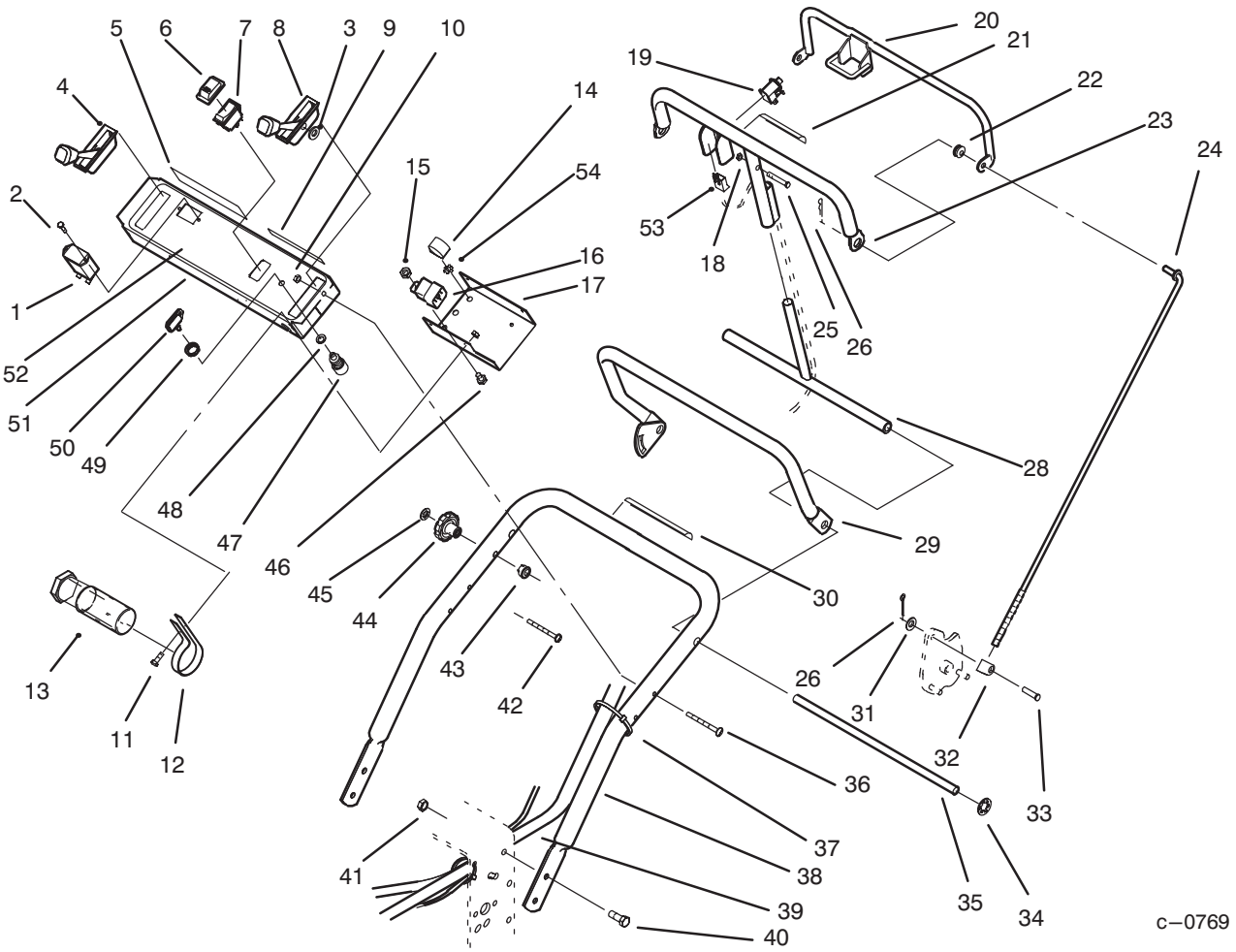
TRACTION DRIVE MOTOR (Torqumotor)

Ref. No.	Part No.	Description	No. Used
1		Seal	1
2		Bearing	1
3		Housing	1
4		Washer – Back Up	1
5		Washer – Back Up	1
6		Seal	1
7		Washer – Thrust	1
8		Bearing – Thrust	1
9		Washer – Thrust	1
10		Bearing – Inner	1
11		Coupling – Shaft	1
12		Bearing – Thrust	1
13		”O”Ring	5
14		Link – Drive	1

Ref. No.	Part No.	Description	No. Used
15		Plate Wear	1
16		Rotor	1
17		Vane	7
18		Stator	
19		Manifold	1
20		Commutator	1
21		Seal – Commutator	1
22		Commutator – Ring	1
23		Cover – End	1
24		Bolt – Special	A/R
25		Stator Half	1
26	85–7310	Nut	1
*	85–7320	Kit – Seal (Incl. Ref. #1,4,6,13 & 20)	1

*Not Illustrated

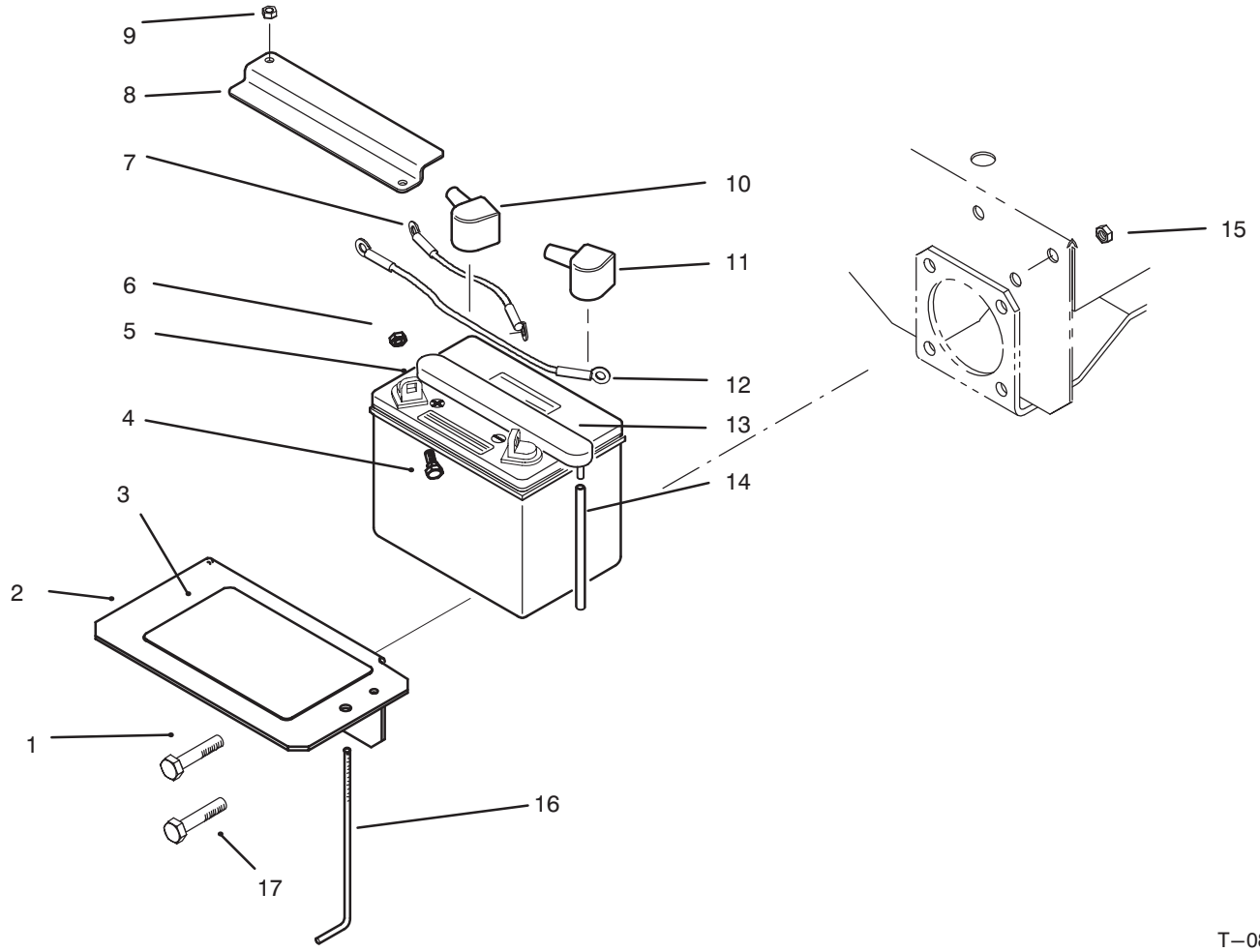
3317−803



HANDLE / CONTROL PANEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	75−6820	Meter − Hour	1
2	32144−18	Screw − Hex. Hd.	2
3	54−2970	Spacer	2
4	93−1191	Control − Choke	1
5	71−1280	Decal − Danger	1
6	82−3820	Boot − Switch	1
7	82−2300	Switch − Clutch	1
8	93−1190	Control − Throttle	1
9	65−3090	Decal − Instructions	1
10	3296−2	Nut − Lock	4
11	32144−19	Screw	4
12	2412−120	”R”Clamp	2
13	74−0720	Tube − Manual	1
14	86−7910	Module	1
15	3296−42	Nut − Lock	2
16	63−7590	Relay	2
17	93−1187	Panel − Bottom	1
18	3296−2	Nut	1
19	82−2190	Switch − Bail	1
20	82−7680	Bail Assembly	1
21	82−2610	Decal − Control Bar	1
22	237−141	Grommet	2
23	82−7690	Control Bar Assembly	1
24	82−7631	Rod − Control	2
25	32105−1	Screw − Hex. Hd.	1
26	3290−307	Pin − Cotter	4
28	82−3940	Pivot Control Assembly	1

Ref. No.	Part No.	Description	No. Used
29	82−4300	Handle Assembly	1
30	82−4590	Decal − Caution	1
31	3256−23	Washer − Flat	2
32	74−0521	Fitting − Rod	2
33	283−6	Pin − Clevis	2
34	32151−80	Ring − Push On	2
35	74−0470	Rod − Pivot	1
36	32105−14	Screw − Hex. Hd.	4
37	3290−378	Tie − Cable	2
38	67−6451	Handle − Upper	1
39	93−1175	Wire Harness (Ref.)	1
40	3234−11	Screw − Hex. hd.	4
41	32128−21	Nut − Lock	4
42	3230−26	Bolt Carriage	1
43	82−3840	Spacer − Latch	1
44	19−4050	Knob − Handle	1
45	32112−18	Retainer − Bolt	1
46	321−3	Screw − Hex. hd.	2
47	23−0660	Switch − Ignition	1
48	3234−5	Washer − Lock	1
49	218−461	Nut	1
50	63−8360	Key	1
51	82−2181	Panel − Control	1
52	82−7741	Decal − Control Panel	1
53	218−595	Body	1
54	3255−7	Washer − Lock, Ext.	1



T–0875

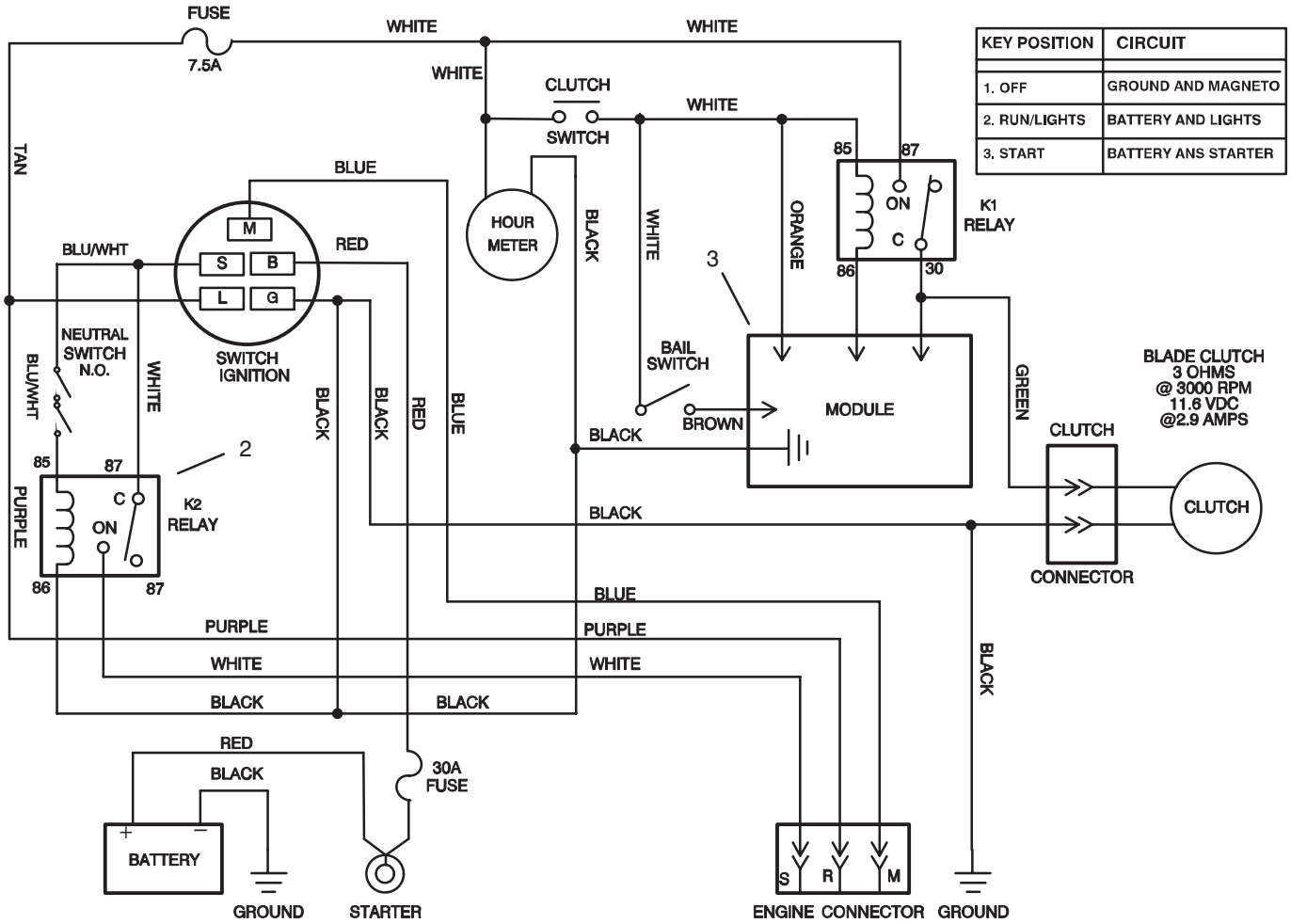
BATTERY ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3234–22	Screw – Hex. Hd.	2
2	93–1180	Holder – Battery	1
3	62–4300	Pad – Battery Mount	1
4	322–3	Screw – Hex. Hd.	2
5	82–4640	Battery	1
6	32149–1	Nut	2
7	54–3090	Cable – Battery	1
8	82–4620	Strap – Battery	1
9	3296–42	Nut – Lock	2

Ref. No.	Part No.	Description	No. Used
10	77–0980	Boot – Terminal	1
11	77–0981	Boot – Terminal	1
12	28–3891	Cable – Battery	1
13	84–1830	Cap	1
14	68–3810	Tube –Vent	1
*15	32128–23	Nut – Lock	2
16	12–5950	Rod – Battery Support	2
*17	3234–32	Screw	4

*Carrier Frame Mounting Hardware

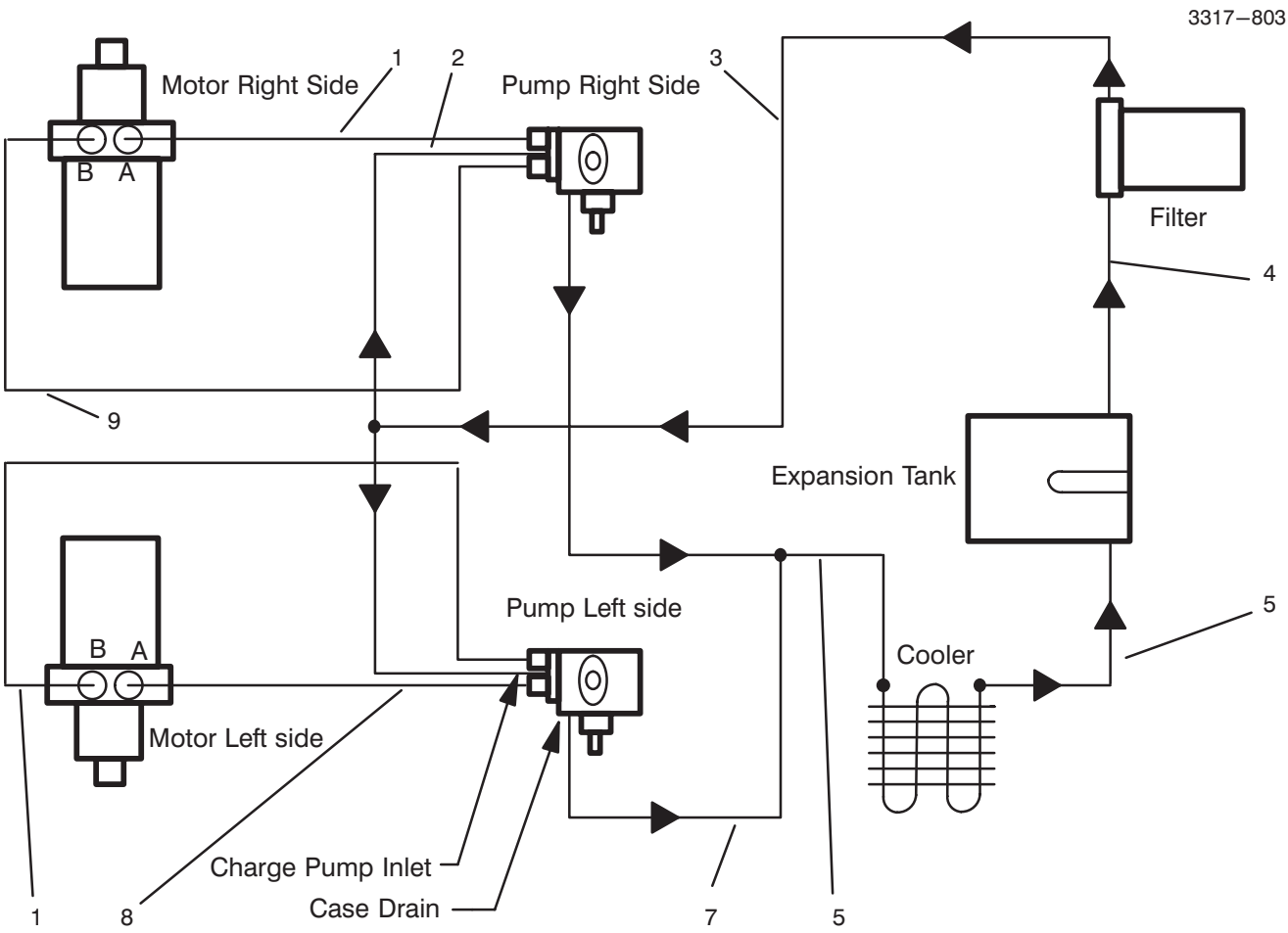
3317−803



ELECTRIC SCHEMATIC

Ref. No.	Part No.	Description	No. Used
1	93−1175	Wire Harness	1
2	63−7590	Relay	1
3	86−7910	Module − Interlock	1

Ref. No.	Part No.	Description	No. Used

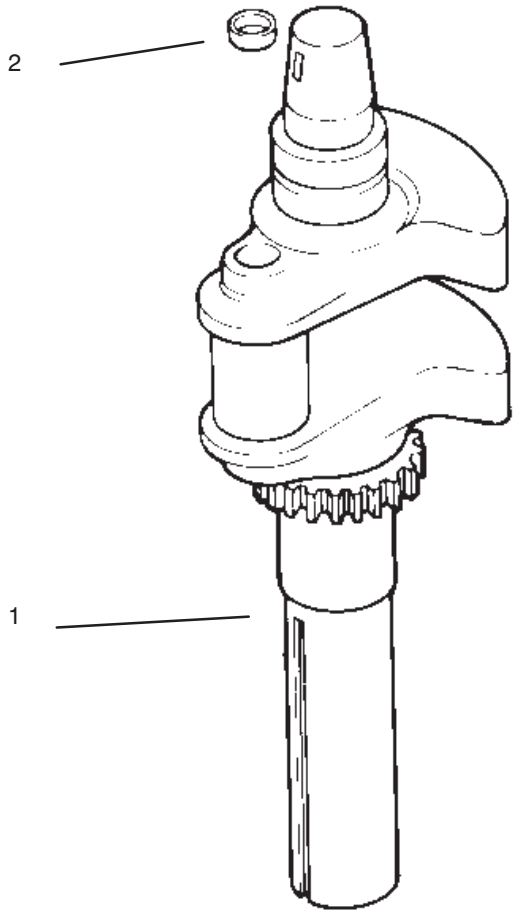


C–0708

HYDRAULIC SCHEMATIC

Ref. No.	Part No.	Description	No. Used
1	82–4550	Hose Assembly	2
2	82–4170	Hose Assembly	1
3	82–4180	Hose Assembly	1
4	82–4200	Hose Assembly	1

Ref. No.	Part No.	Description	No. Used
5	82–4190	Hose Assembly	2
7	82–4201	Hose Assembly	1
8	82–4560	Hose Assembly	1
9	82–4540	Hose Assembly	1

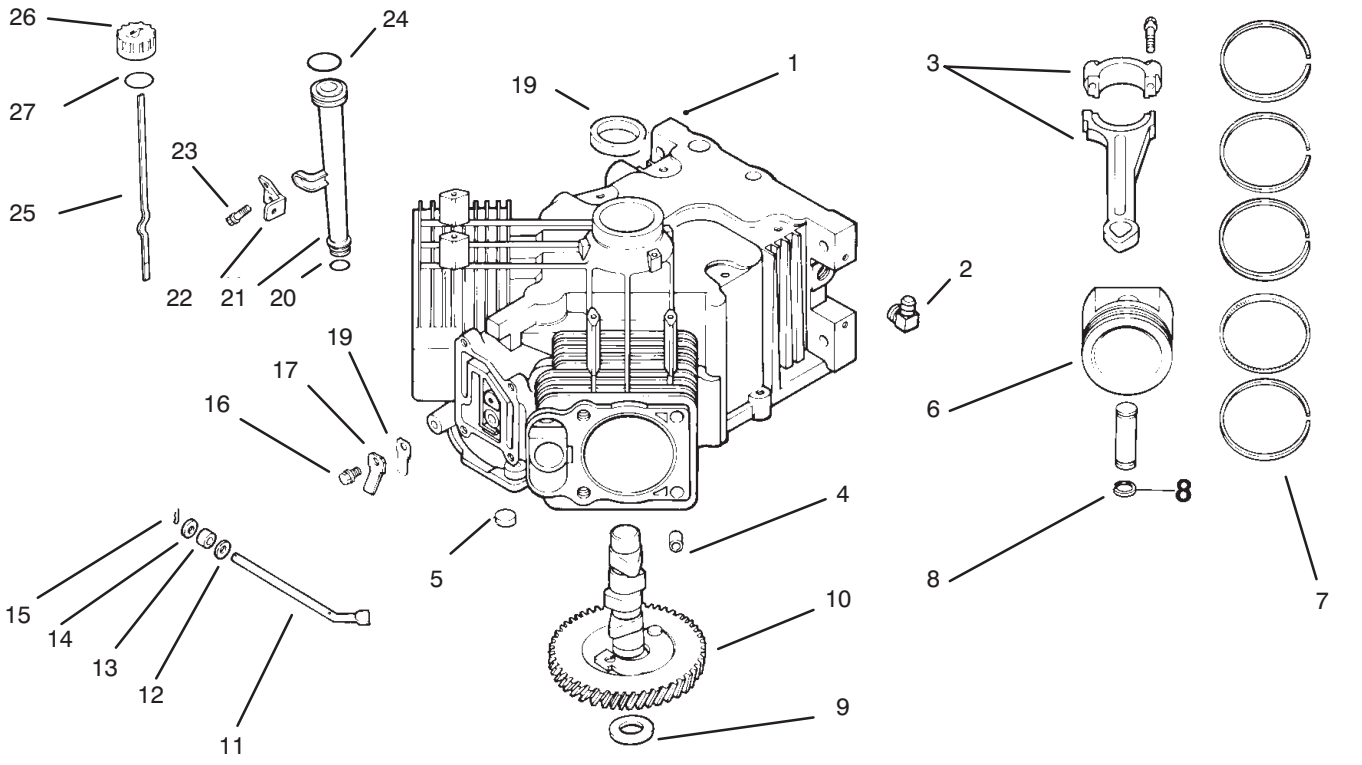


C−2159

CRANKSHAFT

Ref. No.	Part No.	Description	No. Used
1	Crankshaft		
1	24 014 80	Crankshaft	1

Ref. No.	Part No.	Description	No. Used
2	52 139 09	Plug − Cup	



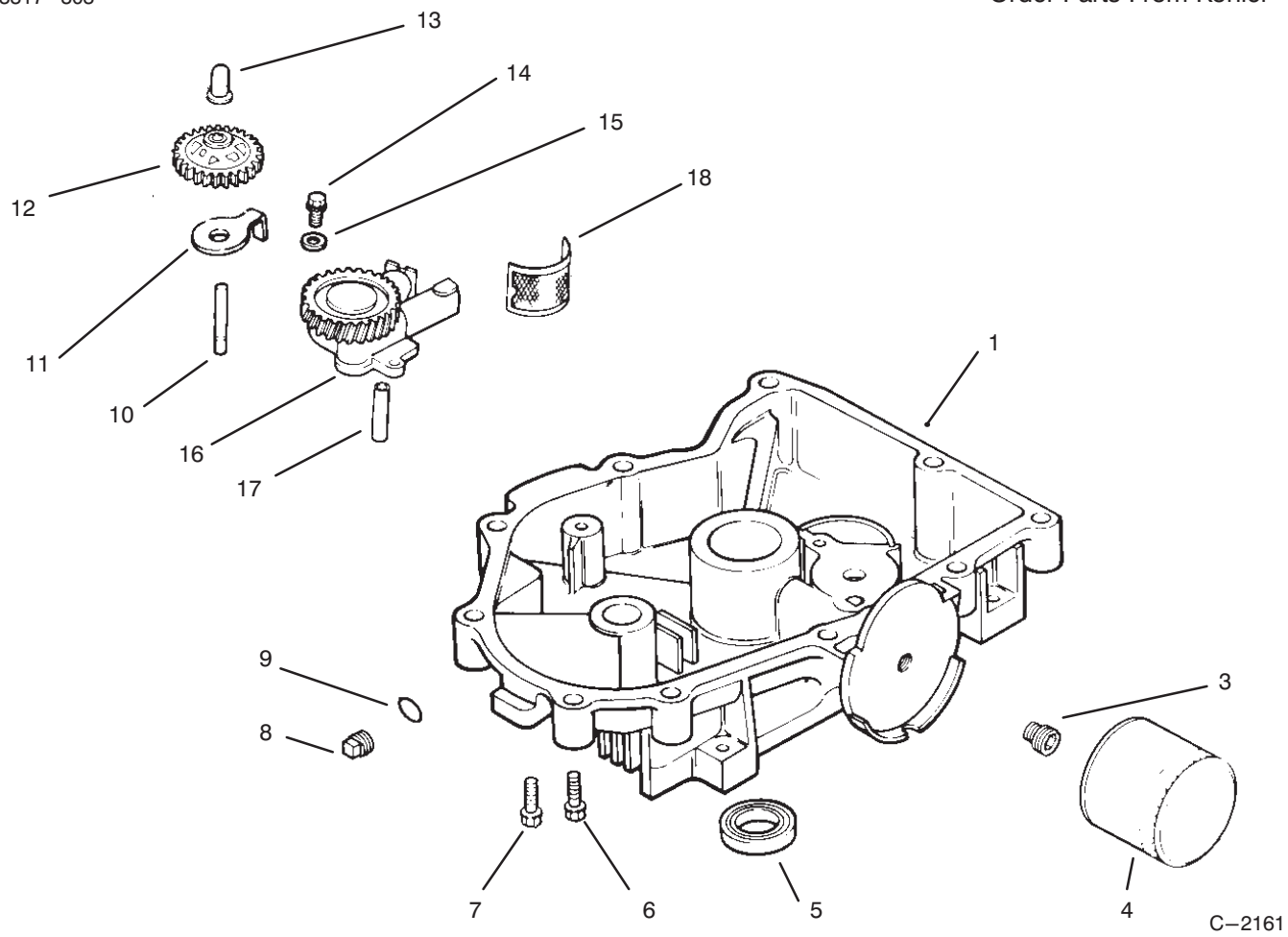
C–2160

CRANKCASE

Ref. No.	Part No.	Description	No. Used
1	24 782 05	Cylinder Block	1
2	24 294 03	Fitting	1
3	24 067 05	Rod – Connecting (Std)	2
*	24 067 06	Rod – Connecting (.25)	2
4	12 380 03	Pin – Locating	6
5	52 139 09	Plug – Cup	1
6	24 874 01	Set – Piston w/Ring (Incl. Ref. #7–8)	2
*	24 874 02	Set – Piston w/Ring (.25) (Incl. Ref. #7–8)	2
*	24 874 03	Set – Piston w/Ring (.50) (Incl. Ref. #7–8)	2
7	24 108 01	Set – Ring (Std)	2
*	24 108 02	Set – Ring (.25)	2
*	24 108 03	Set – Ring (.50)	2
8	24 018 01	Retainer – Piston Pin	4
9	12 422 09	Shim – Camshaft (Green)	A/R
*	12 422 13	Shim – Camshaft (Black)	A/R
*	12 422 07	Shim – Camshaft (White)	A/R
*	12 422 08	Shim – Camshaft (Blue)	A/R
*	12 422 10	Shim – Camshaft (Yellow)	A/R
*	12 422 11	Shim – Camshaft (Red)	A/R

Ref. No.	Part No.	Description	No. Used
*	12 422 12	Shim – Camshaft (Gray)	A/R
10	24 012 05	Camshaft	1
11	24 144 01	Shaft – Governor Cross	1
12	X–25–63	Washer	1
13	12 032 01	Seal – Governor Cross	1
14	X–25–102	Washer	1
15	12 380 04	Pin – Hitch	1
16	M–0545010	Screw	2
17	24 018 04	Retainer – Reed	2
18	24 402 05	Reed – Breather	2
19	24 032 01	Seal – Oil	1
20	12 153 01	"O"Ring	1
21	12 123 04	Tube – Oil Fill	1‘
22	24 126 19	Bracket – Fill Tube	1
23	SM–0549016	Screw	1
24	12 153 02	"O"Ring	‘
25	24 038 04	Dipstick Assembly (Incl. Ref. # 26–27)	1
26	25 755 13	Kit – Fill Cap (Incl. Ref. # 27)	1
27	12 153 03	"O"Ring	1

3317–803

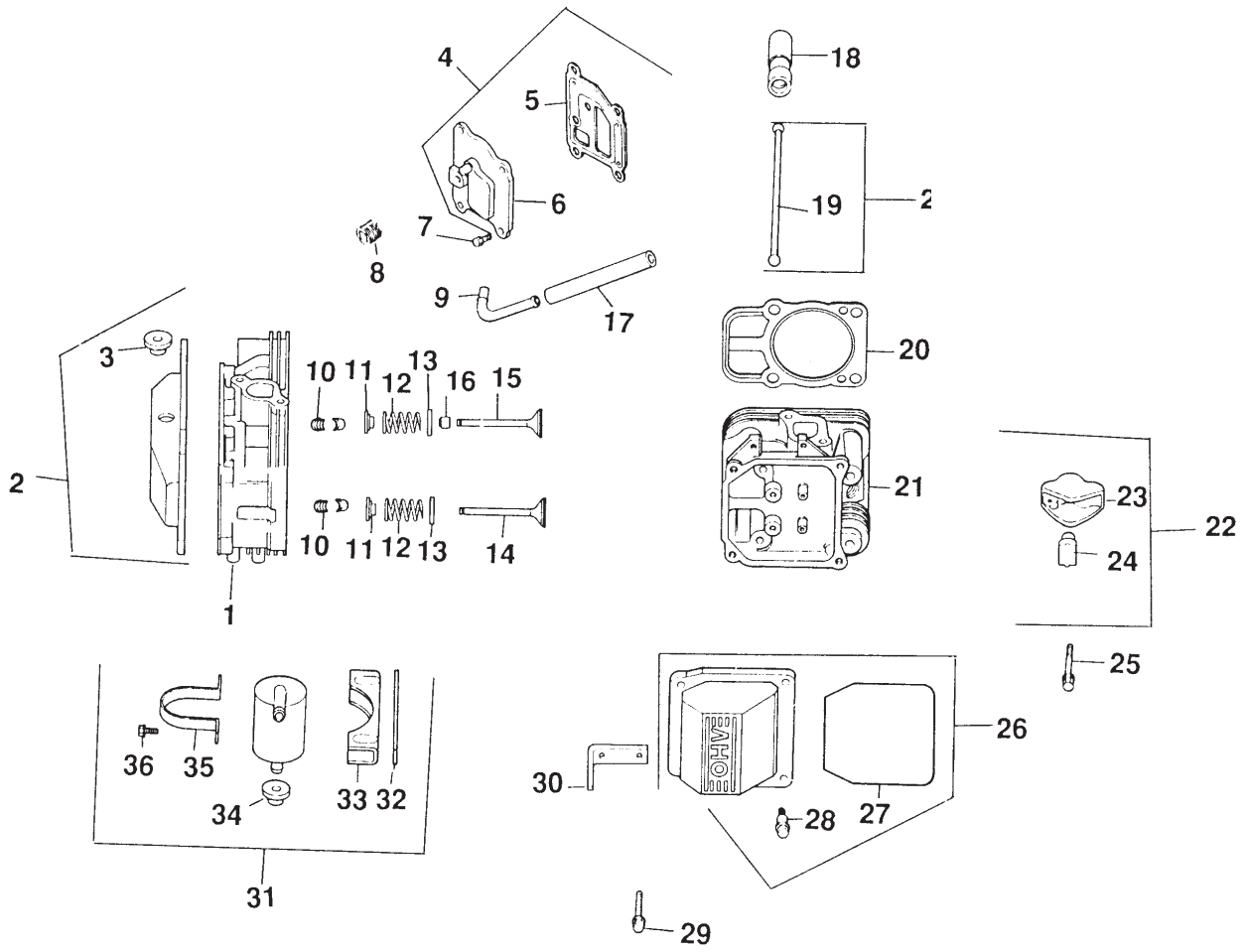


OIL PAN / LUBRICATION

Ref. No.	Part No.	Description	No. Used
1	24 199 07	Pan – Oil	1
3	24 136 01	Nipple – Oil Filter	1
4	12 050 01	Filter – Oil	1
5	52 032 08	Seal – Oil	1
6	24 086 17	Screw	1
7	24 086 16	Screw	9
8	X–75–10	Plug	1
9	24 153 08	"O"Ring	1
10	12 144 02	Shaft – Governor Gear	1
11	52 448 02	Tab – Locking	1

Ref. No.	Part No.	Description	No. Used
12	24 043 12	Kit – Governor Gear (Incl. Ref.#13)	1
13	12 380 01	Pin – Governor Regulating	1
14	M–645025	Screw	2
15	M–0631005	Washer	2
16	24 393 08	Oil Pump Assembly (Incl. Ref.#17)	1
17	24 123 05	Tube – Oil Pickup	1
18	25 162 07	Screen – Oil	1

*Not Illustrated

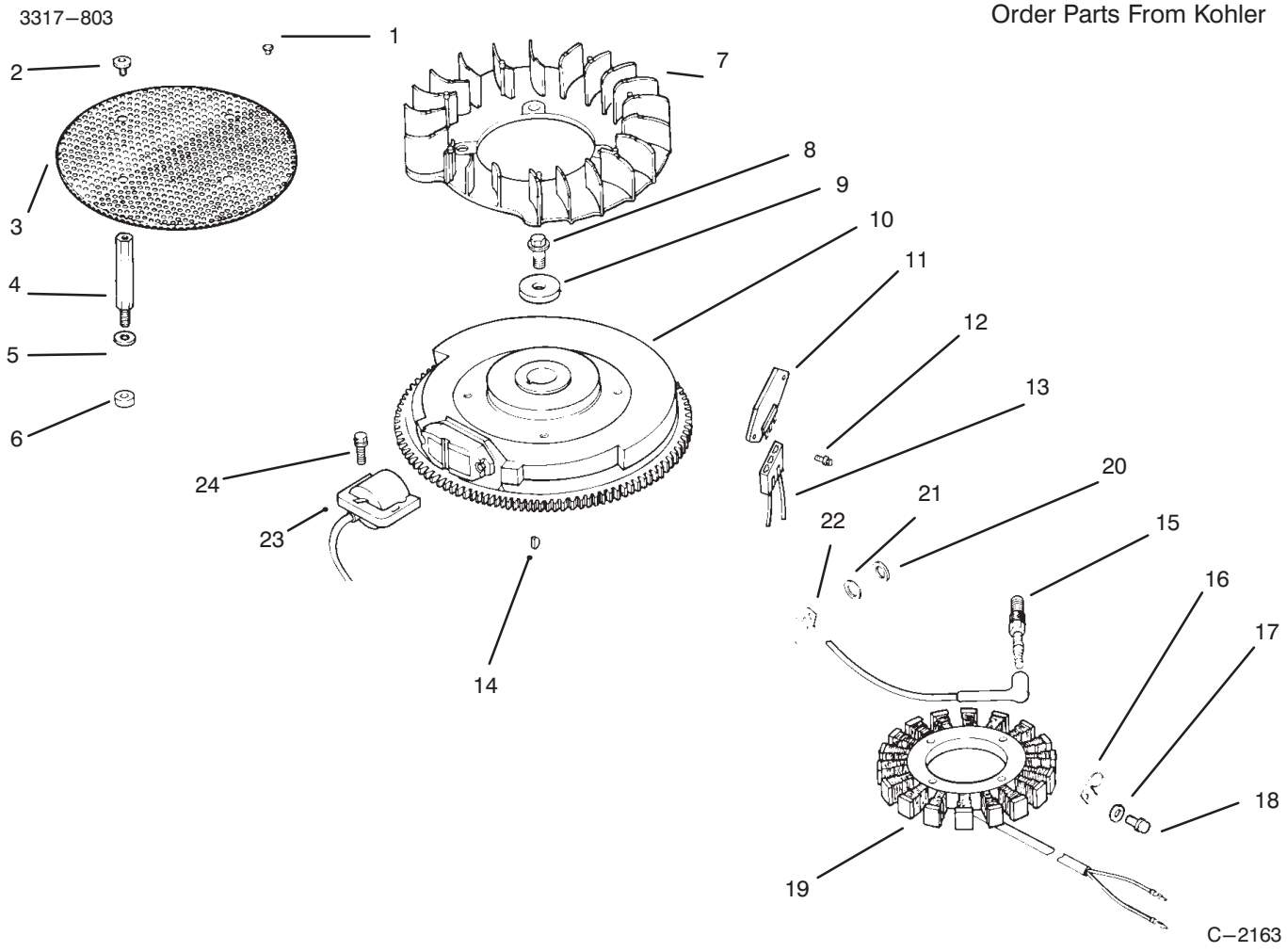


HEAD / VALVE / BREATHER

Ref. No.	Part No.	Description	No. Used
1	24 318 11	Head Asm. # 1 Cyl.	1
2	24 755 76	Kit — Valve Cover/Breather (Incl. Ref.# 3 & 27–28)	1
4	24 033 03	Kit — Breather Cover Gasket (Incl. Ref.#5–6)	1
3	25 313 02	Grommet — Rubber	1
5	24 041 23	Gasket — Breather	1
6	24 096 15	Cover — Breather	1
7	M–0645020	Screw	4
8	X–75–23	Plug	1
9	24 294 01	Fitting	1
10	12 755 03	Kit — Retaining	4
11	12 173 01	Cap — Valve Spring	4
12	24 089 02	Spring — Valve	4
13	235011	Retainer — Spring	4
14	24 016 01	Valve — Exhaust (Std)	2
*	24 016 02	Valve — Exhaust (.25)	2
15	24 017 01	Valve — Intake (Std)	2
*	24 017 02	Valve — Intake (.25)	2
16	24 032 05	Seal — Valve Stem	2
17	24 326 03	Hose	1
18	12 351 01	Lifter — Valve	4

Ref. No.	Part No.	Description	No. Used
19	24 411 05	Rod — Push	4
20	24 041 08	Gasket — Cylinder Head	2
22	24 755 66	Kit — Valve Train (Incl. Ref.#19 & 23–24)	1
21	24 318 12	Head Assembly # 2 Cyl.	1
23	24 186 01	Arm — Rocker	4
24	24 599 01	Pivot — Rocker Arm	4
25	M–0640034	Screw	4
26	24 755 74	Kit — Valve Cover (Incl. Ref. # 27–28)	1
27	24 153 11	”O”Ring	1
28	24 086 32	Screw	4
29	12 086 16	Screw	8
30	24 445 01	Strap — Lifting	1
*31	24 755 57	Kit — Breather Separator (Incl. Ref. # 32–36)	1
32	24 112 12	Spacer	1
33	24 126 44	Bracket	1
34	24 313 02	Grommet — Rubber	1
35	24 445 02	Strap — Brerather	1
36	SM–0545016	Screw	2

*Not Illustrated



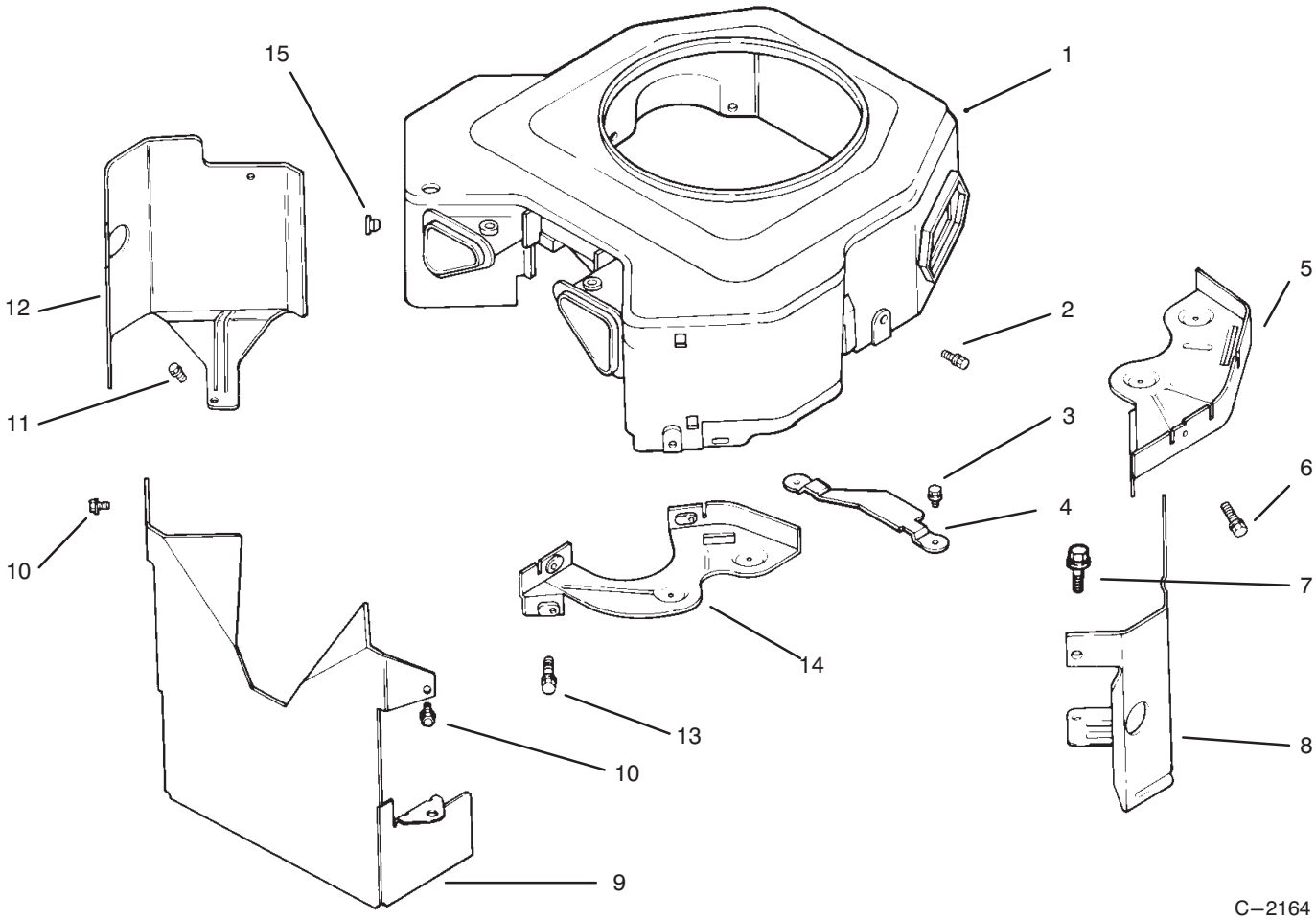
IGNITION / ELECTRICAL

Ref. No.	Part No.	Description	No. Used
1	25 086 43	Screw – Set	1
2	M–657010	Screw	4
3	24 162 20	Screen – Grass	1
4	24 072 01	Stud	4
5	X–25–53	Washer	8
6	12 112 01	Spacer – Fan	4
7	24 157 01	Fan	1
8	12 086 14	Screw	1
9	12 468 03	Washer	1
10	24 025 04	Flywheel Assembly	1
11	25 403 03	Rectifier – Regulator	1
12	24 086 18	Screw	2
13	236602	Connector	1

Ref. No.	Part No.	Description	No. Used
14	X–42–15	Key	1
15	12 132 02	Spark Plug	2
16	48 154 02	Clip – Cable	1
17	X–25–63	Washer	1
18	M–0548025	Screw	2
19	24 085 01	Stator – 15 amp	1
20	X–25–92	Washer	2
21	X–25–63	Washer	1
22	235173	Clip – Cable	1
23	24 584 01	Module – Ignition	2
24	SM–0545020	Screw	4
*	24 176 40	Harness – Wiring	1
	24 518 04	Lead – Green	1

*Not Illustrated

3317–803



C–2164

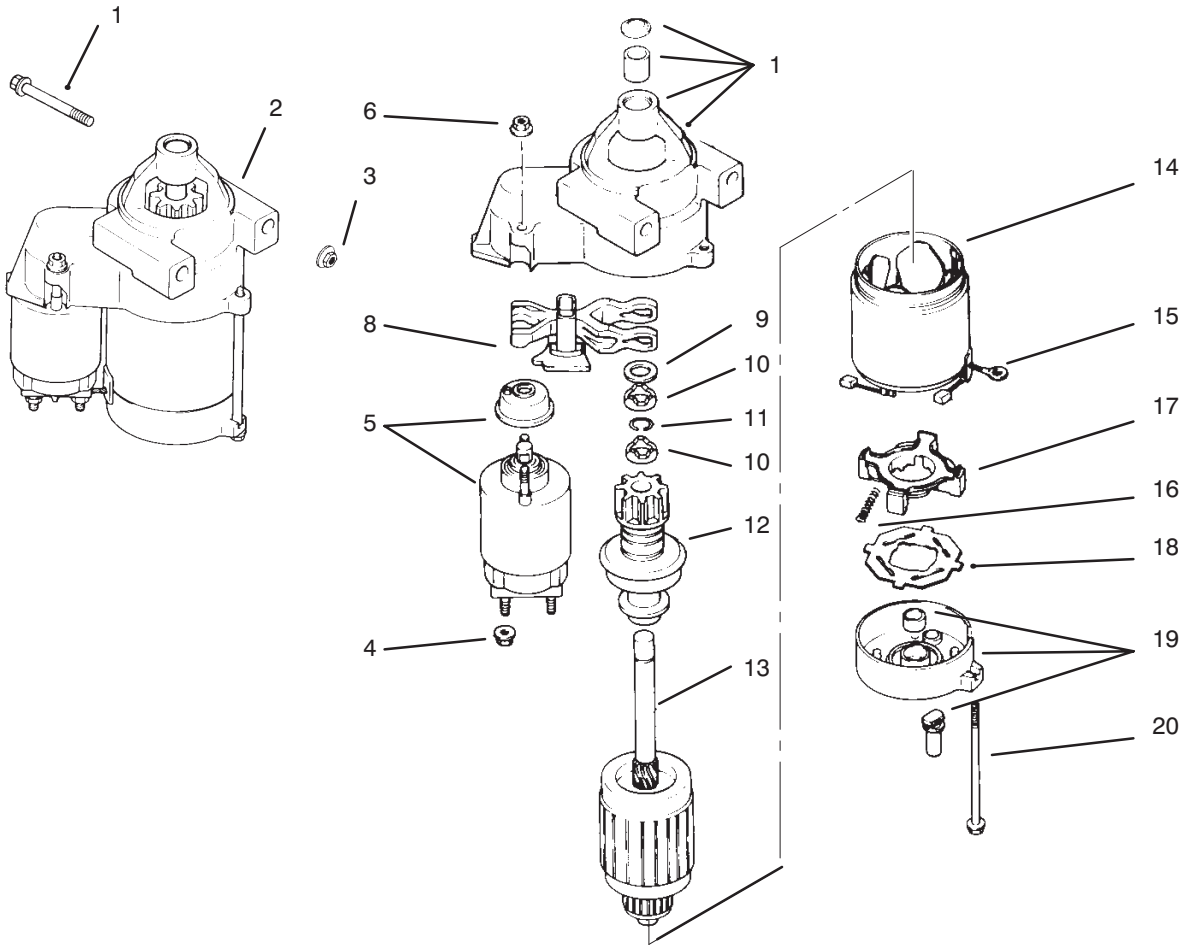
BLOWER HOUSING & BAFFLES

Ref. No.	Part No.	Description	No. Used
1		Housing – Blower	1
2		Screw	3
3	SM–0545016	Screw	4
4	24 314 05	Guard – Flywheel	1
5	24 146 02	Plate – Backing # 2 Side	1
6	SM–0545020	Screw	2
7	M–0551016	Screw	1
8	24 063 20	Baffle Cyl. Barrel # 2 Side	1

Ref. No.	Part No.	Description	No. Used
9	24 063 29	Baffle – Valley	1
10	M–0549010	Screw	2
11	M–0549016	Screw	2
12	24 063 19	Baffle Cyl. Barrel # 1 Side	1
13		Screw	2
14	24 146 08	Plate – Backing # 1 Side	1
15	24 100 02	Nut – Plastic	2
*	24 113 12	Decal – Horse Power	1

* Not Illustrated

3317−803



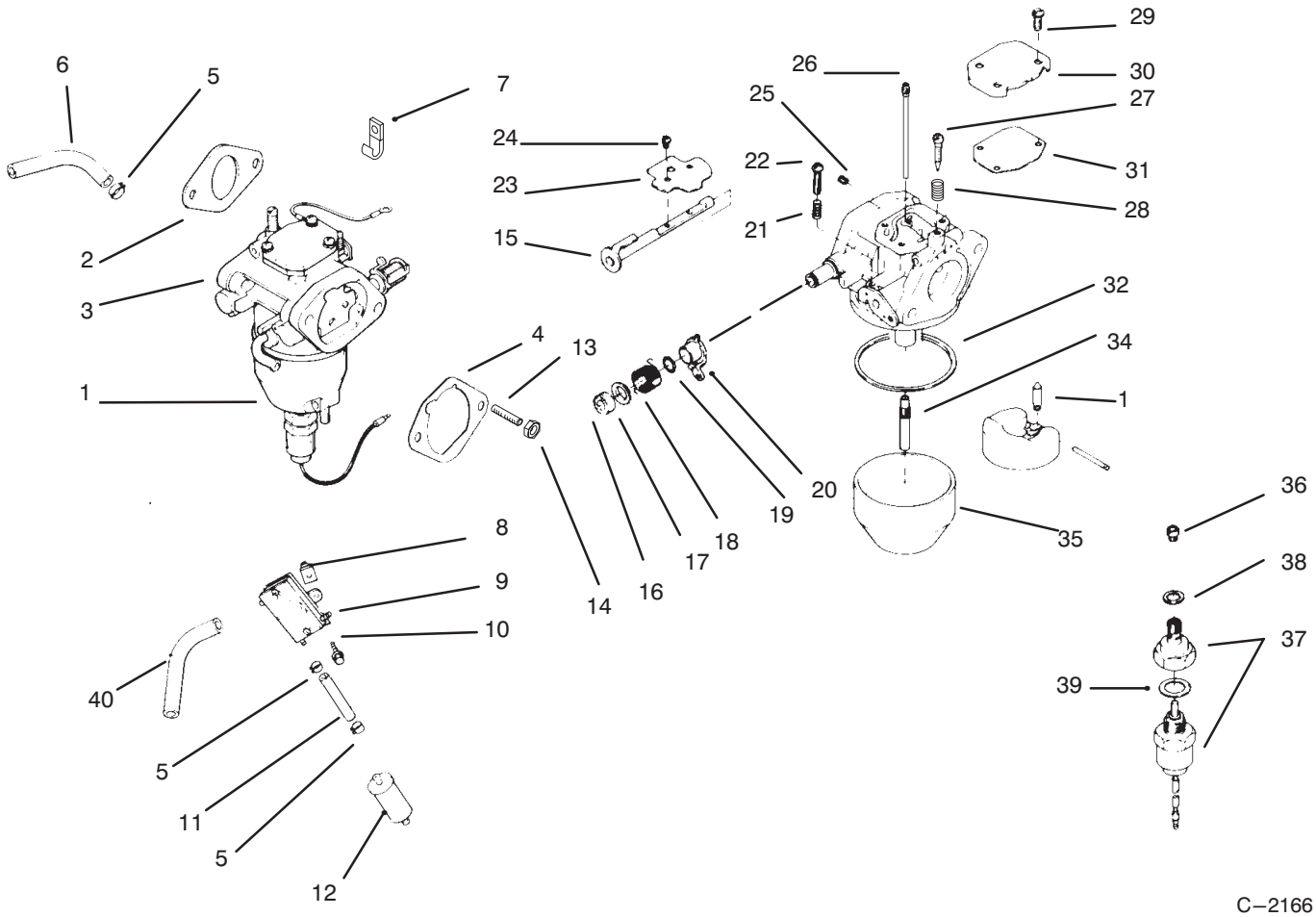
C−2165

STARTING SYSTEM

Ref. No.	Part No.	Description	No. Used
1	M−0839080	Screw	2
2	12 098 03	Starter Solenoid Shift (Incl. Ref. #4−20)	1
3	M−0841080	Nut	1
4	52 100 10	Nut	2
5	12 081 02	Cap − Drive End	1
6	52 100 09	Nut	1
7	52 435 02	Solenoid	1
8	12 090 10	Lever − Starter Drive	1
9	24 755 84	Washer	1
10	52 100 08	Nut	2

Ref. No.	Part No.	Description	No. Used
11	52 141 03	Ring − Retaining	1
12	12 239 01	Pinion − Drive	1
13	12 170 03	Armature − Starter	1
14	12 471 01	Frame	1
15	52 221 01	Kit − Brush (Incl. Ref. #16)	1
16	52 089 09	Spring − Brush	4
17	52 323 03	Holder − Brush	1
18	52 168 01	Insulator	1
19	12 301 01	Cap − Commutator End	1
20	52 211 05	Bolt	2

3317–803



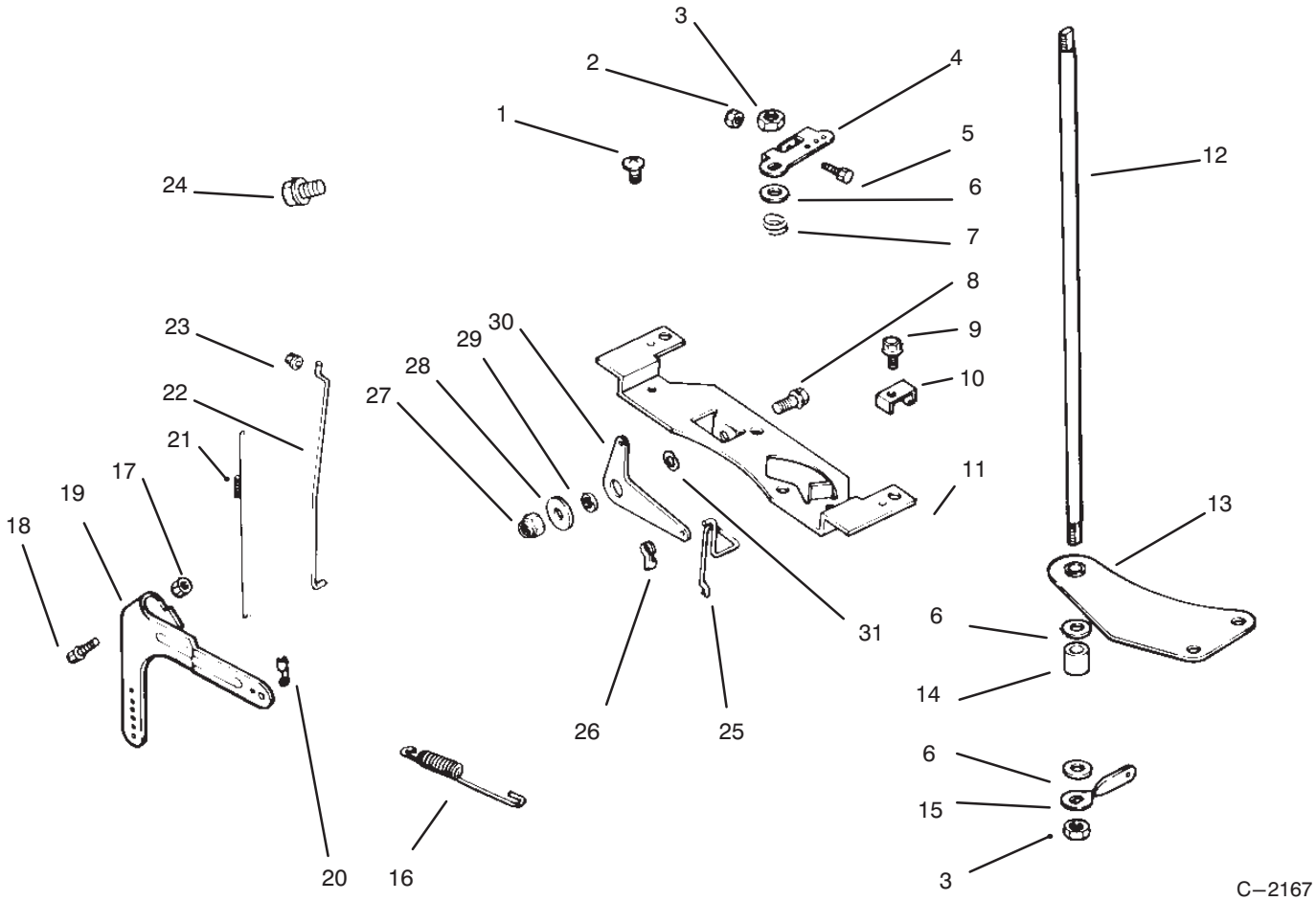
C–2166

CARBURETOR / FUEL PUMP

Ref. No.	Part No.	Description	No. Used
1	24 853 17	Kit – Carburetor / w Gasket (Incl. Ref.#2–4)	1
2	24 041 15	Gasket – Carburetor	1
3	24 053 17	Carburetor (Ref. Only) (Inc. Ref. 15–39)	1
4	24 041 14	Gasket – Air Cleaner	1
5	X–426–9	Clamp – Hose	6
6	52 353 22	Line – Fuel 12”	2
7	47 154 01	Clip – Cable	1
8	24 100 01	Nut – Plastic	2
9	24 393 04	Pump – Fuel	1
10	24 086 12	Screw	2
11	24 353 03	Line – Fuel 10.5”	1
12	25 050 03	Filter – Fuel	1
13	M–0629128	Stud	2
14	M–0641060	Nut	2
15	24 144 15	Shaft – Choke	1
16	24 468 05	Washer	1
17	24 241 01	Collar – Coke	1
18	24 089 22	Spring – Choke Return	1
19	24 141 04	Ring – Choke Lever	1
20	24 090 10	Lever – Choke	1
21	24 089 24	Spring – Throttle Adjust	1
22	24 086 19	Screw – Throttle Adjust	1
23	24 462 13	Plate – Choke	1

Ref. No.	Part No.	Description	No. Used
24	24 086 20	Screw	4
25	24 337 27	Jet – Air Bleed	1
26	24 337 11	Jet – Slow	1
27	24 086 22	Screw	1
28	24 089 23	Spring – idler Screw	1
29	24 086 21	Screw	3
30	24 096 13	Cover – Passage	1
31	24 041 18	Gasket – Passage Cover	1
32	24 041 19	Gasket – Float Chamber	1
*33	24 757 05	Kit – Float Repair	1
34	24 369 01	Nozzle – Main	1
35	24 234 01	Chamber – Float	1
36	24 337 20	Jet – Main	1
37	24 755 15	Kit – Solenoid Valve (Incl. Ref. #38–39)	1
38	24 041 21	Gasket – Chamber Screw	1
39	24 041 20	Gasket – Solenoid	1
*	24 041 15	Gasket – Carburetor	1
*	24 755 25	Kit – High Altitude (1500–3000 Meters)	1
*	24 755 26	Kit – High Altitude (over 3000 Meters)	1
*	24 757 06	Kit – Carburetor Repair	1
40	15 353 04	Line – Fuel 11.5”	1

* Not Illustrated



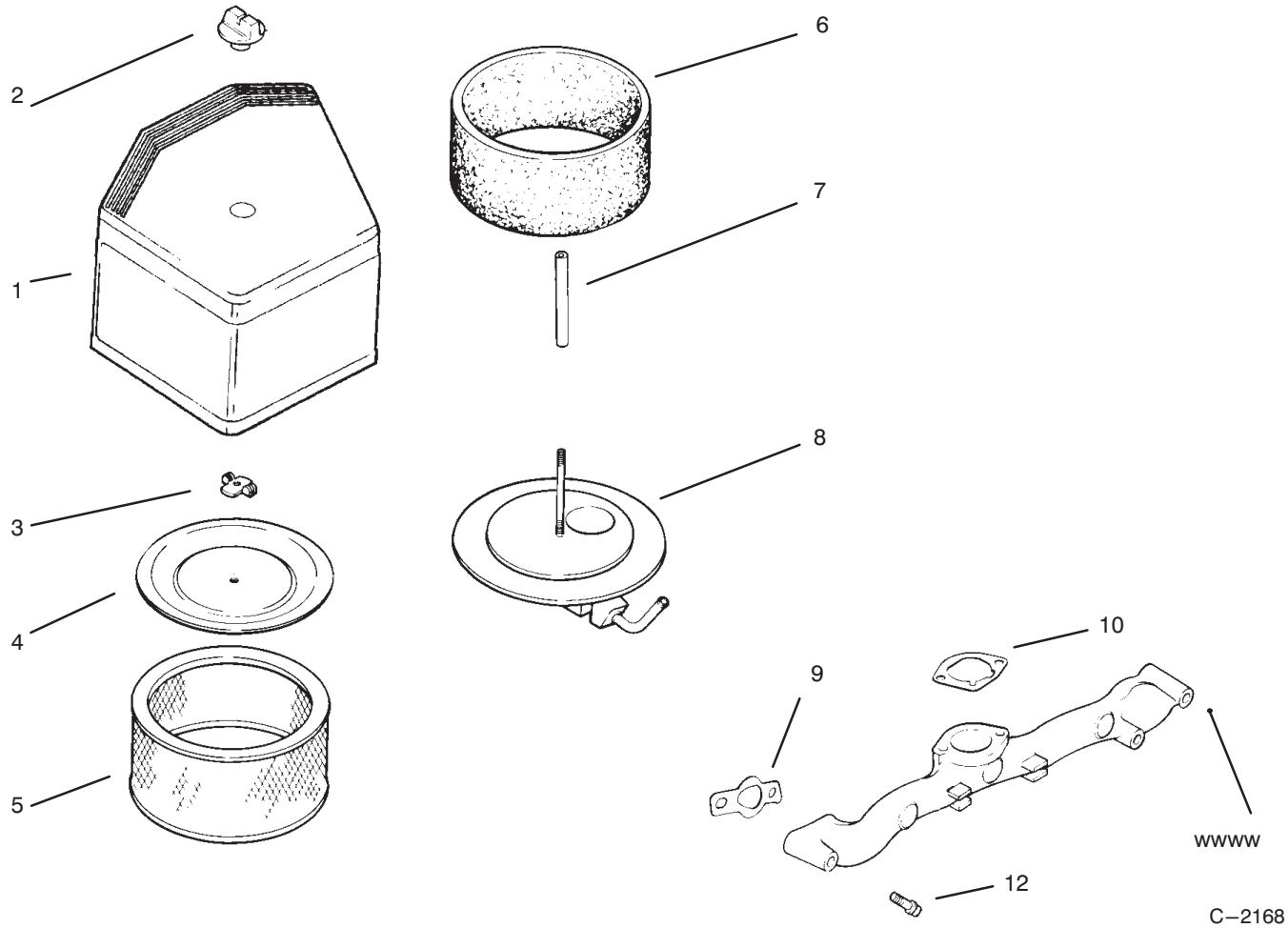
ENGINE CONTROLS

Ref. No.	Part No.	Description	No. Used
1	24 086 06	Screw	2
2	M–0446030	Nut	1
3	M–0647060	Nut	2
4	24 090 09	Lever – Throttle Control	1
5	M–0401030	Screw	1
6	X–25–72	Washer	3
7	24 089 20	Spring – Throttle Shaft	1
8	M–0639016	Screw	1
9	SM–054016	Screw	1
10	12 237 01	Clamp – Cable	2
11	24 126 47	Bracket – Control	1
12	24 144 11	Shaft – Throttle	1
13	24 126 17	Bracket – Throttle Shaft	1
14	24 122 10	Spacer	1
15	24 090 12	Lever – Throttle Control	1
16	24 089 18	Spring – Governor	1

Ref. No.	Part No.	Description	No. Used
17	M–0641060	Nut	1
18	SM–0642025	Screw	1
19	24 090 14	Lever – Governor	1
20	25 158 11	Bushing – Throttle	1
21	24 089 01	Spring – Linkage	1
22	24 079 04	Linkage – Throttle	1
23	25 158 10	Bushing – Linkage	1
24	SM–0645016	Screw	2
25	24 079 10	Linkage – Choke	1
26	25 158 11	Bushing – Throttle	1
27	M–0647060	Nut	1
28	X–25–52	Washer	1
29	25 431 01	Spacer	1
30	24 090 20	Lever – Choke	1
31	277341	Washer	1

*Not Illustrated

3317–803



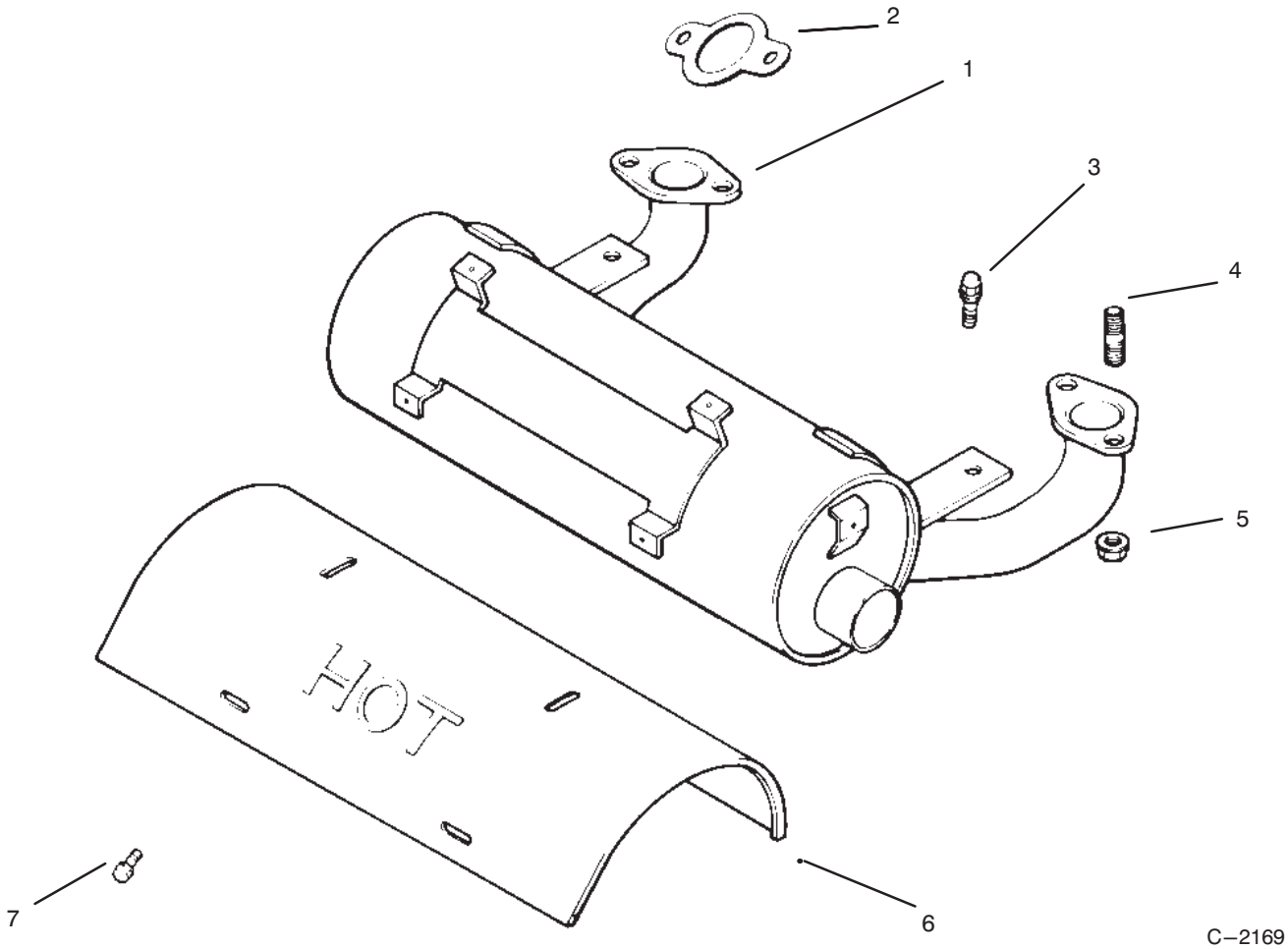
C–2168

AIR CLEANER / FILTRATION

Ref. No.	Part No.	Description	No. Used
1	24 743 10	Kit — Air Cleaner Cover (Incl. Ref.# 2)	1
2	25 341 02	Knob — Cover	1
3	12 100 01	Nut — Wing	1
4	52 082 04	Cover — Element	1
5	45 083 01	Element — Precleaner	1
6	45 083 02	Element	1

Ref. No.	Part No.	Description	No. Used
7	24 032 04	Seal	1
8	24 054 02	Elbow — Air Cleaner	1
11	24 164 06	Manifold — Intake	1
12	M–0639055	Screw	4
9	24 041 01	Gasket — intake Manifold	2
10	24 041 14	Gasket — Air Cleaner Base	1
*	24 113 14	Decal — Maintenance	1

*Not Illustrated



EXHAUST

Ref. No.	Part No.	Description	No. Used
1	24 068 08	Muffler	1
2	24 041 02	Gasket – Exhaust	2
3	SM–0645020	Screw	2
4	M–0829033	Stud	4
5	M–0841080	Nut	4

Ref. No.	Part No.	Description	No. Used
6	24 281 07	Duct – Heat Shield	1
7	25 086 40	Screw	4
*	24 782 05	Miniblock	1
*	24 755 03	Gasket Set	1

*Not Illustrated

TORO PART NUMBER INDEX

Part No.	Description	Pg. No.	Ref. No.	Qty.
112843	Washer – PTO	”2”	24	1
5–0930	Key	”2”	20	1
12–5950	Rod – Battery Support	”9”	16	2
19–4050	Knob – Handle	”8”	44	1
23–0660	Switch – Ignition	”8”	47	1
27–6230	Bolt – Wheel	”2”	17	1
28–3891	Cable – Battery	”9”	12	1
29–0590	Screen – Filler	”6”	22	1
29–0642	Trim	”1”	8	1
44–5940	Pulley	”2”	22	1
44–8310	Ring – Retaining	”3”	3	2
44–8320	Spring	”3”	10	3
44–8330	Spacer – Pulley Bearing	”3”	6	1
44–8340	Collar – Bearing	”3”	7	1
44–8360	Field Coil, Rotor & Bearing	”3”	4	1
51–4540	Retainer – Clutch	”2”	27	1
54–0100	Head Assembly – Filter	”6”	32	1
54–0230	Field Assy	”3”	1	1
54–2970	Spacer	”8”	3	2
54–3090	Cable – Battery	”9”	7	1
54–3200	Clutch Assembly	”2”	23	1
55–3570	Cap Assembly – Fuel	”2”	6	1
55–7410	Armature & Pulley Assembly	”3”	5	1
62–4300	Pad – Battery Mount	”9”	3	1
62–4540	Pulley – Idler	”2”	13	1
63–7590	Relay	”10”	2	1
63–7590	Relay	”8”	16	2
63–8360	Key	”8”	50	1
65–3090	Decal – Instructions	”8”	9	1
65–7410	Switch Assembly	”4”	3	2
67–6451	Handle – Upper	”8”	38	1
67–8110	Filter – Oil	”6”	36	1
68–2190	Spring	”2”	16	1
68–3810	Tube –Vent	”9”	14	1
71–1280	Decal – Danger	”8”	5	1
74–0470	Rod – Pivot	”8”	35	1
74–0490	Decal – Fuel Shut Off	”1”	5	1
74–0510	Valve – Fuel Shut Off	”2”	3	1
74–0521	Fitting – Rod	”8”	32	2
74–0720	Tube – Manual	”8”	13	1
75–6820	Meter – Hour	”8”	1	1
76–0200	Cap Assembly – Oil	”6”	21	1
77–0980	Boot – Terminal	”9”	10	1
77–0981	Boot – Terminal	”9”	11	1
80–0650	Spacer	”4”	36	2
80–6090	Key	”6”	51	2
80–6110	Charge Relief Valve Kit	”5”	*	1
80–6120	Check Valve Kit	”5”	1	1
80–6130	Overhaul Seal Kit	”5”	*	1
82–2181	Panel – Control	”8”	51	1
82–2190	Switch – Bail	”8”	19	1
82–2300	Switch – Clutch	”8”	7	1
82–2610	Decal – Control Bar	”8”	21	1
82–3790	Arm – Pump Control	”4”	14	2
82–3820	Boot – Switch	”8”	6	1
82–3830	Hub – Wheel	”6”	44	2
82–3840	Spacer – Latch	”8”	43	1
82–3900	Frame Assembly	”2”	10	1
82–3910	Reservoir – Oil	”6”	23	1
82–3920	Stop – Reverse	”4”	28	2
82–3940	Pivot Control Assembly	”8”	28	1
82–4070	Bracket Assembly R.H.	”4”	*	1
82–4090	Bracket Assembly L.H.	”4”	29	1
82–4110	”V”Belt	”6”	49	1
82–4120	Rod	”4”	48	2
82–4130	Bearing Assembly	”4”	6	4
82–4140	Bracket – Filter	”6”	30	1
82–4160	Spring	”4”	38	2
82–4170	Hose – Hydro.	”6”	17	1
82–4170	Hose Assembly	”11”	2	1
82–4180	Hose – Hydro.	”6”	16	1
82–4180	Hose Assembly	”11”	3	1
82–4190	Hose – Hydro	”1”	11	2
82–4190	Hose – Hydro.	”6”	9	1
82–4190	Hose – Hydro.	”6”	27	1
82–4190	Hose Assembly	”11”	5	2
82–4200	Hose – Hydro.	”6”	20	1
82–4200	Hose Assembly	”11”	4	1
82–4201	Hose – Hydro.	”6”	7	1
82–4201	Hose Assembly	”11”	7	1
82–4210	Bracket – Bushing	”4”	8	1
82–4220	Cooler – Oil	”1”	2	1
82–4230	Arm – Follower	”4”	16	2
82–4240	Spacer	”4”	25	2
82–4270	Lever Assembly – L.H.	”4”	20	1
82–4290	Lever Assembly – R.H.	”4”	9	1
82–4300	Handle Assembly	”8”	29	1
82–4330	Detent Arm Assembly L.H.	”4”	22	1
82–4340	Detent Arm Assembly R.H.	”4”	*	1
82–4370	Bushing	”4”	23	2
82–4380	Pulley – Pump	”6”	50	2
82–4390	Hose – Fuel	”2	1	”1
82–4540	Hose – Hydro.	”6”	5	1
82–4540	Hose Assembly	”11”	9	1
82–4550	Hose – Hydro.	”6”	6	2
82–4550	Hose Assembly	”11”	1	2
82–4560	Hose – Hydro.	”6”	12	1
82–4560	Hose Assembly	”11”	8	1
82–4570	Plate – Switch	”4”	4	2
82–4580	Bracket – Neutral	”4”	1	2
82–4590	Decal – Caution	”8”	30	1
82–4600	Decal – Hydro Drive	”4”	32	2
82–4620	Strap – Battery	”9”	8	1
82–4640	Battery	”9”	5	1
82–7631	Rod – Control	”8”	24	2
82–7680	Bail Assembly	”8”	20	1
82–7690	Control Bar Assembly	”8”	23	1
82–7741	Decal – Control Panel	”8”	52	1
82–8220	Pump Assembly	”4”	11	2
82–8230	Motor – Wheel	”6”	37	2
82–8440	Tank – Fuel	”2”	5	1
84–1830	Cap	”9”	13	1
85–7310	Nut	”7”	26	1
85–7310	Nut	”6”	39	2
85–7320	Kit – Seal	”7”	*	1
86–4730	Plate – Frame	”6”	54	2
86–4740	Spacer	”6”	53	2
86–4760	Spring	”4”	39	4
86–4770	Idler Asm	”2”	15	1
86–7910	Module	”8”	14	1
86–7910	Module – Interlock	”10”	3	1
88–1880	Spring – Compression	”2”	11	1
93–1175	Wire Harness	”10”	1	1
93–1175	Wire Harness (Ref.)	”8”	39	1
93–1176	Spacer – Engine	”1”	21	2
93–1177	Spacer – Pulley	”2”	28	1

*Not Illustrated

TORO PART NUMBER INDEX (Continued)

Part No.	Description	Pg. No.	Ref. No.	Qty.
93–1180	Holder – Battery	9	2	1
93–1183	Mount – Cooler	1	4	1
93–1187	Panel – Bottom	8	17	1
93–1190	Control – Throttle	8	8	1
93–1191	Control – Choke	8	4	1
93–1371	Pivot Assembly L.H.	4	40	1
93–1372	Pivot Assembly R.H.	4	*	1
218–461	Nut	8	49	1
218–595	Body	8	53	1
231–117	Tire	6	40	2
232–27	Valve Stem	6	*	2
237–7	”O”Ring	2	4	1
237–30	”O”Ring	6	4	A/R
237–42	”O”Ring	6	14	A/R
237–78	”O”Ring	6	35	A/R
237–79	”O”Ring	6	24	A/R
237–80	”O”Ring	6	2	A/R
237–124	Grommet	4	43	1
237–141	Grommet	8	22	2
240–9	Grommet	1	9	2
242–50	Nut – Lug	6	42	8
242–87	Wheel	6	41	2
2410–71	Plug	1	25	2
2411–34	Joint – Ball	4	19	4
2412–98	Clamp – Hose	2	2	2
2412–120	”RClamp	8	12	2
2412–134	”RClamp	1	3	2
2412–136	Clamp Hose	1	10	2
251–259	Bearing – Ball	4	26	2
251–291	Bearing – Pulley	3	8	1
251–292	Bearing – Field	3	2	1
256–156	Bushing	2	14	2
257–5	Washer – Thrust	4	41	2
283–6	Pin – Clevis	8	33	2
288–4	Cap – Pipe	1	15	1
289–42	Nipple – Pipe	1	16	1
2811–10	Fitting – Elbow	1	14	1
2815–15	Fitting – Hydro.	6	8	1
2815–16	Fitting – Hydro.	6	18	1
321–3	Screw	6	28	2
321–3	Screw – Hex. Hd.	4	31	8
321–3	Screw – Hex. hd.	8	46	2
321–8	Screw – Hex. Hd.	4	34	2
321–39	Screw – Hex. Hd.	1	6	4
322–3	Screw	6	11	3
322–3	Screw	6	31	2
322–3	Screw – Hex. Hd.	9	4	2
322–3	Screw – Hex. Hd.	2	7	4
322–5	Screw – Hex. Hd.	4	7	2
322–5	Screw – Hex. Hd.	4	18	4
322–7	Screw – Hex. Hd.	4	13	4
322–10	Screw – Hex. Hd.	1	24	2
322–11	Screw – Hex. Hd.	1	23	2
322–11	Screw – Hex. Hd.	2	26	1
322–14	Screw – Hex. Hd.	4	30	2
323–6	Screw – Hex. Hd.	4	33	6
323–9	Screw – Hex. Hd.	2	12	1
324–5	Screw – Hex. Hd.	4	44	4
325–11	Screw – Hex. Hd.	6	46	8
3212–9	Screw – Hex. Hd.	2	25	1
3213–8	Screw – Hex. Hd.	6	45	8
3230–26	Bolt Carriage	8	42	1
3234–5	Washer – Lock	8	48	1
3234–11	Screw – Hex. hd.	8	40	4
3234–22	Screw – Hex. Hd.	9	1	2
3234–22	Screw – Hex. Hd.	9	17	4
3241–5	Screw – Set	6	48	4
3253–3	Washer – Lock	6	29	2
3253–4	Washer	2	8	5
3253–4	Washer – Lock	6	10	3
3255–7	Washer – Lock, Ext.	8	54	1
3255–8	Washer – Flat	1	19	1
3256–1	Washer	4	15	4
3256–1	Washer – Flat	1	7	4
3256–23	Washer	6	52	1
3256–23	Washer – Flat	4	17	4
3256–23	Washer – Flat	2	19	1
3256–23	Washer – Flat	1	22	4
3256–23	Washer – Flat	8	31	2
3257–8	Key – Woodruff	6	38	2
3274–32	Screw – Hex. Hd.	4	27	2
3290–307	Pin – Cotter	8	26	4
3290–378	Tie – Cable	4	2	2
3290–378	Tie – Cable	8	37	2
3296–2	Nut	8	18	1
3296–2	Nut – Lock	8	10	4
3296–5	Nut – Lock	3	9	3
3296–6	Nut – Lock	2	9	1
3296–13	Nut – Lock	4	10	4
3296–23	Nut	6	1	8
3296–29	Nut	6	25	2
3296–29	Nut – Lock	4	42	12
3296–39	Nut	2	18	1
3296–39	Nut	4	24	6
3296–42	Nut – Lock	1	1	2
3296–42	Nut – Lock	9	11	2
3296–42	Nut – Lock	8	15	2
3296–42	Nut – Lock	4	46	8
3296–47	Nut – Lock	4	21	2
32105–1	Screw – Hex. Hd.	8	25	1
32105–14	Screw – Hex. Hd.	8	36	4
32112–11	Nut – Push On	4	35	8
32112–17	Nut – Push On	6	43	8
32112–18	Retainer – Bolt	8	45	1
32121–4	Pin – Roll	4	47	2
32121–11	Pushnut	4	49	8
32128–10	Nut –Lock	4	37	2
32128–21	Nut – Lock	8	41	4
32128–23	Nut – Lock	9	15	2
32128–42	Nut – Lock	4	12	4
32144–1	Screw – Hex. Hd.	4	5	4
32144–3	Screw – Hex. Hd.	4	45	4
32144–18	Screw – Hex. Hd.	8	2	2
32144–19	Screw	8	11	4
32144–74	Screw	1	17	2
32149–1	Nut	9	6	2
32149–1	Nut – Keps	1	17	1
32151–80	Ring – Push On	8	34	2
32153–3	Nut – Lock	1	18	4
340–4	Fitting – Hydro.	6	19	4
340–6	Fitting – Hydro.	6	3	4
354–115	Fitting – Hydro.	6	13	2
354–116	Fitting – Hydro.	6	15	2
354–117	Fitting –Hydro.	6	34	2
354–118	Fitting – Hydro.	6	26	2

*Not Illustrated

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.

IDENTIFICATION AND ORDERING

MODEL AND SERIAL NUMBERS

The ProLine Mid Size has two identification numbers; a model number and a serial number. The two numbers are stamped on a plate which is located on the main frame. In any correspondence concerning the ProLine Mid Size, supply model and serial numbers to assure that correct information and replacement parts are obtained.

To order replacement parts from an Authorized TORO Service Dealer, supply the following information:

1. Model and serial number of the ProLine Mid Size.
2. Part number, description, and the quantity of part(s) desired.

NOTE: Do not order by reference number if a parts catalog is being used; use the PART NUMBER.

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Optional Equipment	Model / Part Nos.
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
Front Weight Kit–36"/37" Deck	Part No. 80–3350
Standard Sulky	Model No. 30122
Steerable Sulky	Model No. 30123

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MAINTENANCE RECORD

Date								

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MAINTENANCE RECORD

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