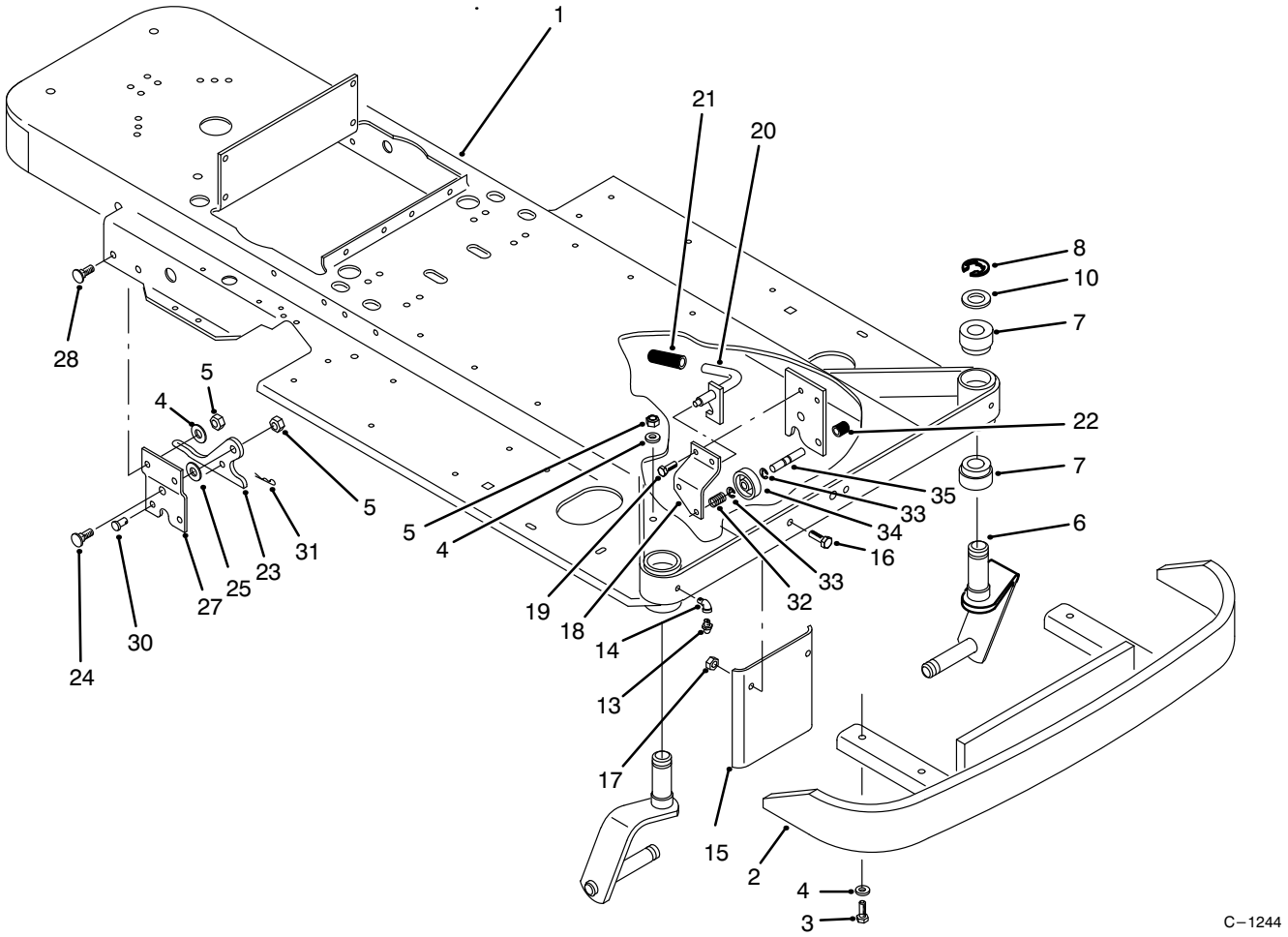
FORM NO. 3316−444 Rev. A

TORO®

MODEL NO. 74041−490001 & UP
MODEL NO. 74120−490001 & UP

**PARTS CATALOG**

# PROLINE
## 616−Ze & 620−Ze ZERO RADIUS TRACTORS




# FRAME & FRONT WHEEL FORK ASSEMBLY

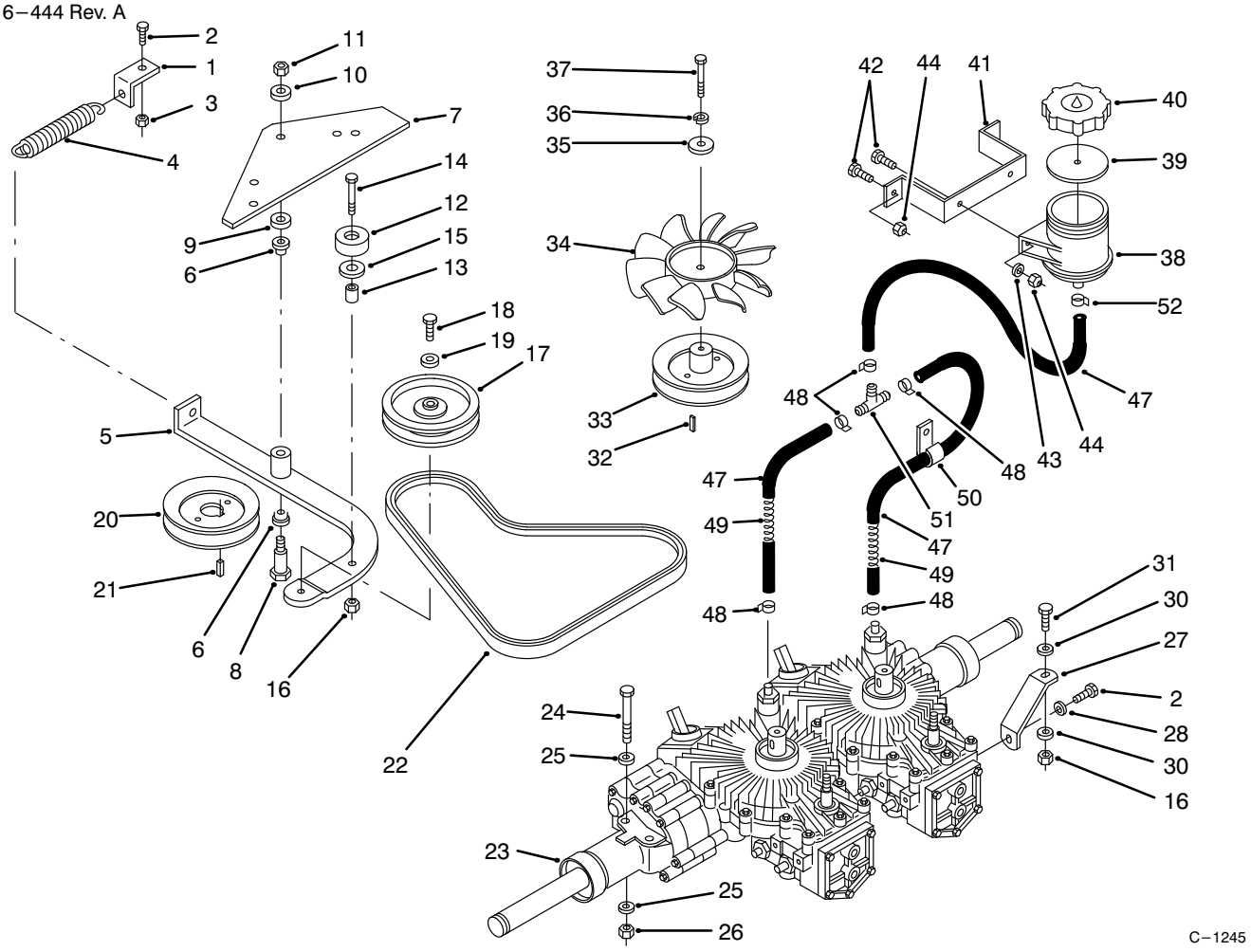
| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 92−1758 | Frame | 1 |
| 2 | 117455 | Bumper − Front | 1 |
| 3 | 323−6 | Screw − Hex. Hd. Cap | 4 |
| 4 | 3256−24 | Washer | 12 |
| 5 | 3296−39 | Nut | 10 |
| 6 | 79−5990 | Fork − Front Wheel, LH | 1 |
| * | 79−6000 | Fork − Front Wheel, RH | 1 |
| 7 | 92−1714 | Bushing − Flange | 4 |
| 8 | 32151−91 | Ring − Retaining | 2 |
| 10 | 920251 | Washer | 2 |
| 11 | 915640 | Nut | 2 |
| 12 | 112825 | Cap − Dust | 2 |
| 13 | 302−2 | Fitting − Grease | 2 |
| 14 | 2811−7 | Elbow − Street | 2 |
| 15 | 121290 | Shield | 1 |
| 16 | 322−5 | Bolt | 2 |
| 17 | 3296−29 | Nut | 2 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 18 | 116331 | Bracket − LH | 1 |
| * | 116330 | Bracket − RH | 1 |
| 19 | 32144−11 | Bolt | 4 |
| 20 | 116245 | Latch − LH | 1 |
| * | 116246 | Latch − RH | 1 |
| 21 | 9038 | Grip | 2 |
| 22 | 105316 | Cap − Plunger | 2 |
| 23 | 104657 | Plate | 2 |
| 24 | 3231−2 | Bolt − Carriage | 2 |
| 25 | 115123 | Washer | 2 |
| 27 | 79−5970 | Plate − Hitch | 2 |
| 28 | 3231−25 | Bolt − Carriage | 4 |
| 30 | 932120 | Pin − Clevis | 2 |
| 31 | 933504 | Pin − Cotter | 2 |
| 32 | 8616 | Spring − Compression | 2 |
| 33 | 105797 | Ring − Retaining | 4 |
| 34 | 101017 | Lock | 2 |
| 35 | 116244 | Rod − Lock | 2 |

*Not Illustrated

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TPS

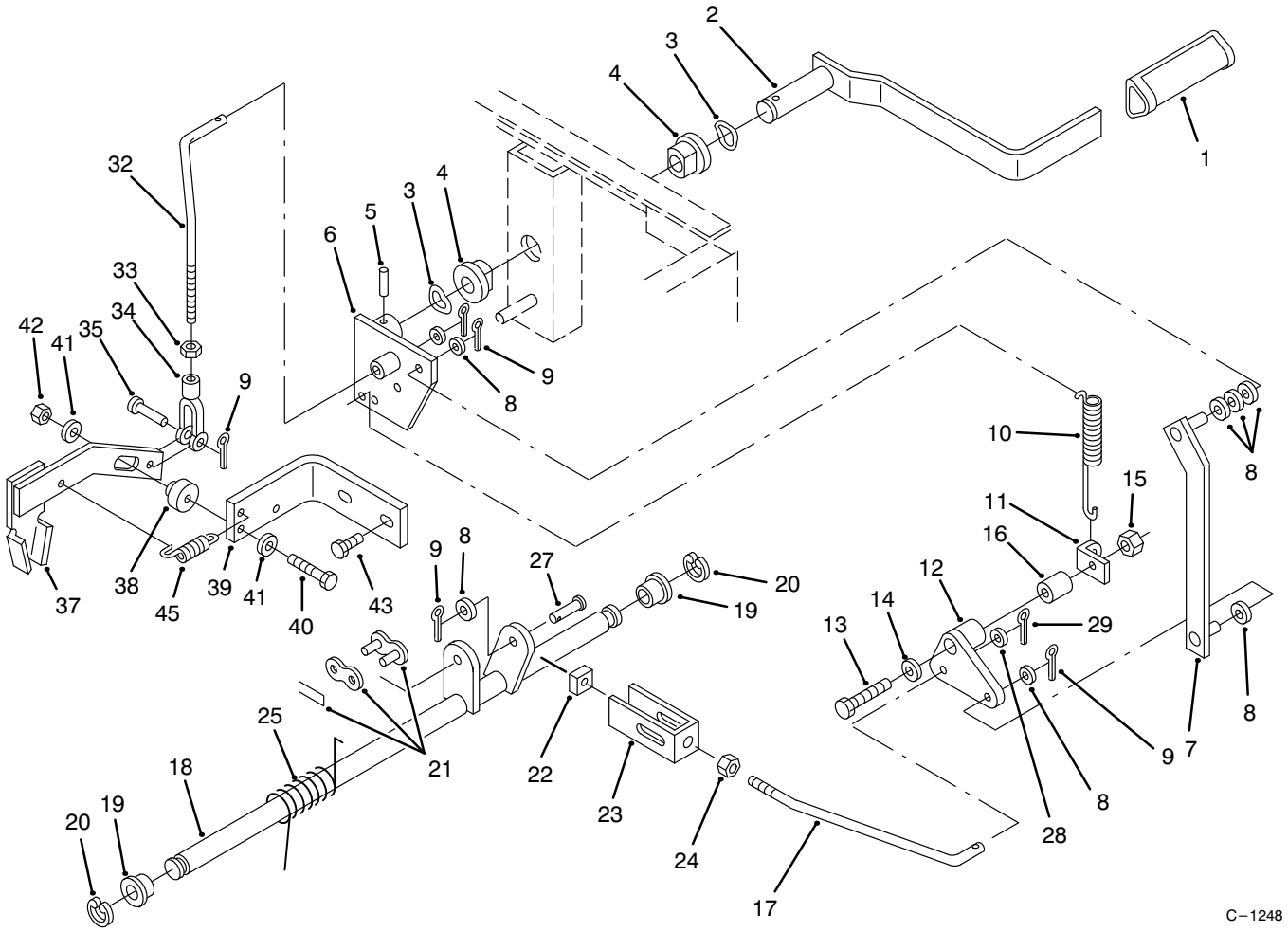



# TRANSMISSION & DRIVE SYSTEM ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 116505 | Bracket | 1 |
| 2 | 322−3 | Bolt | 6 |
| 3 | 3296−29 | Nut | 3 |
| 4 | 116506 | Spring | 1 |
| 5 | 116721 | Arm − Idler | 1 |
| 6 | 6229 | Bearing | 2 |
| 7 | 116718 | Stiffener | 1 |
| 8 | 113165 | Bolt − Shoulder | 1 |
| 9 | 2844 | Washer | 1 |
| 10 | 3256−4 | Washer | 1 |
| 11 | 32146−2 | Nut | 1 |
| 12 | 108889 | Bumper | 1 |
| 13 | 116728 | Spacer | 1 |
| 14 | 322−10 | Bolt | 1 |
| 15 | 116531 | Washer | 1 |
| 16 | 3296−29 | Nut | 1 |
| 17 | 116439 | Pulley − Idler | 3 |
| 18 | 323−6 | Screw − Hex. Hd. Cap | 1 |
| 19 | 3256−24 | Washer | 1 |
| 20 | 119270 | Pulley − Engine | 1 |
| 21 | 105453 | Key | 1 |
| 22 | 116527 | Belt − PTO | 1 |
| 23 | 79−2350 | Transaxle Assembly | 1 |
| 24 | 323−20 | Bolt | 4 |
| 25 | 3256−24 | Washer | 8 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 26 | 3296−39 | Nut | 4 |
| 27 | 115274 | Bracket − Hydro Side | 2 |
| 28 | 9202674 | Washer − Special | 4 |
| 30 | 3256−23 | Washer | 4 |
| 31 | 322−5 | Bolt | 2 |
| 32 | 937086 | Key − Woodruff | 2 |
| 33 | 78−2760 | Pulley − Transmission | 2 |
| 34 | 115271 | Fan | 2 |
| 35 | 103995 | Washer | 2 |
| 36 | 3253−3 | Washer − Lock | 2 |
| 37 | 321−11 | Bolt | 2 |
| 38 | 79−3500 | Reservoir w/Gasket | 2 |
| 39 | 114563 | Gasket | 2 |
| 40 | 79−1080 | Cover | 2 |
| 41 | 79−2330 | Bracket | 1 |
| 42 | 321−4 | Bolt | 4 |
| 43 | 3256−22 | Washer | 2 |
| 44 | 3296−42 | Nut | 4 |
| 47 | 79−2360 | Hose − 7” | 3 |
| 48 | 79−2380 | Clamp | 5 |
| 49 | 79−7500 | Spring − Hose | 3 |
| 50 | 79−2110 | Clamp − Hose | 1 |
| 51 | 79−2410 | Fitting − Tee | 1 |
| 52 | 2412−36 | Clamp − Hose | 1 |

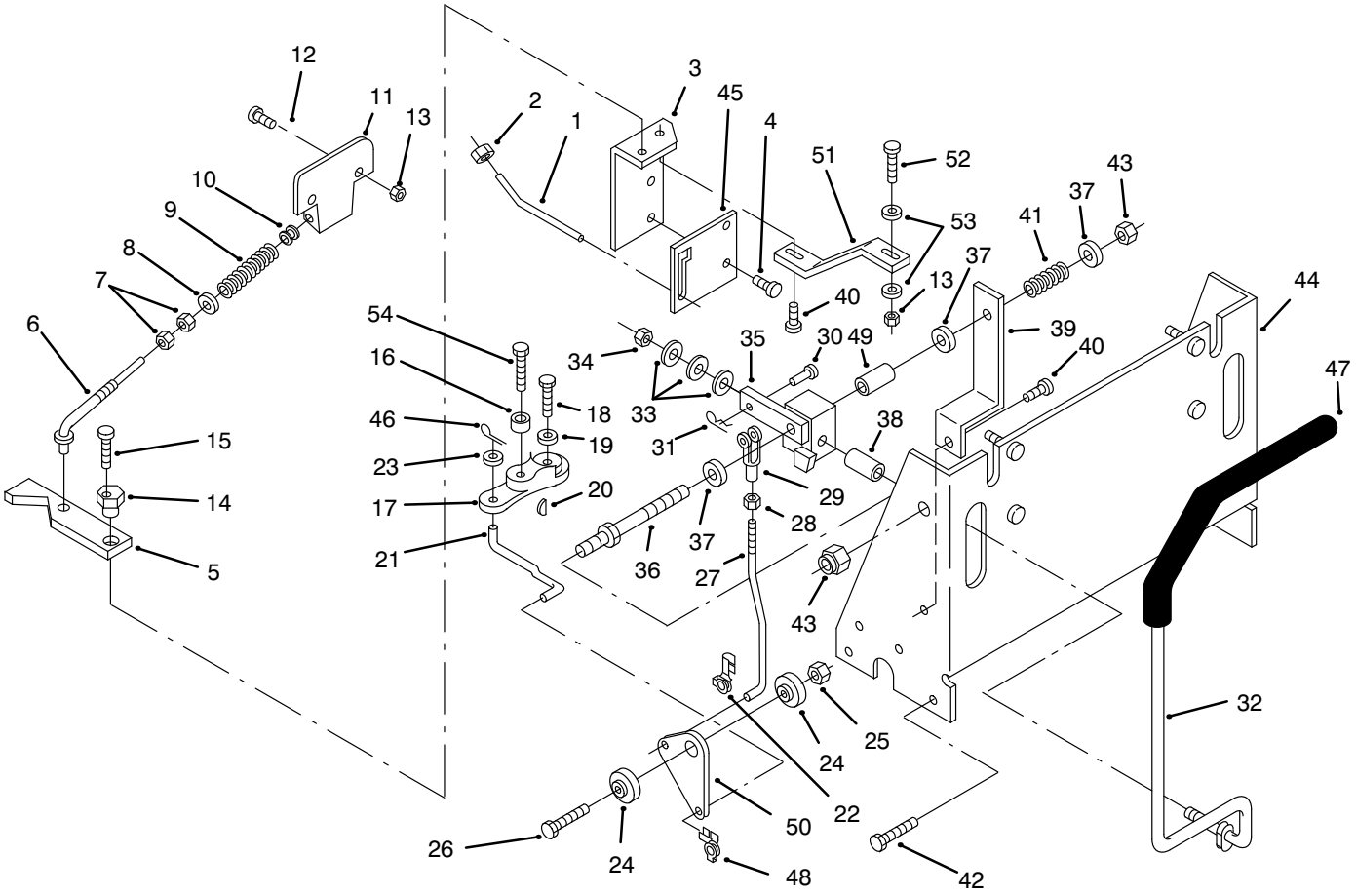
*Not Illustrated




# PARKING BRAKE ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 116393 | Grip | 1 |
| 2 | 115725 | Lever − Brake | 1 |
| 3 | 7896 | Washer − Bowed | 2 |
| 4 | 109189 | Bearing − Flanged | 2 |
| 5 | 32121−93 | Pin − Roll | 1 |
| 6 | 116687 | Arm | 1 |
| 7 | 78−0390 | Rod − Upper Brake | 1 |
| 8 | 3256−23 | Washer | 7 |
| 9 | 3272−6 | Pin − Cotter | 6 |
| 10 | 110769 | Spring − Extension | 1 |
| 11 | 2534 | Clip − Spring | 1 |
| 12 | 115701 | Pivot | 1 |
| 13 | 323−11 | Bolt | 1 |
| 14 | 3256−24 | Washer | 1 |
| 15 | 3296−39 | Nut | 1 |
| 16 | 102025 | Spacer | 1 |
| 17 | 79−2310 | Rod − Lower | 1 |
| 18 | 79−2340 | Shaft − Brake | 1 |
| 19 | 106950 | Bushing | 2 |
| 20 | 32120−72 | Ring − Retaining | 2 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 21 | 2710−33 | Link − Brake | 1 |
| 22 | 915183 | Nut − Square | 1 |
| 23 | 79−2320 | Yoke − Adjuster | 1 |
| 24 | 3217−6 | Nut − Jam | 1 |
| 25 | 79−1780 | Spring − Torsion | 1 |
| 27 | 932948 | Pin − Clevis | 1 |
| 28 | 3256−22 | Washer | 1 |
| 29 | 3272−2 | Pin − Cotter | 1 |
| 32 | 116476 | Rod − Neutral Lock | 1 |
| 33 | 3220−2 | Nut − Jam | 1 |
| 34 | 282−2 | Clevis | 1 |
| 35 | 932121 | Pin − Clevis | 1 |
| 37 | 116267 | Lock − Neutral | 1 |
| 38 | 116264 | Spacer | 1 |
| 39 | 116258 | Bracket − Support | 1 |
| 40 | 321−10 | Bolt | 1 |
| 41 | 3256−2 | Washer | 2 |
| 42 | 3296−42 | Nut | 1 |
| 43 | 32144−11 | Screw | 2 |
| 45 | 116792 | Spring − Extension | 1 |



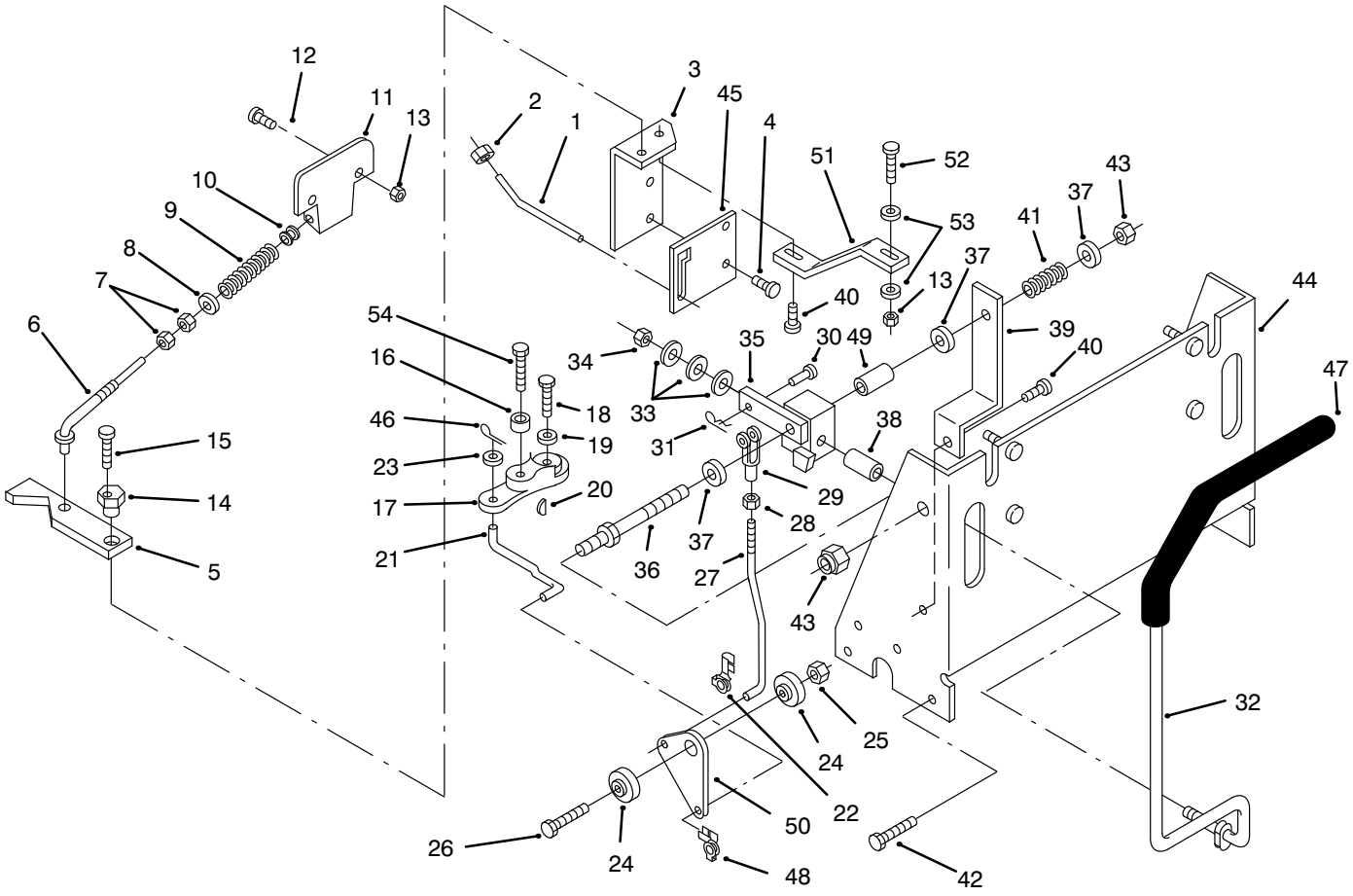

C−1246

# TRANSMISSION CONTROLS ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 115272 | Lever − Tow Valve | 2 |
| 2 | 3296−42 | Nut | 2 |
| 3 | 116114 | Bracket − RH | 1 |
| * | 116113 | Bracket − LH | 1 |
| 4 | 32144−41 | Bolt | 4 |
| 5 | 116112 | Arm | 2 |
| 6 | 116727 | Rod − Neutral Return | 2 |
| 7 | 3218−3 | Nut | 4 |
| 8 | 3256−24 | Washer | 2 |
| 9 | 112113 | Spring | 2 |
| 10 | 5977 | Bushing − Nylon | 2 |
| 11 | 116196 | Bracket | 1 |
| 12 | 3274−53 | Bolt − Soc. Hd. | 2 |
| 13 | 3296−47 | Nut | 4 |
| 14 | 106661 | Cam | 2 |
| 15 | 926698 | Bolt | 2 |
| 16 | 105474 | Spacer | 2 |
| 17 | 79−1440 | Arm − Control, RH | 1 |
| * | 79−1450 | Arm − Control, LH | 1 |
| 18 | 908006 | Bolt | 2 |
| 19 | 3256−2 | Washer | 2 |
| 20 | 937082 | Key − Woodruff | 2 |
| 21 | 115298 | Link − RH | 1 |
| * | 115299 | Link − LH | 1 |
| 22 | 115301 | Clip − Clevis | 2 |
| 23 | 3256−22 | Washer | 2 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 24 | 103409 | Spacer | 4 |
| 25 | 3296−39 | Nut | 2 |
| 26 | 323−9 | Bolt | 2 |
| 27 | 115296 | Rod − Control | 2 |
| 28 | 3220−1 | Nut − Jam | 2 |
| 29 | 103509 | Yoke | 2 |
| 30 | 932120 | Pin − Clevis | 2 |
| 31 | 933503 | Pin − Cotter | 2 |
| 32 | 116732 | Lever − Steering, RH | 1 |
| * | 116731 | Lever − Steering, LH | 1 |
| 33 | 113689 | Washer − Spring | 6 |
| 34 | 3296−23 | Nut − Lock | 2 |
| 35 | 115292 | Pivot − Lever, RH | 1 |
| * | 115291 | Pivot − Lever, LH | 1 |
| 36 | 116259 | Shaft − Pivot | 2 |
| 37 | 3256−26 | Washer | 6 |
| 38 | 113675 | Bushing − Pivot | 2 |
| 39 | 116239 | Bracket − Retainer | 2 |
| 40 | 32144−11 | Bolt − Thread Forming | 4 |
| 41 | 113632 | Spring − Speed Lever | 2 |
| 42 | 9267154 | Screw | 4 |
| 43 | 3296−23 | Nut − Elastic | 4 |
| 44 | 117670 | Support − Lever | 1 |
| 45 | 115273 | Plate − Tow Valve | 2 |
| 46 | 3272−6 | Pin − Cotter | 2 |
| 47 | 92−6519 | Grip | 2 |

*Not Illustrated



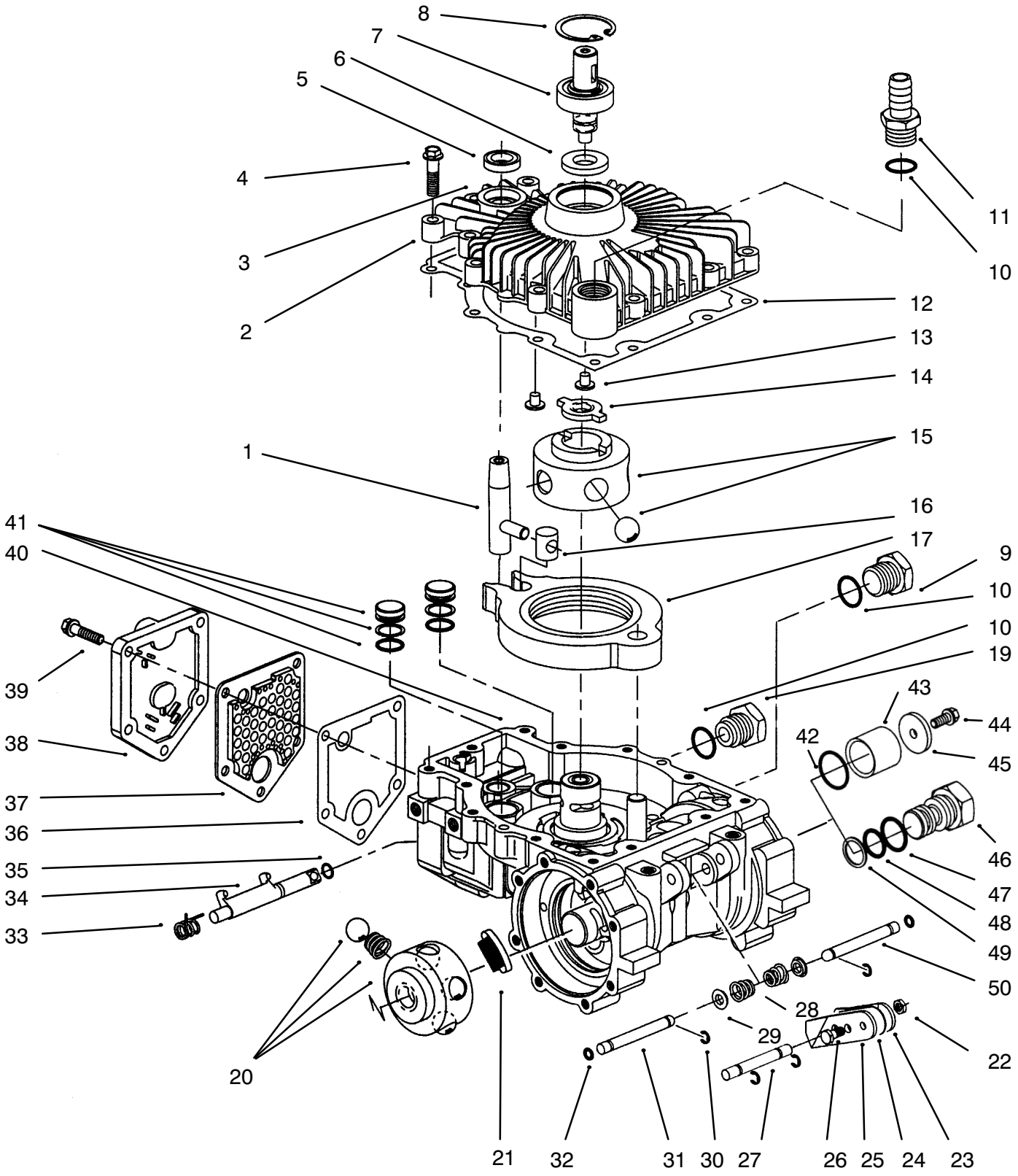

# TRANSMISSION CONTROLS ASSEMBLY (Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 48 | 115300 | Clip − Clevis, RH | 1 |
| * | 115301 | Clip − Clevis, LH | 3 |
| 49 | 115295 | Bushing | 2 |
| 50 | 115297 | Plate | 2 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 51 | 116263 | Bracket − Side | 2 |
| 52 | 322−3 | Bolt | 2 |
| 53 | 3256−23 | Washer | 4 |
| 54 | 323−6 | Screw − Cap Hex. Hd. | 2 |

*Not Illustrated

# TRANSMISSION EATON MODEL 781−016




c−1133

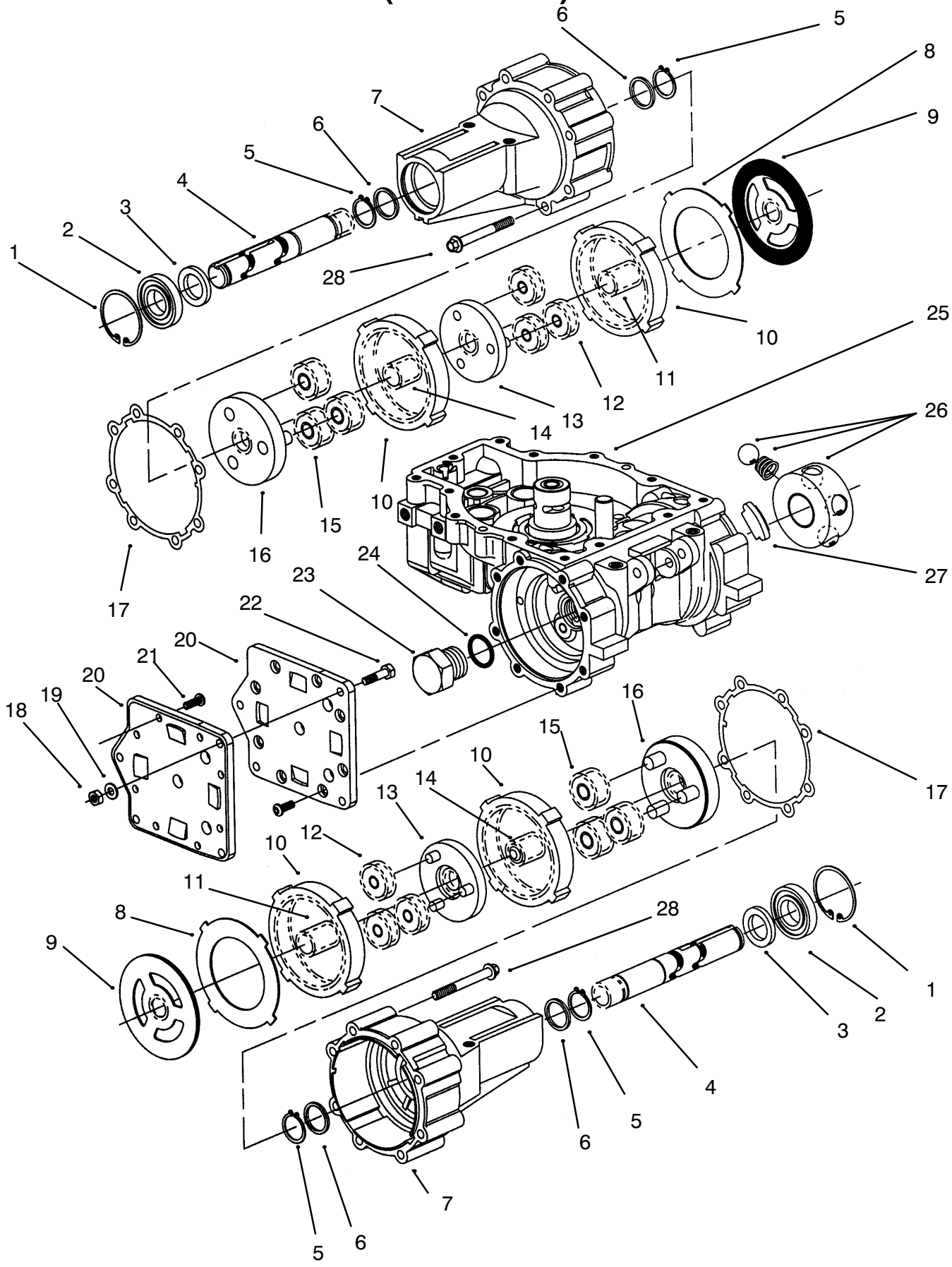
# TRANSMISSION ASSEMBLY EATON MODEL 781−016

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 88−2930 | Shaft − Control | 2 |
| 2 | 88−2210 | Cover Assembly (Incl. Ref.# 3, 5−8) | 2 |
| 3 | 88−2220 | Cover | 2 |
| 4 | 88−2230 | Screw | 26 |
| 5 | 112605 | Seal − Control Shaft | 2 |
| 6 | 112604 | Seal − Input Shaft | 2 |
| 7 | 88−2240 | Shaft − Input | 1 |
| 8 | 112600 | Ring − Retaining | 2 |
| 9 | 88−2250 | Plug Assembly (Incl. Ref. #10) | 2 |
| 10 | 88−2260 | Seal − "O"Ring | 6 |
| 11 | 88−2270 | Fitting 90° | 2 |
| 12 | 88−2280 | Gasket − Cover | 4 |
| 13 | 112595 | Button | 2 |
| 14 | 88−2290 | Drive − Roto Ball | 2 |
| 15 | 88−2300 | Pump Assembly, Rotor Ball | 2 |
| 16 | 88−2310 | Insert | 2 |
| 17 | 88−2320 | Ring Assembly − Cam | 2 |
| 19 | 88−2340 | Nut − Assembly | 2 |
| 20 | 88−2340 | Motor Assembly Rotor Ball | 4 |
| 21 | 88−2350 | Pad − Friction | 4 |
| 22 | 88−2360 | Nut − Lock | 1 |
| 23 | 88−2370 | Lever − Brake, R.H. | 1 |
| 24 | 88−2380 | Shim − .020 | A/R |
| * | 88−1340 | Shim − .020 | A/R |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 25 | 88−2390 | Lever − Brake, L.H. | 1 |
| 26 | 88−2400 | Screw − Hex. Hd. | 1 |
| 27 | 88−2410 | Shaft − Brake | 1 |
| 28 | 88−2420 | Spring − Conical, | 4 |
| 29 | 88−2430 | Base −Spring | 2 |
| 30 | 88−2440 | Ring − Retaining | 6 |
| 31 | 88−2450 | Rod − Push | 2 |
| 32 | 88−2460 | Seal − Quad | 2 |
| 33 | 88−2470 | Spring − Dump Valve | 2 |
| 34 | 88−2480 | Bracket −Dump Valve | 2 |
| 35 | 88−2490 | "O"Ring − Seal | 2 |
| 36 | 88−2500 | Gasket − Filter | 1 |
| 37 | 88−2510 | Filter | 2 |
| 38 | 88−2520 | Cover − Valve | 2 |
| 39 | 88−2530 | Screw − Hex. Hd. | 11 |
| 40 | 88−2940 | Housing | 2 |
| 41 | 88−2950 | Piston Assembly | 4 |
| 42 | 88−2960 | Seal − "O"Ring | 1 |
| 43 | 88−2970 | Seal − Cup | 1 |
| 45 | 88−2980 | Washer | 1 |
| 46 | 88−2990 | Plug | 1 |
| 47 | 88−3000 | "O"Ring − Seal | 1 |
| 48 | 88−3010 | "O"Ring − Seal | 1 |
| 49 | 88−3020 | Ring − Backup | 1 |
| 50 | 88−3030 | Rod − Push | 1 |

*Not Illustrated

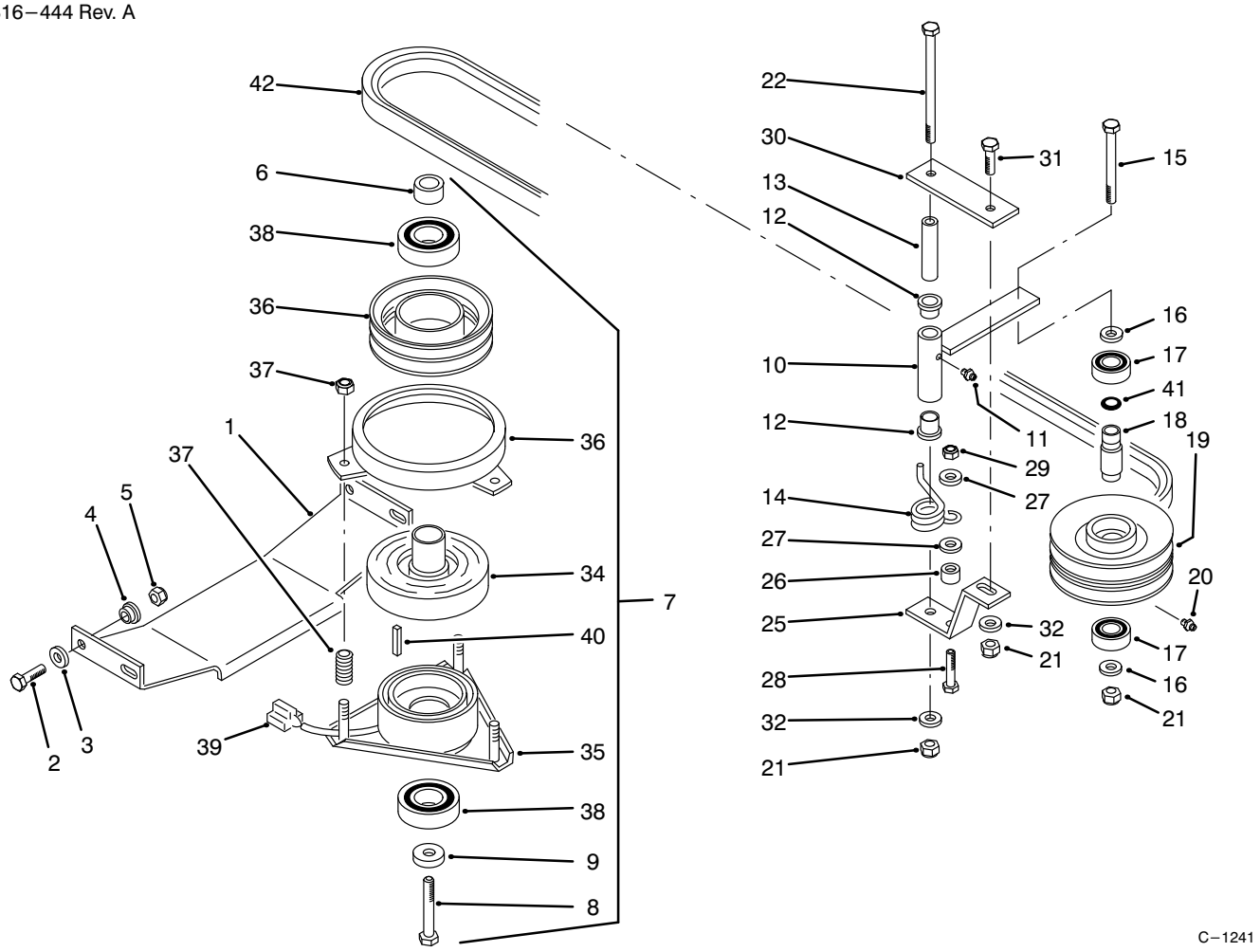
# TRANSMISSION ASSEMBLY EATON MODEL 781−016 (Continued)



# TRANSMISSION ASSEMBLY EATON MODEL 781−016 (Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 88−2560 | Ring − Retaining | 2 |
| 2 | 88−2570 | Bearing − Ball | 2 |
| 3 | 88−2580 | Seal − Radial Lip | 2 |
| 4 | 88−2590 | Shaft − Axle | 2 |
| 5 | 88−2600 | Ring − Retaining | 4 |
| 6 | 88−2610 | Washer − Thrust | 4 |
| 7 | 88−2620 | Housing − Axle | 2 |
| * | 88−3050 | Axle Housing Assembly (Incl. Ref.# 1−7) | 1 |
| 8 | 88−2660 | Plate − Backup | 2 |
| 9 | 88−3060 | Plate − Reaction | 2 |
| 10 | 88−2670 | Gear − Ring, 57 Tooth | 4 |
| 11 | 88−2680 | Gear − First,15 Tooth | 2 |
| 12 | 88−2800 | Carrier Primary | 2 |
| 13 | 88−2690 | Gear − Planet First 21 Tooth | 6 |
| 14 | 88−2810 | Gear − Second 15 Tooth | 2 |
| 15 | 88−2820 | Gear − Second 21 Tooth | 6 |
| 16 | 88−2810 | Gear − Second 15 Tooth | 6 |
| 17 | 88−2640 | Gasket − Axle Housing | 2 |
| 18 | 88−3070 | Nut | 4 |
| 19 | 88−3080 | Washer − Lock | 4 |
| 20 | 88−3090 | Flange | 2 |
| 21 | 88−3100 | Screw | 16 |
| 22 | 88−3110 | Screw | 4 |
| 23 | 88−3120 | Plug | 1 |
| 24 | 88−3000 | ”O”Ring | 1 |
| 25 | 88−3130 | Housing Assembly | 1 |
| * | 88−3150 | Transmission 1/2 L.H. | 1 |
| * | 88−3160 | Transmission 1/2 R.H. | 1 |
| 26 | | Motor Assembly | |
| 27 | | Pad Assembly | |
| 28 | 88−2840 | Screw | 16 |

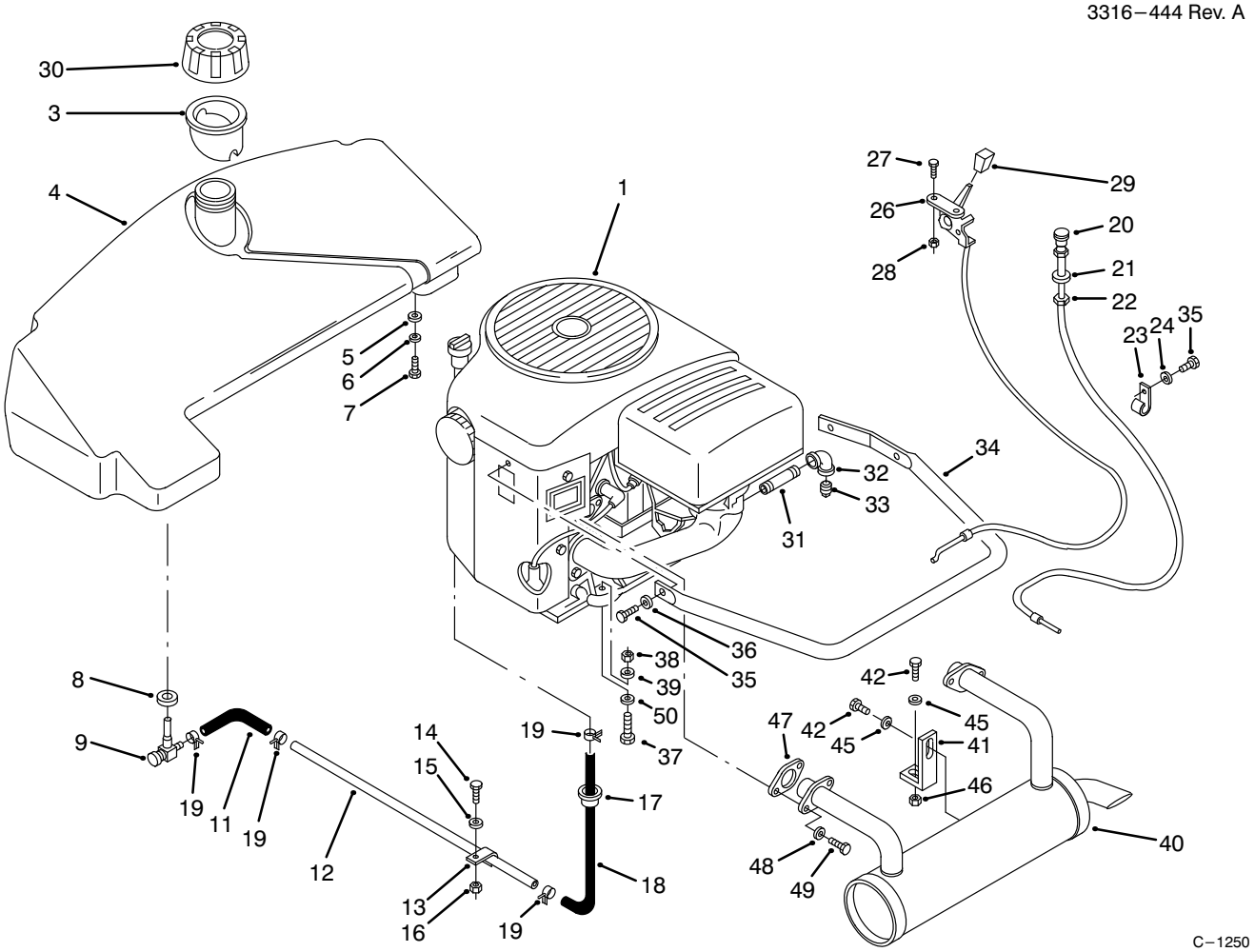
*Not Illustrated




# PTO ELECTRIC CLUTCH & DRIVE ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 116422 | Bracket | 1 |
| 2 | 322−4 | Bolt | 4 |
| 3 | 3256−23 | Washer | 4 |
| 4 | 105503 | Bushing | 2 |
| 5 | 3296−29 | Nut | 4 |
| 6 | 115335 | Spacer | 1 |
| 7 | 116277 | Electric Clutch Assembly (Incl. Ref. #6, 8, 9 & 34−40) | 1 |
| 8 | 3212−11 | Bolt | 1 |
| 9 | 112843 | Washer | 1 |
| 10 | 115437 | Arm − Idler | 1 |
| 11 | 111420 | Fitting − Grease | 1 |
| 12 | 109859 | Bushing | 2 |
| 13 | 109950 | Spacer | 1 |
| 14 | 108177 | Spring − Torsion | 1 |
| 15 | 323−15 | Bolt | 1 |
| 16 | 920241 | Washer − Spacer | 2 |
| 17 | 109966 | Bearing | 2 |
| 18 | 115682 | Spacer − Idler | 1 |
| 19 | 116184 | Pulley | 1 |
| 20 | 302−5 | Fitting − Grease | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 21 | 3296−39 | Nut | 1 |
| 22 | 323−16 | Bolt | 1 |
| 25 | 115440 | Bracket − Idler | 1 |
| 26 | 100304 | Spacer | 1 |
| 27 | 3256−3 | Washer | 2 |
| 28 | 322−7 | Bolt | 1 |
| 29 | 3296−29 | Nut | 1 |
| 30 | 116253 | Plate | 1 |
| 31 | 323−7 | Bolt | 1 |
| 32 | 3256−24 | Washer | 2 |
| 34 | 117194 | Rotor | 1 |
| 35 | 117193 | Field Assembly (Incl. Ref. #38) | 1 |
| 36 | 117195 | Armature & Pulley Assembly (Incl. Ref. #38) | 1 |
| 37 | 113823 | Spring and Nuts | 1 |
| 38 | 114064 | Bearing | 2 |
| 39 | 110459 | Connector | 1 |
| 40 | 105453 | Key | 1 |
| 41 | 971015 | ”O”Ring | 1 |
| 42 | 116183 | ”V”Belt | 1 |

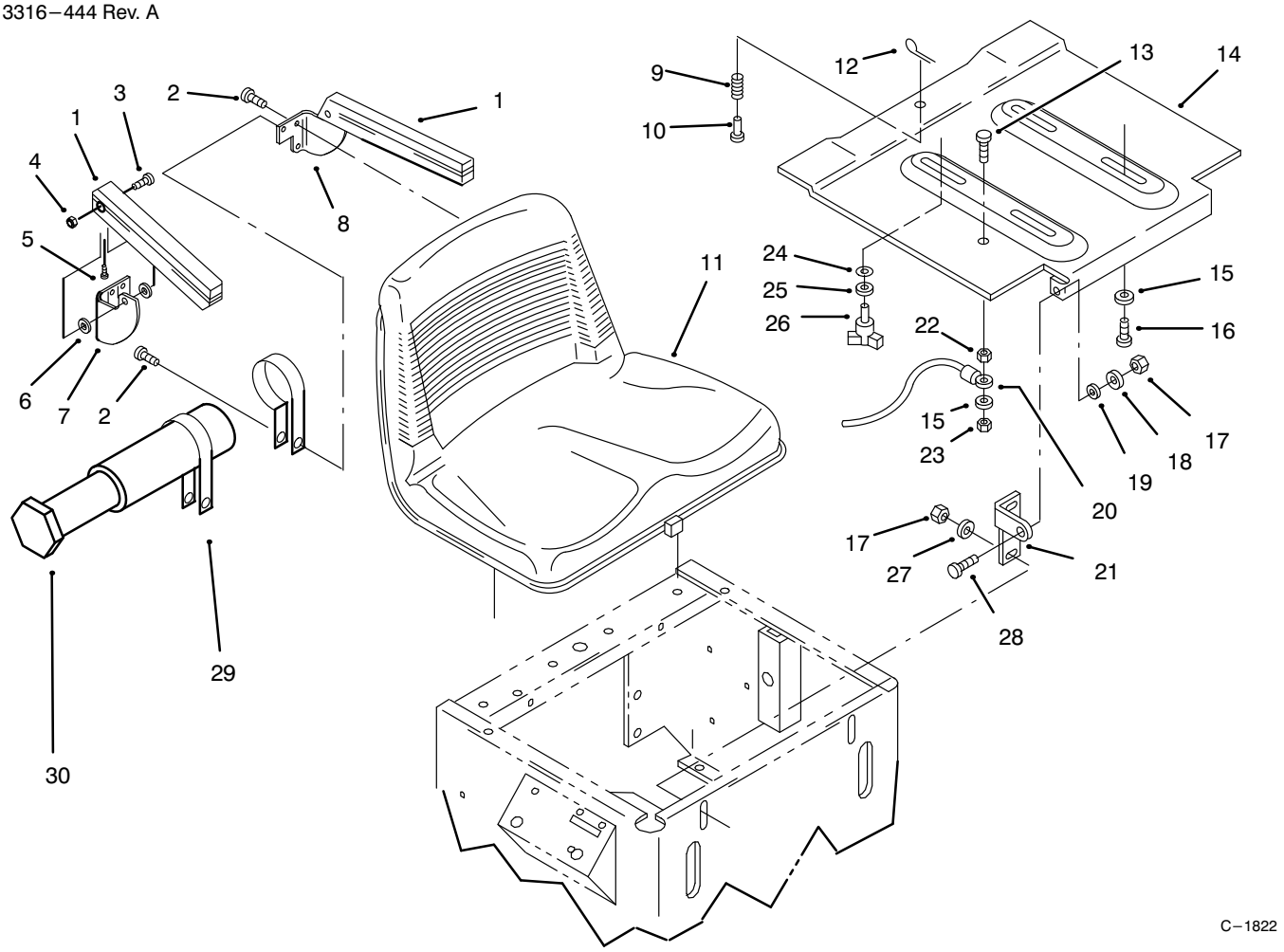



# ENGINE & FUEL SYSTEM ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 79−5230 | Engine − 16HP Model P216V − I/11103−D | 1 |
| * | 79−5240 | Engine − 20HP Model P220V − I/11104−D | 1 |
| 3 | 115741 | Funnel − Tank | 1 |
| 4 | 116363 | Valve Assy − Fuel Tank | 1 |
| 5 | 3256−3 | Washer | 4 |
| 6 | 3253−4 | Washer − Lock | 4 |
| 7 | 322−2 | Bolt | 4 |
| 8 | 104047 | Bushing | 1 |
| 9 | 104048 | Valve Assy − Fuel | 1 |
| 11 | 47−2966 | Hose 5” | 1 |
| 12 | 115780 | Tube − Fuel | 1 |
| 13 | 111392 | ”J”Clip | 3 |
| 14 | 908017 | Bolt | 3 |
| 15 | 3256−23 | Washer | 3 |
| 16 | 3296−29 | Nut | 3 |
| 17 | 938031 | Bushing | 2 |
| 18 | 47−2968 | Hose − 18” Fuel | 1 |
| 19 | 2412−95 | Clamp − Hose | 4 |
| 20 | 116289 | Control − Choke | 1 |
| 21 | 3256−46 | Washer | 1 |
| 22 | 109530 | Nut − Pal | 1 |
| 23 | 8830 | Clip | 2 |
| 24 | 3256−22 | Washer − Lock | 2 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 26 | 78−2790 | Control − Throttle | 1 |
| 27 | 3250−14 | Screw | 2 |
| 28 | 3296−2 | Nut | 2 |
| 29 | 116454 | Knob | 1 |
| 30 | 55−3570 | Cap − Tank | 1 |
| 31 | 116159 | Nipple | 1 |
| 32 | 114764 | Elbow | 1 |
| 33 | 943420 | Plug − Pipe | 1 |
| 34 | 116708 | Guard − Air Cleaner | 1 |
| 35 | 321−3 | Bolt | 5 |
| 36 | 3253−3 | Washer − Lock | 3 |
| 37 | 908021 | Bolt | 4 |
| 38 | 3296−29 | Nut | 4 |
| 39 | 3256−23 | Washer | 3 |
| 40 | 116030 | Muffler | 1 |
| 41 | 116029 | Bracket − Muffler | 1 |
| 42 | 322−2 | Bolt | 2 |
| 43 | 3256−23 | Washer | 1 |
| 45 | 3256−23 | Washer | 1 |
| 46 | 3296−29 | Nut | 1 |
| 47 | 57−9210 | Gasket − Exhaust | 2 |
| 48 | 3253−4 | Washer − Lock | 4 |
| 49 | 3274−10 | Bolt | 4 |
| 50 | 116531 | Washer | 2 |

*Not Illustrated

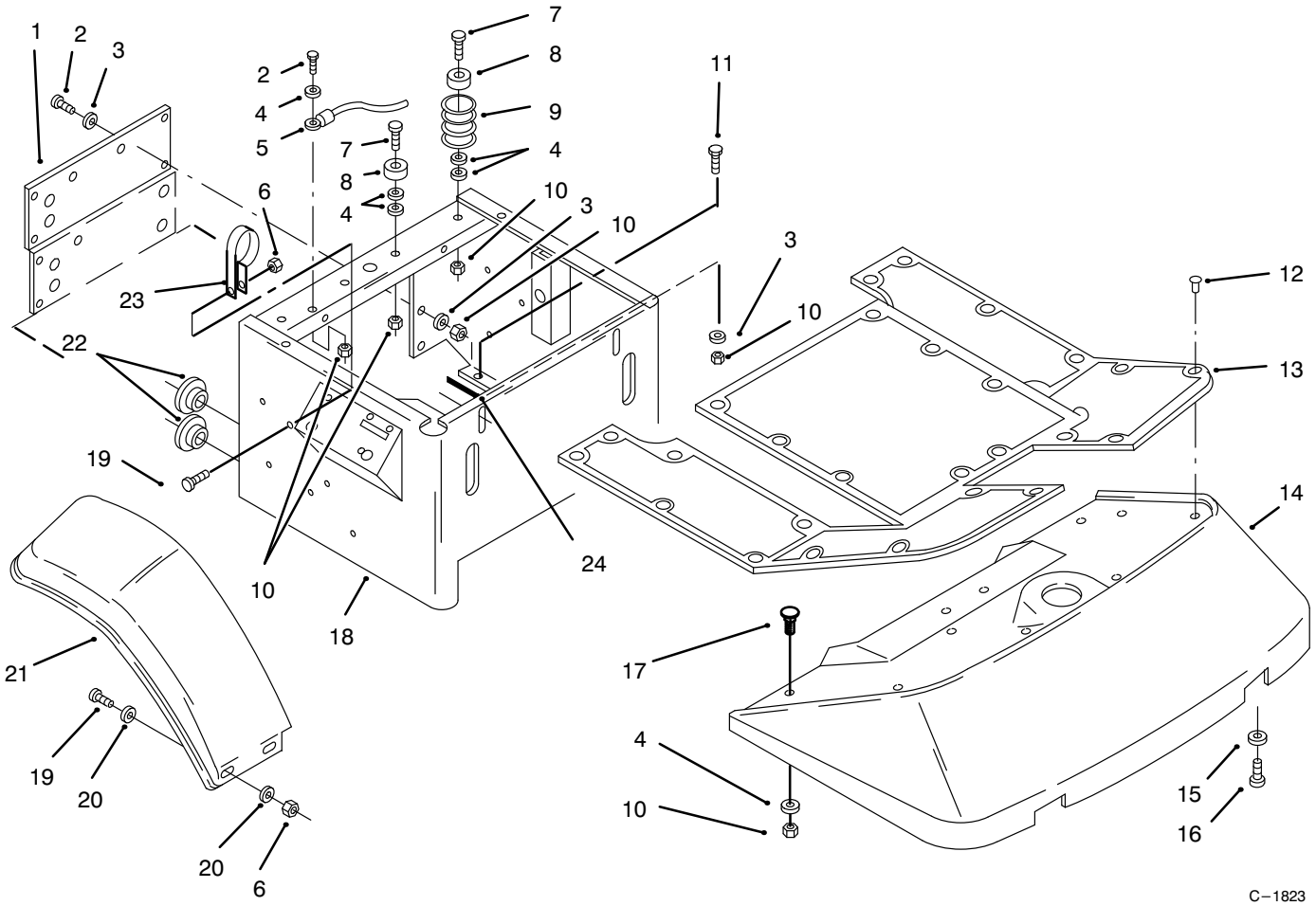



# SEAT ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 92−0988 | Armrest | 2 |
| 2 | 92−0992 | Screw | 6 |
| 3 | 92−0989 | Screw | 2 |
| 4 | 92−0991 | Nut − Lock Acorn | 2 |
| 5 | 92−0990 | Screw | 2 |
| 6 | 92−0993 | Spacer | 4 |
| 7 | 92−0987 | Bracket − R.H. Arm | 1 |
| 8 | 92−0986 | Bracket − L.H. Arm | 1 |
| 9 | 116195 | Spring | 1 |
| 10 | 106449 | Pin | 1 |
| 11 | 88−3220 | Seat 620−Z | 1 |
| * | 88−3210 | Seat 616−Z | 1 |
| 12 | 3272−6 | Pin − Cotter | 1 |
| 13 | 322−5 | Bolt | 1 |
| 14 | 116504 | Plate − Pivot | 1 |
| 15 | 3256−3 | Washer | 3 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 16 | 108686 | Bolt | 2 |
| 17 | 3296−39 | Nut | 6 |
| 18 | 3256−24 | Washer | 2 |
| 19 | 104525 | Spacer | 2 |
| 20 | 115850 | Cable | 1 |
| 21 | 116572 | Bracket − Seat Pivot, R.H. | 1 |
| * | 116573 | Bracket − Seat Pivot, L.H. | 1 |
| 22 | 3217−6 | Nut | 1 |
| 23 | 3296−29 | Nut | 1 |
| 24 | 78−2740 | Washer − Lock | 2 |
| 25 | 3256−23 | Washer | 2 |
| 26 | 116819 | Knob | 2 |
| 27 | 3256−4 | Washer | 4 |
| 28 | 3231−25 | Bolt − Carriage | 2 |
| 29 | 2412−133 | Clamp − Tube | 2 |
| 30 | 74−0720 | Tube − Manual | 1 |

*Not Illustrated

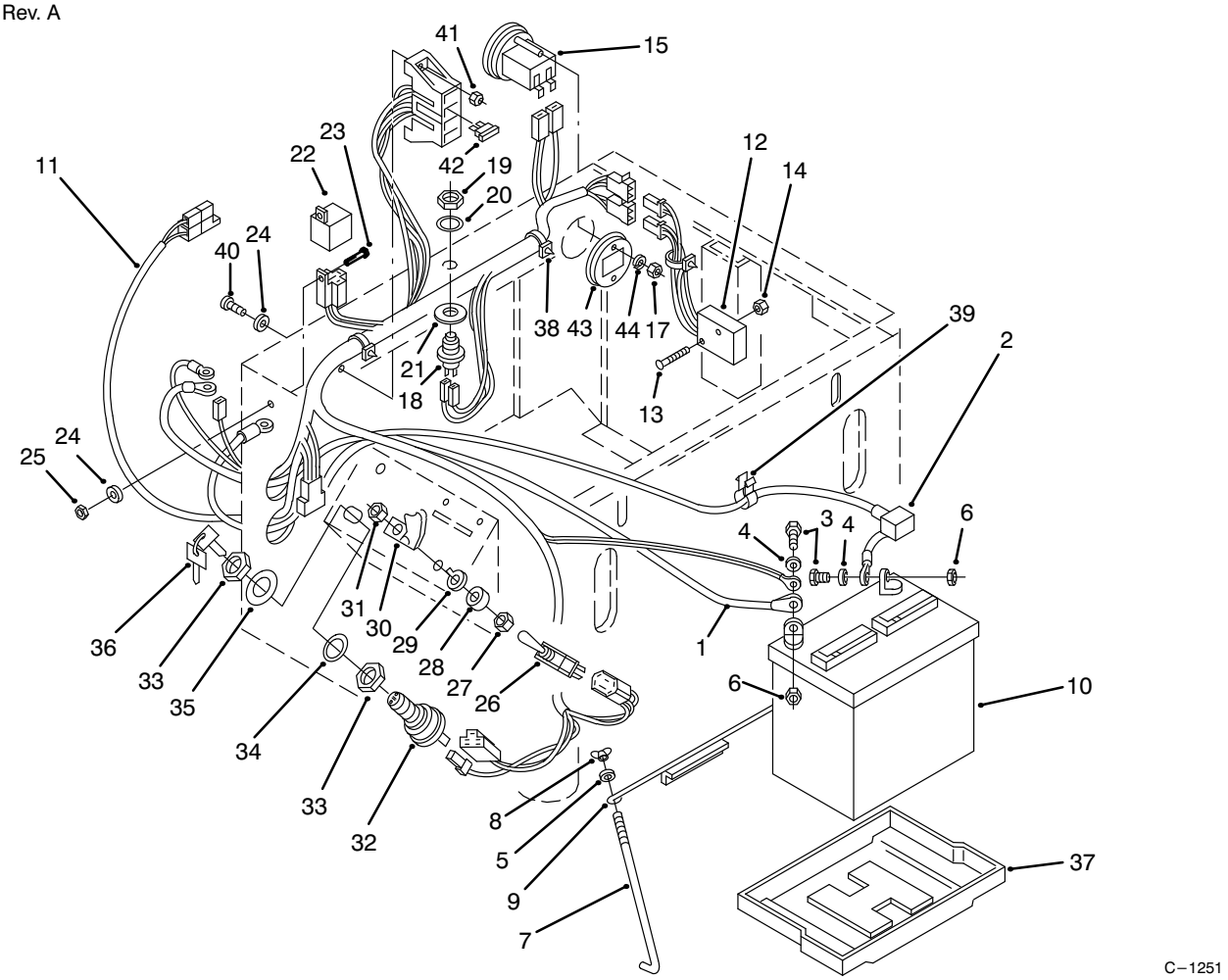



# FENDERS & FLOOR PAN ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 79−2290 | Cover | 1 |
| 2 | 322−3 | Bolt | 9 |
| 3 | 3256−23 | Washer | 10 |
| 4 | 3256−3 | Washer | 2 |
| 5 | 115850 | Cable | 1 |
| 6 | 3296−42 | Nut | 13 |
| 7 | 322−5 | Bolt | 5 |
| 8 | 108889 | Bumper | 4 |
| 9 | 114268 | Spring − 620−Z | 2 |
| * | 114496 | Spring − 620−Z (Nylon) | 2 |
| * | 114269 | Spring − 616−Z | 2 |
| * | 114497 | Spring − 616−Z (Nylon) | 2 |
| 10 | 3296−29 | Nut | 16 |
| 11 | 3234−5 | Screw | 6 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 12 | 116456 | Rivet − Carpet Plastic | 28 |
| 13 | 116455 | Mat − Black | 1 |
| 14 | 118940 | Pan − Floor | 1 |
| 15 | 3253−4 | Washer − Lock | 4 |
| 16 | 32144−11 | Bolt | 4 |
| 17 | 3230−1 | Bolt − Carriage | 2 |
| 18 | 79−5960 | Support − Seat | 1 |
| 19 | 321−4 | Bolt | 13 |
| 20 | 3256−22 | Washer | 24 |
| 21 | 116064 | Fender − RH | 1 |
| * | 116065 | Fender − LH | 1 |
| 22 | 938037 | Bushing | 2 |
| 23 | 2412−104 | Clamp | 1 |
| 24 | 115200 | Edge Trim | 1 |

*Not Illustrated



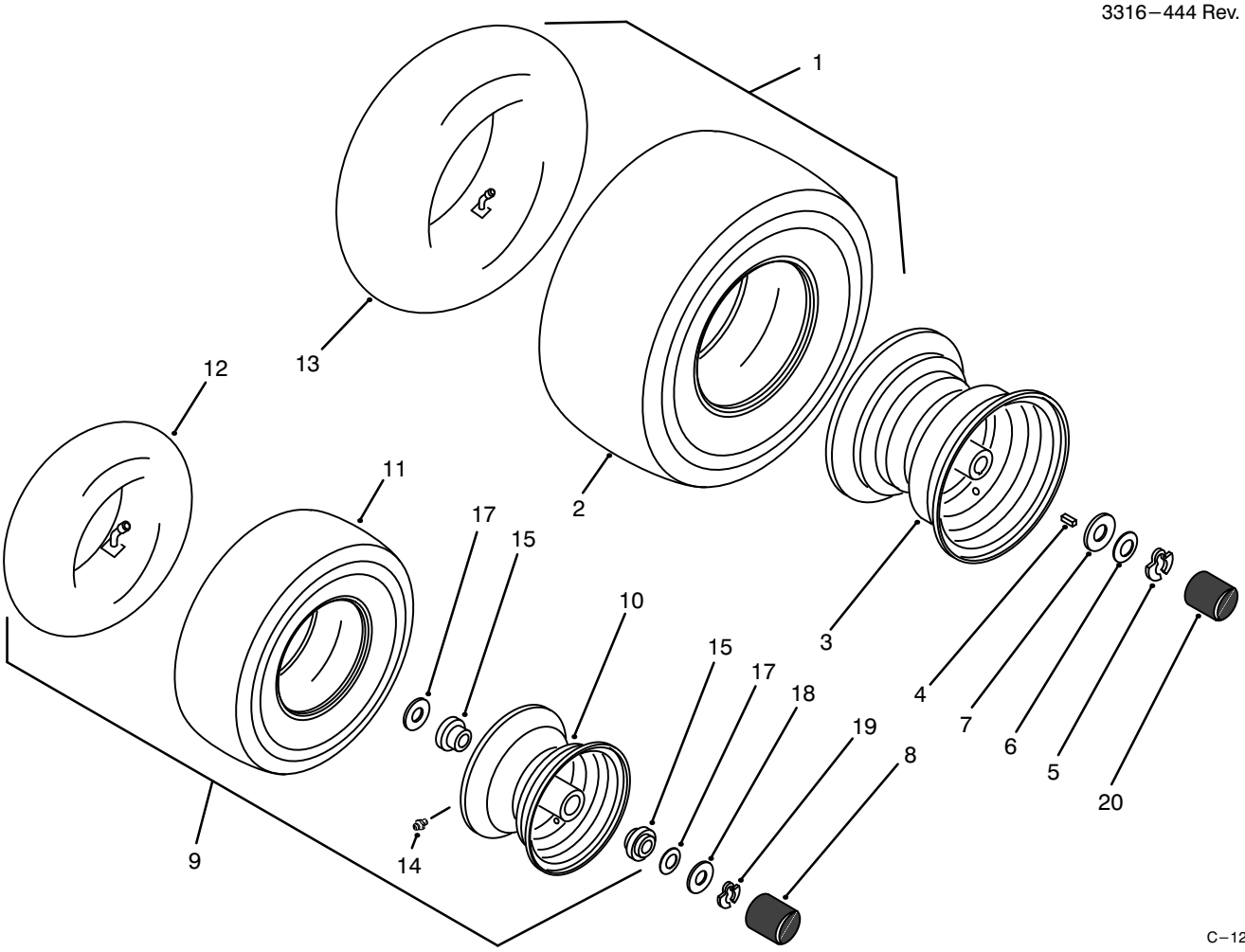

C−1251

# ELECTRICAL SYSTEM ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 111075 | Cable | 2 |
| 2 | 109553 | Boot | 1 |
| 3 | 321−4 | Bolt | 2 |
| 4 | 104869 | Washer − Flat | 2 |
| 5 | 3256−22 | Washer | 2 |
| 6 | 3296−42 | Nut | 2 |
| 7 | 113969 | Hook | 2 |
| 8 | 32103−22 | Nut − Wing | 2 |
| 9 | 113010 | Down − Hold | 1 |
| 10 | 115877 | Battery − 280 CCA | 1 |
| 11 | 78−5840 | Harness − Wiring | 1 |
| 12 | 116237 | Switch − Neutral | 1 |
| 13 | 3250−23 | Screw − Machine | 2 |
| 14 | 3296−2 | Nut | 2 |
| 15 | 78−0020 | Hourmeter − Assembly Incl. Ref. #17, 43 & 44) | 1 |
| 17 | 3217−27 | Nut − Hex. | 2 |
| 18 | 116194 | Switch − Seat | 1 |
| 19 | 116238 | Nut | 1 |
| 20 | 920160 | Washer − Lock | 1 |
| 21 | 3256−27 | Washer | 1 |
| 22 | 116397 | Relay | 1 |
| 23 | 32105−2 | Screw | 1 |
| 24 | 3256−14 | Washer | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 25 | 3296−2 | Nut | 1 |
| 26 | 116716 | Switch − PTO | 1 |
| 27 | 105805 | Nut − Special | 1 |
| 28 | 920242 | Spacer | 1 |
| 29 | 102950 | Washer − Tab | 1 |
| 30 | 113050 | Cover − PTO Switch | 1 |
| 31 | 113179 | Nut − Face | 1 |
| 32 | 117292 | Switch − Ignition | 1 |
| 33 | 116154 | Nut | 2 |
| 34 | 920163 | Washer − Lock ITLW | 1 |
| 35 | 920273 | Washer − Special | 1 |
| 36 | 117048 | Key − Ignition (Set of 2) | 1 |
| 37 | 106948 | Tray − Battery | 1 |
| 38 | 115860 | Clip − Snap Int. | X |
| * | 115858 | Clip − Snap Int. | X |
| 39 | 115860 | Clip − Snap Int. | 1 |
| 40 | 3290−134 | Screw | 2 |
| 41 | 3296−2 | Nut | 2 |
| 42 | 114594 | Fuse 10 AMP | 1 |
| * | 109101 | Fuse 20 AMP | 1 |
| * | NN10277 | Fuse 30 AMP | 1 |
| 43 | 78−3320 | Clamp − Hourmeter | 1 |
| 44 | 3253−15 | Washer − Lock | 2 |

*Not Illustrated



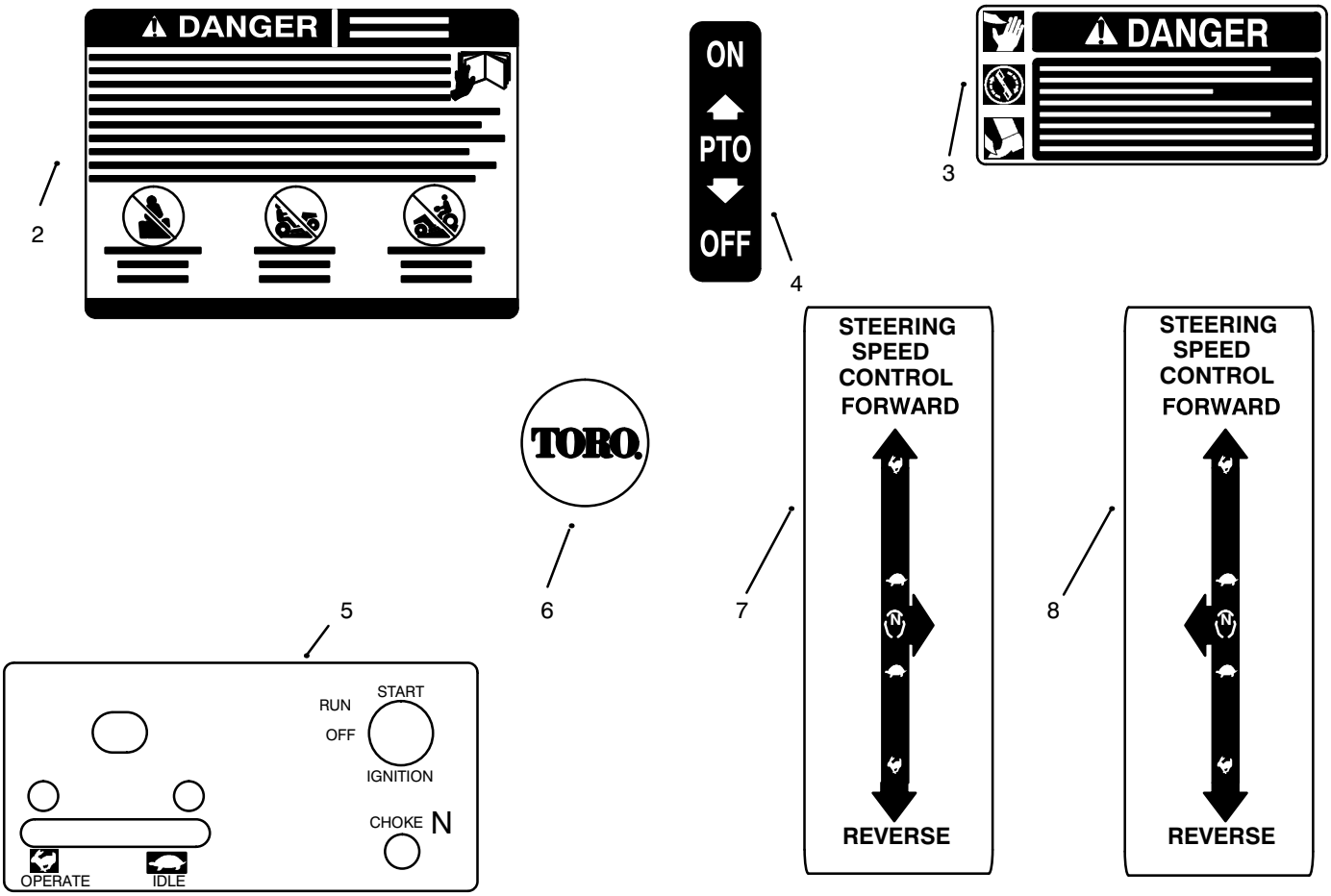

C−1240

# WHEELS & TIRES ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 117280 | Rear Wheel Assembly 18 x 9.50 x 8 (Incl. Ref. #2, 3,& 13) | 2 |
| 2 | 116880 | Tire − Rear 18 x 9.50−8 | 2 |
| 3 | 117281 | Wheel − Rear | 2 |
| 4 | 79−2000 | Key | 2 |
| 5 | 32151−91 | Ring − Retaining | 2 |
| 6 | 920252 | Washer | 2 |
| 7 | 920251 | Washer | 2 |
| 8 | 109154 | Cap − Hub, Front | 2 |
| 9 | 117276 | Front Wheel Assembly 11 x 4.00−5 (Incl. Ref. #10−12, 14 & 15) | 2 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 10 | 117278 | Front Wheel Assembly (Incl. Ref. #14 & 15) | 2 |
| 11 | 117391 | Tire − Front 11 x 4.00−5 | 2 |
| 12 | 107963 | Tube − Front Tire | 2 |
| 13 | 106396 | Tube − Rear Tire | 2 |
| 14 | 109500 | Fitting − Grease | 2 |
| 15 | 110513 | Bearing − Front Wheel | 4 |
| 17 | 5210 | Washer | 4 |
| 18 | 78−7410 | Washer | 4 |
| 19 | 115882 | Ring − Klip | 2 |
| 20 | 111951 | Cap − Hub Rear | 2 |
| * | 5108 | Stem − Valve (For Tubeless Tires) | 2 |

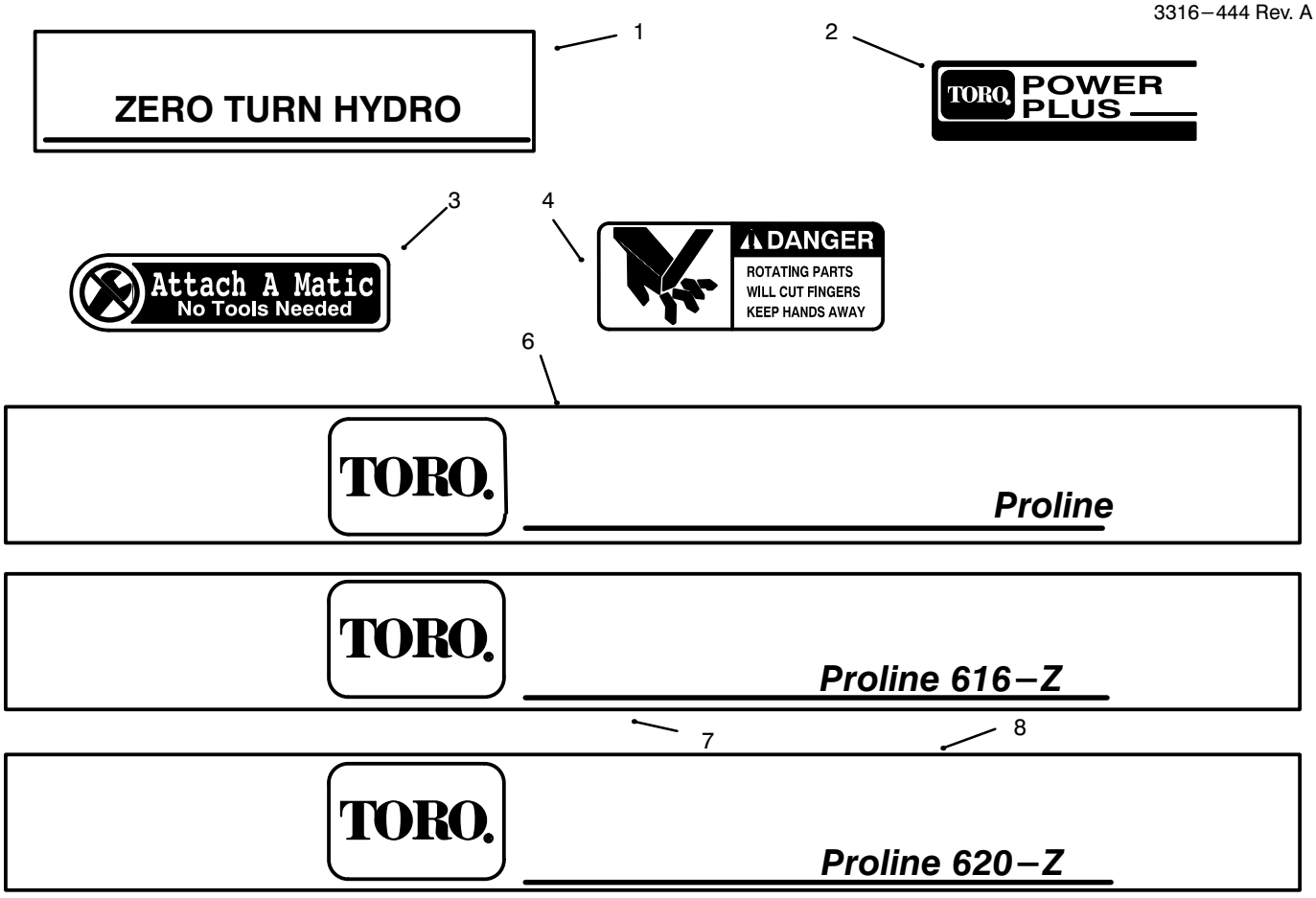
*Not Illustrated




# DECALS

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 2 | 92−2504 | Decal − Danger | 1 |
| 3 | 92−2500 | Decal − Danger | 1 |
| 4 | 112845 | Decal − PTO Clutch | 1 |
| 5 | 78−2850 | Decal − Control | 1 |
| 6 | 118530 | Nameplate − Toro | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 7 | 92−4951 | Decal −Steering Speed Control L.H. | 1 |
| 8 | 92−4952 | Decal −Steering Speed Control R.H. | 1 |



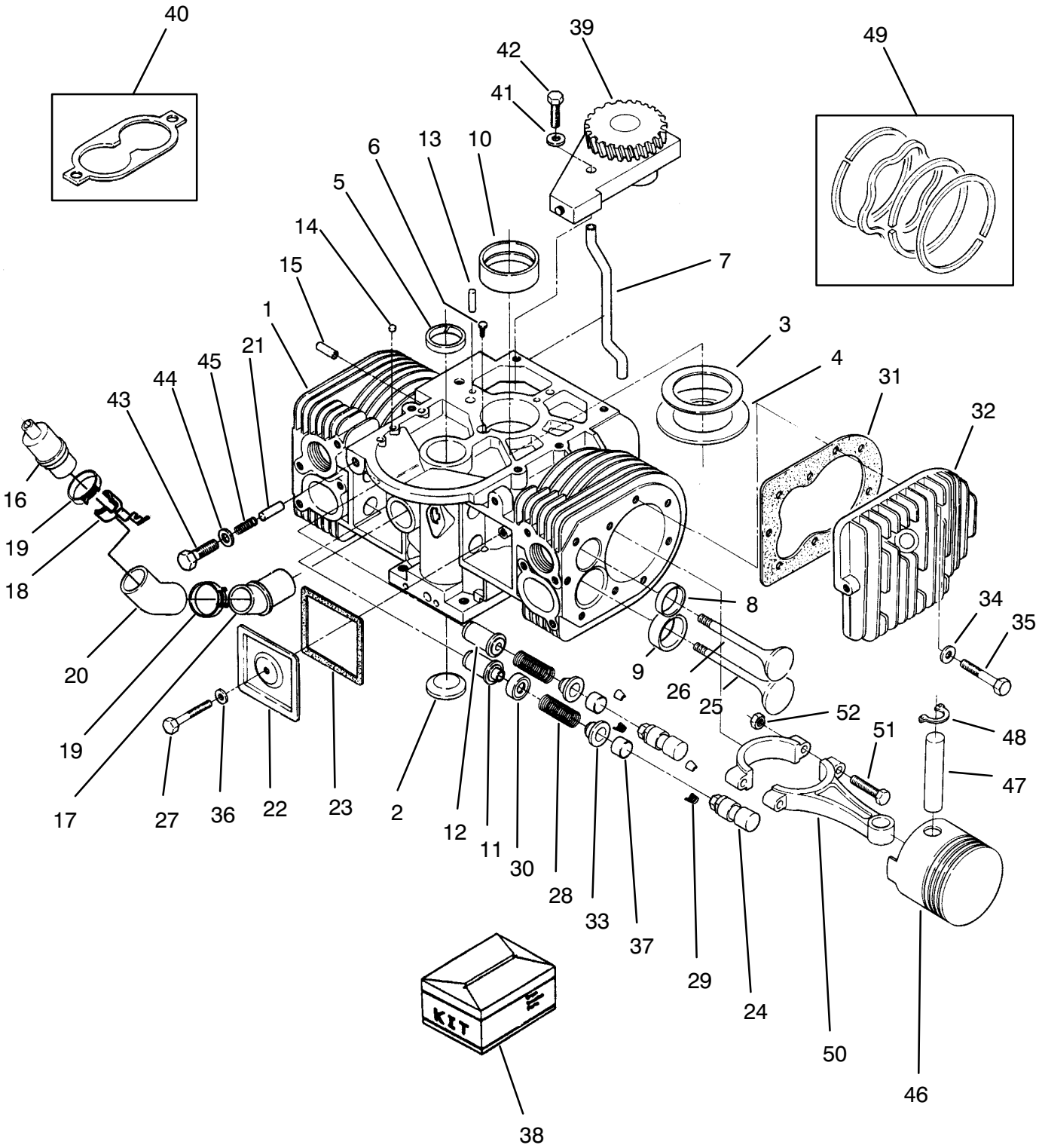

# DECALS (Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 92−1784 | Decal − Zero Turn | 1 |
| 2 | 119050 | Decal − Power Plus 616−Z | 1 |
| * | 78−7400 | Decal − Power Plus 620−Z | 1 |
| 3 | 92−8747 | Decal − Attach−A−Matic | 2 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 4 | 88−2790 | Decal − Danger | 1 |
| 6 | 92−2510 | Decal − Rear | 1 |
| 7 | 92−2507 | Decal − Toro 616−Z | 1 |
| 8 | 92−2508 | Decal − Toro 620−Z | 1 |

*Not Illustrated

# ENGINE CYLINDER BLOCK ASSEMBLY



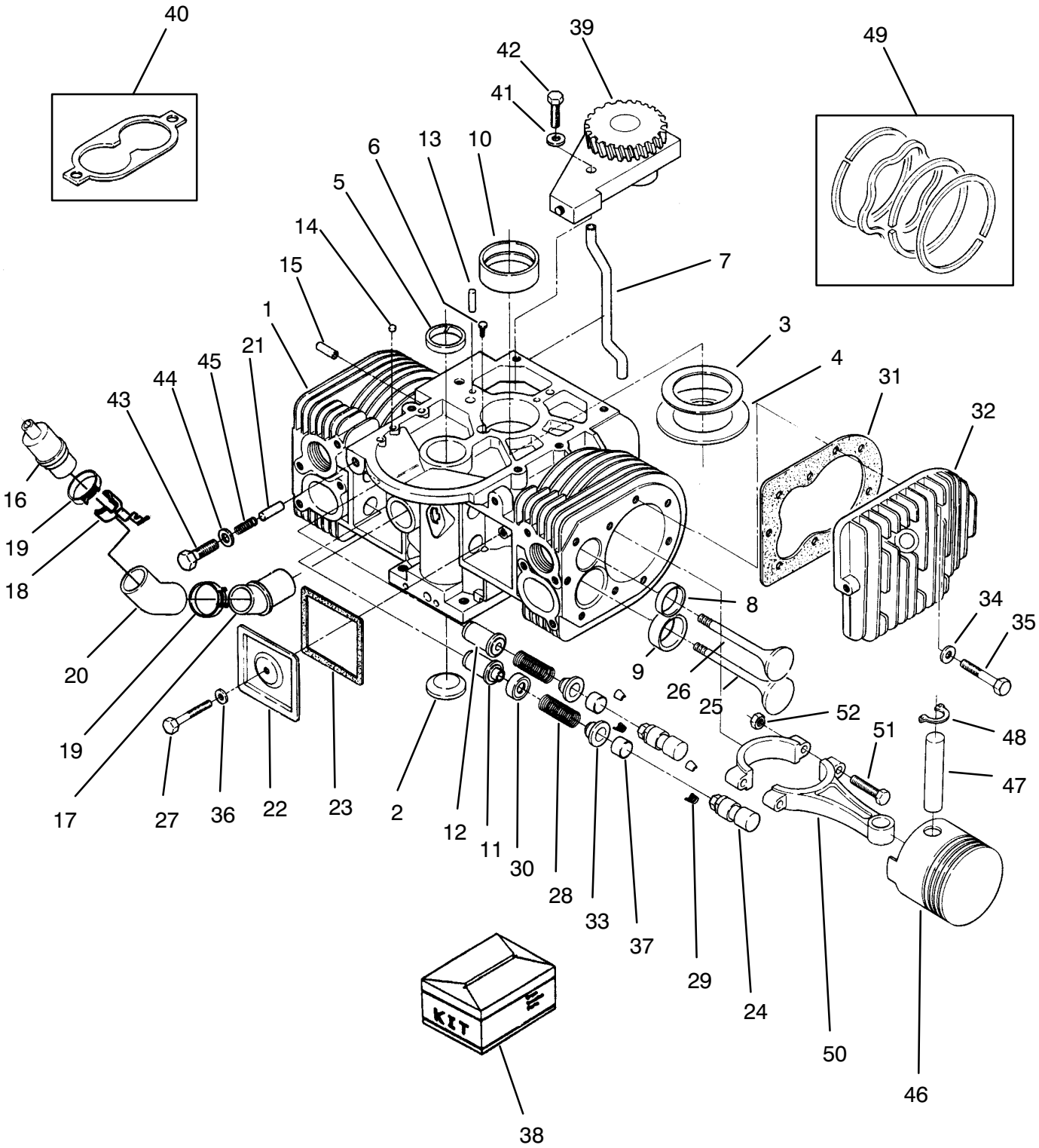

C−1230

# ENGINE CYLINDER BLOCK ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | NN10766 | Block − Short 16HP | 1 |
| | 92−0951 | Block − Short 20HP | 1 |
| 2 | NN10536 | Plug | 1 |
| 3 | 51−8170 | Shim 0.005” | AR |
| 4 | 57−8160 | Washer | 2 |
| 5 | 57−8000 | Bearing − Camshaft | 2 |
| 6 | NN10334 | Pin − Stop | 2 |
| 7 | 59−0290 | Tube − Oil | 1 |
| 8 | NN10054 | Insert − Exhaust Seat, Std | 2 |
| * | NN10055 | Insert − Exhaust Seat .002” Oversize | 2 |
| * | NN10056 | Insert − Exhaust Seat .005” Oversize | 2 |
| * | NN10057 | Insert − Exhaust Seat .010” Oversize | 2 |
| * | NN10058 | Insert − Exhaust Seat .025” Oversize | 2 |
| 9 | 79−6230 | Insert − Intake Seat, Std | 2 |
| * | 79−6240 | Insert − Intake Seat .002” Oversize | 2 |
| * | 79−6250 | Insert − Intake Seat .005” Oversize | 2 |
| * | 79−6260 | Insert − Intake Seat .010” Oversize | 2 |
| * | 79−6270 | Insert − Intake Seat .025” Oversize | 2 |
| 10 | 57−8032 | Bearing − Up Crankshaft Std | 1 |
| * | NN1004 | Bearing − Up Crankshaft .002” Under | 1 |
| * | 57−8030 | Bearing − Up Crankshaft .010” Under | 1 |
| * | 57−9800 | Bearing − Up Crankshaft .020” Under | 1 |
| * | NN10007 | Bearing − Up Crankshaft .030” Under | 1 |
| 11 | NN10478 | Guide − Intake Valve | 2 |
| 12 | NN10479 | Guide − Exhaust Valve | 2 |
| 13 | NN10336 | Pin | 2 |
| 14 | 59−0760 | Plug | 1 |
| 15 | 59−0360 | Tube − Vacuum | 1 |
| 16 | NN10489 | Tube − Breather | 1 |
| 17 | NN10494 | Adapter − Breather | 1 |
| 18 | NN10495 | Bracket | 1 |
| 19 | NN10525 | Clamp − Hose | 2 |
| 20 | NN10529 | Hose | 1 |
| 21 | NN10535 | Plug | 1 |
| 22 | NN10481 | Cover − Valve | 2 |
| 23 | 57−8260 | Gasket | 2 |
| 24 | 57−8450 | Tappet − Std | 4 |
| * | NN10130 | Tappet − .002” Oversize | 4 |
| * | NN10131 | Tappet − .005” Oversize | 4 |
| 25 | NN10075 | Valve − Intake | 2 |
| 26 | NN10076 | Valve − Exhaust | 2 |
| 27 | NN10370 | Bolt | 2 |
| 28 | NN10077 | Spring − Valve | 4 |
| 29 | NN10082 | Lock | 8 |
| 30 | NN10326 | Seal | 2 |
| 31 | 57−8330 | Gasket | 2 |
| 32 | NN10079 | Head − Left Cylinder | 1 |
| * | NN10080 | Head − Right Cylinder | 1 |
| 33 | NN10078 | Retainer − Spring | 4 |
| 34 | 57−9770 | Washer | 18 |
| 35 | NN10381 | Bolt | 18 |
| 36 | 57−9740 | Washer − Copper | 2 |
| 37 | NN10081 | Cap − Valve | 4 |
| 38 | 71−6290 | Kit − Engine Gasket | 1 |
| * | 57−9370 | Kit − Valve Grind Gasket | 1 |
| 39 | NN10560 | Pump − Oil | 1 |
| 40 | NN10561 | Kit − Oil Pump Gasket | 1 |
| 41 | NN10542 | Washer | 2 |
| 42 | NN10369 | Bolt | 2 |
| 43 | 59−0910 | Bolt | 1 |
| 44 | 57−9760 | Washer − Copper | 1 |
| 45 | 59−0280 | Spring | 1 |
| 46 | 92−0901 | Set − Piston Pin & Retaining Rings (STD) | 2 |
| * | 92−0902 | Set − Piston Pin & Retaining Rings .010” | 2 |
| * | 92−0903 | Set − Piston Pin & Retaining Rings .020” | 2 |
| * | 92−0904 | Set − Piston Pin & Retaining Rings .030” | 2 |
| 47 | NN10100 | Pin − Piston | 2 |
| 48 | 57−9720 | Ring − Retaining | 4 |

*Not Illustrated

# ENGINE CYLINDER BLOCK ASSEMBLY (Continued)



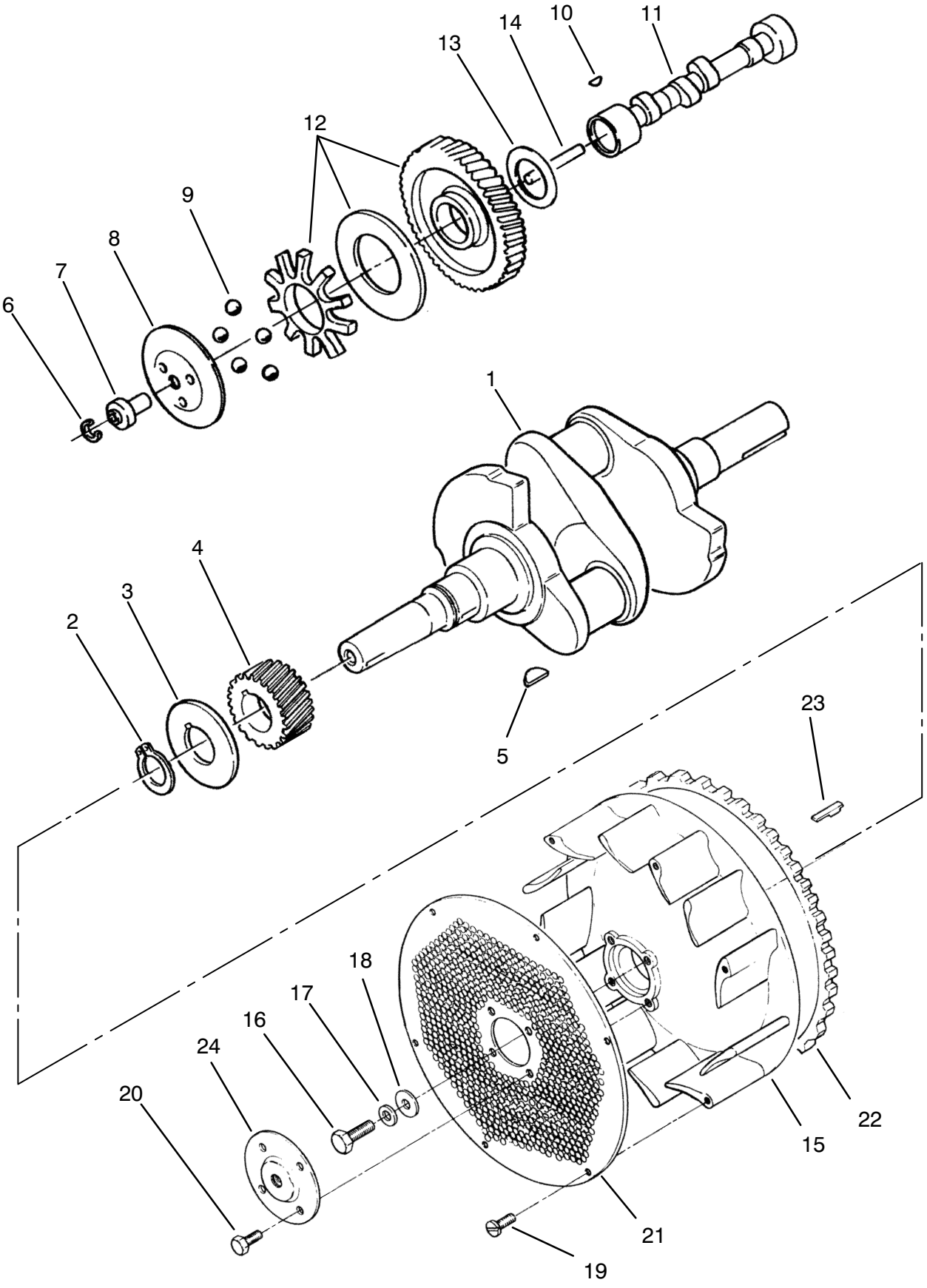

C−1230

# ENGINE CYLINDER BLOCK ASSEMBLY (Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 49 | 92−0905 | Set − Piston Ring, Std. | 2 |
| | 92−0906 | Set − Piston Ring .005" O.S. | 2 |
| | 92−0907 | Set − Piston Ring .010" O.S. | 2 |
| | 92−0908 | Set − Piston Ring .020" O.S. | 2 |
| | 92−0909 | Set − Piston Ring .030" O.S. | 2 |
| 50 | NN10125 | Nuts − Rod w/Bolts Std 616−Z | 2 |
| * | NN10126 | Rod − w/Bolts & Nuts .010" Undersize, 616−Z | 2 |
| * | NN10127 | Rod − w/Bolts & Nuts .020" Undersize, 616−Z | 2 |
| * | NN10128 | Rod − w/Bolts & Nuts .030" Undersize, 616−Z | 2 |
| * | 57−8420 | Rod − w/Bolts & Nuts Std 620−Z | 2 |
| * | 57−8430 | Rod − w/Bolts & Nuts .010" Undersize | 2 |
| * | 57−8440 | Rod − w/Bolts & Nuts .020" Undersize | 2 |
| * | NN10124 | Rod − w/Bolts & Nuts .030" Undersize | 2 |
| 51 | 57−8410 | Bolt − Rod | 4 |
| 52 | 57−9790 | Nut − Rod | 2 |

*Not Illustrated

# CRANKSHAFT, CAMSHAFT & FLYWHEEL ASSEMBLY



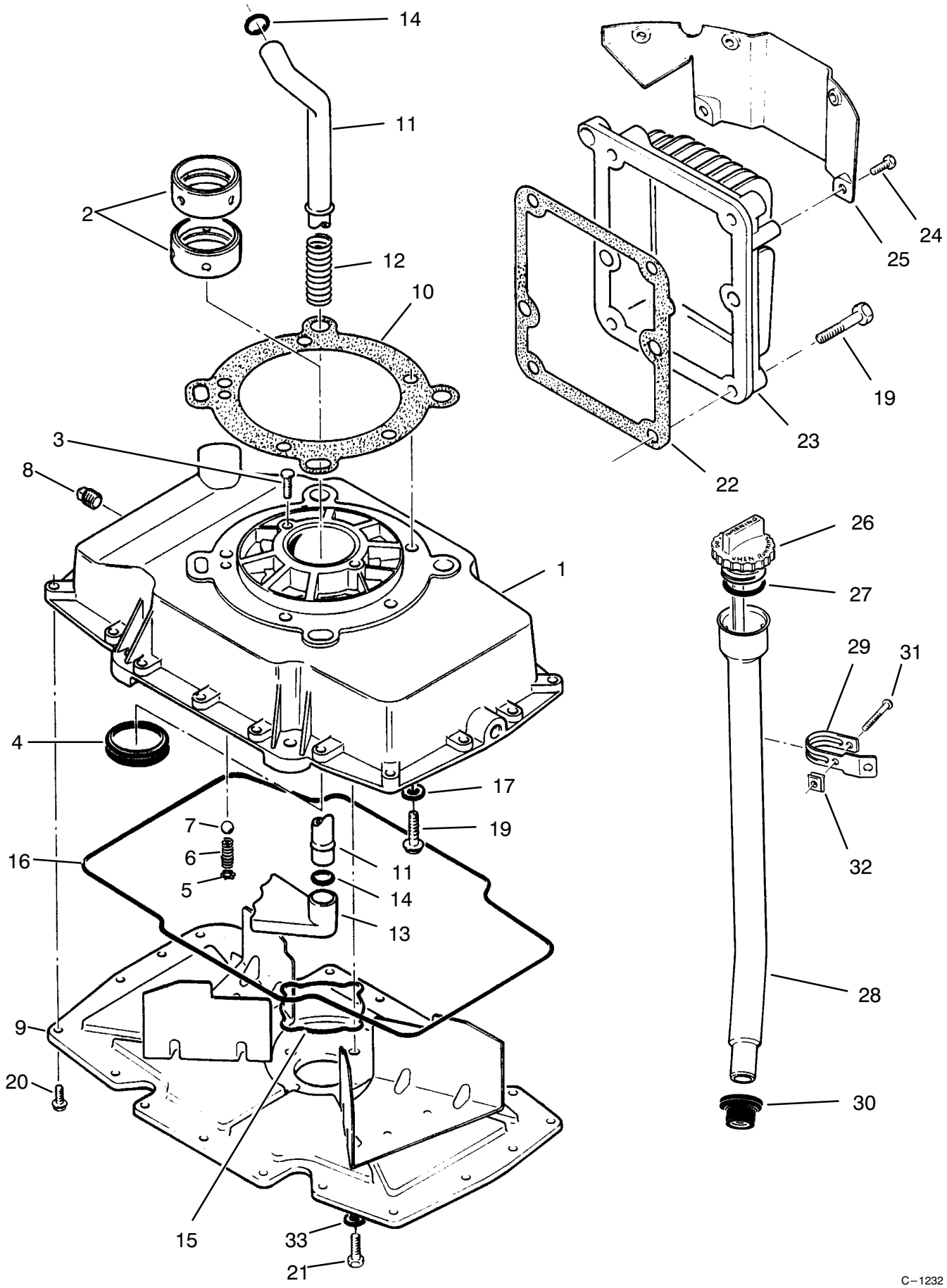

C−1231

# CRANKSHAFT, CAMSHAFT & FLYWHEEL ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | NN10477 | Crankshaft − 616−Z | 1 |
| * | NN10917 | Crankshaft − 620−Z | 1 |
| 2 | 57−9710 | Ring − Retaining | 1 |
| 3 | 57−8140 | Washer − Special | 1 |
| 4 | 57−8130 | Gear − Crankshaft | 1 |
| 5 | 57−9660 | Key − Gear | 1 |
| 6 | 57−9090 | Ring − Retaining | 1 |
| 7 | 57−9130 | Hub − Governor Cup | 1 |
| 8 | 59−0450 | Cup − Governor | 1 |
| 9 | 57−9640 | Ball − Governor | 5 |
| 10 | 57−9660 | Key − Woodruff | 1 |
| 11 | NN10032 | Camshaft − w/Center Pin 616−Z | 1 |
| * | NN10033 | Camshaft − w/Center Pin 620−Z | 1 |
| 12 | 57−8210 | Gear − Camshaft w/Spacer and Plate | 1 |
| 13 | 57−8230 | Washer − Special Thrust | 1 |
| 14 | 59−0400 | Pin − Center | 1 |
| 15 | NN10171 | Flywheel − w/Ring Gear | 1 |
| 16 | 57−8150 | Screw − Special Cap | 1 |
| 17 | NN10541 | Washer | 1 |
| 18 | 59−0810 | Washer | 1 |
| 19 | NN10409 | Bolt | 6 |
| 20 | 59−1120 | Bolt | 4 |
| 21 | 79−6440 | Screen − Air Inlet | 1 |
| 22 | 57−8180 | Gear − Ring | 1 |
| 23 | NN10332 | Key − Flywheel | 1 |
| 24 | NN10524 | Bracket | 1 |

*Not Illustrated

# OIL BASE & FILL TUBE ASSEMBLY

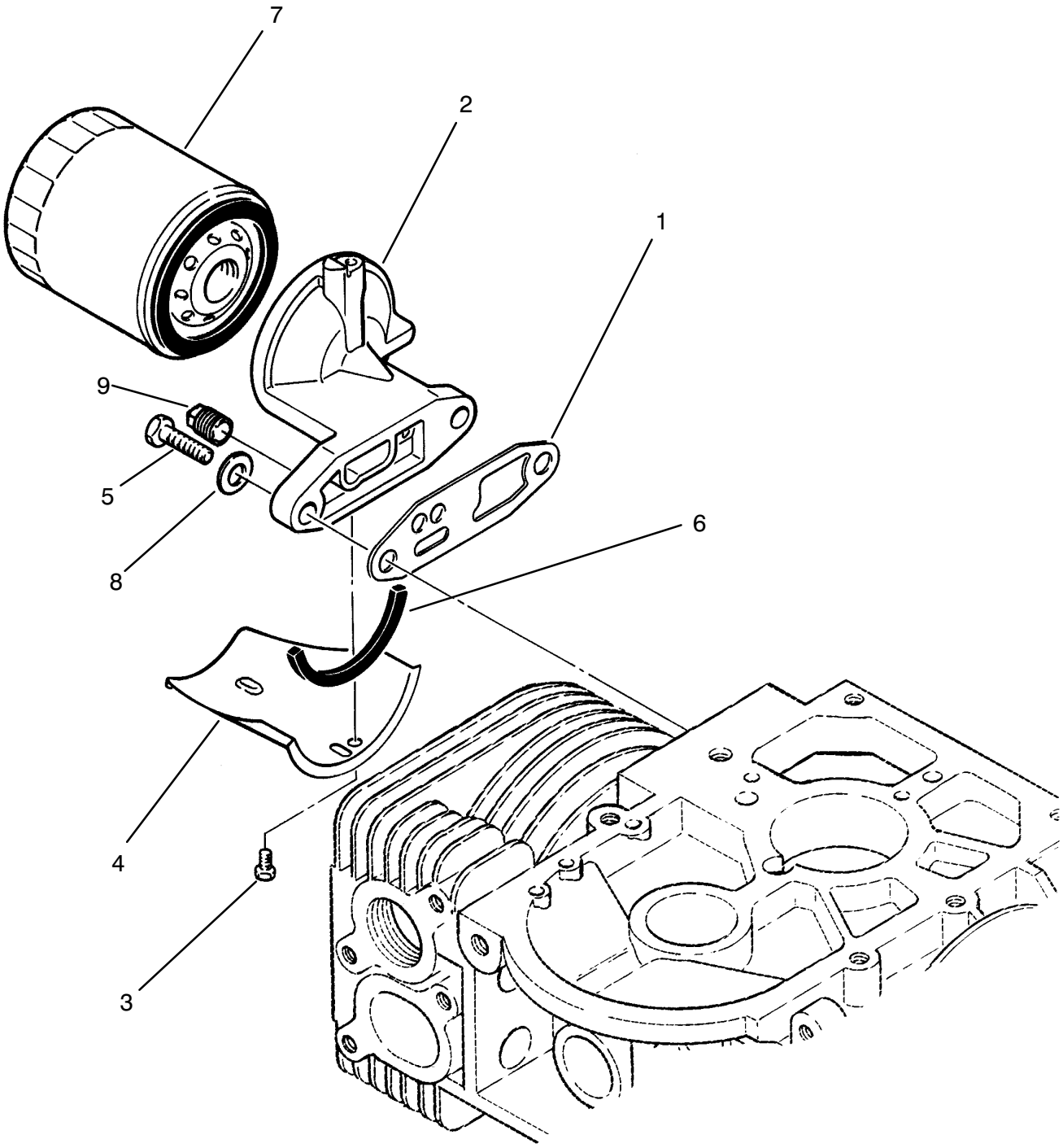


# OIL BASE & FILL TUBE ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | NN10867 | Base − Oil (Incl. Ref. #2−7) | 1 |
| 2 | 57−8050 | Bearing − Low Crankshaft, Std. | 2 |
| | NN10010 | Bearing − Low Crankshaft .002" Undersize | 2 |
| | 57−8060 | Bearing − Low Crankshaft .010" Undersize | 2 |
| * | NN10012 | Bearing − Low Crankshaft .020" Undersize | 2 |
| * | NN10013 | Bearing − Low Crankshaft .030" Undersize | 2 |
| 3 | NN10334 | Screw | 2 |
| 4 | NN10530 | Seal − Oil | 1 |
| 5 | NN10539 | Ring − Retaining | 1 |
| 6 | 59−0280 | Spring | 1 |
| 7 | NN10534 | Bearing − Ball | 1 |
| 8 | NN10682 | Plug | 3 |
| 9 | NN10475 | Cover | 1 |
| 10 | NN10474 | Gasket | 1 |
| 11 | NN10482 | Tube − Pickup | 1 |
| 12 | NN10483 | Spring − Pickup | 1 |
| 13 | NN10485 | Cup − Pickup | 1 |
| 14 | NN10531 | "O"Ring | 2 |
| 15 | NN10532 | Seal − Inner | 1 |
| 16 | NN10533 | Seal − Outer | 1 |
| 17 | NN10540 | Washer | 5 |
| 19 | NN10546 | Screw | 9 |
| 20 | 59−0980 | Screw | 19 |
| 21 | 32104−32 | Screw | 4 |
| 22 | NN10468 | Gasket | 1 |
| 23 | NN10480 | Cooler − Oil | 1 |
| 24 | 59−0970 | Screw | 2 |
| 25 | NN10498 | Baffle | 1 |
| 26 | NN10490 | Indicator − Oil Level (Incl. Ref. #27) | 1 |
| 27 | 57−9610 | "O"Ring | 1 |
| 28 | NN10491 | Tube | 1 |
| 29 | NN10492 | Bracket | 1 |
| 30 | NN10325 | Seal | 1 |
| 31 | NN10407 | Screw | 1 |
| 32 | NN10431 | Nut − Speed | 1 |
| 33 | 59−0860 | Washer | 4 |

*Not Illustrated

# OIL FILTER ASSEMBLY

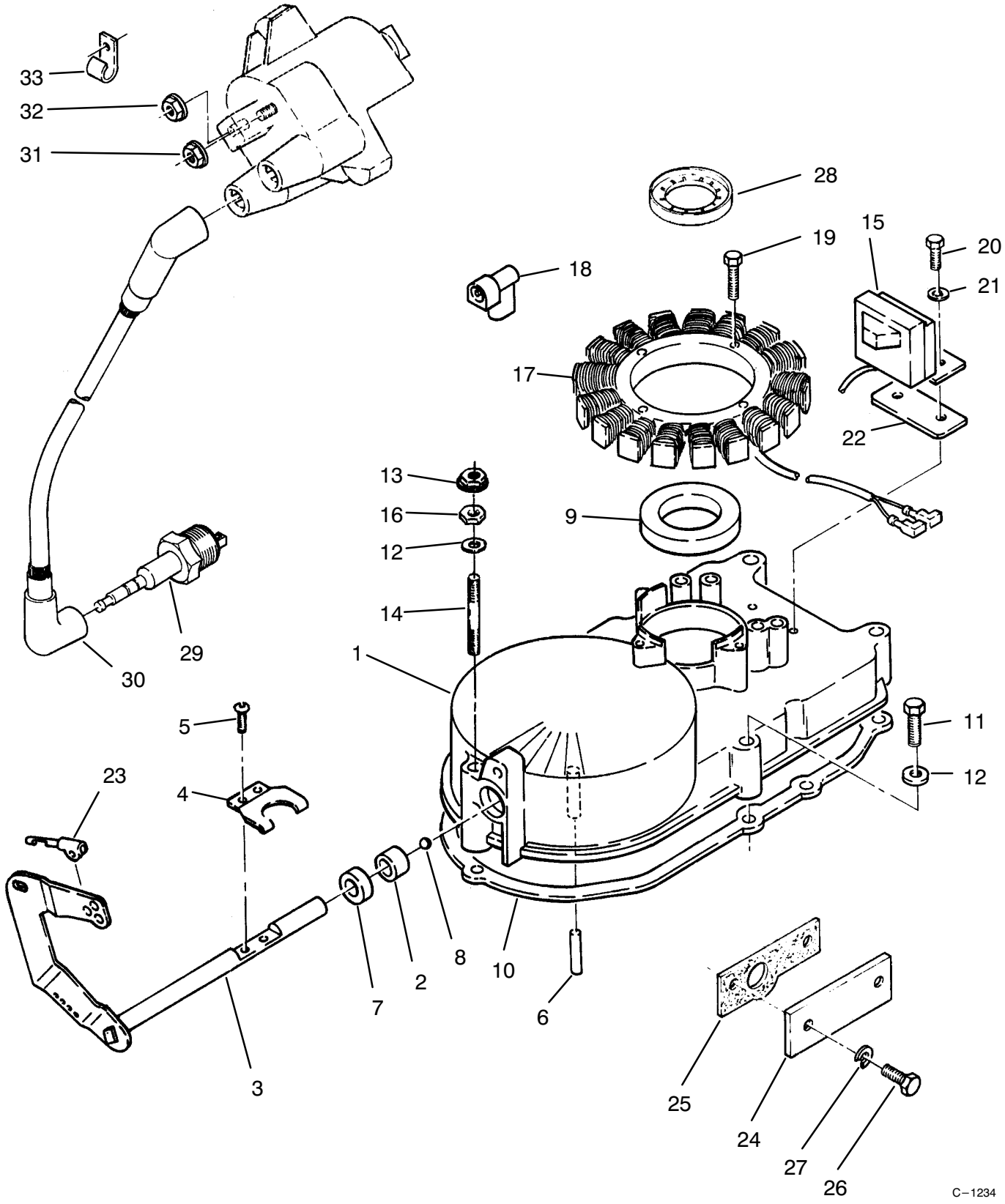



C−1233

# OIL FILTER ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | NN10563 | Gasket | 1 |
| 2 | NN10141 | Adapter | 1 |
| 3 | NN10391 | Bolt | 1 |
| 4 | NN10487 | Drain − Oil | 1 |
| 5 | NN10373 | Bolt | 2 |
| 6 | NN10488 | Seal | 1 |
| 7 | NN10143 | Filter − Oil | 2 |
| 8 | 57−9750 | Washer | 2 |
| 9 | NN10798 | Plug | 1 |

# GEARCASE & IGNITION ASSEMBLY

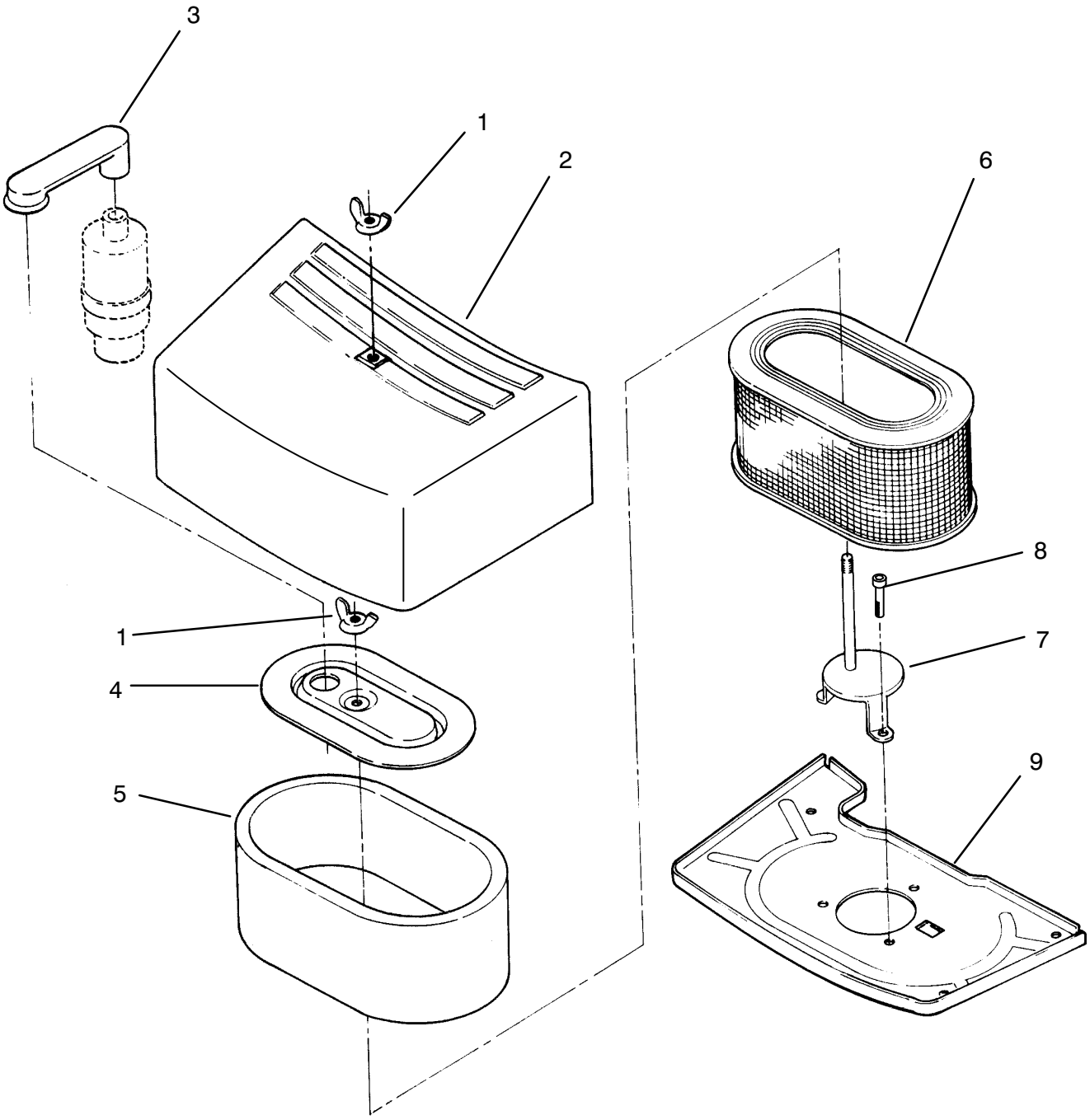


# GEARCASE & IGNITION ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | NN10559 | Kit − Gearcase (Incl. Ref. #2−9) | 1 |
| 2 | 57−9650 | Bearing | 1 |
| 3 | NN10510 | Shaft and Arm | 1 |
| 4 | 59−0420 | Yoke | 1 |
| 5 | 59−0950 | Screw | 2 |
| 6 | NN10335 | Pin − Dowel | 1 |
| 7 | 57−9570 | Seal − Oil | 1 |
| 8 | 57−9630 | Bearing | 1 |
| 9 | 57−9580 | Seal − Oil | 1 |
| 10 | NN10549 | Gasket | 1 |
| 11 | 82−1410 | Bolt | 4 |
| 12 | 57−9750 | Washer | 5 |
| 13 | NN10430 | Nut | 1 |
| 14 | NN10352 | Stud | 1 |
| 15 | NN10444 | Control − Ignition | 1 |
| 16 | 59−1130 | Nut | 1 |
| 17 | 57−9440 | Stator − with Terminals | 1 |
| 18 | NN10291 | Lead − Terminal | 2 |
| 19 | NN10389 | Bolt | 3 |
| 20 | NN10394 | Bolt | 2 |
| 21 | NN10424 | Washer − Lock | 2 |
| 22 | NN10516 | Insulator | 1 |
| 23 | 57−9700 | Clip − Retaining | 1 |
| 24 | NN10515 | Plate | 1 |
| 25 | 57−9260 | Gasket | 1 |
| 26 | NN10368 | Bolt | 2 |
| 27 | NN10542 | Washer | 2 |
| 28 | NN10247 | Rotor | 1 |
| 29 | 57−9340 | Plug − Spark | 2 |
| 30 | NN10253 | Wire − Plug | 1 |
| * | NN10254 | Wire − Plug | 1 |
| 31 | NN10249 | Nut − Negative Terminal M5 | 1 |
| 32 | NN10248 | Nut − Positive Terminal M4 | 1 |
| 33 | NN10348 | Clip | 1 |

*Not Illustrated

# AIR CLEANER ASSEMBLY

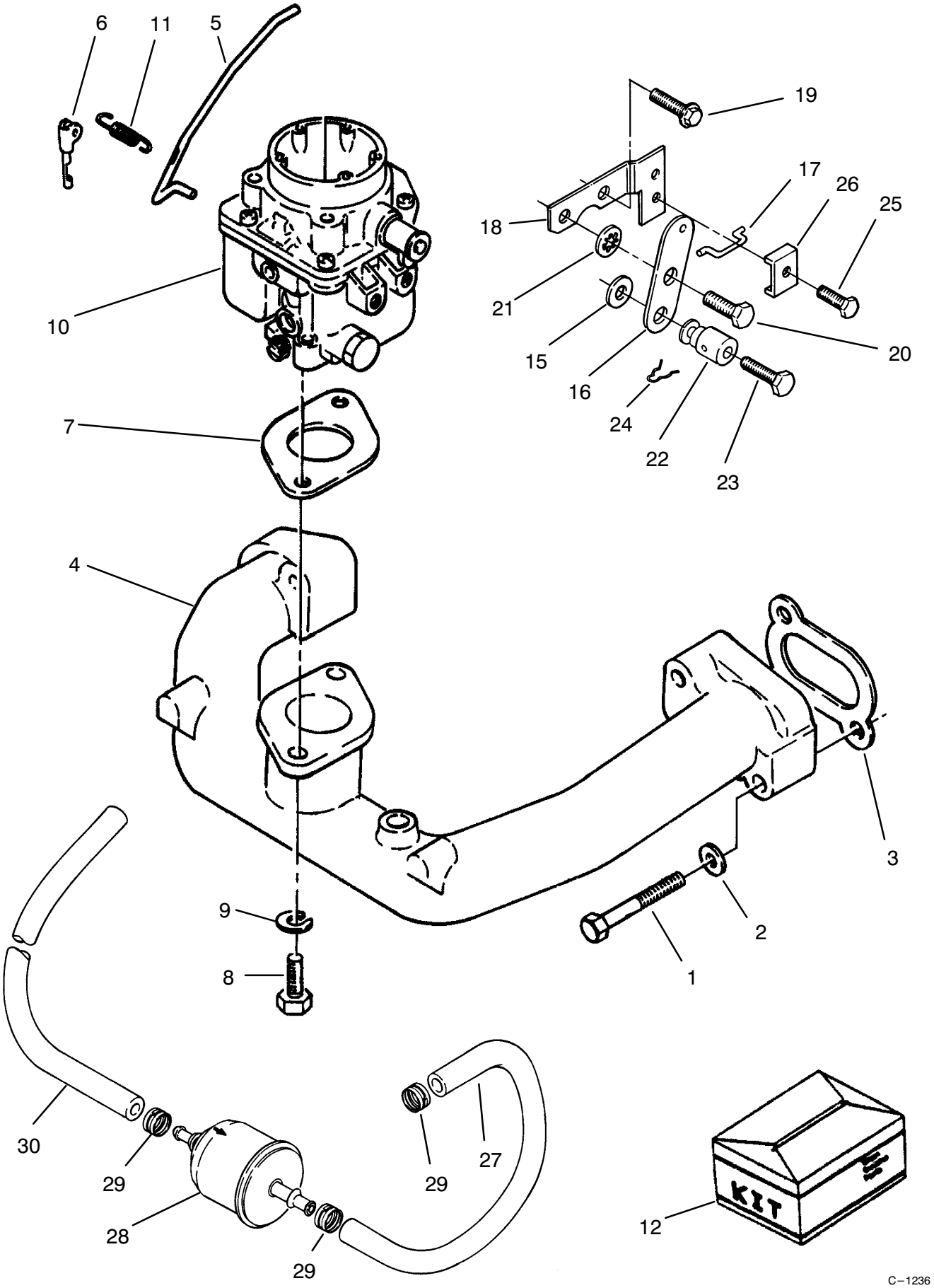



C−1225

# AIR CLEANER ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | NN10427 | Nut − Wing | 2 |
| 2 | 92−0955 | Hood | 1 |
| 3 | NN10493 | Tube | 1 |
| 4 | NN10500 | Cover | 1 |
| 5 | NN10503 | Element − Foam | 1 |
| 6 | 92−0956 | Element − Paper | 1 |
| 7 | NN10555 | Support | 1 |
| 8 | NN10547 | Screw | 1 |
| 9 | NN10499 | Pan | 1 |

# CARBURETOR & INTAKE MANIFOLD ASSEMBLY

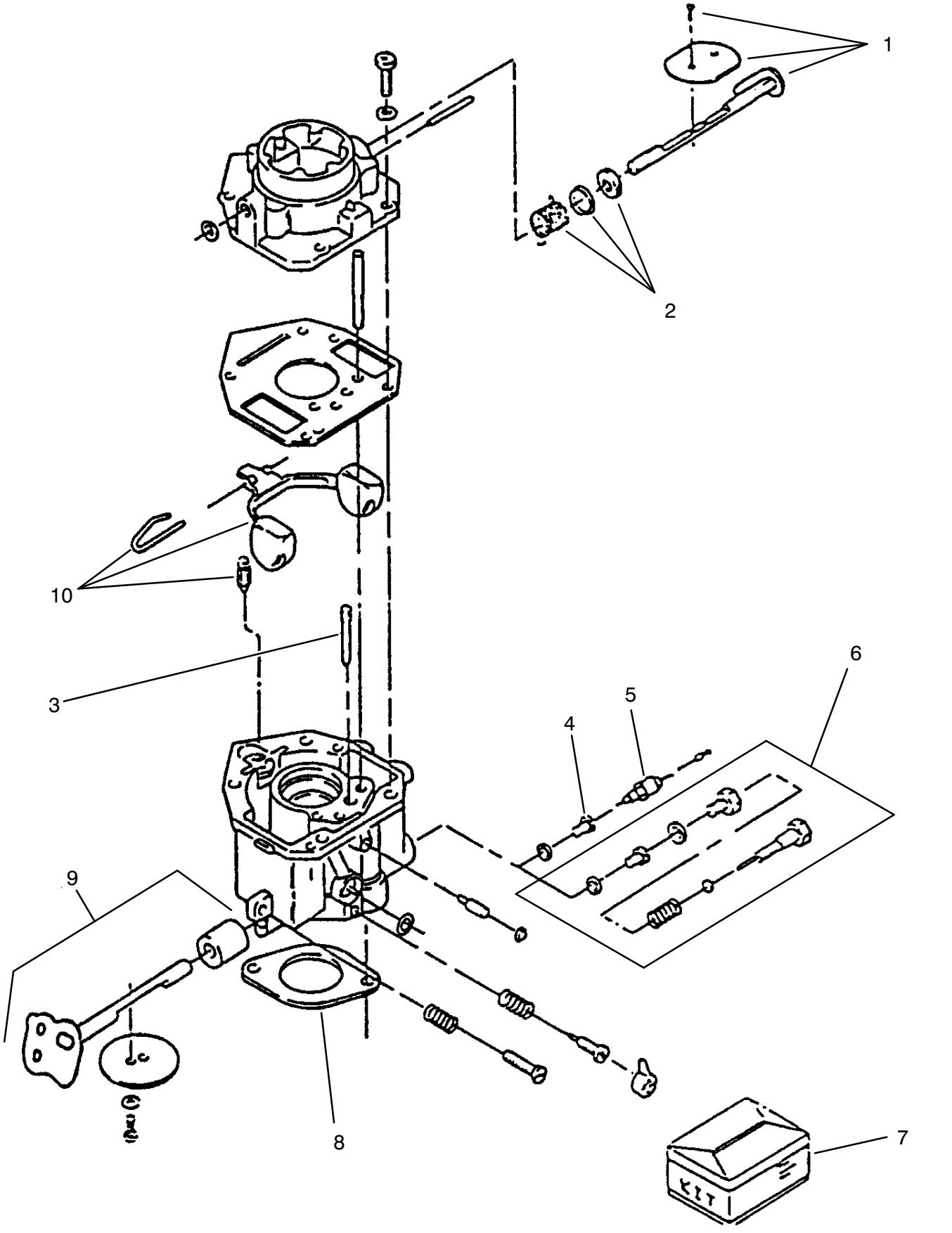


# CARBURETOR & INTAKE MANIFOLD ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | NN10375 | Bolt | 4 |
| 2 | NN10543 | Washer | 4 |
| 3 | NN10550 | Gasket | 2 |
| 4 | NN10514 | Manifold | 1 |
| 5 | NN10509 | Rod | 1 |
| 6 | NN10538 | Clip | 1 |
| 7 | 57−9200 | Gasket | 1 |
| 8 | NN10544 | Bolt | 2 |
| 9 | NN10420 | Washer | 2 |
| 10 | NN10504 | Carburetor − 616−Z | 1 |
| * | NN10855 | Carburetor − 620−Z | 1 |
| 11 | NN10865 | Spring − Governor Rod | 1 |
| 12 | NN10206 | Kit − Repair | 1 |
| 15 | 59−0850 | Washer | 1 |
| 16 | 59−0460 | Lever | 1 |
| 17 | 57−9180 | Link | 1 |
| 18 | 59−0470 | Bracket | 1 |
| 19 | NN10412 | Bolt | 1 |
| 20 | 59−1020 | Bolt | 1 |
| 21 | NN10424 | Washer − Lock | 1 |
| 22 | 57−9170 | Swivel | 1 |
| 23 | NN10410 | Bolt | 1 |
| 24 | 59−0720 | Pin − Cotter | 1 |
| 25 | NN10784 | Bolt | 1 |
| 26 | 57−9190 | Clamp | 1 |
| 27 | NN10302 | Hose | 1 |
| 28 | NN10466 | Filter − Fuel | 1 |
| 29 | NN10789 | Clamp | 3 |
| 30 | NN10527 | Hose | 1 |

*Not Illustrated

# CARBURETOR COMPONENTS ASSEMBLY

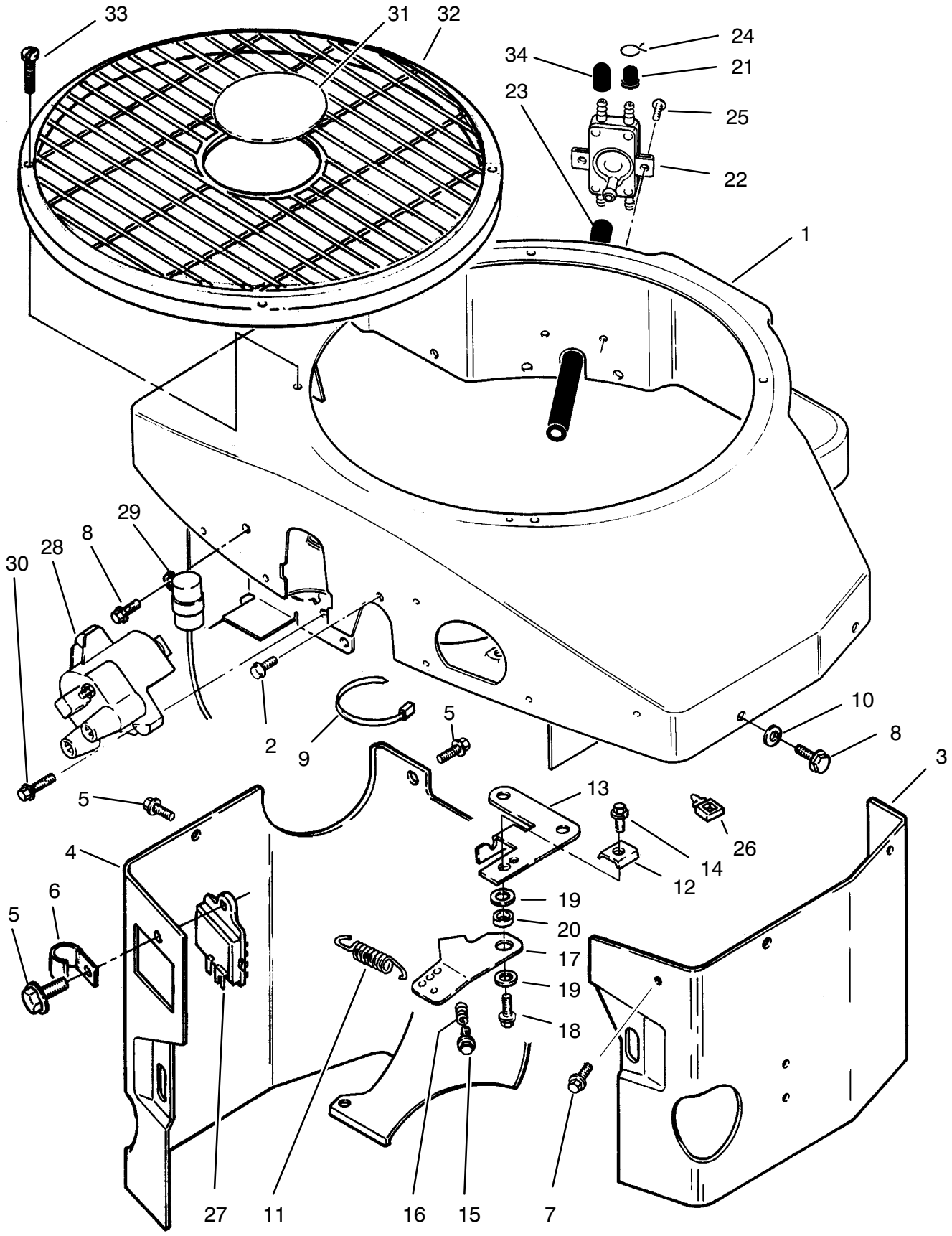


# CARBURETOR COMPONENTS ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | NN10207 | Kit − Choke Shaft | 1 |
| 2 | NN10809 | Kit − Choke Lever 616−Z | 1 |
| * | NN10208 | Kit − Choke Lever 620−Z | 1 |
| 3 | NN10201 | Jet − Idle 616−Z | 1 |
| * | NN10859 | Jet − Idle 620−Z | 1 |
| 4 | NN10199 | Jet − Power 616−Z | 1 |
| * | 57−9050 | Jet − Power 620−Z | 1 |
| * | NN10858 | Jet − Fixed 620−Z | 1 |
| * | NN10810 | Jet − Fixed 616−Z | 1 |
| 5 | NN10808 | Solenoid | 1 |
| 6 | NN10810 | Jet − Power, High Alt. Appl. 616−Z | 1 |
| * | NN10858 | Jet − Power, High Alt. Appl. 620−Z | 1 |
| 7 | NN10807 | Kit − Carburetor Repair | 1 |
| 8 | 57−9200 | Gasket | 2 |
| 9 | NN10811 | Kit − Throttle Shaft | 1 |
| 10 | NN10209 | Kit − Float (Includes Float Pin) | 1 |

*Not Illustrated

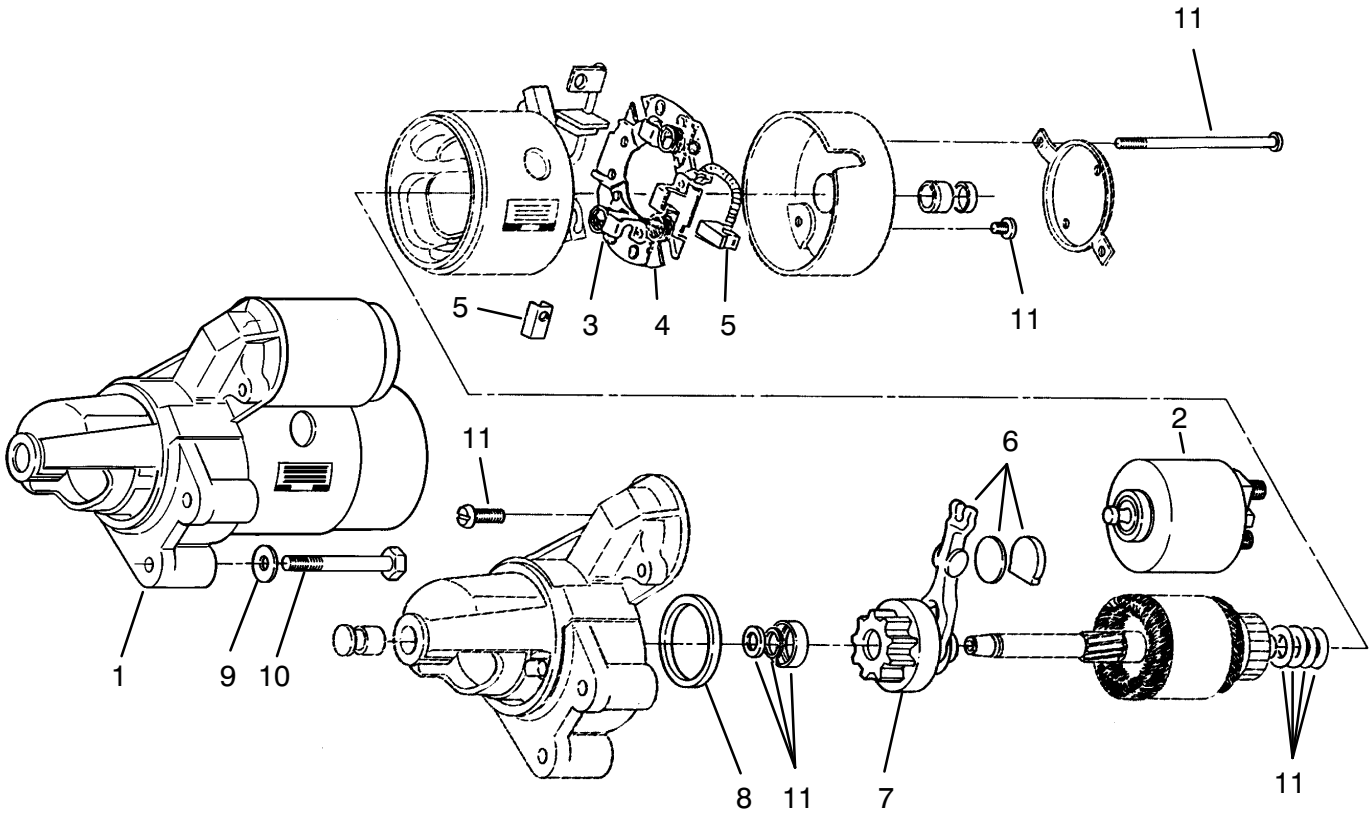
# COVERS, FUEL PUMP, COIL, REGULATOR & GOVERNOR LINKAGE ASSEMBLY




C−1238

# COVERS, FUEL PUMP, COIL, REGULATOR & GOVERNOR LINKAGE ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | NN10862 | Housing − Blower | 1 |
| 2 | 59−0970 | Bolt | 2 |
| 3 | 92−0957 | Housing − Cylinder, LH | 1 |
| 4 | 92−0958 | Housing − Cylinder, RH | 1 |
| 5 | 59−1080 | Bolt | 5 |
| 6 | NN10348 | Clip | 1 |
| 7 | NN10417 | Bolt | 2 |
| 8 | 59−0980 | Bolt | 4 |
| 9 | NN10863 | Cable Tie | 2 |
| 10 | 59−0820 | Washer | 4 |
| 11 | 57−9100 | Spring | 1 |
| 12 | 57−9190 | Clamp | 1 |
| 13 | NN10898 | Bracket | 1 |
| 14 | NN10784 | Bolt | 1 |
| 15 | 59−1030 | Bolt | 1 |
| 16 | 59−0430 | Spring | 1 |
| 17 | 57−9140 | Arm | 1 |
| 18 | 59−1010 | Bolt | 2 |
| 19 | 59−0830 | Washer | 2 |
| 20 | 57−9120 | Bushing | 1 |
| 21 | 59−0370 | Cap | 1 |
| 22 | NN10505 | Pump − Fuel | 1 |
| 23 | NN10302 | Hose 11” | 1 |
| 24 | 57−9550 | Clamp | 4 |
| 25 | 59−1050 | Screw | 2 |
| 26 | NN10522 | Clip | 1 |
| 27 | NN10794 | Regulator − Voltage | 1 |
| 28 | NN10245 | Coil − Ignition | 1 |
| 29 | NN10276 | Condenser | 1 |
| 30 | NN10408 | Bolt | 2 |
| 31 | NN10340 | Plug | 1 |
| 32 | NN10551 | Guard | 1 |
| 33 | NN10864 | Screw | 4 |
| 34 | 112841 | Cap | 1 |

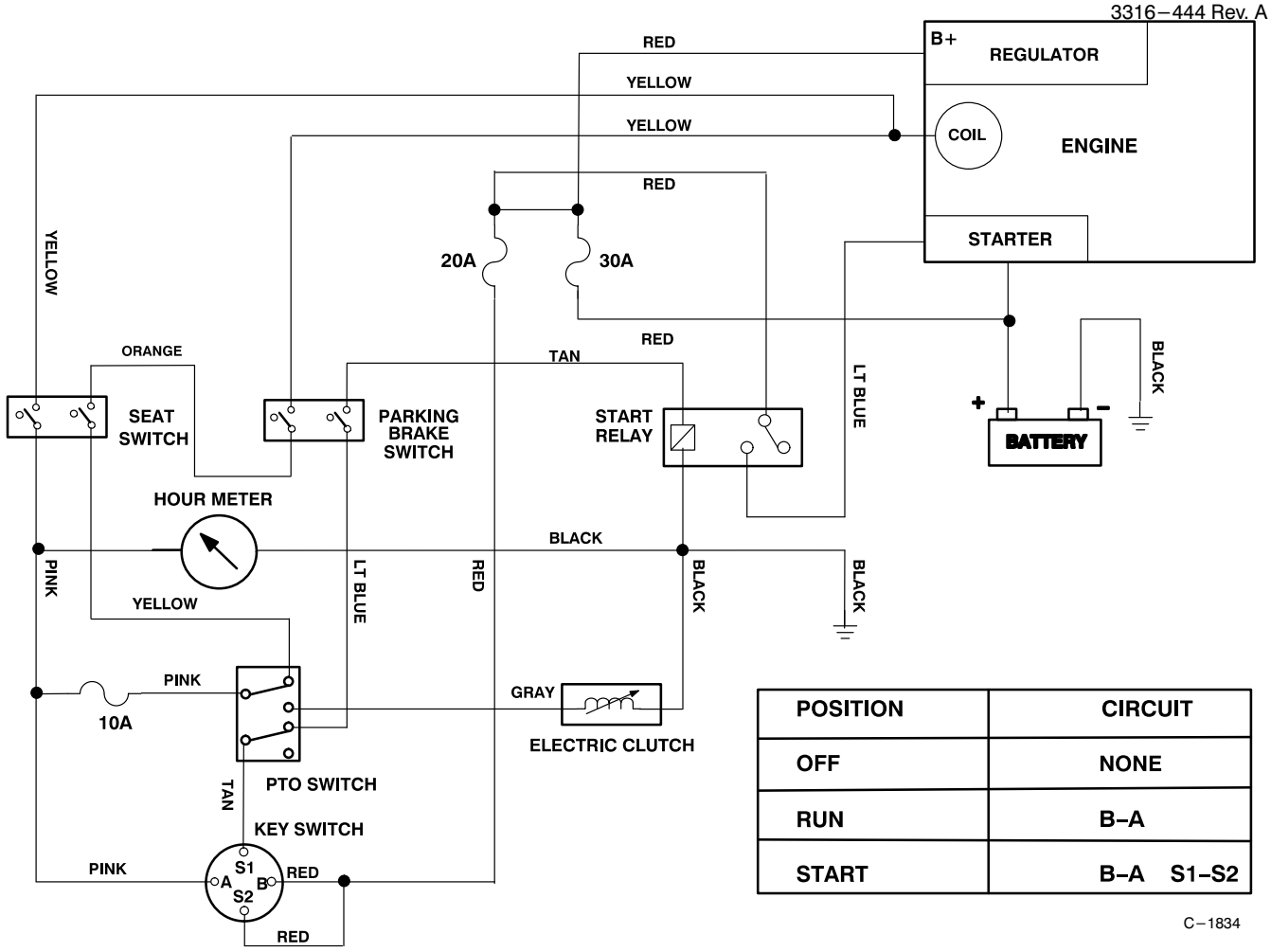



C−1239

# STARTER ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | NN10519 | Starter Assy | 1 |
| 2 | 62−2720 | Kit − Starter Solenoid (Incl. Spring Plunger) | 1 |
| 3 | 79−6300 | Spring − Brush | 3 |
| 4 | 62−2750 | Holder − Brush (Incl. Negative Brush) | 1 |
| 5 | 62−2740 | Kit − Brush (Incl. Positive Brush (2) & Negative Brush w/Pigtail) | 1 |
| 6 | 62−2770 | Kit − Starter Shift Lever (Incl. Wear Plate & Plug) | 1 |
| 7 | 72−3940 | Clutch − Starter (Incl. Pinion Gear w/Clutch) | 1 |
| 8 | 72−3950 | Seal − Dust | 1 |
| 9 | 57−9770 | Washer | 2 |
| 10 | NN10376 | Bolt | 2 |
| 11 | NN10265 | Kit − Hardware (Incl. Solenoid Screws (2) Brush Holder Screws (2) Thru Bolts (2) Armature Shims (2) Pinion Stop Collar & Pinion Retaining Ring) | 1 |

*Not Illustrated




| POSITION | CIRCUIT |
|---|---|
| OFF | NONE |
| RUN | B–A |
| START | B–A S1–S2 |

C−1834

# ELECTRIC SCHEMATIC

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 78−5840 | Wire Harness (Ref.) | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| | | | |

# TORO PART NUMBER INDEX

| Part No. | Description | Pg. No. | Ref. No. | Qty. |
|---|---|---|---|---|
| 2534 | Clip − Spring | 3 | 11 | 1 |
| 2844 | Washer | 2 | 9 | 1 |
| 5108 | Stem − Valve | 15 | * | 2 |
| 5210 | Washer | 15 | 17 | 4 |
| 5977 | Bushing − Nylon | 4 | 10 | 2 |
| 6229 | Bearing | 2 | 6 | 2 |
| 7896 | Washer − Bowed | 3 | 3 | 2 |
| 8616 | Spring − Compression | 1 | 32 | 2 |
| 8830 | Clip | 11 | 23 | 2 |
| 9038 | Grip | 1 | 21 | 2 |
| 100304 | Spacer | 10 | 26 | 1 |
| 101017 | Lock | 1 | 34 | 2 |
| 102025 | Spacer | 3 | 16 | 1 |
| 102950 | Washer − Tab | 14 | 29 | 1 |
| 103409 | Spacer | 4 | 24 | 4 |
| 103509 | Yoke | 4 | 29 | 2 |
| 103995 | Washer | 2 | 35 | 2 |
| 104047 | Bushing | 11 | 8 | 1 |
| 104048 | Valve Assy − Fuel | 11 | 9 | 1 |
| 104525 | Spacer | 12 | 19 | 2 |
| 104657 | Plate | 1 | 23 | 2 |
| 104869 | Washer − Flat | 14 | 4 | 2 |
| 105316 | Cap − Plunger | 1 | 22 | 2 |
| 105453 | Key | 2 | 21 | 1 |
| 105453 | Key | 10 | 40 | 1 |
| 105474 | Spacer | 4 | 16 | 2 |
| 105503 | Bushing | 10 | 4 | 2 |
| 105797 | Ring − Retaining | 1 | 33 | 4 |
| 105805 | Nut − Special | 14 | 27 | 1 |
| 106396 | Tube − Rear Tire | 15 | 13 | 2 |
| 106449 | Pin | 12 | 10 | 1 |
| 106661 | Cam | 4 | 14 | 2 |
| 106948 | Tray − Battery | 14 | 37 | 1 |
| 106950 | Bushing | 3 | 19 | 2 |
| 107963 | Tube − Front Tire | 15 | 12 | 2 |
| 108177 | Spring − Torsion | 10 | 14 | 1 |
| 108686 | Bolt | 12 | 16 | 2 |
| 108889 | Bumper | 13 | 8 | 4 |
| 108889 | Bumper | 2 | 12 | 1 |
| 109101 | Fuse 20 AMP | 14 | * | 1 |
| 109154 | Cap − Hub, Front | 15 | 8 | 2 |
| 109189 | Bearing − Flanged | 3 | 4 | 2 |
| 109500 | Fitting − Grease | 15 | 14 | 2 |
| 109530 | Nut − Pal | 11 | 22 | 1 |
| 109553 | Boot | 14 | 2 | 1 |
| 109859 | Bushing | 10 | 12 | 2 |
| 109950 | Spacer | 10 | 13 | 1 |
| 109966 | Bearing | 10 | 17 | 2 |
| 110459 | Connector | 10 | 39 | 1 |
| 110513 | Bearing − Front Wheel | 15 | 15 | 4 |
| 110769 | Spring − Extension | 3 | 10 | 1 |
| 111075 | Cable | 14 | 1 | 2 |
| 111392 | JClip | 11 | 13 | 3 |
| 111420 | Fitting − Grease | 10 | 11 | 1 |
| 111951 | Cap − Hub Rear | 15 | 20 | 2 |
| 112113 | Spring | 4 | 9 | 2 |
| 112595 | Button | 7 | 13 | 2 |
| 112600 | Ring − Retaining | 7 | 8 | 2 |
| 112604 | Seal − Input Shaft | 7 | 6 | 2 |
| 112605 | Seal − Control Shaft | 7 | 5 | 2 |
| 112825 | Cap − Dust | 1 | 12 | 2 |
| 112841 | Cap | 37 | 34 | 1 |
| 112843 | Washer | 10 | 9 | 1 |
| 112845 | Decal − PTO Clutch | 16 | 4 | 1 |
| 113010 | Down − Hold | 14 | 9 | 1 |
| 113050 | Cover − PTO Switch | 14 | 30 | 1 |
| 113165 | Bolt − Shoulder | 2 | 8 | 1 |
| 113179 | Nut − Face | 14 | 31 | 1 |
| 113632 | Spring − Speed Lever | 4 | 41 | 2 |
| 113675 | Bushing − Pivot | 4 | 38 | 2 |
| 113689 | Washer − Spring | 4 | 33 | 6 |
| 113823 | Spring and Nuts | 10 | 37 | 1 |
| 113969 | Hook | 14 | 7 | 2 |
| 114064 | Bearing | 10 | 38 | 2 |
| 114268 | Spring − 620−Z | 13 | 9 | 2 |
| 114269 | Spring − 616−Z | 13 | * | 2 |
| 114496 | Spring − 620−Z (Nylon) | 13 | * | 2 |
| 114497 | Spring − 616−Z (Nylon) | 13 | * | 2 |
| 114563 | Gasket | 2 | 39 | 2 |
| 114594 | Fuse 10 AMP | 14 | 42 | 1 |
| 114764 | Elbow | 11 | 32 | 1 |
| 115123 | Washer | 1 | 25 | 2 |
| 115200 | Edge Trim | 13 | 24 | 1 |
| 115271 | Fan | 2 | 34 | 2 |
| 115272 | Lever − Tow Valve | 4 | 1 | 2 |
| 115273 | Plate − Tow Valve | 4 | 45 | 2 |
| 115274 | Bracket − Hydro Side | 2 | 27 | 2 |
| 115291 | Pivot − Lever, LH | 4 | * | 1 |
| 115292 | Pivot − Lever, RH | 4 | 35 | 1 |
| 115295 | Bushing | 5 | 49 | 2 |
| 115296 | Rod − Control | 4 | 27 | 2 |
| 115297 | Plate | 5 | 50 | 2 |
| 115298 | Link − RH | 4 | 21 | 1 |
| 115299 | Link − LH | 4 | * | 1 |
| 115300 | Clip − Clevis, RH | 5 | 48 | 1 |
| 115301 | Clip − Clevis | 4 | 22 | 2 |
| 115301 | Clip − Clevis, LH | 5 | * | 3 |
| 115335 | Spacer | 10 | 6 | 1 |
| 115437 | Arm − Idler | 10 | 10 | 1 |
| 115440 | Bracket − Idler | 10 | 25 | 1 |
| 115682 | Spacer − Idler | 10 | 18 | 1 |
| 115701 | Pivot | 3 | 12 | 1 |
| 115725 | Lever − Brake | 3 | 2 | 1 |
| 115741 | Funnel − Tank | 11 | 3 | 1 |
| 115780 | Tube − Fuel | 11 | 12 | 1 |
| 115850 | Cable | 13 | 5 | 1 |
| 115850 | Cable | 12 | 20 | 1 |
| 115858 | Clip − Snap Int. | 14 | * | X |
| 115860 | Clip − Snap Int. | 14 | 39 | 1 |
| 115860 | Clip − Snap Int. | 14 | 38 | X |
| 115877 | Battery − 280 CCA | 14 | 10 | 1 |
| 115882 | Ring − Klip | 15 | 19 | 2 |
| 116029 | Bracket − Muffler | 11 | 41 | 1 |
| 116030 | Muffler | 11 | 40 | 1 |
| 116064 | Fender − RH | 13 | 21 | 1 |
| 116065 | Fender − LH | 13 | * | 1 |

*Not Illustrated

# TORO PART NUMBER INDEX (Cont.)

| Part No. | Description | Pg. No. | Ref. No. | Qty. |
|---|---|---|---|---|
| 116112 | Arm | 4 | 5 | 2 |
| 116113 | Bracket − LH | 4 | * | 1 |
| 116114 | Bracket − RH | 4 | 3 | 1 |
| 116154 | Nut | 14 | 33 | 2 |
| 116159 | Nipple | 11 | 31 | 1 |
| 116183 | VBelt | 10 | 42 | 1 |
| 116184 | Pulley | 10 | 19 | 1 |
| 116194 | Switch − Seat | 14 | 18 | 1 |
| 116195 | Spring | 12 | 9 | 1 |
| 116196 | Bracket | 4 | 11 | 1 |
| 116237 | Switch − Neutral | 14 | 12 | 1 |
| 116238 | Nut | 14 | 19 | 1 |
| 116239 | Bracket − Retainer | 4 | 39 | 2 |
| 116244 | Rod − Lock | 1 | 35 | 2 |
| 116245 | Latch − LH | 1 | 20 | 1 |
| 116246 | Latch − RH | 1 | * | 1 |
| 116253 | Plate | 10 | 30 | 1 |
| 116258 | Bracket − Support | 3 | 39 | 1 |
| 116259 | Shaft − Pivot | 4 | 36 | 2 |
| 116263 | Bracket − Side | 5 | 51 | 2 |
| 116264 | Spacer | 3 | 38 | 1 |
| 116267 | Lock − Neutral | 3 | 37 | 1 |
| 116277 | Electric Clutch Assembly | 10 | 7 | 1 |
| 116289 | Control − Choke | 11 | 20 | 1 |
| 116330 | Bracket − RH | 1 | * | 1 |
| 116331 | Bracket − LH | 1 | 18 | 1 |
| 116363 | Valve Assy − Fuel Tank | 11 | 4 | 1 |
| 116393 | Grip | 3 | 1 | 1 |
| 116397 | Relay | 14 | 22 | 1 |
| 116422 | Bracket | 10 | 1 | 1 |
| 116439 | Pulley − Idler | 2 | 17 | 3 |
| 116454 | Knob | 11 | 29 | 1 |
| 116455 | Mat − Black | 13 | 13 | 1 |
| 116456 | Rivet − Carpet Plastic | 13 | 12 | 28 |
| 116476 | Rod − Neutral Lock | 3 | 32 | 1 |
| 116504 | Plate − Pivot | 12 | 14 | 1 |
| 116505 | Bracket | 2 | 1 | 1 |
| 116506 | Spring | 2 | 4 | 1 |
| 116527 | Belt − PTO | 2 | 22 | 1 |
| 116531 | Washer | 2 | 15 | 1 |
| 116531 | Washer | 11 | 50 | 2 |
| 116572 | Bracket − Seat Pivot, R.H. | 12 | 21 | 1 |
| 116573 | Bracket − Seat Pivot, L.H. | 12 | * | 1 |
| 116687 | Arm | 3 | 6 | 1 |
| 116708 | Guard − Air Cleaner | 11 | 34 | 1 |
| 116716 | Switch − PTO | 14 | 26 | 1 |
| 116718 | Stiffener | 2 | 7 | 1 |
| 116721 | Arm − Idler | 2 | 5 | 1 |
| 116727 | Rod − Neutral Return | 4 | 6 | 2 |
| 116728 | Spacer | 2 | 13 | 1 |
| 116731 | Lever − Steering, LH | 4 | * | 1 |
| 116732 | Lever − Steering, RH | 4 | 32 | 1 |
| 116792 | Spring − Extension | 3 | 45 | 1 |
| 116819 | Knob | 12 | 26 | 2 |
| 116880 | Tire − Rear 18 x 9.50−8 | 15 | 2 | 2 |
| 117048 | Key − Ignition (Set of 2) | 14 | 36 | 1 |
| 117193 | Field Assembly | 10 | 35 | 1 |
| 117194 | Rotor | 10 | 34 | 1 |
| 117195 | Armature & Pulley Assembly | 10 | 36 | 1 |
| 117276 | Front Wheel Assembly | 15 | 9 | 2 |
| 117278 | Front Wheel Assembly | 15 | 10 | 2 |
| 117280 | Rear Wheel Assembly | 15 | 1 | 2 |
| 117281 | Wheel − Rear | 15 | 3 | 2 |
| 117292 | Switch − Ignition | 14 | 32 | 1 |
| 117391 | Tire − Front 11 x 4.00−5 | 15 | 11 | 2 |
| 117455 | Bumper − Front | 1 | 2 | 1 |
| 117670 | Support − Lever | 4 | 44 | 1 |
| 118530 | Nameplate − Toro | 16 | 6 | 1 |
| 118940 | Pan − Floor | 13 | 14 | 1 |
| 119050 | Decal − Power Plus 616−Z | 17 | 2 | 1 |
| 119270 | Pulley − Engine | 2 | 20 | 1 |
| 121290 | Shield | 1 | 15 | 1 |
| 908006 | Bolt | 4 | 18 | 2 |
| 908017 | Bolt | 11 | 14 | 3 |
| 908021 | Bolt | 11 | 37 | 4 |
| 910794 | Screw | 14 | 40 | 2 |
| 915183 | Nut − Square | 3 | 22 | 1 |
| 915640 | Nut | 1 | 11 | 2 |
| 920160 | Washer − Lock | 14 | 20 | 1 |
| 920163 | Washer − Lock ITLW | 14 | 34 | 1 |
| 920241 | Washer − Spacer | 10 | 16 | 2 |
| 920242 | Spacer | 14 | 28 | 1 |
| 920251 | Washer | 15 | 7 | 2 |
| 920251 | Washer | 1 | 10 | 2 |
| 920252 | Washer | 15 | 6 | 2 |
| 920273 | Washer − Special | 14 | 35 | 1 |
| 926698 | Bolt | 4 | 15 | 2 |
| 932120 | Pin − Clevis | 1 | 30 | 2 |
| 932120 | Pin − Clevis | 4 | 30 | 2 |
| 932121 | Pin − Clevis | 3 | 35 | 1 |
| 932948 | Pin − Clevis | 3 | 27 | 1 |
| 933503 | Pin − Cotter | 4 | 31 | 2 |
| 933504 | Pin − Cotter | 1 | 31 | 2 |
| 937082 | Key − Woodruff | 4 | 20 | 2 |
| 937086 | Key − Woodruff | 2 | 32 | 2 |
| 938031 | Bushing | 11 | 17 | 2 |
| 938037 | Bushing | 13 | 22 | 2 |
| 943420 | Plug − Pipe | 11 | 33 | 1 |
| 971015 | ”O”Ring | 10 | 41 | 1 |
| 9202674 | Washer − Special | 2 | 28 | 4 |
| 9267154 | Screw | 4 | 42 | 4 |
| NN1004 | Bearing − Up Crankshaft | 19 | * | 1 |
| NN10007 | Bearing − Up Crankshaft | 19 | * | 1 |
| NN10010 | Bearing − Low Crankshaft | 25 | | 2 |
| NN10012 | Bearing − Low Crankshaft | 25 | * | 2 |
| NN10013 | Bearing − Low Crankshaft | 25 | * | 2 |
| NN10032 | Camshaft − w/Center Pin | 23 | 11 | 1 |
| NN10033 | Camshaft − w/Center Pin | 23 | * | 1 |
| NN10054 | Insert − Exhaust Seat, Std | 19 | 8 | 2 |
| NN10055 | Insert − Exhaust Seat | 19 | * | 2 |
| NN10056 | Insert − Exhaust Seat | 19 | * | 2 |
| NN10057 | Insert − Exhaust Seat | 19 | * | 2 |
| NN10058 | Insert − Exhaust Seat | 19 | * | 2 |
| NN10075 | Valve − Intake | 19 | 25 | 2 |
| NN10076 | Valve − Exhaust | 19 | 26 | 2 |
| NN10077 | Spring − Valve | 19 | 28 | 4 |

*Not Illustrated

# TORO PART NUMBER INDEX (Cont.)

| Part No. | Description | Pg. No. | Ref. No. | Qty. |
|---|---|---|---|---|
| NN10078 | Retainer − Spring | 19 | 33 | 4 |
| NN10079 | Head − Left Cylinder | 19 | 32 | 1 |
| NN10080 | Head − Right Cylinder | 19 | * | 1 |
| NN10081 | Cap − Valve | 19 | 37 | 4 |
| NN10082 | Lock | 19 | 29 | 8 |
| NN10089 | Retaining Rings − Pin | 19 | * | 2 |
| NN10092 | Retaining Rings − Pin | 19 | * | 2 |
| NN10093 | Retaining Rings − Pin | 19 | * | 2 |
| NN10100 | Pin − Piston | 19 | 47 | 2 |
| NN10102 | Set − Piston Ring | 21 | * | 2 |
| NN10105 | Set − Piston Ring | 21 | * | 2 |
| NN10106 | Set − Piston Ring | 21 | * | 2 |
| NN10124 | Nuts − Rod w/Bolts | 21 | * | 2 |
| NN10125 | Nuts − Rod w/Bolts | 21 | 50 | 2 |
| NN10126 | Nuts − Rod w/Bolts | 21 | * | 2 |
| NN10127 | Nuts − Rod w/Bolts | 21 | * | 2 |
| NN10128 | Nuts − Rod w/Bolts | 21 | * | 2 |
| NN10130 | Tappet − .002 Oversize | 19 | * | 4 |
| NN10131 | Tappet − .005 Oversize | 19 | * | 4 |
| NN10141 | Adapter | 27 | 2 | 1 |
| NN10143 | Filter − Oil | 27 | 7 | 2 |
| NN10171 | Flywheel − w/Ring Gear | 23 | 15 | 1 |
| NN10199 | Jet − Power 616−Z | 35 | 4 | 1 |
| NN10201 | Jet − Idle 616−Z | 35 | 3 | 1 |
| NN10206 | Kit − Repair | 33 | 12 | 1 |
| NN10207 | Kit − Choke Shaft | 35 | 1 | 1 |
| NN10208 | Kit − Choke Lever 620−Z | 35 | * | 1 |
| NN10209 | Kit − Float | 35 | 10 | 1 |
| NN10245 | Coil − Ignition | 37 | 28 | 1 |
| NN10247 | Rotor | 29 | 28 | 1 |
| NN10248 | Nut − Positive Terminal M4 | 29 | 32 | 1 |
| NN10249 | Nut − Negative Terminal M5 | 29 | 31 | 1 |
| NN10253 | Wire − Plug | 29 | 30 | 1 |
| NN10254 | Wire − Plug | 29 | * | 1 |
| NN10265 | Kit − Hardware | 38 | 11 | 1 |
| NN10276 | Condenser | 37 | 29 | 1 |
| NN10277 | Fuse 30 AMP | 14 | * | 1 |
| NN10291 | Lead − Terminal | 29 | 18 | 2 |
| NN10302 | Hose | 33 | 27 | 1 |
| NN10302 | Hose 11” | 37 | 23 | 1 |
| NN10325 | Seal | 25 | 30 | 1 |
| NN10326 | Seal | 19 | 30 | 2 |
| NN10332 | Key − Flywheel | 23 | 23 | 1 |
| NN10334 | Pin − Stop | 19 | 6 | 2 |
| NN10334 | Screw | 25 | 3 | 2 |
| NN10335 | Pin − Dowel | 29 | 6 | 1 |
| NN10336 | Pin | 19 | 13 | 2 |
| NN10340 | Plug | 37 | 31 | 1 |
| NN10348 | Clip | 37 | 6 | 1 |
| NN10348 | Clip | 29 | 33 | 1 |
| NN10352 | Stud | 29 | 14 | 1 |
| NN10368 | Bolt | 29 | 26 | 2 |
| NN10369 | Bolt | 19 | 42 | 2 |
| NN10370 | Bolt | 19 | 27 | 2 |
| NN10373 | Bolt | 27 | 5 | 2 |
| NN10375 | Bolt | 33 | 1 | 4 |
| NN10376 | Bolt | 38 | 10 | 2 |
| NN10381 | Bolt | 19 | 35 | 18 |
| NN10389 | Bolt | 29 | 19 | 3 |
| NN10391 | Bolt | 27 | 3 | 1 |
| NN10394 | Bolt | 29 | 20 | 2 |
| NN10407 | Screw | 25 | 31 | 1 |
| NN10408 | Bolt | 37 | 30 | 2 |
| NN10409 | Bolt | 23 | 19 | 6 |
| NN10410 | Bolt | 33 | 23 | 1 |
| NN10412 | Bolt | 33 | 19 | 1 |
| NN10417 | Bolt | 37 | 7 | 2 |
| NN10420 | Washer | 33 | 9 | 2 |
| NN10424 | Washer − Lock | 29 | 21 | 2 |
| NN10424 | Washer − Lock | 33 | 21 | 1 |
| NN10427 | Nut − Wing | 31 | 1 | 2 |
| NN10430 | Nut | 29 | 13 | 1 |
| NN10431 | Nut − Speed | 25 | 32 | 1 |
| NN10444 | Control − Ignition | 29 | 15 | 1 |
| NN10466 | Filter − Fuel | 33 | 28 | 1 |
| NN10468 | Gasket | 25 | 22 | 1 |
| NN10474 | Gasket | 25 | 10 | 1 |
| NN10475 | Cover | 25 | 9 | 1 |
| NN10477 | Crankshaft − 616−Z | 23 | 1 | 1 |
| NN10478 | Guide − Intake Valve | 19 | 11 | 2 |
| NN10479 | Guide − Exhaust Valve | 19 | 12 | 2 |
| NN10480 | Cooler − Oil | 25 | 23 | 1 |
| NN10481 | Cover − Valve | 19 | 22 | 2 |
| NN10482 | Tube − Pickup | 25 | 11 | 1 |
| NN10483 | Spring − Pickup | 25 | 12 | 1 |
| NN10485 | Cup − Pickup | 25 | 13 | 1 |
| NN10487 | Drain − Oil | 27 | 4 | 1 |
| NN10488 | Seal | 27 | 6 | 1 |
| NN10489 | Tube − Breather | 19 | 16 | 1 |
| NN10490 | Indicator − Oil Level | 25 | 26 | 1 |
| NN10491 | Tube | 25 | 28 | 1 |
| NN10492 | Bracket | 25 | 29 | 1 |
| NN10493 | Tube | 31 | 3 | 1 |
| NN10494 | Adapter − Breather | 19 | 17 | 1 |
| NN10495 | Bracket | 19 | 18 | 1 |
| NN10498 | Baffle | 25 | 25 | 1 |
| NN10499 | Pan | 31 | 9 | 1 |
| NN10500 | Cover | 31 | 4 | 1 |
| NN10503 | Element − Foam | 31 | 5 | 1 |
| NN10504 | Carburetor − 616−Z | 33 | 10 | 1 |
| NN10505 | Pump − Fuel | 37 | 22 | 1 |
| NN10509 | Rod | 33 | 5 | 1 |
| NN10510 | Shaft and Arm | 29 | 3 | 1 |
| NN10514 | Manifold | 33 | 4 | 1 |
| NN10515 | Plate | 29 | 24 | 1 |
| NN10516 | Insulator | 29 | 22 | 1 |
| NN10519 | Starter Assy | 38 | 1 | 1 |
| NN10522 | Clip | 37 | 26 | 1 |
| NN10524 | Bracket | 23 | 24 | 1 |
| NN10525 | Clamp − Hose | 19 | 19 | 2 |
| NN10527 | Hose | 33 | 30 | 1 |
| NN10529 | Hose | 19 | 20 | 1 |
| NN10530 | Seal − Oil | 25 | 4 | 1 |
| NN10531 | ”O”Ring | 25 | 14 | 2 |
| NN10532 | Seal − Inner | 25 | 15 | 1 |
| NN10533 | Seal − Outer | 25 | 16 | 1 |

*Not Illustrated

# TORO PART NUMBER INDEX (Cont.)



| Part No. | Description | Pg. No. | Ref. No. | Qty. |
|---|---|---|---|---|
| NN10534 | Bearing − Ball | 25 | 7 | 1 |
| NN10535 | Plug | 19 | 21 | 1 |
| NN10536 | Plug | 19 | 2 | 1 |
| NN10538 | Clip | 33 | 6 | 1 |
| NN10539 | Ring − Retaining | 25 | 5 | 1 |
| NN10540 | Washer | 25 | 17 | 5 |
| NN10541 | Washer | 23 | 17 | 1 |
| NN10542 | Washer | 29 | 27 | 2 |
| NN10542 | Washer | 19 | 41 | 2 |
| NN10543 | Washer | 33 | 2 | 4 |
| NN10544 | Bolt | 33 | 8 | 2 |
| NN10546 | Screw | 25 | 19 | 9 |
| NN10547 | Screw | 31 | 8 | 1 |
| NN10549 | Gasket | 29 | 10 | 1 |
| NN10550 | Gasket | 33 | 3 | 2 |
| NN10551 | Guard | 37 | 32 | 1 |
| NN10555 | Support | 31 | 7 | 1 |
| NN10559 | Kit − Gearcase | 29 | 1 | 1 |
| NN10560 | Pump − Oil | 19 | 39 | 1 |
| NN10561 | Kit − Oil Pump Gasket | 19 | 40 | 1 |
| NN10563 | Gasket | 27 | 1 | 1 |
| NN10682 | Plug | 25 | 8 | 3 |
| NN10766 | Block − Short 16HP | 19 | 1 | 1 |
| NN10784 | Bolt | 37 | 14 | 1 |
| NN10784 | Bolt | 33 | 25 | 1 |
| NN10789 | Clamp | 33 | 29 | 3 |
| NN10794 | Regulator − Voltage | 37 | 27 | 1 |
| NN10798 | Plug | 27 | 9 | 1 |
| NN10807 | Kit − Carburetor Repair | 35 | 7 | 1 |
| NN10808 | Solenoid | 35 | 5 | 1 |
| NN10809 | Kit − Choke Lever 616−Z | 35 | 2 | 1 |
| NN10810 | Jet − Fixed 616−Z | 35 | * | 1 |
| NN10810 | Jet − Power, High Alt. | 35 | 6 | 1 |
| NN10811 | Kit − Throttle Shaft | 35 | 9 | 1 |
| NN10855 | Carburetor − 620−Z | 33 | * | 1 |
| NN10858 | Jet − Fixed 620−Z | 35 | * | 1 |
| NN10858 | Jet − Power, High Alt. | 35 | * | 1 |
| NN10859 | Jet − Idle 620−Z | 35 | * | 1 |
| NN10862 | Housing − Blower | 37 | 1 | 1 |
| NN10863 | Cable Tie | 37 | 9 | 2 |
| NN10864 | Screw | 37 | 33 | 4 |
| NN10865 | Spring − Governor Rod | 33 | 11 | 1 |
| NN10867 | Base − Oil | 25 | 1 | 1 |
| NN10898 | Bracket | 37 | 13 | 1 |
| NN10917 | Crankshaft − 620−Z | 23 | * | 1 |
| 47−2966 | Hose 5 | 11 | 11 | 1 |
| 47−2968 | Hose − 18” Fuel | 11 | 18 | 1 |
| 51−8170 | Shim 0.005 | 19 | 3 | AR |
| 55−3570 | Cap − Tank | 11 | 30 | 1 |
| 57−8000 | Bearing − Camshaft | 19 | 5 | 2 |
| 57−8030 | Bearing − Up Crankshaft | 19 | * | 1 |
| 57−8032 | Bearing − Up Crankshaft | 19 | 10 | 1 |
| 57−8050 | Bearing − Low Crankshaft, | 25 | 2 | 2 |
| 57−8060 | Bearing − Low Crankshaft | 25 | | 2 |
| 57−8130 | Gear − Crankshaft | 23 | 4 | 1 |
| 57−8140 | Washer − Special | 23 | 3 | 1 |
| 57−8150 | Screw − Special Cap | 23 | 16 | 1 |
| 57−8160 | Washer | 19 | 4 | 2 |
| 57−8180 | Gear − Ring | 23 | 22 | 1 |
| 57−8210 | Gear − Camshaft w/Spacer | 23 | 12 | 1 |
| 57−8230 | Washer − Special Thrust | 23 | 13 | 1 |
| 57−8260 | Gasket | 19 | 23 | 2 |
| 57−8330 | Gasket | 19 | 31 | 2 |
| 57−8350 | Retaining Rings − Pin | 19 | 46 | 2 |
| 57−8360 | Retaining Rings − Pin | 19 | * | 2 |
| 57−8370 | Retaining Rings − Pin | 19 | * | 2 |
| 57−8380 | Set − Piston Ring | 21 | 49 | 2 |
| 57−8390 | Set − Piston Ring | 21 | * | 2 |
| 57−8400 | Set − Piston Ring | 21 | * | 2 |
| 57−8410 | Bolt − Rod | 21 | 51 | 4 |
| 57−8420 | Nuts − Rod w/Bolts | 21 | * | 2 |
| 57−8430 | Nuts − Rod w/Bolts | 21 | * | 2 |
| 57−8440 | Nuts − Rod w/Bolts | 21 | * | 2 |
| 57−8450 | Tappet − Std | 19 | 24 | 4 |
| 57−9050 | Jet − Power 620−Z | 35 | * | 1 |
| 57−9090 | Ring − Retaining | 23 | 6 | 1 |
| 57−9100 | Spring | 37 | 11 | 1 |
| 57−9120 | Bushing | 37 | 20 | 1 |
| 57−9130 | Hub − Governor Cup | 23 | 7 | 1 |
| 57−9140 | Arm | 37 | 17 | 1 |
| 57−9170 | Swivel | 33 | 22 | 1 |
| 57−9180 | Link | 33 | 17 | 1 |
| 57−9190 | Clamp | 37 | 12 | 1 |
| 57−9190 | Clamp | 33 | 26 | 1 |
| 57−9200 | Gasket | 33 | 7 | 1 |
| 57−9200 | Gasket | 35 | 8 | 2 |
| 57−9210 | Gasket − Exhaust | 11 | 47 | 2 |
| 57−9260 | Gasket | 29 | 25 | 1 |
| 57−9340 | Plug − Spark | 29 | 29 | 2 |
| 57−9370 | Kit − Valve Grind Gasket | 19 | * | 1 |
| 57−9440 | Stator − with Terminals | 29 | 17 | 1 |
| 57−9550 | Clamp | 37 | 24 | 4 |
| 57−9570 | Seal − Oil | 29 | 7 | 1 |
| 57−9580 | Seal − Oil | 29 | 9 | 1 |
| 57−9610 | ”O”Ring | 25 | 27 | 1 |
| 57−9630 | Bearing | 29 | 8 | 1 |
| 57−9640 | Ball − Governor | 23 | 9 | 5 |
| 57−9650 | Bearing | 29 | 2 | 1 |
| 57−9660 | Key − Gear | 23 | 5 | 1 |
| 57−9660 | Key − Woodruff | 23 | 10 | 1 |
| 57−9700 | Clip − Retaining | 29 | 23 | 1 |
| 57−9710 | Ring − Retaining | 23 | 2 | 1 |
| 57−9720 | Ring − Retaining | 19 | 48 | 4 |
| 57−9740 | Washer − Copper | 19 | 36 | 2 |
| 57−9750 | Washer | 27 | 8 | 2 |
| 57−9750 | Washer | 29 | 12 | 5 |
| 57−9760 | Washer − Copper | 19 | 44 | 1 |
| 57−9770 | Washer | 19 | 34 | 18 |
| 57−9770 | Washer | 38 | 9 | 2 |
| 57−9790 | Nut − Rod | 21 | 52 | 2 |
| 57−9800 | Bearing − Up Crankshaft | 19 | * | 1 |
| 59−0280 | Spring | 25 | 6 | 1 |
| 59−0280 | Spring | 19 | 45 | 1 |
| 59−0290 | Tube − Oil | 19 | 7 | 1 |
| 59−0360 | Tube − Vacuum | 19 | 15 | 1 |
| 59−0370 | Cap | 37 | 21 | 1 |

*Not Illustrated

# TORO PART NUMBER INDEX (Cont.)

| Part No. | Description | Pg. No. | Ref. No. | Qty. |
|---|---|---|---|---|
| 59−0400 | Pin − Center | 23 | 14 | 1 |
| 59−0420 | Yoke | 29 | 4 | 1 |
| 59−0430 | Spring | 37 | 16 | 1 |
| 59−0450 | Cup − Governor | 23 | 8 | 1 |
| 59−0460 | Lever | 33 | 16 | 1 |
| 59−0470 | Bracket | 33 | 18 | 1 |
| 59−0720 | Pin − Cotter | 33 | 24 | 1 |
| 59−0760 | Plug | 19 | 14 | 1 |
| 59−0810 | Washer | 23 | 18 | 1 |
| 59−0820 | Washer | 37 | 10 | 4 |
| 59−0830 | Washer | 37 | 19 | 2 |
| 59−0850 | Washer | 33 | 15 | 1 |
| 59−0860 | Washer | 25 | 33 | 4 |
| 59−0910 | Bolt | 19 | 43 | 1 |
| 59−0950 | Screw | 29 | 5 | 2 |
| 59−0970 | Bolt | 37 | 2 | 2 |
| 59−0970 | Screw | 25 | 24 | 2 |
| 59−0980 | Bolt | 37 | 8 | 4 |
| 59−0980 | Screw | 25 | 20 | 19 |
| 59−1010 | Bolt | 37 | 18 | 2 |
| 59−1020 | Bolt | 33 | 20 | 1 |
| 59−1030 | Bolt | 37 | 15 | 1 |
| 59−1050 | Screw | 37 | 25 | 2 |
| 59−1080 | Bolt | 37 | 5 | 5 |
| 59−1120 | Bolt | 23 | 20 | 4 |
| 59−1130 | Nut | 29 | 16 | 1 |
| 62−2720 | Kit − Starter Solenoid | 38 | 2 | 1 |
| 62−2740 | Kit − Brush | 38 | 5 | 1 |
| 62−2750 | Holder − Brush | 38 | 4 | 1 |
| 62−2770 | Kit − Starter Shift Lever | 38 | 6 | 1 |
| 71−6290 | Kit − Engine Gasket | 19 | 38 | 1 |
| 72−3940 | Clutch − Starter | 38 | 7 | 1 |
| 72−3950 | Seal − Dust | 38 | 8 | 1 |
| 74−0720 | Tube − Manual | 12 | 30 | 1 |
| 78−0020 | Hourmeter − Assembly | 14 | 15 | 1 |
| 78−0390 | Rod − Upper Brake | 3 | 7 | 1 |
| 78−2740 | Washer − Lock | 12 | 24 | 2 |
| 78−2760 | Pulley − Transmission | 2 | 33 | 2 |
| 78−2790 | Control − Throttle | 11 | 26 | 1 |
| 78−2850 | Decal − Control | 16 | 5 | 1 |
| 78−3320 | Clamp − Hourmeter | 14 | 43 | 1 |
| 78−5840 | Harness − Wiring | 14 | 11 | 1 |
| 78−7400 | Decal − Power Plus 620−Z | 17 | * | 1 |
| 78−7410 | Washer | 15 | 18 | 4 |
| 79−1080 | Cover | 2 | 40 | 2 |
| 79−1440 | Arm − Control, RH | 4 | 17 | 1 |
| 79−1450 | Arm − Control, LH | 4 | * | 1 |
| 79−1780 | Spring − Torsion | 3 | 25 | 1 |
| 79−2000 | Key | 15 | 4 | 2 |
| 79−2110 | Clamp − Hose | 2 | 50 | 1 |
| 79−2290 | Cover | 13 | 1 | 1 |
| 79−2310 | Rod − Lower | 3 | 17 | 1 |
| 79−2320 | Yoke − Adjuster | 3 | 23 | 1 |
| 79−2330 | Bracket | 2 | 41 | 1 |
| 79−2340 | Shaft − Brake | 3 | 18 | 1 |
| 79−2350 | Transaxle Assembly | 2 | 23 | 1 |
| 79−2360 | Hose − 7 | 2 | 47 | 3 |
| 79−2380 | Clamp | 2 | 48 | 5 |
| 79−2410 | Fitting − Tee | 2 | 51 | 1 |
| 79−3500 | Reservoir w/Gasket | 2 | 38 | 2 |
| 79−5230 | Engine − 16HP | 11 | 1 | 1 |
| 79−5240 | Engine − 20HP | 11 | * | 1 |
| 79−5960 | Support − Seat | 13 | 18 | 1 |
| 79−5970 | Plate − Hitch | 1 | 27 | 2 |
| 79−5990 | Fork − Front Wheel, LH | 1 | 6 | 1 |
| 79−6000 | Fork − Front Wheel, RH | 1 | * | 1 |
| 79−6230 | Insert − Intake Seat, Std | 19 | 9 | 2 |
| 79−6240 | Insert − Intake Seat | 19 | * | 2 |
| 79−6250 | Insert − Intake Seat | 19 | * | 2 |
| 79−6260 | Insert − Intake Seat | 19 | * | 2 |
| 79−6270 | Insert − Intake Seat | 19 | * | 2 |
| 79−6300 | Spring − Brush | 38 | 3 | 3 |
| 79−6440 | Screen − Air Inlet | 23 | 21 | 1 |
| 79−7500 | Spring − Hose | 2 | 49 | 3 |
| 82−1410 | Bolt | 29 | 11 | 4 |
| 88−1340 | Shim − .020 | 7 | * | A/R |
| 88−2210 | Cover Assembly | 7 | 2 | 2 |
| 88−2220 | Cover | 7 | 3 | 2 |
| 88−2230 | Screw | 7 | 4 | 26 |
| 88−2240 | Shaft − Input | 7 | 7 | 1 |
| 88−2250 | Plug Assembly | 7 | 9 | 2 |
| 88−2260 | Seal − "O"Ring | 7 | 10 | 6 |
| 88−2270 | Fitting 90° | 7 | 11 | 2 |
| 88−2280 | Gasket − Cover | 7 | 12 | 4 |
| 88−2290 | Drive − Roto Ball | 7 | 14 | 2 |
| 88−2300 | Pump Assembly, | 7 | 15 | 2 |
| 88−2310 | Insert | 7 | 16 | 2 |
| 88−2320 | Ring Assembly − Cam | 7 | 17 | 2 |
| 88−2340 | Motor Assembly | 7 | 20 | 4 |
| 88−2340 | Nut − Assembly | 7 | 19 | 2 |
| 88−2350 | Pad − Friction | 7 | 21 | 4 |
| 88−2360 | Nut − Lock | 7 | 22 | 1 |
| 88−2370 | Lever − Brake, R.H. | 7 | 23 | 1 |
| 88−2380 | Shim − .020 | 7 | 24 | A/R |
| 88−2390 | Lever − Brake, L.H. | 7 | 25 | 1 |
| 88−2400 | Screw − Hex. Hd. | 7 | 26 | 1 |
| 88−2410 | Shaft − Brake | 7 | 27 | 1 |
| 88−2420 | Spring − Conical, | 7 | 28 | 4 |
| 88−2430 | Base −Spring | 7 | 29 | 2 |
| 88−2440 | Ring − Retaining | 7 | 30 | 6 |
| 88−2450 | Rod − Push | 7 | 31 | 2 |
| 88−2460 | Seal − Quad | 7 | 32 | 2 |
| 88−2470 | Spring − Dump Valve | 7 | 33 | 2 |
| 88−2480 | Bracket −Dump Valve | 7 | 34 | 2 |
| 88−2490 | "O"Ring − Seal | 7 | 35 | 2 |
| 88−2500 | Gasket − Filter | 7 | 36 | 1 |
| 88−2510 | Filter | 7 | 37 | 2 |
| 88−2520 | Cover − Valve | 7 | 38 | 2 |
| 88−2530 | Screw − Hex. Hd. | 7 | 39 | 11 |
| 88−2560 | Ring − Retaining | 9 | 1 | 2 |
| 88−2570 | Bearing − Ball | 9 | 2 | 2 |
| 88−2580 | Seal − Radial Lip | 9 | 3 | 2 |
| 88−2590 | Shaft − Axle | 9 | 4 | 2 |
| 88−2600 | Ring − Retaining | 9 | 5 | 4 |
| 88−2610 | Washer − Thrust | 9 | 6 | 4 |
| 88−2620 | Housing − Axle | 9 | 7 | 2 |

*Not Illustrated

# TORO PART NUMBER INDEX (Cont.)



| Part No. | Description | Pg. No. | Ref. No. | Qty. |
|---|---|---|---|---|
| 88−2640 | Gasket − Axle Housing | 9 | 17 | 2 |
| 88−2660 | Plate − Backup | 9 | 8 | 2 |
| 88−2670 | Gear − Ring, 57 Tooth | 9 | 10 | 4 |
| 88−2680 | Gear − First,15 Tooth | 9 | 11 | 2 |
| 88−2690 | Gear − Planet First | 9 | 13 | 6 |
| 88−2790 | Decal − Danger | 17 | 4 | 1 |
| 88−2800 | Carrier Primary | 9 | 12 | 2 |
| 88−2810 | Gear − Second | 9 | 16 | 6 |
| 88−2810 | Gear − Second | 9 | 14 | 2 |
| 88−2820 | Gear − Second | 9 | 15 | 6 |
| 88−2840 | Screw | 9 | 28 | 16 |
| 88−2930 | Shaft − Control | 7 | 1 | 2 |
| 88−2940 | Housing | 7 | 40 | 2 |
| 88−2950 | Piston Assembly | 7 | 41 | 4 |
| 88−2960 | Seal − "O"Ring | 7 | 42 | 1 |
| 88−2970 | Seal − Cup | 7 | 43 | 1 |
| 88−2980 | Washer | 7 | 45 | 1 |
| 88−2990 | Plug | 7 | 46 | 1 |
| 88−3000 | "O"Ring | 9 | 24 | 1 |
| 88−3000 | "O"Ring − Seal | 7 | 47 | 1 |
| 88−3010 | "O"Ring − Seal | 7 | 48 | 1 |
| 88−3020 | Ring − Backup | 7 | 49 | 1 |
| 88−3030 | Rod − Push | 7 | 50 | 1 |
| 88−3050 | Axle Housing Assembly | 9 | * | 1 |
| 88−3060 | Plate − Reaction | 9 | 9 | 2 |
| 88−3070 | Nut | 9 | 18 | 4 |
| 88−3080 | Washer − Lock | 9 | 19 | 4 |
| 88−3090 | Flange | 9 | 20 | 2 |
| 88−3100 | Screw | 9 | 21 | 16 |
| 88−3110 | Screw | 9 | 22 | 4 |
| 88−3120 | Plug | 9 | 23 | 1 |
| 88−3130 | Housing Assembly | 9 | 25 | 1 |
| 88−3150 | Transmission 1/2 L.H. | 9 | * | 1 |
| 88−3160 | Transmission 1/2 R.H. | 9 | * | 1 |
| 88−3210 | Seat 616−Z | 12 | * | 1 |
| 88−3220 | Seat 620−Z | 12 | 11 | 1 |
| 92−0901 | Retaining Rings − Pin | 19 | * | 2 |
| 92−0902 | Retaining Rings − Pin | 19 | * | 2 |
| 92−0903 | Retaining Rings − Pin | 19 | * | 2 |
| 92−0904 | Retaining Rings − Pin | 19 | * | 2 |
| 92−0905 | Set − Piston Ring | 21 | * | 2 |
| 92−0906 | Set − Piston Ring | 21 | * | 2 |
| 92−0907 | Set − Piston Ring | 21 | * | 2 |
| 92−0908 | Set − Piston Ring | 21 | * | 2 |
| 92−0909 | Set − Piston Ring | 21 | * | 2 |
| 92−0951 | Block − Short 20HP | 19 | | 1 |
| 92−0952 | Retaining Rings − Pin | 19 | * | 2 |
| 92−0955 | Hood | 31 | 2 | 1 |
| 92−0956 | Element − Paper | 31 | 6 | 1 |
| 92−0957 | Housing − Cylinder, LH | 37 | 3 | 1 |
| 92−0958 | Housing − Cylinder, RH | 37 | 4 | 1 |
| 92−0986 | Bracket − L.H. Arm | 12 | 8 | 1 |
| 92−0987 | Bracket − R.H. Arm | 12 | 7 | 1 |
| 92−0988 | Armrest | 12 | 1 | 2 |
| 92−0989 | Screw | 12 | 3 | 2 |
| 92−0990 | Screw | 12 | 5 | 2 |
| 92−0991 | Nut − Lock Acorn | 12 | 4 | 2 |
| 92−0992 | Screw | 12 | 2 | 6 |
| 92−0993 | Spacer | 12 | 6 | 4 |
| 92−1714 | Bushing − Flange | 1 | 7 | 4 |
| 92−1758 | Frame | 1 | 1 | 1 |
| 92−1784 | Decal − Zero Turn | 17 | 1 | 1 |
| 92−2500 | Decal − Danger | 16 | 3 | 1 |
| 92−2504 | Decal − Danger | 16 | 2 | 1 |
| 92−2507 | Decal − Toro 616−Z | 17 | 7 | 1 |
| 92−2508 | Decal − Toro 620−Z | 17 | 8 | 1 |
| 92−2510 | Decal − Rear | 17 | 6 | 1 |
| 92−4951 | Decal −Steering Speed | 16 | 7 | 1 |
| 92−4952 | Decal −Steering Speed | 16 | 8 | 1 |
| 92−6519 | Grip | 4 | 47 | 2 |
| 92−8747 | Decal − Attach−A−Matic | 17 | 3 | 2 |
| 321−10 | Bolt | 3 | 40 | 1 |
| 2412−36 | Clamp − Hose | 2 | 52 | 1 |
| 2412−95 | Clamp − Hose | 11 | 19 | 4 |
| 2412−104 | Clamp | 13 | 23 | 1 |
| 2412−133 | Clamp − Tube | 12 | 29 | 2 |
| 2710−33 | Link − Brake | 3 | 21 | 1 |
| 282−2 | Clevis | 3 | 34 | 1 |
| 2811−7 | Elbow − Street | 1 | 14 | 2 |
| 302−2 | Fitting − Grease | 1 | 13 | 2 |
| 302−5 | Fitting − Grease | 10 | 20 | 1 |
| 321−3 | Bolt | 11 | 35 | 5 |
| 321−4 | Bolt | 2 | 42 | 4 |
| 321−4 | Bolt | 14 | 3 | 2 |
| 321−4 | Bolt | 13 | 19 | 13 |
| 321−11 | Bolt | 2 | 37 | 2 |
| 322−2 | Bolt | 11 | 7 | 4 |
| 322−2 | Bolt | 11 | 42 | 2 |
| 322−3 | Bolt | 13 | 2 | 9 |
| 322−3 | Bolt | 2 | 2 | 6 |
| 322−3 | Bolt | 5 | 52 | 2 |
| 322−4 | Bolt | 10 | 2 | 4 |
| 322−5 | Bolt | 12 | 13 | 1 |
| 322−5 | Bolt | 13 | 7 | 5 |
| 322−5 | Bolt | 1 | 16 | 2 |
| 322−5 | Bolt | 2 | 31 | 2 |
| 322−7 | Bolt | 10 | 28 | 1 |
| 322−10 | Bolt | 2 | 14 | 1 |
| 323−6 | Screw − Cap Hex. Hd. | 1 | 3 | 4 |
| 323−6 | Screw − Cap Hex. Hd. | 2 | 18 | 1 |
| 323−6 | Screw − Cap Hex. Hd. | 5 | 54 | 2 |
| 323−7 | Bolt | 10 | 31 | 1 |
| 323−9 | Bolt | 4 | 26 | 2 |
| 323−11 | Bolt | 3 | 13 | 1 |
| 323−15 | Bolt | 10 | 15 | 1 |
| 323−16 | Bolt | 10 | 22 | 1 |
| 323−20 | Bolt | 2 | 24 | 4 |
| 3212−11 | Bolt | 10 | 8 | 1 |
| 3217−6 | Nut | 12 | 22 | 1 |
| 3217−6 | Nut − Jam | 3 | 24 | 1 |
| 3217−27 | Nut − Hex. | 14 | 17 | 2 |
| 3218−3 | Nut | 4 | 7 | 4 |
| 3220−1 | Nut − Jam | 4 | 28 | 2 |
| 3220−2 | Nut − Jam | 3 | 33 | 1 |
| 3230−1 | Bolt − Carriage | 13 | 17 | 2 |
| 3231−2 | Bolt − Carriage | 1 | 24 | 2 |

*Not Illustrated

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| Part No. | Description | Pg. No. | Ref. No. | Qty. |
|---|---|---|---|---|
| 3231−25 | Bolt − Carriage | 12 | 28 | 2 |
| 3231−25 | Bolt − Carriage | 1 | 28 | 4 |
| 3234−5 | Screw | 13 | 11 | 6 |
| 3250−14 | Screw | 11 | 27 | 2 |
| 3250−23 | Screw − Machine | 14 | 13 | 2 |
| 3253−3 | Washer − Lock | 11 | 36 | 3 |
| 3253−3 | Washer − Lock | 2 | 36 | 2 |
| 3253−4 | Washer − Lock | 13 | 15 | 4 |
| 3253−4 | Washer − Lock | 11 | 6 | 4 |
| 3253−4 | Washer − Lock | 11 | 48 | 4 |
| 3253−15 | Washer − Lock | 14 | 44 | 2 |
| 3256−2 | Washer | 4 | 19 | 2 |
| 3256−2 | Washer | 3 | 41 | 2 |
| 3256−3 | Washer | 13 | 4 | 2 |
| 3256−3 | Washer | 11 | 5 | 4 |
| 3256−3 | Washer | 12 | 15 | 3 |
| 3256−3 | Washer | 10 | 27 | 2 |
| 3256−4 | Washer | 2 | 10 | 1 |
| 3256−4 | Washer | 12 | 27 | 4 |
| 3256−14 | Washer | 14 | 24 | 1 |
| 3256−22 | Washer | 14 | 5 | 2 |
| 3256−22 | Washer | 13 | 20 | 24 |
| 3256−22 | Washer | 4 | 23 | 2 |
| 3256−22 | Washer | 3 | 28 | 1 |
| 3256−22 | Washer | 2 | 43 | 2 |
| 3256−22 | Washer | 11 | 24 | 2 |
| 3256−23 | Washer | 10 | 3 | 4 |
| 3256−23 | Washer | 3 | 8 | 7 |
| 3256−23 | Washer | 11 | 15 | 3 |
| 3256−23 | Washer | 12 | 25 | 2 |
| 3256−23 | Washer | 2 | 30 | 4 |
| 3256−23 | Washer | 11 | 39 | 3 |
| 3256−23 | Washer | 11 | 43 | 1 |
| 3256−23 | Washer | 5 | 53 | 4 |
| 3256−23 | Washer | 13 | 3 | 10 |
| 3256−23 | Washer | 11 | 45 | 1 |
| 3256−24 | Washer | 1 | 4 | 12 |
| 3256−24 | Washer | 4 | 8 | 2 |
| 3256−24 | Washer | 12 | 18 | 2 |
| 3256−24 | Washer | 3 | 14 | 1 |
| 3256−24 | Washer | 2 | 19 | 1 |
| 3256−24 | Washer | 2 | 25 | 8 |
| 3256−24 | Washer | 10 | 32 | 2 |
| 3256−26 | Washer | 4 | 37 | 6 |
| 3256−27 | Washer | 14 | 21 | 1 |
| 3256−46 | Washer | 11 | 21 | 1 |
| 3272−2 | Pin − Cotter | 3 | 29 | 1 |
| 3272−6 | Pin − Cotter | 3 | 9 | 6 |
| 3272−6 | Pin − Cotter | 12 | 12 | 1 |
| 3272−6 | Pin − Cotter | 4 | 46 | 2 |
| 3274−10 | Bolt | 11 | 49 | 4 |
| 3274−53 | Bolt − Soc. Hd. | 4 | 12 | 2 |
| 3296−2 | Nut | 14 | 14 | 2 |
| 3296−2 | Nut | 14 | 25 | 1 |
| 3296−2 | Nut | 11 | 28 | 2 |
| 3296−2 | Nut | 14 | 41 | 2 |
| 3296−23 | Nut − Elastic | 4 | 43 | 4 |
| 3296−23 | Nut − Lock | 4 | 34 | 2 |
| 3296−29 | Nut | 2 | 3 | 3 |
| 3296−29 | Nut | 10 | 5 | 4 |
| 3296−29 | Nut | 11 | 16 | 3 |
| 3296−29 | Nut | 12 | 23 | 1 |
| 3296−29 | Nut | 11 | 38 | 4 |
| 3296−29 | Nut | 11 | 46 | 1 |
| 3296−29 | Nut | 13 | 10 | 16 |
| 3296−29 | Nut | 2 | 16 | 1 |
| 3296−29 | Nut | 1 | 17 | 2 |
| 3296−29 | Nut | 10 | 29 | 1 |
| 3296−39 | Nut | 1 | 5 | 10 |
| 3296−39 | Nut | 12 | 17 | 6 |
| 3296−39 | Nut | 4 | 25 | 2 |
| 3296−39 | Nut | 2 | 26 | 4 |
| 3296−39 | Nut | 3 | 15 | 1 |
| 3296−39 | Nut | 10 | 21 | 1 |
| 3296−42 | Nut | 13 | 6 | 13 |
| 3296−42 | Nut | 14 | 6 | 2 |
| 3296−42 | Nut | 4 | 2 | 2 |
| 3296−42 | Nut | 3 | 42 | 1 |
| 3296−42 | Nut | 2 | 44 | 4 |
| 3296−47 | Nut | 4 | 13 | 4 |
| 32103−22 | Nut − Wing | 14 | 8 | 2 |
| 32104−32 | Screw | 25 | 21 | 4 |
| 32105−2 | Screw | 14 | 23 | 1 |
| 32120−72 | Ring − Retaining | 3 | 20 | 2 |
| 32121−93 | Pin − Roll | 3 | 5 | 1 |
| 32144−11 | Bolt | 13 | 16 | 4 |
| 32144−11 | Bolt | 1 | 19 | 4 |
| 32144−11 | Bolt − Thread Forming | 4 | 40 | 4 |
| 32144−11 | Screw | 3 | 43 | 2 |
| 32144−41 | Bolt | 4. | 4 | 4 |
| 32146−2 | Nut | 2 | 11 | 1 |
| 32151−91 | Ring − Retaining | 15 | 5 | 2 |
| 32151−91 | Ring − Retaining | 1 | 8 | 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.

## 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.

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## Optional Equipment

| Description | Model / Part No. |
|---|---|
| 38" Side Discharge Cutting Unit | 78400 |
| 38" Recycler® Cutting Unit | 78410 |
| 42" Side Discharge Cutting Unit | 78415 |
| 42" Rear Discharge Cutting Unit | 78420 |
| 42" Recycler® Cutting Unit | 78425 |
| 52" Side Discharge Cutting Unit | 78460 |
| 11 cu. ft. Bagger(38" Side Discharge Cutting Unit)* | 79400 |
| 11" cu. ft. Vac Bagger (42" Side Discharge Cutting Unit* | 79401 |
| 8" cu. ft. Vac Bagger (52" Side Discharge Cutting Unit)* | 79402 |
| 56" Snow Blade** | 79450 |

| Description | Model / Part No. |
|---|---|
| Knobby Tire | 78−78640 |
| Tire Chains | 82142 |
| 5" Chrome Hubcaps | 117587 |
| 8" Chrome Hubcaps | 114427 |
| Kits | |
| 42" Recycler® Rear Discharge Cutting Unit | 86001 |
| 38"Recycler® Side Discharge Cutting Unit | 86032 |
| 42" Leaf Baffle Side Discharge Cutting Unit | 85501 |
| Front Weight | 81127 |
| Wheel Weight | 81214 |
| Drawbar | 85535 |

*Requires Front Weight Kit #81127
** Recommend Rear Wheel Weight & Tire Chains

# MAINTENANCE RECORD

| Date | | | | | | | | |
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