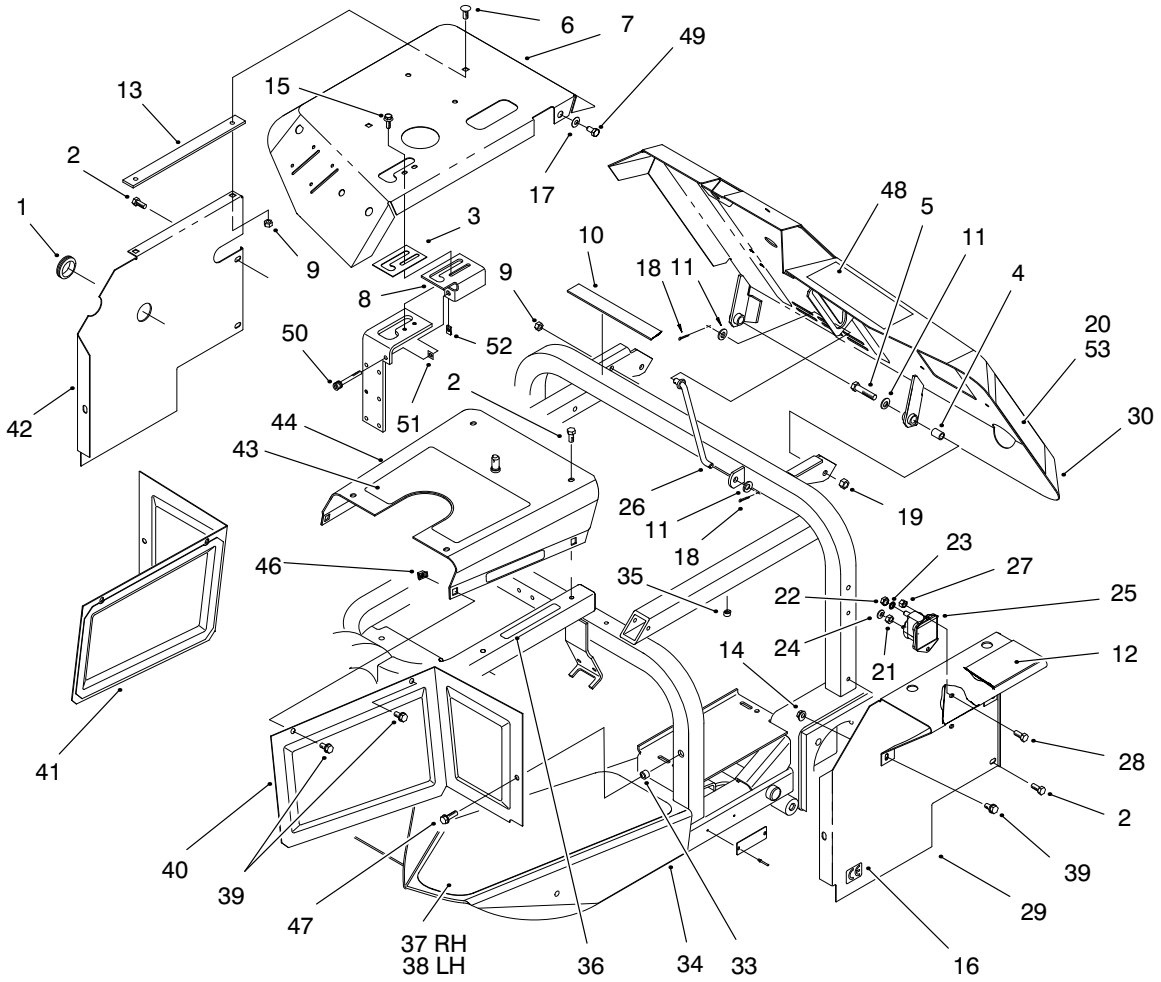
FORM NO. 3322–295

TORO®

MODEL NO. 08886–90001 & UP

PARTS CATALOG

# SAND PRO® 5020




T–2786–4

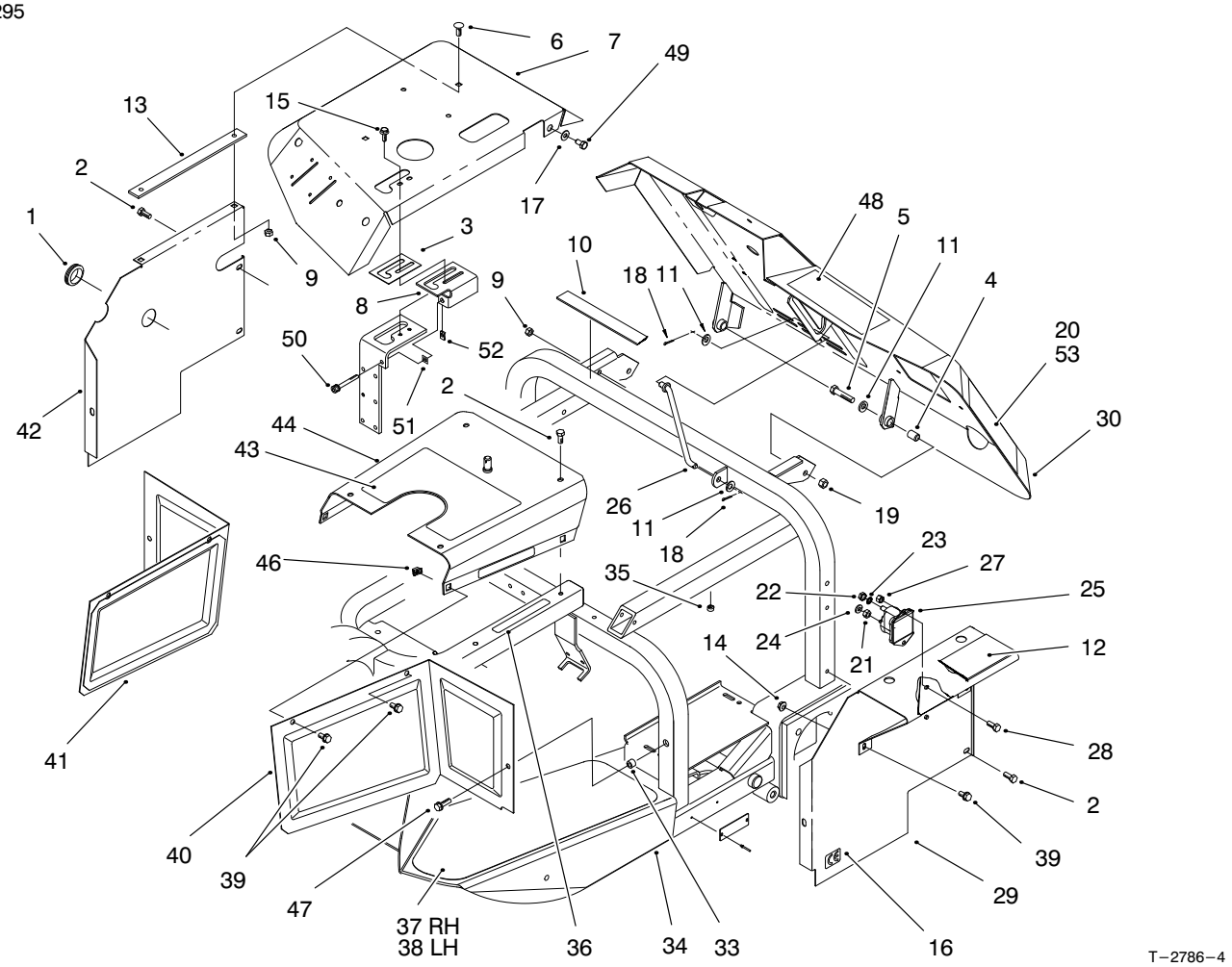
## FRAME & BODY ASM

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 240–3 | Grommet–Rubber | 1 |
| 2 | 32144–11 | Screw–HWHTF | 8 |
| 3 | 99–1629 | Guide–Lever | 1 |
| 4 | 85–0290 | Spacer–Seat Support | 2 |
| 5 | 323–9 | Screw–HH | 2 |
| 6 | 3230–20 | Bolt–CARR | 2 |
| 7 | 98–0918 | Fender–RH | 1 |
| 8 | 98–8160 | Latch–Valve Lever | 1 |
| 9 | 3296–29 | Nut–Lock | 3 |
| 10 | 98–0980 | Strip–Seat Base | 1 |
| 11 | 3256–24 | Washer–Flat | 4 |
| 12 | 98–0981 | Pad–Seat Base | 1 |
| 13 | 98–0982 | Strip–Fender | 1 |
| 14 | 32128–20 | Nut–Flange Lock | 1 |
| 15 | 3234–4 | Screw–HFH. | 2 |
| 16 | 93–7252 | Decal–CE | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 17 | 3256–2 | Washer–Flat | 1 |
| 18 | 3272–4 | Pin–Cotter | 2 |
| 19 | 3296–39 | Nut–Lock | 2 |
| 20 | 98–0972 | Decal–Sand Pro 5020 | 2 |
| 21 | 3219–14 | Nut–Hex | 2 |
| 22 | 3218–13 | Nut–Jam | 2 |
| 23 | 3254–2 | Washer–Lock | 2 |
| 24 | 3254–1 | Washer–Lock | 2 |
| 25 | 28–4210 | Solenoid–Starter | 1 |
| 26 | 98–0917 | Rod–Seat | 1 |
| 27 | 3296–42 | Nut–Lock | 2 |
| 28 | 321–3 | Screw–HH | 2 |
| 29 | 98–0966 | Asm–Panel–Rear LH | 1 |
| 30 | 98–8150 | Seat Base (Incl. Ref. #48) | 1 |
| 33 | 32148–8 | Nut–Clinch | 2 |

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TPS



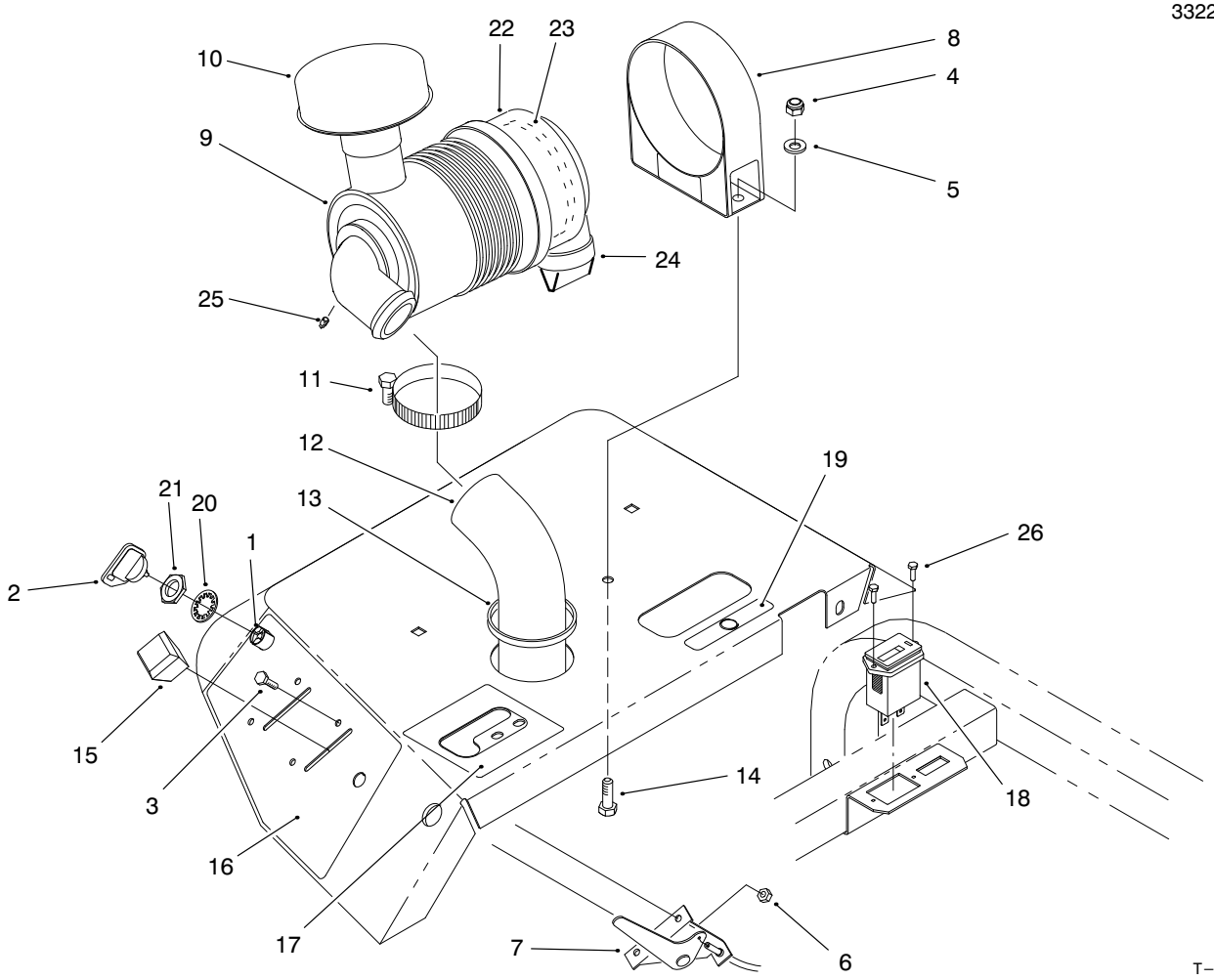

T−2786−4

# FRAME & BODY ASM (Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 34 | 98−0962 | Asm−Frame (Incl. Ref. #33, 35 & 36) | 1 |
| 35 | 32148−11 | Nut−Clinch | 1 |
| 36 | 93−9052 | Decal−Danger | 3 |
| 37 | 85−8780 | Tread−Floor RH | 1 |
| 38 | 85−8790 | Tread−Floor LH | 1 |
| 39 | 3234−7 | Screw | 5 |
| 40 | 85−9680 | Panel−LH | 1 |
| 41 | 85−8490 | Panel−RH | 1 |
| 42 | 98−0902 | Panel−Rear RH | 1 |
| 43 | 93−9050 | Decal−Instruction | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 44 | 98−0965 | Asm−Top Panel (Incl. Ref. #36, 43 & 46) | 1 |
| 46 | 3290−496 | Nut−Panel | 4 |
| 47 | 3234−29 | Screw−HFH | 2 |
| 48 | 93−9053 | Decal−Warning | 1 |
| 49 | 322−2 | Screw−HH | 1 |
| 50 | 3274−56 | Screw−HSH | 1 |
| 51 | 32115−15 | Retainer | 1 |
| 52 | 3290−199 | Speed Nut | 1 |
| 53 | 98−8065 | Decal−Infield Pro 5020 | 2 |

*Not Illustrated

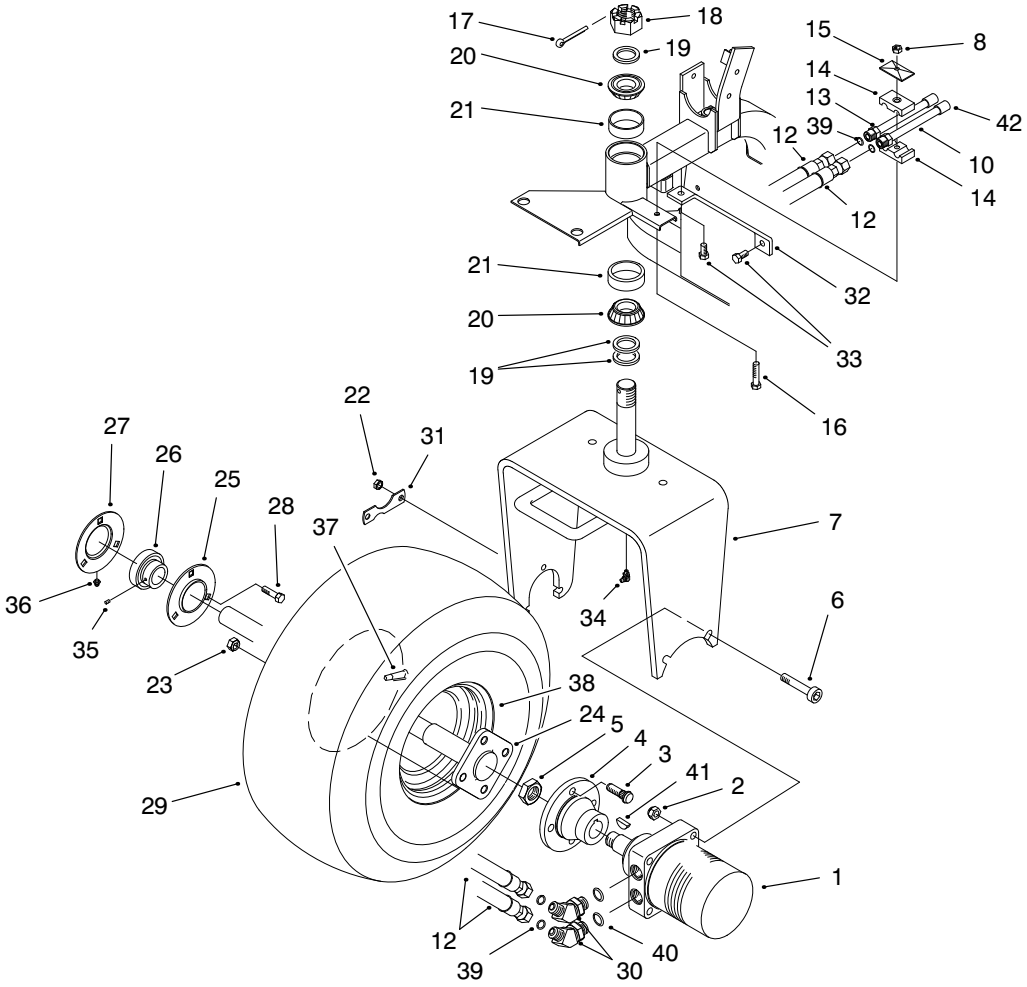



# AIR CLEANER & CONTROL PANEL ASM

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 83−0020 | Starter Switch (Incl. Ref. #2 & 20−21) | 1 |
| 2 | 63−8360 | Key−Ignition | 2 |
| 3 | 32105−13 | Screw−HH | 4 |
| 4 | 3296−29 | Nut−Lock | 2 |
| 5 | 3256−23 | Washer−Flat | 2 |
| 6 | 3296−2 | Nut−Lock | 4 |
| 7 | 98−0991 | Control−Choke/Throttle | 2 |
| 8 | 95−5806 | Band−Mounting | 1 |
| 9 | 93−2190 | Asm−Air Cleaner (Incl. Ref. #22−25) | 1 |
| 10 | 46−7510 | Hood−Air Inlet | 1 |
| 11 | 2412−130 | Clamp−Hose | 2 |
| 12 | 92−8977 | Hose−Air Cleaner | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 13 | 237−164 | Grommet−Rubber | 1 |
| 14 | 322−5 | Screw−HH | 2 |
| 15 | 66−0120 | Knob | 2 |
| 16 | 98−0975 | Decal−Controls | 1 |
| 17 | 98−0984 | Decal−Lift | 1 |
| 18 | 75−6820 | Hourmeter | 1 |
| 19 | 93−7442 | Decal−Parking Lever | 1 |
| 20 | 3254−5 | Washer−Lock | 1 |
| 21 | 218−461 | Nut−Hex. | 1 |
| 22 | 94−3652 | Asm−Cover | 1 |
| 23 | 93−2195 | Element−Air Cleaner | 1 |
| 24 | 94−1414 | Valve−Air Cleaner | 1 |
| 25 | 285−17 | Plug | 1 |
| 26 | 32144−18 | Screw−HH | 2 |

*Not Illustrated



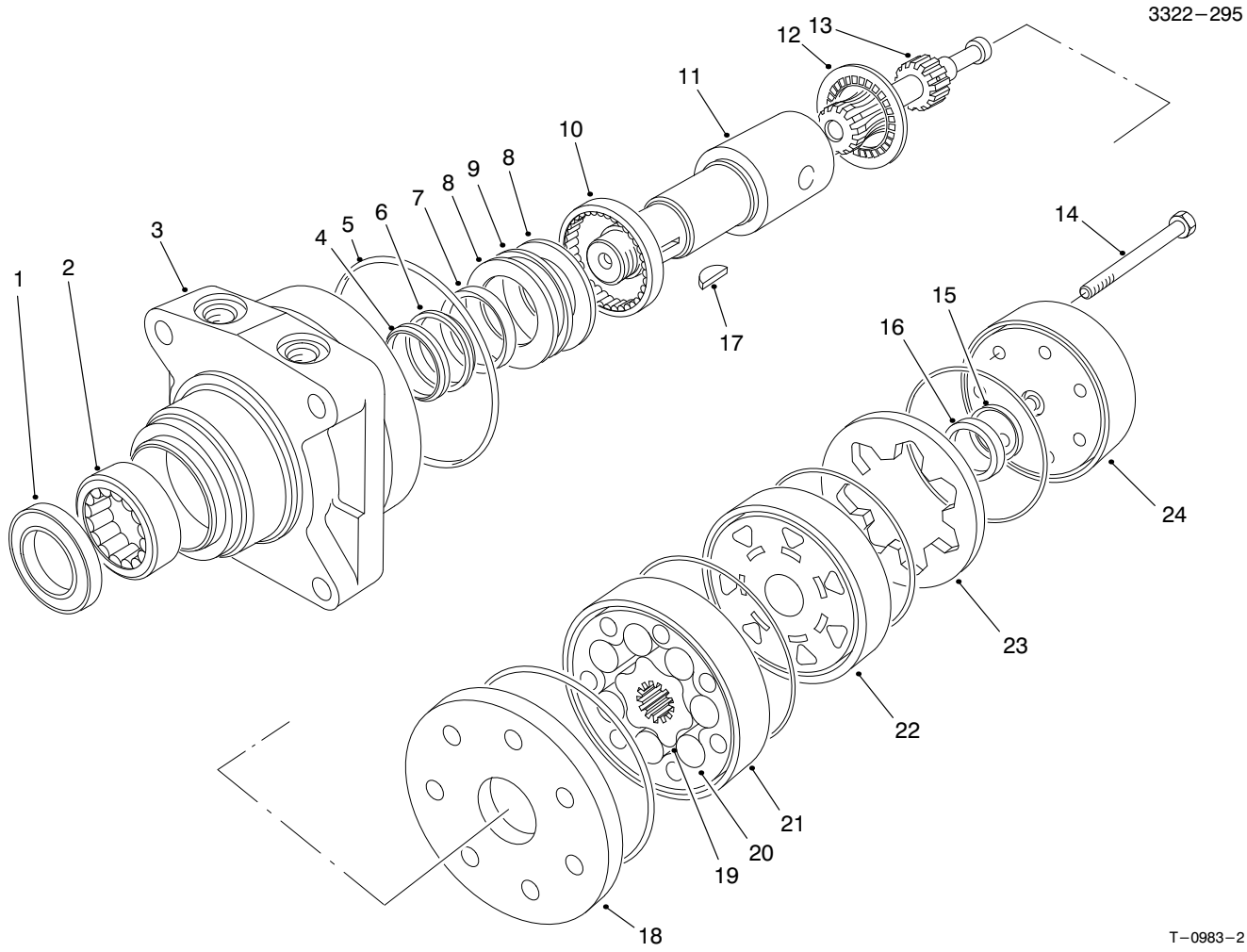

T−2788−2

# FRONT WHEEL ASM

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 98−0958 | Asm−Hydraulic Motor (Incl. Ref. #41) | 1 |
| 2 | 3296−23 | Nut−Lock | 2 |
| 3 | 10−6830 | Stud−Drive | 4 |
| 4 | 93−6838 | Hub−Wheel | 1 |
| 5 | 26−3790 | Nut−Lock | 1 |
| 6 | 3274−93 | Screw−HSH | 2 |
| 7 | 98−0950 | Asm−Fork | 1 |
| 8 | 3296−8 | Nut−Lock | 1 |
| 10 | 98−0932 | Asm−Hydraulic Tube (Incl. Ref. #39) | 1 |
| 12 | 85−9640 | Hose−Hydraulic | 2 |
| 13 | 98−0933 | Asm−Hydraulic Tube (Incl. Ref. #39) | 1 |
| 14 | 56−7976 | Clamp−Tube | 2 |
| 15 | 69−9760 | Plate−Cover | 1 |
| 16 | 321−10 | Screw−HH | 1 |
| 17 | 3272−37 | Pin−Cotter | 1 |
| 18 | 32136−9 | Nut−Hex. | 1 |
| 19 | 18−6320 | Washer−Steering | 3 |
| 20 | 254−70 | Bearing−Cone | 2 |
| 21 | 254−61 | Bearing−Cup | 2 |
| 22 | 3296−39 | Nut−Lock | 3 |
| 23 | 242−50 | Nut−Lug | 4 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 24 | 92−8969 | Spindle | 1 |
| 25 | 85−8950 | Flangette | 1 |
| 26 | 251−352 | Asm−Bearing (Incl. Ref. #35) | 1 |
| 27 | 85−8940 | Asm−Flangette (Incl. Ref. #36) | 1 |
| 28 | 323−29 | Screw−HH | 3 |
| 29 | 85−8290 | Tire | 1 |
| * | 116973 | Tire−Turf (Optional) | 2 |
| 30 | 340−89 | Fitting−Hydraulic 45° (Incl. Ref. #39 & 40) | 2 |
| 31 | 88−8350 | Tab−Bearing | 1 |
| 32 | 98−0926 | Strap | 1 |
| 33 | 32104−6 | Screw−HH | 2 |
| 34 | 302−33 | Fitting−Grease | 1 |
| 35 | | Screw−Set | 2 |
| 36 | 302−5 | Fitting−Grease | 1 |
| 37 | 232−32 | Valve−Stem | 1 |
| 38 | 94−6116 | Rim | 1 |
| 39 | 237−30 | O−Ring | 4 |
| 40 | 237−80 | O−Ring | 2 |
| 41 | | Key−Woodruff | 1 |
| 42 | 38−3400 | Snubber | 2 |

*Not Illustrated

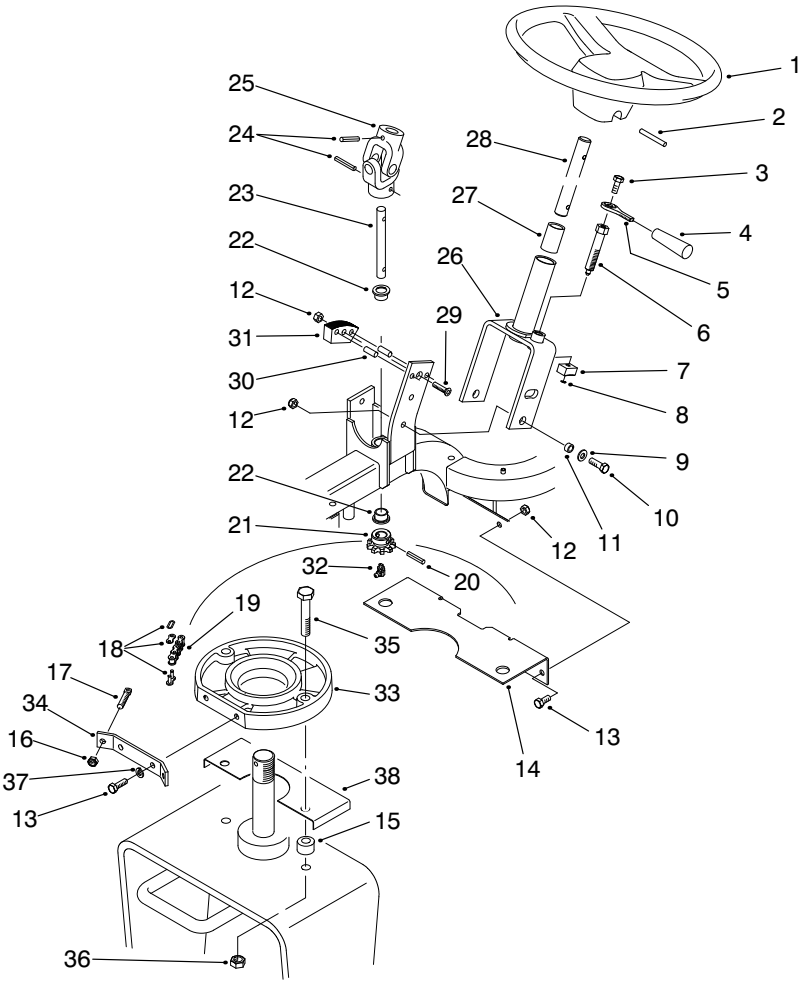



# FRONT HYDRAULIC DRIVE MOTOR NO. 98–0958

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | | Seal–Dirt & Water | 1 |
| 2 | | Bearing | 1 |
| 3 | | Housing | 1 |
| 4 | | Washer–Backup | 1 |
| 5 | | Seal–Rings | 5 |
| 6 | | Washer–Backup | 1 |
| 7 | | Seal–Inner | 1 |
| 8 | | Washer–Thrust | 2 |
| 9 | | Bearing–Thrust | 1 |
| 10 | | Bearing | 1 |
| 11 | 76–0860 | Shaft–Coupling | 1 |
| 12 | 76–0850 | Bearing–Thrust | 1 |
| 13 | | Link–Drive | 1 |
| 14 | | Screw–HH | 7 |
| 15 | | Seal–Commutator | 1 |
| 16 | | Commutator | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 17 | 3257–42 | Key–Woodruff | 1 |
| 18 | 76–0870 | Plate–Wear | 1 |
| 19 | | Rotor | 1 |
| 20 | | Vane | 7 |
| 21 | | Stator | 1 |
| 22 | | Manifold | 1 |
| 23 | | Ring–Commutator | 1 |
| 24 | 76–0940 | Asm–Cover, End | 1 |
| * | | Rotor Set (Incl. Ref. #19–21) | 1 |
| * | 76–0880 | Asm–Commutator (Incl. Ref. #15, 16 & 23) | 1 |
| * | 94–8178 | Kit–Seal (Incl. Ref. #1, 4–7 & 15) | 1 |
| * | 76–0810 | Asm–Housing (Incl. Ref. #2, 3 & 8–10) | 1 |

*Not Illustrated

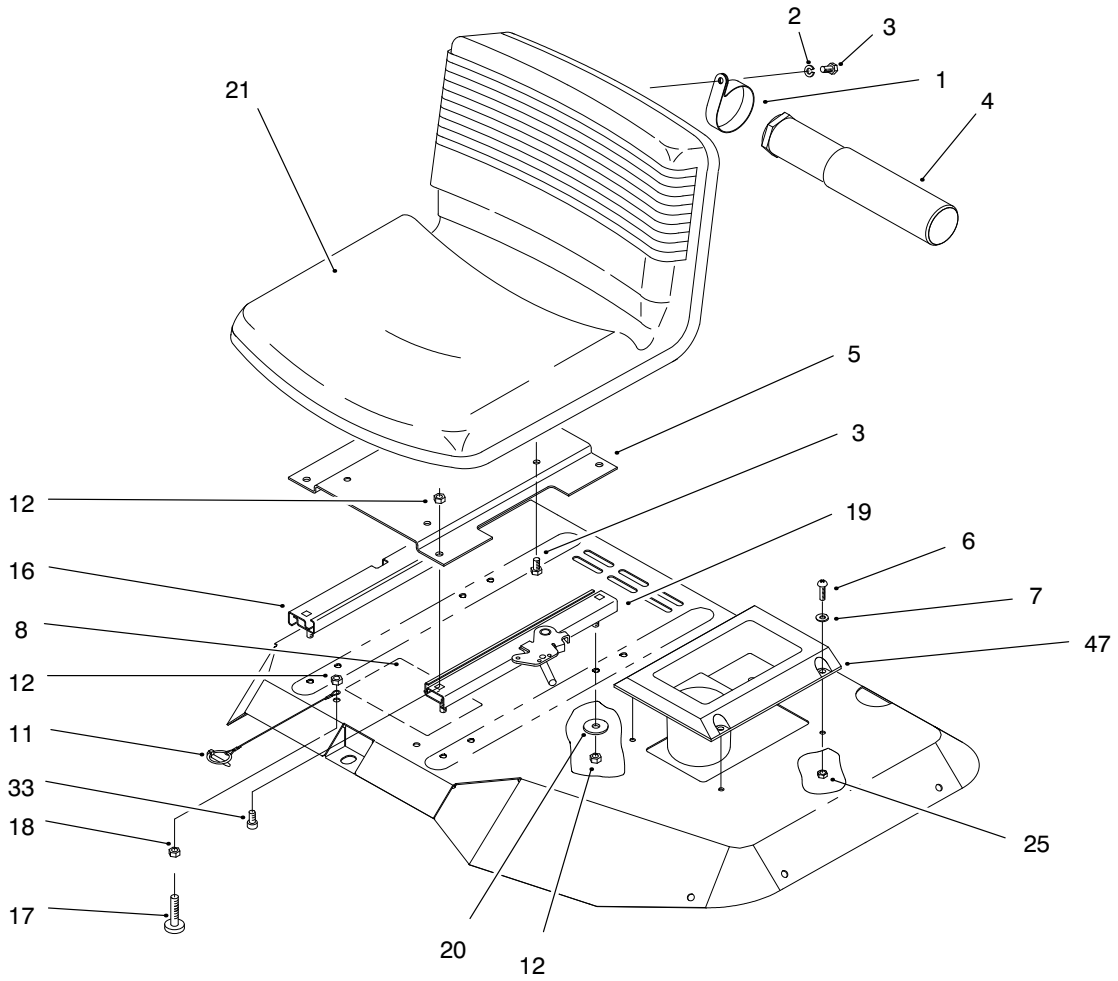



T−2789

# STEERING ASM

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 76−1420 | Wheel−Steering | 1 |
| 2 | 32121−111 | Pin−Roll | 1 |
| 3 | 322−43 | Screw−HH | 1 |
| 4 | 233−39 | Handle | 1 |
| 5 | 88−8280 | Lever−Steering Adjust | 1 |
| 6 | 94−4514 | Pin−Tilt Lock | 1 |
| 7 | 88−8530 | Block−Lock Upper | 1 |
| 8 | 94−4513 | Ring−Retaining | 1 |
| 9 | 3256−23 | Washer−Flat | 3 |
| 10 | 322−5 | Screw−HH | 3 |
| 11 | 85−9120 | Spacer | 3 |
| 12 | 3296−29 | Nut−Lock | 6 |
| 13 | 322−3 | Screw−HH | 4 |
| 14 | 98−0983 | Bracket−Fuel Tank | 1 |
| 15 | 98−0978 | Spacer | 2 |
| 16 | 3296−4 | Nut−Lock | 2 |
| 17 | 18−6380 | Bolt−Adjustment | 2 |
| 18 | 2710−11 | Link−Connecting | 2 |
| 19 | 85−8030 | Chain | 1 |
| 20 | 98−0973 | Pin−Grooved | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 21 | 85−9180 | Sprocket | 1 |
| 22 | 65−8770 | Bushing−Flange | 2 |
| 23 | 98−0928 | Shaft−Steering Lower | 1 |
| 24 | 32121−15 | Pin−Roll | 2 |
| 25 | 85−9200 | Joint−Universal | 1 |
| 26 | 88−8290 | Asm−Steering Column (Incl. Ref. #27) | 1 |
| 27 | 256−185 | Bushing−Sleeve | 1 |
| 28 | 85−9220 | Shaft−Steering Upper | 1 |
| 29 | 3289−24 | Screw−HSFH | 1 |
| 30 | 88−8510 | Dowel | 2 |
| 31 | 88−8520 | Block−Lock Lower | 1 |
| 32 | 302−33 | Fitting−Grease | 1 |
| 33 | 98−0924 | Guide−Chain | 1 |
| 34 | 98−0925 | Bracket−Chain | 1 |
| 35 | 325−11 | Screw−HH | 2 |
| 36 | 3296−25 | Nut−Lock | 2 |
| 37 | 3253−4 | Washer−Lock | 2 |
| 38 | 98−0929 | Plate−Chain Stay | 1 |



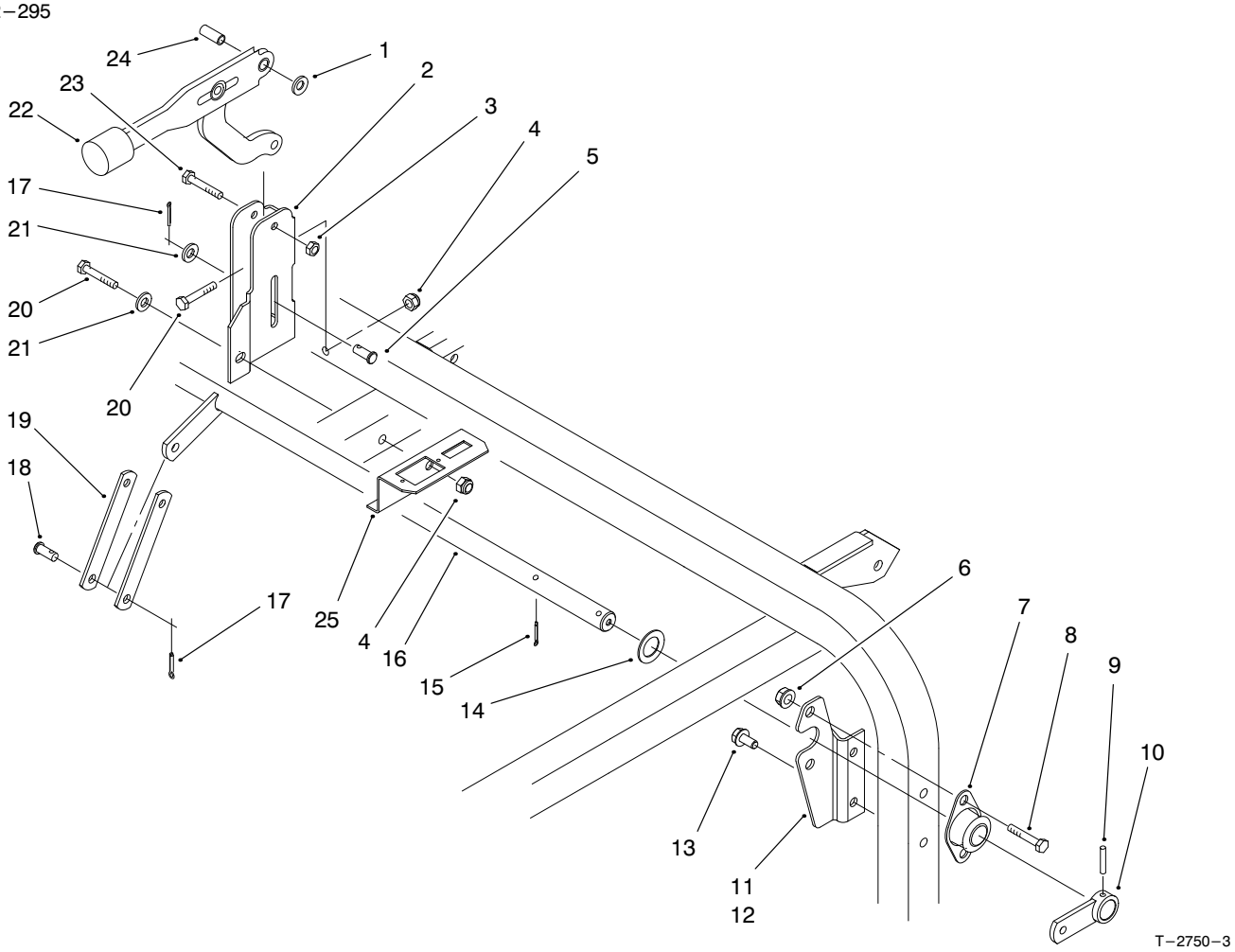

T–2790–1

# SEAT ASM

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 2412–133 | Clamp–R | 2 |
| 2 | 3253–4 | Washer–Lock | 2 |
| 3 | 322–2 | Screw–HH | 6 |
| 4 | 74–0720 | Tube–Manual | 1 |
| 5 | 85–9660 | Plate–Seat Adjust | 1 |
| 6 | 3258–166 | Screw–Round Hd. | 4 |
| 7 | 3256–1 | Washer–Flat | 4 |
| 8 | 98–0977 | Decal–Service | 1 |
| 11 | 98–0979 | Pin–Lynch | 1 |
| 12 | 3296–29 | Nut–Lock | 10 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 16 | 51–0780 | Slider–Seat 4” | 1 |
| 17 | 32141–36 | Level–Screw | 2 |
| 18 | 3218–2 | Nut–Jam | 2 |
| 19 | 51–0790 | Slider–Seat | 1 |
| 20 | 63–8410 | Washer–Flat | 4 |
| 21 | 92–8976 | Seat | 1 |
| 25 | 3296–42 | Nut–Lock | 4 |
| 32 | 3256–23 | Washer–Flat | 1 |
| 33 | 3274–12 | Screw–HSH | 4 |

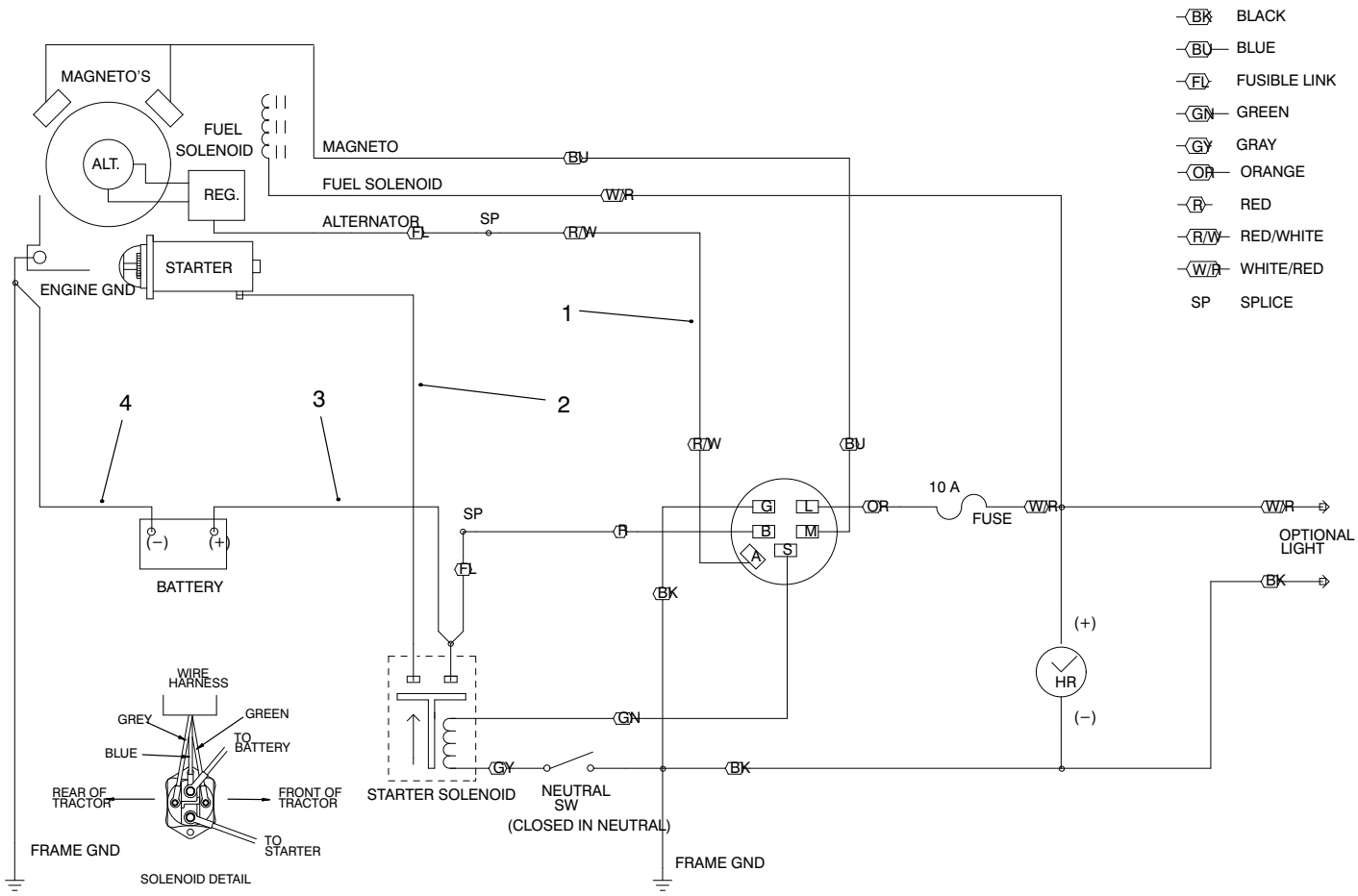
3322−295




# PARKING BRAKE ASM

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 3290−477 | Washer−Curved | 1 |
| 2 | 95−5823 | Bracket−Lever | 1 |
| 3 | 3296−42 | Nut−Lock | 1 |
| 4 | 3296−29 | Nut−Lock | 2 |
| 5 | 238−14 | Pin−Clevis | 1 |
| 6 | 3296−39 | Nut−Lock | 4 |
| 7 | 27−2320 | Bearing−Side Flange | 2 |
| 8 | 3234−1 | Screw−HFH | 4 |
| 9 | 32121−6 | Pin−Roll | 2 |
| 10 | 83−9310 | Arm−Brake | 2 |
| 11 | 98−0900 | Bracket−Bearing LH | 1 |
| 12 | 98−0901 | Bracket−Bearing RH | 1 |
| 13 | 32144−14 | Screw−HWH | 4 |

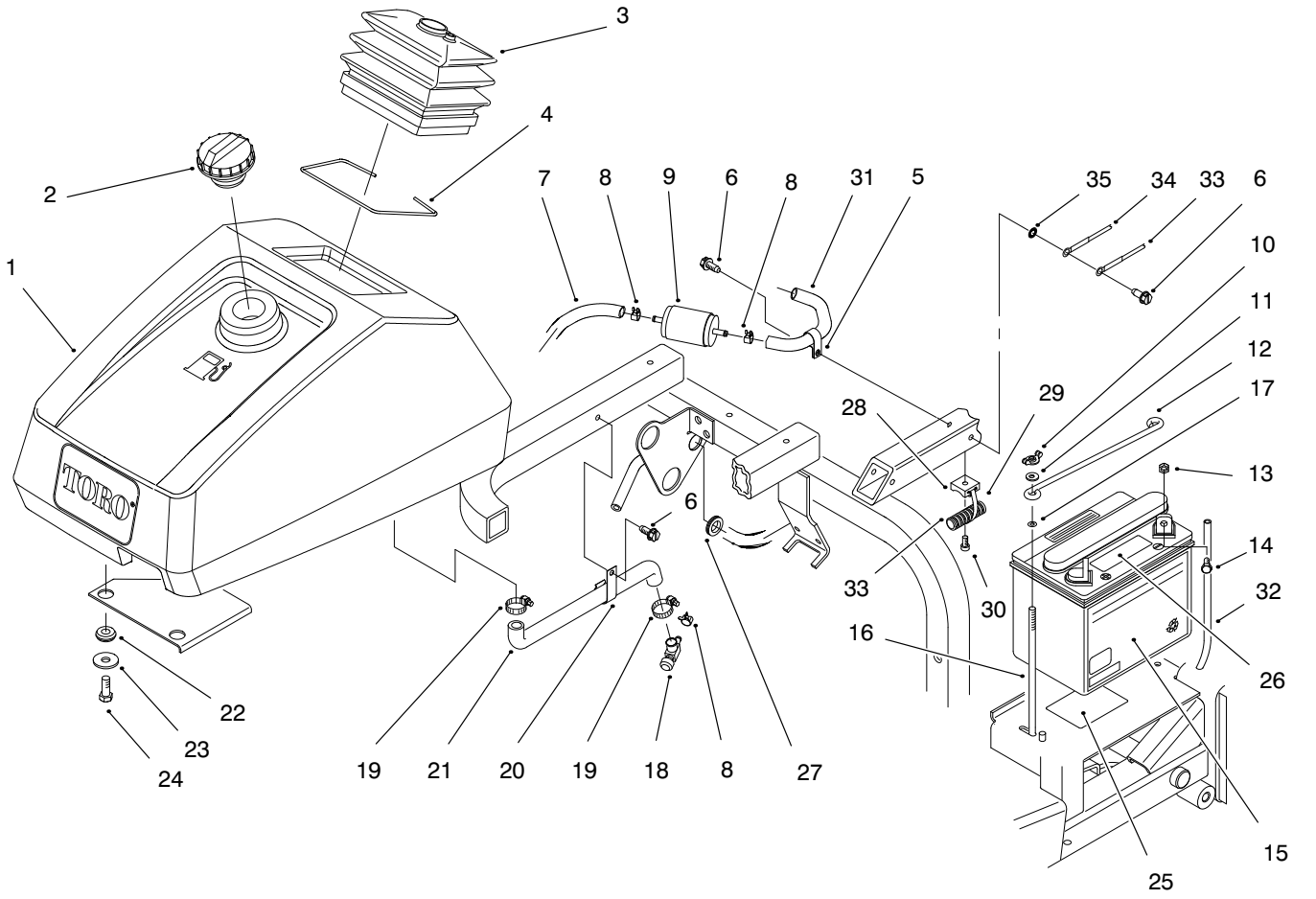
| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 14 | 67−9410 | Washer−Flat | 2 |
| 15 | 3272−12 | Pin−Cotter | 2 |
| 16 | 95−5848 | Rod−Traverse | 1 |
| 17 | 3272−10 | Pin−Cotter | 2 |
| 18 | 283−62 | Pin−Clevis | 1 |
| 19 | 95−5844 | Strap | 2 |
| 20 | 322−11 | Screw−HH | 2 |
| 21 | 3256−23 | Washer−Flat | 2 |
| 22 | 87−2710 | Asm−Lever | 1 |
| 23 | 321−9 | Screw−HH | 1 |
| 24 | 87−4710 | Spacer−Parking Brake | 1 |
| 25 | 98−0922 | Bracket−Hourmeter | 1 |




T–2791–2

# ELECTRICAL SCHEMATIC

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 98–0994 | Wire Harness–Main | 1 |
| 2 | 80–2110 | Cable–Solenoid–Starter | 1 |
| 3 | 83–2420 | Cable–Positive | 1 |
| 4 | 88–8330 | Cable–Engine Ground | 1 |

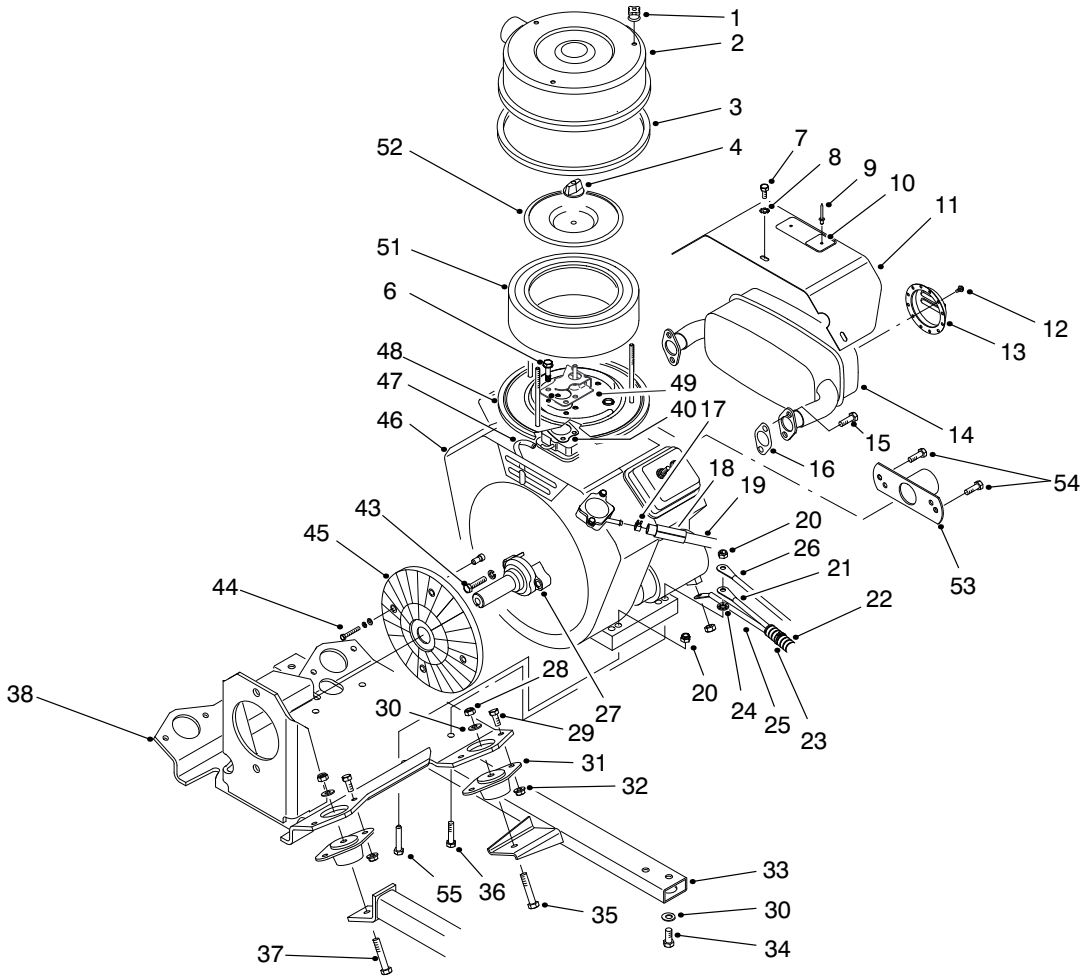



T–2792–2

# FUEL TANK & BATTERY ASM

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 98–0927 | Tank–Fuel | 1 |
| 2 | 93–7170 | Cap–Fuel | 1 |
| 3 | 85–9010 | Boot–Steering | 1 |
| 4 | 85–8930 | Retainer–Boot | 1 |
| 5 | 2412–93 | Clamp–R | 1 |
| 6 | 32144–11 | Screw–TAP | 3 |
| 7 | 98–0976 | Hose–Fuel | 1 |
| 8 | 2412–98 | Clamp–Hose | 3 |
| 9 | 94–2690 | Filter–Fuel | 1 |
| 10 | 32103–12 | Nut–Wing | 2 |
| 11 | 3256–22 | Washer–Flat | 2 |
| 12 | 72–4790 | Hold–Down–Battery | 1 |
| 13 | 3217–5 | Nut–Hex. | 2 |
| 14 | 321–3 | Screw–HH | 2 |
| 15 | 92–1678 | Battery (Incl. Ref. #32) | 1 |
| 16 | 56–7720 | Rod–Battery Hold–Down | 2 |
| 17 | 237–143 | Grommet | 2 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 18 | 83–1390 | Fitting–Fuel Shut–Off | 1 |
| 19 | 2412–36 | Clamp–Hose | 2 |
| 20 | 2412–109 | Clip–J | 1 |
| 21 | 98–0995 | Hose–Fuel | 1 |
| 22 | 240–11 | Grommet | 4 |
| 23 | 63–8410 | Washer–Flat | 4 |
| 24 | 323–5 | Screw–HH | 4 |
| 25 | 93–6668 | Decal–Battery | 1 |
| 26 | 93–7276 | Decal–Danger | 1 |
| 27 | 237–124 | Grommet | 1 |
| 28 | 3290–509 | Tie–Mount | 1 |
| 29 | 3290–378 | Tie–Cable | 1 |
| 30 | 3274–31 | Screw–HH | 1 |
| 31 | 47–2964 | Hose–Fuel | 1 |
| 32 | | Hose–Battery Vent | 1 |
| 33 | 98–0994 | Wire Harness–Main | 1 |
| 34 | 98–0999 | Wire–Ground | 1 |
| 35 | 3254–2 | Washer–Lock | 1 |




T–1474–4

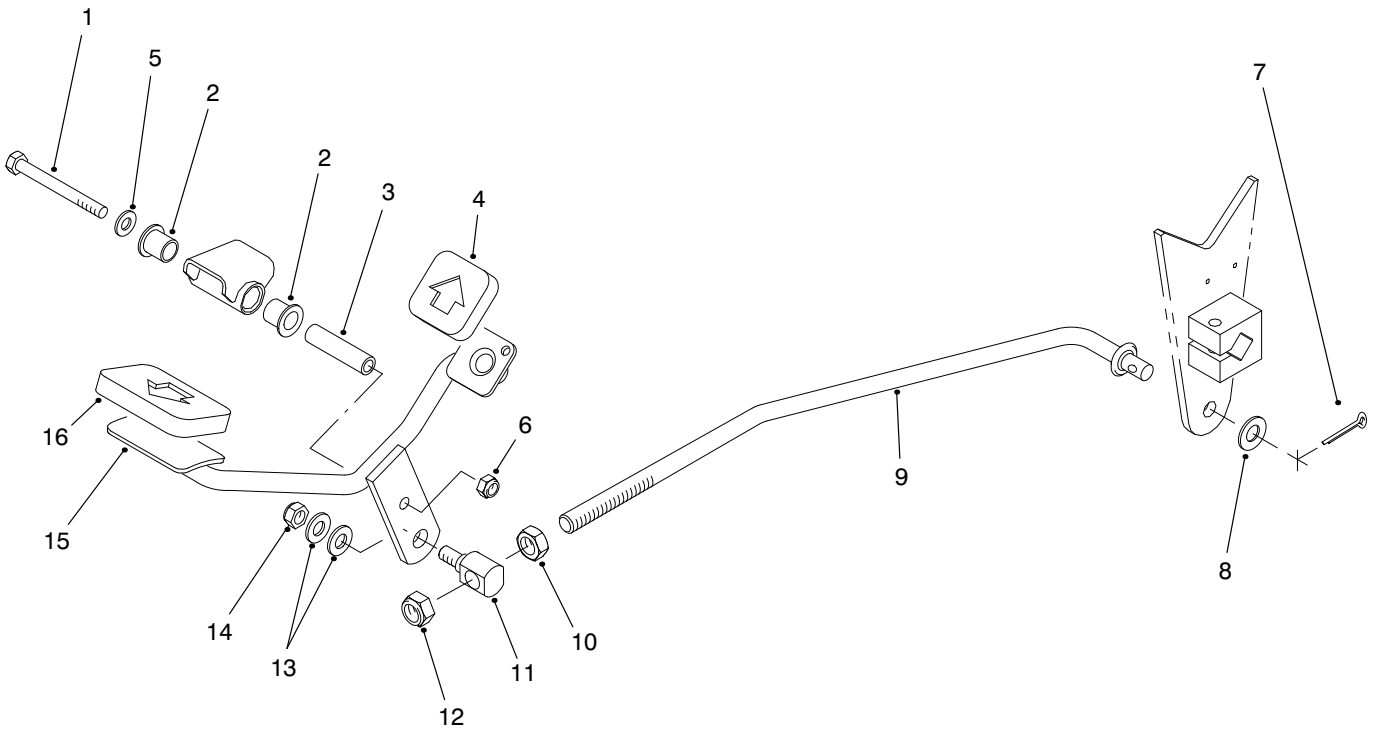
# ENGINE & MUFFLER ASM

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| †1 | 281051 | Knob–Air Cleaner | 3 |
| 2 | 98–0953 | Cover–Air Cleaner | 1 |
| 3 | 85–8360 | Seal–Cover | 1 |
| †4 | 491875 | Knob–Air Cleaner | 1 |
| †6 | 805317 | Screw–HFH | 5 |
| 7 | 33113–008 | Screw–HH | 3 |
| 8 | 3255–7 | Washer–ETLW | 3 |
| 9 | 3269–32 | Rivet–Pop | 2 |
| 10 | 95–0645 | Plate–Hot Surface | 1 |
| 11 | 95–5827 | Asm–Muffler Shield (Incl. Ref. #9 & 10) | 1 |
| 12 | 83–2230 | Screw | 4 |
| 13 | 83–2220 | Deflector–Exhaust | 1 |
| 14 | 98–0960 | Muffler | 1 |
| †15 | | Screw | 4 |
| †16 | 805024 | Gasket–Exhaust | 2 |
| 17 | 2412–98 | Clamp–Hose | 1 |
| 18 | 38–3400 | Guard–Rubber | 1 |
| 19 | 47–2964 | Hose–Fuel | 1 |
| 20 | 3296–29 | Nut–Lock | 4 |
| 21 | 88–8330 | Cable–Negative | 1 |
| 22 | 94–4519 | Cover–Cable | 1 |
| 23 | 3290–378 | Tie–Cable | 2 |
| 24 | 3254–2 | Washer–ITLW | 1 |
| 25 | 83–2420 | Cable–Positive | 1 |
| 26 | 98–0999 | Wire–Ground | 1 |
| †27 | 262949 | Shaft–Stub | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 28 | 3296–39 | Nut–Lock | 4 |
| 29 | 322–4 | Screw–HH | 8 |
| 30 | 3256–24 | Washer–Flat | 8 |
| 31 | 83–1031 | Mount–Engine | 4 |
| 32 | 3296–29 | Nut–Lock | 8 |
| 33 | 85–8600 | Support–Engine | 1 |
| 34 | 323–5 | Screw–HH | 4 |
| 35 | 323–10 | Screw–HH | 2 |
| 36 | 322–10 | Screw–HH | 2 |
| 37 | 323–11 | Screw–HH | 2 |
| 38 | 85–8640 | Base–Engine | 1 |
| †40 | 805700 | Gasket–Carburetor | 1 |
| †43 | 93847 | Screw–HH | 2 |
| †44 | 805447 | Screw–HH | 4 |
| †45 | 808034 | Asm–Screen/Spacer | 1 |
| 46 | 98–0930 | Asm–Engine | 1 |
| 47 | 75–4705 | Hose–Fuel | 1 |
| 48 | 85–8430 | Base–Air Cleaner | 1 |
| †49 | 808311 | Shield–Carburetor Inlet | 1 |
| †51 | 272490 | Element–Air Cleaner | 1 |
| †52 | 805631 | Plate–Element | 1 |
| 53 | 95–0632 | Cover | 1 |
| 54 | 3210–2 | Screw–HH | 2 |
| * | 83–2240 | Arrester–Spark (Optional) | 1 |
| 55 | 322–8 | Screw–HH | 2 |

*Not Illustrated

†Contact your local Briggs & Stratton Dealer for part replacement.

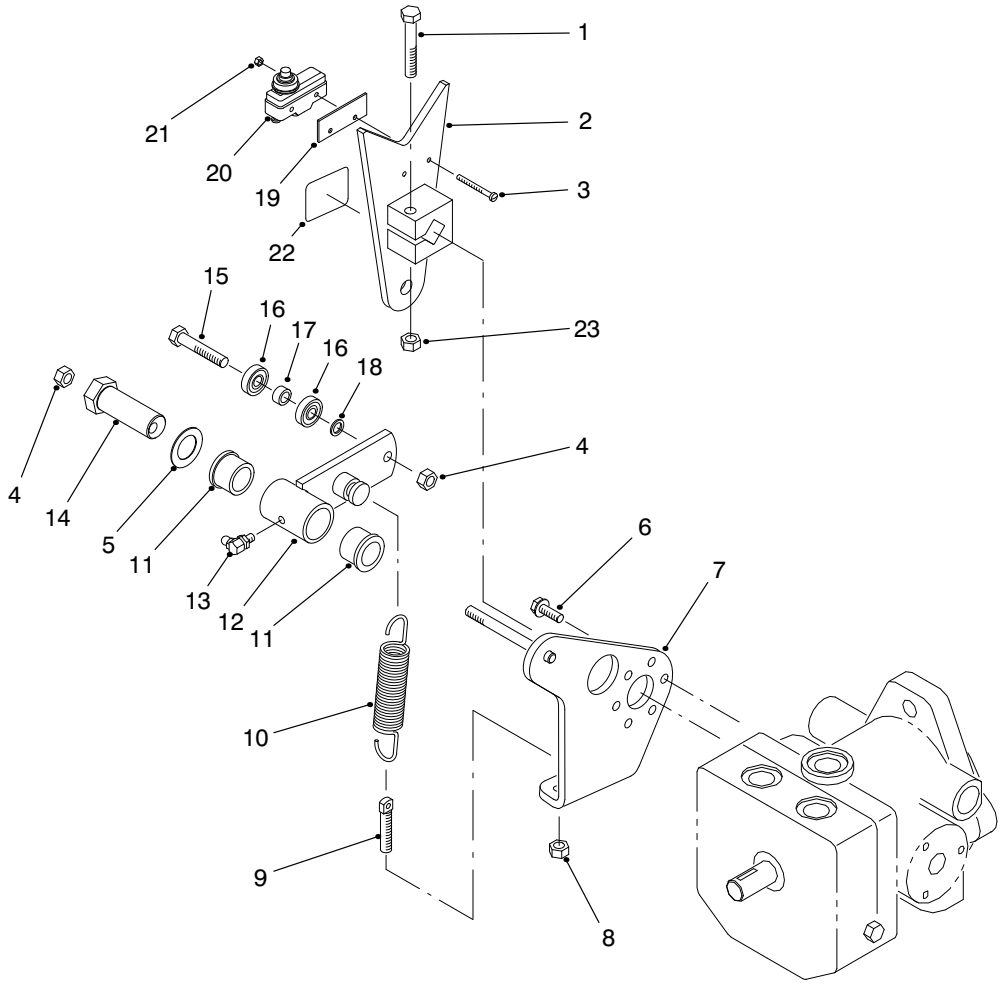



T−1476

# TRACTION PEDAL ASM

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 322−14 | Screw−HH | 1 |
| 2 | 256−219 | Bushing−Flange | 2 |
| 3 | 85−8960 | Spacer | 1 |
| 4 | 74−9110 | Pad−Reverse | 1 |
| 5 | 3256−23 | Washer−Flat | 1 |
| 6 | 3296−29 | Nut−Lock | 1 |
| 7 | 3272−16 | Pin−Cotter | 1 |
| 8 | 3256−26 | Washer−Flat | 1 |

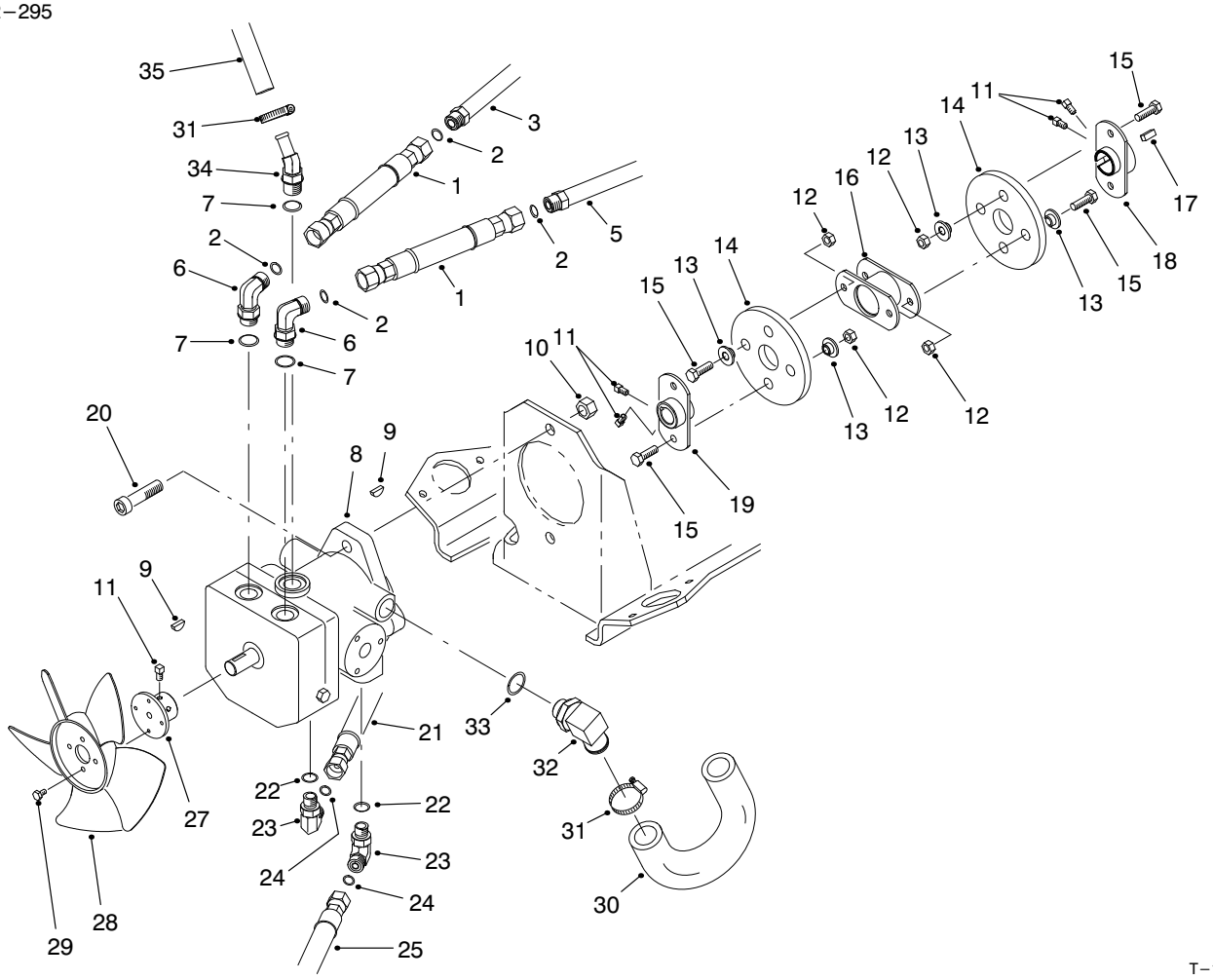
| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 9 | 85−8450 | Rod−Control | 1 |
| 10 | 3218−5 | Nut−Jam | 1 |
| 11 | 92−2344 | Trunnion | 1 |
| 12 | 3296−23 | Nut−Lock | 1 |
| 13 | 3256−24 | Washer−Flat | 2 |
| 14 | 3296−39 | Nut−Lock | 1 |
| 15 | 92−2343 | Asm−Pedal | 1 |
| 16 | 74−9100 | Pad−Forward | 1 |




# PUMP CONTROL LEVER ASM

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 323–10 | Screw–HH | 1 |
| 2 | 85–8300 | Lever–Pump | 1 |
| 3 | 32105–21 | Screw–Machine | 2 |
| 4 | 3296–29 | Nut–Lock | 2 |
| 5 | 3–6498 | Washer–Thrust | 1 |
| 6 | 49–2040 | Screw–HFH | 3 |
| 7 | 95–0553 | Plate–Pump | 1 |
| 8 | 3296–4 | Nut–Lock | 1 |
| 9 | 18–6380 | Pin–Adjusting | 1 |
| 10 | 85–9030 | Spring–Extension | 1 |
| 11 | 256–113 | Bushing–Flange | 2 |
| 12 | 85–8460 | Asm–Switch Arm (Incl. Ref. #11 & 13) | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 13 | 302–60 | Fitting–Grease | 1 |
| 14 | 76–8640 | Stud–Traction | 1 |
| 15 | 322–8 | Screw–HH | 1 |
| 16 | 251–307 | Bearing | 2 |
| 17 | 85–9120 | Spacer | 1 |
| 18 | 75–5470 | Spacer | 1 |
| 19 | 85–9150 | Plate–Switch | 1 |
| 20 | 29–6163 | Switch–Neutral | 1 |
| 21 | 3296–9 | Nut–Lock | 2 |
| 22 | 93–9051 | Decal–Eccentric Bolt | 1 |
| 23 | 3296–39 | Nut–Lock | 1 |

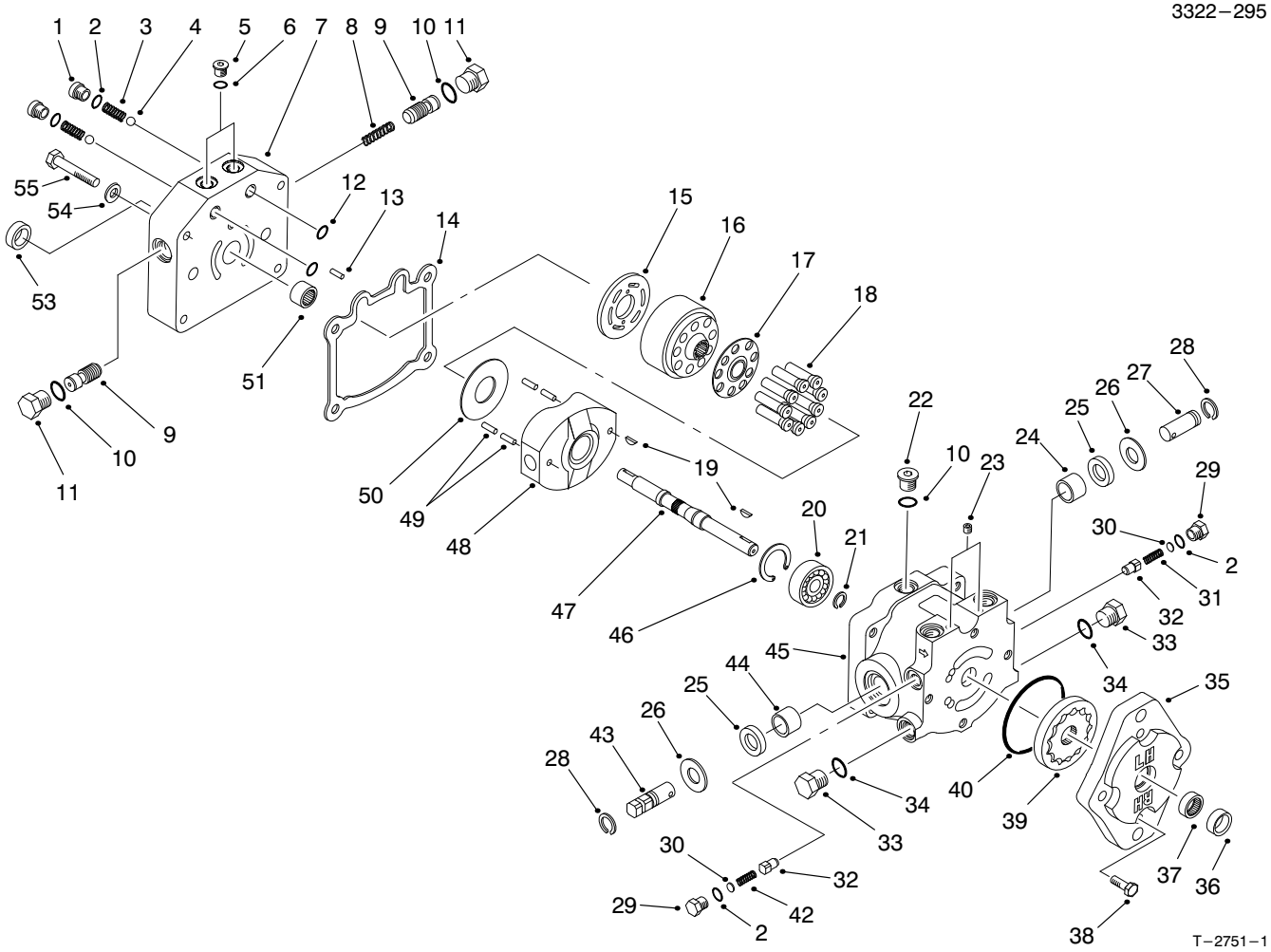



T−1475−4

# HYDRAULIC PUMP INSTALLATION ASM

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 85−9610 | Hose−Hydraulic | 2 |
| 2 | 237−30 | O−Ring | 4 |
| 3 | 98−0933 | Asm−Hydraulic Tube (Incl. Ref. #2) | 1 |
| 5 | 98−0938 | Asm−Hydraulic Tube (Incl. Ref. #2) | 1 |
| 6 | 340−98 | Fitting−Hydraulic 90˚ (Incl. Ref. #2 & 7) | 2 |
| 7 | 237−79 | O−Ring | 3 |
| 8 | 95−5842 | Asm−Hydraulic Pump (Incl. Ref. #9) | 1 |
| 9 | 3257−32 | Key−Woodruff | 2 |
| 10 | 3296−23 | Nut−Lock | 2 |
| 11 | 3241−5 | Screw−Set, Sq. Hd. | 6 |
| 12 | 3296−29 | Nut−Hex. | 8 |
| 13 | 27−6600 | Spacer−Coupler | 8 |
| 14 | 80−8650 | Coupler−Rubber | 2 |
| 15 | 322−4 | Screw−HH | 8 |
| 16 | 85−8770 | Coupling | 1 |
| 17 | 85−9020 | Key−Square | 1 |

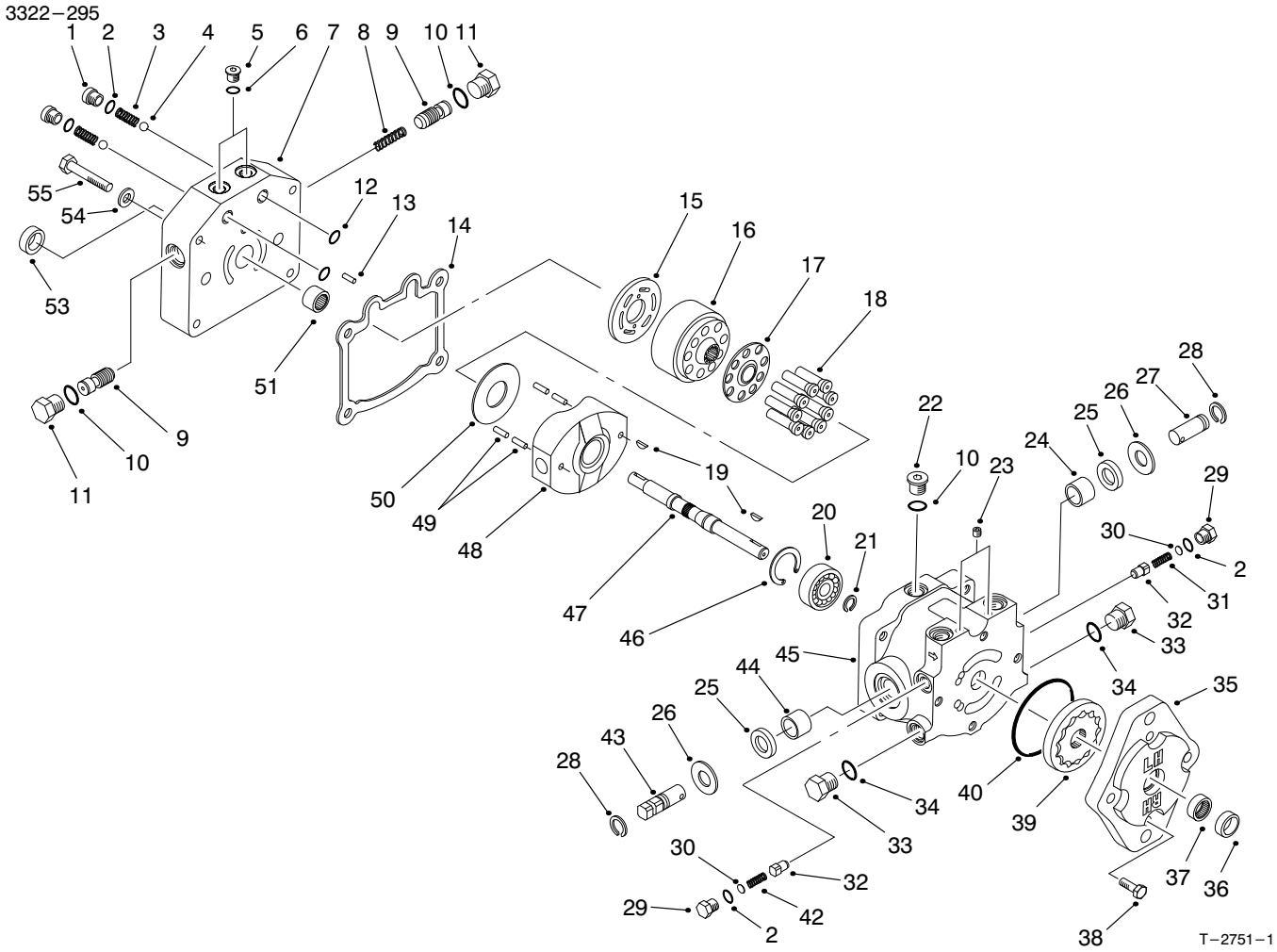
| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 18 | 85−8730 | Hub−Engine | 1 |
| 19 | 85−8700 | Hub−Pump | 1 |
| 20 | 3274−5 | Screw−HSH | 2 |
| 21 | 98−0989 | Hose−Hydraulic | 1 |
| 22 | 237−42 | O−Ring | 2 |
| 23 | 340−77 | Fitting−Hydraulic 90˚ (Incl. Ref. #22 & 24) | 2 |
| 24 | 237−22 | O−Ring | 2 |
| 25 | 85−9590 | Hose−Hydraulic | 1 |
| 27 | 85−8670 | Hub−Fan | 1 |
| 28 | 85−9560 | Fan | 1 |
| 29 | 32144−73 | Screw−HH | 4 |
| 30 | 98−0969 | Hose−Hydraulic | 1 |
| 31 | 2412−129 | Clamp−Hose | 2 |
| 32 | 95−0629 | Fitting−Hydraulic 90˚ (Incl. Ref. #33) | 1 |
| 33 | 237−80 | O−Ring | 1 |
| 34 | 354−126 | Fitting−Hydraulic 45˚ (Incl. Ref. #7) | 1 |
| 35 | 85−9450 | Hose−Hydraulic | 1 |




# HYDRAULIC PUMP ASM NO. 95–5842

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 25–2650 | Plug | 2 |
| 2 | 237–86 | O–Ring | 4 |
| 3 | 25–2640 | Spring | 2 |
| 4 | 25–2490 | Ball | 2 |
| 5 | 92–8776 | Plug (Incl. Ref. #6) | 2 |
| 6 | 92–8777 | O–Ring | 2 |
| 7 | 95–5808 | Cap–End | 1 |
| 8 | 95–5815 | Spring–Valve, Acceleration | 1 |
| 9 | 98–0920 | Valve–Acceleration | 2 |
| 10 | 237–79 | O–Ring | 3 |
| 11 | 95–5816 | Plug (Incl. Ref. #10) | 2 |
| 12 | 237–30 | O–Ring | 2 |
| 13 | 25–2430 | Pin | 1 |
| 14 | 25–2400 | Gasket–Cap, End | 1 |
| 15 | 88–8160 | Plate–Valve | 1 |
| 16 | 25–2600 | Kit–Cylinder Block (Incl. Ref. #17–18) | 1 |
| 17 | | Retainer–Slipper | 1 |
| 18 | | Asm–Piston | 9 |
| 19 | 3257–32 | Key–Woodruff | 2 |
| 20 | 95–5809 | Ball Bearing | 1 |
| 21 | 95–5813 | Ring–Retaining | 1 |
| 22 | 353–988 | Plug (Incl. Ref. #10) | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 23 | 285–17 | Plug–Pipe | 2 |
| 24 | 88–8190 | Bearing–Journal | 1 |
| 25 | 25–3210 | Seal–Lip | 2 |
| 26 | 25–2510 | Washer | 2 |
| 27 | 25–2500 | Shaft–Trunnion | 1 |
| 28 | 32151–46 | Ring–Retaining | 2 |
| 29 | 25–2460 | Plug (Incl. Ref. #2) | 2 |
| 30 | 25–2470 | Kit–Shim | 2 |
| 31 | 25–2570 | Spring | 1 |
| 32 | 83–7260 | Cone–Charge Relief | 2 |
| 33 | 88–8210 | Plug (Incl. Ref. #34) | 2 |
| 34 | 237–80 | O–Ring | 2 |
| 35 | 25–2690 | Housing–Pump, Charge | 1 |
| 36 | 67–8060 | Seal–Lip | 1 |
| 37 | 67–8050 | Bearing–Needle | 1 |
| 38 | 322–4 | Screw–HH | 4 |
| 39 | 95–5812 | Asm–Gerotor | 1 |
| 40 | 237–95 | O–Ring | 1 |
| 42 | 25–2480 | Spring | 1 |
| 43 | 88–8180 | Shaft–Trunnion | 1 |
| 44 | 252–82 | Bearing–Needle | 1 |
| 45 | 88–8170 | Asm–Housing, Variable (Incl. Ref. #24, 25, & 44) | 1 |
| 46 | 32120–11 | Ring–Retaining | 1 |

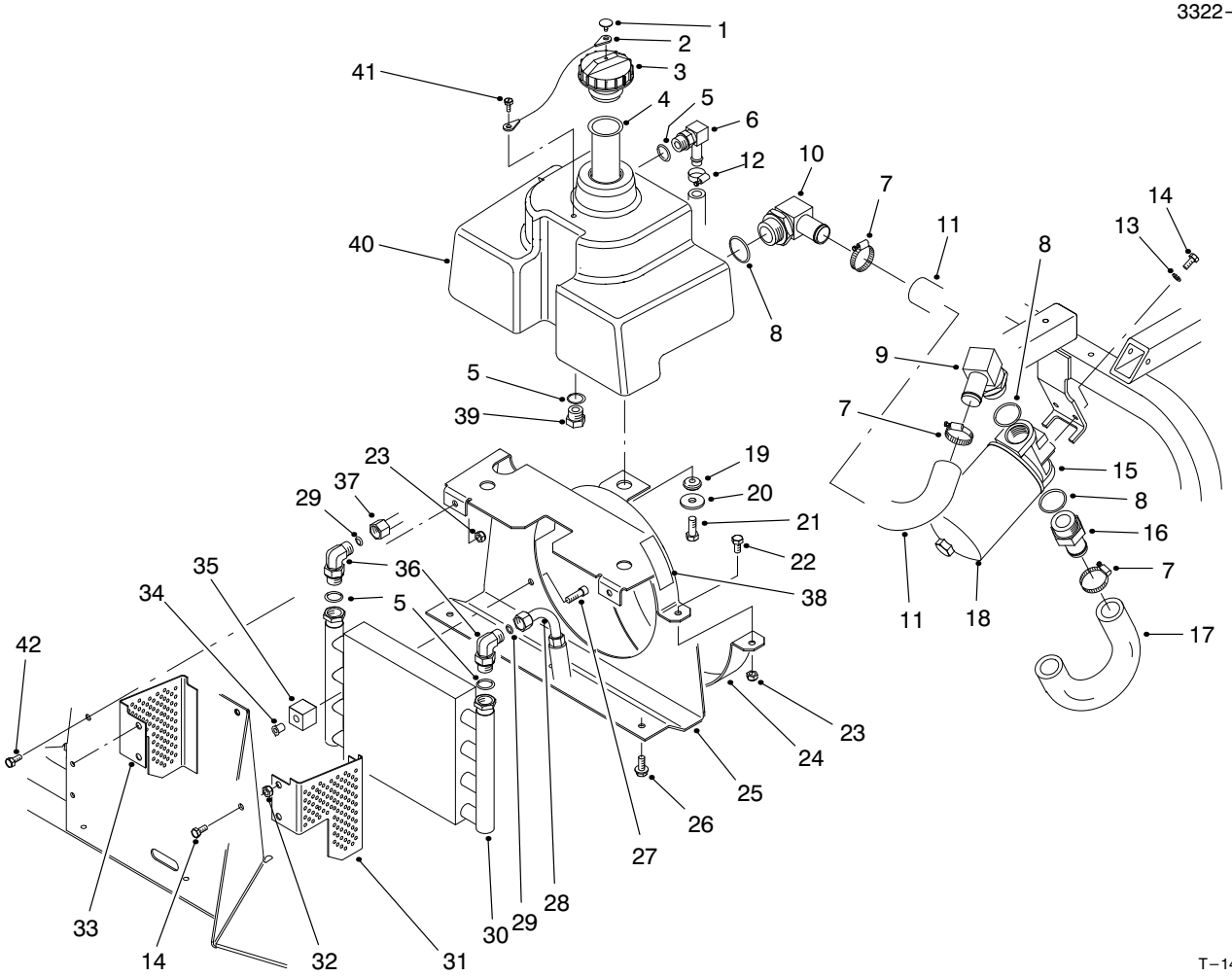



# HYDRAULIC PUMP ASM NO. 95−5842 (Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 47 | 95−5810 | Shaft | 1 |
| 48 | 25−2450 | Swashplate | 1 |
| 49 | 32121−91 | Pin−Spring | 4 |
| 50 | 25−2380 | Plate−Thrust | 1 |
| 51 | 46−8400 | Bearing−Roller | 1 |
| 53 | 88−8230 | Seal−Lip | 1 |
| 54 | | Washer | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 55 | 323−45 | Screw−HH | 4 |
| * | 25−3180 | Kit−Valve, Check (Incl. Ref. #1−4) | 1 |
| * | 49−8520 | Kit−Implement Relief (Incl. Ref. #2 & 29−32) | 1 |
| * | 49−8510 | Kit−Relief, Charge (Incl. Ref. #2, 29−30 & 41−42) | 1 |

*Not Illustrated

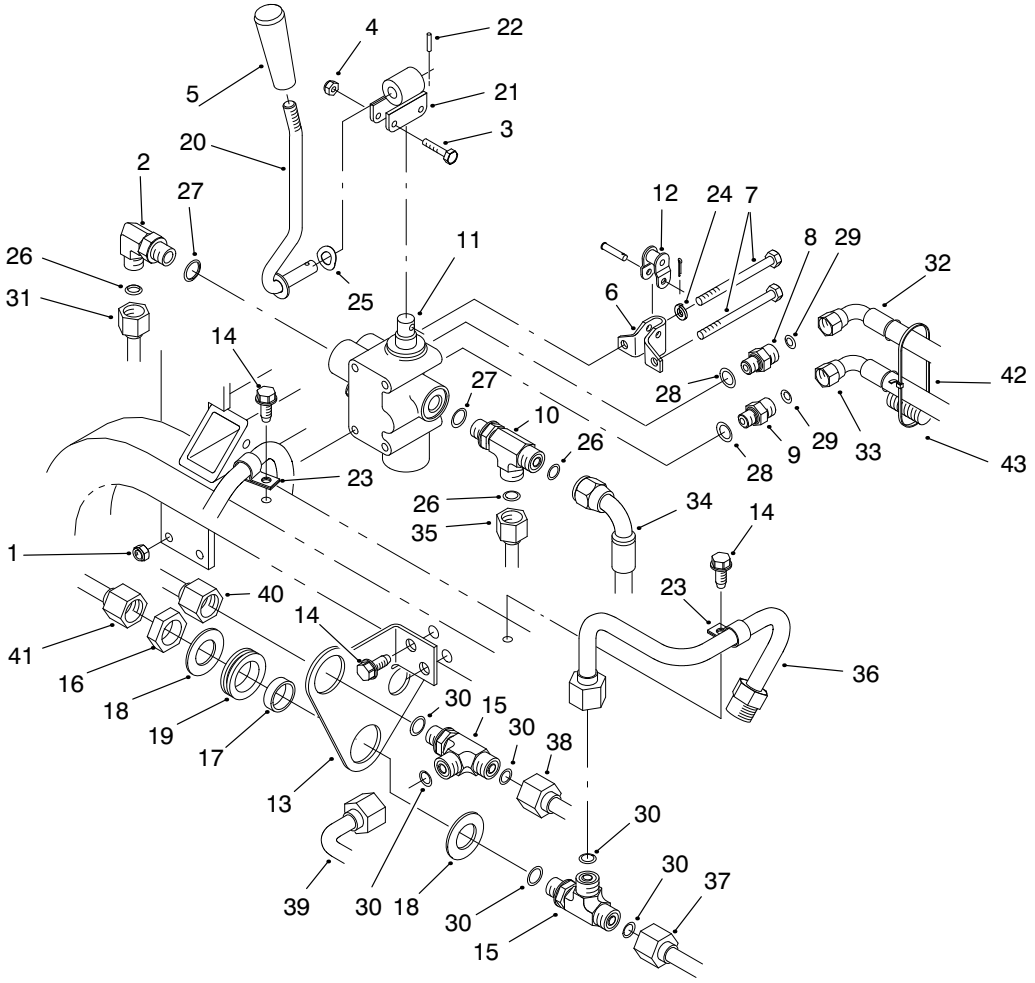



T–1473–4

# HYDRAULIC RESERVOIR ASM

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 2410–73 | Retainer–Teather | 1 |
| 2 | 75–0540 | Teather | 1 |
| 3 | 93–4365 | Asm–Reservoir Cap (Incl. Ref. #1 & 2) | 1 |
| 4 | 85–9510 | Screen–Filler | 1 |
| 5 | 237–79 | O–Ring | 4 |
| 6 | 354–120 | Fitting–Hydraulic 90° (Incl. Ref. #5) | 1 |
| 7 | 2412–129 | Clamp–Hose | 3 |
| 8 | 237–146 | O–Ring | 3 |
| 9 | 353–987 | Fitting–Hydraulic 90° (Incl. Ref. #8) | 1 |
| 10 | 98–0971 | Fitting–Hydraulic 90° (Incl. Ref. #8) | 1 |
| 11 | 98–0970 | Hose–Hydraulic | 1 |
| 12 | 2412–36 | Clamp–Hose | 1 |
| 13 | 3253–3 | Washer–Lock | 2 |
| 14 | 321–4 | Screw–HH | 6 |
| 15 | 68–8990 | Asm–Hydraulic Filter Head | 1 |
| 16 | 354–73 | Fitting–Hydraulic Straight (Incl. Ref. #8) | 1 |
| 17 | 98–0969 | Hose–Hydraulic | 1 |
| 18 | 23–9740 | Element–Hydraulic Filter | 1 |
| 19 | 240–11 | Grommet | 3 |
| 20 | 63–8410 | Washer–Flat | 3 |
| 21 | 323–5 | Screw–HH | 3 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 22 | 322–2 | Screw–HH | 2 |
| 23 | 3296–29 | Nut–Lock | 4 |
| 24 | 85–8570 | Shroud–Lower | 1 |
| 25 | 98–8151 | Asm–Cooler Mount (Incl. Ref. #38) | 1 |
| 26 | 32144–11 | Screw–HWHTF | 3 |
| 27 | 3274–86 | Screw–HSH | 2 |
| 28 | 85–9590 | Hose–Hydraulic | 1 |
| 29 | 237–22 | O–Ring | 2 |
| 30 | 85–9460 | Cooler–Oil | 1 |
| 31 | 88–8120 | Asm–Screen, L.H. (Incl. Ref. #32) | 1 |
| 32 | 32148–6 | Nut–Clinch | 4 |
| 33 | 88–8110 | Asm–Screen, R.H. (Incl. Ref. #32) | 1 |
| 34 | 85–9670 | Nut–T | 2 |
| 35 | 85–9550 | Clamp–Rubber | 2 |
| 36 | 340–18 | Fitting–Hydraulic 90° (Incl. Ref. #5 & 29) | 2 |
| 37 | 98–0987 | Tube–Hydraulic | 1 |
| 38 | 93–7272 | Decal–Caution | 2 |
| 39 | 353–550 | Plug–Hydraulic (Incl. Ref. #5) | 1 |
| 40 | 92–8959 | Reservoir–Hydraulic | 1 |
| 41 | 57–5420 | Screw–Shoulder | 1 |
| 42 | 322–3 | Screw–HH | 2 |

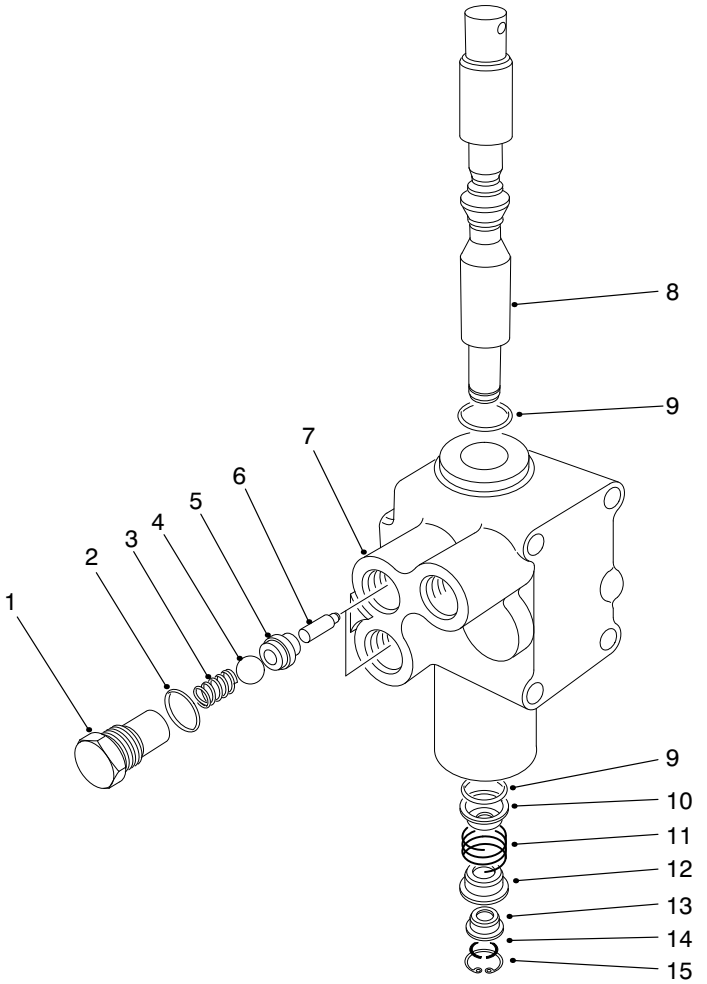



T−2793−3

# HYDRAULIC PLUMBING ASM

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 3296−8 | Nut−Lock | 3 |
| 2 | 340−77 | Fitting−Hydraulic 90° (Incl. Ref. #26 & 27) | 1 |
| 3 | 3290−360 | Screw−HH | 2 |
| 4 | 3296−2 | Nut−Lock | 2 |
| 5 | 233−39 | Knob−Lever | 1 |
| 6 | 88−8480 | Bracket−Pivot | 1 |
| 7 | 321−23 | Screw−HH | 4 |
| 8 | 95−9720 | Fitting−Hydraulic Orificed (Incl. Ref. #28 & 29) | 1 |
| 9 | 340−92 | Fitting−Hydraulic Straight (Incl. Ref. #28 & 29) | 1 |
| 10 | 340−86 | Fitting−Hydraulic Tee (Incl. Ref. #26 & 27) | 1 |
| 11 | 43−1710 | Asm−Valve | 1 |
| 12 | 2710−20 | Link−Offset | 1 |
| 13 | 98−0963 | Bracket−Bulkhead | 1 |
| 14 | 32144−11 | Screw−HWHTF | 4 |
| 15 | 340−121 | Fitting−Hydraulic Tee (Incl. Ref. #30) | 2 |
| 16 | 340−127 | Nut−Bulkhead | 2 |
| 17 | 69−8960 | Spacer | 2 |
| 18 | 69−8930 | Washer | 4 |
| 19 | 240−5 | Grommet | 2 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 20 | 99−1632 | Lever−Lift | 1 |
| 21 | 98−8159 | Pivot−Welded | 1 |
| 22 | 32121−73 | Pin−Spring | 1 |
| 23 | 2412−138 | Clamp−R | 2 |
| 24 | 3253−3 | Washer−Lock | 1 |
| 25 | 3290−477 | Washer−Curved | 1 |
| 26 | 237−22 | O−Ring | 3 |
| 27 | 237−42 | O−Ring | 2 |
| 28 | 237−78 | O−Ring | 2 |
| 29 | 237−21 | O−Ring | 2 |
| 30 | 237−30 | O−Ring | 6 |
| 31 | 98−0987 | Tube−Hydraulic | 1 |
| 32 | 85−9580 | Hose−Hydraulic | 1 |
| 33 | 85−9570 | Hose−Hydraulic | 1 |
| 34 | 98−0989 | Hose−Hydraulic | 1 |
| 35 | 98−0988 | Tube−Hydraulic | 1 |
| 36 | 98−0938 | Tube−Hydraulic | 1 |
| 37 | 98−0937 | Tube−Hydraulic | 1 |
| 38 | 98−0936 | Tube−Hydraulic | 1 |
| 39 | 98−0932 | Tube−Hydraulic | 1 |
| 40 | 98−0935 | Tube−Hydraulic | 1 |
| 41 | 98−0934 | Tube−Hydraulic | 1 |
| 42 | 3290−378 | Tie−Cable | 1 |
| 43 | 98−0994 | Harness−Wire | 1 |




T–0428

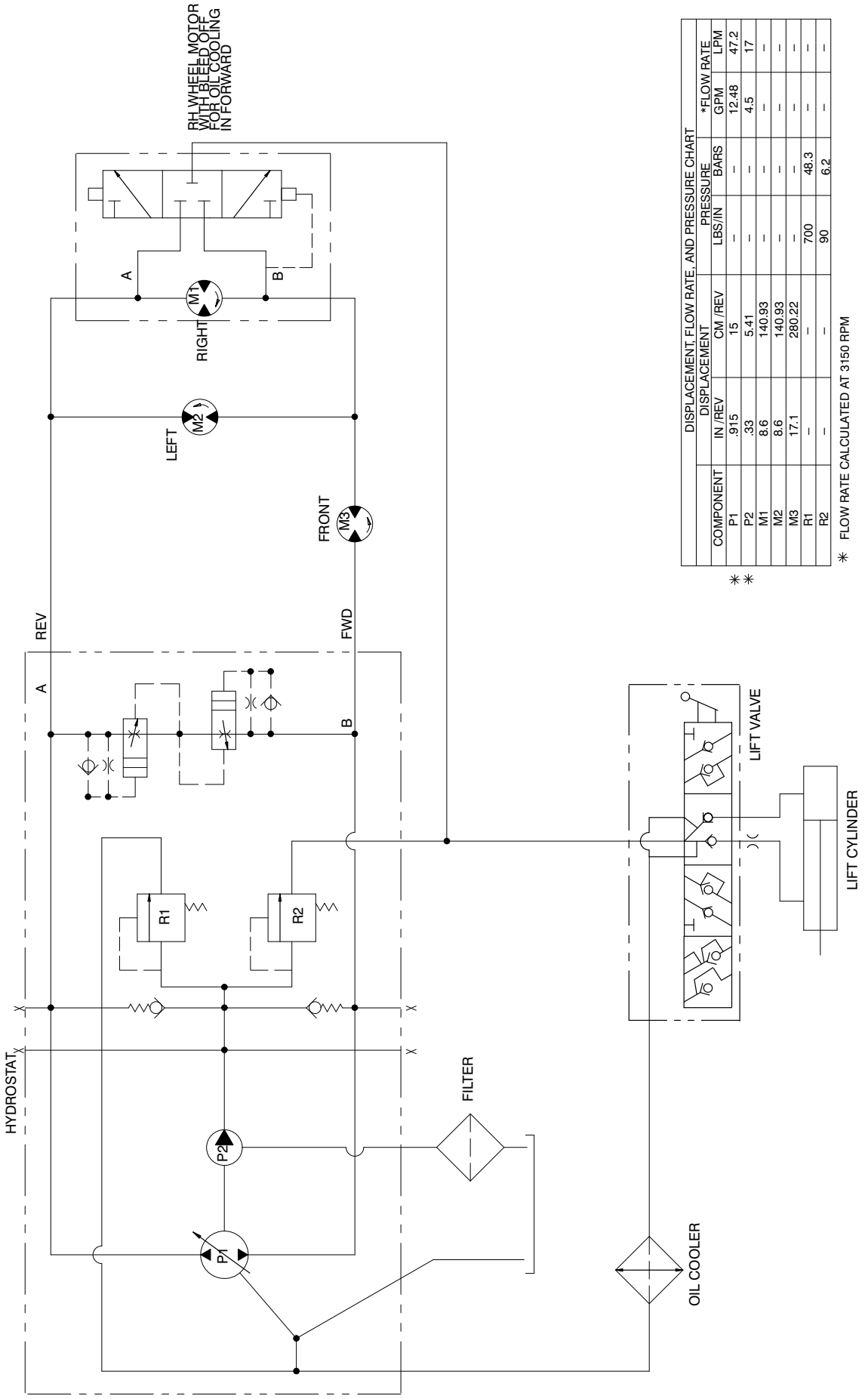
# CONTROL VALVE ASM NO. 43–1710

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 22–8330 | Plug | 2 |
| 2 | 237–42 | O–Ring | 2 |
| 3 | 22–8340 | Spring | 2 |
| 4 | 22–8350 | Ball | 2 |
| 5 | 22–8370 | Seat–Check Valve | 2 |
| 6 | 22–8360 | Pin–Cam | 2 |
| †7 | | Body | 1 |
| 8 | 22–8420 | Spool | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 9 | 22–8500 | O–Ring | 2 |
| 10 | 22–8380 | Retainer–Spring | 1 |
| 11 | 22–8410 | Spring | 1 |
| 12 | 22–8390 | Spring Retainer | 1 |
| 13 | 22–8400 | Spacer–Float | 1 |
| 14 | 22–8480 | Spring–Ring Spool | 1 |
| 15 | 22–8490 | Ring–Retaining | 1 |

†Not Serviced Separately

# HYDRAULIC SCHEMATIC



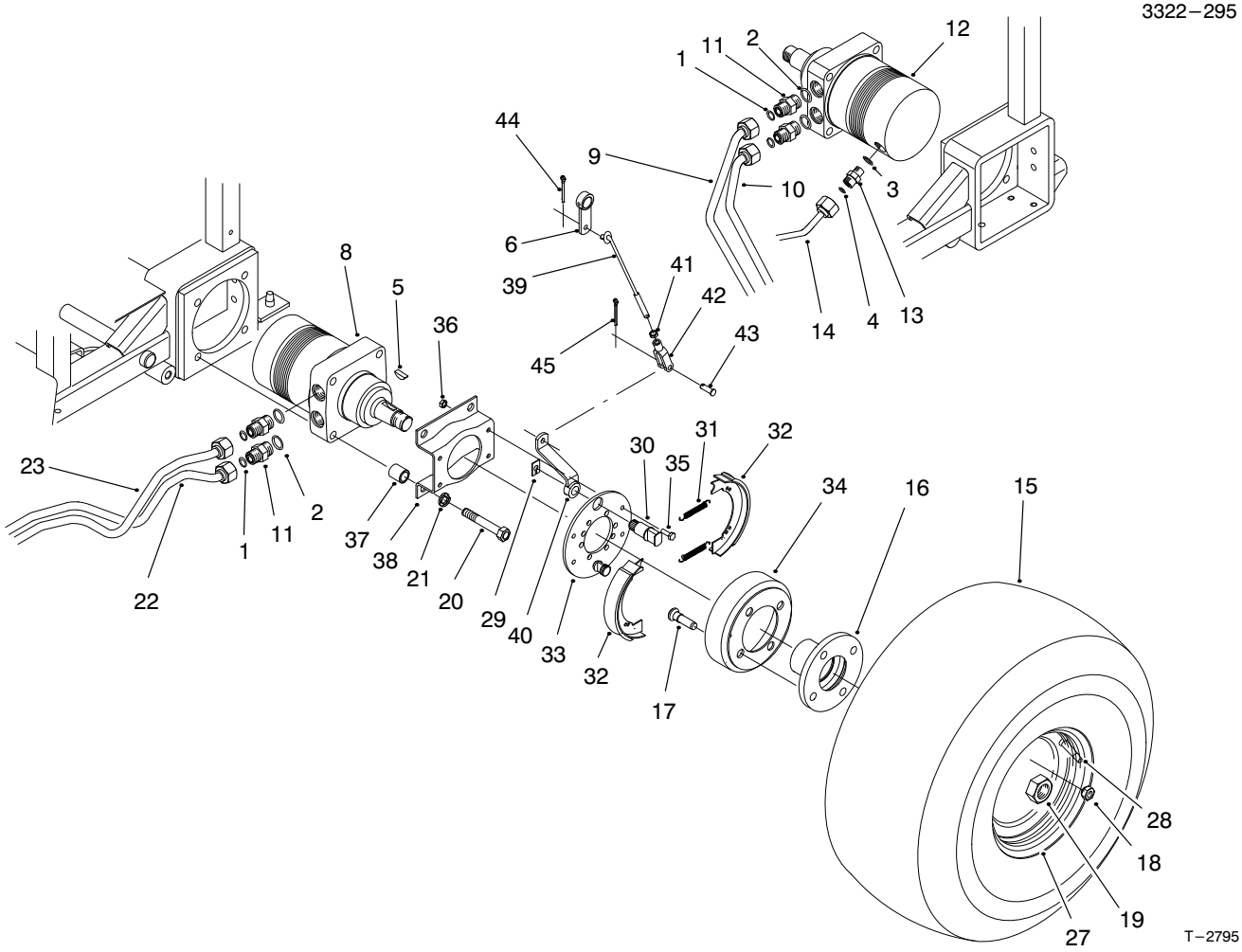

DISPLACEMENT, FLOW RATE, AND PRESSURE CHART

| COMPONENT | DISPLACEMENT IN /REV | DISPLACEMENT CM /REV | PRESSURE LBS/IN | PRESSURE BARS | *FLOW RATE GPM | *FLOW RATE LPM |
|---|---|---|---|---|---|---|
| P1 | .915 | 15 | – | – | 12.48 | 47.2 |
| P2 | .33 | 5.41 | – | – | 4.5 | 17 |
| M1 | 8.6 | 140.93 | – | – | – | – |
| M2 | 8.6 | 140.93 | – | – | – | – |
| M3 | 17.1 | 280.22 | – | – | – | – |
| R1 | – | – | 700 | 48.3 | – | – |
| R2 | – | – | 90 | 6.2 | – | – |

** 

* FLOW RATE CALCULATED AT 3150 RPM

T–2794–2

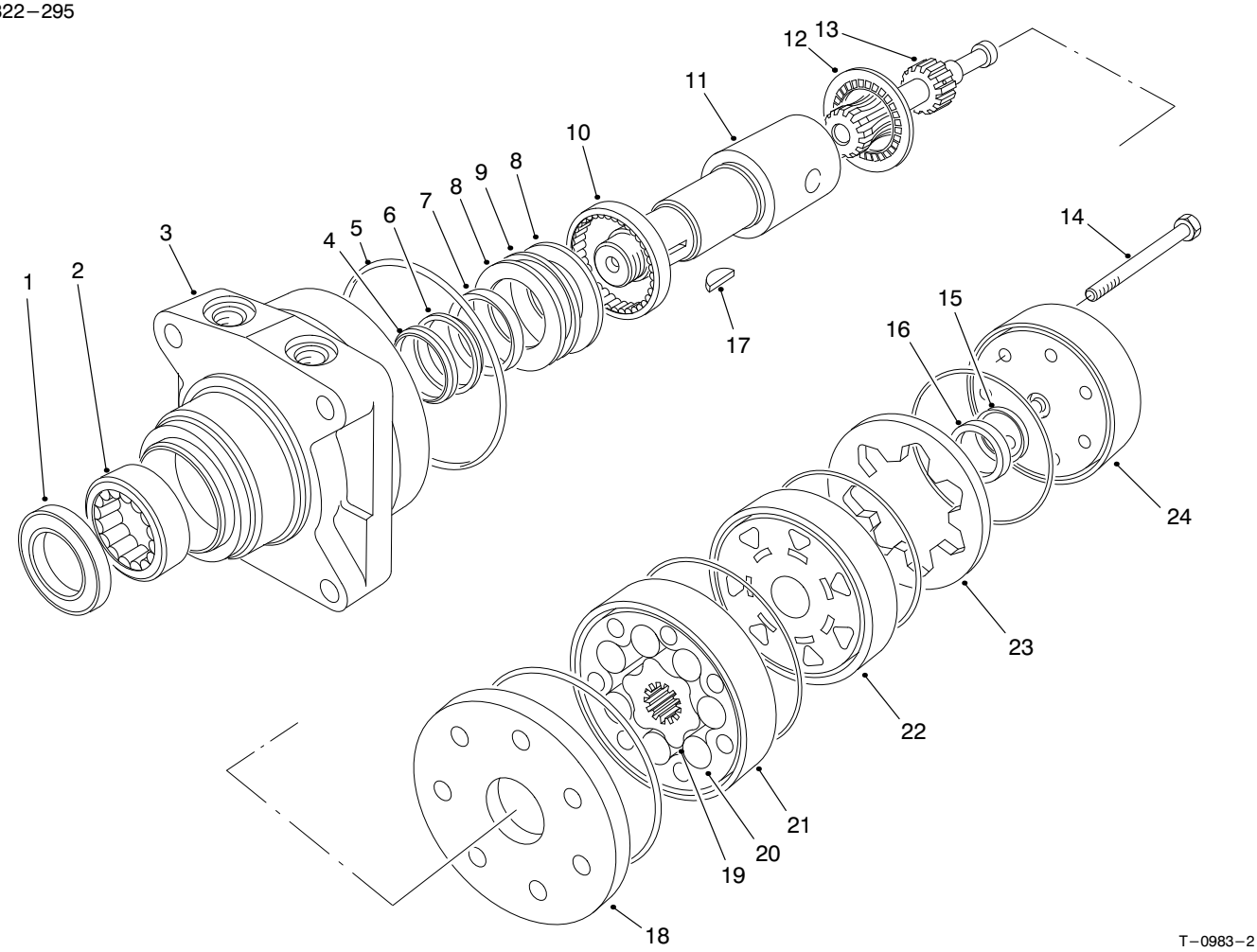



# REAR WHEEL ASM

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 237−30 | O−Ring | 4 |
| 2 | 237−80 | O−Ring | 4 |
| 3 | 237−42 | O−Ring | 1 |
| 4 | 237−22 | O−Ring | 1 |
| 5 | 3257−42 | Key−Woodruff | 1 |
| 6 | 83−9310 | Lever−Brake | 2 |
| 8 | 97−3055 | Asm−Hydraulic Motor (Incl. Ref. #5) | 1 |
| 9 | 98−0934 | Asm−Hydraulic Tube | 1 |
| 10 | 98−0935 | Asm−Hydraulic Tube | 1 |
| 11 | 340−6 | Fitting−Hydraulic Straight (Incl. Ref. #1 & 2) | 4 |
| 12 | 98−0959 | Asm−Hydraulic Motor (Incl. Ref. #5) | 1 |
| 13 | 340−2 | Fitting−Hydraulic Straight (Incl. Ref. #3 & 4) | 1 |
| 14 | 98−0988 | Asm−Hydraulic Tube | 1 |
| 15 | 85−8290 | Tire | 2 |
| * | 116973 | Tire−Turf (Optional) | 2 |
| 16 | 93−6838 | Hub−Wheel | 2 |
| 17 | 85−6540 | Stud−Drive | 8 |
| 18 | 242−50 | Nut−Lug | 8 |
| 19 | 26−3790 | Nut−Lock | 2 |
| 20 | 325−13 | Screw−HH | 8 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 21 | 3253−7 | Washer−Lock | 8 |
| 22 | 98−0937 | Asm−Hydraulic Tube | 1 |
| 23 | 98−0936 | Asm−Hydraulic Tube | 1 |
| 27 | 94−6116 | Rim | 2 |
| 28 | 232−35 | Valve−Stem | 2 |
| 29 | 70−9850 | Retainer | 2 |
| 30 | 70−9860 | Shaft−Cam | 2 |
| 31 | 70−9880 | Spring−Extension | 4 |
| 32 | 70−9840 | Shoe−Brake | 4 |
| 33 | 70−9870 | Plate−Brake Backing | 2 |
| 34 | 10−6850 | Drum−Brake | 2 |
| 35 | 321−4 | Screw−HH | 8 |
| 36 | 3296−42 | Nut−Lock | 8 |
| 37 | 92−1715 | Spacer | 8 |
| 38 | 84−2000 | Bracket−Brake | 2 |
| 39 | 95−5824 | Rod−Adjustment | 2 |
| 40 | 93−6850 | Lever−Brake | 2 |
| 41 | 3220−2 | Nut−Jam | 2 |
| 42 | 282−2 | Clevis−Adjustment | 2 |
| 43 | 283−1 | Pin−Clevis | 2 |
| 44 | 3272−6 | Pin−Cotter | 2 |
| 45 | 3272−10 | Pin−Cotter | 2 |
| * | 71−1500 | Asm−Brake (Incl. Ref. #29−33) | 2 |

*Not Illustrated



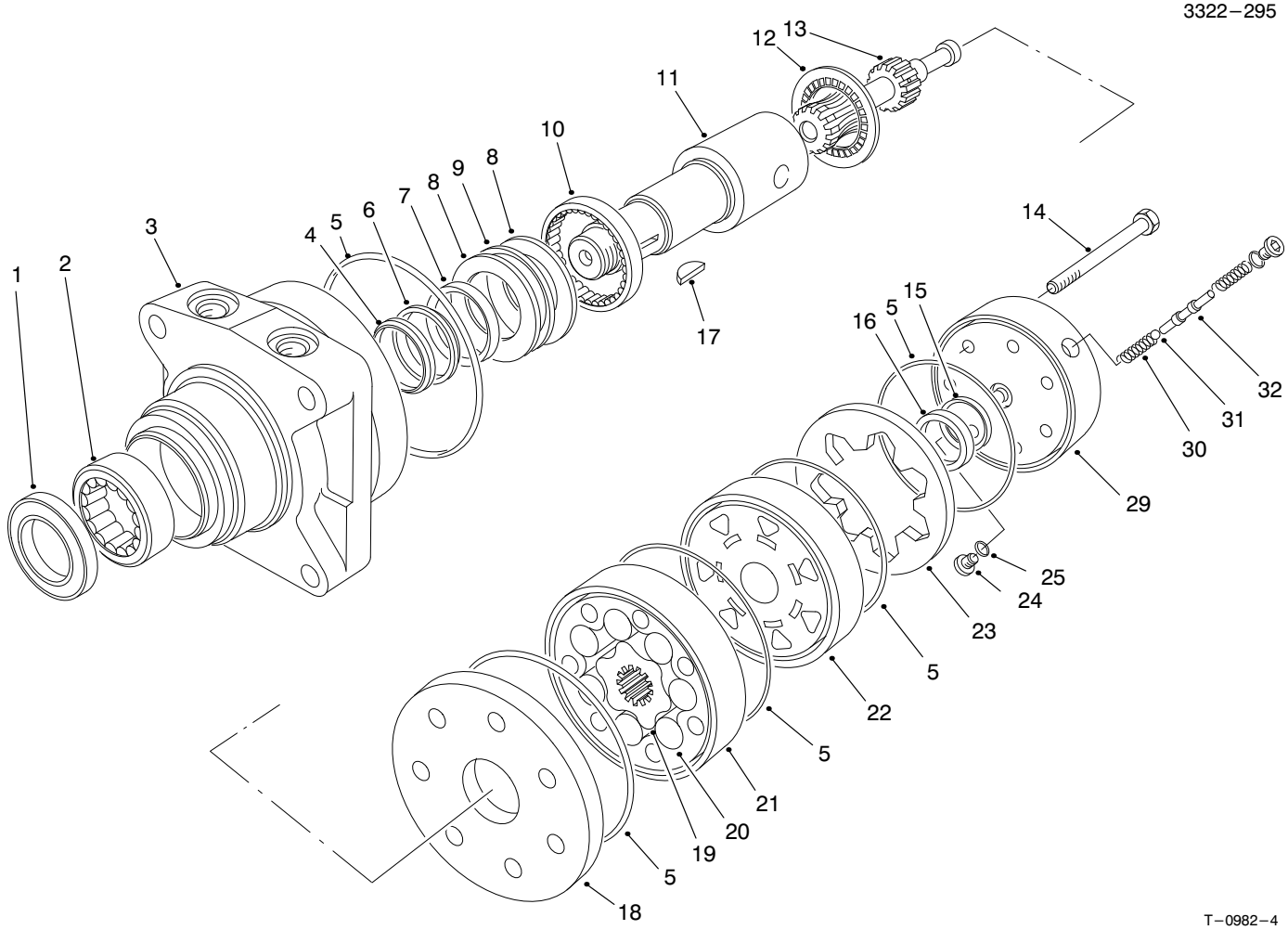

T−0983−2

# LEFT REAR HYDRAULIC MOTOR ASM NO. 97−3055

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | | Seal−Dirt & Water | 1 |
| 2 | | Bearing | 1 |
| 3 | | Housing | 1 |
| 4 | | Washer−Backup | 1 |
| 5 | | Seal−Rings | 5 |
| 6 | | Washer−Backup | 1 |
| 7 | | Seal−Inner | 1 |
| 8 | | Washer−Thrust | 2 |
| 9 | | Bearing−Thrust | 1 |
| 10 | | Bearing | 1 |
| 11 | 76−0860 | Shaft−Coupling | 1 |
| 12 | 76−0850 | Bearing−Thrust | 1 |
| 13 | | Link−Drive | 1 |
| 14 | | Screw−HH | 7 |
| 15 | | Seal−Commutator | 1 |
| 16 | | Commutator | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 17 | 3257−42 | Key−Woodruff | 1 |
| 18 | 76−0870 | Plate−Wear | 1 |
| 19 | | Rotor | 1 |
| 20 | | Vane | 7 |
| 21 | | Stator | 1 |
| 22 | 76−0840 | Manifold | 1 |
| 23 | | Ring−Commutator | 1 |
| 24 | 76−0940 | Asm−Cover, End | 1 |
| * | | Rotor Set (Incl. Ref. #19−21) | 1 |
| * | 76−0880 | Asm−Commutator (Incl. Ref. #15, 16 & 23) | 1 |
| * | 94−8178 | Kit−Seal (Incl. Ref. #1, 4−7 & 15) | 1 |
| * | 76−0810 | Asm−Housing (Incl. Ref. #2, 3 & 8−10) | 1 |

*Not Illustrated

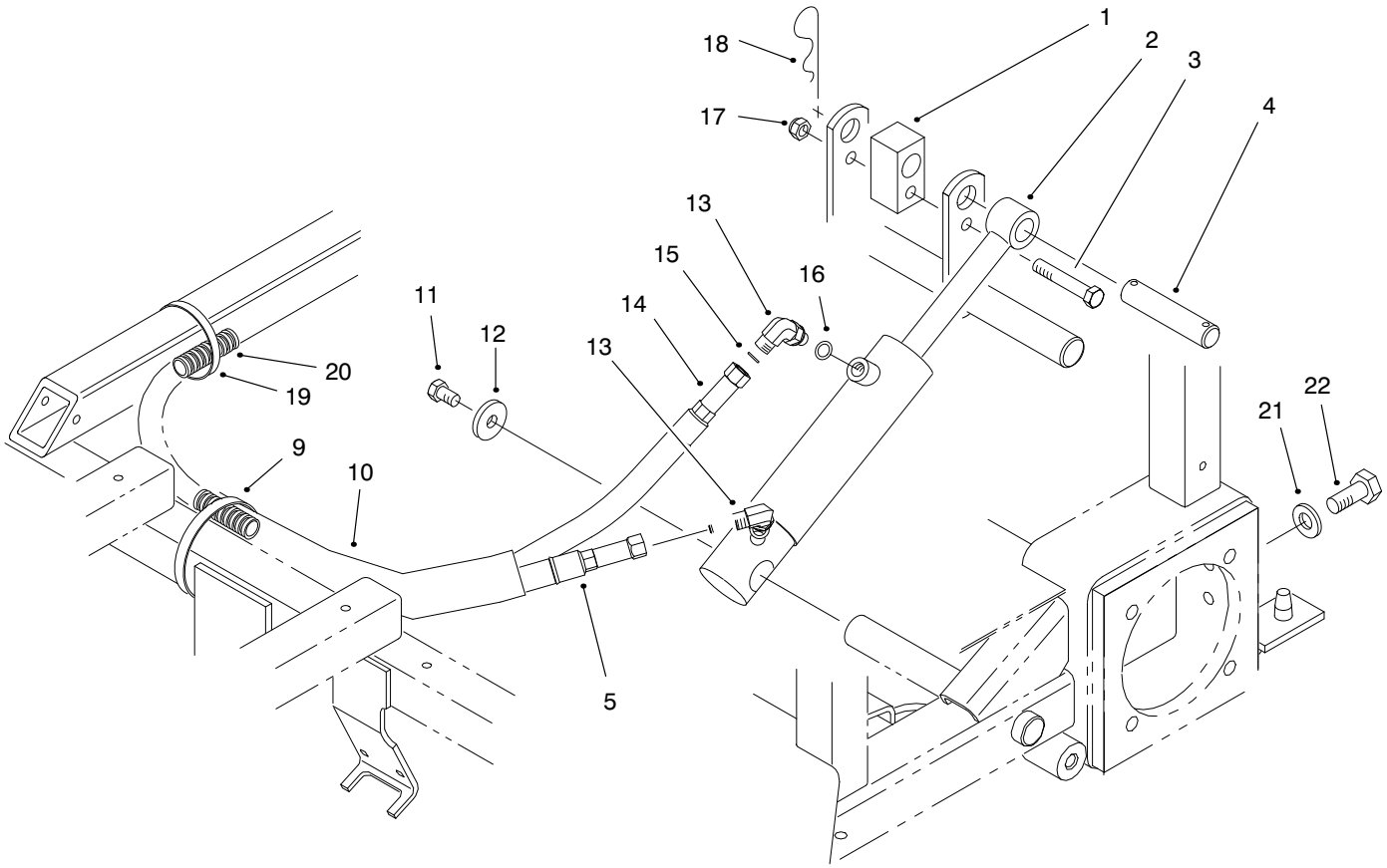



# RIGHT REAR HYDRAULIC MOTOR
# ASM NO. 98–0959

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | | Seal–Dirt & Water | 1 |
| 2 | | Bearing | 1 |
| 3 | | Housing | 1 |
| 4 | | Washer–Backup | 1 |
| 5 | | Seal–Rings | 5 |
| 6 | | Washer–Backup | 1 |
| 7 | | Seal–Inner | 1 |
| 8 | | Washer–Thrust | 2 |
| 9 | | Bearing–Thrust | 1 |
| 10 | | Bearing | 1 |
| 11 | 76–0860 | Shaft–Coupling | 1 |
| 12 | 76–0850 | Bearing–Thrust | 1 |
| 13 | | Link–Drive | 1 |
| 14 | | Screw–HH | 7 |
| 15 | | Seal–Commutator | 1 |
| 16 | | Commutator | 1 |
| 17 | 3257–42 | Key–Woodruff | 1 |
| 18 | 76–0870 | Plate–Wear | 1 |
| 19 | | Rotor | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 20 | | Vane | 7 |
| 21 | | Stator | 1 |
| 22 | | Manifold | 1 |
| 23 | | Ring–Commutator | 1 |
| 24 | 353–990 | Plug | 2 |
| 25 | | O–Ring | 2 |
| 29 | 76–0890 | Asm–Cover End (Incl. Ref. #24–25 & 30–32) | 1 |
| 30 | | Spring | 2 |
| 31 | | Ball | 1 |
| 32 | | Valve–Shuttle | 1 |
| * | | Rotor Set (Incl. Ref. #19–21) | 1 |
| * | 76–0880 | Asm–Commutator (Incl. Ref. #15, 16 & 23) | 1 |
| * | 94–8178 | Kit–Seal (Incl. Ref. #1, 4–7 & 15) | 1 |
| * | 76–0810 | Asm–Housing (Incl. Ref. #2, 3 & 8–10) | 1 |

*Not Illustrated

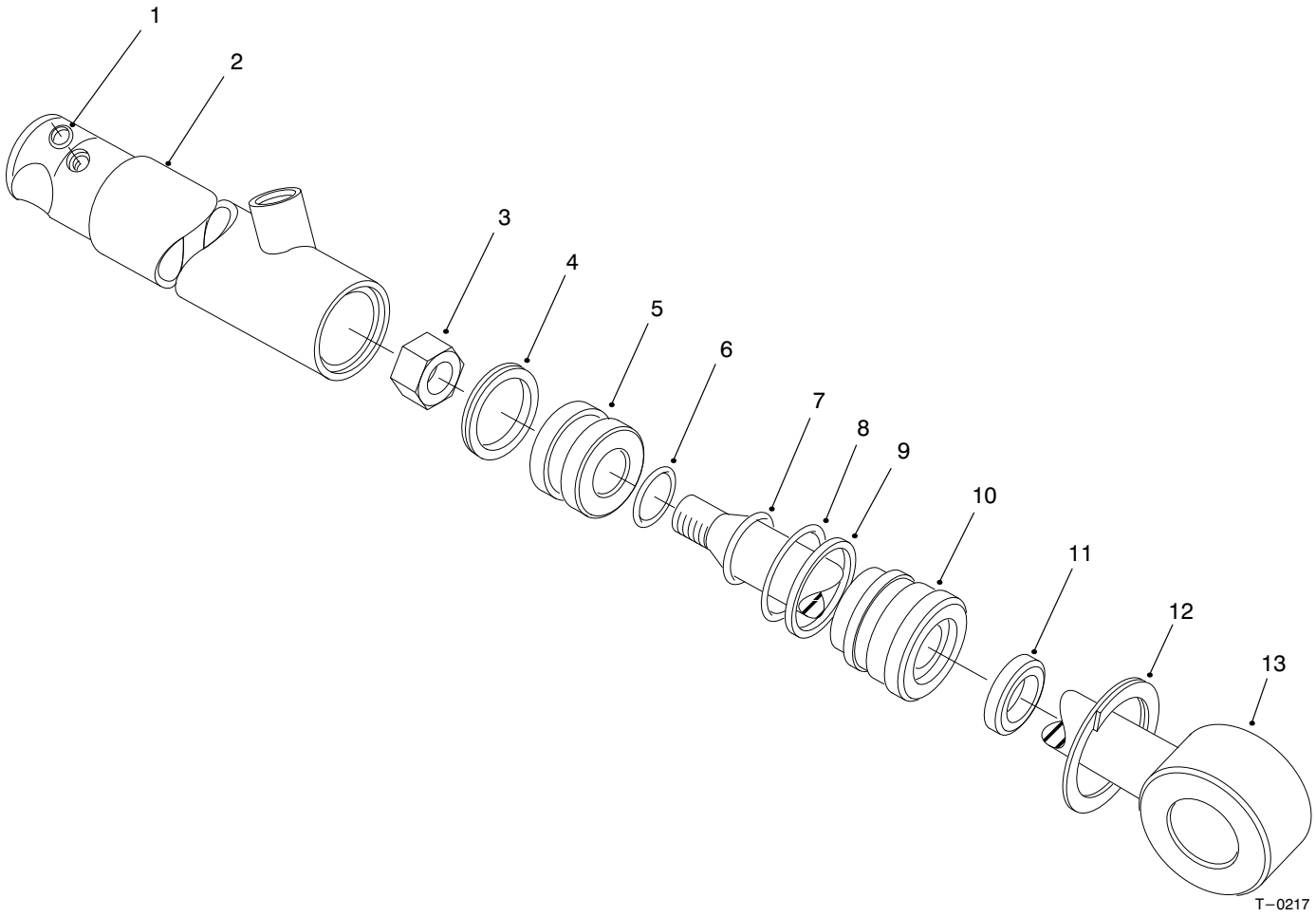



T–2752–3

# LIFT ASM

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 85–9160 | Spacer | 1 |
| 2 | 83–7000 | Asm–Cylinder | 1 |
| 3 | 323–11 | Screw–HH | 1 |
| 4 | 85–9170 | Pin–Cylinder | 1 |
| 5 | 85–9580 | Hose–Hydraulic | 1 |
| 9 | 3334–945 | Tie–Cable | 1 |
| 10 | 56–7981 | Sleeve–Protective | 1 |
| 11 | 323–34 | Screw–HH | 1 |
| 12 | 53–6380 | Washer | 1 |
| 13 | 340–142 | Fitting–Hydraulic 90˚ (Incl. Ref. #15 & 16) | 2 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 14 | 85–9570 | Hose–Hydraulic | 1 |
| 15 | 237–21 | O–Ring | 2 |
| 16 | 237–78 | O–Ring | 2 |
| 17 | 3296–39 | Nut–Lock | 1 |
| 18 | 3290–256 | Pin–Hair | 2 |
| 19 | 3290–379 | Tie–Wire | 1 |
| 20 | 98–0994 | Harness–Wire | 1 |
| 21 | 3256–26 | Washer–Flat | 4 |
| 22 | 325–5 | Screw–HH | 4 |

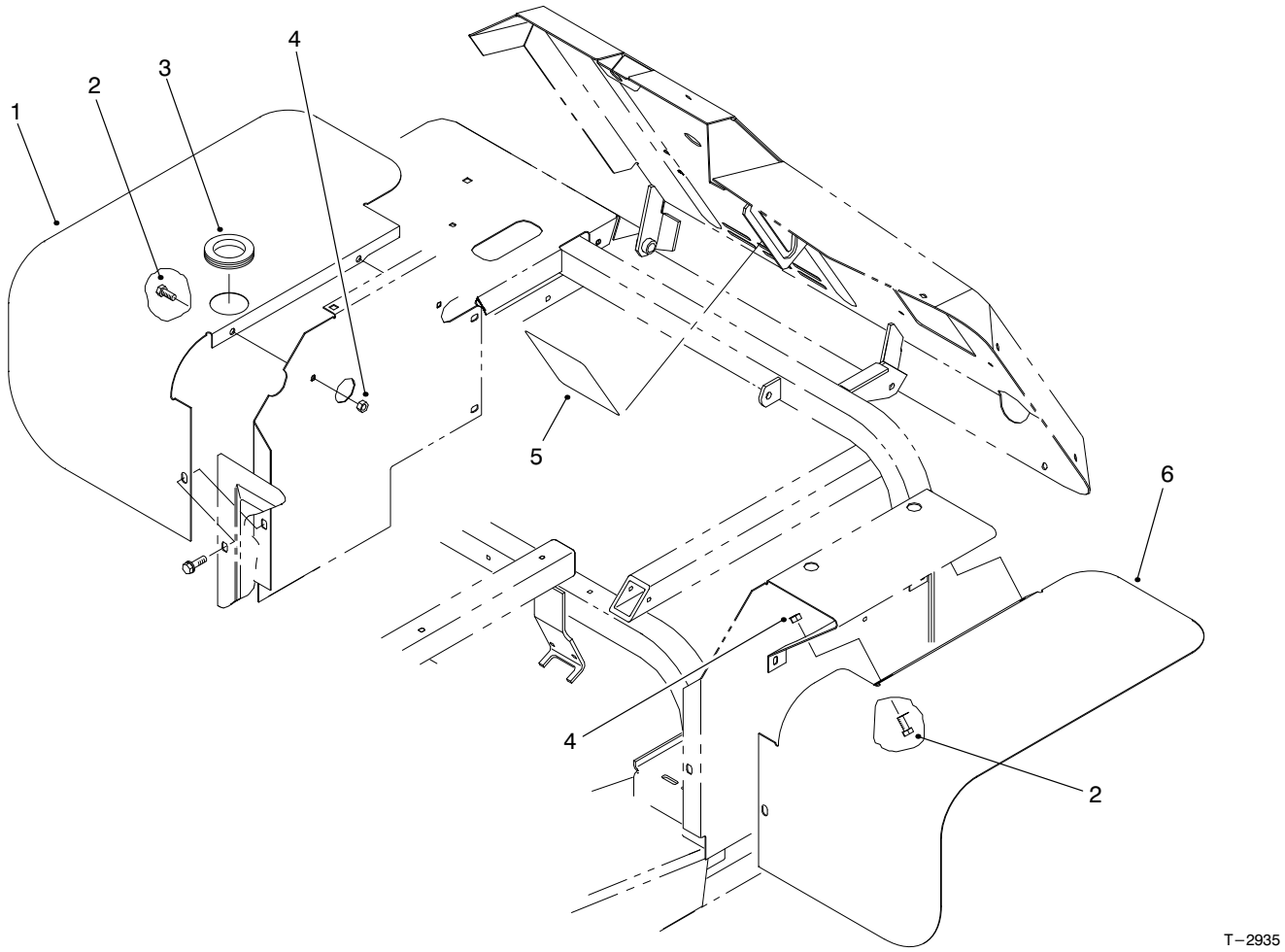



# HYDRAULIC LIFT CYLINDER ASM NO. 83–7000

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 237–78 | O–Ring | 2 |
| 2 | 43–5260 | Barrel w/Clevis & Ports | 1 |
| 3 | 32152–10 | Nut | 1 |
| 4 | | Uniring–Grooved | 1 |
| 5 | 70–2780 | Piston | 1 |
| 6 | | O–Ring | 1 |
| 7 | | Poly–Pack | 1 |
| 8 | | O–Ring | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 9 | | Back–Up | 1 |
| 10 | 70–2770 | Head | 1 |
| 11 | | Seal–Dust | 1 |
| 12 | 43–5220 | Ring–Retaining | 1 |
| 13 | 43–5230 | Shaft with Clevis | 1 |
| 14 | 83–7250 | Kit–Seal Repair (Incl. Ref. #4, 6–9 & 11) | 1 |

3322−295

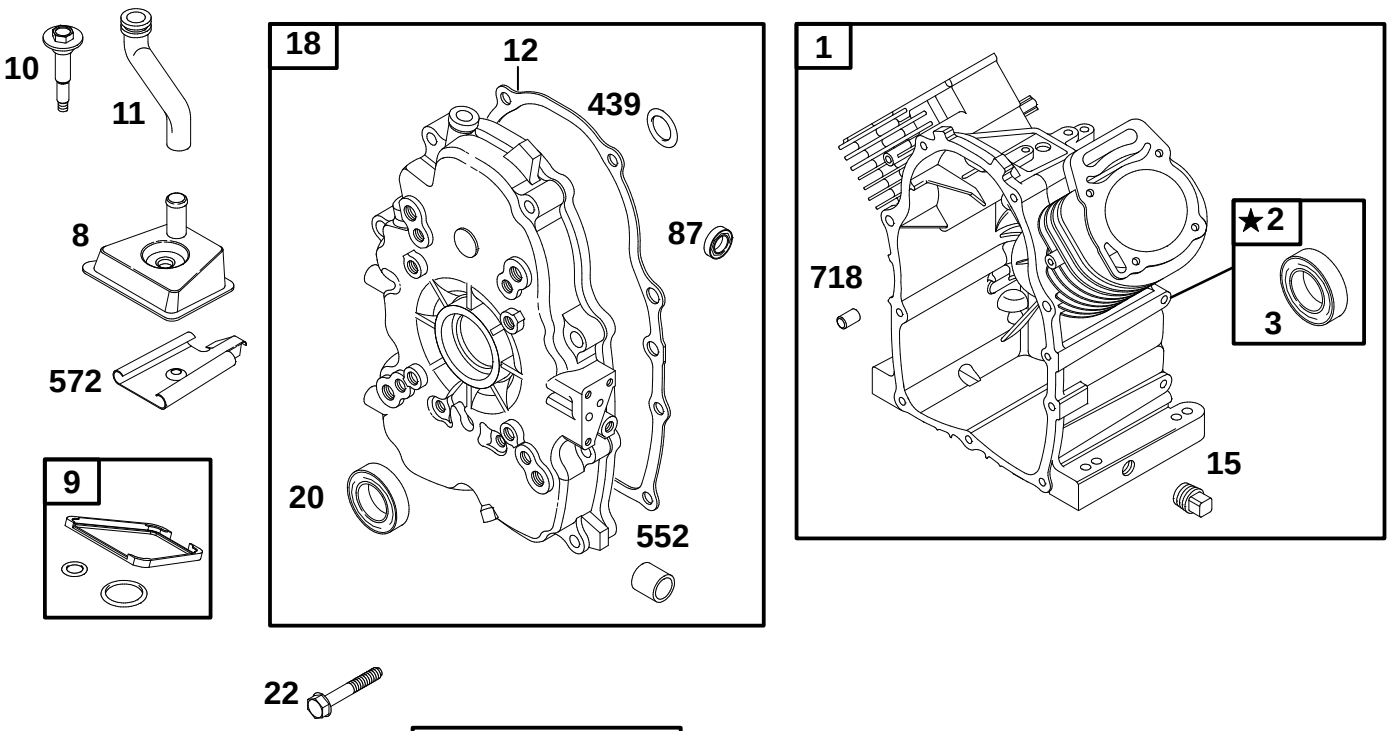



T−2935

# FENDER ASM−EUROPE

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 98−0997 | Fender−RH | 1 |
| 2 | 322−3 | Screw−HH | 4 |
| 3 | 240−2 | Grommet | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 4 | 3296−29 | Nut−Lock | 4 |
| 5 | 93−9081 | Decal−Blank | 1 |
| 6 | 98−0998 | Fender−LH | 1 |




**1019 LABEL KIT**

**1058 OWNER'S MANUAL**

**★ REQUIRES SPECIAL TOOLS TO INSTALL. SEE REPAIR INSTRUCTION MANUAL.**

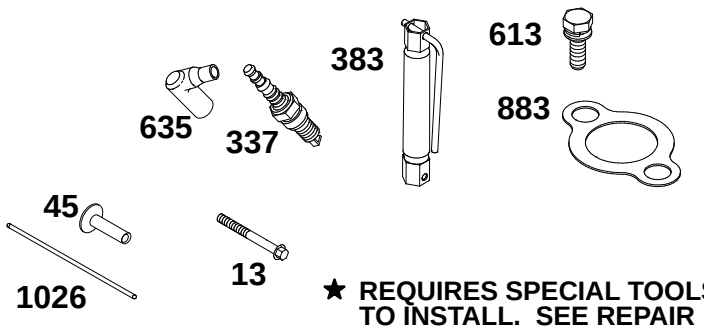
Assemblies include all parts shown in frames.

# ENGINE BRIGGS & STRATTON MODEL 350447–1116–E1

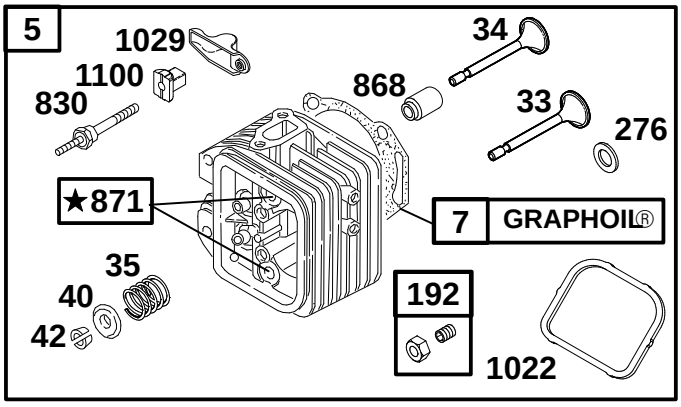
| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 808441 | Cylinder Assembly | 1 |
| 2 | 808534 | Bushing | 1 |
| ★3 | 805101 | Seal–Oil | 1 |
| 8 | 807795 | Breather Assembly | 1 |
| ★9 | 807688 | Gasket–Breather | 1 |
| 10 | 805751 | Screw (Breather Assembly) | 1 |
| 11 | 806083 | Tube–Breather | 1 |
| ★12 | 806190 | Gasket–Crankcase | 1 |
| 15 | 94239 | Plug–Oil Drain | 1 |
| 18 | 808502 | Cover–Crankcase | 1 |

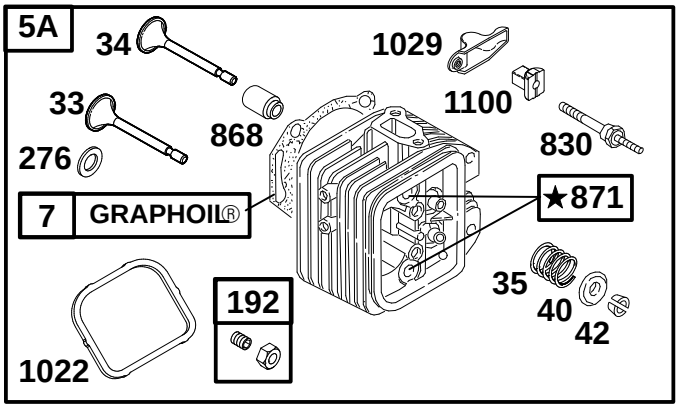
| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| ★20 | 805049 | Seal–Oil | 1 |
| 22 | 805696 | Screw (Crankcase Cover) | 1 |
| 87 | 805054 | Gear Reduction Oil Seal | 1 |
| ★439 | 806191 | Seal–O-Ring | 1 |
| 552 | 805412 | Bushing–Governor Shaft | 1 |
| 572 | 805197 | Breather Baffle | 1 |
| 718 | 805103 | Pin Locating | 1 |
| 1019 | 808036 | Label Kit | 1 |
| 1058 | 273685 | Owner's Manual | 1 |

★ Included in Gasket Set–Part No. 808389




★ REQUIRES SPECIAL TOOLS TO INSTALL. SEE REPAIR INSTRUCTION MANUAL.



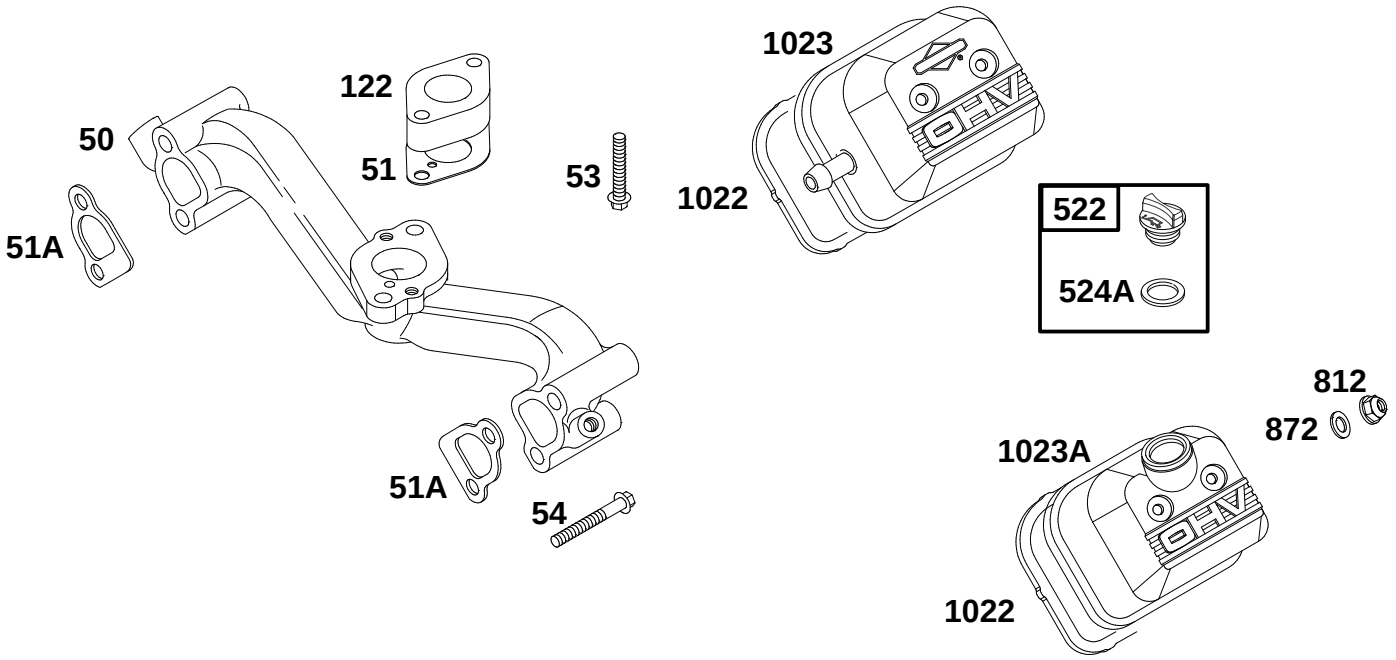

Assemblies include all parts shown in frames.

# ENGINE BRIGGS & STRATTON MODEL 350447–1116–E1

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 5 | 808383 | Head–Cylinder (No. 1) | 1 |
| 5A | 808384 | Head–Cylinder (No. 2) | 1 |
| ★Δ7 | 806086 | Gasket–Cylinder Head | 1 |
| 13 | 805097 | Screw (Cylinder Head) | 1 |
| 33 | 807681 | Valve–Exhaust | 1 |
| 34 | 807680 | Valve–Intake | 1 |
| 35 | 805937 | Spring–Valve | 1 |
| 40 | 805092 | Retainer–Valve | 1 |
| 42 | 807683 | Retainer–Valve | 1 |
| 45 | 262679 | Tappet–Valve | 1 |
| 192 | 807623 | Screw (Valve Adj.) | 1 |
| ★Δ276 | 805420 | Sealing Washer | 1 |
| 337 | 496018 | Plug–Spark | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 383 | 19374 | Wrench–Spark Plug | 1 |
| 613 | 805158 | Screw (Exhaust Manifold) | 1 |
| 635 | 805529 | Boot–Spark Plug | 1 |
| 830 | 806037 | Stud (Rocker Arm) | 1 |
| 868 | 805094 | Seal–Valve | 1 |
| 871 | 805084 | Bushing–Guide | 1 |
| 883 | 805024 | Gasket–Exhaust | 1 |
| ★Δ1022 | 806039 | Gasket–Rocker Cover | 1 |
| 1026 | 805352 | Rod–Push (Steel Intake) | 1 |
| 1026 | 805617 | Rod–Push (Aluminum–Exhaust) | 1 |
| 1029 | 806036 | Rocker Arm | 1 |
| 1100 | 806038 | Rocker Arm Pivot | 1 |

★ Included in Gasket Set–Part No. 808389
Δ Included in Valve Overhaul Kit–Part No. 808391



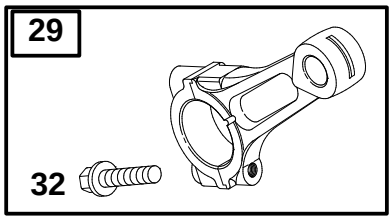

Assemblies include all parts shown in frames.

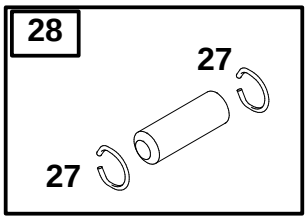
# ENGINE BRIGGS & STRATTON MODEL 350447–1116–E1

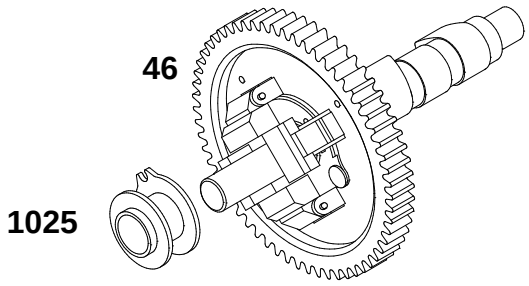
| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 50 | 805772 | Manifold–Intake | 1 |
| ★51 | 805700 | Gasket–Intake | 1 |
| ★Δ51A | 805023 | Gasket–Intake | 1 |
| 53 | 805466 | Screw (Carburetor) | 1 |
| 54 | 805006 | Screw (Intake Manifold) | 1 |
| 122 | 805673 | Spacer–Carburetor | 1 |

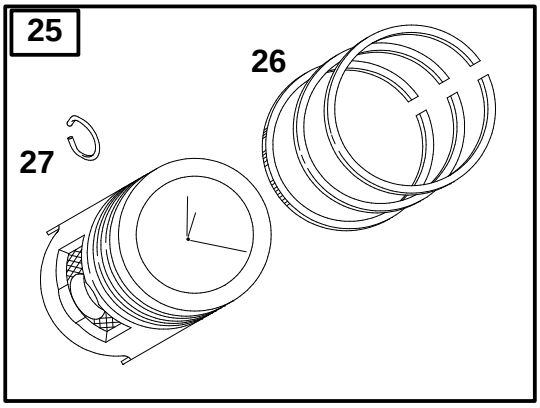
| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| ★Δ872 | 805420 | Washer (Rocker Cover) | 1 |
| 522 | 491832 | Dipstick–Fill Plug | 1 |
| 524A | 271983 | Seal–Filler Plug | 1 |
| Δ812 | 805019 | Nut (Rocker Cover) | 1 |
| ★Δ1022 | 806039 | Gasket–Rocker Cover | 1 |
| 1023 | 805100 | Cover–Rocker | 1 |
| 1023A | 808032 | Cover–Rocker | 1 |

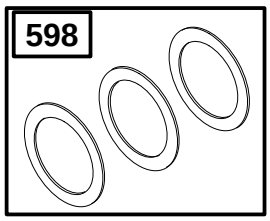
★ Included in Gasket Set–Part No. 808389
Δ Included in Valve Overhaul Kit–Part No. 808391



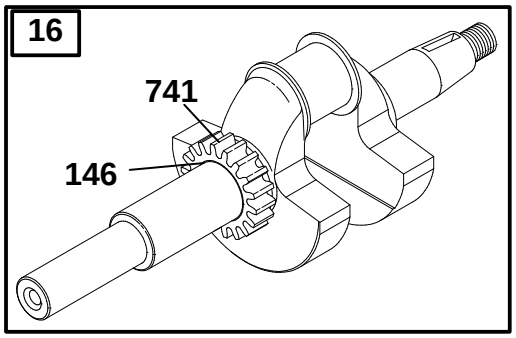







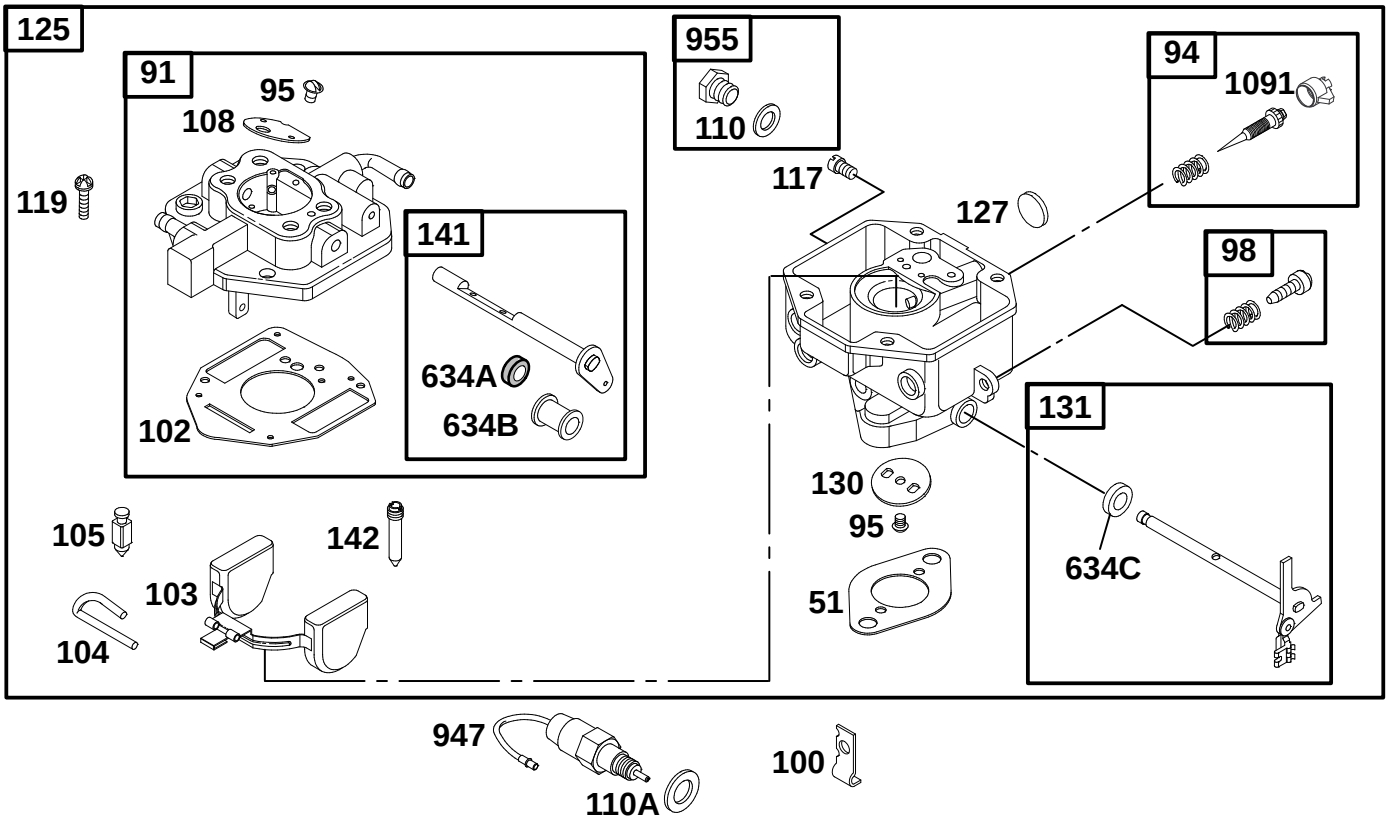



Assemblies include all parts shown in frames.

# ENGINE BRIGGS & STRATTON MODEL 350447–1116–E1

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 16 | 692089 | Crankshaft | 1 |
| 17 | 805754 | Bearing–Ball | 1 |
| 25 | 808326 | Piston Assembly (Standard) | 1 |
| 25 | 808336 | Piston Assy. (.010” Oversize) | 1 |
| 25 | 808337 | Piston Assy. (.020” Oversize) | 1 |
| 25 | 808338 | Piston Assy. (.030” Oversize) | 1 |
| 26 | 807889 | Ring Set (Standard) | 1 |
| 26 | 807994 | Ring Set (.010” Oversize) | 1 |
| 26 | 807995 | Ring Set (.020” Oversize) | 1 |
| 26 | 807996 | Ring Set (.030” Oversize) | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 27 | 805099 | Lock–Piston Pin | 1 |
| 28 | 807886 | Pin–Piston | 1 |
| 29 | 807900 | Rod–Connecting (Standard) | 1 |
| 29 | 807803 | Rod–Conn. (.020” Undersize) | 1 |
| 32 | 805395 | Screw (Connecting Rod) | 1 |
| 46 | 691537 | CamShaft | 1 |
| 146 | 94196 | Key–Timing | 1 |
| 377 | 808095 | Woodruff Key | 1 |
| 598 | 807625 | Washer Set | 1 |
| 741 | 805984 | Gear–Timing | 1 |
| 1025 | 805313 | Spool–Governor | 1 |




Assemblies include all parts shown in frames.

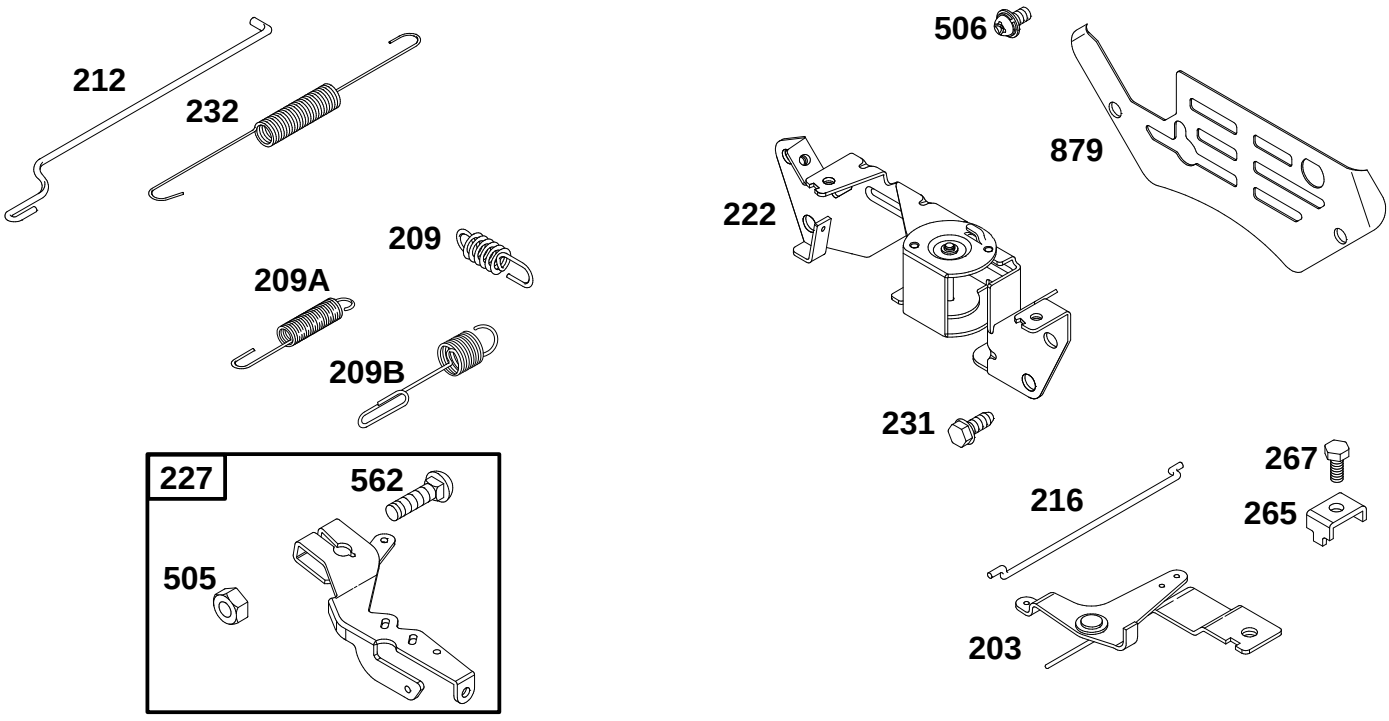
# ENGINE BRIGGS & STRATTON MODEL 350447–1116–E1

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| ★51 | 805700 | Gasket–Intake | 1 |
| 91 | 808396 | Body Assembly–Upper | 1 |
| ●94 | 808399 | Valve–Idle Adjustment | 1 |
| ●95 | 805538 | Screw (Throttle Valve) | 1 |
| 98 | 808177 | Kit–Idle Speed | 1 |
| 100 | 806283 | Stop–Throttle | 1 |
| ●102 | 805541 | Gasket–Carburetor Body | 1 |
| 103 | 805546 | Float–Carburetor | 1 |
| ●104 | 805545 | Pin–Float Hinge | 1 |
| ●105 | 805547 | Valve–Needle | 1 |
| 108 | 806134 | Valve–Choke | 1 |
| ●110 | 805549 | Washer–Seal | 1 |
| ●110A | 806137 | Washer | 1 |
| ●117 | 806126 | Jet–Main (Standard) | 1 |
| 117 | 808413 | Jet–Main (High Altitude) | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 119 | 805540 | Screw (Upper Body Assembly) | 1 |
| 125 | 808370 | Carburetor (Pump Feed) | 1 |
| ●127 | 805559 | Plug–Welch | 1 |
| 130 | 806132 | Valve–Throttle | 1 |
| 131 | 808397 | Throttle Shaft Kit | 1 |
| 141 | 808398 | Choke Shaft Kit | 1 |
| ●142 | 806128 | Nozzle–Carburetor | 1 |
| ●634A | 805544 | Seal–Shaft | 1 |
| ●634B | 805543 | Collar–Choke Shaft | 1 |
| ●634C | 806131 | Seal–Shaft | 1 |
| 947 | 807664 | Solenoid–Fuel | 1 |
| 955 | 807723 | Plug–Carburetor | 1 |
| ●1091 | 805862 | Cap–Limiter | 1 |

★ Included in Gasket Set–Part No. 808389

● Included in Carburetor Kit–Part No. 808395

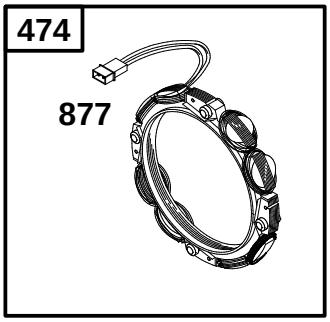


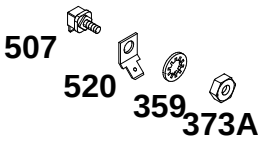

Assemblies include all parts shown in frames.

# ENGINE BRIGGS & STRATTON MODEL 350447–1116–E1

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 203 | 807609 | Control–Choke | 1 |
| 209 | 805463 | Spring–Governor (Main) | 1 |
| 209A | 805450 | Spring–Governor (Secondary) | 1 |
| 209B | 806060 | Spring–Governor (Idle) | 1 |
| 212 | 805480 | Link–Throttle | 1 |
| 216 | 805439 | Link–Choke | 1 |
| 222 | 808195 | Bracket–Control (Used With Control Lever and/or Wire With a "Z" Formed End) | 1 |
| 227 | 807528 | Lever–Governor | 1 |

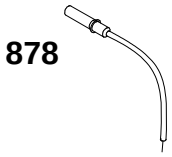
| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 232 | 805465 | Spring–Link | 1 |
| 265 | 221535 | Clamp–Casing | 1 |
| 267 | 805762 | Screw (Casing Clamp) | 1 |
| 321 | 805025 | Screw (Control Bracket) | 1 |
| 505 | 805383 | Nut (Governor Lever) | 1 |
| 506 | 805009 | Screw (Carburetor Cover) | 1 |
| 562 | 805381 | Bolt (Governor Lever) | 1 |
| 879 | 805841 | Cover–Carburetor | 1 |



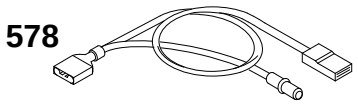


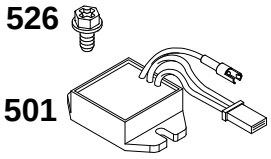






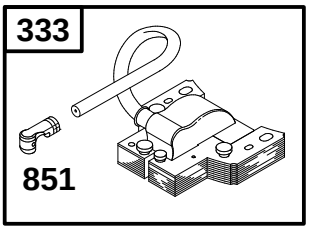












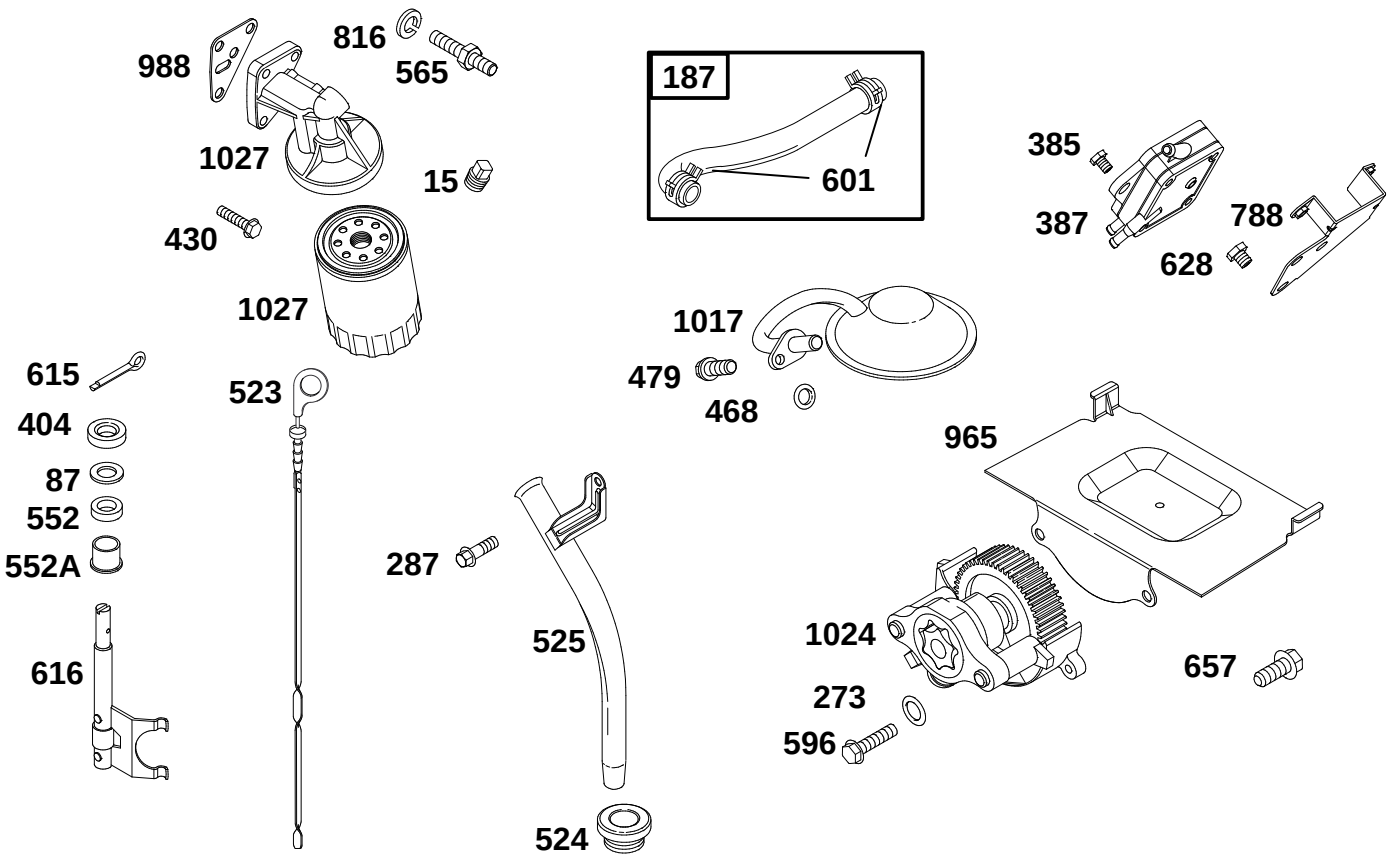


Assemblies include all parts shown in frames.

# ENGINE BRIGGS & STRATTON MODEL 350447–1116–E1

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 333 | 492341 | Armature–Magneto | 1 |
| 334 | 805407 | Screw (Magneto Armature) | 1 |
| 359 | 92791 | Washer–Lock | 1 |
| 373A | 90576 | Nut–Hex. | 1 |
| 556 | 805407 | Screw (Alternator) | 1 |
| 474 | 393295 | Alternator | 1 |
| 501 | 394890 | Regulator | 1 |
| 507 | 398525 | Insulator | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 520 | 93722 | Terminal | 1 |
| 526 | 805448 | Screw (Regulator) | 1 |
| 529 | 805641 | Grommet | 1 |
| 578 | 493792 | Wire Assembly | 1 |
| 729 | 280470 | Clip–Wire | 1 |
| 851 | 493880 | Terminal–Cable | 1 |
| 877 | 399916 | Harness–Alternator | 1 |
| 878 | 393422 | Harness–Alternator | 1 |



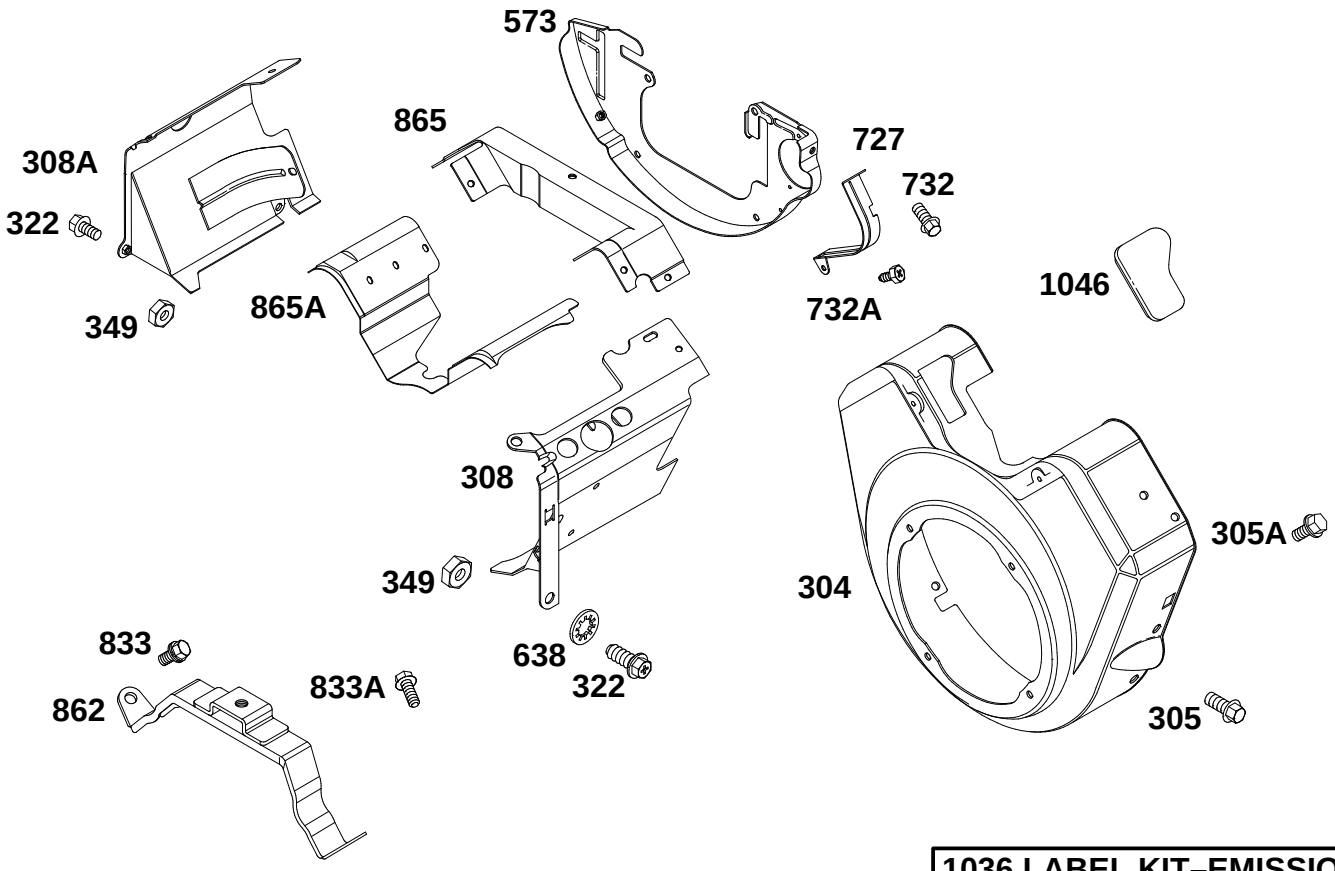

Assemblies include all parts shown in frames.

# ENGINE BRIGGS & STRATTON MODEL 350447–1116–E1

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 15 | 805059 | Plug–Oil | 1 |
| 87 | 805054 | Seal–Governor Shaft | 1 |
| 187 | 398367 | Line–Fuel (Molded) | 1 |
| ★273 | 805058 | Seal–O Ring | 1 |
| 287 | 805247 | Screw (Oil Fill Tube) | 1 |
| 385 | 693169 | Screw (Fuel Pump) | 1 |
| 387 | 808656 | Pump–Fuel | 1 |
| 430 | 805030 | Screw (Oil Pump) | 1 |
| ★468 | 805316 | Seal–O Ring | 1 |
| 479 | 805317 | Screw (Oil Pump Screen) | 1 |
| 523 | 693175 | Dipstick | 1 |
| 524 | 693172 | Seal–Fill Tube | 1 |
| 525 | 693174 | Tube–Oil Fill | 1 |
| 552 | 805412 | Bushing–Governor Crank | 1 |
| 552A | 805413 | Bushing–Governor Crank | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 565 | 805073 | Stud (Oil Filter) | 1 |
| 596 | 805057 | Screw (Oil Pump) | 1 |
| 601 | 93807 | Clamp–Hose | 1 |
| 615 | 806096 | Retainer–Governor Shaft | 1 |
| 616 | 807596 | Crank–Governor | 1 |
| 628 | 805025 | Screw (Pump Bracket) | 1 |
| 657 | 805406 | Screw (Oil Deflector) | 1 |
| 788 | 807685 | Bracket–Pump | 1 |
| 816 | 805449 | Washer–Lock (Oil Filter) | 1 |
| ★988 | 805250 | Gasket–Oil Adapter | 1 |
| 965 | 805654 | Deflector–Oil | 1 |
| 1017 | 807598 | Screen–Oil Pump | 1 |
| 1024 | 807644 | Pump–Oil | 1 |
| 1027 | 492932 | Filter–Oil | 1 |

★ Included in Gasket Set–Part No. 808389

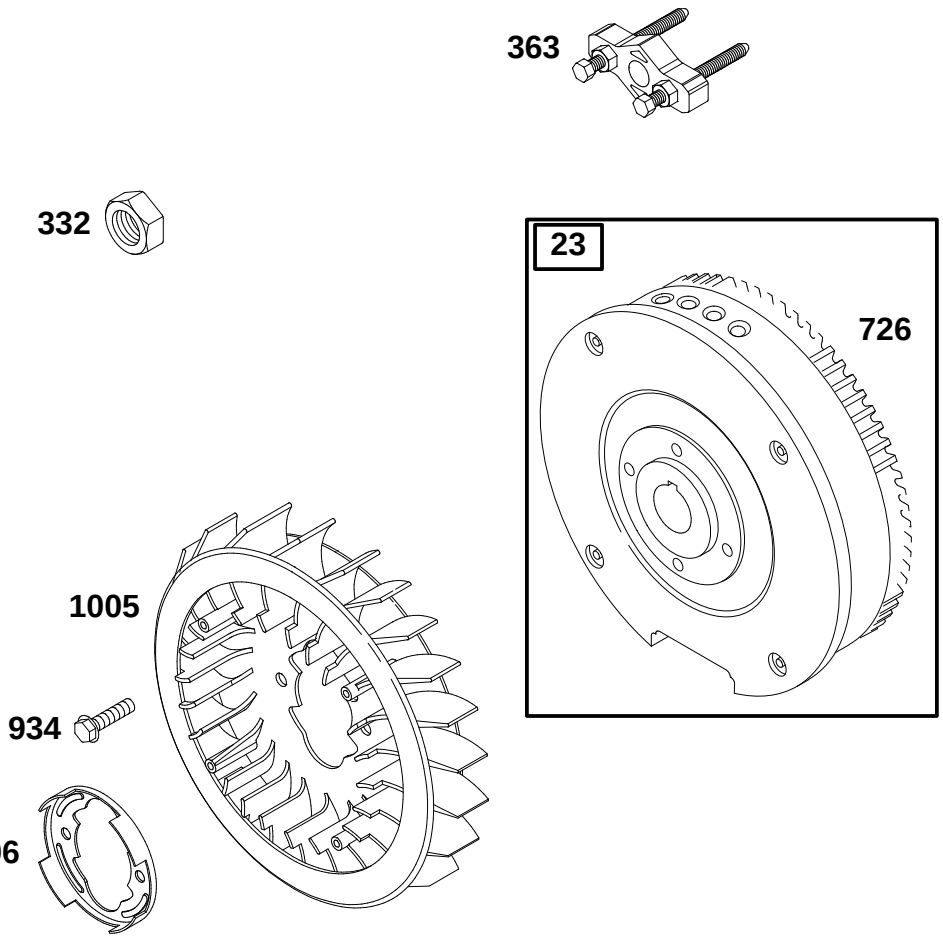



Assemblies include all parts shown in frames.

# ENGINE BRIGGS & STRATTON MODEL 350447–1116–E1

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 304 | 690929 | Housing–Blower | 1 |
| 305 | 805406 | Screw (Blower Housing) | 1 |
| 305A | 805025 | Screw–Hex. (Blower Housing) | 1 |
| 308 | 807870 | Cover–Cylinder (Cyl. #1, Black) | 1 |
| 308A | 808100 | Cover–Cylinder (Cyl. #2, Black) | 1 |
| 322 | 805406 | Screw–Hex. | 1 |
| 349 | 805383 | Nut | 1 |
| 573 | 807663 | Plate–Back | 1 |
| 638 | 806101 | Washer–Lock | 1 |
| 727 | 805505 | Cover–Starter Drive | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 732 | 805406 | Screw (Starter Drive Cover) | 1 |
| 732A | 805260 | Screw–Phillips Hex. (Starter Drive Cover) | 1 |
| 833 | 805406 | Screw–Hex. (Cleaner Mounting Strap) | 1 |
| 833A | 805902 | Screw–Hex. (Cleaner Mounting Strap) | 1 |
| 862 | 807796 | Strap–Cleaner Mounting | 1 |
| 865 | 807661 | Cover–Air Guide (Black) | 1 |
| 865A | 805738 | Cover–Air Guide | 1 |
| 1036 | 499370 | Label Kit–Emission | 1 |
| 1046 | 805753 | Plug–Blower Housing | 1 |

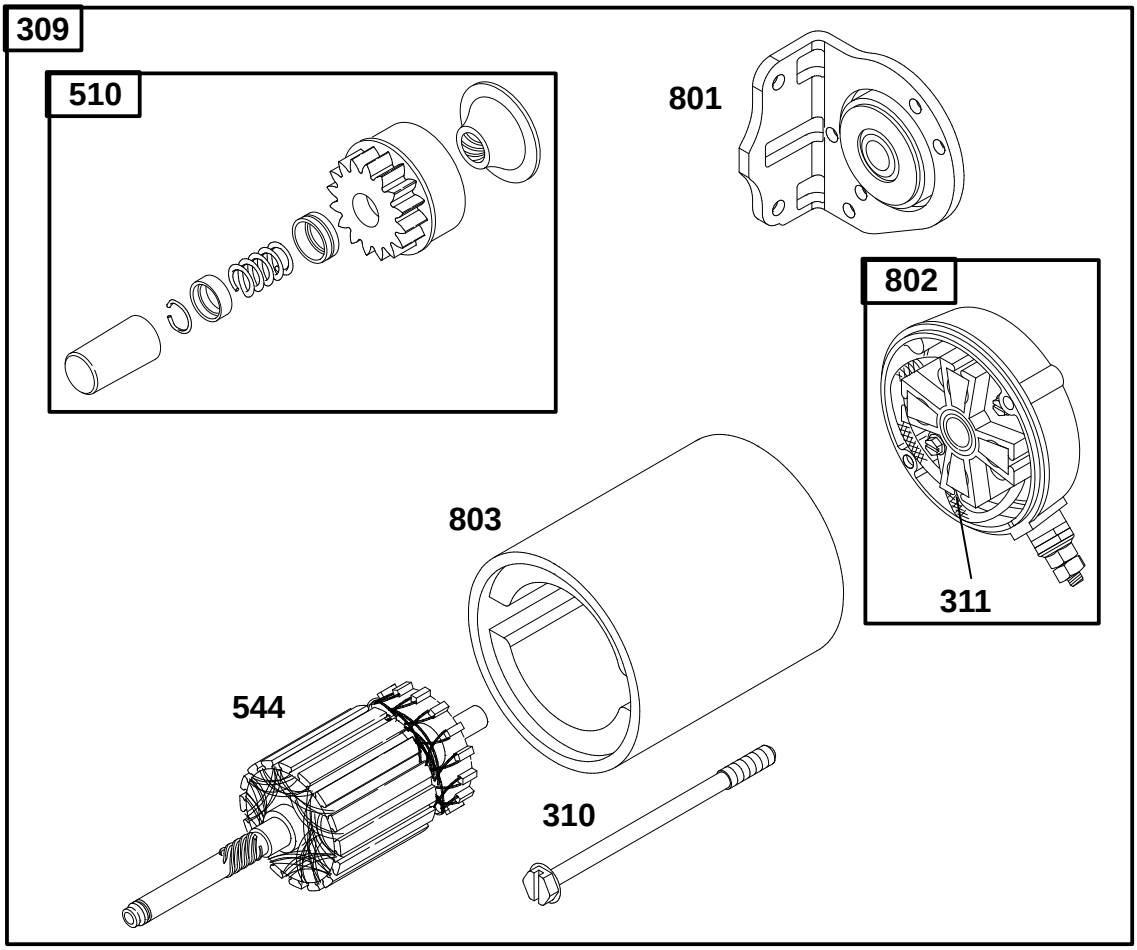



Assemblies include all parts shown in frames.

# ENGINE BRIGGS & STRATTON MODEL 350447–1116–E1

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 23 | 808129 | Flywheel | 1 |
| 332 | 806028 | Nut–Flywheel | 1 |
| 363 | 19203 | Flywheel Puller | 1 |
| 726 | 808162 | Gear–Ring | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 934 | 94627 | Screw (Flywheel Fan) | 1 |
| 1005 | 808082 | Fan–Flywheel | 1 |
| 1006 | 224413 | Retainer–Fan | 1 |

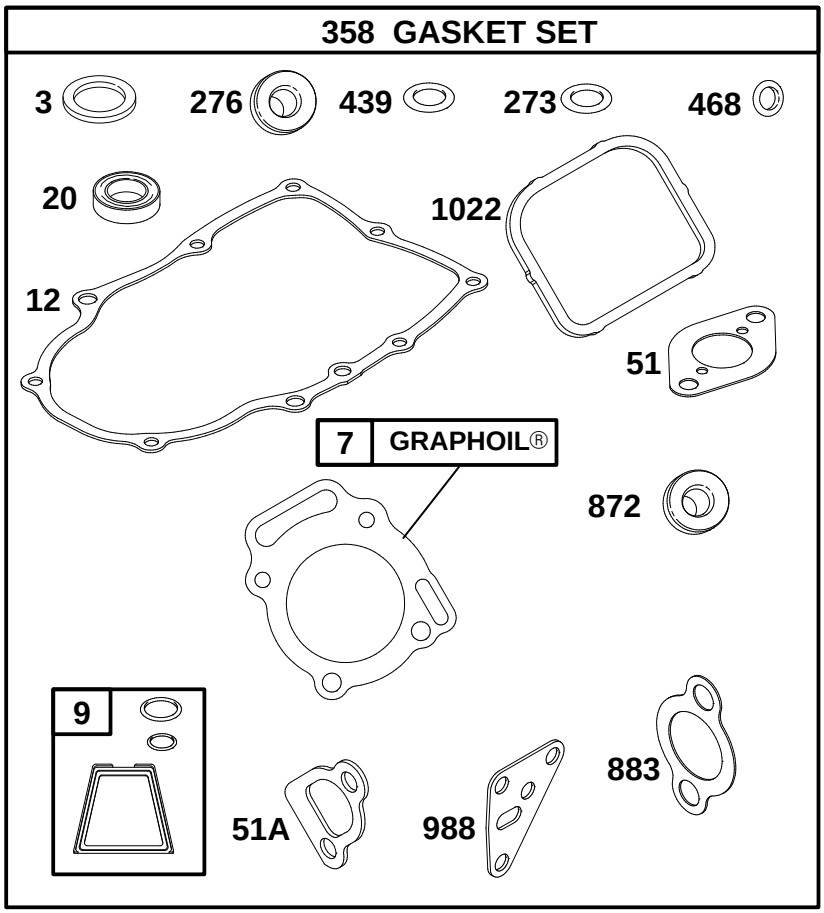


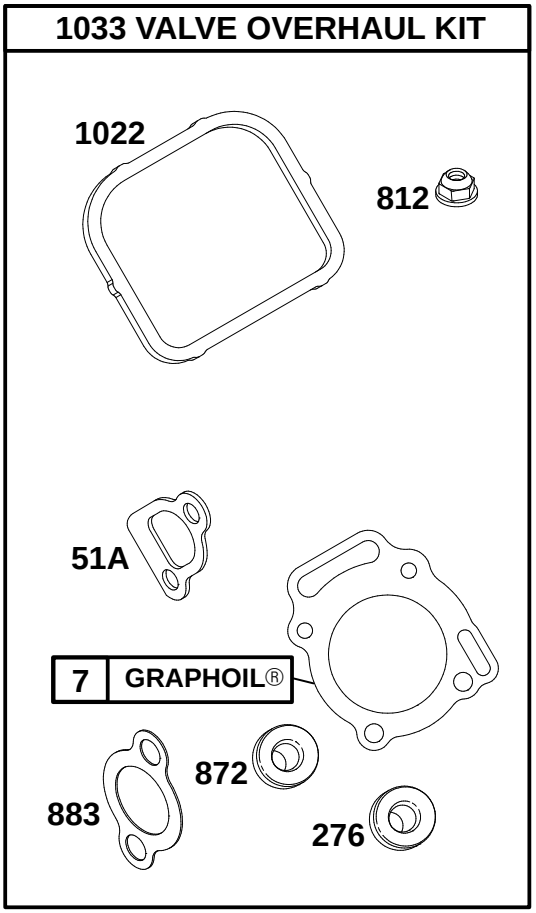

Assemblies include all parts shown in frames.

# ENGINE BRIGGS & STRATTON MODEL 350447–1116–E1

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 309 | 808106 | Motor–Starter (Steel Pinion) | 1 |
| 310 | 496880 | Screw (Starter Housing) | 1 |
| 311 | 496887 | Brush Set | 1 |
| 510 | 496881 | Drive–Starter | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 544 | 496816 | Armature–Starter | 1 |
| 697 | 805247 | Screw (Starter Motor) | 1 |
| 801 | 496814 | Cap–Drive | 1 |
| 802 | 496813 | Cap–End | 1 |
| 803 | 496815 | Housing–Starter | 1 |



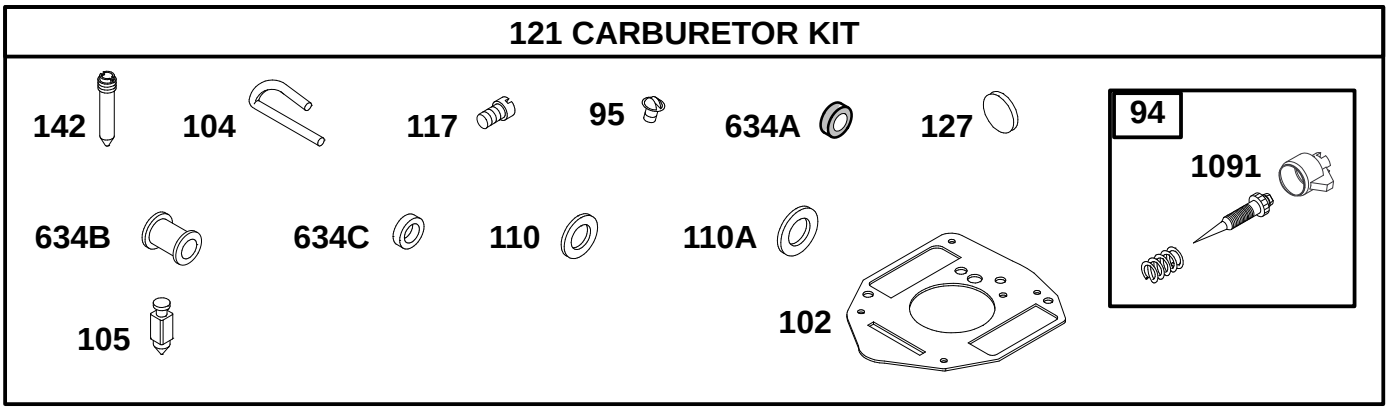

Assemblies include all parts shown in frames.

# ENGINE BRIGGS & STRATTON MODEL 350447–1116–E1

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| ★3 | 805101 | Seal–Oil | 1 |
| ★Δ7 | 806086 | Gasket–Cylinder Head | 1 |
| ★9 | 807688 | Gasket–Breather | 1 |
| ★12 | 806190 | Gasket–Crankcase | 1 |
| ★20 | 805049 | Seal–Oil | 1 |
| ★51 | 805700 | Gasket–Intake | 1 |
| ★Δ51A | 805023 | Gasket–Intake | 1 |
| ★273 | 805058 | Seal–O Ring | 1 |
| ★Δ276 | 805420 | Washer | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 358 | 808389 | Gasket Set | 1 |
| ★439 | 806191 | Seal–O-Ring | 1 |
| ★468 | 805316 | Seal–O Ring | 1 |
| Δ812 | 805019 | Nut–Lock | 1 |
| ★Δ872 | 805420 | Washer | 1 |
| ★Δ883 | 805024 | Gasket–Exhaust | 1 |
| ★988 | 805250 | Gasket–Oil Adapter | 1 |
| ★Δ1022 | 806039 | Gasket–Rocker Cover | 1 |
| 1033 | 808391 | Kit–Valve Overhaul | 1 |

★ Included in Gasket Set–Part No. 808389
Δ Included in Valve Overhaul Kit–Part No. 808391




Assemblies include all parts shown in frames.

# ENGINE BRIGGS & STRATTON MODEL 350447–1116–E1

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| ●94 | 808399 | Valve–Idle Adjustment | 1 |
| ●95 | 805538 | Screw–Round Head | 1 |
| ●102 | 805541 | Gasket–Carburetor Body | 1 |
| ●104 | 805545 | Pin–Float Hinge | 1 |
| ●105 | 805547 | Valve–Needle | 1 |
| ●110 | 805549 | Washer–Seal | 1 |
| ●110A | 806137 | Washer | 1 |
| ●117 | 806126 | Jet–Main | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 121 | 808395 | Carburetor Kit | 1 |
| ●127 | 805559 | Plug–Welch | 1 |
| ●142 | 806128 | Nozzle–Carburetor | 1 |
| ●634A | 805544 | Seal–Shaft | 1 |
| ●634B | 805543 | Collar–Choke Shaft | 1 |
| ●634C | 806131 | Seal–Shaft | 1 |
| ●1091 | 805862 | Cap–Limiter | 1 |

● Included in Carburetor Kit–Part No. 808395

# TORO PART NUMBER INDEX

| Part No. | Description | Pg. No. | Ref. No. | Qty. |
|---|---|---|---|---|
| 116973 | Tire–Turf (Optional) | 21 | * | 2 |
| 116973 | Tire–Turf (Optional) | 4 | * | 2 |
| 3–6498 | Washer–Thrust | 13 | 5 | 1 |
| 10–6830 | Stud–Drive | 4 | 3 | 4 |
| 10–6850 | Drum–Brake | 21 | 34 | 2 |
| 18–6320 | Washer–Steering | 4 | 19 | 3 |
| 18–6380 | Bolt–Adjustment | 6 | 17 | 2 |
| 18–6380 | Pin–Adjusting | 13 | 9 | 1 |
| 22–8330 | Plug | 19 | 1 | 2 |
| 22–8340 | Spring | 19 | 3 | 2 |
| 22–8350 | Ball | 19 | 4 | 2 |
| 22–8360 | Pin–Cam | 19 | 6 | 2 |
| 22–8370 | Seat–Check Valve | 19 | 5 | 2 |
| 22–8380 | Retainer–Spring | 19 | 10 | 1 |
| 22–8390 | Spring Retainer | 19 | 12 | 1 |
| 22–8400 | Spacer–Float | 19 | 13 | 1 |
| 22–8410 | Spring | 19 | 11 | 1 |
| 22–8420 | Spool | 19 | 8 | 1 |
| 22–8480 | Spring–Ring Spool | 19 | 14 | 1 |
| 22–8490 | Ring–Retaining | 19 | 15 | 1 |
| 22–8500 | O–Ring | 19 | 9 | 2 |
| 23–9740 | Element–Hydraulic Filter | 17 | 18 | 1 |
| 25–2380 | Plate–Thrust | 16 | 50 | 1 |
| 25–2400 | Gasket–Cap, End | 15 | 14 | 1 |
| 25–2430 | Pin | 15 | 13 | 1 |
| 25–2450 | Swashplate | 16 | 48 | 1 |
| 25–2460 | Plug | 15 | 29 | 2 |
| 25–2470 | Kit–Shim | 15 | 30 | 2 |
| 25–2480 | Spring | 15 | 42 | 1 |
| 25–2490 | Ball | 15 | 4 | 2 |
| 25–2500 | Shaft–Trunnion | 15 | 27 | 1 |
| 25–2510 | Washer | 15 | 26 | 2 |
| 25–2570 | Spring | 15 | 31 | 1 |
| 25–2600 | Kit–Cylinder Block | 15 | 16 | 1 |
| 25–2640 | Spring | 15 | 3 | 2 |
| 25–2650 | Plug | 15 | 1 | 2 |
| 25–2690 | Housing–Pump, Charge | 15 | 35 | 1 |
| 25–3180 | Kit–Valve, Check | 16 | * | 1 |
| 25–3210 | Seal–Lip | 15 | 25 | 2 |
| 26–3790 | Nut–Lock | 4 | 5 | 1 |
| 26–3790 | Nut–Lock | 21 | 19 | 2 |
| 27–2320 | Bearing–Side Flange | 8 | 7 | 2 |
| 27–6600 | Spacer–Coupler | 14 | 13 | 8 |
| 28–4210 | Solenoid–Starter | 1 | 25 | 1 |
| 29–6163 | Switch–Neutral | 13 | 20 | 1 |
| 38–3400 | Guard–Rubber | 11 | 18 | 1 |
| 38–3400 | Snubber | 4 | 42 | 2 |
| 43–1710 | Asm–Valve | 18 | 11 | 1 |
| 43–5220 | Ring–Retaining | 25 | 12 | 1 |
| 43–5230 | Shaft with Clevis | 25 | 13 | 1 |
| 43–5260 | Barrel w/Clevis & Ports | 25 | 2 | 1 |
| 46–7510 | Hood–Air Inlet | 3 | 10 | 1 |
| 46–8400 | Bearing–Roller | 16 | 51 | 1 |
| 47–2964 | Hose–Fuel | 11 | 19 | 1 |
| 47–2964 | Hose–Fuel | 10 | 31 | 1 |
| 49–2040 | Screw–HFH | 13 | 6 | 3 |
| 49–8510 | Kit–Relief, Charge | 16 | * | 1 |
| 49–8520 | Kit–Implement Relief | 16 | * | 1 |
| 51–0780 | Slider–Seat 4 | 7 | 16 | 1 |
| 51–0790 | Slider–Seat | 7 | 19 | 1 |
| 53–6380 | Washer | 24 | 12 | 1 |
| 56–7720 | Rod–Battery Hold–Down | 10 | 16 | 2 |
| 56–7976 | Clamp–Tube | 4 | 14 | 2 |
| 56–7981 | Sleeve–Protective | 24 | 10 | 1 |
| 57–5420 | Screw–Shoulder | 17 | 41 | 1 |
| 63–8360 | Key–Ignition | 3 | 2 | 2 |
| 63–8410 | Washer–Flat | 17 | 20 | 3 |
| 63–8410 | Washer–Flat | 7 | 20 | 4 |
| 63–8410 | Washer–Flat | 10 | 23 | 4 |
| 65–8770 | Bushing–Flange | 6 | 22 | 2 |
| 66–0120 | Knob | 3 | 15 | 2 |
| 67–8050 | Bearing–Needle | 15 | 37 | 1 |
| 67–8060 | Seal–Lip | 15 | 36 | 1 |
| 67–9410 | Washer–Flat | 8 | 14 | 2 |
| 68–8990 | Asm–Hydraulic Filter Head | 17 | 15 | 1 |
| 69–8930 | Washer | 18 | 18 | 4 |
| 69–8960 | Spacer | 18 | 17 | 2 |
| 69–9760 | Plate–Cover | 4 | 15 | 1 |
| 70–2770 | Head | 25 | 10 | 1 |
| 70–2780 | Piston | 25 | 5 | 1 |
| 70–9840 | Shoe–Brake | 21 | 32 | 4 |
| 70–9850 | Retainer | 21 | 29 | 2 |
| 70–9860 | Shaft–Cam | 21 | 30 | 2 |
| 70–9870 | Plate–Brake Backing | 21 | 33 | 2 |
| 70–9880 | Spring–Extension | 21 | 31 | 4 |
| 71–1500 | Asm–Brake | 21 | * | 2 |
| 72–4790 | Hold–Down–Battery | 10 | 12 | 1 |
| 74–0720 | Tube–Manual | 7 | 4 | 1 |
| 74–9100 | Pad–Forward | 12 | 16 | 1 |
| 74–9110 | Pad–Reverse | 12 | 4 | 1 |
| 75–0540 | Teather | 17 | 2 | 1 |
| 75–4705 | Hose–Fuel | 11 | 47 | 1 |
| 75–5470 | Spacer | 13 | 18 | 1 |
| 75–6820 | Hourmeter | 3 | 18 | 1 |
| 76–0810 | Asm–Housing | 22 | * | 1 |
| 76–0810 | Asm–Housing | 23 | * | 1 |
| 76–0810 | Asm–Housing | 5 | * | 1 |
| 76–0840 | Manifold | 22 | 22 | 1 |
| 76–0850 | Bearing–Thrust | 22 | 12 | 1 |
| 76–0850 | Bearing–Thrust | 23 | 12 | 1 |
| 76–0850 | Bearing–Thrust | 5 | 12 | 1 |
| 76–0860 | Shaft–Coupling | 22 | 11 | 1 |
| 76–0860 | Shaft–Coupling | 23 | 11 | 1 |
| 76–0860 | Shaft–Coupling | 5 | 11 | 1 |
| 76–0870 | Plate–Wear | 22 | 18 | 1 |
| 76–0870 | Plate–Wear | 23 | 18 | 1 |
| 76–0870 | Plate–Wear | 5 | 18 | 1 |
| 76–0880 | Asm–Commutator | 22 | * | 1 |
| 76–0880 | Asm–Commutator | 23 | * | 1 |
| 76–0880 | Asm–Commutator | 5 | * | 1 |
| 76–0890 | Asm–Cover End | 23 | 29 | 1 |
| 76–0940 | Asm–Cover, End | 22 | 24 | 1 |
| 76–0940 | Asm–Cover, End | 5 | 24 | 1 |
| 76–1420 | Wheel–Steering | 6 | 1 | 1 |
| 76–8640 | Stud–Traction | 13 | 14 | 1 |
| 80–2110 | Cable–Solenoid–Starter | 9 | 2 | 1 |
| 80–8650 | Coupler–Rubber | 14 | 14 | 2 |
| 83–0020 | Starter Switch | 3 | 1 | 1 |
| 83–1031 | Mount–Engine | 11 | 31 | 4 |
| 83–1390 | Fitting–Fuel Shut–Off | 10 | 18 | 1 |
| 83–2220 | Deflector–Exhaust | 11 | 13 | 1 |
| 83–2230 | Screw | 11 | 12 | 4 |
| 83–2240 | Arrester–Spark | 11 | * | 1 |
| 83–2420 | Cable–Positive | 9 | 3 | 1 |
| 83–2420 | Cable–Positive | 11 | 25 | 1 |
| 83–7000 | Asm–Cylinder | 24 | 2 | 1 |
| 83–7250 | Kit–Seal Repair | 25 | 14 | 1 |
| 83–7260 | Cone–Charge Relief | 15 | 32 | 2 |
| 83–9310 | Arm–Brake | 8 | 10 | 2 |
| 83–9310 | Lever–Brake | 21 | 6 | 2 |
| 84–2000 | Bracket–Brake | 21 | 38 | 2 |
| 85–0290 | Spacer–Seat Support | 1 | 4 | 2 |
| 85–6540 | Stud–Drive | 21 | 17 | 8 |
| 85–8030 | Chain | 6 | 19 | 1 |
| 85–8290 | Tire | 21 | 15 | 2 |
| 85–8290 | Tire | 4 | 29 | 1 |
| 85–8300 | Lever–Pump | 13 | 2 | 1 |
| 85–8360 | Seal–Cover | 11 | 3 | 1 |
| 85–8430 | Base–Air Cleaner | 11 | 48 | 1 |
| 85–8450 | Rod–Control | 12 | 9 | 1 |
| 85–8460 | Asm–Switch Arm | 13 | 12 | 1 |
| 85–8490 | Panel–RH | 2 | 41 | 1 |
| 85–8570 | Shroud–Lower | 17 | 24 | 1 |
| 85–8600 | Support–Engine | 11 | 33 | 1 |
| 85–8640 | Base–Engine | 11 | 38 | 1 |
| 85–8670 | Hub–Fan | 14 | 27 | 1 |
| 85–8700 | Hub–Pump | 14 | 19 | 1 |
| 85–8730 | Hub–Engine | 14 | 18 | 1 |
| 85–8770 | Coupling | 14 | 16 | 1 |
| 85–8780 | Tread–Floor RH | 2 | 37 | 1 |

*Not Illustrated

# TORO PART NUMBER INDEX (Cont.)

| Part No. | Description | Pg. No. | Ref. No. | Qty. |
|---|---|---|---|---|
| 85–8790 | Tread–Floor LH | 2 | 38 | 1 |
| 85–8930 | Retainer–Boot | 10 | 4 | 1 |
| 85–8940 | Asm–Flangette | 4 | 27 | 1 |
| 85–8950 | Flangette | 4 | 25 | 1 |
| 85–8960 | Spacer | 12 | 3 | 1 |
| 85–9010 | Boot–Steering | 10 | 3 | 1 |
| 85–9020 | Key–Square | 14 | 17 | 1 |
| 85–9030 | Spring–Extension | 13 | 10 | 1 |
| 85–9120 | Spacer | 6 | 11 | 3 |
| 85–9120 | Spacer | 13 | 17 | 1 |
| 85–9150 | Plate–Switch | 13 | 19 | 1 |
| 85–9160 | Spacer | 24 | 1 | 1 |
| 85–9170 | Pin–Cylinder | 24 | 4 | 1 |
| 85–9180 | Sprocket | 6 | 21 | 1 |
| 85–9200 | Joint–Universal | 6 | 25 | 1 |
| 85–9220 | Shaft–Steering Upper | 6 | 28 | 1 |
| 85–9450 | Hose–Hydraulic | 14 | 35 | 1 |
| 85–9460 | Cooler–Oil | 17 | 30 | 1 |
| 85–9510 | Screen–Filler | 17 | 4 | 1 |
| 85–9550 | Clamp–Rubber | 17 | 35 | 2 |
| 85–9560 | Fan | 14 | 28 | 1 |
| 85–9570 | Hose–Hydraulic | 24 | 14 | 1 |
| 85–9570 | Hose–Hydraulic | 18 | 33 | 1 |
| 85–9580 | Hose–Hydraulic | 24 | 5 | 1 |
| 85–9580 | Hose–Hydraulic | 18 | 32 | 1 |
| 85–9590 | Hose–Hydraulic | 14 | 25 | 1 |
| 85–9590 | Hose–Hydraulic | 17 | 28 | 1 |
| 85–9610 | Hose–Hydraulic | 14 | 1 | 2 |
| 85–9640 | Hose–Hydraulic | 4 | 12 | 2 |
| 85–9660 | Plate–Seat Adjust | 7 | 5 | 1 |
| 85–9670 | Nut–T | 17 | 34 | 2 |
| 85–9680 | Panel–LH | 2 | 40 | 1 |
| 87–2710 | Asm–Lever | 8 | 22 | 1 |
| 87–4710 | Spacer–Parking Brake | 8 | 24 | 1 |
| 88–8110 | Asm–Screen, R.H. | 17 | 33 | 1 |
| 88–8120 | Asm–Screen, L.H. | 17 | 31 | 1 |
| 88–8160 | Plate–Valve | 15 | 15 | 1 |
| 88–8170 | Asm–Housing, Variable | 15 | 45 | 1 |
| 88–8180 | Shaft–Trunnion | 15 | 43 | 1 |
| 88–8190 | Bearing–Journal | 15 | 24 | 1 |
| 88–8210 | Plug | 15 | 33 | 2 |
| 88–8230 | Seal–Lip | 16 | 53 | 1 |
| 88–8280 | Lever–Steering Adjust | 6 | 5 | 1 |
| 88–8290 | Asm–Steering Column | 6 | 26 | 1 |
| 88–8330 | Cable–Engine Ground | 9 | 4 | 1 |
| 88–8330 | Cable–Negative | 11 | 21 | 1 |
| 88–8350 | Tab–Bearing | 4 | 31 | 1 |
| 88–8480 | Bracket–Pivot | 18 | 6 | 1 |
| 88–8510 | Dowel | 6 | 30 | 2 |
| 88–8520 | Block–Lock Lower | 6 | 31 | 1 |
| 88–8530 | Block–Lock Upper | 6 | 7 | 1 |
| 92–1678 | Battery | 10 | 15 | 1 |
| 92–1715 | Spacer | 21 | 37 | 8 |
| 92–2343 | Asm–Pedal | 12 | 15 | 1 |
| 92–2344 | Trunnion | 12 | 11 | 1 |
| 92–8776 | Plug | 15 | 5 | 2 |
| 92–8777 | O–Ring | 15 | 6 | 2 |
| 92–8959 | Reservoir–Hydraulic | 17 | 40 | 1 |
| 92–8969 | Spindle | 4 | 24 | 1 |
| 92–8976 | Seat | 7 | 21 | 1 |
| 92–8977 | Hose–Air Cleaner | 3 | 12 | 1 |
| 93–2190 | Asm–Air Cleaner | 3 | 9 | 1 |
| 93–2195 | Element–Air Cleaner | 3 | 23 | 1 |
| 93–4365 | Asm–Reservoir Cap | 17 | 3 | 1 |
| 93–6668 | Decal–Battery | 10 | 25 | 1 |
| 93–6838 | Hub–Wheel | 4 | 4 | 1 |
| 93–6838 | Hub–Wheel | 21 | 16 | 2 |
| 93–6850 | Lever–Brake | 21 | 40 | 2 |
| 93–7170 | Cap–Fuel | 10 | 2 | 1 |
| 93–7252 | Decal–CE | 1 | 16 | 1 |
| 93–7272 | Decal–Caution | 17 | 38 | 2 |
| 93–7276 | Decal–Danger | 10 | 26 | 1 |
| 93–7442 | Decal–Parking Lever | 3 | 19 | 1 |
| 93–9050 | Decal–Instruction | 2 | 43 | 1 |
| 93–9051 | Decal–Eccentric Bolt | 13 | 22 | 1 |
| 93–9052 | Decal–Danger | 2 | 36 | 3 |
| 93–9053 | Decal–Warning | 2 | 48 | 1 |
| 93–9081 | Decal–Blank | 26 | 5 | 1 |
| 94–1414 | Valve–Air Cleaner | 3 | 24 | 1 |
| 94–2690 | Filter–Fuel | 10 | 9 | 1 |
| 94–3652 | Asm–Cover | 3 | 22 | 1 |
| 94–4513 | Ring–Retaining | 6 | 8 | 1 |
| 94–4514 | Pin–Tilt Lock | 6 | 6 | 1 |
| 94–4519 | Cover–Cable | 11 | 22 | 1 |
| 94–6116 | Rim | 21 | 27 | 2 |
| 94–6116 | Rim | 4 | 38 | 1 |
| 94–8178 | Kit–Seal | 22 | * | 1 |
| 94–8178 | Kit–Seal | 23 | * | 1 |
| 94–8178 | Kit–Seal | 5 | * | 1 |
| 95–0553 | Plate–Pump | 13 | 7 | 1 |
| 95–0629 | Fitting–Hydraulic 90° | 14 | 32 | 1 |
| 95–0632 | Cover | 11 | 53 | 1 |
| 95–0645 | Plate–Hot Surface | 11 | 10 | 1 |
| 95–5806 | Band–Mounting | 3 | 8 | 1 |
| 95–5808 | Cap–End | 15 | 7 | 1 |
| 95–5809 | Ball Bearing | 15 | 20 | 1 |
| 95–5810 | Shaft | 16 | 47 | 1 |
| 95–5812 | Asm–Gerotor | 15 | 39 | 1 |
| 95–5813 | Ring–Retaining | 15 | 21 | 1 |
| 95–5815 | Spring–Valve, Acceleration | 15 | 8 | 1 |
| 95–5816 | Plug | 15 | 11 | 2 |
| 95–5823 | Bracket–Lever | 8 | 2 | 1 |
| 95–5824 | Rod–Adjustment | 21 | 39 | 2 |
| 95–5827 | Asm–Muffler Shield | 11 | 11 | 1 |
| 95–5842 | Asm–Hydraulic Pump | 14 | 8 | 1 |
| 95–5844 | Strap | 8 | 19 | 2 |
| 95–5848 | Rod–Traverse | 8 | 16 | 1 |
| 95–9720 | Fitting–Hydraulic Orificed | 18 | 8 | 1 |
| 97–3055 | Asm–Hydraulic Motor | 21 | 8 | 1 |
| 98–0900 | Bracket–Bearing LH | 8 | 11 | 1 |
| 98–0901 | Bracket–Bearing RH | 8 | 12 | 1 |
| 98–0902 | Panel–Rear RH | 2 | 42 | 1 |
| 98–0917 | Rod–Seat | 1 | 26 | 1 |
| 98–0918 | Fender–RH | 1 | 7 | 1 |
| 98–0920 | Valve–Acceleration | 15 | 9 | 2 |
| 98–0922 | Bracket–Hourmeter | 8 | 25 | 1 |
| 98–0924 | Guide–Chain | 6 | 33 | 1 |
| 98–0925 | Bracket–Chain | 6 | 34 | 1 |
| 98–0926 | Strap | 4 | 32 | 1 |
| 98–0927 | Tank–Fuel | 10 | 1 | 1 |
| 98–0928 | Shaft–Steering Lower | 6 | 23 | 1 |
| 98–0929 | Plate–Chain Stay | 6 | 38 | 1 |
| 98–0930 | Asm–Engine | 11 | 46 | 1 |
| 98–0932 | Asm–Hydraulic Tube | 4 | 10 | 1 |
| 98–0932 | Tube–Hydraulic | 18 | 39 | 1 |
| 98–0933 | Asm–Hydraulic Tube | 14 | 3 | 1 |
| 98–0933 | Asm–Hydraulic Tube | 4 | 13 | 1 |
| 98–0934 | Asm–Hydraulic Tube | 21 | 9 | 1 |
| 98–0934 | Tube–Hydraulic | 18 | 41 | 1 |
| 98–0935 | Asm–Hydraulic Tube | 21 | 10 | 1 |
| 98–0935 | Tube–Hydraulic | 18 | 40 | 1 |
| 98–0936 | Asm–Hydraulic Tube | 21 | 23 | 1 |
| 98–0936 | Tube–Hydraulic | 18 | 38 | 1 |
| 98–0937 | Asm–Hydraulic Tube | 21 | 22 | 1 |
| 98–0937 | Tube–Hydraulic | 18 | 37 | 1 |
| 98–0938 | Asm–Hydraulic Tube | 14 | 5 | 1 |
| 98–0938 | Tube–Hydraulic | 18 | 36 | 1 |
| 98–0950 | Asm–Fork | 4 | 7 | 1 |
| 98–0953 | Cover–Air Cleaner | 11 | 2 | 1 |
| 98–0958 | Asm–Hydraulic Motor | 4 | 1 | 1 |
| 98–0959 | Asm–Hydraulic Motor | 21 | 12 | 1 |
| 98–0960 | Muffler | 11 | 14 | 1 |
| 98–0962 | Asm–Frame | 2 | 34 | 1 |
| 98–0963 | Bracket–Bulkhead | 18 | 13 | 1 |
| 98–0965 | Asm–Top Panel | 2 | 44 | 1 |
| 98–0966 | Asm–Panel–Rear LH | 1 | 29 | 1 |
| 98–0969 | Hose–Hydraulic | 17 | 17 | 1 |
| 98–0969 | Hose–Hydraulic | 14 | 30 | 1 |
| 98–0970 | Hose–Hydraulic | 17 | 11 | 1 |
| 98–0971 | Fitting–Hydraulic 90° | 17 | 10 | 1 |

*Not Illustrated

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| 98–0972 | Decal–Sand Pro 5020 | 1 | 20 | 2 |
| 98–0973 | Pin–Grooved | 6 | 20 | 1 |
| 98–0975 | Decal–Controls | 3 | 16 | 1 |
| 98–0976 | Hose–Fuel | 10 | 7 | 1 |
| 98–0977 | Decal–Service | 7 | 8 | 1 |
| 98–0978 | Spacer | 6 | 15 | 2 |
| 98–0979 | Pin–Lynch | 7 | 11 | 1 |
| 98–0980 | Strip–Seat Base | 1 | 10 | 1 |
| 98–0981 | Pad–Seat Base | 1 | 12 | 1 |
| 98–0982 | Strip–Fender | 1 | 13 | 1 |
| 98–0983 | Bracket–Fuel Tank | 6 | 14 | 1 |
| 98–0984 | Decal–Lift | 3 | 17 | 1 |
| 98–0987 | Tube–Hydraulic | 18 | 31 | 1 |
| 98–0987 | Tube–Hydraulic | 17 | 37 | 1 |
| 98–0988 | Asm–Hydraulic Tube | 21 | 14 | 1 |
| 98–0988 | Tube–Hydraulic | 18 | 35 | 1 |
| 98–0989 | Hose–Hydraulic | 14 | 21 | 1 |
| 98–0989 | Hose–Hydraulic | 18 | 34 | 1 |
| 98–0991 | Control–Choke/Throttle | 3 | 7 | 2 |
| 98–0994 | Harness–Wire | 24 | 20 | 1 |
| 98–0994 | Harness–Wire | 18 | 43 | 1 |
| 98–0994 | Wire Harness–Main | 9 | 1 | 1 |
| 98–0994 | Wire Harness–Main | 10 | 33 | 1 |
| 98–0995 | Hose–Fuel | 10 | 21 | 1 |
| 98–0997 | Fender–RH | 26 | 1 | 1 |
| 98–0998 | Fender–LH | 26 | 6 | 1 |
| 98–0999 | Wire–Ground | 11 | 26 | 1 |
| 98–0999 | Wire–Ground | 10 | 34 | 1 |
| 98–8065 | Decal–Infield Pro 5020 | 2 | 53 | 2 |
| 98–8150 | Seat Base | 1 | 30 | 1 |
| 98–8151 | Asm–Cooler Mount | 17 | 25 | 1 |
| 98–8159 | Pivot–Welded | 18 | 21 | 1 |
| 98–8160 | Latch–Valve Lever | 1 | 8 | 1 |
| 99–1629 | Guide–Lever | 1 | 3 | 1 |
| 99–1632 | Lever–Lift | 18 | 20 | 1 |
| 218–461 | Nut–Hex. | 3 | 21 | 1 |
| 232–32 | Valve–Stem | 4 | 37 | 1 |
| 232–35 | Valve–Stem | 21 | 28 | 2 |
| 233–39 | Handle | 6 | 4 | 1 |
| 233–39 | Knob–Lever | 18 | 5 | 1 |
| 237–21 | O–Ring | 24 | 15 | 2 |
| 237–21 | O–Ring | 18 | 29 | 2 |
| 237–22 | O–Ring | 21 | 4 | 1 |
| 237–22 | O–Ring | 14 | 24 | 2 |
| 237–22 | O–Ring | 18 | 26 | 3 |
| 237–22 | O–Ring | 17 | 29 | 2 |
| 237–30 | O–Ring | 21 | 1 | 4 |
| 237–30 | O–Ring | 14 | 2 | 4 |
| 237–30 | O–Ring | 15 | 12 | 2 |
| 237–30 | O–Ring | 18 | 30 | 6 |
| 237–30 | O–Ring | 4 | 39 | 4 |
| 237–42 | O–Ring | 19 | 2 | 2 |
| 237–42 | O–Ring | 21 | 3 | 1 |
| 237–42 | O–Ring | 14 | 22 | 2 |
| 237–42 | O–Ring | 18 | 27 | 2 |
| 237–78 | O–Ring | 25 | 1 | 2 |
| 237–78 | O–Ring | 24 | 16 | 2 |
| 237–78 | O–Ring | 18 | 28 | 2 |
| 237–79 | O–Ring | 17 | 5 | 4 |
| 237–79 | O–Ring | 14 | 7 | 3 |
| 237–79 | O–Ring | 15 | 10 | 3 |
| 237–80 | O–Ring | 21 | 2 | 4 |
| 237–80 | O–Ring | 14 | 33 | 1 |
| 237–80 | O–Ring | 15 | 34 | 2 |
| 237–80 | O–Ring | 4 | 40 | 2 |
| 237–86 | O–Ring | 15 | 2 | 4 |
| 237–95 | O–Ring | 15 | 40 | 1 |
| 237–124 | Grommet | 10 | 27 | 1 |
| 237–143 | Grommet | 10 | 17 | 2 |
| 237–146 | O–Ring | 17 | 8 | 3 |
| 237–164 | Grommet–Rubber | 3 | 13 | 1 |
| 238–14 | Pin–Clevis | 8 | 5 | 1 |
| 240–2 | Grommet | 26 | 3 | 1 |
| 240–3 | Grommet–Rubber | 1 | 1 | 1 |
| 240–5 | Grommet | 18 | 19 | 2 |
| 240–11 | Grommet | 17 | 19 | 3 |
| 240–11 | Grommet | 10 | 22 | 4 |
| 242–50 | Nut–Lug | 21 | 18 | 8 |
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| 2410–73 | Retainer–Teather | 17 | 1 | 1 |
| 2412–36 | Clamp–Hose | 17 | 12 | 1 |
| 2412–36 | Clamp–Hose | 10 | 19 | 2 |
| 2412–93 | Clamp–R | 10 | 5 | 1 |
| 2412–98 | Clamp–Hose | 10 | 8 | 3 |
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| 2412–129 | Clamp–Hose | 14 | 31 | 2 |
| 2412–130 | Clamp–Hose | 3 | 11 | 2 |
| 2412–133 | Clamp–R | 7 | 1 | 2 |
| 2412–138 | Clamp–R | 18 | 23 | 2 |
| 251–307 | Bearing | 13 | 16 | 2 |
| 251–352 | Asm–Bearing | 4 | 26 | 1 |
| 252–82 | Bearing–Needle | 15 | 44 | 1 |
| 254–61 | Bearing–Cup | 4 | 21 | 2 |
| 254–70 | Bearing–Cone | 4 | 20 | 2 |
| 256–113 | Bushing–Flange | 13 | 11 | 2 |
| 256–185 | Bushing–Sleeve | 6 | 27 | 1 |
| 256–219 | Bushing–Flange | 12 | 2 | 2 |
| 2710–11 | Link–Connecting | 6 | 18 | 2 |
| 2710–20 | Link–Offset | 18 | 12 | 1 |
| 282–2 | Clevis–Adjustment | 21 | 42 | 2 |
| 283–1 | Pin–Clevis | 21 | 43 | 2 |
| 283–62 | Pin–Clevis | 8 | 18 | 1 |
| 285–17 | Plug | 3 | 25 | 1 |
| 285–17 | Plug–Pipe | 15 | 23 | 2 |
| 302–5 | Fitting–Grease | 4 | 36 | 1 |
| 302–33 | Fitting–Grease | 6 | 32 | 1 |
| 302–33 | Fitting–Grease | 4 | 34 | 1 |
| 302–60 | Fitting–Grease | 13 | 13 | 1 |
| 321–3 | Screw–HH | 10 | 14 | 2 |
| 321–3 | Screw–HH | 1 | 28 | 2 |
| 321–4 | Screw–HH | 17 | 14 | 6 |
| 321–4 | Screw–HH | 21 | 35 | 8 |
| 321–9 | Screw–HH | 8 | 23 | 1 |
| 321–10 | Screw–HH | 4 | 16 | 1 |
| 321–23 | Screw–HH | 18 | 7 | 4 |
| 322–2 | Screw–HH | 7 | 3 | 6 |
| 322–2 | Screw–HH | 17 | 22 | 2 |
| 322–2 | Screw–HH | 2 | 49 | 1 |
| 322–3 | Screw–HH | 26 | 2 | 4 |
| 322–3 | Screw–HH | 6 | 13 | 4 |
| 322–3 | Screw–HH | 17 | 42 | 2 |
| 322–4 | Screw–HH | 14 | 15 | 8 |
| 322–4 | Screw–HH | 11 | 29 | 8 |
| 322–4 | Screw–HH | 15 | 38 | 4 |
| 322–5 | Screw–HH | 6 | 10 | 3 |
| 322–5 | Screw–HH | 3 | 14 | 2 |
| 322–8 | Screw–HH | 13 | 15 | 1 |
| 322–8 | Screw–HH | 11 | 55 | 2 |
| 322–10 | Screw–HH | 11 | 36 | 2 |
| 322–11 | Screw–HH | 8 | 20 | 2 |
| 322–14 | Screw–HH | 12 | 1 | 1 |
| 322–43 | Screw–HH | 6 | 3 | 1 |
| 323–5 | Screw–HH | 17 | 21 | 3 |
| 323–5 | Screw–HH | 10 | 24 | 4 |
| 323–5 | Screw–HH | 11 | 34 | 4 |
| 323–9 | Screw–HH | 1 | 5 | 2 |
| 323–10 | Screw–HH | 13 | 1 | 1 |
| 323–10 | Screw–HH | 11 | 35 | 2 |
| 323–11 | Screw–HH | 24 | 3 | 1 |
| 323–11 | Screw–HH | 11 | 37 | 2 |
| 323–29 | Screw–HH | 4 | 28 | 3 |
| 323–34 | Screw–HH | 24 | 11 | 1 |
| 323–45 | Screw–HH | 16 | 55 | 4 |
| 325–5 | Screw–HH | 24 | 22 | 4 |
| 325–11 | Screw–HH | 6 | 35 | 2 |
| 325–13 | Screw–HH | 21 | 20 | 8 |
| 3210–2 | Screw–HH | 11 | 54 | 2 |
| 3217–5 | Nut–Hex. | 10 | 13 | 2 |

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| 3218–5 | Nut–Jam | 12 | 10 | 1 |
| 3218–13 | Nut–Jam | 1 | 22 | 2 |
| 3219–14 | Nut–Hex | 1 | 21 | 2 |
| 3220–2 | Nut–Jam | 21 | 41 | 2 |
| 3230–20 | Bolt–CARR | 1 | 6 | 2 |
| 3234–1 | Screw–HFH | 8 | 8 | 4 |
| 3234–4 | Screw–HFH. | 1 | 15 | 2 |
| 3234–7 | Screw | 2 | 39 | 5 |
| 3234–29 | Screw–HFH | 2 | 47 | 2 |
| 3241–5 | Screw–Set, Sq. Hd. | 14 | 11 | 6 |
| 3253–3 | Washer–Lock | 17 | 13 | 2 |
| 3253–3 | Washer–Lock | 18 | 24 | 1 |
| 3253–4 | Washer–Lock | 7 | 2 | 2 |
| 3253–4 | Washer–Lock | 6 | 37 | 2 |
| 3253–7 | Washer–Lock | 21 | 21 | 8 |
| 3254–1 | Washer–Lock | 1 | 24 | 2 |
| 3254–2 | Washer–ITLW | 11 | 24 | 1 |
| 3254–2 | Washer–Lock | 1 | 23 | 2 |
| 3254–2 | Washer–Lock | 10 | 35 | 1 |
| 3254–5 | Washer–Lock | 3 | 20 | 1 |
| 3255–7 | Washer–ETLW | 11 | 8 | 3 |
| 3256–1 | Washer–Flat | 7 | 7 | 4 |
| 3256–2 | Washer–Flat | 1 | 17 | 1 |
| 3256–22 | Washer–Flat | 10 | 11 | 2 |
| 3256–23 | Washer–Flat | 12 | 5 | 1 |
| 3256–23 | Washer–Flat | 3 | 5 | 2 |
| 3256–23 | Washer–Flat | 6 | 9 | 3 |
| 3256–23 | Washer–Flat | 8 | 21 | 2 |
| 3256–23 | Washer–Flat | 7 | 32 | 1 |
| 3256–24 | Washer–Flat | 1 | 11 | 4 |
| 3256–24 | Washer–Flat | 12 | 13 | 2 |
| 3256–24 | Washer–Flat | 11 | 30 | 8 |
| 3256–26 | Washer–Flat | 12 | 8 | 1 |
| 3256–26 | Washer–Flat | 24 | 21 | 4 |
| 3257–32 | Key–Woodruff | 14 | 9 | 2 |
| 3257–32 | Key–Woodruff | 15 | 19 | 2 |
| 3257–42 | Key–Woodruff | 21 | 5 | 1 |
| 3257–42 | Key–Woodruff | 22 | 17 | 1 |
| 3257–42 | Key–Woodruff | 23 | 17 | 1 |
| 3257–42 | Key–Woodruff | 5 | 17 | 1 |
| 3258–166 | Screw–Round Hd. | 7 | 6 | 4 |
| 3269–32 | Rivet–Pop | 11 | 9 | 2 |
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| 3272–10 | Pin–Cotter | 8 | 17 | 2 |
| 3272–10 | Pin–Cotter | 21 | 45 | 2 |
| 3272–12 | Pin–Cotter | 8 | 15 | 2 |
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| 3290–378 | Tie–Cable | 10 | 29 | 1 |
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| 3290–379 | Tie–Wire | 24 | 19 | 1 |
| 3290–477 | Washer–Curved | 8 | 1 | 1 |
| 3290–477 | Washer–Curved | 18 | 25 | 1 |
| 3290–496 | Nut–Panel | 2 | 46 | 4 |
| 3290–509 | Tie–Mount | 10 | 28 | 1 |
| 3296–2 | Nut–Lock | 18 | 4 | 2 |
| 3296–2 | Nut–Lock | 3 | 6 | 4 |
| 3296–4 | Nut–Lock | 13 | 8 | 1 |
| 3296–4 | Nut–Lock | 6 | 16 | 2 |
| 3296–8 | Nut–Lock | 18 | 1 | 3 |
| 3296–8 | Nut–Lock | 4 | 8 | 1 |
| 3296–9 | Nut–Lock | 13 | 21 | 2 |
| 3296–23 | Nut–Lock | 4 | 2 | 2 |
| 3296–23 | Nut–Lock | 14 | 10 | 2 |
| 3296–23 | Nut–Lock | 12 | 12 | 1 |
| 3296–25 | Nut–Lock | 6 | 36 | 2 |
| 3296–29 | Nut–Hex. | 14 | 12 | 8 |
| 3296–29 | Nut–Lock | 13 | 4 | 2 |
| 3296–29 | Nut–Lock | 26 | 4 | 4 |
| 3296–29 | Nut–Lock | 3 | 4 | 2 |
| 3296–29 | Nut–Lock | 8 | 4 | 2 |
| 3296–29 | Nut–Lock | 12 | 6 | 1 |
| 3296–29 | Nut–Lock | 1 | 9 | 3 |
| 3296–29 | Nut–Lock | 6 | 12 | 6 |
| 3296–29 | Nut–Lock | 7 | 12 | 10 |
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| 3296–29 | Nut–Lock | 17 | 23 | 4 |
| 3296–29 | Nut–Lock | 11 | 32 | 8 |
| 3296–39 | Nut–Lock | 8 | 6 | 4 |
| 3296–39 | Nut–Lock | 12 | 14 | 1 |
| 3296–39 | Nut–Lock | 24 | 17 | 1 |
| 3296–39 | Nut–Lock | 1 | 19 | 2 |
| 3296–39 | Nut–Lock | 4 | 22 | 3 |
| 3296–39 | Nut–Lock | 13 | 23 | 1 |
| 3296–39 | Nut–Lock | 11 | 28 | 4 |
| 3296–42 | Nut–Lock | 8 | 3 | 1 |
| 3296–42 | Nut–Lock | 7 | 25 | 4 |
| 3296–42 | Nut–Lock | 1 | 27 | 2 |
| 3296–42 | Nut–Lock | 21 | 36 | 8 |
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| 32105–21 | Screw–Machine | 13 | 3 | 2 |
| 32115–15 | Retainer | 2 | 51 | 1 |
| 32120–11 | Ring–Retaining | 15 | 46 | 1 |
| 32121–6 | Pin–Roll | 8 | 9 | 2 |
| 32121–15 | Pin–Roll | 6 | 24 | 2 |
| 32121–73 | Pin–Spring | 18 | 22 | 1 |
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| 32121–111 | Pin–Roll | 6 | 2 | 1 |
| 32128–20 | Nut–Flange Lock | 1 | 14 | 1 |
| 32136–9 | Nut–Hex. | 4 | 18 | 1 |
| 32141–36 | Level–Screw | 7 | 17 | 2 |
| 32144–11 | Screw–HWHTF | 1 | 2 | 8 |
| 32144–11 | Screw–HWHTF | 18 | 14 | 4 |
| 32144–11 | Screw–HWHTF | 17 | 26 | 3 |
| 32144–11 | Screw–TAP | 10 | 6 | 3 |
| 32144–14 | Screw–HWH | 8 | 13 | 4 |
| 32144–18 | Screw–HH | 3 | 26 | 2 |
| 32144–73 | Screw–HH | 14 | 29 | 4 |
| 32148–6 | Nut–Clinch | 17 | 32 | 4 |
| 32148–8 | Nut–Clinch | 1 | 33 | 2 |
| 32148–11 | Nut–Clinch | 2 | 35 | 1 |
| 32151–46 | Ring–Retaining | 15 | 28 | 2 |
| 32152–10 | Nut | 25 | 3 | 1 |
| 3334–945 | Tie–Cable | 24 | 9 | 1 |
| 33113–008 | Screw–HH | 11 | 7 | 3 |
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| 340–77 | Fitting–Hydraulic 90° | 18 | 2 | 1 |
| 340–77 | Fitting–Hydraulic 90° | 14 | 23 | 2 |
| 340–86 | Fitting–Hydraulic Tee | 18 | 10 | 1 |
| 340–89 | Fitting–Hydraulic 45° | 4 | 30 | 2 |
| 340–92 | Fitting–Hydraulic Straight | 18 | 9 | 1 |
| 340–98 | Fitting–Hydraulic 90° | 14 | 6 | 2 |
| 340–121 | Fitting–Hydraulic Tee | 18 | 15 | 2 |
| 340–127 | Nut–Bulkhead | 18 | 16 | 2 |
| 340–142 | Fitting–Hydraulic 90° | 24 | 13 | 2 |
| 353–550 | Plug–Hydraulic | 17 | 39 | 1 |
| 353–987 | Fitting–Hydraulic 90° | 17 | 9 | 1 |
| 353–988 | Plug | 15 | 22 | 1 |
| 353–990 | Plug | 23 | 24 | 2 |
| 354–73 | Fitting–Hydraulic Straight | 17 | 16 | 1 |
| 354–120 | Fitting–Hydraulic 90° | 17 | 6 | 1 |
| 354–126 | Fitting–Hydraulic 45° | 14 | 34 | 1 |

*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 Sand Pro 5020 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 Sand Pro 5020, 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 Sand Pro 5020.
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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