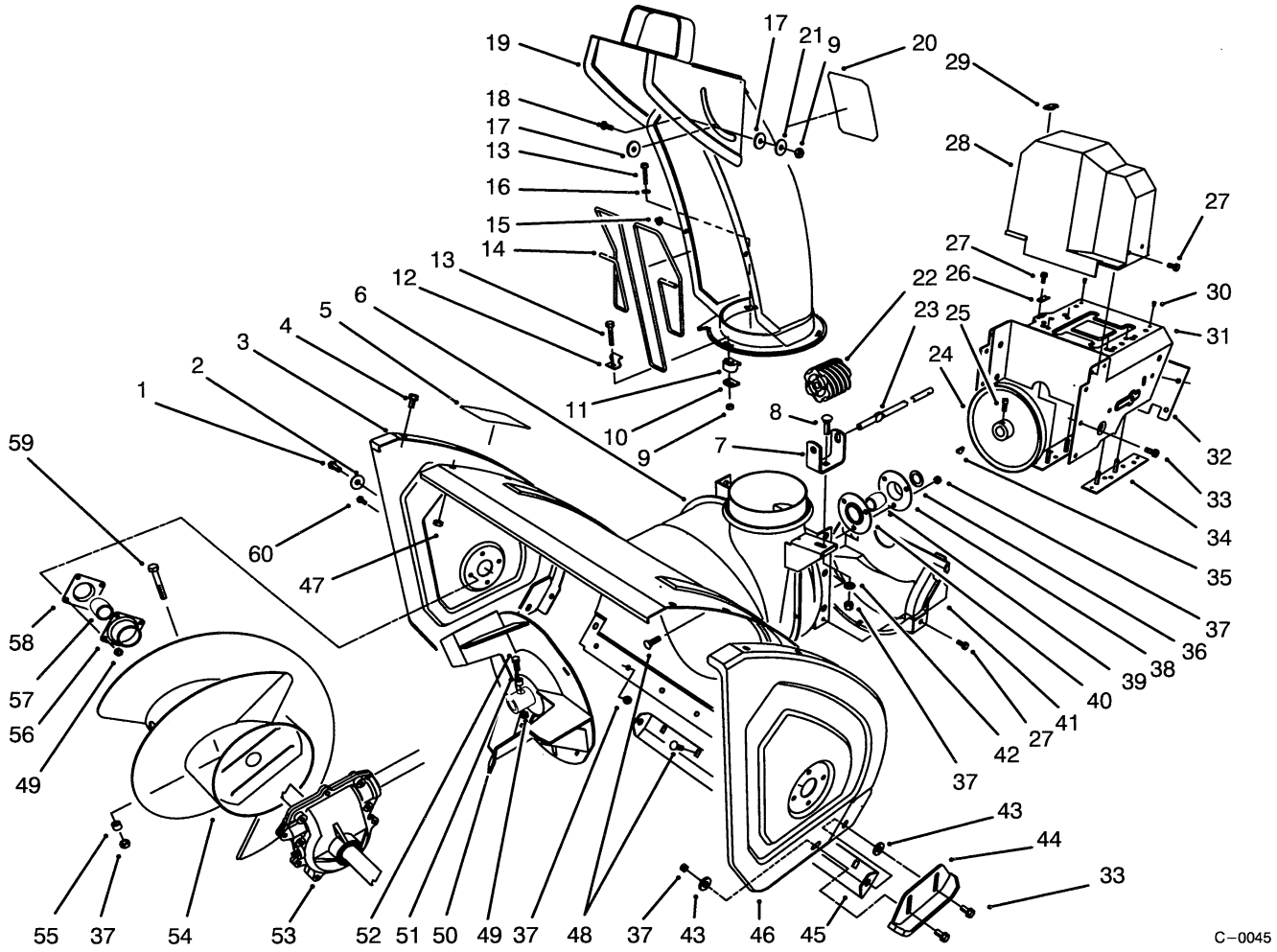
FORM NO. 3316–336

TORO®

MODEL NO. 38570–4900001 & UP

PARTS CATALOG

# 828 SNOWTHROWER



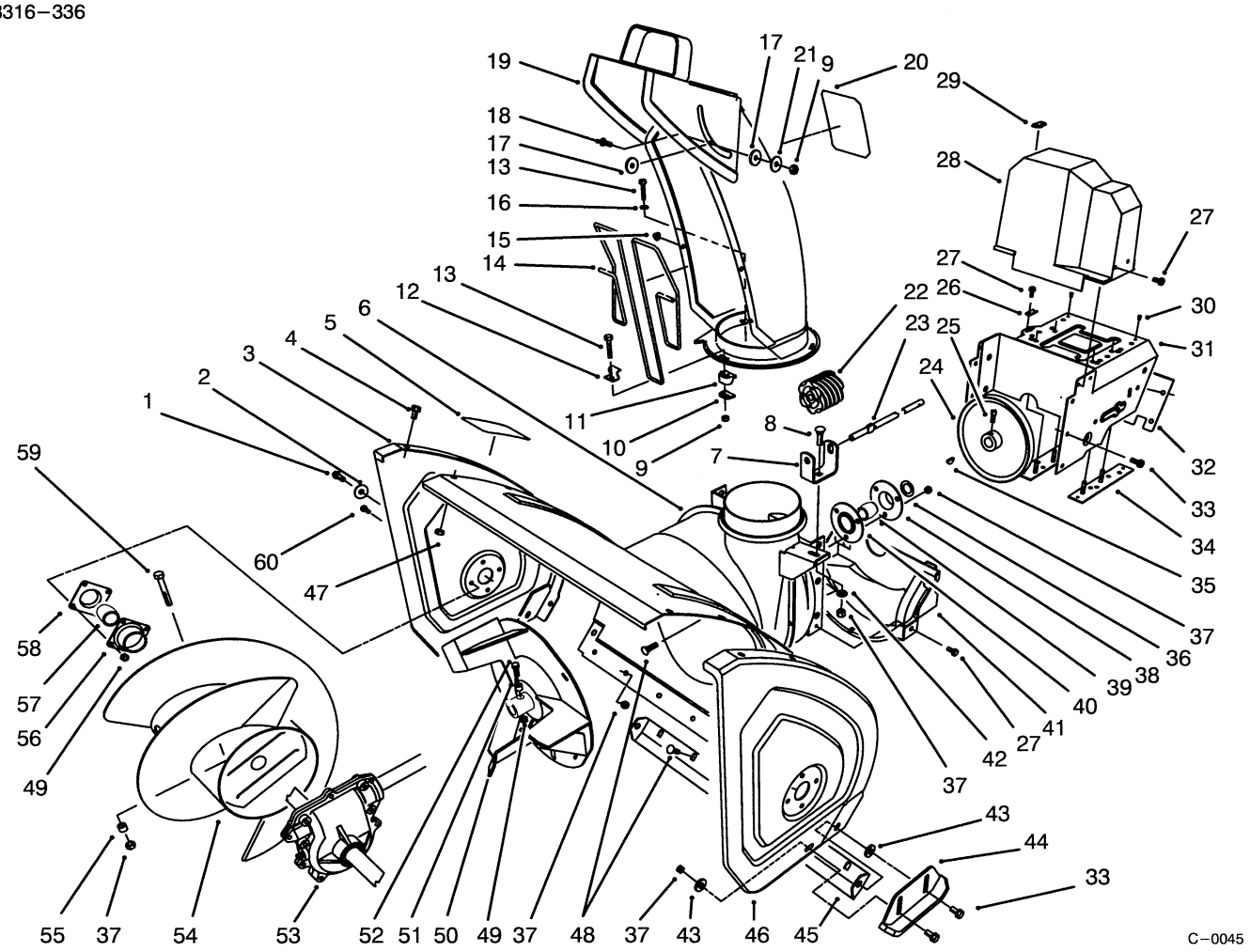

## HOUSING & CHUTE ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 323–6 | Screw – Hex Hd. | 2 |
| 2 | 3–0750 | Washer – Retaining | 2 |
| 3 | 66–7821 | Plate – Side R.H. | 1 |
| 4 | 3234–28 | Screw – Hex Flange Hd. | 12 |
| 5 | 53–7670 | Decal – Danger Auger | 1 |
| 6 | 62–0721 | Housing – 28" | 1 |
| 7 | 63–2180 | Bracket – Gear | 1 |
| 8 | 3230–2 | Bolt – Carriage | 1 |
| 9 | 3296–2 | Nut – Lock | 4 |
| 10 | 63–2670 | Plate – Chute Retainer | 3 |
| 11 | 62–1430 | Retainer – Chute | 3 |
| 12 | 63–3130 | Clip – Chute Guard | 1 |
| 13 | 3274–13 | Screw – Machine | 3 |
| 14 | 63–3020 | Guard – Chute | 1 |
| 15 | 3290–326 | Nut – Push | 2 |
| 16 | 3256–14 | Washer – Flat | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 17 | 63–2900 | Washer – Plastic | 2 |
| 18 | 32122–32 | Screw | 1 |
| 19 | 62–0840 | Chute Assembly | 1 |
| 20 | 63–3740 | Decal – Danger Chute | 1 |
| 21 | 3256–61 | Washer – Flat | 1 |
| 22 | 62–0820 | Gear – Worm | 1 |
| 23 | 62–1720 | Rod – Chute Gear | 1 |
| 24 | 62–1300 | Pulley – Impeller | 1 |
| 25 | 3242–4 | Screw – Set Sq. Hd. | 2 |
| 26 | 63–2300 | Retainer – Cable | 1 |
| 27 | 32144–4 | Screw – Hex Flange Hd. | 6 |
| 28 | 63–2080 | Cover – Belt (Upper) | 1 |
| 29 | 63–3290 | Cover – Cable | 1 |
| 30 | 3269–23 | Rivet | 4 |
| 31 | 66–6981 | Frame – Engine | 1 |
| 32 | 62–1440 | Cover – Engine Frame | 1 |

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TPS

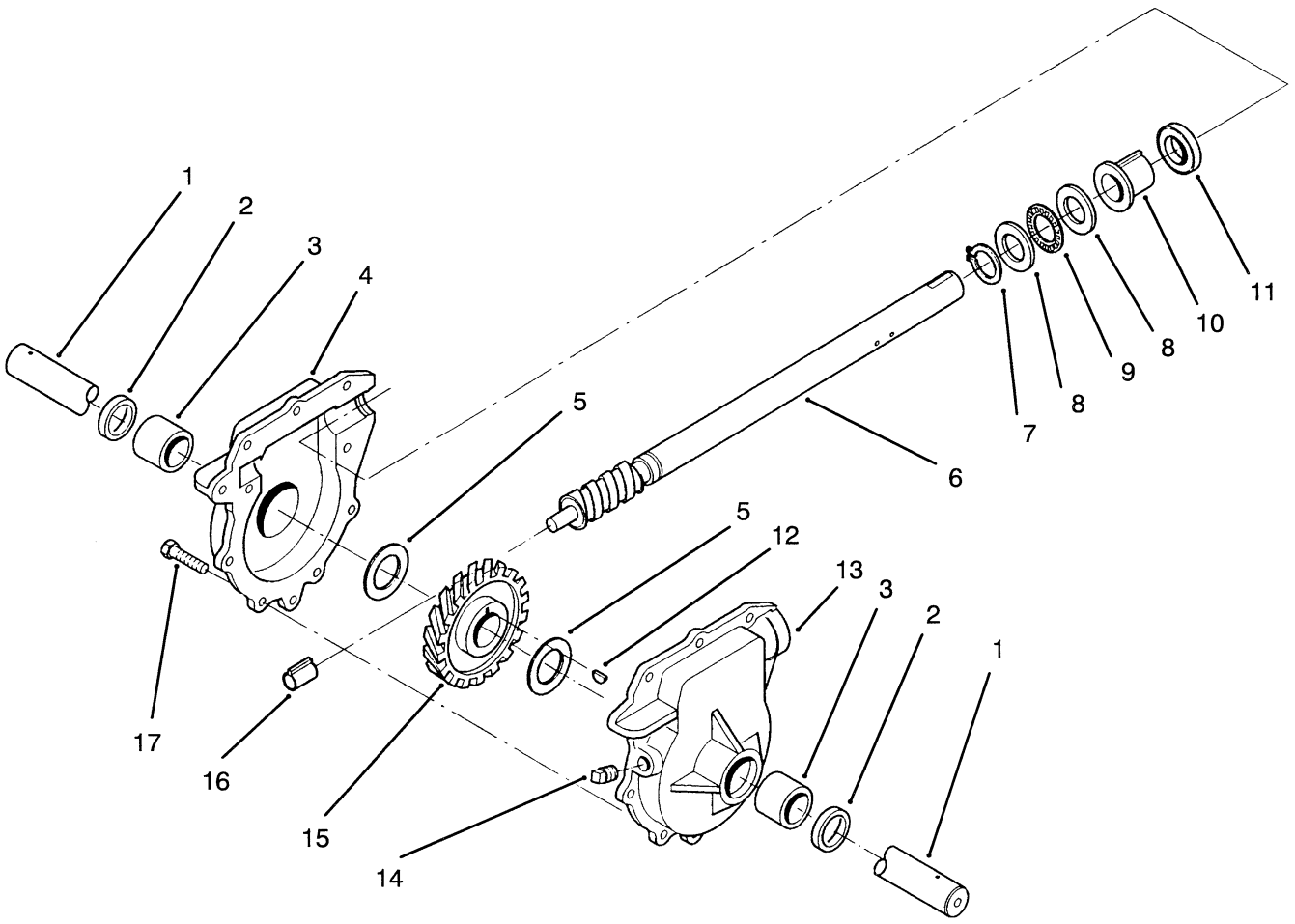



# HOUSING ASSEMBLY (Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 33 | 3234–5 | Screw – Hex. Washer Hd. | 10 |
| 34 | 68–4170 | Plate – Engine Stud L.H. | 1 |
| * | 68–4160 | Plate – Engine Stud R.H. | 1 |
| 35 | 3257–23 | Key – Woodruff | 1 |
| 36 | 252–80 | Washer – Thrust | 1 |
| 37 | 3296–29 | Nut – Lock | 14 |
| 38 | | Flange – Bearing (Rear) | 1 |
| 39 | 63–3450 | Bearing – Impeller | 1 |
| 40 | | Flange – Bearing (Front) | 1 |
| 41 | 68–8410 | Cover – Belt (Lower) | 1 |
| 42 | 3256–23 | Washer – Flat | 1 |
| 43 | 52–2861 | Washer | 4 |
| 44 | 74–1440 | Skid Assembly | 2 |
| 45 | 66–7761 | Blade – Scraper | 1 |
| 46 | 66–7831 | Plate – Side L.H. | 1 |
| 47 | 3296–47 | Nut – Lock | 12 |
| 48 | 3230–23 | Screw – Carriage | 9 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 49 | 3296–42 | Nut – Lock | 10 |
| 50 | 66–7920 | Impeller | 1 |
| 51 | 66–8010 | Spacer | 2 |
| 52 | 321–44 | Screw – Hex. Hd. | 2 |
| 53 | 74–1561 | Auger Gearbox Assembly | 1 |
| 54 | 63–2751 | Auger – R.H. | 1 |
| * | 63–2761 | Auger – L.H. | 1 |
| 55 | 25–5090 | Spacer – Auger Hub | 2 |
| 56 | 20–0990 | Flange – Bearing (Inner) | 2 |
| 57 | 20–0980 | Bearing – Auger | 2 |
| 58 | 20–1000 | Flange – Bearing (Outer) | 2 |
| 59 | 17–7030 | Bolt – Auger | 2 |
| 60 | 321–3 | Screw – Hex Hd. | 8 |
| * | 12–8789 | Impeller Bearing Assembly (Incl. Ref. #38–40) | 1 |
| * | 12–8949 | Loose Parts | 1 |

*Not Illustrated



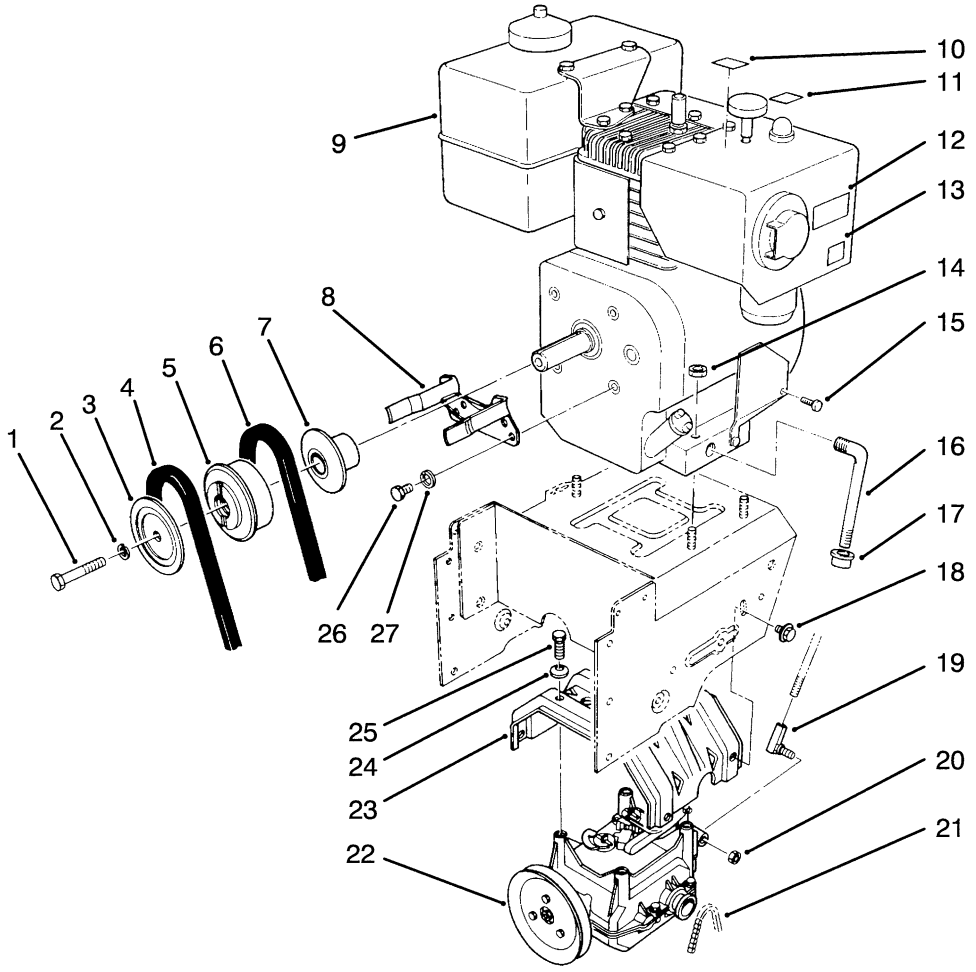

C–1015

# 28" AUGER GEARCASE ASSEMBLY NO. 74–1561

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 62–1531 | Shaft – Auger (28") | 1 |
| 2 | 7–0045 | Seal – Oil | 2 |
| 3 | 256–237 | Bushing – Sleeve | 2 |
| 4 | 74–1580 | Gearcase Assembly – R.H. (Incl. Ref. # 2–3) | 2 |
| 5 | 252–71 | Bearing – Thrust | 2 |
| 6 | 66–7811 | Shaft – Impeller | 1 |
| 7 | 32151–33 | Ring – Snap | 1 |
| 8 | 252–78 | Washer – Thrust | 2 |
| 9 | 252–76 | Bearing – Thrust | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 10 | 37–6560 | Bushing – Input | 1 |
| 11 | 253–149 | Seal – Input | 1 |
| 12 | 3257–10 | Key – Woodruff | 1 |
| 13 | 74–1570 | Gearcase Assembly – L.H. (Incl. Ref. # 2–3) | 1 |
| 14 | 281–1 | Plug – Pipe Sq. Hd. | 1 |
| 15 | 62–0120 | Gear – Helical | 1 |
| 16 | 62–1150 | Bushing – Worm | 1 |
| 17 | 32144–110 | Screw – Hex Washer Hd. | 9 |
| * | 505–129 | Sealant – 100g Tube | 1 |

*Not Illustrated



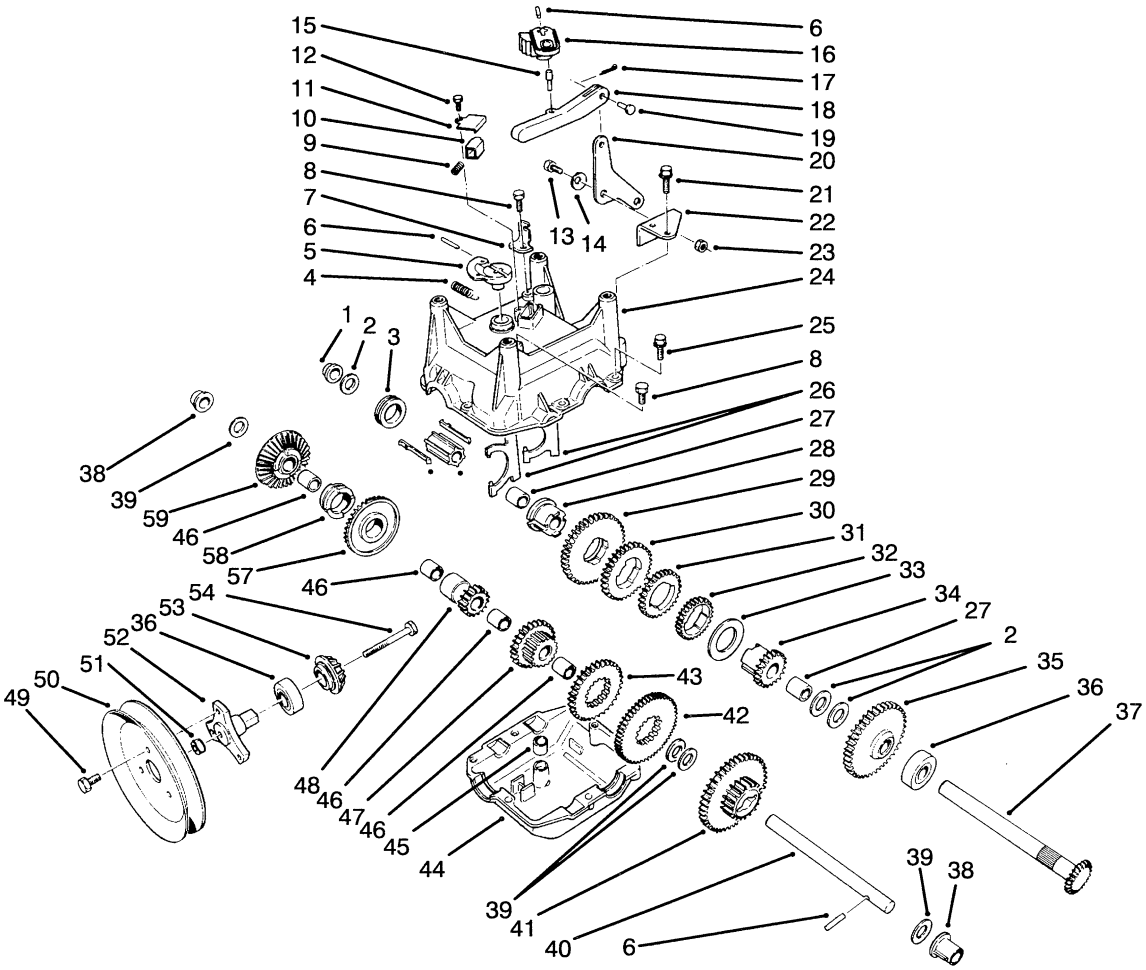

C–0050

# ENGINE ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 3212–8 | Screw – Hex. Hd. | 1 |
| 2 | 3253–6 | Washer – Lock | 1 |
| 3 | 62–0940 | Sheave Half – Impeller | 1 |
| 4 | 63–2964 | Belt – Impeller | 1 |
| 5 | 62–0930 | Hub – Sheave | 1 |
| 6 | 63–2953 | Belt – Traction | 1 |
| 7 | 62–0920 | Sheave Half – Traction | 1 |
| 8 | 68–7510 | Guide – Belt | 1 |
| †9 | | Engine – Briggs & Stratton | 1 |
| 10 | 63–2340 | Decal – Throttle | 1 |
| 11 | 63–2320 | Decal – Primer | 1 |
| 12 | 66–6840 | Decal – Hot Surface | 1 |
| 13 | 63–2360 | Decal – Choke | 1 |
| 14 | 32128–20 | Nut – Lock | 4 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 15 | 2210–250 | Screw – Hex. Washer Hd. | 1 |
| 16 | 67–9301 | Pipe – Oil Drain | 1 |
| 17 | 288–10 | Cap – Pipe | 1 |
| 18 | 3234–7 | Screw – Hex Flange Hd. | 4 |
| 19 | 63–2640 | Joint– Ball | 1 |
| 20 | 3296–39 | Nut – Lock | 1 |
| 21 | 63–2930 | Chain – Drive | 1 |
| 22 | 66–8030 | Transmission Assembly | 1 |
| 23 | 63–2990 | Frame – Transmission | 1 |
| 24 | 3290–461 | Washer – Belleville | 4 |
| 25 | 11–0590 | Screw – Hex Hd. | 4 |
| 26 | 3210–1 | Screw – Hex Hd. | 2 |
| 27 | 3253–4 | Washer – Lock | 2 |

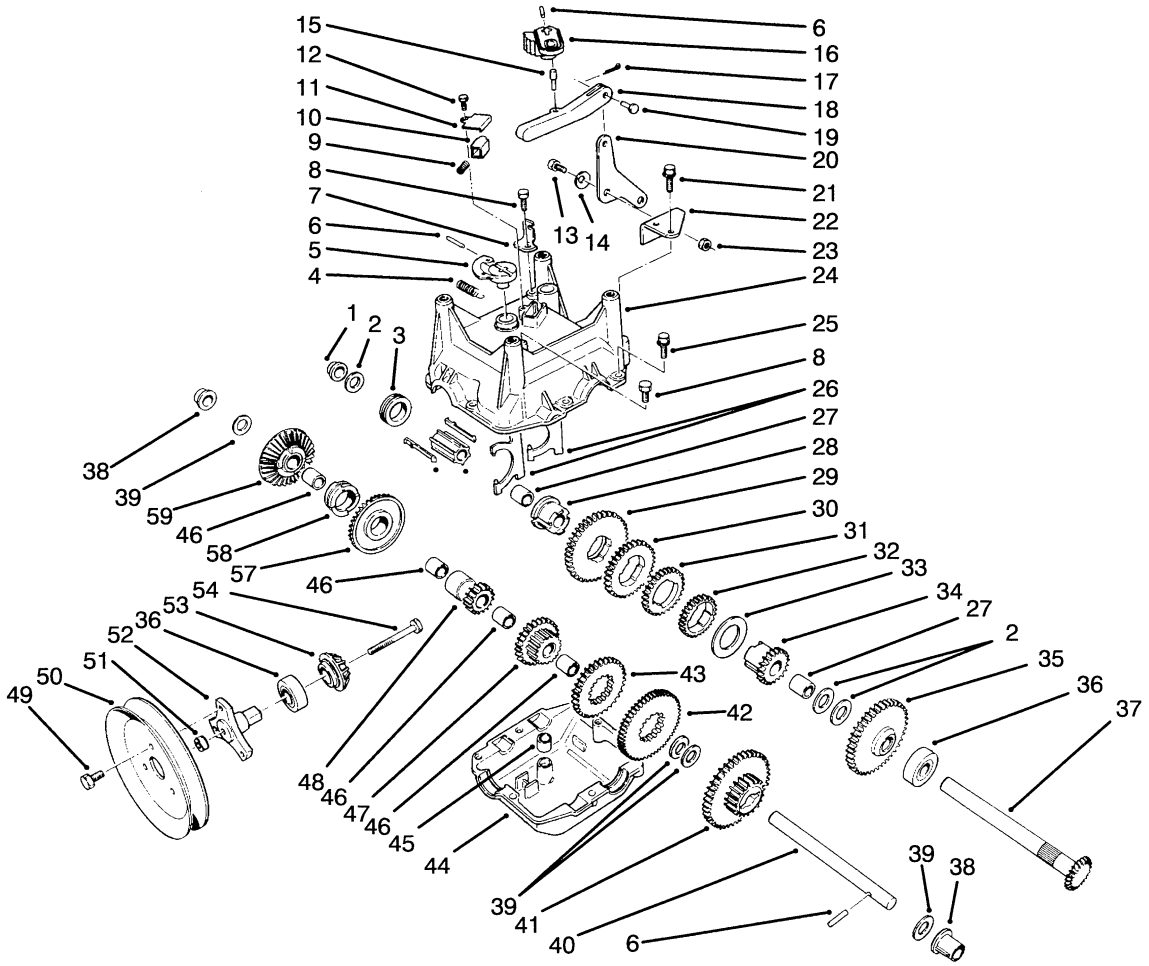
†Obtain from your local Briggs & Stratton Dealer.




# TRANSMISSION ASSEMBLY NO. 66–8030

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 62–1180 | Bushing – Output (Flange) | 1 |
| 2 | 252–59 | Washer – Thrust | 3 |
| 3 | 62–0430 | Collar – Shift (Speed) | 1 |
| 4 | 63–2920 | Spring – Extension (F/R Return) | 1 |
| 5 | 62–0880 | Lever – Direction Shift | 1 |
| 6 | 32121–106 | Pin – Coil | 3 |
| 7 | 62–1740 | Bracket – Cable | 1 |
| 8 | 32144–4 | Screw – Self Tapping | 2 |
| 9 | 63–2890 | Spring – Compression (Detent) | 1 |
| 10 | 62–1020 | Button – Detent | 1 |
| 11 | 62–1690 | Cover – Detent | 1 |
| 12 | 32104–71 | Screw – Pan Hd. | 1 |
| 13 | 63–3410 | Bolt – Shoulder | 1 |
| 14 | 3290–477 | Washer – Curved | 1 |
| 15 | 63–2190 | Pin – Gearshift Link | 1 |
| 16 | 62–0870 | Lever – Gear Shift | 1 |
| 17 | 3272–1 | Pin – Cotter | 1 |
| 18 | 62–0860 | Link – Gearshift | 1 |
| 19 | 283–3 | Pin – Clevis | 1 |
| 20 | 63–2600 | Bellcrank | 1 |
| 21 | 32104–95 | Screw – Hex Washer Hd. | 2 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 22 | 62–1190 | Bracket – Bellcrank | 1 |
| 23 | 3296–42 | Nut – Lock | 1 |
| 24 | 62–0490 | Gear Case – Upper | 1 |
| 25 | 32144–86 | Screw – Hex Washer Hd. | 6 |
| 26 | 62–1040 | Yoke–Shift | 2 |
| 27 | 62–1350 | Bushing – Output | 2 |
| 28 | 62–0320 | Sleeve | 1 |
| 29 | 62–0240 | Gear – 45T | 1 |
| 30 | 62–0220 | Gear – 34T | 1 |
| 31 | 62–0200 | Gear – 27T | 1 |
| 32 | 62–0250 | Gear – 29T | 1 |
| 33 | 63–2280 | Washer – Thrust | 1 |
| 34 | 62–0340 | Sleeve – Gear 19T | 1 |
| 35 | 62–0370 | Gear – 41T | 1 |
| 36 | 38–7820 | Bearing – Ball | 2 |
| 37 | 62–1080 | Shaft – Output | 1 |
| 38 | 62–1170 | Bushing – Flange | 2 |
| 39 | 257–10 | Washer – Thrust | 4 |
| 40 | 62–0330 | Shaft – Intermediate | 1 |
| 41 | 62–0360 | Gear – Compound 19T/41T | 1 |
| 42 | 62–0260 | Gear – 51T | 1 |
| 43 | 62–0210 | Gear – 33T | 1 |
| 44 | 62–0480 | Gear Case – Lower | 1 |

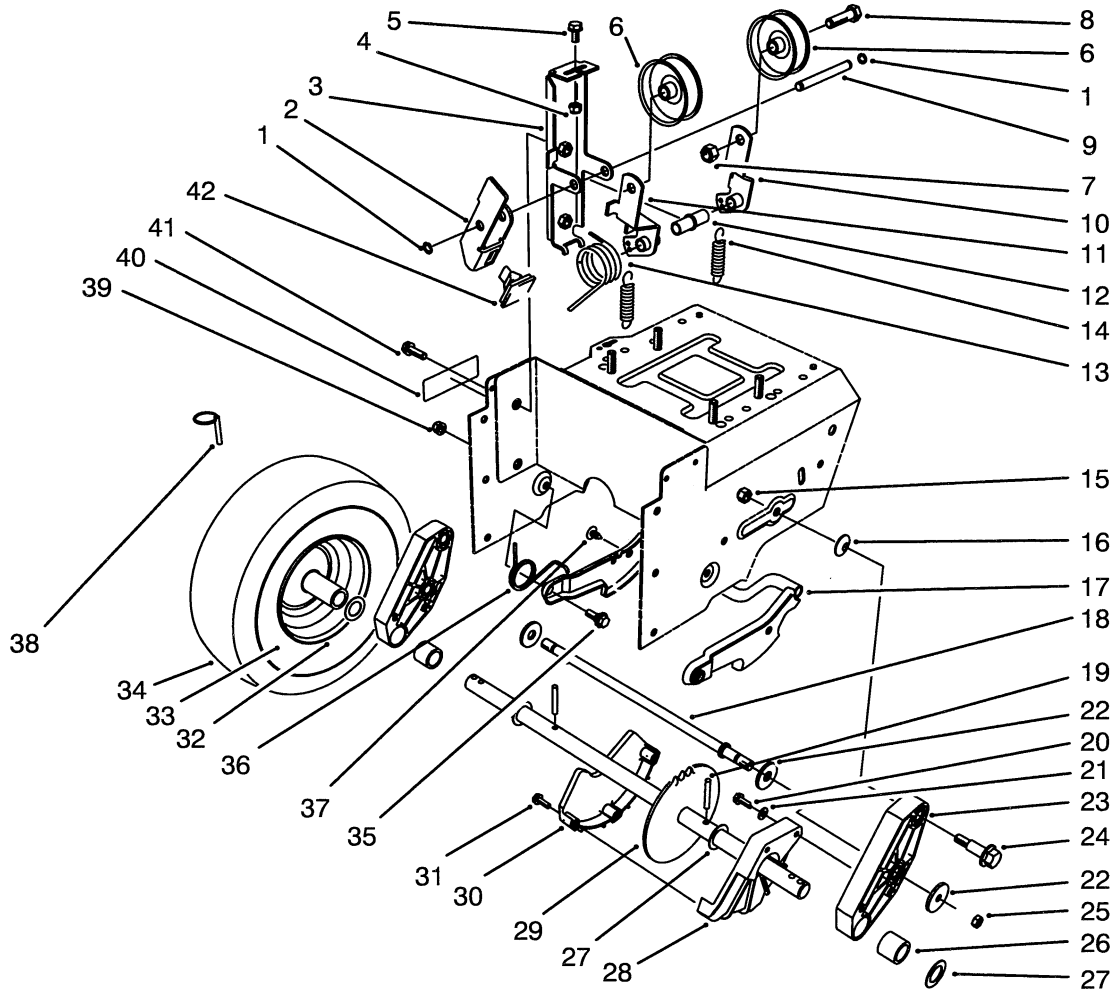



# TRANSMISSION ASSEMBLY NO. 66–8030 (Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 45 | 29–9570 | Bushing – Yoke | 1 |
| 46 | 62–1160 | Bushing – Intermediate | 4 |
| 47 | 68–4310 | Gear – 26T | 1 |
| 48 | 62–0500 | Gear – 15T | 1 |
| 49 | 12–3270 | Screw | 3 |
| 50 | 62–1310 | Pulley – Traction | 1 |
| 51 | 32128–32 | Nut – Flange Lock | 1 |
| 52 | 62–0380 | Hub – Pulley | 1 |
| 53 | 62–0350 | Pinion – Bevel 19T | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 54 | 321–15 | Screw – Hex Hd. | 1 |
| 55 | 68–4320 | Sleeve – Shift | 1 |
| 56 | 62–0310 | Key – Shift | 2 |
| 57 | 67–5870 | Gear – Bevel 36T | 1 |
| 58 | 67–5880 | Collar – Shift | 1 |
| 59 | 13–3559 | Gear – Bevel Reverse 36T (Incl. Ref. #46) | 1 |
| * | 505–101 | Grease – 14.5 oz. Cartridge | 1 |

*Not Illustrated

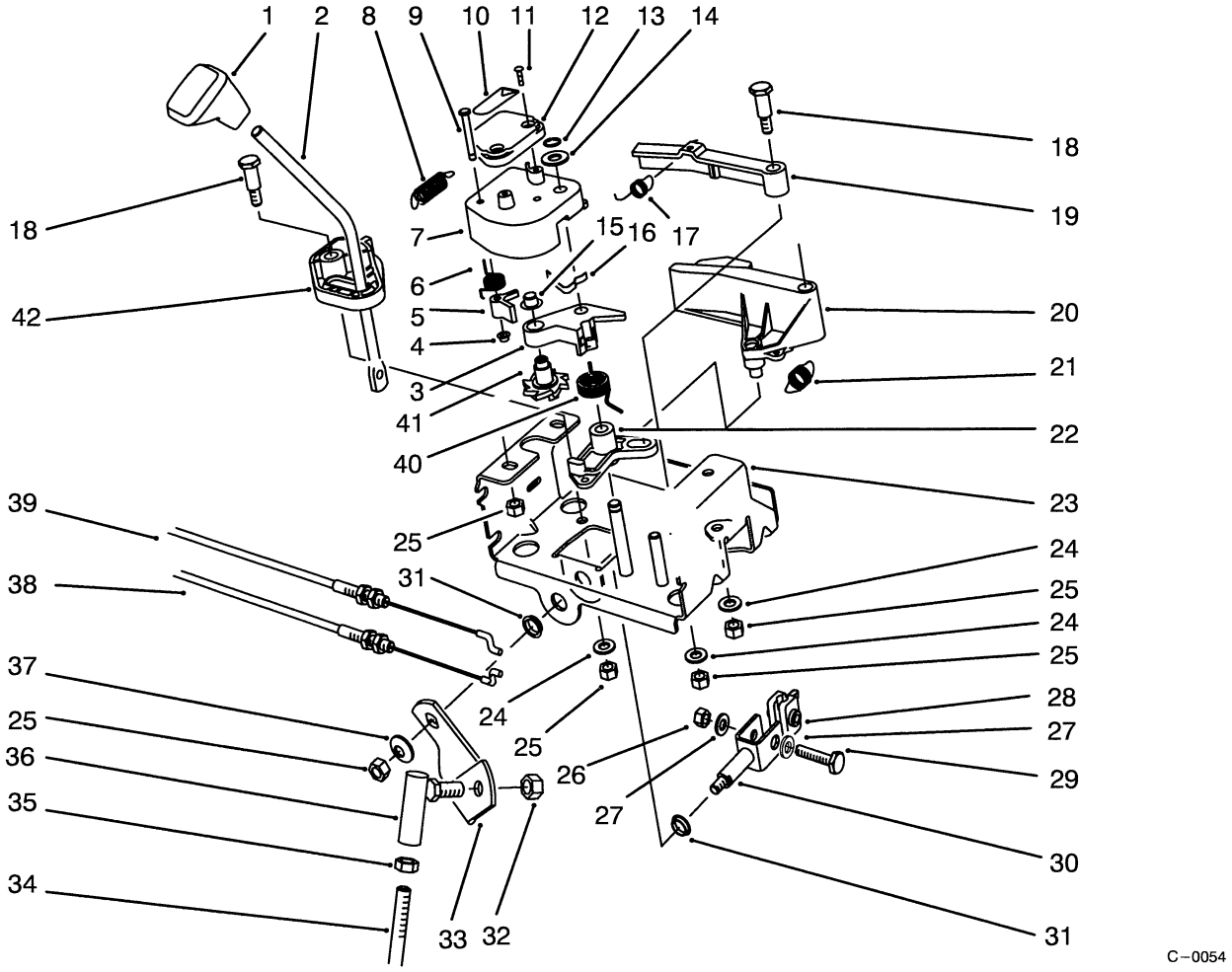



C–0053

# TRACTION DRIVE ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 32120–46 | Ring – Retaining | 2 |
| 2 | 63–2820 | Arm – Brake | 1 |
| 3 | 63–2850 | Bracket – Idler Arm | 1 |
| 4 | 3296–42 | Nut – Lock | 1 |
| 5 | 3234–13 | Screw – Hex. Hd. | 1 |
| 6 | 3–4244 | Pulley – Idler | 2 |
| 7 | 3296–59 | Nut – Lock | 2 |
| 8 | 323–7 | Screw – Hex Hd. | 2 |
| 9 | 62–0970 | Pin – Idler | 1 |
| 10 | 62–1260 | Arm – Traction Idler | 1 |
| 11 | 62–1280 | Arm – Impeller Idler | 1 |
| 12 | 62–1210 | Bushing – Idler | 1 |
| 13 | 63–2881 | Spring – Torsion | 1 |
| 14 | 63–2870 | Spring – Extension | 2 |
| 15 | 3296–39 | Nut – Lock | 2 |
| 16 | 3290–461 | Washer – Belleville | 2 |
| 17 | 62–0470 | Latch – Arm | 1 |
| 18 | 66–7720 | Rod – Latch | 1 |
| 19 | 32121–9 | Pin – Roll | 2 |
| 20 | 32144–4 | Screw – Hex Flange Hd. | 2 |
| 21 | 3256–1 | Washer – Flat | 2 |
| 22 | 63–3340 | Washer | 4 |
| 23 | 66–7740 | Pivot Arm Assembly (Incl. Ref. # 26) | 2 |
| 24 | 62–1330 | Bolt – Shoulder | 2 |
| 25 | 3296–23 | Nut – Lock | 2 |
| 26 | 63–2250 | Bushing – Axle | 2 |
| 27 | 252–80 | Washer – Thrust | 4 |
| 28 | 62–1010 | Guard – Chain L.H. | 1 |
| 29 | 63–2112 | Axle Assembly | 1 |
| 30 | 62–1000 | Guard – Chain R.H. | 1 |
| 31 | 32104–121 | Screw – Hex Flange Hd. | 3 |
| 32 | 241–127 | Rim – Wheel | 2 |
| 33 | 232–48 | Tube – Inner | 2 |
| 34 | 231–123 | Tire | 2 |
| 35 | 5–2490 | Bolt – Shoulder | 2 |
| 36 | 63–2740 | Spring – Torsion | 1 |
| 37 | 3290–476 | Fastener – Panel | 1 |
| 38 | 3290–243 | Pin – Klik | 2 |
| 39 | 3296–47 | Nut – Lock | 2 |
| 40 | 66–6860 | Decal – Warning | 1 |
| 41 | 3234–7 | Screw – Hex Flange Hd. | 2 |
| 42 | 66–8060 | Pad – Brake | 1 |
| * | 66–6820 | Spacer – Tire Chain | 2 |
| * | | Wheel & Tire Assembly (Incl.Ref.#32–34) | 21 |

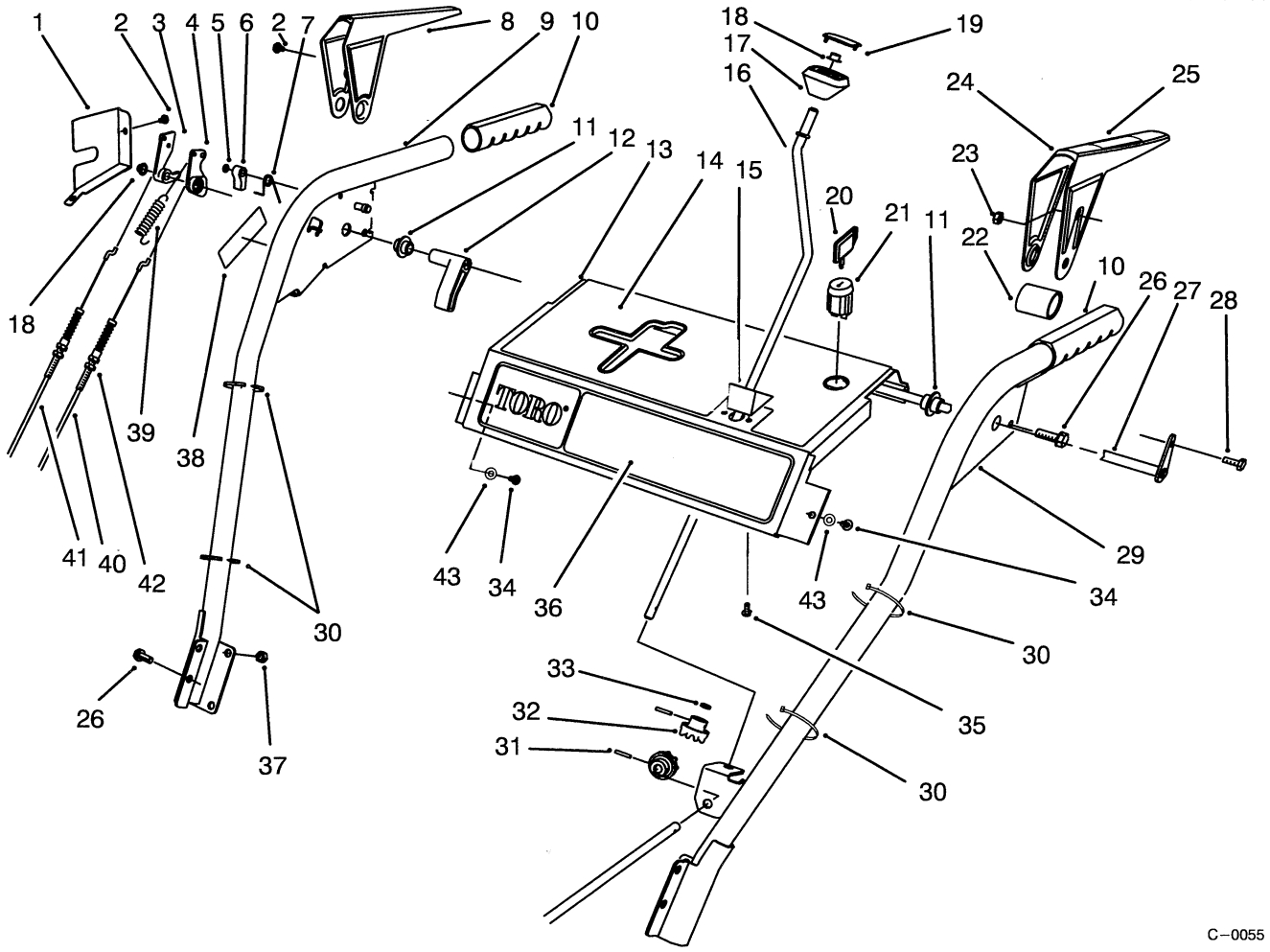
*Not Illustrated




# TRACTION LINKAGE ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 62–1290 | Knob – Shift | 1 |
| 2 | 67–9240 | Rod – Shift (Upper) | 1 |
| 3 | 62–1110 | Lever – Index Wheel | 1 |
| 4 | 3290–422 | Nut – Push | 1 |
| 5 | 62–0180 | Tang – Index | 1 |
| 6 | 62–1650 | Spring – Torsion | 1 |
| 7 | 62–1100 | Lever – Latch | 1 |
| 8 | 63–2220 | Spring – Extension | 1 |
| 9 | 63–2610 | Pin – Tang | 1 |
| 10 | 63–2480 | Decal – #2 | 1 |
| 11 | 32104–118 | Screw – Pan Hd. | 2 |
| 12 | 62–1140 | Cover – Latch | 1 |
| 13 | 32120–46 | Ring – Retaining | 1 |
| 14 | 257–9 | Washer – Thrust | 1 |
| 15 | 3290–320 | Nut – Push | 1 |
| 16 | 62–1710 | Spring – Flat | 1 |
| 17 | 63–2240 | Spring – Extension | 1 |
| 18 | 63–2650 | Screw – Shoulder | 2 |
| 19 | 62–1700 | Lever – Lockout | 1 |
| 20 | 62–1130 | Lever – Reverse | 1 |
| 21 | 63–2230 | Spring – Extension | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 22 | 62–1120 | Lever – Reverse | 1 |
| 23 | 63–2150 | Frame – Control | 1 |
| 24 | 3256–23 | Washer – Flat | 3 |
| 25 | 3296–29 | Nut – Lock | 7 |
| 26 | 3296–42 | Nut – Lock | 1 |
| 27 | 3256–1 | Washer – Flat | 2 |
| 28 | 67–9250 | Retainer – Shift Rod | 1 |
| 29 | 321–9 | Screw – Cap Hex. Hd. | 1 |
| 30 | 66–7730 | Clevis | 1 |
| 31 | 256–296 | Bushing – Nyliner | 2 |
| 32 | 3296–39 | Nut – Lock | 1 |
| 33 | 63–2630 | Bracket – Shift | 1 |
| 34 | 63–2830 | Rod – Shift (Lower) | 1 |
| 35 | 3220–3 | Nut – Jam | 2 |
| 36 | 63–2640 | Joint – Ball | 1 |
| 37 | 3290–456 | Washer – Belleville | 1 |
| 38 | 63–2210 | Cable – Gearbox | 1 |
| 39 | 63–2200 | Cable – Latch | 1 |
| 40 | 63–2270 | Spring – Torsion | 1 |
| 41 | 62–0170 | Wheel – Index | 1 |
| 42 | 62–1470 | Base – Lockout | 1 |

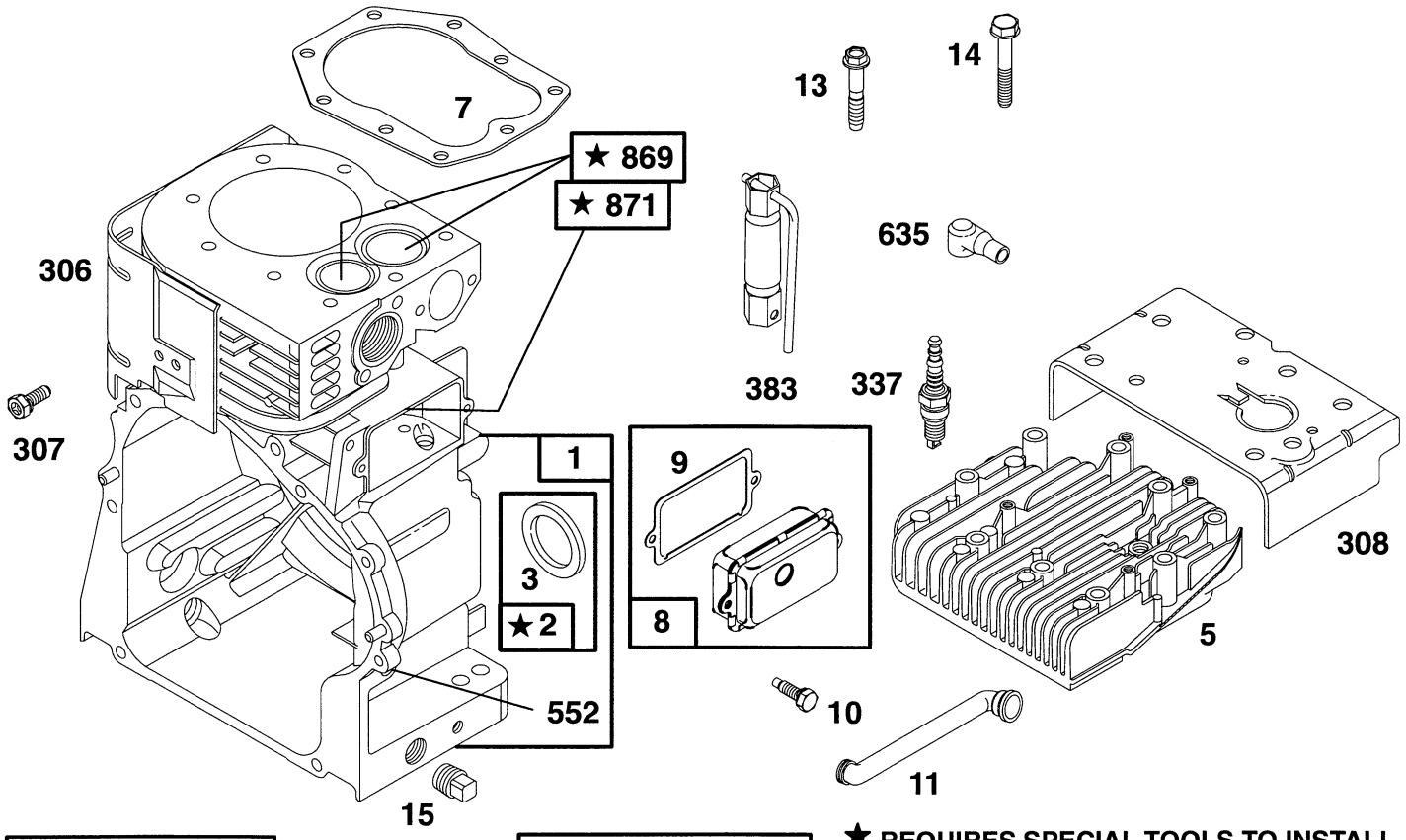



# HANDLE ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 63–2170 | Cover – Lever Lock | 1 |
| 2 | 2210–250 | Screw | 3 |
| 3 | 62–0300 | Tang – Locking | 1 |
| 4 | 62–0290 | Cam – Release | 1 |
| 5 | 32151–66 | Ring – Retaining | 1 |
| 6 | 62–0280 | Latch – Lock | 1 |
| 7 | 63–2910 | Spring – Torsion | 1 |
| 8 | 62–1050 | Lever – Impeller | 1 |
| 9 | 62–1381 | Handle – R.H. | 1 |
| 10 | 66–7850 | Handlegrip | 2 |
| 11 | 62–1070 | Bushing – Lever | 2 |
| 12 | 62–1640 | Lever – Trip | 1 |
| 13 | 66–8100 | Panel – Control | 1 |
| 14 | 66–6850 | Decal – Panel Top | 1 |
| 15 | 62–1490 | Plate – Guide | 1 |
| 16 | 63–2160 | Rod – Chute Crank | 1 |
| 17 | 62–1320 | Knob – Chute Control | 1 |
| 18 | 3290–320 | Nut – Push | 2 |
| 19 | 62–1520 | Cover – Knob | 1 |
| 20 | 63–8360 | Key – Switch | 1 |
| 21 | 40–5940 | Switch – On/Off | 1 |
| 22 | 63–3380 | Spacer – Traction Lever | 1 |
| 23 | 3296–2 | Nut – Lock | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 24 | 62–1060 | Lever – Traction | 1 |
| 25 | 63–3050 | Decal – Lever | 1 |
| 26 | 3234–7 | Screw – Hex Flange Hd. | 6 |
| 27 | 63–2030 | Rod – Cross | 1 |
| 28 | 3290–359 | Screw | 1 |
| 29 | 66–8091 | Handle – L.H. | 1 |
| 30 | 3290–378 | Tie – Cable | 3 |
| 31 | 32121–50 | Pin – Roll | 2 |
| 32 | 62–1460 | Gear – Universal | 2 |
| 33 | 62–1230 | Washer – Rubber | 1 |
| 34 | 32104–76 | Screw – Self Tapping | 2 |
| 35 | 32104–118 | Screw – Pan Hd. | 2 |
| 36 | 63–2520 | Decal – Panel Front | 1 |
| 37 | 3296–47 | Nut – Lock | 4 |
| 38 | 66–6860 | Decal – Warning | 1 |
| 39 | 88–0810 | Spring – Extension | 1 |
| 40 | 63–2710 | Cable – Traction | 1 |
| 41 | 63–2700 | Cable – Impeller | 1 |
| 42 | 3296–42 | Nut | 4 |
| 43 | 3256–14 | Washer – Flat | 2 |
| * | 63–3420 | Harness – Wire | 1 |

*Not Illustrated




**1019 LABEL KIT**

**358 GASKET SET**

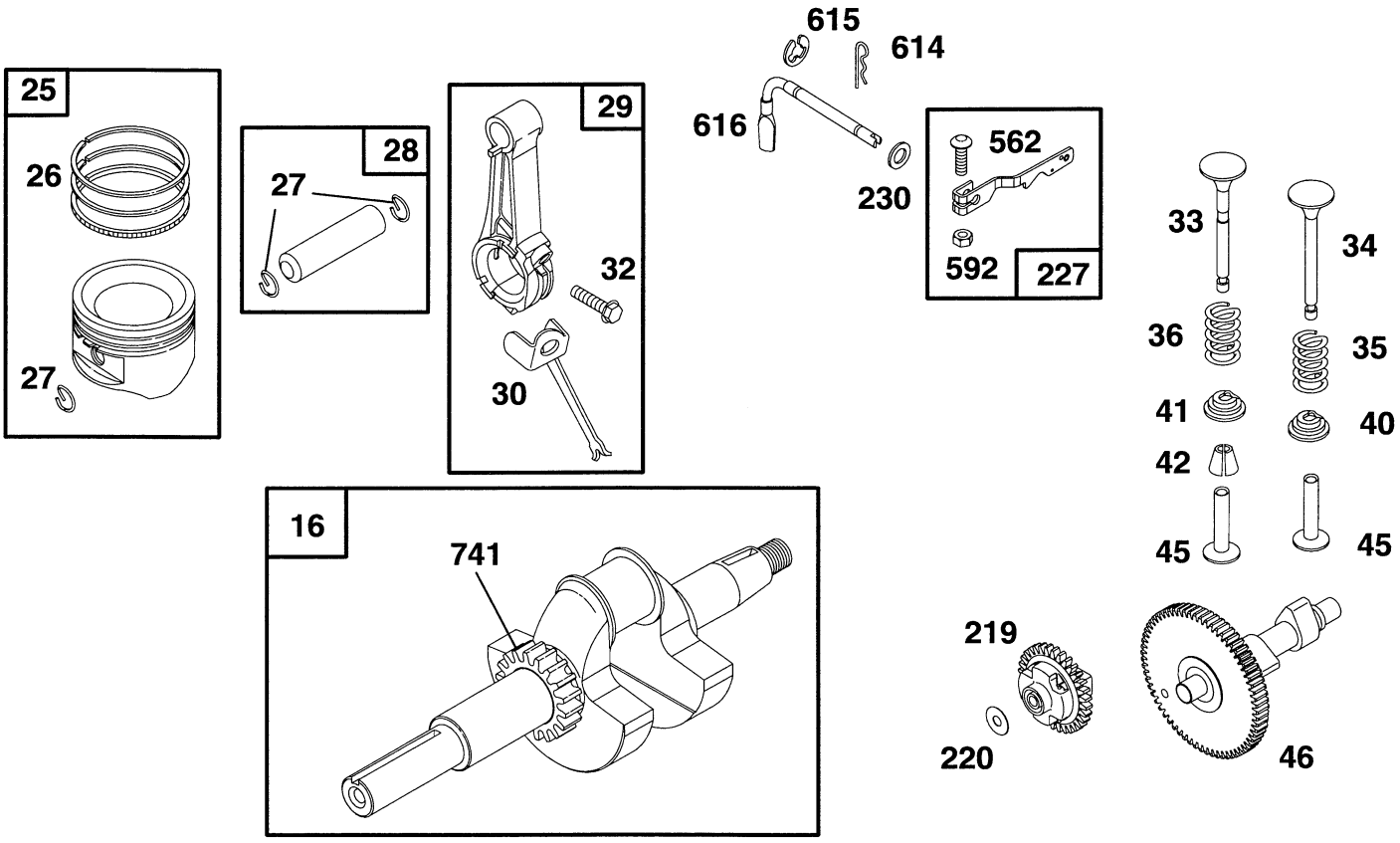
★ **REQUIRES SPECIAL TOOLS TO INSTALL. SEE REPAIR INSTRUCTION MANUAL.**

# ENGINE BRIGGS & STRATTON MODEL 190406–6142–01

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 495631 | Cylinder Assembly | |
| 2 | 495657 | Bushing–Cylinder | |
| ★3 | 391086 | Seal–Oil | |
| 5 | 212918 | Head–Cylinder | |
| ★7 | 272163 | Gasket–Cylinder Hd. | |
| 8 | 495724 | Breather Assembly | |
| ★9 | 27803 | Gasket–Valve Cover | |
| 10 | 94621 | Screw–Sem | |
| 11 | 280733 | Tube–Breather | |
| 13 | 94565 | Screw–Cylinder Head (3–9/16" Long) **Note:** 94547 Screw–Cylinder Head | |
| 15 | 94239 | Plug–Oil Drain | |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| | | **Note:** 94720 Plug–Pipe (Flush) | |
| 306 | 224898 | Shield–Cylinder | |
| 307 | 93949 | Screw–Sem | |
| 308 | 221901 | Cover–Cylinder Head | |
| 337 | 802592 | Plug–Spark | |
| 358 | 299577 | Gasket Set | |
| 383 | 89838 | Wrench–Spark Plug | |
| 552 | 491893 | Bushing–Gov. Crank | |
| 635 | 66538 | Elbow–Spark Plug | |
| 869 | 211661 | Seat–Exhaust Valve | |
| 871 | 231218 | Guide–Valve | |
| 1019 | 491181 | Label Kit | |

★ Included in Gasket Set–Part No. 299577.
● Included in Carburetor Kit–Part No. 398235.

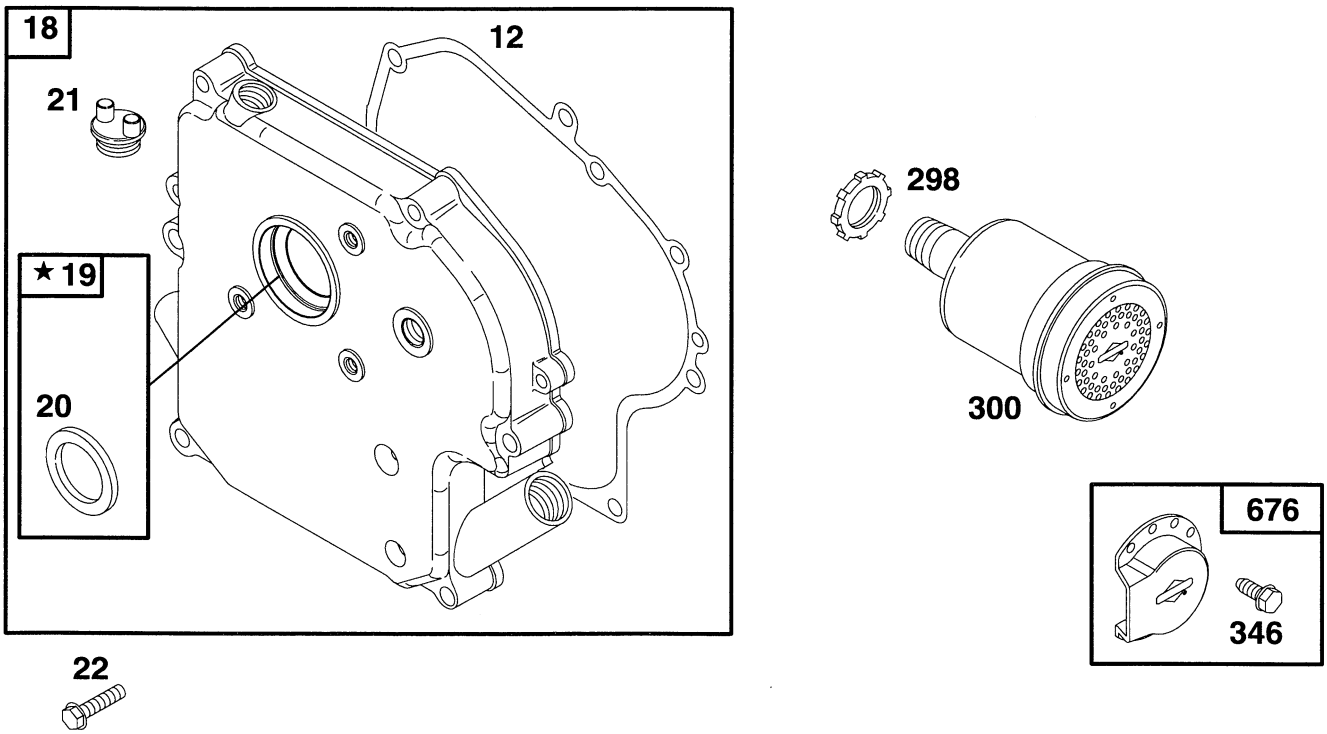



# ENGINE BRIGGS & STRATTON MODEL 190406–6142–01

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 16 | 495648 | Crankshaft<br>**Note:** For Timing Gear Retaining Device Order 94388 Key. | |
| 25 | 391673 | Piston Assy.(Standard) | |
| | 391674 | Piston Assy.(.010" O.S.) | |
| | 391675 | Piston Assy.(.020" O.S.) | |
| | 391676 | Piston Assy.(.030" O.S.) | |
| 26 | 391669 | Ring Set–Piston (Standard) | |
| | 299743 | Ring Set–Piston (Std., Chrome) | |
| | 391670 | Ring Set–Piston (.010" O.S.) | |
| | 391671 | Ring Set–Piston (.020" O.S.) | |
| | 391672 | Ring Set–Piston (.030" O.S.) | |
| 27 | 68546 | Lock–Piston Pin | |
| 28 | 295840 | Pin Assembly–Piston (Standard) | |
| | 295841 | Pin Assembly–Piston (.005" O.S.) | |
| 29 | 390401 | Rod Assembly–Connecting<br>**Note:** 390773 Rod Assy.–Connecting (.020" Undersize) | |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 30 | 222113 | Dipper–Connecting Rod | |
| 32 | 92659 | Screw Conn. Rod | |
| 33 | 390419 | Valve–Exhaust | |
| 34 | 261055 | Valve–Intake | |
| 35 | 65906 | Spring–Valve | |
| 36 | 26828 | Spring–Valve | |
| 40 | 221596 | Retainer–Intake Valve | |
| 41 | 292260 | Rotocoil–Exhaust Valve | |
| 42 | 93630 | Retainer–Exhaust Valve Rotocoil(2) | |
| 45 | 260933 | Tappet–Valve | |
| 46 | 211689 | Gear–Cam | |
| 219 | 494845 | Gear–Governor | |
| 220 | 221551 | Washer–Thrust | |
| 227 | 391965 | Lever Assy.–Governor | |
| 230 | 94742 | Washer–Governor Crank | |
| 562 | 92613 | Bolt–Governor Lever | |
| 592 | 231082 | Nut–Hex. | |
| 614 | 93306 | Cotter–Pin | |
| 615 | 93307 | Retainer–E-Ring | |
| 616 | 231057 | Crank–Governor | |
| 741 | 262479 | Gear–Timing | |

★ Included in Gasket Set–Part No. 299577.
● Included in Carburetor Kit–Part No. 398235.



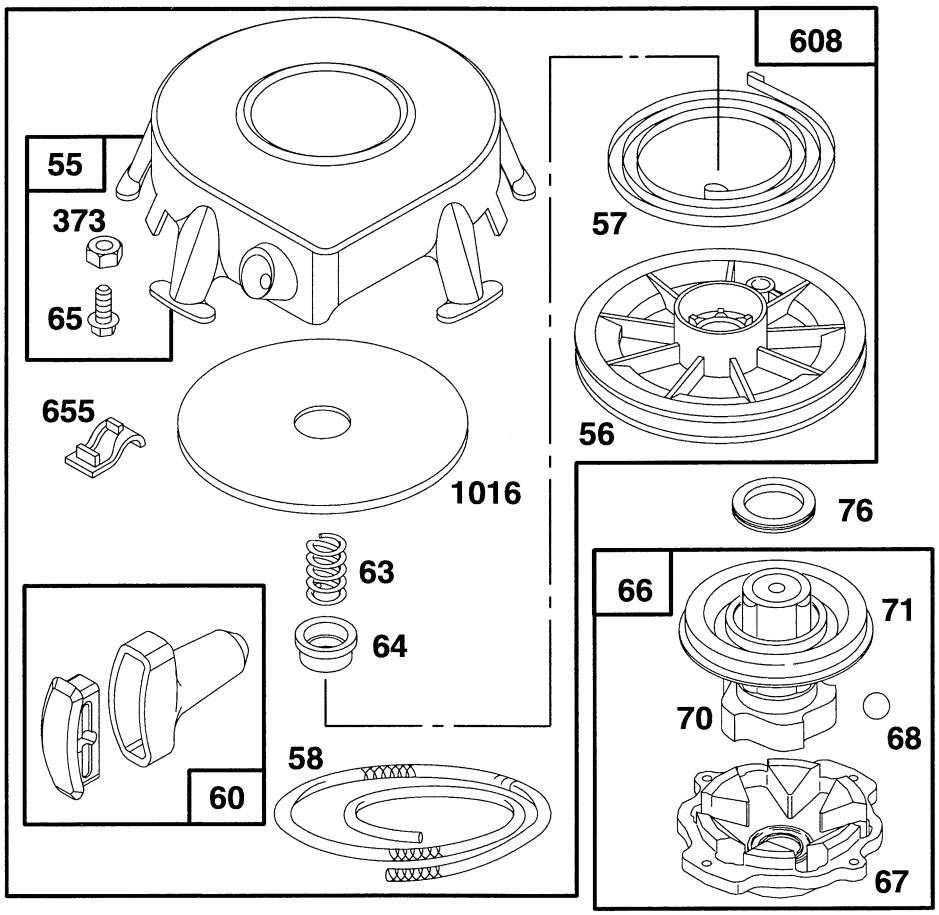

★ **REQUIRES SPECIAL TOOLS TO INSTALL. SEE REPAIR INSTRUCTION MANUAL.**

# ENGINE BRIGGS & STRATTON MODEL 190406–6142–01

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| ★12 | 271701 | Gasket–Crankcase Cover (1/64" Thick) | |
| ★ | 27876 | Gasket–Crankcase Cover (.005" Thick) | |
| ★ | 27877 | Gasket–Crankcase Cover (.009" Thick) | |
| 18 | 392818 | Cover–Crankcase | |
| 19 | 295964 | Bushing–Crankcase | |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| ★20 | 391086 | Seal–Oil | |
| 21 | 66768 | Plug–Oil Filler | |
| 22 | 93585 | Screw–Sem | |
| 298 | 261409 | Locknut–Muffler | |
| 300 | 393010 | Muffler–Exhaust | |
| 346 | 93705 | Screw–Sem | |
| 676 | 393757 | Deflector–Muffler | |

★ Included in Gasket Set–Part No. 299577.
● Included in Carburetor Kit–Part No. 398235.

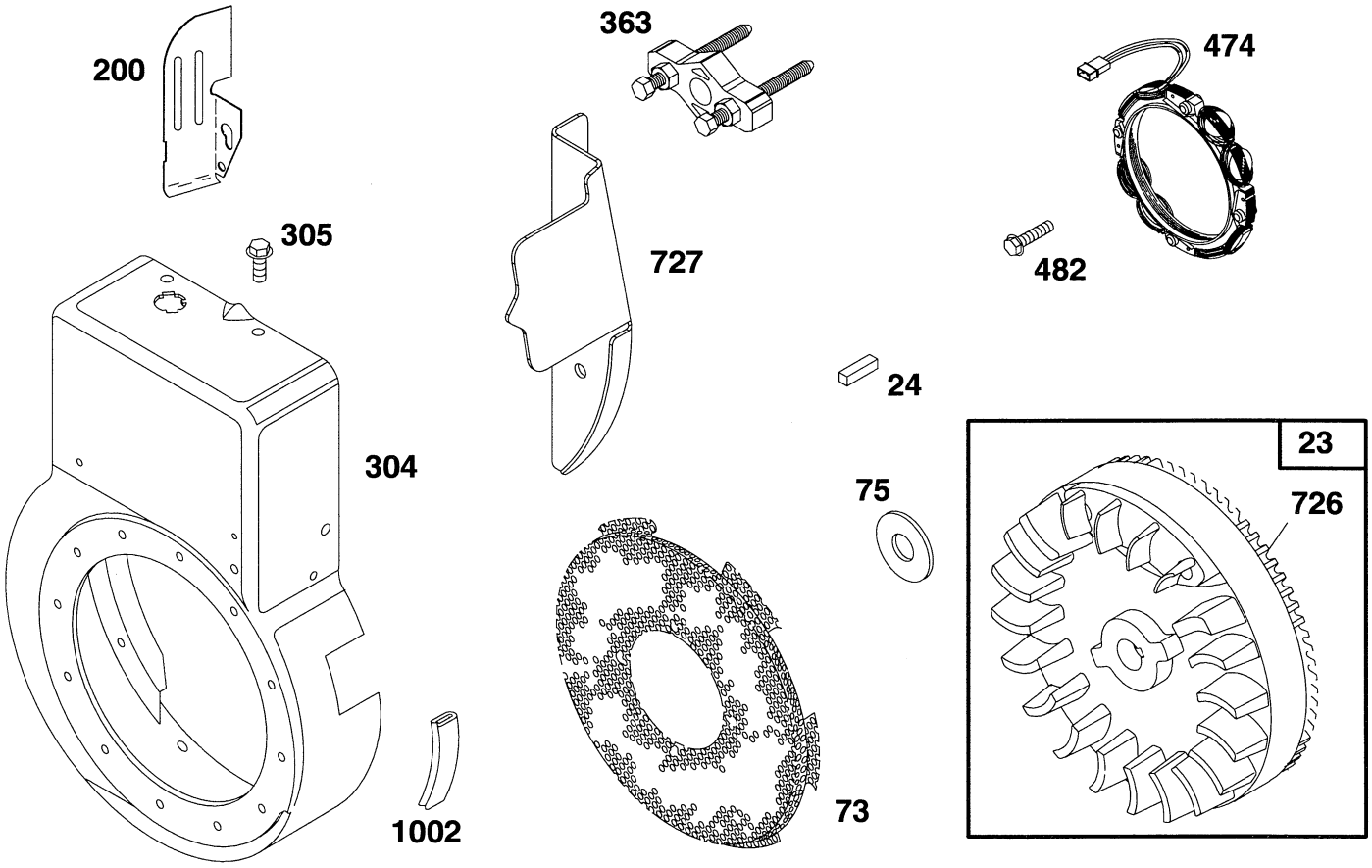



# ENGINE BRIGGS & STRATTON MODEL 190406–6142–01

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 55 | 398099 | Housing–Rewind Starter | |
| 56 | 295871 | Pulley–Rewind Starter | |
| 57 | 490179 | Spring–Rewind Starter | |
| 58 | 66884 | Rope–Rewind Starter | |
| 60 | 398101 | Grip–Starter Rope | |
| 63 | 260414 | Spring–Ratchet | |
| 64 | 230543 | Adapter–Ratchet Spring | |
| 65 | 94128 | Screw–Sem | |
| 66 | 399671 | Clutch Assembly–Rewind Starter | |
| 67 | 394897 | Housing–Rewind Starter Clutch | |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 68 | 63770 | Ball–Clutch | |
| 70 | 298799 | Ratchet–Rewind Starter Clutch | |
| 71 | 394506 | Washer–Clutch Retainer | |
| 76 | 68238 | Washer–Sealing | |
| 373 | 92987 | Nut–Hex. | |
| 608 | 397982 | Starter Assy.–Rewind | |
| 655 | 222598 | Anchor–Spring | |
| 1016 | 490817 | Spacer | |

★ Included in Gasket Set–Part No. 299577.
● Included in Carburetor Kit–Part No. 398235.

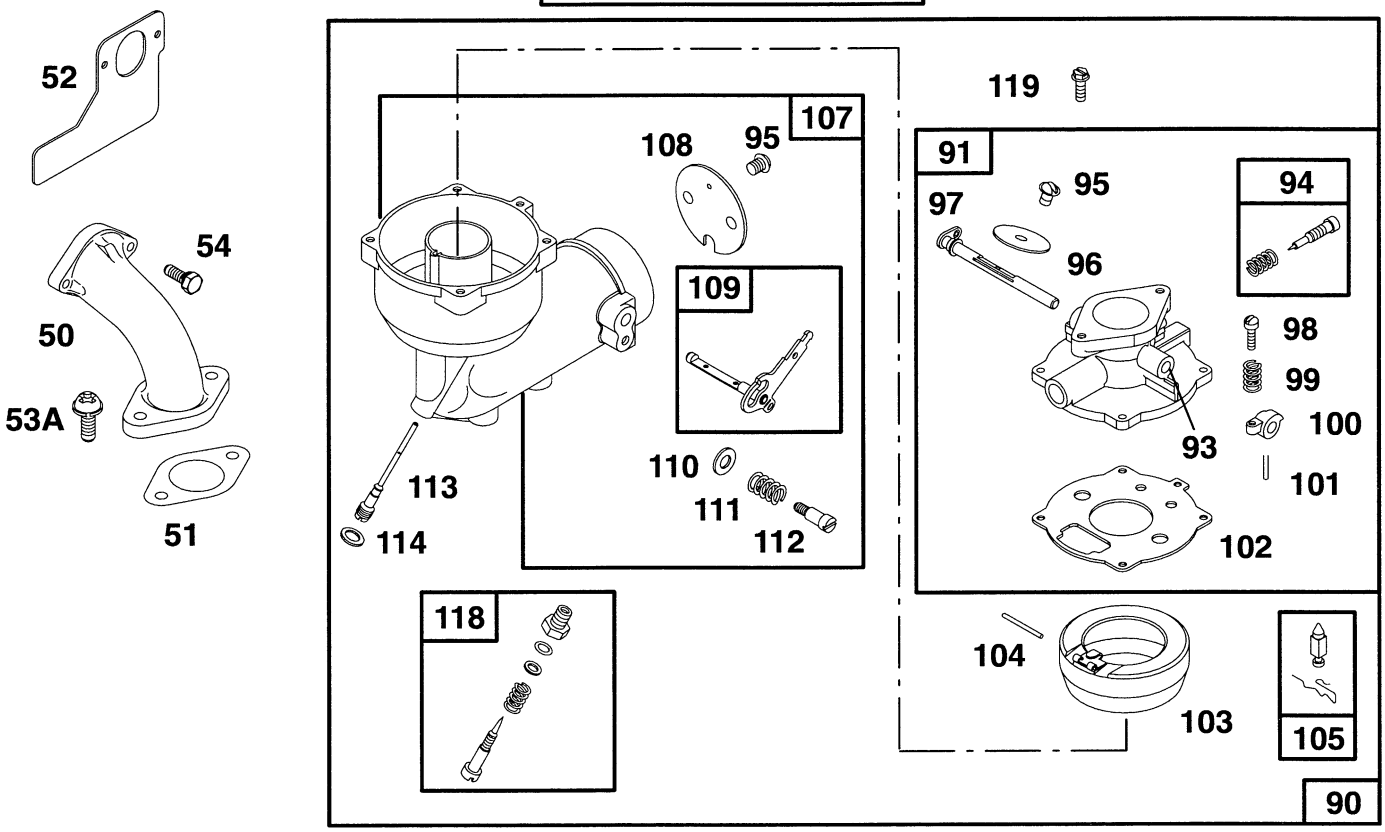



# ENGINE BRIGGS & STRATTON MODEL 190406–6142–01

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 23 | 391983 | Flywheel | |
| 24 | 222698 | Key–Flywheel | |
| 73 | 221796 | Screen–Rotating | |
| 75 | 224061 | Washer–Spring | |
| 200 | 221760 | Guide–Air | |
| 304 | 399271 | Housing–Blower | |
| 305 | 94786 | Screw–Sem | |
| 363 | 19203 | Puller–Flywheel | |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 474 | 391595 | Stator–Alternator | |
| 482 | 93621 | Screw–Sem | |
| 726 | 392134 | Gear–Ring | |
| 727 | 224886 | Guard–Ring Gear | |
| | | **Uses:** | |
| | | 224871 Cover–Starter | |
| | | 94811 Screw–Hex. Hd. | |
| 1002 | 280738 | Shield–Blower Housing | |

★ Included in Gasket Set–Part No. 299577.
● Included in Carburetor Kit–Part No. 398235.

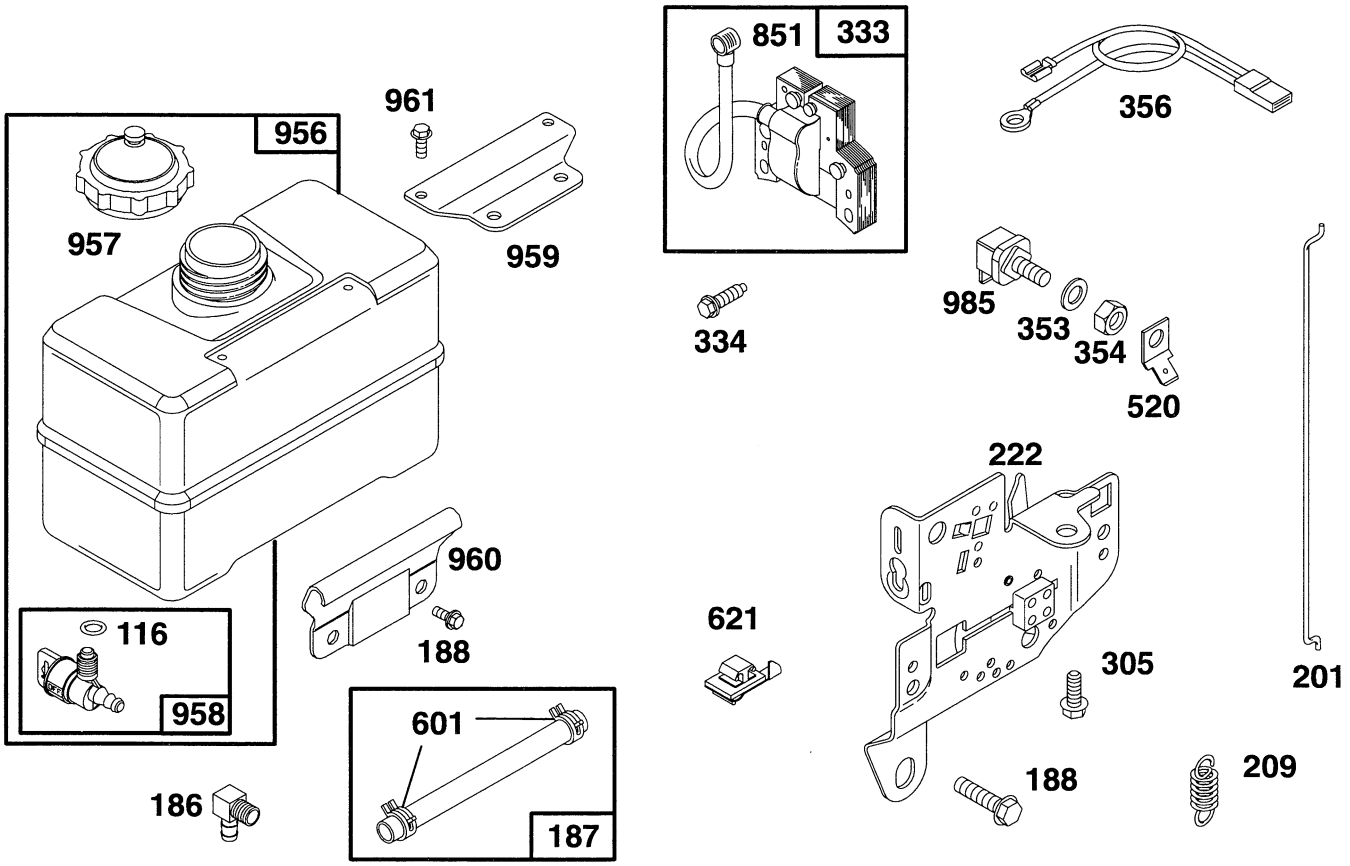



# ENGINE BRIGGS & STRATTON MODEL 190406–6142–01

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 50 | 490050 | Elbow–Intake | |
| 51 | ★270684 | Gasket–Carb. Mtg. | |
| 52 | ★27828 | Gasket–Intake Elbow | |
| 53 | 93357 | Screw–Carb. Mtg. | |
| 54 | 93208 | Screw–Sem | |
| 90 | 490140 | Carburetor | |
| 91 | 399443 | Body Assy.–Upper | |
| 93 | 23108 | Bushing–Throttle Shaft | |
| •94 | 292681 | Valve–Idle Adjust | |
| 95 | 93499 | Screw–Sem | |
| 96 | 223370 | Valve–Throttle | |
| 97 | 298826 | Shaft–Throttle | |
| 98 | 91920 | Screw–Fil. Hd. | |
| 99 | 26157 | Spring–Idle Valve | |
| 100 | 212904 | Stop–Throttle | |
| 101 | 93043 | Pin–Throttle Lever | |
| •102 | 27918 | Gasket–Body | |
| 103 | 99333 | Float–Carburetor | |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| •104 | 230896 | Pin–Float Hinge | |
| •105 | 394681 | Valve–Fuel Inlet | |
| 107 | 399258 | Body Assy.–Lower | |
| 108 | 223727 | Valve–Choke | |
| 109 | 391888 | Shaft Assy.–Choke | |
| 110 | 222712 | Washer–Lever | |
| 111 | 26155 | Spring–Lever | |
| 112 | 23123 | Screw–Choke Lever | |
| •113 | 398202 | Jet–Needle Valve | |
| •114 | 68667 | Gasket–Nozzle | |
| •118 | 99525 | Valve–Needle | |
| | | **Includes:** | |
| | | 22235 Washer–Brass | |
| | | 26336 Spring | |
| | | 65978 O-Ring | |
| | | 394033 Valve–Needle | |
| 119 | 94152 | Screw–Sem | |
| 121 | 398235 | Carburetor Kit | |

★ Included in Gasket Set–Part No. 299577.
• Included in Carburetor Kit–Part No. 398235.

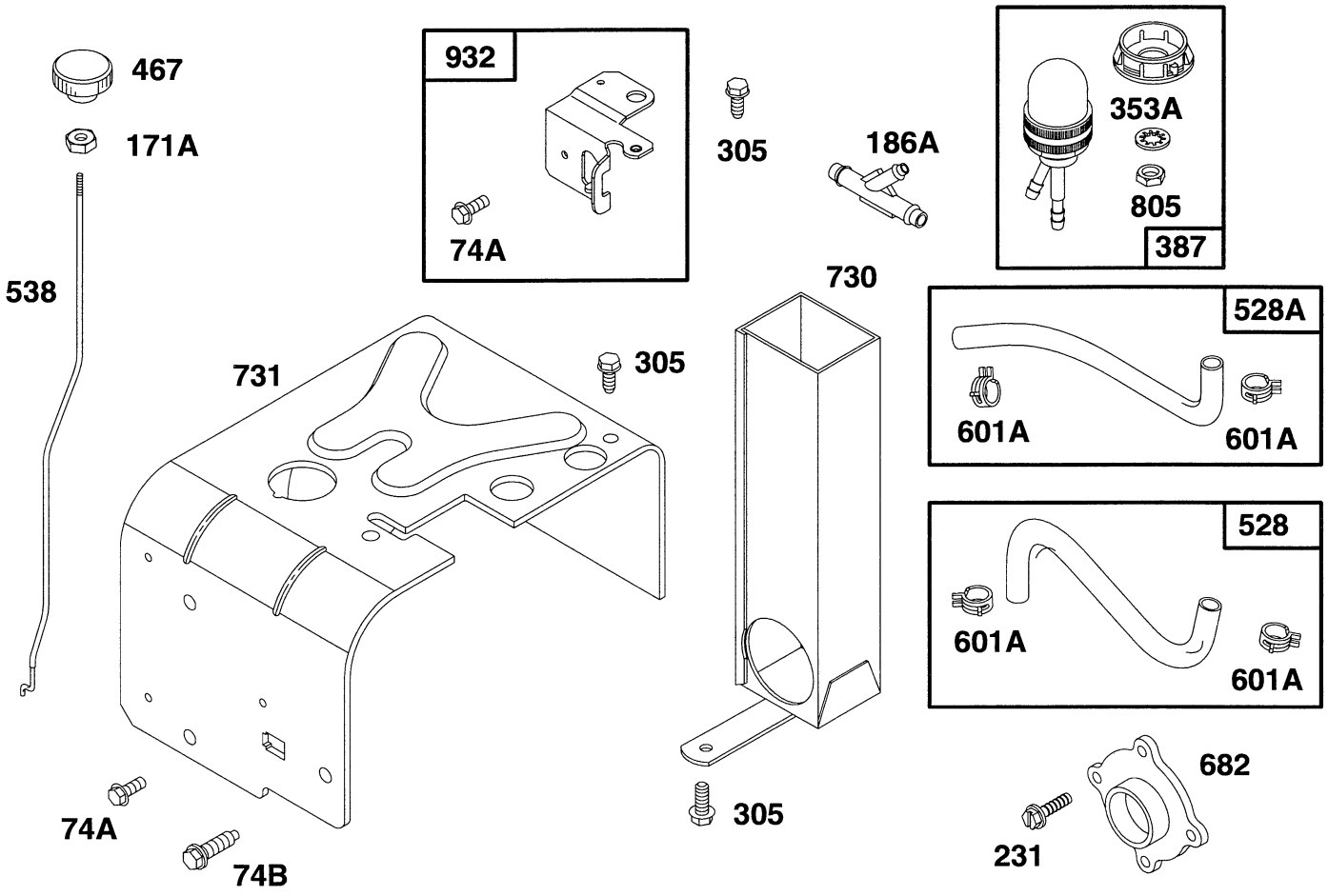



# ENGINE BRIGGS & STRATTON MODEL 190406–6142–01

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 116 | 280203 | O-Ring–Fuel Valve | |
| 186 | 67218 | Connector–Fuel Pipe | |
| 187 | 393815 | Pipe–Fuel | |
| 188 | 94627 | Screw–Sem | |
| 201 | 260872 | Link–Governor | |
| 209 | 261126 | Spring–Governor | |
| 222 | 399151 | Plate–Control | |
| 333 | 398811 | Armature–Magneto | |
| 334 | 93381 | Screw–Sem | |
| 353 | 92791 | Washer–Lock | |
| 354 | 90576 | Nut–Hex. | |
| 356 | 398838 | Wire–Ground | |
| 520 | 93722 | Terminal–Spade | |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 601 | 93053 | Clamp–Fuel Pipe (Green)<br>**Note:** 93807 Clamp–Pipe (Black) | |
| 621 | 396847 | Switch–Stop | |
| 851 | 221798 | Terminal–Cable | |
| 956 | 493337 | Tank Assembly–Fuel | |
| 957 | 493988 | Cap–Fuel Tank | |
| 958 | 399517 | Valve Assy.–Fuel Shut-Off | |
| 959 | 223462 | Bracket–Fuel Tank (Upper) | |
| 960 | 492990 | Bracket–Fuel Tank (Lower) | |
| 961 | 94095 | Screw–Tank Mounting | |
| 985 | 398525 | Insulator Assembly | |

★ Included in Gasket Set–Part No. 299577.
● Included in Carburetor Kit–Part No. 398235.




# ENGINE BRIGGS & STRATTON MODEL 190406–6142–01

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 74A | 93042 | Screw–Sem | |
| 74B | 94680 | Screw–Hex. Head | |
| 171A | 90356 | Nut–Hex. | |
| 186A | 280727 | Connector–Hose | |
| 231 | 94238 | Screw–Sem | |
| 305 | 94786 | Screw–Hex. Head | |
| 353A | 94281 | Washer–Lock | |
| 387 | 399255 | Primer Group | |
| 467 | 231051 | Knob–Control | |
| 528 | 399256 | Hose–Primer (Includes Filter) (1/4" O.D.) | |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 528A | 399254 | Hose–Primer (1/4" O.D.) | |
| 538 | 262549 | Rod–Control | |
| 601A | 94171 | Clamp–Hose (For 1/4" O.D. Hose) | |
| 682 | 211516 | Shield–Clutch | |
| 730 | 299384 | Stack–Air | |
| 731 | 492291 | Hood–Snow | |
| 805 | 94189 | Nut–Hex. | |
| 932 | 396084 | Guide–Rod | |

★ Included in Gasket Set–Part No. 299577.
● Included in Carburetor Kit–Part No. 398235.

# TORO PART NUMBER INDEX



| Part No. | Description | Pg. No. | Ref. No. | Qty. |
|---|---|---|---|---|
| 3–0750 | Washer – Retaining | 1 | 2 | 2 |
| 3–4244 | Pulley – Idler | 7 | 6 | 2 |
| 5–2490 | Bolt – Shoulder | 7 | 35 | 2 |
| 7–0045 | Seal – Oil | 3 | 2 | 2 |
| 11–0590 | Screw – Hex Hd. | 4 | 25 | 4 |
| 12–3270 | Screw | 6 | 49 | 3 |
| 12–8789 | Impeller Bearing Assembly | 2 | * | 1 |
| 12–8949 | Loose Parts | 2 | * | 1 |
| 13–3559 | Gear – Bevel Reverse 36T | 6 | 59 | 1 |
| 17–7030 | Bolt – Auger | 2 | 59 | 2 |
| 20–0980 | Bearing – Auger | 2 | 57 | 2 |
| 20–0990 | Flange – Bearing (Inner) | 2 | 56 | 2 |
| 20–1000 | Flange – Bearing (Outer) | 2 | 58 | 2 |
| 25–5090 | Spacer – Auger Hub | 2 | 55 | 2 |
| 29–9570 | Bushing – Yoke | 6 | 45 | 1 |
| 37–6560 | Bushing – Input | 3 | 10 | 1 |
| 38–7820 | Bearing – Ball | 5 | 36 | 2 |
| 40–5940 | Switch – On/Off | 9 | 21 | 1 |
| 52–2861 | Washer | 2 | 43 | 4 |
| 53–7670 | Decal – Danger Auger | 1 | 5 | 1 |
| 62–0120 | Gear – Helical | 3 | 15 | 1 |
| 62–0170 | Wheel – Index | 8 | 41 | 1 |
| 62–0180 | Tang – Index | 8 | 5 | 1 |
| 62–0200 | Gear – 27T | 5 | 31 | 1 |
| 62–0210 | Gear – 33T | 5 | 43 | 1 |
| 62–0220 | Gear – 34T | 5 | 30 | 1 |
| 62–0240 | Gear – 45T | 5 | 29 | 1 |
| 62–0250 | Gear – 29T | 5 | 32 | 1 |
| 62–0260 | Gear – 51T | 5 | 42 | 1 |
| 62–0280 | Latch – Lock | 9 | 6 | 1 |
| 62–0290 | Cam – Release | 9 | 4 | 1 |
| 62–0300 | Tang – Locking | 9 | 3 | 1 |
| 62–0310 | Key – Shift | 6 | 56 | 2 |
| 62–0320 | Sleeve | 5 | 28 | 1 |
| 62–0330 | Shaft – Intermediate | 5 | 40 | 1 |
| 62–0340 | Sleeve – Gear 19T | 5 | 34 | 1 |
| 62–0350 | Pinion – Bevel 19T | 6 | 53 | 1 |
| 62–0360 | Gear – Compound 19T/41T | 5 | 41 | 1 |
| 62–0370 | Gear – 41T | 5 | 35 | 1 |
| 62–0380 | Hub – Pulley | 6 | 52 | 1 |
| 62–0430 | Collar – Shift (Speed) | 5 | 3 | 1 |
| 62–0470 | Latch – Arm | 7 | 17 | 1 |
| 62–0480 | Gear Case – Lower | 5 | 44 | 1 |
| 62–0490 | Gear Case – Upper | 5 | 24 | 1 |
| 62–0500 | Gear – 15T | 6 | 48 | 1 |
| 62–0721 | Housing – 28 | 1 | 6 | 1 |
| 62–0820 | Gear – Worm | 1 | 22 | 1 |
| 62–0840 | Chute Assembly | 1 | 19 | 1 |
| 62–0860 | Link – Gearshift | 5 | 18 | 1 |
| 62–0870 | Lever – Gear Shift | 5 | 16 | 1 |
| 62–0880 | Lever – Direction Shift | 5 | 5 | 1 |
| 62–0920 | Sheave Half – Traction | 4 | 7 | 1 |
| 62–0930 | Hub – Sheave | 4 | 5 | 1 |
| 62–0940 | Sheave Half – Impeller | 4 | 3 | 1 |
| 62–0970 | Pin – Idler | 7 | 9 | 1 |
| 62–1000 | Guard – Chain R.H. | 7 | 30 | 1 |
| 62–1010 | Guard – Chain L.H. | 7 | 28 | 1 |
| 62–1020 | Button – Detent | 5 | 10 | 1 |
| 62–1040 | Yoke–Shift | 5 | 26 | 2 |
| 62–1050 | Lever – Impeller | 9 | 8 | 1 |
| 62–1060 | Lever – Traction | 9 | 24 | 1 |
| 62–1070 | Bushing – Lever | 9 | 11 | 2 |
| 62–1080 | Shaft – Output | 5 | 37 | 1 |
| 62–1100 | Lever – Latch | 8 | 7 | 1 |
| 62–1110 | Lever – Index Wheel | 8 | 3 | 1 |
| 62–1120 | Lever – Reverse | 8 | 22 | 1 |
| 62–1130 | Lever – Reverse | 8 | 20 | 1 |
| 62–1140 | Cover – Latch | 8 | 12 | 1 |
| 62–1150 | Bushing – Worm | 3 | 16 | 1 |
| 62–1160 | Bushing – Intermediate | 6 | 46 | 4 |
| 62–1170 | Bushing – Flange | 5 | 38 | 2 |
| 62–1180 | Bushing – Output (Flange) | 5 | 1 | 1 |
| 62–1190 | Bracket – Bellcrank | 5 | 22 | 1 |
| 62–1210 | Bushing – Idler | 7 | 12 | 1 |
| 62–1230 | Washer – Rubber | 9 | 33 | 1 |
| 62–1260 | Arm – Traction Idler | 7 | 10 | 1 |
| 62–1280 | Arm – Impeller Idler | 7 | 11 | 1 |
| 62–1290 | Knob – Shift | 8 | 1 | 1 |
| 62–1300 | Pulley – Impeller | 1 | 24 | 1 |
| 62–1310 | Pulley – Traction | 6 | 50 | 1 |
| 62–1320 | Knob – Chute Control | 9 | 17 | 1 |
| 62–1330 | Bolt – Shoulder | 7 | 24 | 2 |
| 62–1350 | Bushing – Output | 5 | 27 | 2 |
| 62–1381 | Handle – R.H. | 9 | 9 | 1 |
| 62–1430 | Retainer – Chute | 1 | 11 | 3 |
| 62–1440 | Cover – Engine Frame | 1 | 32 | 1 |
| 62–1460 | Gear – Universal | 9 | 32 | 2 |
| 62–1470 | Base – Lockout | 8 | 42 | 1 |
| 62–1490 | Plate – Guide | 9 | 15 | 1 |
| 62–1520 | Cover – Knob | 9 | 19 | 1 |
| 62–1531 | Shaft – Auger (28) | 3 | 1 | 1 |
| 62–1640 | Lever – Trip | 9 | 12 | 1 |
| 62–1650 | Spring – Torsion | 8 | 6 | 1 |
| 62–1690 | Cover – Detent | 5 | 11 | 1 |
| 62–1700 | Lever – Lockout | 8 | 19 | 1 |
| 62–1710 | Spring – Flat | 8 | 16 | 1 |
| 62–1720 | Rod – Chute Gear | 1 | 23 | 1 |
| 62–1740 | Bracket – Cable | 5 | 7 | 1 |
| 63–2030 | Rod – Cross | 9 | 27 | 1 |
| 63–2080 | Cover – Belt (Upper) | 1 | 28 | 1 |
| 63–2112 | Axle Assembly | 7 | 29 | 1 |
| 63–2150 | Frame – Control | 8 | 23 | 1 |
| 63–2160 | Rod – Chute Crank | 9 | 16 | 1 |
| 63–2170 | Cover – Lever Lock | 9 | 1 | 1 |
| 63–2180 | Bracket – Gear | 1 | 7 | 1 |
| 63–2190 | Pin – Gearshift Link | 5 | 15 | 1 |
| 63–2200 | Cable – Latch | 8 | 39 | 1 |
| 63–2210 | Cable – Gearbox | 8 | 38 | 1 |
| 63–2220 | Spring – Extension | 8 | 8 | 1 |
| 63–2230 | Spring – Extension | 8 | 21 | 1 |
| 63–2240 | Spring – Extension | 8 | 17 | 1 |
| 63–2250 | Bushing – Axle | 7 | 26 | 2 |
| 63–2270 | Spring – Torsion | 8 | 40 | 1 |
| 63–2280 | Washer – Thrust | 5 | 33 | 1 |
| 63–2300 | Retainer – Cable | 1 | 26 | 1 |
| 63–2320 | Decal – Primer | 4 | 11 | 1 |
| 63–2340 | Decal – Throttle | 4 | 10 | 1 |
| 63–2360 | Decal – Choke | 4 | 13 | 1 |
| 63–2480 | Decal – #2 | 8 | 10 | 1 |
| 63–2520 | Decal – Panel Front | 9 | 36 | 1 |
| 63–2600 | Bellcrank | 5 | 20 | 1 |
| 63–2610 | Pin – Tang | 8 | 9 | 1 |
| 63–2630 | Bracket – Shift | 8 | 33 | 1 |
| 63–2640 | Joint – Ball | 8 | 36 | 1 |
| 63–2640 | Joint– Ball | 4 | 19 | 1 |
| 63–2650 | Screw – Shoulder | 8 | 18 | 2 |
| 63–2670 | Plate – Chute Retainer | 1 | 10 | 3 |
| 63–2700 | Cable – Impeller | 9 | 41 | 1 |
| 63–2710 | Cable – Traction | 9 | 40 | 1 |
| 63–2740 | Spring – Torsion | 7 | 36 | 1 |

*Not Illustrated

# TORO PART NUMBER INDEX (Cont.)

| Part No. | Description | Pg. No. | Ref. No. | Qty. |
|---|---|---|---|---|
| 63–2751 | Auger – R.H. | 2 | 54 | 1 |
| 63–2761 | Auger – L.H. | 2 | * | 1 |
| 63–2820 | Arm – Brake | 7 | 2 | 1 |
| 63–2830 | Rod – Shift (Lower) | 8 | 34 | 1 |
| 63–2850 | Bracket – Idler Arm | 7 | 3 | 1 |
| 63–2870 | Spring – Extension | 7 | 14 | 2 |
| 63–2881 | Spring – Torsion | 7 | 13 | 1 |
| 63–2890 | Spring – Compression | 5 | 9 | 1 |
| 63–2900 | Washer – Plastic | 1 | 17 | 2 |
| 63–2910 | Spring – Torsion | 9 | 7 | 1 |
| 63–2920 | Spring – Extension | 5 | 4 | 1 |
| 63–2930 | Chain – Drive | 4 | 21 | 1 |
| 63–2953 | Belt – Traction | 4 | 6 | 1 |
| 63–2964 | Belt – Impeller | 4 | 4 | 1 |
| 63–2990 | Frame – Transmission | 4 | 23 | 1 |
| 63–3020 | Guard – Chute | 1 | 14 | 1 |
| 63–3050 | Decal – Lever | 9 | 25 | 1 |
| 63–3130 | Clip – Chute Guard | 1 | 12 | 1 |
| 63–3290 | Cover – Cable | 1 | 29 | 1 |
| 63–3340 | Washer | 7 | 22 | 4 |
| 63–3380 | Spacer – Traction Lever | 9 | 22 | 1 |
| 63–3410 | Bolt – Shoulder | 5 | 13 | 1 |
| 63–3420 | Harness – Wire | 9 | * | 1 |
| 63–3450 | Bearing – Impeller | 2 | 39 | 1 |
| 63–3740 | Decal – Danger Chute | 1 | 20 | 1 |
| 63–8360 | Key – Switch | 9 | 20 | 1 |
| 66–6820 | Spacer – Tire Chain | 7 | * | 2 |
| 66–6840 | Decal – Hot Surface | 4 | 12 | 1 |
| 66–6850 | Decal – Panel Top | 9 | 14 | 1 |
| 66–6860 | Decal – Warning | 9 | 38 | 1 |
| 66–6860 | Decal – Warning | 7 | 40 | 1 |
| 66–6981 | Frame – Engine | 1 | 31 | 1 |
| 66–7720 | Rod – Latch | 7 | 18 | 1 |
| 66–7730 | Clevis | 8 | 30 | 1 |
| 66–7740 | Pivot Arm Assembly | 7 | 23 | 2 |
| 66–7761 | Blade – Scraper | 2 | 45 | 1 |
| 66–7811 | Shaft – Impeller | 3 | 6 | 1 |
| 66–7821 | Plate – Side R.H. | 1 | 3 | 1 |
| 66–7831 | Plate – Side L.H. | 2 | 46 | 1 |
| 66–7850 | Handlegrip | 9 | 10 | 2 |
| 66–7920 | Impeller | 2 | 50 | 1 |
| 66–8010 | Spacer | 2 | 51 | 2 |
| 66–8030 | Transmission Assembly | 4 | 22 | 1 |
| 66–8060 | Pad – Brake | 7 | 42 | 1 |
| 66–8091 | Handle – L.H. | 9 | 29 | 1 |
| 66–8100 | Panel – Control | 9 | 13 | 1 |
| 67–5870 | Gear – Bevel 36T | 6 | 57 | 1 |
| 67–5880 | Collar – Shift | 6 | 58 | 1 |
| 67–9240 | Rod – Shift (Upper) | 8 | 2 | 1 |
| 67–9250 | Retainer – Shift Rod | 8 | 28 | 1 |
| 67–9301 | Pipe – Oil Drain | 4 | 16 | 1 |
| 68–4160 | Plate – Engine Stud R.H. | 2 | * | 1 |
| 68–4170 | Plate – Engine Stud L.H. | 2 | 34 | 1 |
| 68–4310 | Gear – 26T | 6 | 47 | 1 |
| 68–4320 | Sleeve – Shift | 6 | 55 | 1 |
| 68–7510 | Guide – Belt | 4 | 8 | 1 |
| 68–8410 | Cover – Belt (Lower) | 2 | 41 | 1 |
| 74–1440 | Skid Assembly | 2 | 44 | 2 |
| 74–1561 | Auger Gearbox Assembly | 2 | 53 | 1 |
| 74–1570 | Gearcase Assembly – L.H. | 3 | 13 | 1 |
| 74–1580 | Gearcase Assembly – R.H. | 3 | 4 | 2 |
| 88–0810 | Spring – Extension | 9 | 39 | 1 |
| 2210–250 | Screw | 9 | 2 | 3 |
| 2210–250 | Screw – Hex. Washer Hd. | 4 | 15 | 1 |
| 231–123 | Tire | 7 | 34 | 2 |
| 232–48 | Tube – Inner | 7 | 33 | 2 |
| 241–127 | Rim – Wheel | 7 | 32 | 2 |
| 252–59 | Washer – Thrust | 5 | 2 | 3 |
| 252–71 | Bearing – Thrust | 3 | 5 | 2 |
| 252–76 | Bearing – Thrust | 3 | 9 | 1 |
| 252–78 | Washer – Thrust | 3 | 8 | 2 |
| 252–80 | Washer – Thrust | 7 | 27 | 4 |
| 252–80 | Washer – Thrust | 2 | 36 | 1 |
| 253–149 | Seal – Input | 3 | 11 | 1 |
| 256–237 | Bushing – Sleeve | 3 | 3 | 2 |
| 256–296 | Bushing – Nyliner | 8 | 31 | 2 |
| 257–9 | Washer – Thrust | 8 | 14 | 1 |
| 257–10 | Washer – Thrust | 5 | 39 | 4 |
| 281–1 | Plug – Pipe Sq. Hd. | 3 | 14 | 1 |
| 283–3 | Pin – Clevis | 5 | 19 | 1 |
| 288–10 | Cap – Pipe | 4 | 17 | 1 |
| 321–3 | Screw – Hex Hd. | 2 | 60 | 8 |
| 321–9 | Screw – Cap Hex. Hd. | 8 | 29 | 1 |
| 321–15 | Screw – Hex Hd. | 6 | 54 | 1 |
| 321–44 | Screw – Hex. Hd. | 2 | 52 | 2 |
| 323–6 | Screw – Hex Hd. | 1 | 1 | 2 |
| 323–7 | Screw – Hex Hd. | 7 | 8 | 2 |
| 3210–1 | Screw – Hex Hd. | 4 | 26 | 2 |
| 3212–8 | Screw – Hex. Hd. | 4 | 1 | 1 |
| 3220–3 | Nut – Jam | 8 | 35 | 2 |
| 3230–2 | Bolt – Carriage | 1 | 8 | 1 |
| 3230–23 | Screw – Carriage | 2 | 48 | 9 |
| 3234–5 | Screw – Hex. Washer Hd. | 2 | 33 | 10 |
| 3234–7 | Screw – Hex Flange Hd. | 4 | 18 | 4 |
| 3234–7 | Screw – Hex Flange Hd. | 9 | 26 | 6 |
| 3234–7 | Screw – Hex Flange Hd. | 7 | 41 | 2 |
| 3234–13 | Screw – Hex. Hd. | 7 | 5 | 1 |
| 3234–28 | Screw – Hex Flange Hd. | 1 | 4 | 12 |
| 3242–4 | Screw – Set Sq. Hd. | 1 | 25 | 2 |
| 3253–4 | Washer – Lock | 4 | 27 | 2 |
| 3253–6 | Washer – Lock | 4 | 2 | 1 |
| 3256–1 | Washer – Flat | 7 | 21 | 2 |
| 3256–1 | Washer – Flat | 8 | 27 | 2 |
| 3256–14 | Washer – Flat | 1 | 16 | 1 |
| 3256–14 | Washer – Flat | 9 | 43 | 2 |
| 3256–23 | Washer – Flat | 8 | 24 | 3 |
| 3256–23 | Washer – Flat | 2 | 42 | 1 |
| 3256–61 | Washer – Flat | 1 | 21 | 1 |
| 3257–10 | Key – Woodruff | 3 | 12 | 1 |
| 3257–23 | Key – Woodruff | 2 | 35 | 1 |
| 3269–23 | Rivet | 1 | 30 | 4 |
| 3272–1 | Pin – Cotter | 5 | 17 | 1 |
| 3274–13 | Screw – Machine | 1 | 13 | 3 |
| 3290–243 | Pin – Klik | 7 | 38 | 2 |
| 3290–320 | Nut – Push | 8 | 15 | 1 |
| 3290–320 | Nut – Push | 9 | 18 | 2 |
| 3290–326 | Nut – Push | 1 | 15 | 2 |
| 3290–359 | Screw | 9 | 28 | 1 |
| 3290–378 | Tie – Cable | 9 | 30 | 3 |
| 3290–422 | Nut – Push | 8 | 4 | 1 |
| 3290–456 | Washer – Belleville | 8 | 37 | 1 |
| 3290–461 | Washer – Belleville | 7 | 16 | 2 |
| 3290–461 | Washer – Belleville | 4 | 24 | 4 |
| 3290–476 | Fastener – Panel | 7 | 37 | 1 |
| 3290–477 | Washer – Curved | 5 | 14 | 1 |
| 3296–2 | Nut – Lock | 1 | 9 | 4 |
| 3296–2 | Nut – Lock | 9 | 23 | 1 |
| 3296–23 | Nut – Lock | 7 | 25 | 2 |
| 3296–29 | Nut – Lock | 8 | 25 | 7 |
| 3296–29 | Nut – Lock | 2 | 37 | 14 |

*Not Illustrated

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| Part No. | Description | Pg. No. | Ref. No. | Qty. |
|---|---|---|---|---|
| 3296–39 | Nut – Lock | 7 | 15 | 2 |
| 3296–39 | Nut – Lock | 4 | 20 | 1 |
| 3296–39 | Nut – Lock | 8 | 32 | 1 |
| 3296–42 | Nut | 9 | 42 | 4 |
| 3296–42 | Nut – Lock | 7 | 4 | 1 |
| 3296–42 | Nut – Lock | 5 | 23 | 1 |
| 3296–42 | Nut – Lock | 8 | 26 | 1 |
| 3296–42 | Nut – Lock | 2 | 49 | 10 |
| 3296–47 | Nut – Lock | 9 | 37 | 4 |
| 3296–47 | Nut – Lock | 7 | 39 | 2 |
| 3296–47 | Nut – Lock | 2 | 47 | 12 |
| 3296–59 | Nut – Lock | 7 | 7 | 2 |
| 32104–71 | Screw – Pan Hd. | 5 | 12 | 1 |
| 32104–76 | Screw – Self Tapping | 9 | 34 | 2 |
| 32104–95 | Screw – Hex Washer Hd. | 5 | 21 | 2 |
| 32104–118 | Screw – Pan Hd. | 8 | 11 | 2 |
| 32104–118 | Screw – Pan Hd. | 9 | 35 | 2 |
| 32104–121 | Screw – Hex Flange Hd. | 7 | 31 | 3 |
| 32120–46 | Ring – Retaining | 7 | 1 | 2 |
| 32120–46 | Ring – Retaining | 8 | 13 | 1 |
| 32121–9 | Pin – Roll | 7 | 19 | 2 |
| 32121–50 | Pin – Roll | 9 | 31 | 2 |
| 32121–106 | Pin – Coil | 5 | 6 | 3 |
| 32122–32 | Screw | 1 | 18 | 1 |
| 32128–20 | Nut – Lock | 4 | 14 | 4 |
| 32128–32 | Nut – Flange Lock | 6 | 51 | 1 |
| 32144–4 | Screw – Hex Flange Hd. | 1 | 27 | 6 |
| 32144–4 | Screw – Hex Flange Hd. | 7 | 20 | 2 |
| 32144–4 | Screw – Self Tapping | 5 | 8 | 2 |
| 32144–86 | Screw – Hex Washer Hd. | 5 | 25 | 6 |
| 32144–110 | Screw – Hex Washer Hd. | 3 | 17 | 9 |
| 32151–33 | Ring – Snap | 3 | 7 | 1 |
| 32151–66 | Ring – Retaining | 9 | 5 | 1 |
| 505–101 | Grease – 14.5 oz. Cartridge | 6 | * | 1 |
| 505–129 | Sealant – 100g Tube | 3 | * | 1 |

**OPTIONAL EQUIPMENT**

| | |
|---|---|
| 110 Vac Electric Starter | Part No. 37–4630 |
| Tire Chains | Part No. 63–3040 |
| Snow Cab | Part No. 68–9500 |
| Drift Breaker Kit | Part No. 66–7970 |
| Light Kit | Part No. 66–7940 |
| Differential Kit | Model # 38038 |

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*Not Illustrated