Form No. 3378-904 Rev C

TORO®

Count on it.

Parts Catalog

# Greensmaster® Flex™ 2100 Traction Unit

**Model No. 04040—Serial No. 313001147 and Up**

Register at www.Toro.com.
Original Instructions (EN)

CE

*3378-904* C

# Ordering Replacement Parts

To order replacement parts, please supply the part number, the quantity, and the description of each part desired.

**Understanding Reference Numbers**

Each identified part in an illustration has a reference number. The reference number for a part also appears in the parts list, along with other information about the part.

This catalog uses two special reference number formats, one to indicate parts in a service assembly and another to indicate the quantity of a given part in an illustration.

**Service Assembly Reference Numbers**

Parts in service assemblies have reference numbers in the form a:b. The a represents the reference number of the entire service assembly and the b represents a sequential number unique to each part within the service assembly.

For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1,6:2, and 6:3. However, you may also order any part individually. Reference numbers of this type appear in illustration and in parts lists.

**Reference Numbers Indicating Quantity**

In an illustration, if a reference number indicates more than one part, the reference number has the form nX y. The n represents the quantity of the part, the X is the multiplication symbol, and the y represents the reference number.

For example, in an illustration, the reference number 2X 37 means that two of the parts identified by reference number 37 are indicated.

# Contents


Frame and Handle Mount Assembly . . . . . 4
Grass Basket Assembly . . . . . 5
Left Side Transmission Assembly . . . . . 6
Right Side Transmission Assembly . . . . . 7
Clutch Assembly . . . . . 8
Clutch Assembly No. 117-1485 . . . . . 9
Differential and Traction Drum Assembly . . . . . 10
Differential Assembly No. 115-6711 . . . . . 11
Drum Drive Assembly . . . . . 12
Engine Assembly . . . . . 13
Shift Lever Assembly . . . . . 14
Handle Assembly . . . . . 15
Throttle and Console Assembly . . . . . 16
Crankcase Assembly . . . . . 17
Crankshaft and Piston Assembly . . . . . 18
Intake and Exhaust Assembly . . . . . 19
Air Cleaner Assembly . . . . . 21
Governor Assembly . . . . . 22
Recoil and Shroud Assembly . . . . . 23
Recoil Assembly . . . . . 24
Fuel Tank Assembly . . . . . 25
Carburetor Assembly . . . . . 26
Flywheel and Coil Assembly . . . . . 27
Gear Reduction Assembly . . . . . 28
Attachments and Accessories . . . . . 29

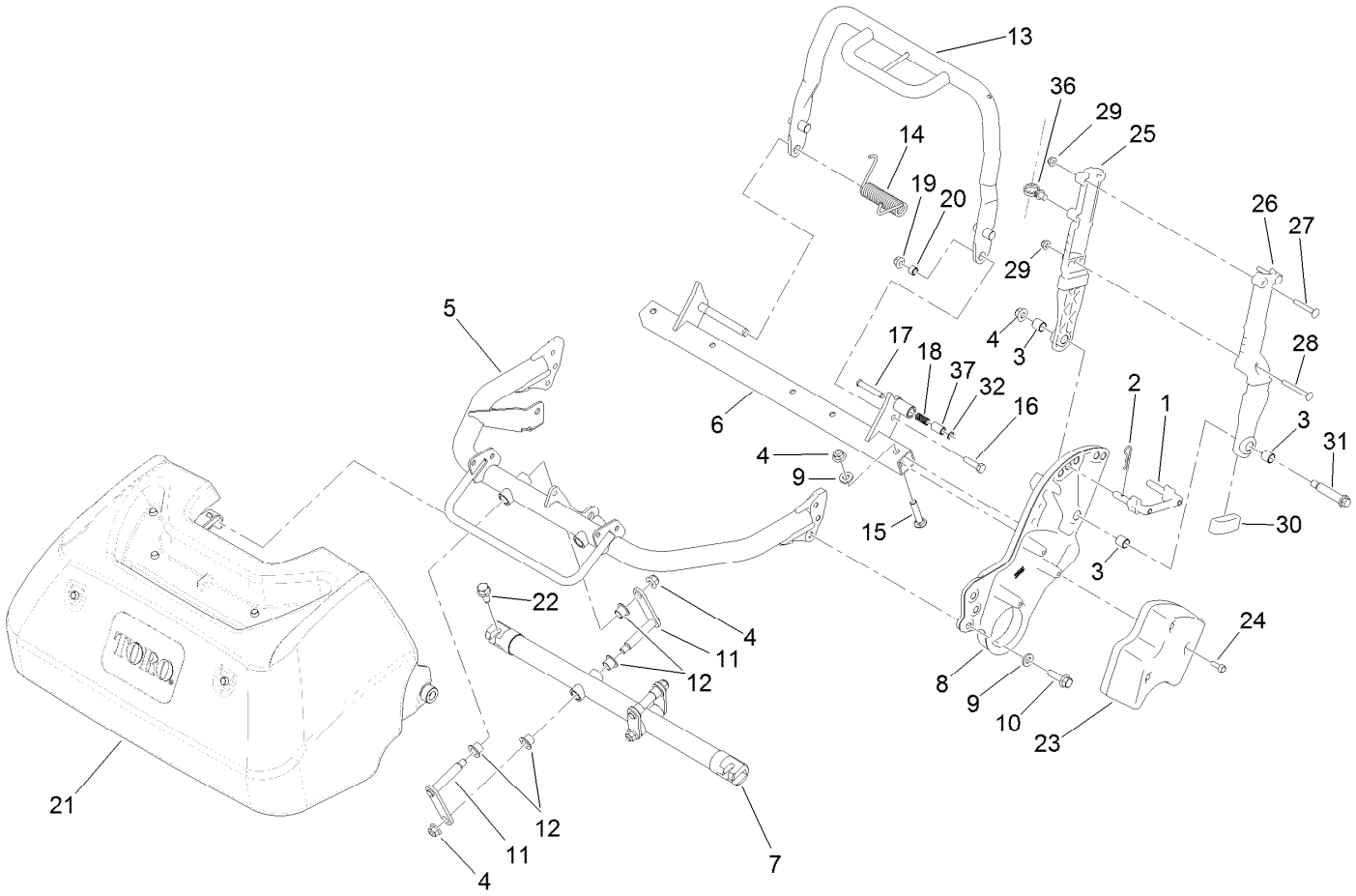


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**Bloomington, MN 55420**





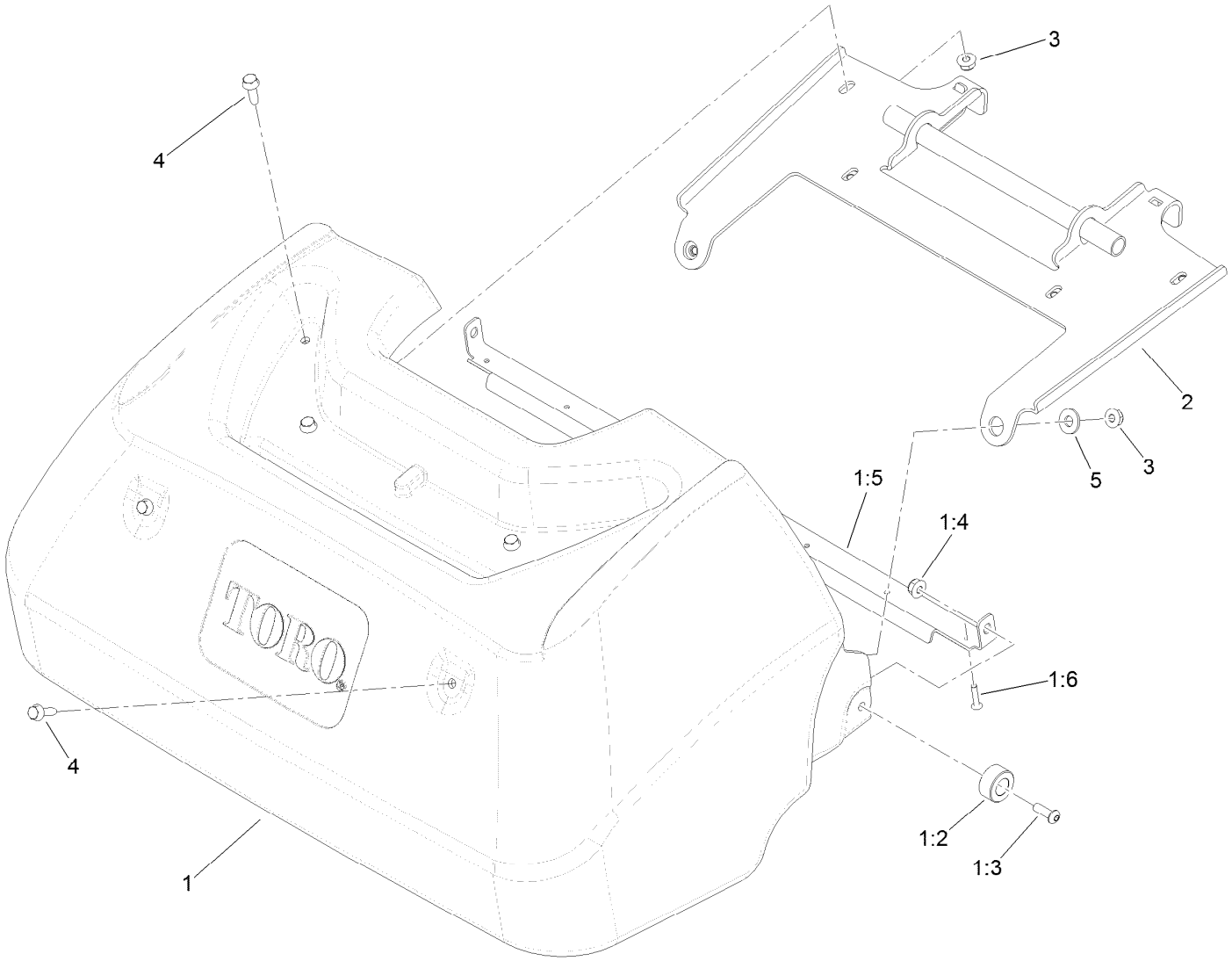
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# Frame and Handle Mount Assembly

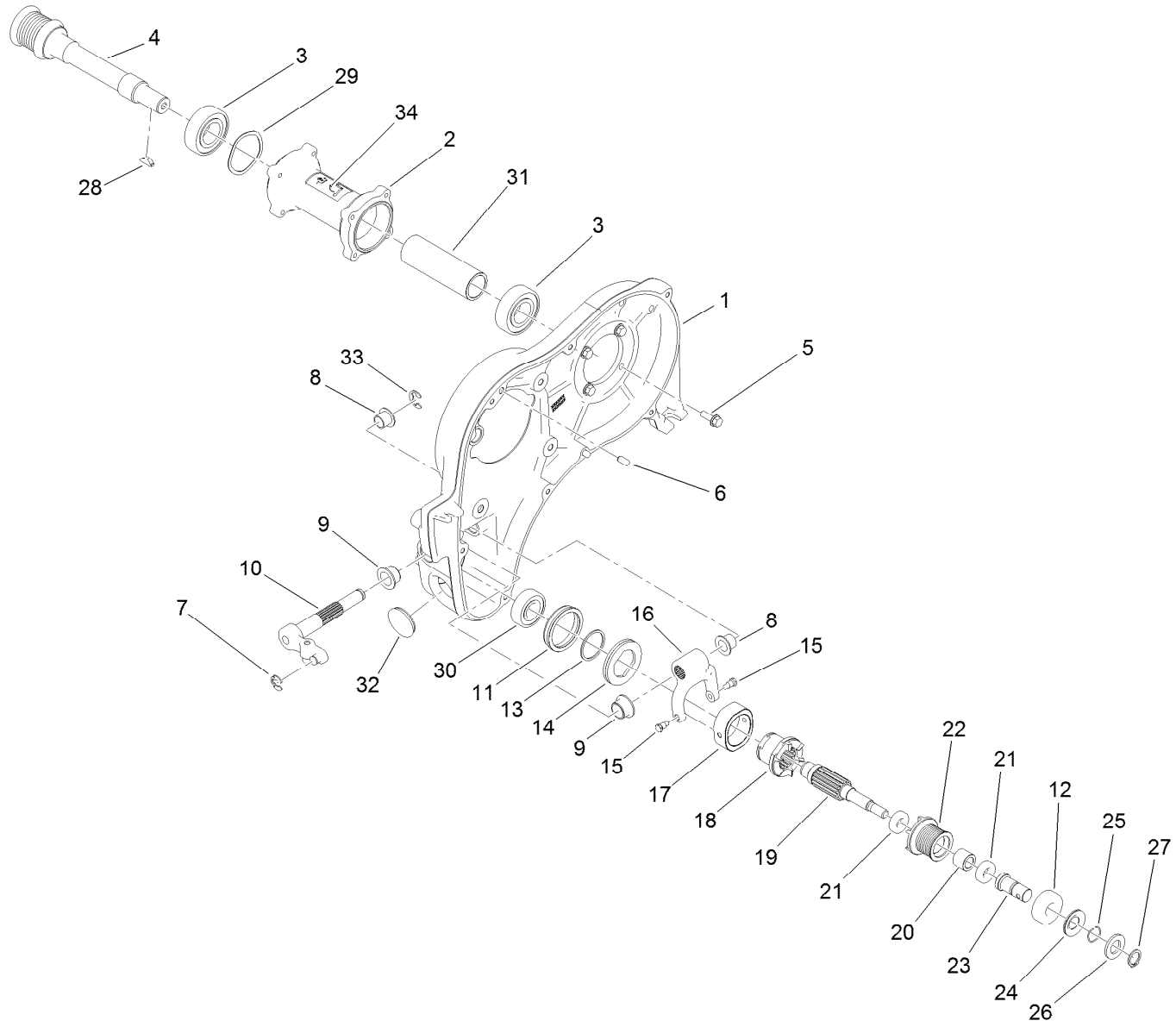
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 120-9241 | 2 | Retainer-Handle |
| 2 | 120-9717 | 2 | Pin-Hair |
| 3 | 115-7295 | 5 | Bushing-Straight |
| 4 | 119-4042 | 8 | Nut-HF, NI |
| 5 | 115-7217-01 | 1 | Frame |
| 6 | 115-7110-01 | 1 | Frame-Rear |
| 7 | 115-7287-01 | 1 | Frame-Roll |
| 8 | 115-7160 | 1 | Plate-Side, LH |
| 9 | 115-7293 | 8 | Washer-Hardened |
| 10 | 115-7024 | 6 | Screw-HHF |
| 11 | 117-1396 | 4 | Link |
| 12 | 93-2561 | 8 | Bushing-Flange |
| 13 | 115-7255-03 | 1 | Kickstand |
| 14 | 115-7258 | 1 | Spring-Torsion, RH |
| 15 | 120-9715 | 2 | Screw-CARR |
| 16 | 120-9696 | 1 | Screw-HH |
| 17 | 120-9739 | 1 | Pin-Lock |
| 18 | 107-8885 | 1 | Spring-Compression |
| 19 | 119-4041 | 1 | Nut-HF |
| 20 | 120-9697 | 1 | Spacer |
| 21 | | 1 | Grass Basket ASM ● |
| 22 | 115-7108 | 2 | Screw-HHF |
| 23 | 115-7234-03 | 1 | Weight-Counter |
| 24 | 131-6150 | 3 | Screw-HWHTF |
| 25 | 125-3522 | 2 | Clamp-Handle |
| 26 | 125-3524 | 2 | Clamp-Handle, Offset |
| 27 | 120-9698 | 4 | Bolt-CARR |
| 28 | 120-9699 | 2 | Screw-CARR |
| 29 | 119-4040 | 6 | Nut-Flange, NI |
| 30 | 125-3525 | 4 | Bumper-Handle |
| 31 | 115-6990 | 2 | Bolt-Shoulder |
| 32 | 701197 | 1 | E-Ring |
| 36 | 32180-030 | 1 | Clip-Tie |
| 37 | 120-9740 | 1 | Spacer |

● Not serviced separately



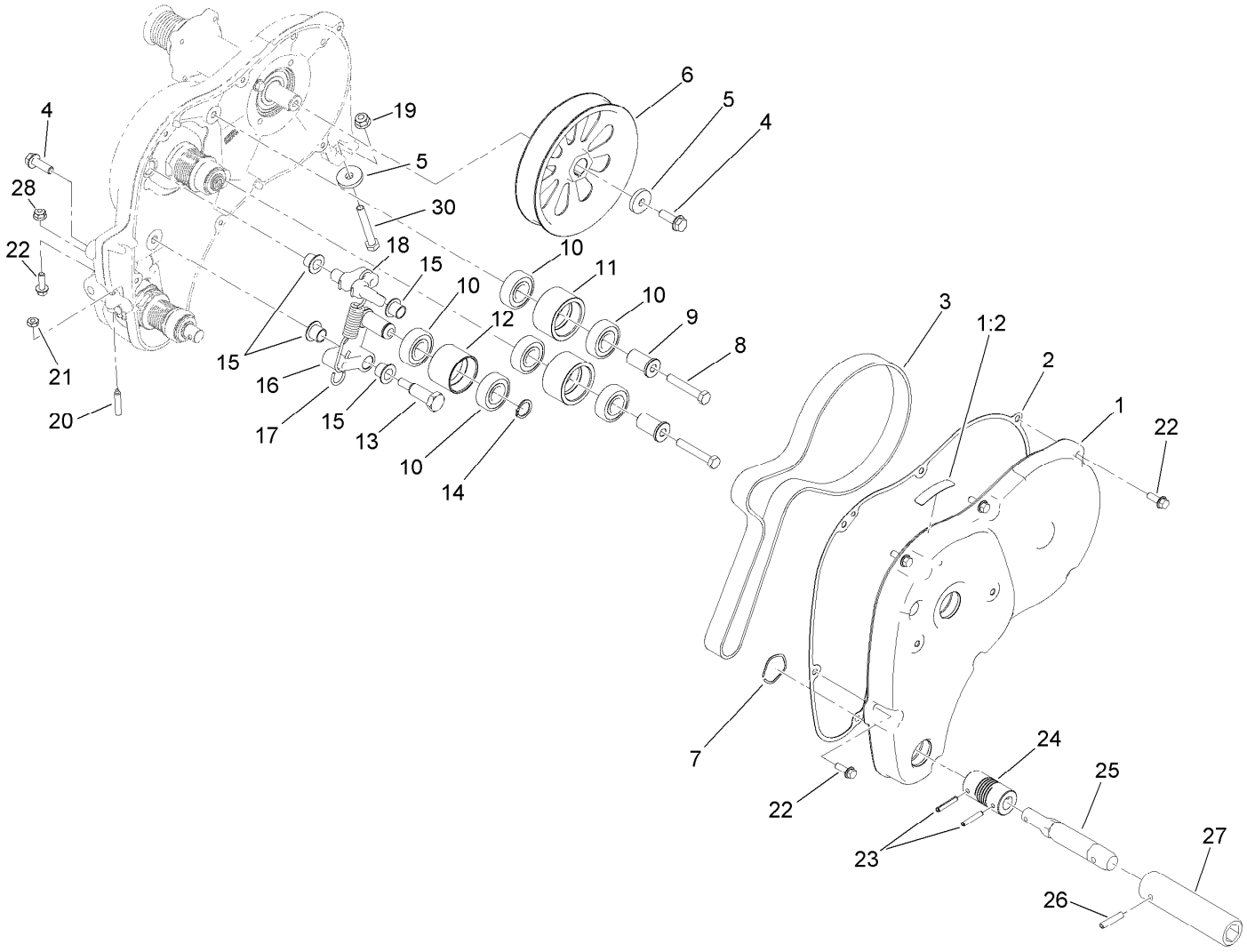

# Grass Basket Assembly

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 121-4733 | 1 | Basket ASM |
| 1:2 | 121-4730 | 2 | Bumper-Basket |
| 1:3 | 3274-69 | 2 | Screw-HSBH |
| 1:4 | 119-4040 | 2 | Nut-Flange, NI |
| 1:5 | 121-4734 | 1 | Strip-Lip, Basket |
| 1:6 | 3290-382 | 7 | Rivet-Pop |
| 2 | 125-3543-03 | 1 | Bracket-Basket |
| 3 | 119-4040 | 6 | Nut-Flange, NI |
| 4 | 119-4012 | 6 | Screw-HWHTF |
| 5 | 120-9646 | 2 | Washer-Flat |




# Left Side Transmission Assembly

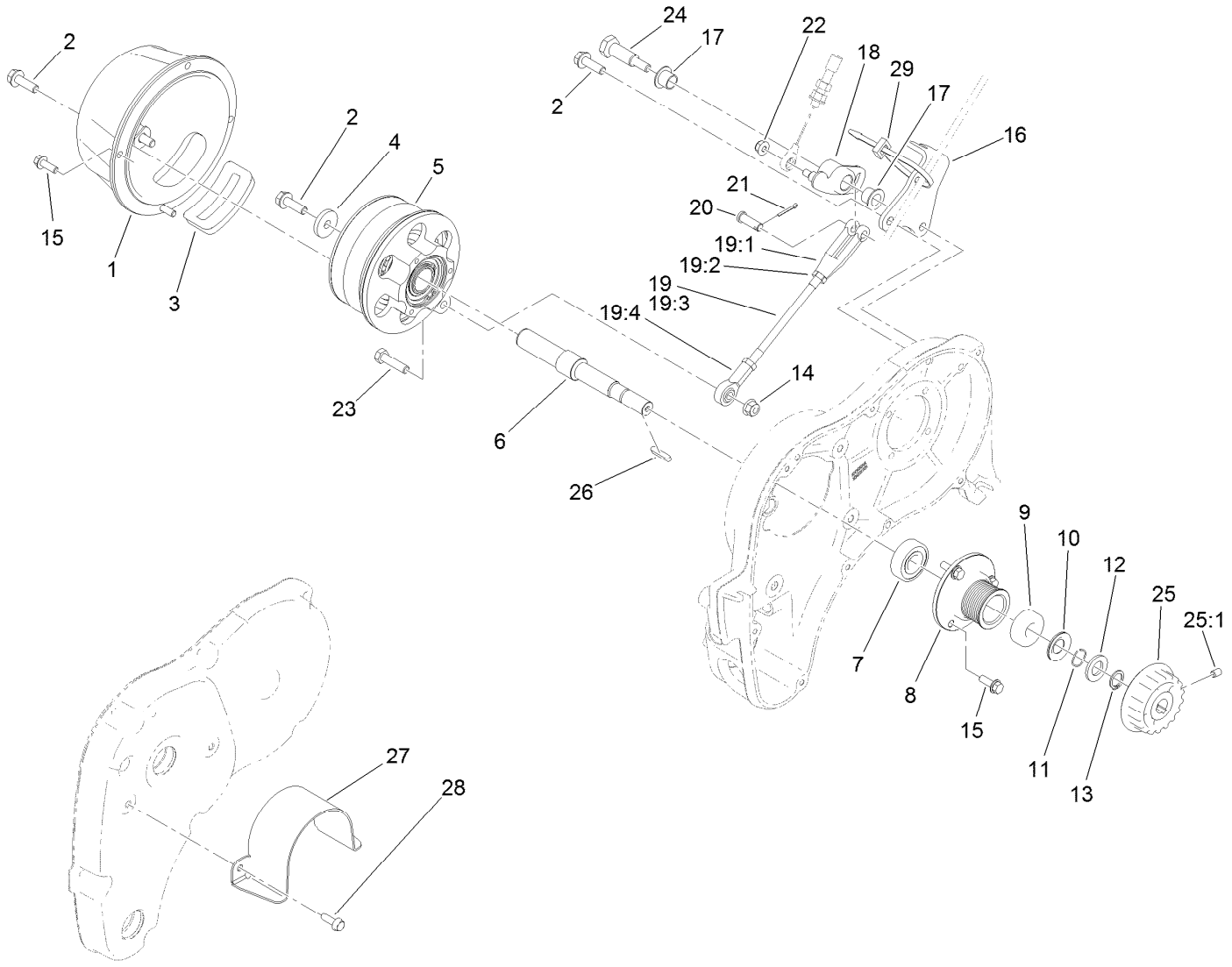
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 115-7150 | 1 | Housing-Transmission |
| 2 | 115-7158 | 1 | Housing-Extension |
| 3 | 251-82 | 2 | Bearing-Ball |
| 4 | 115-6747 | 1 | Pulley-Driven |
| 5 | 119-1138 | 4 | Screw-HWH |
| 6 | 95-0715 | 2 | Pin-Dowel |
| 7 | 32151-47 | 1 | Ring-Retaining |
| 8 | 93-2561 | 2 | Bushing-Flange |
| 9 | 108-2973 | 2 | Bushing-Flange |
| 10 | 115-7126 | 1 | Lever-Clutch, Reel |
| 11 | 115-7131 | 1 | Ring-Brake, Reel |
| 12 | 115-6869 | 1 | Bearing-Ball, Stainless |
| 13 | 115-7243 | 1 | Ring-Retaining, EXT |
| 14 | 115-7130 | 1 | Disc-Brake, Reel |
| 15 | 115-7123 | 2 | Pin-Pivot, Clutch |
| 16 | 115-7124 | 1 | Fork-Clutch, Reel |
| 17 | 115-7125 | 1 | Hub-Clutch, Reel |
| 18 | 115-7127 | 1 | Hub-Drive, Reel |
| 19 | 115-7138 | 1 | Shaft-Clutch |
| 20 | 115-7222 | 1 | Spacer |
| 21 | 115-6870 | 2 | Bearing-Ball, Sealed |
| 22 | 115-7139 | 1 | Pulley-Clutch, Reel |
| 23 | 115-6811 | 1 | Collar-Bearing |
| 24 | 115-6923 | 1 | Shield-Bearing, Flocked |
| 25 | 115-7143 | 1 | Spring-Wave |
| 26 | 115-7144 | 1 | Washer-Flat |
| 27 | 115-6755 | 1 | Ring-Retaining |
| 28 | 3257-30 | 1 | Key-Woodruff |
| 29 | 3290-485 | 1 | Washer-Wave |
| 30 | 38-7820 | 1 | Bearing-Ball |
| 31 | 115-7249 | 1 | Spacer |
| 32 | 115-7288 | 1 | Plug |
| 33 | 32120-47 | 1 | Ring-Retaining, External |
| 34 | 120-9571 | 1 | Decal-Release, Traction |




# Right Side Transmission Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 120-9597 | 1 | Transmission Cover ASM |
| 1:2 | 120-9570 | 1 | Decal-Warning |
| 2 | 115-7140 | 1 | Gasket-Housing, Main |
| 3 | 115-6743 | 1 | Belt-Drive, Main |
| 4 | 115-5142 | 2 | Screw-HHF |
| 5 | 115-7292 | 2 | Washer-Hardened |
| 6 | 115-7285 | 1 | Pulley-Driven |
| 7 | 115-7209 | 1 | Washer-Wave |
| 8 | 120-9686 | 2 | Screw-HH |
| 9 | 115-7129 | 2 | Bushing-Pulley, Idler |
| 10 | 38-7820 | 6 | Bearing-Ball |
| 11 | 115-6873 | 2 | Pulley-Idler |
| 12 | 115-7133 | 1 | Pulley-Idler |
| 13 | 115-6845 | 1 | Screw-Shoulder |
| 14 | 32151-12 | 1 | Ring-Retaining |

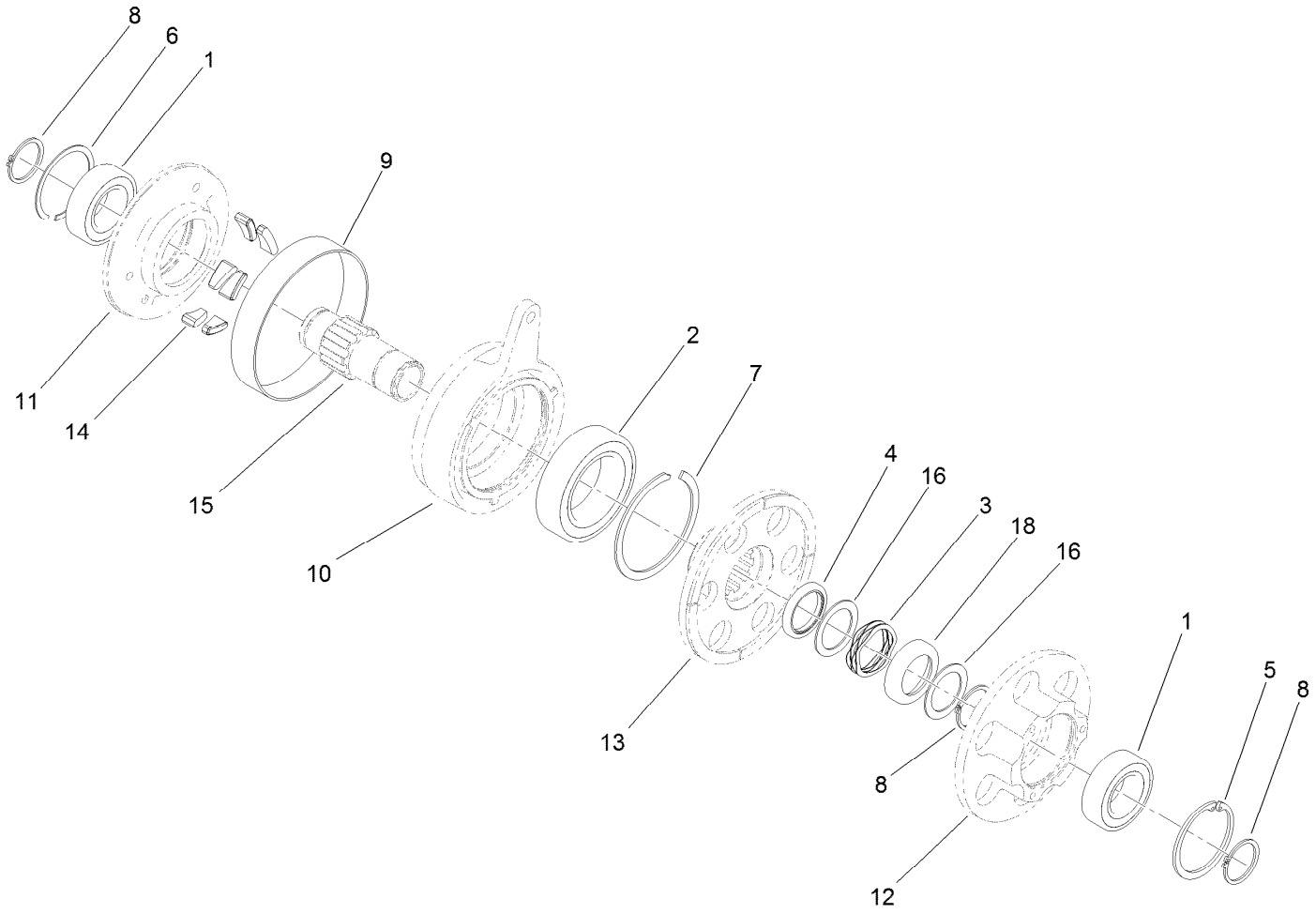
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 15 | 93-2561 | 4 | Bushing-Flange |
| 16 | 115-6847 | 1 | Idler-Drive, Main |
| 17 | 115-6842 | 1 | Spring-Extension |
| 18 | 115-7128 | 1 | Lever-Spring |
| 19 | 119-4041 | 1 | Nut-HF |
| 20 | 1239 | 1 | Setscrew |
| 21 | 120-9695 | 1 | Nut-Jam |
| 22 | 119-1138 | 8 | Screw-HWH |
| 23 | 119-4033 | 2 | Pin-Spring |
| 24 | 115-6867 | 1 | Coupling-Flex |
| 25 | 125-3540 | 1 | Shaft-Hex |
| 26 | 125-3542 | 1 | Pin-Spring |
| 27 | 110-2390 | 1 | Tube-Hex |
| 28 | 119-4040 | 1 | Nut-Flange, NI |
| 30 | 120-9738 | 1 | Screw-HH |




# Clutch Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 115-7162 | 1 | Housing-Clutch |
| 2 | 115-5142 | 5 | Screw-HHF |
| 3 | 115-7142 | 1 | Grommet-Lever, Clutch |
| 4 | 115-7292 | 1 | Washer-Hardened |
| 5 | 117-1485 | 1 | Clutch ASM |
| 6 | 115-7137 | 1 | Shaft-Clutch |
| 7 | 38-7820 | 1 | Bearing-Ball |
| 8 | 115-7136 | 1 | Pulley-Drive |
| 9 | 115-6869 | 1 | Bearing-Ball, Stainless |
| 10 | 115-6923 | 1 | Shield-Bearing, Flocked |
| 11 | 115-7143 | 1 | Spring-Wave |
| 12 | 115-7144 | 1 | Washer-Flat |
| 13 | 115-6755 | 1 | Ring-Retaining |
| 14 | 119-4041 | 1 | Nut-HF |
| 15 | 119-1138 | 7 | Screw-HWH |
| 16 | 115-7090-03 | 1 | Bracket-Cable, Traction |
| 17 | 93-2561 | 2 | Bushing-Flange |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 18 | 115-7082 | 1 | Lever-Bellcrank |
| 19 | 115-7245 | 1 | Bellcrank Rod ASM |
| 19:1 | 282-27 | 1 | Clevis-Adj |
| 19:2 | 3220-2 | 2 | Nut-Jam |
| 19:3 | 115-7084 | 1 | Rod-Bellcrank |
| 19:4 | 1-543017 | 1 | Balljoint-RH |
| 20 | 120-9694 | 1 | Pin-Clevis |
| 21 | 120-9716 | 1 | Pin-Cotter |
| 22 | 119-4040 | 1 | Nut-Flange, NI |
| 23 | 120-9696 | 1 | Screw-HH |
| 24 | 115-6845 | 1 | Screw-Shoulder |
| 25 | 115-7276 | 1 | Endpiece-Coupler, 15Mm |
| 25:1 | 3245-41 | 2 | Screw-HSH |
| 26 | 88-7150 | 1 | Key-Square |
| 27 | 120-9552-03 | 1 | Guard-Coupler |
| 28 | 131-6150 | 2 | Screw-HWHTF |
| 29 | 3290-378 | 1 | Tie-Cable |

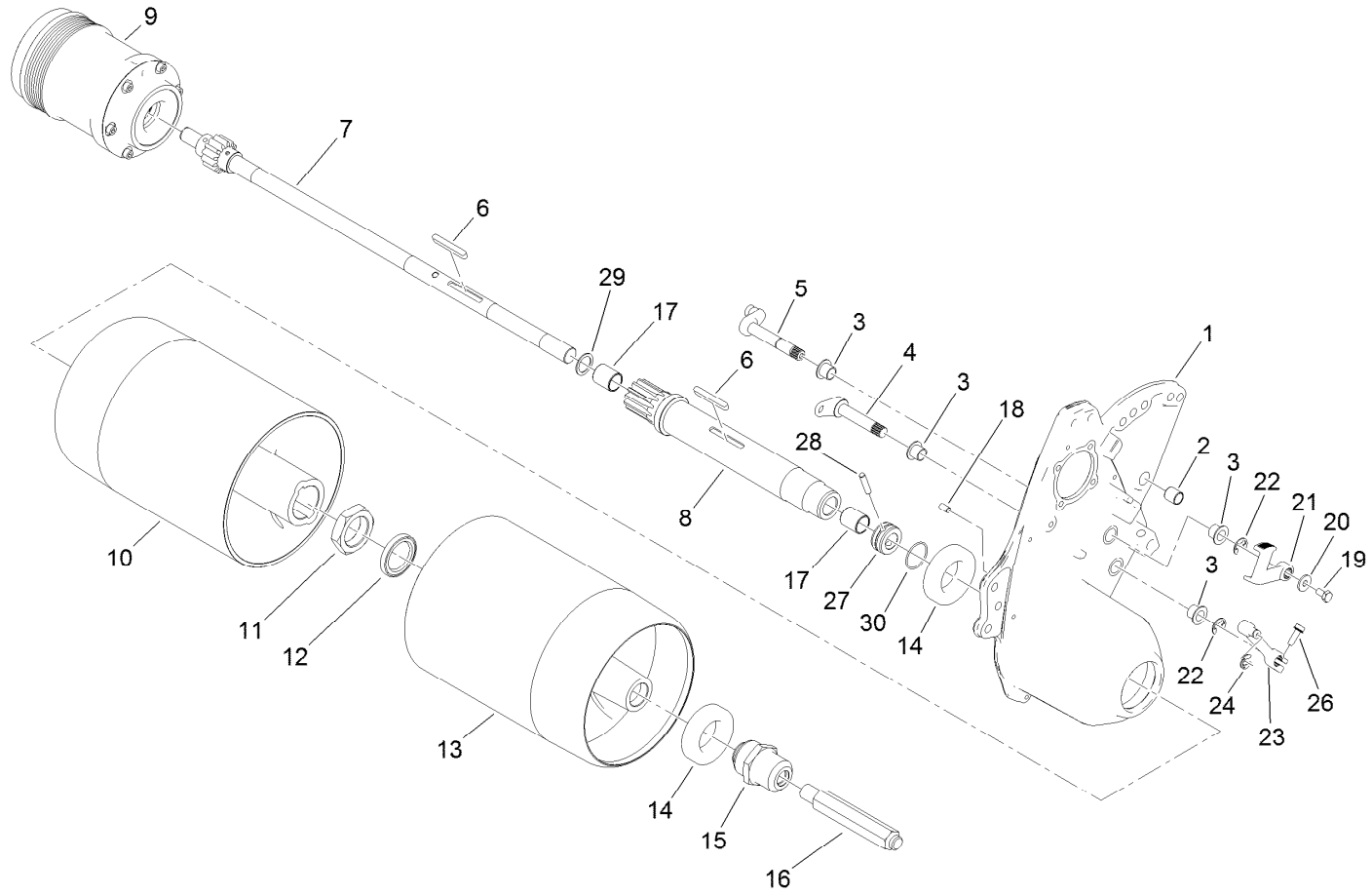



# Clutch Assembly No. 117-1485

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 120-9663 | 2 | Bearing-Ball |
| 2 | 120-9664 | 1 | Bearing-Ball |
| 3 | 120-9665 | 1 | Spring-Wave |
| 4 | 120-9666 | 1 | Seal-Oil |
| 5 | 120-9667 | 1 | Ring-Retaining, Internal |
| 6 | 120-9668 | 1 | Ring-Retaining, Internal |
| 7 | 120-9669 | 1 | Ring-Retaining, Internal |
| 8 | 120-9670 | 3 | Ring-Retaining, External |
| 9 | 120-9674 | 1 | Cover-Airgap |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 10 | | 1 | Housing-Rotating ● |
| 11 | | 1 | Housing-Fixed ● |
| 12 | | 1 | Plate-Mounting ● |
| 13 | | 1 | Disc-Friction ● |
| 14 | | 1 | Insert ● |
| 15 | | 1 | Hub ● |
| 16 | 120-9671 | 2 | Shim-30 Mm |
| 18 | 120-9673 | 1 | Cup-Spring |

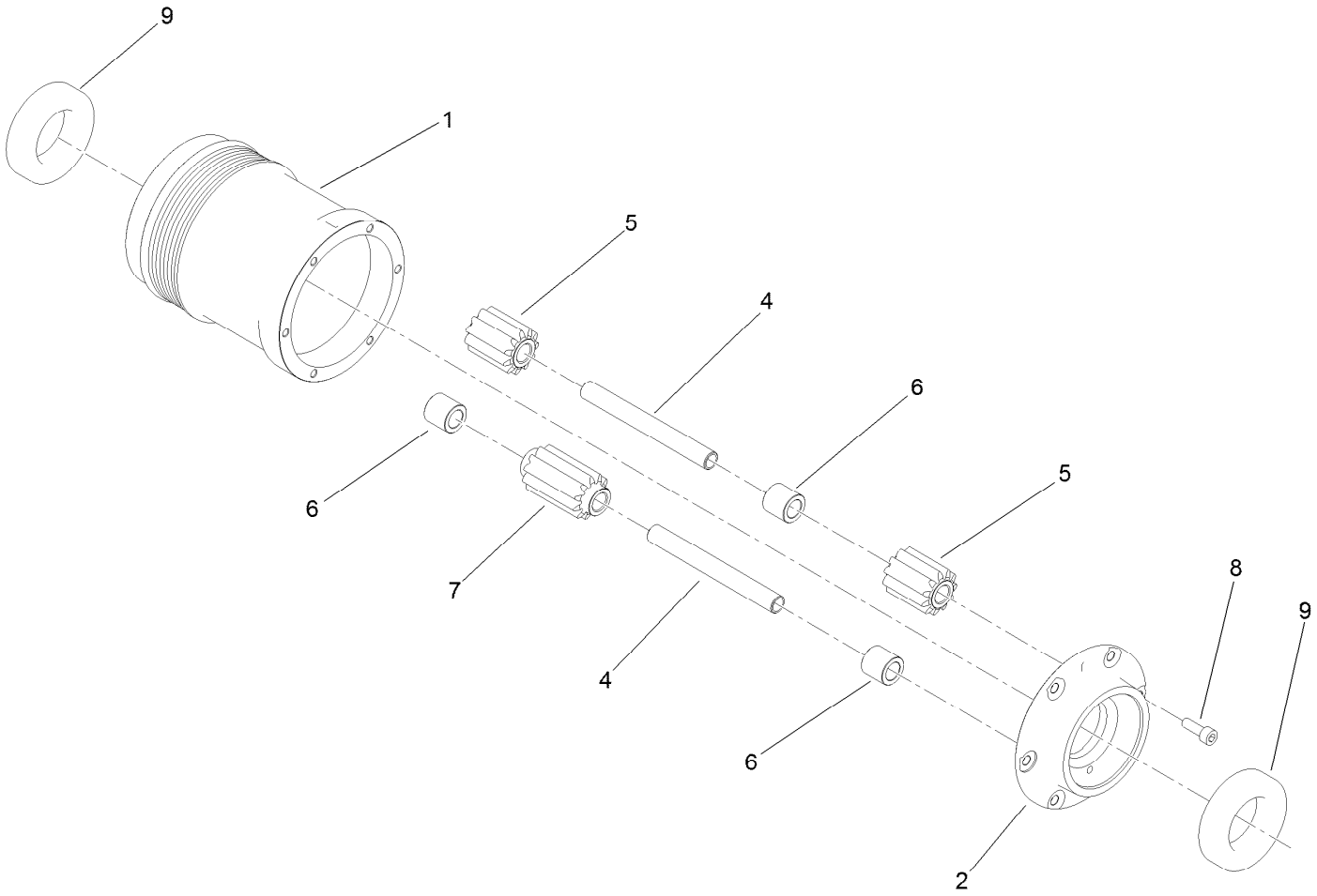
● Not serviced separately




# Differential and Traction Drum Assembly

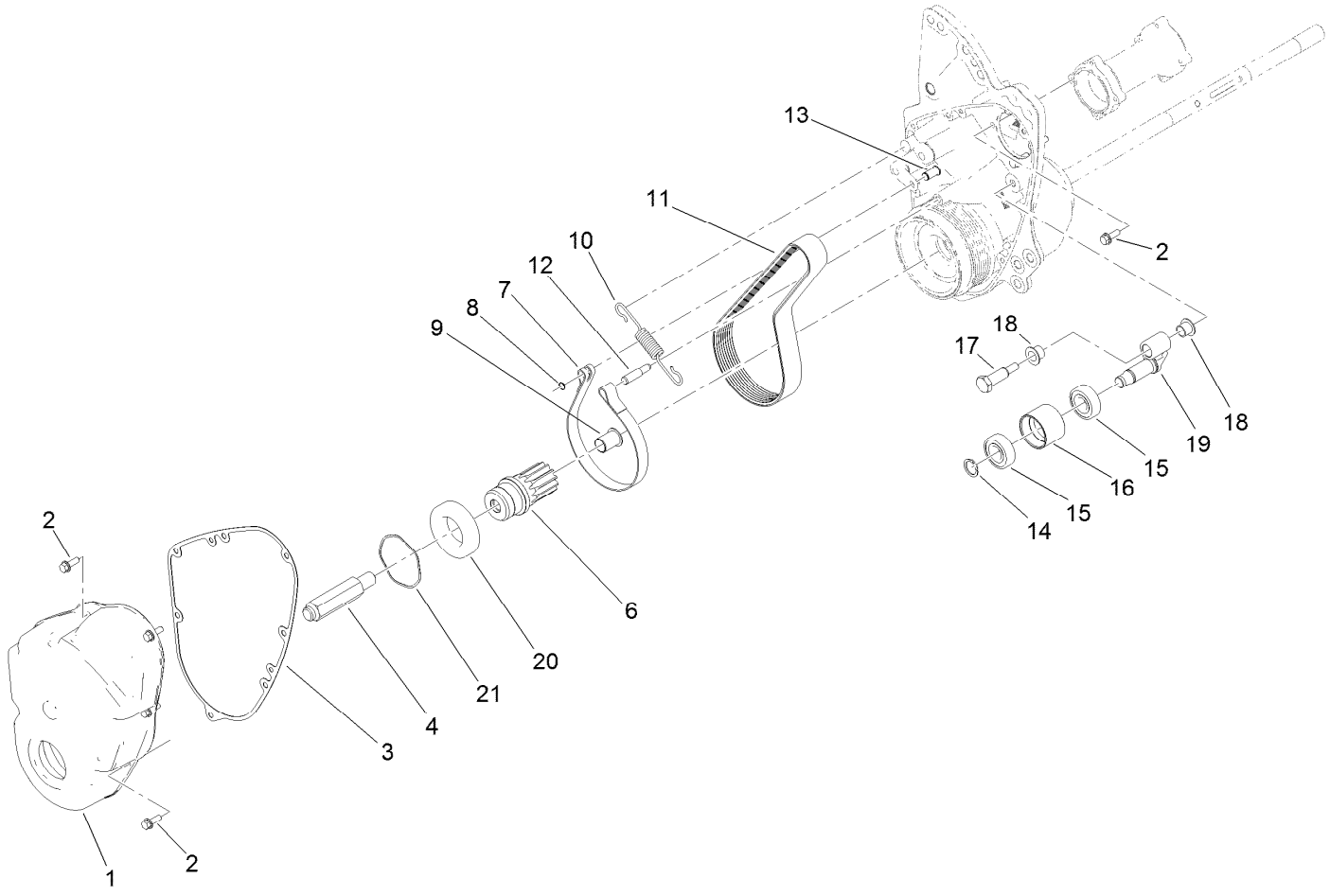
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 115-7154 | 1 | Housing-Drive, Drum |
| 2 | 115-7295 | 1 | Bushing-Straight |
| 3 | 93-2561 | 4 | Bushing-Flange |
| 4 | 115-7119 | 1 | Lever-Brake |
| 5 | 115-7118 | 1 | Lever-Traction |
| 6 | 115-6769 | 2 | Key-Sq |
| 7 | 115-7135 | 1 | Shaft-Drum |
| 8 | 115-6760 | 1 | Gear-Spur, Long |
| 9 | 115-6711 | 1 | Differential ASM |
| 10 | 115-6757 | 1 | Drum-Traction, RH |
| 11 | 115-7025 | 1 | Nut-Jam |
| 12 | 253-134 | 1 | Seal-Grease |
| 13 | 115-6759 | 1 | Drum-Traction, LH |
| 14 | 115-6860 | 2 | Bearing-Ball, Stainless |
| 15 | 115-6784 | 1 | Nut-Bearing |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 16 | 115-6785 | 1 | Shaft-Hex, LH |
| 17 | 115-7019 | 2 | Bushing-Straight |
| 18 | 95-0715 | 2 | Pin-Dowel |
| 19 | 120-9688 | 1 | Screw-HH |
| 20 | 120-9691 | 1 | Washer-Flat |
| 21 | 115-7121 | 1 | Lever-Traction, Engage |
| 22 | 32120-47 | 2 | Ring-Retaining, External |
| 23 | 115-7120 | 1 | Lever-Brake, Cable |
| 24 | 32151-47 | 1 | Ring-Retaining |
| 26 | 131-6150 | 1 | Screw-HWHTF |
| 27 | 115-7023 | 1 | Collar-Lock |
| 28 | 125-3529 | 1 | Pin-Shear |
| 29 | 115-7210 | 1 | Washer-Thrust |
| 30 | 340-64 | 1 | O-Ring |




# Differential Assembly No. 115-6711

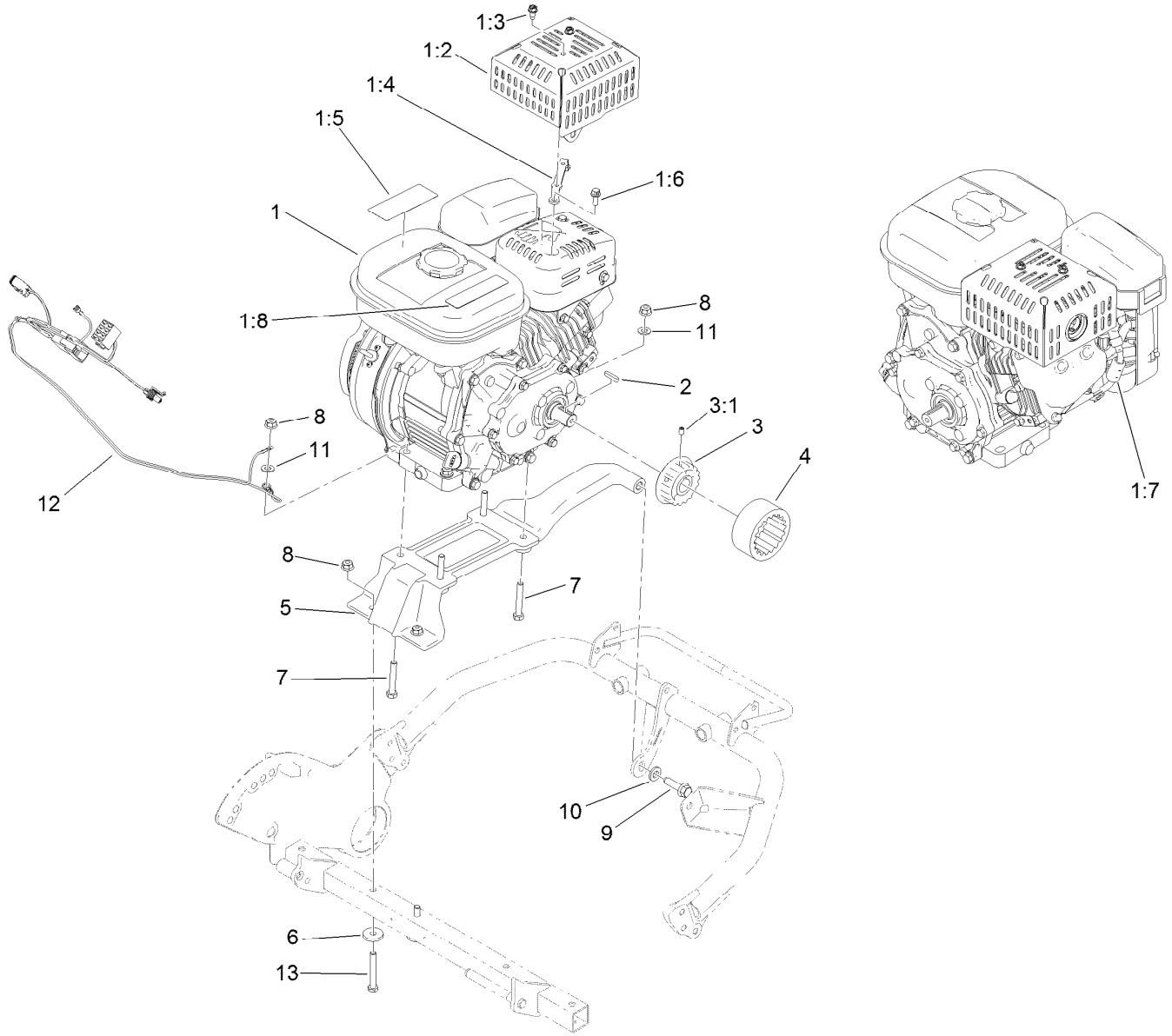
| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 115-7017 | 1 | Housing-Differential |
| 2 | 115-6865 | 1 | Cover-Differential |
| 4 | 115-6866 | 6 | Pin-Differential |
| 5 | 115-6715 | 6 | Gear-Spur, Dual |
| 6 | 115-6862 | 9 | Spacer-Differential, Natural |
| 7 | 115-6716 | 3 | Gear-Spur |
| 8 | 3274-101 | 6 | Screw-HSH |
| 9 | 251-310 | 2 | Bearing-Ball |




# Drum Drive Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 115-7156 | 1 | Cover-Drive, Drum |
| 2 | 119-1138 | 11 | Screw-HWH |
| 3 | 115-7141 | 1 | Gasket-Housing, Drum |
| 4 | 115-6786 | 1 | Shaft-Hex, RH |
| 6 | 115-6717 | 1 | Gear-Spur |
| 7 | 115-6846 | 1 | Brake-Band |
| 8 | 32120-46 | 1 | Ring-Retaining |
| 9 | 115-7211 | 1 | Bushing-Flanged |
| 10 | 115-6841 | 1 | Spring-Extension |
| 11 | 115-6744 | 1 | Belt-Drive, Drum |

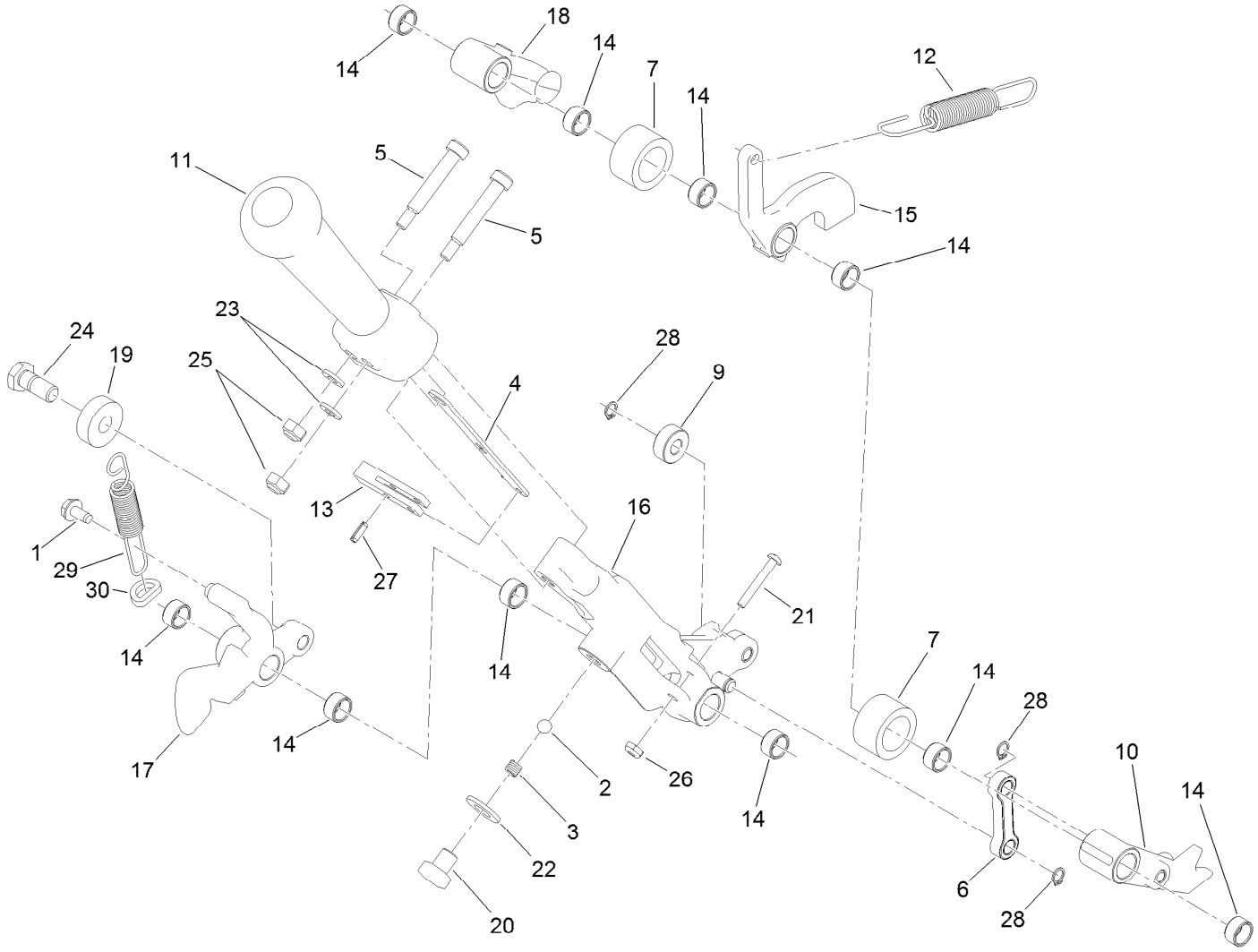
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 12 | 115-7116 | 1 | Pin-Mount, Brake |
| 13 | 120-9687 | 1 | Pin-Clevis, Brake |
| 14 | 32151-12 | 1 | Ring-Retaining |
| 15 | 38-7820 | 2 | Bearing-Ball |
| 16 | 115-7133 | 1 | Pulley-Idler |
| 17 | 115-6845 | 1 | Screw-Shoulder |
| 18 | 93-2561 | 2 | Bushing-Flange |
| 19 | 115-7235 | 1 | Idler-Drum |
| 20 | 115-6860 | 1 | Bearing-Ball, Stainless |
| 21 | 115-7294 | 1 | Washer-Wave |




# Engine Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 125-5243 | 1 | Engine ASM |
| 1:2 | 120-9240-03 | 1 | Guard-Muffler |
| 1:3 | 120-9551 | 2 | Screw-HWH |
| 1:4 | 115-7352 | 1 | Bracket-Guard, Muffler |
| 1:5 | 120-2769 | 1 | Decal-Warning |
| 1:6 | 104-2628 | 2 | Screw-HWH |
| 1:7 | 112-1540 | 1 | Ferrite-Snap On |
| 1:8 | 117-2718 | 1 | Decal-Arrester, Spark |
| 2 | 88-7150 | 1 | Key-Square |
| 3 | 115-7277 | 1 | Endpiece-Coupler |
| 3:1 | 3245-41 | 2 | Screw-HSH |

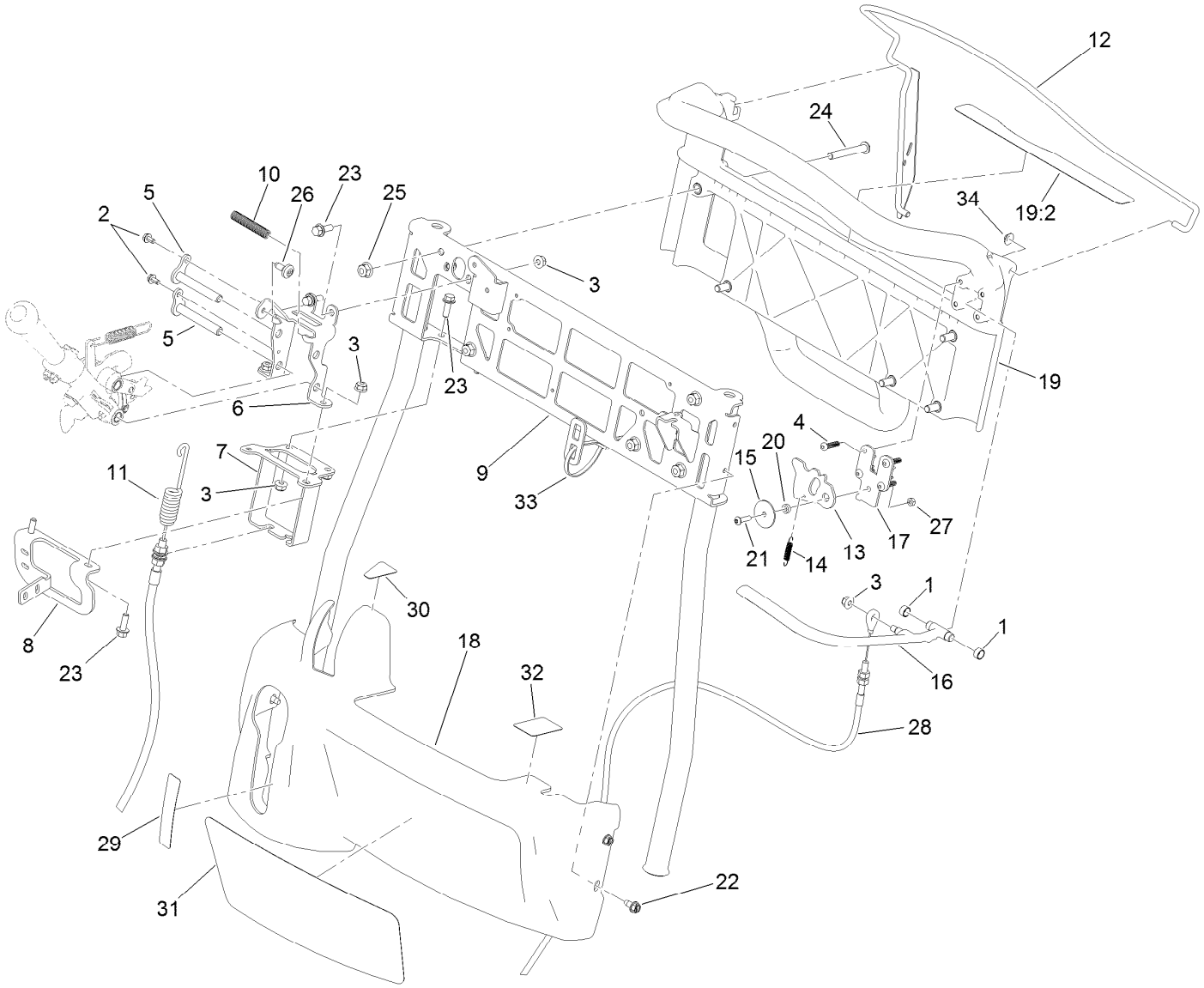
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 4 | 115-7278 | 1 | Sleeve-Coupler |
| 5 | 115-7075 | 1 | Base-Engine |
| 6 | 115-7292 | 2 | Washer-Hardened |
| 7 | 120-9686 | 4 | Screw-HH |
| 8 | 119-4041 | 6 | Nut-HF |
| 9 | 115-7024 | 1 | Screw-HHF |
| 10 | 115-7293 | 1 | Washer-Hardened |
| 11 | 120-9683 | 4 | Washer-Plain |
| 12 | 120-6304 | 1 | Harness-Wire |
| 13 | 120-9738 | 2 | Screw-HH |




# Shift Lever Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 104-2065 | 1 | Screw-HWH |
| 2 | 105-2442 | 1 | Ball-Detent |
| 3 | 105-2443 | 1 | Spring-Detent |
| 4 | 115-6992 | 1 | Link-Arm, Shift |
| 5 | 115-6997 | 2 | Screw-Shoulder |
| 6 | 115-7066 | 1 | Link-Shifter |
| 7 | 115-7071 | 2 | Bumper-Sleeve, Rubber |
| 9 | 115-7073 | 1 | Spacer |
| 10 | 115-7206 | 1 | Spring Lever ASM |
| 11 | 115-7098 | 1 | Handle-Shift |
| 12 | 115-7219 | 1 | Spring-Extension |
| 13 | 120-9703 | 1 | Pin-Latch |
| 14 | 120-9708 | 10 | Bushing |
| 15 | 120-9746 | 1 | Latch-Shifter |
| 16 | 115-7099 | 1 | Lever-Transport |

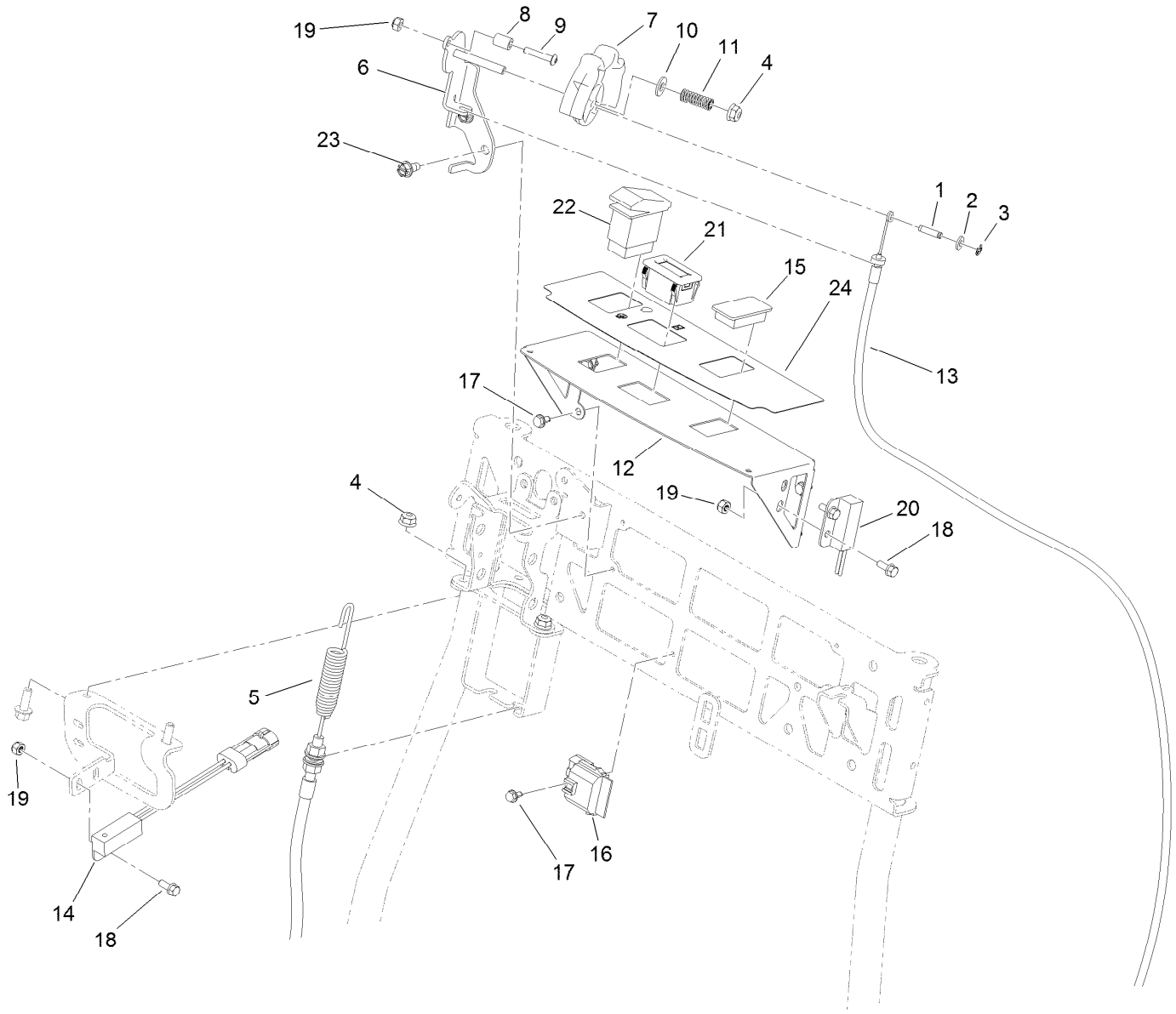
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 17 | 120-9711 | 1 | Lever-Shift, Reel |
| 18 | 120-9712 | 1 | Lever-Cam, Reel |
| 19 | 251-259 | 1 | Bearing-Ball |
| 20 | 119-4067 | 1 | Screw-HH |
| 21 | 120-9693 | 1 | Screw-PPH |
| 22 | 120-9683 | 1 | Washer-Plain |
| 23 | 120-9680 | 2 | Washer-Flat |
| 24 | 120-9747 | 1 | Screw-Shoulder |
| 25 | 120-9681 | 2 | Nut-Lock, NI |
| 26 | 120-9684 | 1 | Nut-Lock |
| 27 | 32121-68 | 1 | Pin-Roll |
| 28 | 613328 | 3 | Ring-Retaining |
| 29 | 120-9704 | 1 | Spring-Extension |
| 30 | 120-9729 | 1 | Collar-Spring |




# Handle Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 99-6247 | 2 | Bushing-Bronze |
| 2 | 104-2065 | 2 | Screw-HWH |
| 3 | 119-4040 | 7 | Nut-Flange, NI |
| 4 | 120-9676 | 4 | Screw-Plastite |
| 5 | 115-6966 | 2 | Shift Lever Pin ASM |
| 6 | 115-7055-03 | 1 | Bracket-Shifter |
| 7 | 115-7063-03 | 1 | Mount-Shift |
| 8 | 115-7068 | 1 | Bracket-Mount, Switch |
| 9 | 115-7078-03 | 1 | Handle-Lower |
| 10 | 115-7299 | 1 | Spring-Extension |
| 11 | 115-7172 | 1 | Cable-Clutch, Reel |
| 12 | 115-7216-03 | 1 | Bail |
| 13 | 115-7229 | 1 | Latch-Brake |
| 14 | 115-7230 | 1 | Spring-Extension |
| 15 | 115-7231 | 1 | Washer |
| 16 | 115-7232 | 1 | Lever-Brake |
| 17 | 115-7238 | 1 | Keeper-Lever, Brake |
| 18 | 115-7250 | 1 | Cover-Console |

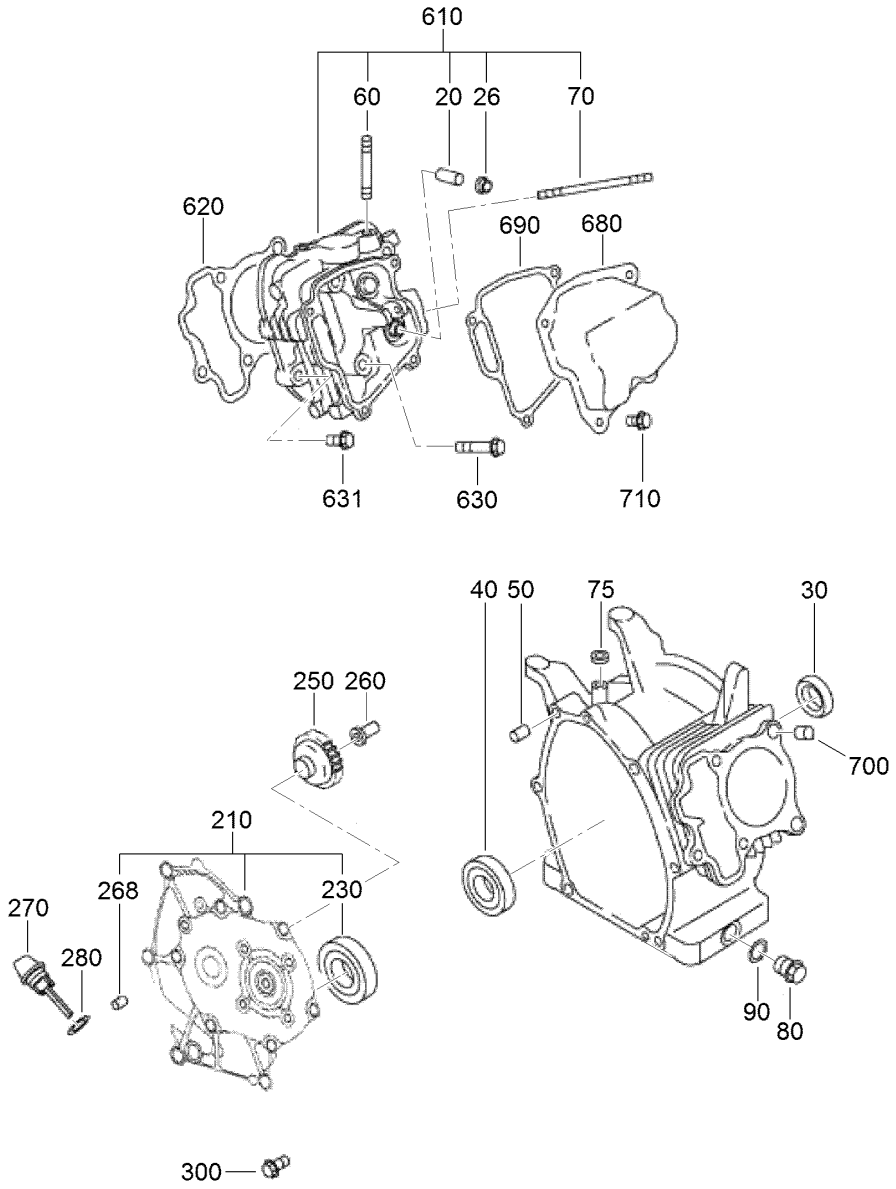
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 19 | 120-9726 | 1 | Upper Handle ASM |
| 19:2 | 120-9593 | 1 | Decal-Warning |
| 20 | 115-7291 | 1 | Spacer-Latch, Brake |
| 21 | 119-1224 | 1 | Screw-HSBH |
| 22 | 120-9551 | 4 | Screw-HWH |
| 23 | 120-9678 | 6 | Screw-HHF |
| 24 | 115-7260 | 5 | Screw-HSBH |
| 25 | 119-4041 | 5 | Nut-HF |
| 26 | 120-7950 | 1 | Screw-Shoulder |
| 27 | 120-9681 | 1 | Nut-Lock, NI |
| 28 | 115-7171 | 1 | Cable-Brake |
| 29 | 115-7271 | 1 | Decal-Shift, Gear |
| 30 | 115-7051 | 1 | Decal-Throttle |
| 31 | 115-7267 | 1 | Decal |
| 32 | 120-9598 | 1 | Decal-Brake |
| 33 | 3290-378 | 1 | Tie-Cable |
| 34 | 3290-337 | 1 | Nut-Speed |




# Throttle and Console Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 125-3534 | 1 | Pin-Throttle Cable |
| 2 | 120-9680 | 1 | Washer-Flat |
| 3 | 110-1758 | 1 | Ring-Retaining |
| 4 | 119-4040 | 1 | Nut-Flange, NI |
| 5 | 117-1397 | 1 | Cable-Clutch, Traction |
| 6 | 115-7226-03 | 1 | Mount-Throttle |
| 7 | 115-6947 | 1 | Wheel-Control, Throttle |
| 8 | 115-6941 | 1 | Spacer |
| 9 | 108-3153 | 1 | Screw-HSBH |
| 10 | 120-9679 | 1 | Washer-Flat |
| 11 | 121-4619 | 1 | Spring-Compression |
| 12 | 115-7208-03 | 1 | Panel-Switch |
| 13 | 117-1398 | 1 | Cable-Throttle |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 14 | 120-6379 | 1 | Sensor-Ferrous Proximity, NC |
| 15 | 99-7420 | 1 | Plug-Hole |
| 16 | 1-323430 | 1 | Module-Interlock |
| 17 | 104-2065 | 5 | Screw-HWH |
| 18 | 120-9748 | 4 | Screw-HWH |
| 19 | 120-9681 | 5 | Nut-Lock, NI |
| 20 | 120-6326 | 1 | Sensor-Proximity, Ferrous |
| 21 | 119-1347 | 1 | Meter-Hour |
| 22 | 95-8999 | 1 | Switch |
| 23 | 120-9551 | 2 | Screw-HWH |
| 24 | 115-7274 | 1 | Decal-Console |

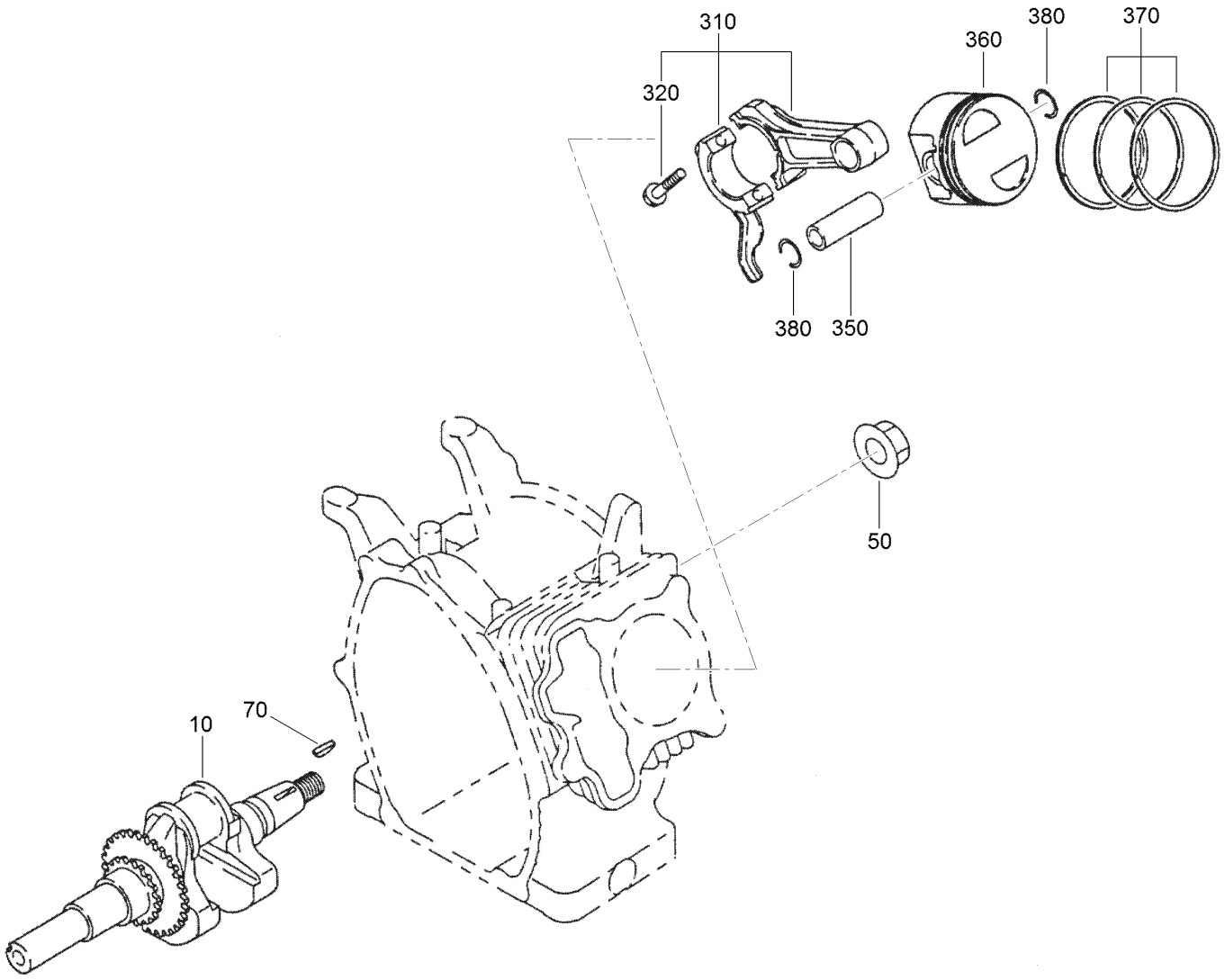



# Crankcase Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 20 | 121-0571 | 2 | Guide-Valve |
| 26 | 121-0611 | 1 | Seal-Stem |
| 30 | 121-0540 | 1 | Seal-Oil |
| 40 | 121-0546 | 1 | Bearing-Ball |
| 50 | 121-0608 | 2 | Pipe-Knock |
| 60 | 121-0512 | 2 | Stud |
| 70 | 121-0511 | 2 | Stud |
| 75 | 121-0539 | 1 | Seal-Oil |
| 80 | 121-0538 | 1 | Plug |
| 90 | 121-0532 | 1 | Gasket |
| 210 | 121-0607 | 1 | Main Bearing Cover ASM |
| 230 | 121-0544 | 1 | Bearing-Ball |
| 250 | 121-0652 | 1 | Governor Gear ASM |
| 260 | 121-0641 | 1 | Sleeve-Governor |
| 268 | 121-6351 | 2 | Pin-Straight |

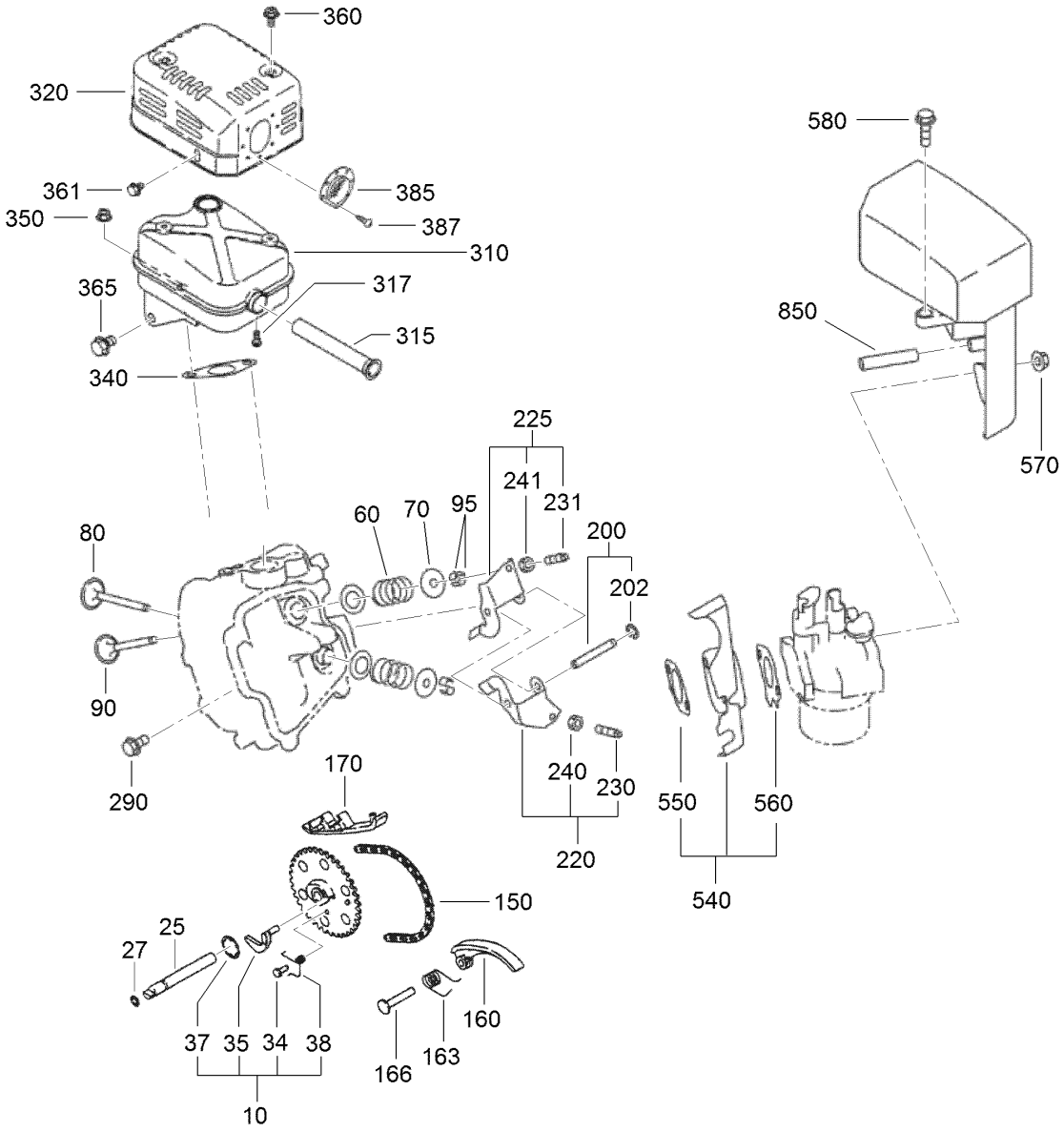
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 270 | 121-0665 | 1 | Gauge-Oil |
| 280 | 121-6374 | 1 | Gasket |
| 300 | 121-0502 | 6 | Bolt-Flange |
| 610 | 121-0672 | 1 | Cylinder Head ASM (Serial No. 1Xxxxxxx) |
| 610 | 125-9159 | 1 | Cylinder Head ASM (Serial No. 2Xxxxxxx) |
| 620 | 121-0585 | 1 | Gasket-Head |
| 630 | 121-0519 | 4 | Bolt-Flange |
| 631 | 121-0520 | 1 | Bolt-Flange |
| 680 | 121-0609 | 1 | Rocker Cover ASM |
| 690 | 121-0610 | 1 | Gasket-Cover, Rocker |
| 700 | 121-0608 | 2 | Pipe-Knock |
| 710 | 121-0514 | 4 | Bolt-Flange |
| 960 | 121-0606 | 1 | Gasket Set ● |

● Not illustrated




# Crankshaft and Piston Assembly

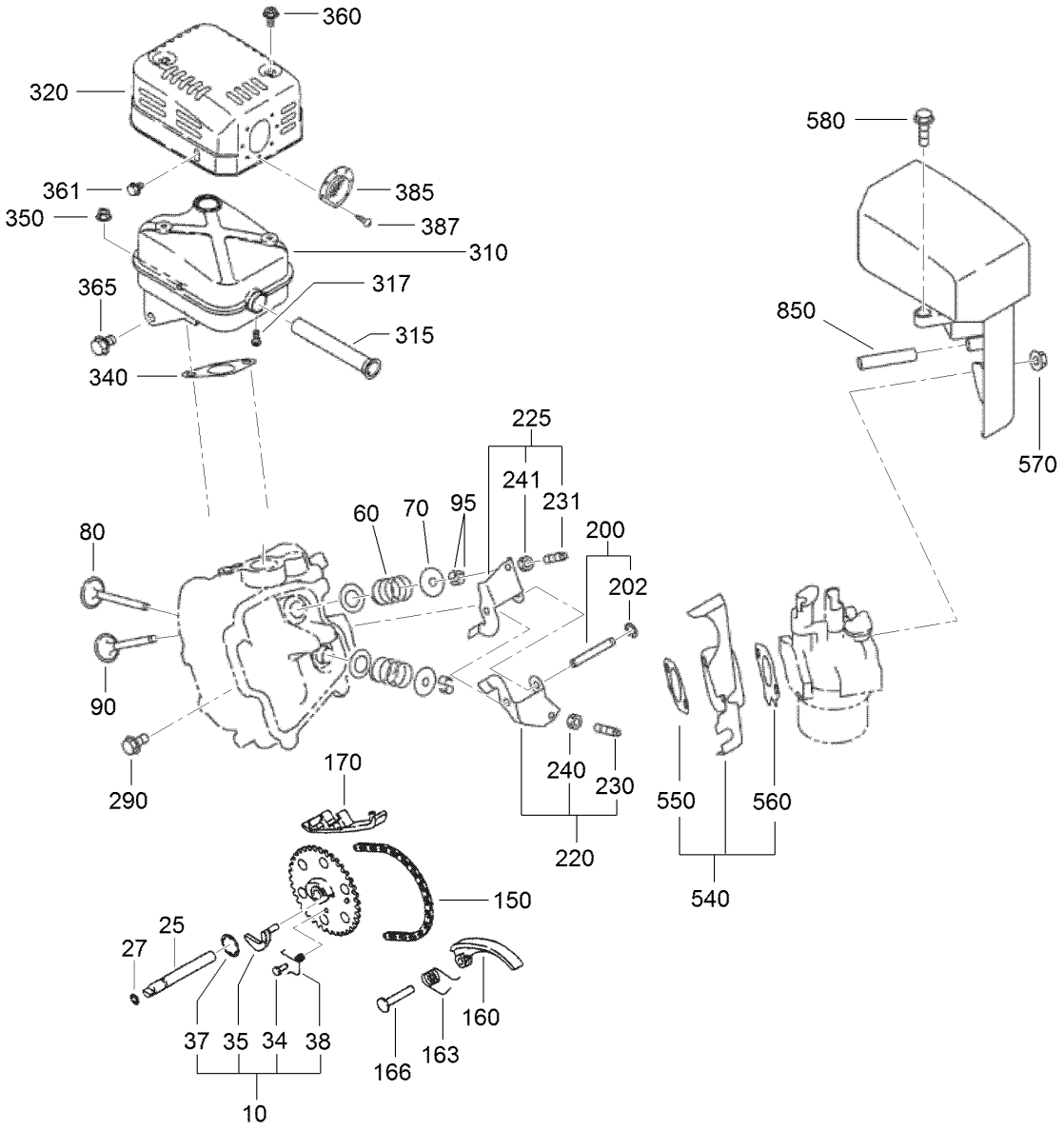
| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 10 | 121-0586 | 1 | Crankshaft ASM |
| 50 | 121-0529 | 1 | Nut-Flange |
| 70 | 121-0537 | 1 | Key-Woodruff |
| 310 | 121-0587 | 1 | Connecting Rod ASM |
| 310 | 121-0588 | 1 | Connecting Rod ASM (Undersize) |
| 320 | 121-0612 | 2 | Bolt-Rod, Connecting |
| 350 | 121-0589 | 1 | Pin-Piston |
| 360 | 121-6353 | 1 | Piston (Oversize 0.50 Mm) |
| 360 | 121-0590 | 1 | Piston (STD) |
| 360 | 121-0591 | 1 | Piston (Oversize 0.250 Mm) |
| 370 | 121-0592 | 1 | Piston Ring Set (STD) |
| 370 | 121-0593 | 1 | Piston Ring Set (Oversize 0.250 Mm) |
| 370 | 121-0594 | 1 | Piston Ring Set (Oversize 0.50 Mm) |
| 380 | 121-0561 | 2 | Clip |




# Intake and Exhaust Assembly

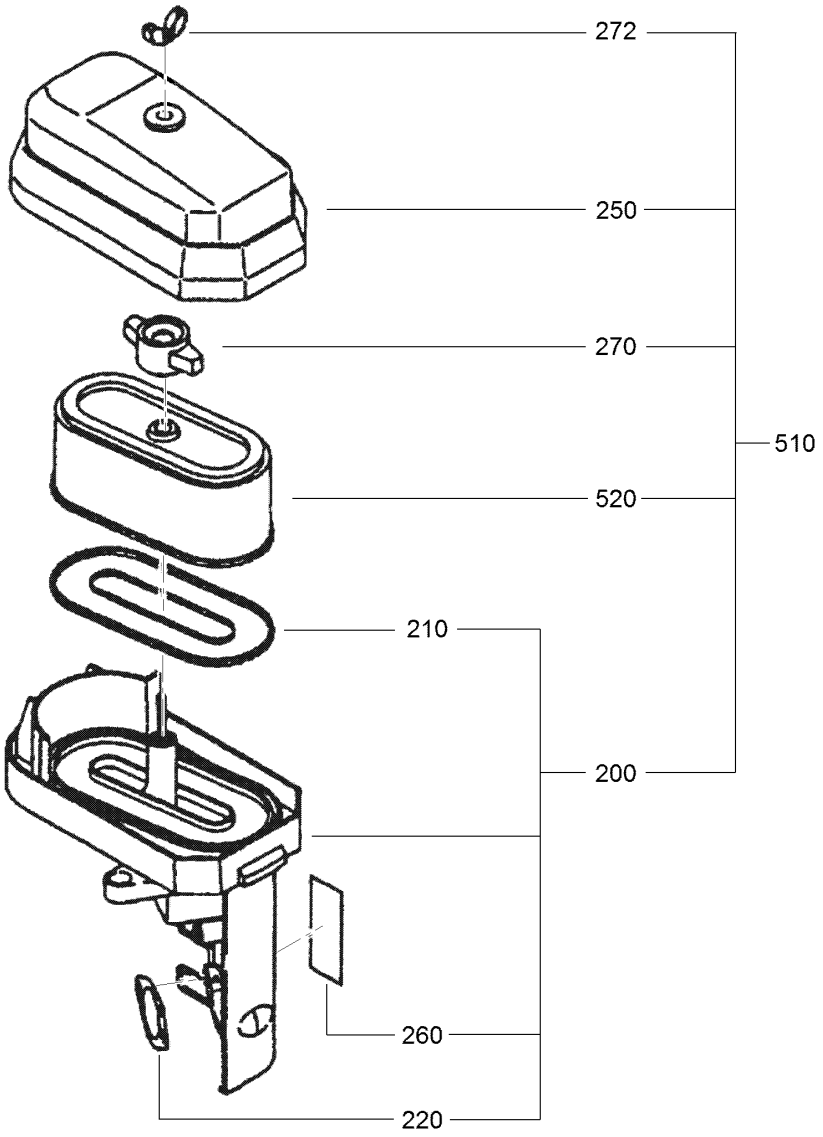
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 10 | 121-0613 | 1 | Camshaft ASM |
| 25 | 121-0625 | 1 | Pin-Camshaft |
| 27 | 121-0535 | 1 | O-Ring |
| 34 | 121-0639 | 1 | Pin-Spring |
| 35 | 121-0631 | 1 | Lever-Release |
| 37 | 121-0632 | 1 | Clip |
| 38 | 121-0640 | 1 | Spring-Return |
| 60 | 121-0673 | 2 | Spring-Valve |
| 70 | 121-0579 | 2 | Retainer-Spring |
| 80 | 121-0596 | 1 | Valve-Intake |
| 90 | 121-0597 | 1 | Valve-Exhaust |
| 95 | 121-0555 | 4 | Collet-Valve |
| 150 | 121-0599 | 1 | Timing Chain ASM |
| 160 | 121-0634 | 1 | Tensioner |
| 163 | 121-0637 | 1 | Spring-Tensioner |
| 166 | 121-0633 | 1 | Pin-Tensioner |
| 170 | 121-0635 | 1 | Guide-Chain |
| 200 | 121-0624 | 1 | Rocker Pin ASM |
| 202 | 121-0507 | 1 | Clip |
| 220 | 121-0629 | 1 | Intake Rocker Arm ASM |
| 225 | 121-0630 | 1 | Exhaust Rocker Arm ASM |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 230 | 121-0524 | 1 | Screw-Adjust |
| 231 | 121-0524 | 1 | Screw-Adjust |
| 240 | 121-0528 | 1 | Nut |
| 241 | 121-0528 | 1 | Nut |
| 290 | 121-0514 | 1 | Bolt-Flange |
| 310 | 121-0595 | 1 | Muffler ASM |
| 315 | 121-0638 | 1 | Arrestor-Spark |
| 317 | 121-0525 | 1 | Screw-Tapping |
| 320 | 121-0598 | 1 | Muffler Cover ASM |
| 340 | 121-0626 | 1 | Gasket-Muffler |
| 350 | 121-6376 | 2 | Nut-Flange |
| 360 | 121-0527 | 2 | Bolt-Flange |
| 361 | 121-0513 | 1 | Bolt-Flange |
| 365 | 121-0521 | 1 | Bolt-Flange |
| 385 | 121-6354 | 1 | Screen-Complete |
| 387 | 121-0525 | 2 | Screw-Tapping |
| 540 | 121-0623 | 1 | Insulator ASM |
| 550 | 121-0628 | 1 | Gasket-Insulator No.2 |
| 560 | 121-0627 | 1 | Gasket-Insulator No.1 |
| 570 | 121-0506 | 2 | Nut-Flange |



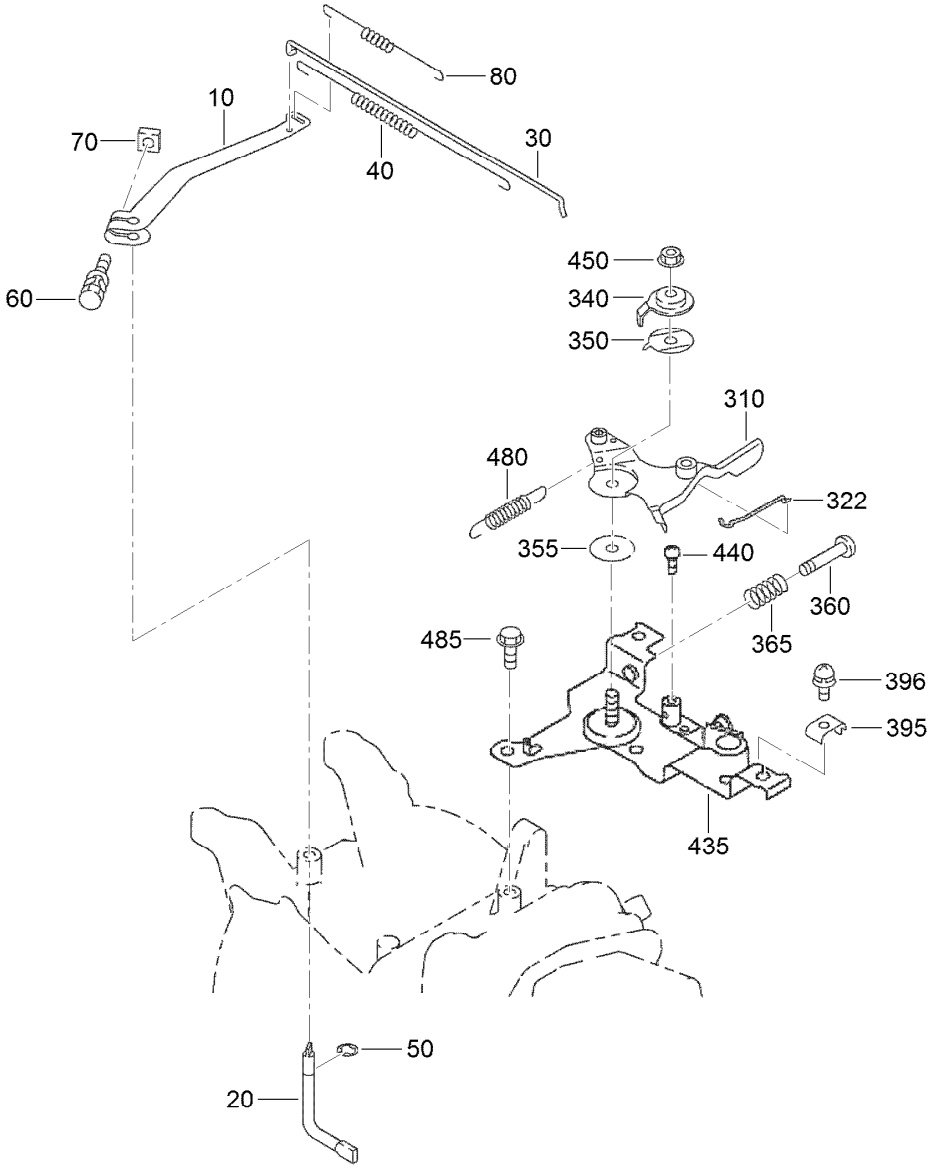

# Intake and Exhaust Assembly (continued)

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 580 | 121-0516 | 1 | Bolt-Flange |
| 850 | 121-6375 | 1 | Pipe-Breather |




# Air Cleaner Assembly

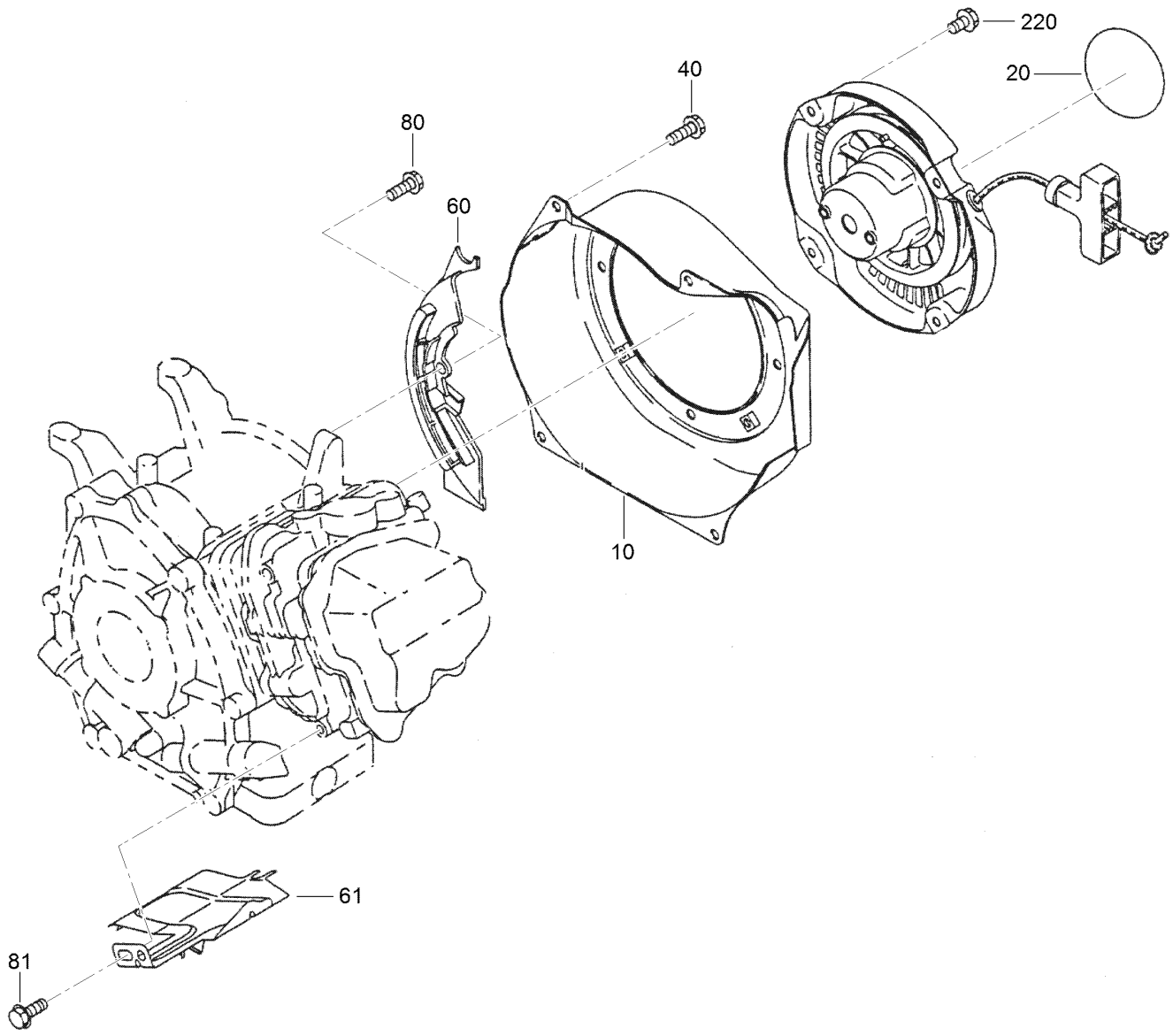
| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 200 | 121-0620 | 1 | Base ASM |
| 210 | 121-0617 | 1 | Packing |
| 220 | 121-0614 | 1 | Packing |
| 250 | 121-0621 | 1 | Cover ASM |
| 260 | 121-0616 | 1 | Label |
| 270 | 121-0622 | 1 | Nut-Wing |
| 272 | 121-0615 | 1 | Nut-Wing |
| 510 | 121-0619 | 1 | Air Cleaner ASM |
| 520 | 121-0618 | 1 | Set-Element |




# Governor Assembly

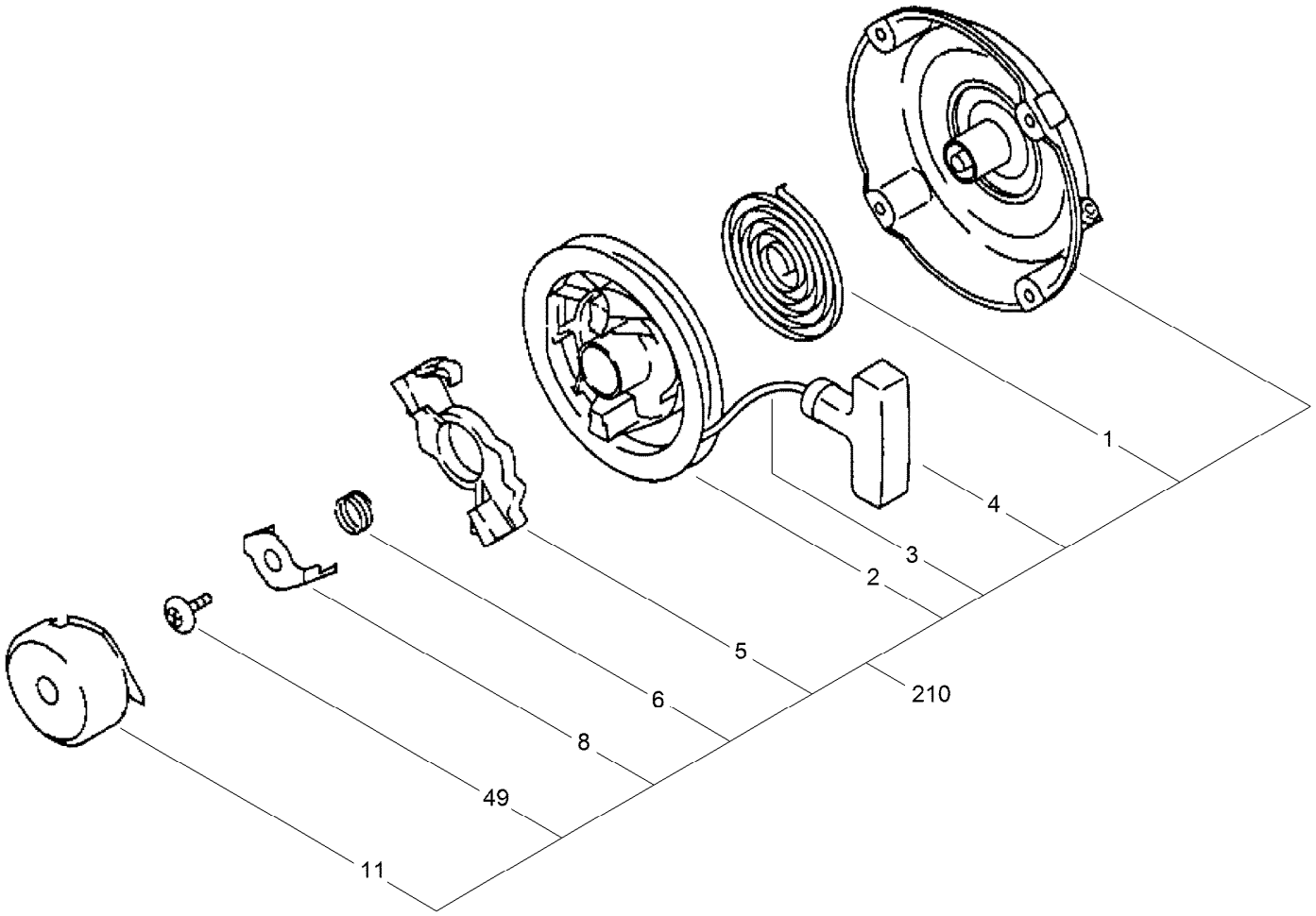
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 10 | 121-0643 | 1 | Lever-Governor |
| 20 | 121-0642 | 1 | Shaft-Governor |
| 30 | 121-0674 | 1 | Governor Rod ASM |
| 40 | 121-0645 | 1 | Spring-Rod |
| 50 | 121-0507 | 1 | Clip |
| 60 | 121-0522 | 1 | Bolt And Washer ASM |
| 70 | 121-0530 | 1 | Nut |
| 80 | 121-0644 | 1 | Spring-Governor |
| 310 | 121-0646 | 1 | Speed Control Lever ASM |
| 322 | 121-0648 | 1 | Link Rod ASM |
| 340 | 121-0647 | 1 | Plate-Stop |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 350 | 121-0651 | 1 | Washer |
| 355 | 121-0534 | 1 | Washer-Friction |
| 360 | 121-0509 | 1 | Screw |
| 365 | 121-0572 | 1 | Spring-Adjust |
| 395 | 121-0650 | 1 | Clamp |
| 396 | 121-0523 | 1 | Screw And Washer ASM |
| 435 | 121-0654 | 1 | Speed Control Bracket ASM |
| 440 | 121-0508 | 1 | Screw |
| 450 | 121-0505 | 1 | Nut-Self Lock |
| 480 | 121-0653 | 1 | Spring-Return |
| 485 | 121-0514 | 2 | Bolt-Flange |



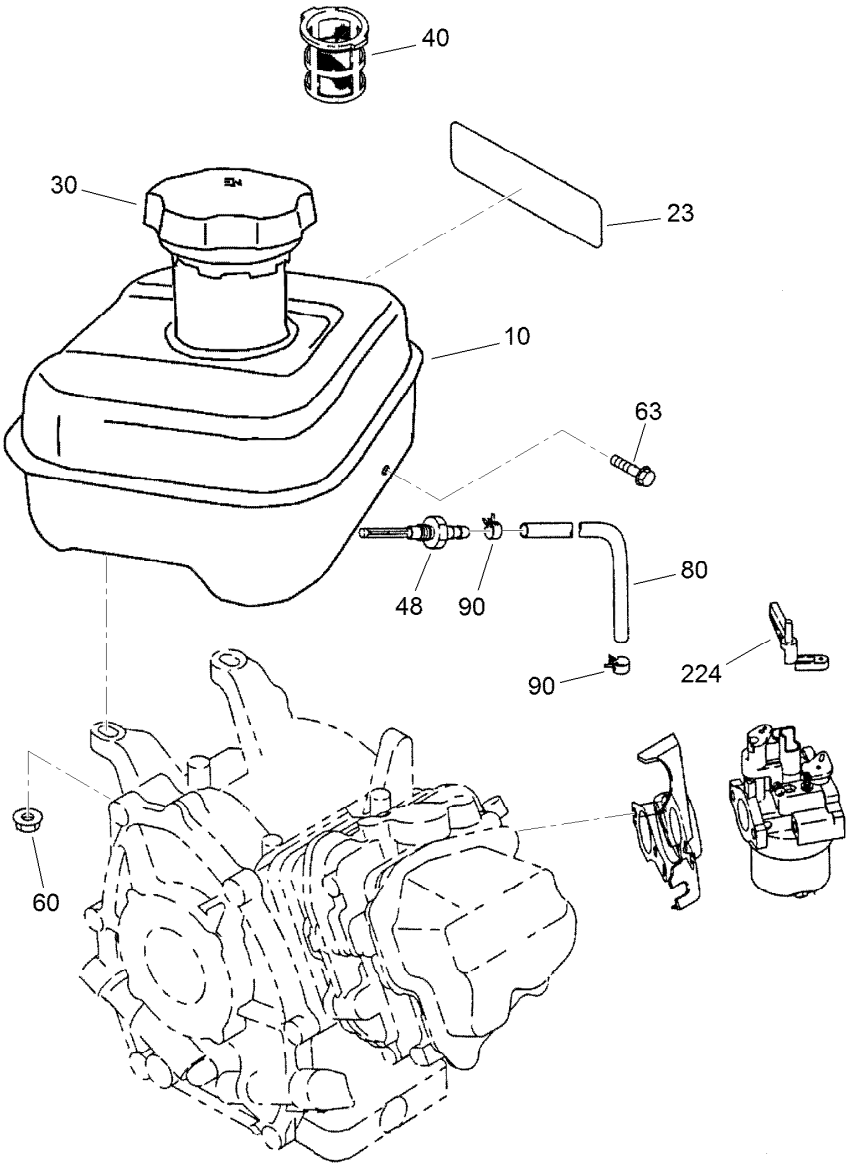

# Recoil and Shroud Assembly

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 10 | 121-0600 | 1 | Blower Housing ASM |
| 20 | 121-0550 | 1 | Label-Trademark |
| 40 | 121-0515 | 4 | Bolt-Flange |
| 60 | 121-0656 | 1 | Case Baffle No.1 ASM |
| 61 | 121-0655 | 1 | Case Baffle No.2 ASM |
| 80 | 121-0500 | 1 | Bolt-Flange |
| 81 | 121-0514 | 1 | Bolt-Flange |
| 220 | 121-6377 | 4 | Bolt And Washer ASM |



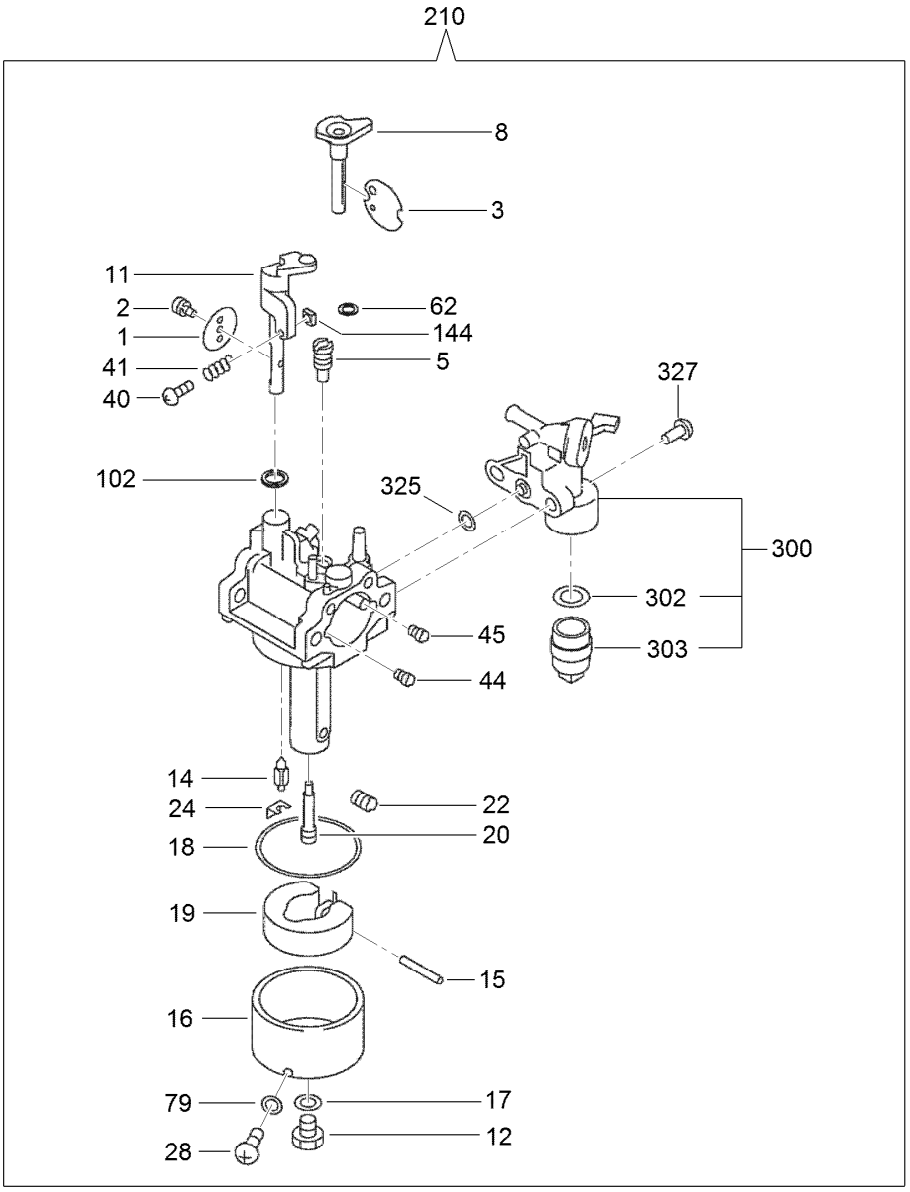

# Recoil Assembly

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 121-6356 | 1 | Spring-Spiral |
| 2 | 121-6357 | 1 | Reel |
| 3 | 121-0676 | 1 | Starter Rope |
| 4 | 121-6358 | 1 | Handle-Starter |
| 5 | 121-6359 | 1 | Ratchet |
| 6 | 121-6360 | 1 | Spring-Friction |
| 8 | 121-6361 | 1 | Plate-Friction |
| 11 | 121-6362 | 1 | Pulley-Starter |
| 49 | 121-6363 | 1 | Screw-Center |
| 210 | 121-6355 | 1 | Recoil Starter ASM |




# Fuel Tank Assembly

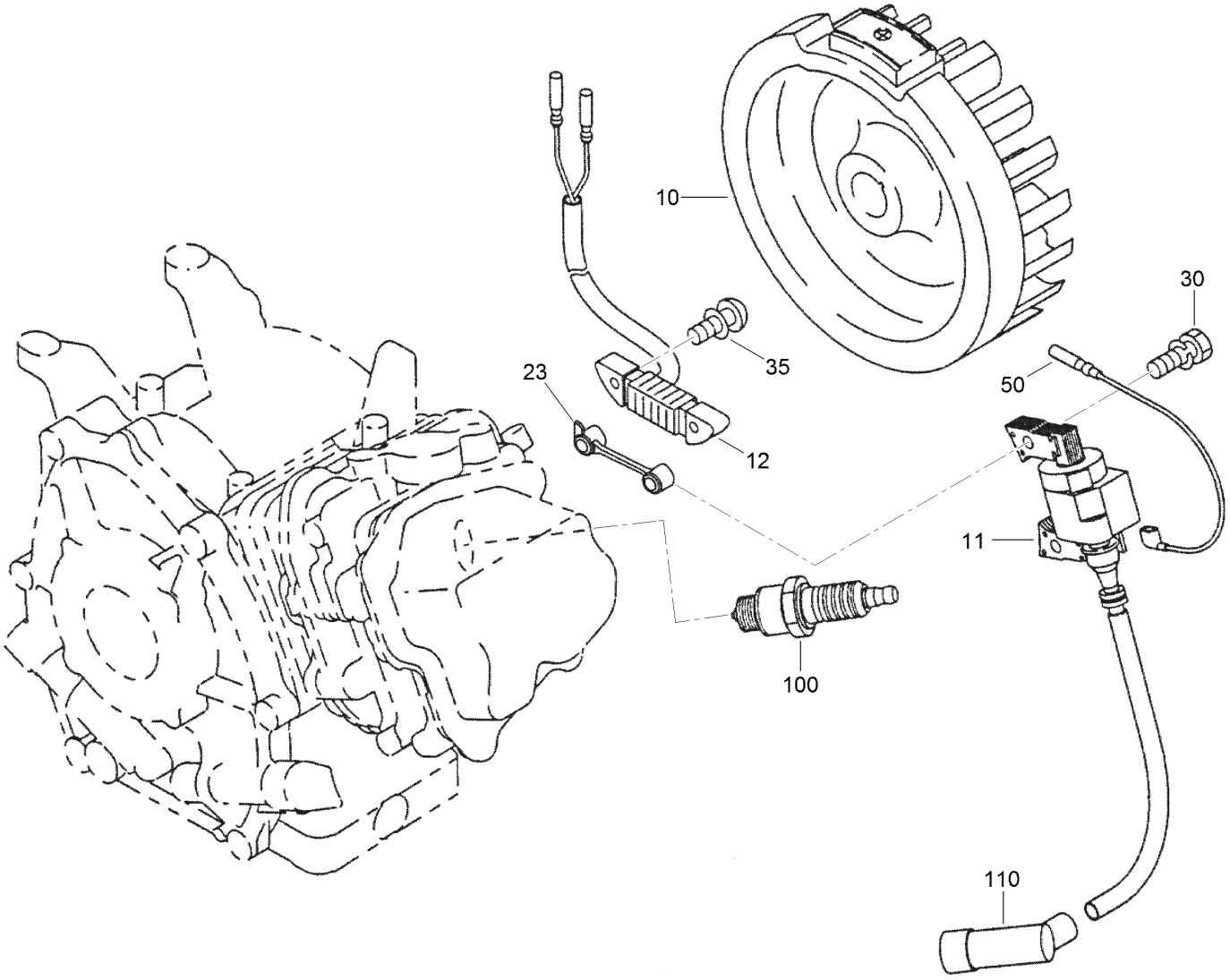
| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 10 | 125-5241 | 1 | Tank-Fuel |
| 23 | 121-0605 | 1 | Label-Model |
| 30 | 121-0684 | 1 | Fuel Tank Cap ASM |
| 40 | 121-0685 | 1 | Filter-Fuel |
| 48 | 121-0542 | 1 | Union |
| 60 | 121-0506 | 2 | Nut-Flange |
| 63 | 121-0517 | 1 | Bolt-Flange |
| 80 | 121-6378 | 1 | Pipe-Rubber |
| 90 | 121-0543 | 2 | Clamp-Hose |
| 224 | 121-0649 | 1 | Lever-Control, Choke |




# Carburetor Assembly

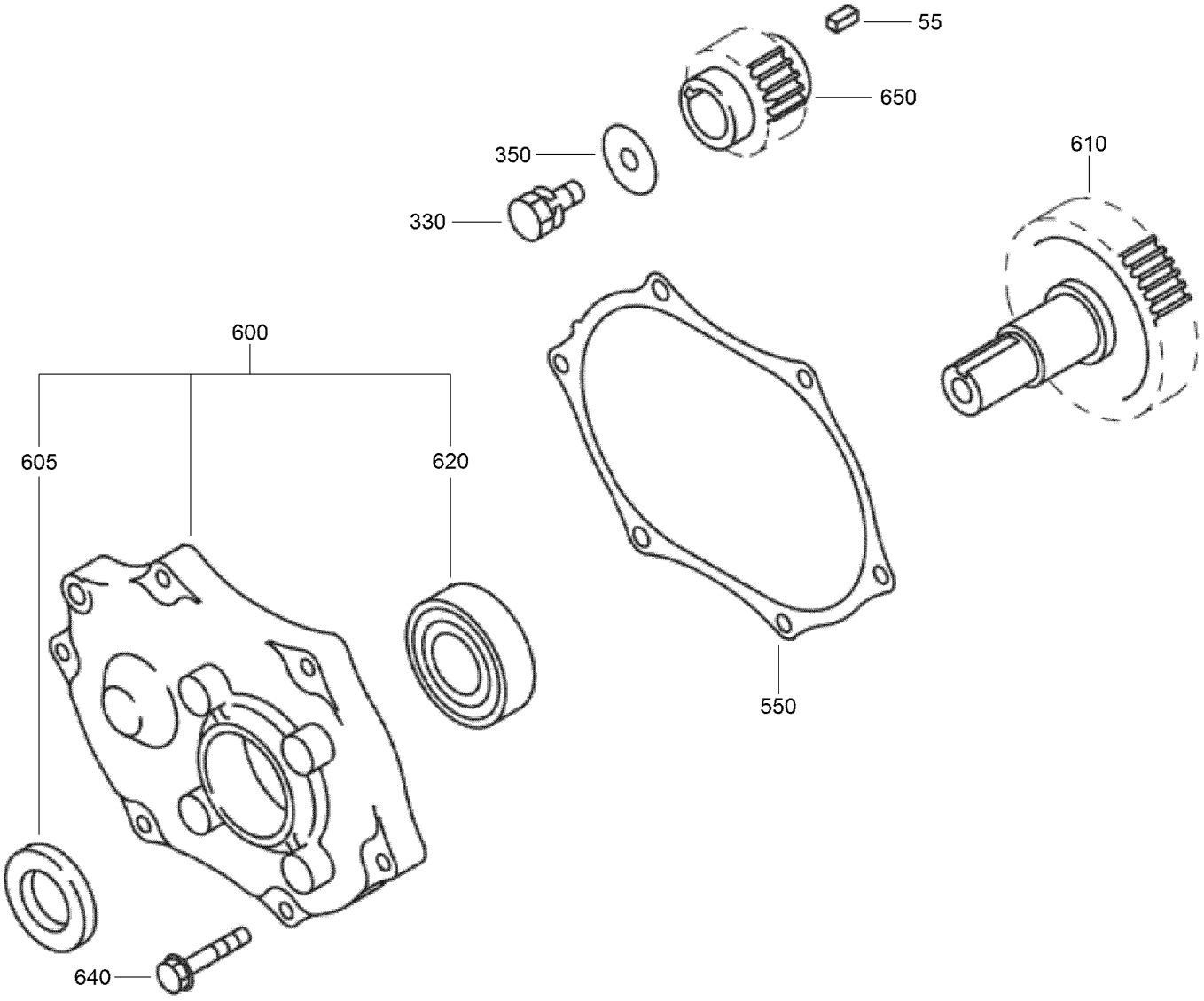
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 121-0553 | 1 | Valve-Throttle |
| 2 | 121-0558 | 1 | Screw |
| 3 | 121-0662 | 1 | Valve-Choke |
| 5 | 121-0574 | 1 | Jet-Pilot |
| 8 | 121-0661 | 1 | Lever-Choke |
| 11 | 121-0602 | 1 | Throttle Shaft ASM |
| 12 | 121-0568 | 1 | Bolt |
| 14 | 121-6366 | 1 | Needle |
| 15 | 121-0660 | 1 | Pin |
| 16 | 121-0659 | 1 | Float Body ASM |
| 17 | 121-0559 | 1 | Packing |
| 18 | 121-0560 | 1 | Packing-Chamber |
| 19 | 121-0562 | 1 | Float |
| 20 | 121-0601 | 1 | Nozzle-Main |
| 22 | 121-0575 | 1 | Jet-Main |
| 24 | 121-0563 | 1 | Clip |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 28 | 121-0567 | 1 | Bolt |
| 40 | 121-0554 | 1 | Screw |
| 41 | 121-0677 | 1 | Spring |
| 44 | 121-0557 | 1 | Jet-Air |
| 45 | 121-0552 | 1 | Jet-Air, Pilot |
| 62 | 121-0570 | 1 | Seal |
| 79 | 121-0569 | 1 | Packing |
| 102 | 121-0573 | 1 | Seal |
| 144 | 121-0664 | 1 | Nut |
| 210 | 121-6365 | 1 | Carburetor ASM |
| 300 | 121-0675 | 1 | Fuel Strainer ASM |
| 302 | 121-0658 | 1 | Packing |
| 303 | 121-0657 | 1 | Cup |
| 325 | 121-0663 | 1 | O-Ring |
| 327 | 121-0556 | 2 | Screw |




# Flywheel and Coil Assembly

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 10 | 121-0604 | 1 | Flywheel ASM |
| 11 | 121-0668 | 1 | Ignition Coil ASM |
| 12 | 121-6368 | 1 | Lamp Coil ASM |
| 23 | 121-0669 | 1 | Spacer |
| 30 | 121-0504 | 2 | Bolt And Washer ASM |
| 35 | 121-6369 | 2 | Bolt And Washer ASM |
| 50 | 121-6370 | 1 | Wire-Coil |
| 100 | 121-0547 | 1 | Plug-Spark |
| 110 | 121-0548 | 1 | Cap-Spark Plug |




# Gear Reduction Assembly

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 55 | 121-0536 | 1 | Key |
| 330 | 121-0501 | 1 | Bolt-Flange |
| 350 | 121-0531 | 1 | Washer |
| 550 | 121-0671 | 1 | Gasket-Cover, Reduction |
| 600 | 121-0670 | 1 | Reduction Cover ASM |
| 605 | 121-0541 | 1 | Seal-Oil |
| 610 | 121-6372 | 1 | Shaft-Driving |
| 620 | 121-0545 | 1 | Bearing-Ball |
| 640 | 121-0518 | 6 | Bolt-Flange |
| 650 | 121-6373 | 1 | Shaft-Driven |

# Attachments and Accessories

## For 04040 Greensmaster Flex 2100 Traction Unit

| Product Name | Model/Part |
|---|---|
| Wheel Kit | 04123 |
| Trans Pro 80 Tow-Behind Trailer | 04238 |
| Trans Pro 100 Tow-Behind Trailer | 04240 |
| Flat Ramp | 04245 |
| Rail Ramp Kit (Update) | 04247 |
| Rail Ramp Conversion Kit (Update) | 04248 |
| 11-Blade Cutting Unit | 04251 |
| 14-Blade Cutting Unit | 04252 |
| Narrow Wiehle Roller (Qty 1) | 04255 |
| Wide Wiehle Roller (Qty 1) | 04256 |
| Front Full Smooth Roller (Qty 1) | 04257 |
| Extended Narrow Wiehle Roller (Qty 1) | 04258 |
| Flex Groomer Drive, Forward Rotating | 04259 |
| Flex Groomer Drive, Counter Rotating | 04260 |
| LED Light Kit | 04265 |
| Out-Front Brush Kit | 04266 |
| Paspalum Wiehle Roller (Qty 1) | 04267 |
| 21in Soft Grooming Brush, DPA | 04274 |
| 21in Stiff Grooming Brush, DPA | 04275 |
| Turf Evaluator | 04399 |
| Steel Roller (Qty 1) | 04628 |
| Left-Hand Carbide Grooming Reel | 04708 |
| Carbide Grooming Reel | 04711 |
| Steel Grooming Reel | 04712 |
| Groomer Brush | 04713 |
| Bedbar | 106-2648-01 |
| Roller Seal Replacement (Qty 1) | 107-1594 |
| Steel Roller Asm | 107-3509 |
| Wide Wiehle Steel Roller Asm | 107-3514 |
| Bedknife-Tournament, Extended | 108-4302 |
| Bedknife-Microcut, Extended | 108-4303 |
| Blade-Groomer, Helix | 110-2333 |
| Bedknife-Edgemax, Microcut | 115-1880 |
| Bedknife-Edgemax, Tournament Cut | 115-1881 |
| Hourmeter-Wireless | 115-4754 |
| Rear Full Roller Kit (Aluminum) | 115-7356 |
| Narrow Wiehle Roller Kit | 115-7360 |
| Roller Extension Kit | 115-7361 |
| Front Brush for Narrow Wiehle Roller (Qty 1) | 115-7377 |
| Front Brush for Wide Wiehle Roller (Qty 1) | 115-7378 |
| Front Brush for Full Roller (Qty 1) | 115-7379 |
| Front Comb for Narrow Wiehle Roller (Qty 1) | 115-7380 |
| Front Comb for Wide Wiehle Roller (Qty 1) | 115-7381 |
| Front Comb for Full Roller (Qty 1) | 115-7382 |
| Rear Roller Scraper Kit with Roller | 115-7383 |
| Wide Wiehle Roller Kit | 115-7386 |

# Attachments and Accessories (continued)

Front Full Smooth Roller Kit ..... 115-7388
High Altitude Jet-Subaru ..... 117-0073
21in 8 Blade Reel ASM ..... 119-4103
21in 11 Blade Reel ASM ..... 119-4104
21in 14 Blade Reel ASM ..... 119-4105
Steel Rear Full Roller (Qty 1) ..... 120-9595
High Height-of-Cut Arms (Qty 1) ..... 120-9600
Rear Roller Adjustment (Qty 1) ..... 120-9602
Wire Harness-Wireless Hour Meter ..... 120-9690
Spark Plug ..... 121-0547
Element Set ..... 121-0618
Filter-Fuel ..... 121-0685
Rear Roller Scraper (Qty 1) ..... 121-2260
MVP Kit, Cutting Unit Re-Build ..... 121-2637
Extended Wiehle Roller Kit ..... 121-4675
MVP Kit, Forward Rotating Groomer Re-Build ..... 121-9517
Blade-Groomer, Thin (Carbide) ..... 121-9531
Paspalum Wiehle Roller ..... 121-9535
Front Scraper for Narrow Wiehle Roller (Qty 1) ..... 125-3503
Front Scraper for Wide Wiehle Roller (Qty 1) ..... 125-3504
Front Scraper for Full Roller (Qty 1) ..... 125-3505
Toro Reel Paper (10 Pack) ..... 125-5610
Toro Reel Shim (0.002in) ..... 125-5611
21in Soft Grooming Brush Kit ..... 127-1547
21in Stiff Grooming Brush Kit ..... 127-1548
Groomer Quick Up Kit ..... 127-6119
MVP Filter and Spark Plug Kit, 2012 and After Walk-Behind Greensmaster Mower ..... 30097
Cast Iron Wiehle Roller (Qty 1) ..... 71-1550
Bedknife-Microcut ..... 93-4262
Bedknife-Tournament Cut ..... 93-4263
Bedknife-Low Cut ..... 93-4264
Height-of-Cut Bar ..... 94-9010
Bedbar-Aggressive ..... 99-3794-03

## Notes:




**Count on it.**