



Form No. 3481-505 Rev A

**Count on it.**

# Parts Catalog

## Power Max® Heavy Duty 824 Snowthrower

Model No. 39960—Serial No. 400000000 and Up



# 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.

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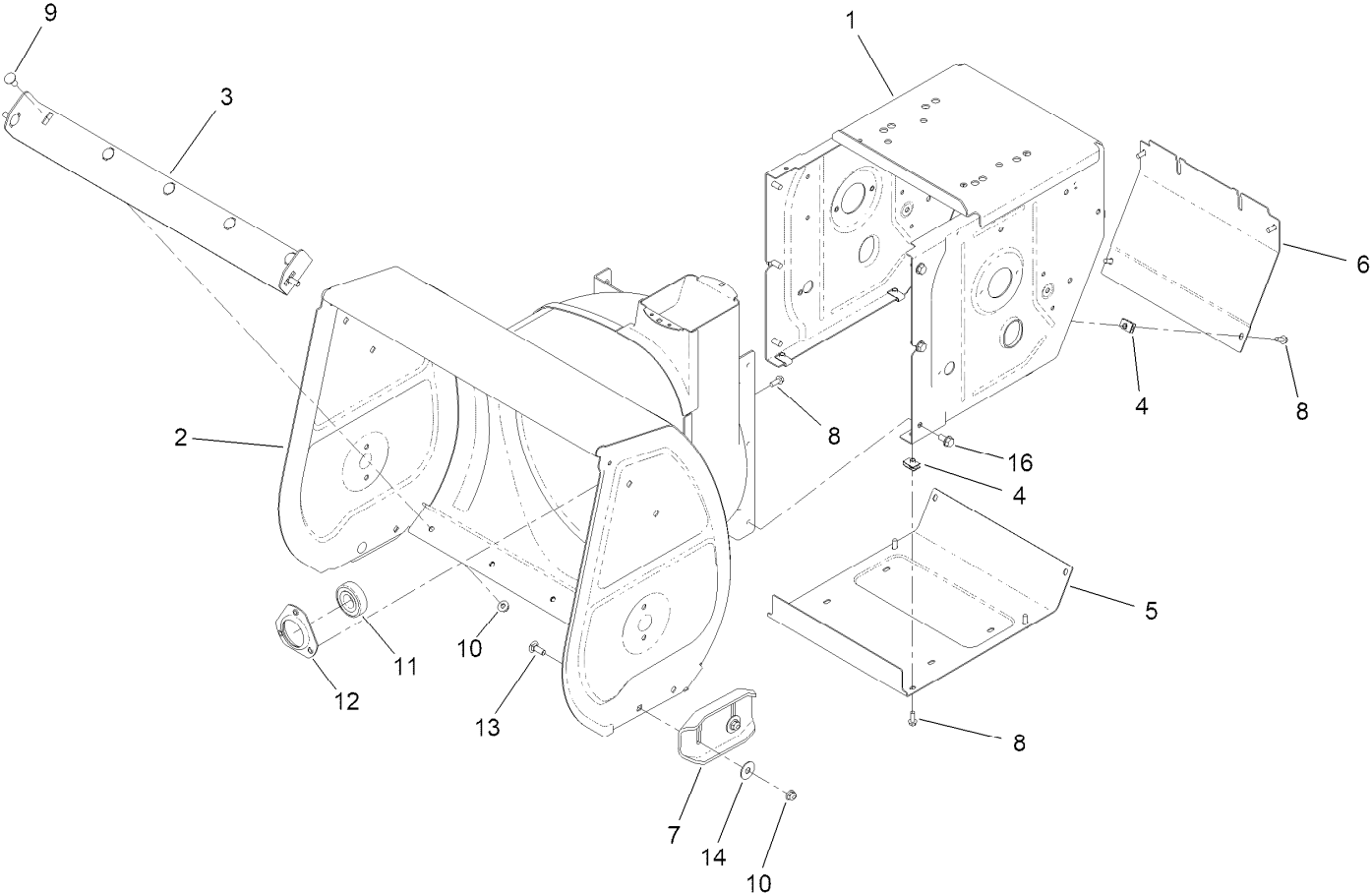
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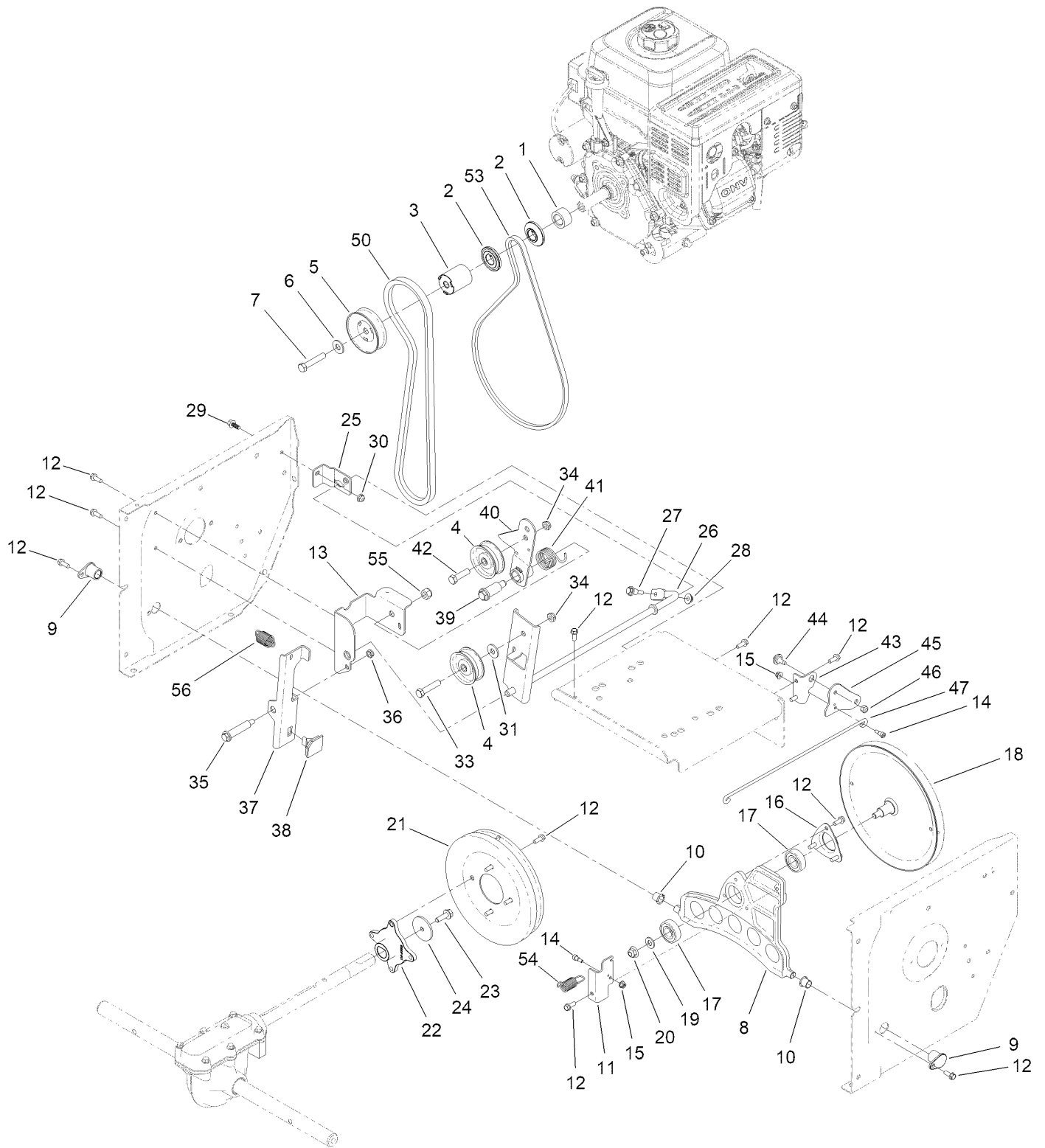
# Main Frame Assembly



## Main Frame Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>                 | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|------------------------------------|-------------|--------------------|-------------|--------------------|
| 1           | 136-6639-01        | 1           | Frame-Traction                     | 8           | 32144-85           | 11          | Screw-HWH Thd Form |
| 2           | 164-5443           | 1           | Auger Housing ASM<br>(W/Decal 24") | 9           | 137-3061           | 5           | Bolt-CARR          |
| 3           | 136-6608-01        | 1           | Blade-Scraper, 24"                 | 10          | 119-4041           | 9           | Nut-HF             |
| 4           | 107069             | 8           | Clip                               | 11          | 136-6571           | 1           | Bearing-Ball       |
| 5           | 163-6262-01        | 1           | Cover-Bottom                       | 12          | 136-6573           | 1           | Retainer-Bearing   |
| 6           | 136-6651-01        | 1           | Cover-Rear                         | 13          | 137-3059           | 4           | Bolt-CARR          |
| 7           | 106-4588-01        | 2           | Skid                               | 14          | 119-4150           | 4           | Washer-Flat        |
|             |                    |             |                                    | 16          | 32144-14           | 6           | Screw-HWHTF        |

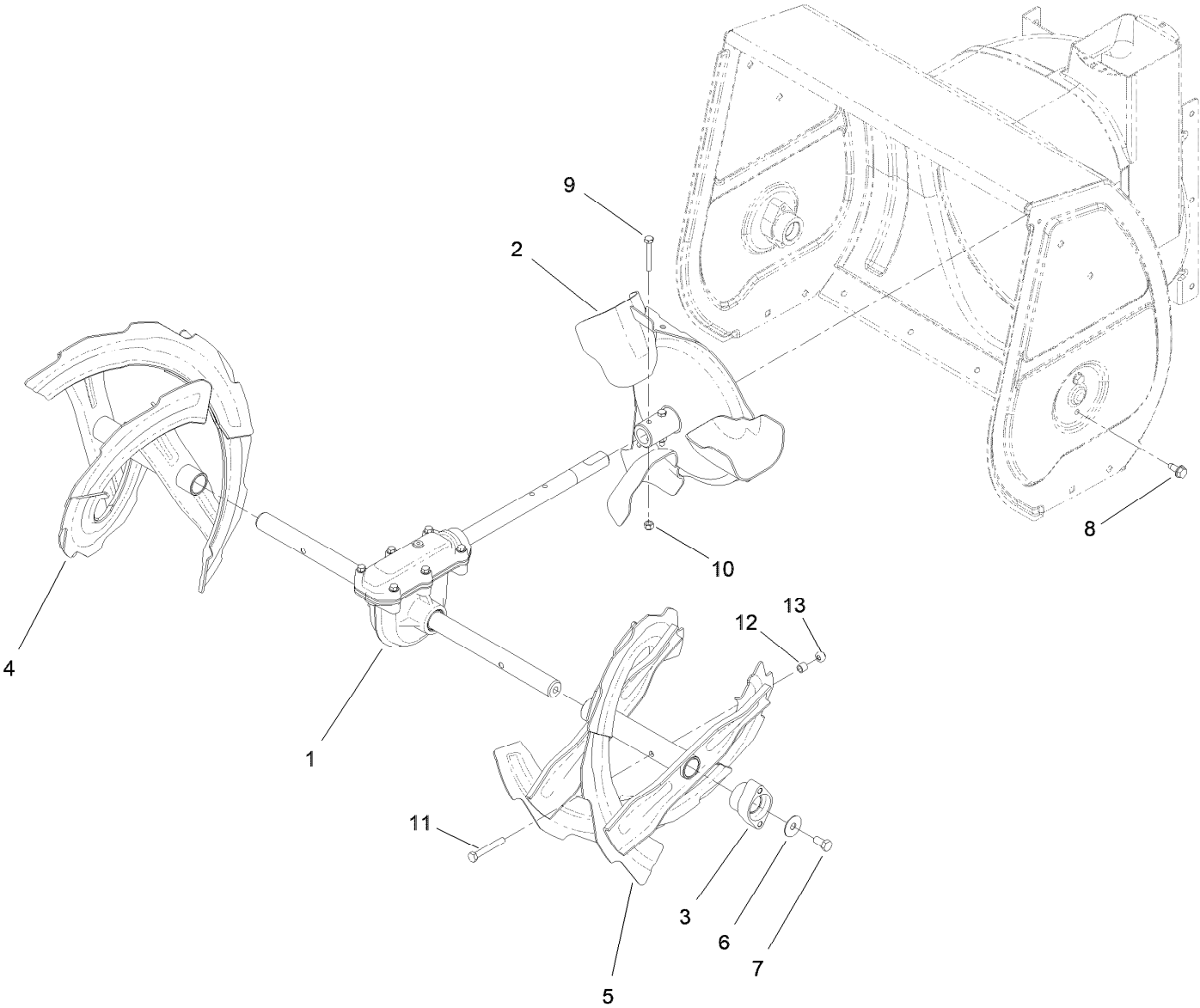
# Auger Drive Assembly



## Auger Drive Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>       | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>  |
|-------------|--------------------|-------------|--------------------------|-------------|--------------------|-------------|---------------------|
| 1           | 144-1242           | 1           | Spacer                   | 27          | 104-0858           | 1           | Bolt-Shoulder       |
| 2           | 145-4142           | 2           | Sheave-Traction          | 28          | 137-3016           | 1           | Nut-HF              |
| 3           | 144-1241           | 1           | Spacer-Pulley            | 29          | 137-3111           | 1           | Screw-HHF           |
| 4           | 3-4244             | 2           | Pulley-Idler             | 30          | 137-3005           | 1           | Nut-HF              |
| 5           | 137-6179           | 1           | Pulley-Impeller          | 31          | 139-2632           | 1           | Washer-Hardened     |
| 6           | 137-3078           | 1           | Washer-Plain             | 33          | 138-0722           | 1           | Screw-HH            |
| 7           | 120-2302           | 1           | Screw-HH, Patch          | 34          | 121-4600           | 2           | Nut-Hex             |
| 8           | 136-6689           | 1           | Plate-Friction, Wheel    | 35          | 136-7199           | 1           | Bolt-Shoulder       |
| 9           | 120-7156           | 2           | Bushing-Plate, Traction  | 36          | 137-3089           | 1           | Nut-Hex             |
| 10          | 256-257            | 2           | Bushing-Nyliner          | 37          | 136-6527           | 1           | Brake Arm           |
| 11          | 145-4141           | 1           | Bkt-Traction Plate       | 38          | 66-8060            | 1           | Pad-Brake           |
| 12          | 32144-85           | 16          | Screw-HWH Thd Form       | 39          | 136-7116           | 1           | Bolt-Shoulder       |
| 13          | 136-8671-03        | 1           | Bracket-Brake, Clutch    | 40          | 136-7186           | 1           | Arm-Idler, Traction |
| 14          | 94-9422            | 2           | Screw-Shoulder           | 41          | 120-3060           | 1           | Spring-Torsion      |
| 15          | 138-0719           | 2           | Nut-HF                   | 42          | 137-3065           | 1           | Screw-HH            |
| 16          | 136-7124           | 1           | Retainer-Bearing         | 43          | 136-6654           | 1           | Bracket-Bellcrank   |
| 17          | 38-7820            | 2           | Bearing-Ball             | 44          | 92-9698            | 1           | Screw-Shoulder      |
| 18          | 163-6257           | 1           | Traction Pulley ASM      | 45          | 144-1622           | 1           | Bellcrank-Drive     |
| 19          | 115-1166           | 1           | Washer-Plain             | 46          | 137-3094           | 1           | Nut-Hex             |
| 20          | 119-4042           | 1           | Nut-HF, NI               | 47          | 144-1613           | 1           | Link-Traction, HD   |
| 21          | 138-0717           | 1           | Pulley-Impeller          | 50          | 161-5972           | 1           | Belt-V              |
| 22          | 136-6558           | 1           | Hub-Pulley               | 53          | 145-4143           | 1           | Belt 3L             |
| 23          | 115-5142           | 1           | Screw-HHF, Patch         | 54          | 137-6189           | 1           | Spring-Extension    |
| 24          | 137-3121           | 1           | Washer-Plain             | 55          | 137-3095           | 1           | Nut-Hex             |
| 25          | 136-8654-03        | 1           | Bracket-Clutch, Impeller | 56          | 147-9465           | 1           | Spring-Extension    |
| 26          | 145-0670           | 1           | Arm-Clutch, Impeller     |             |                    |             |                     |

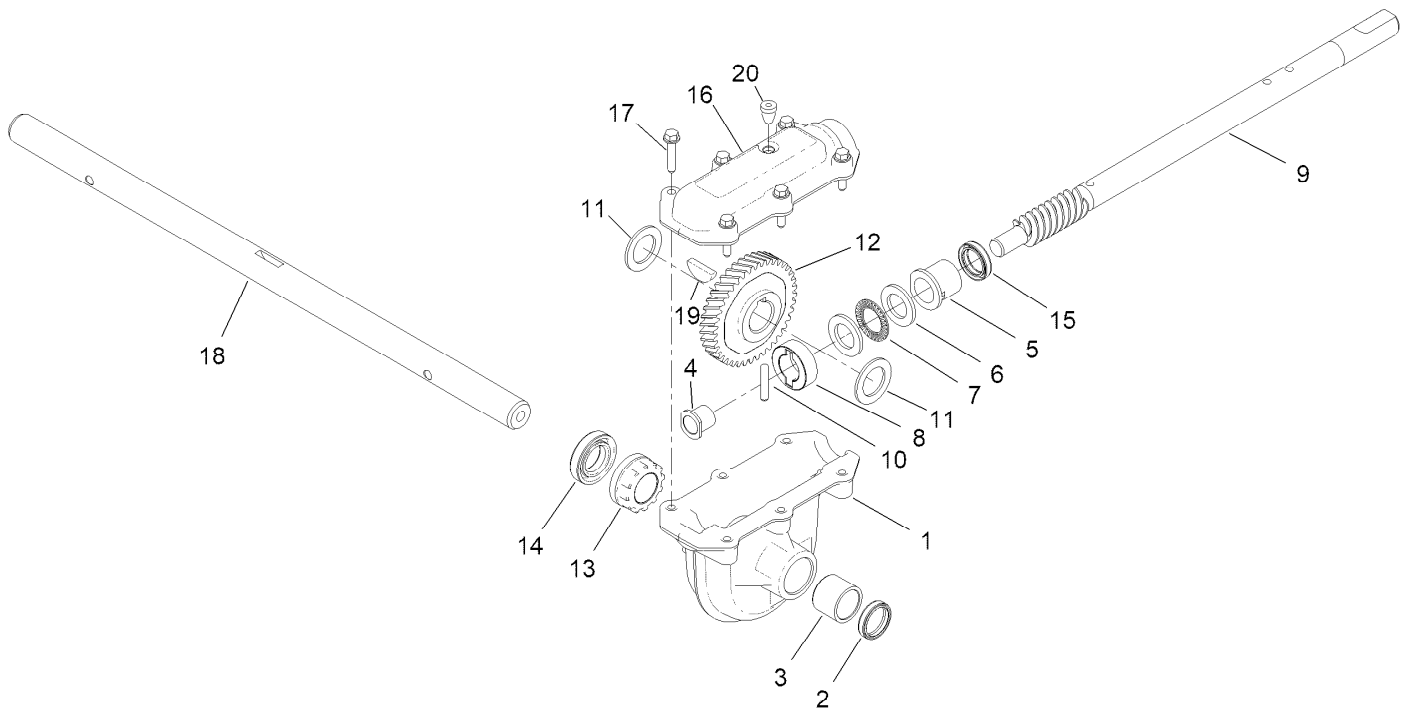
# Gearbox Assembly



## Gearbox Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>        | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|---------------------------|-------------|--------------------|-------------|--------------------|
| 1           | 136-6615           | 1           | Auger Gearcase As (24 In) | 8           | 32144-70           | 4           | Screw-HWHTF        |
| 2           | 136-6570-03        | 1           | Impeller                  | 9           | 137-3032           | 2           | Screw-HH           |
| 3           | 106-4570           | 2           | Bearing-Augur             | 10          | 137-3088           | 2           | Nut-Hex            |
| 4           | 145-4101-03        | 1           | Auger-RH, 24" [black]     | 11          | 120-9738           | 2           | Screw-HH           |
| 5           | 145-4100-03        | 1           | Auger-LH, 24" [black]     | 12          | 136-7148           | 2           | Spacer-Grommet     |
| 6           | 3-0750             | 2           | Washer                    | 13          | 119-4038           | 2           | Nut-Hex            |
| 7           | 137-3066           | 2           | Screw-HH                  |             |                    |             |                    |

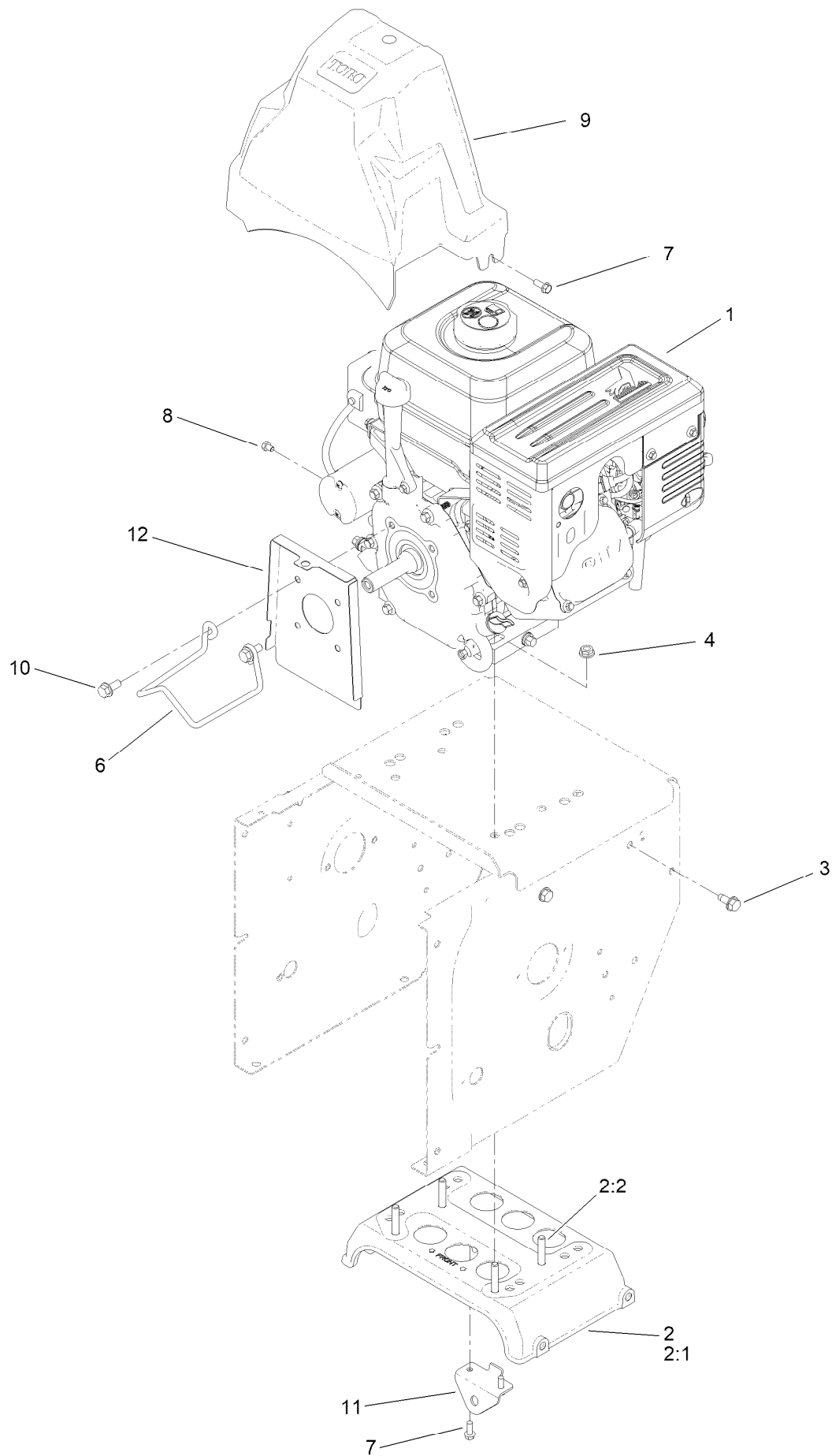
# Auger Gearcase Assembly No. 136-6615



## Auger Gearcase Assembly No. 136-6615 (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>               | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>   |
|-------------|--------------------|-------------|----------------------------------|-------------|--------------------|-------------|----------------------|
| 1           | 136-6547           | 1           | Gearbox-Lower (Mach)             | 11          | 252-71             | 2           | Washer-Thrust        |
| 2           | 137-6173           | 1           | Seal-Oil                         | 12          | 138-0696           | 1           | Gear-Helical         |
| 3           | 112-6635           | 1           | Bushing-Sleeve                   | 13          | 136-6553           | 1           | Bushing-Auger Output |
| 4           | 136-6556           | 1           | Bushing-Impeller Shaft,<br>Front | 14          | 136-6554           | 1           | Seal-Oil             |
| 5           | 37-6560            | 1           | Bushing-Input                    | 15          | 137-6174           | 1           | Seal-Oil             |
| 6           | 252-78             | 2           | Washer-Thrust                    | 16          | 136-6546           | 1           | Cover-Gearcase       |
| 7           | 252-76             | 1           | Bearing-Thrust                   | 17          | 108-4862           | 6           | Screw-HWH Thd Roll   |
| 8           | 136-6555           | 1           | Collar-Thrust                    | 18          | 136-6618           | 1           | Shaft-Auger, 24      |
| 9           | 137-6175           | 1           | Shaft-Impeller                   | 19          | 3257-10            | 1           | Key-Woodruff         |
| 10          | 107-8899           | 1           | Pin-Dowel                        | 20          | 138-3629           | 1           | Plug-Oil             |

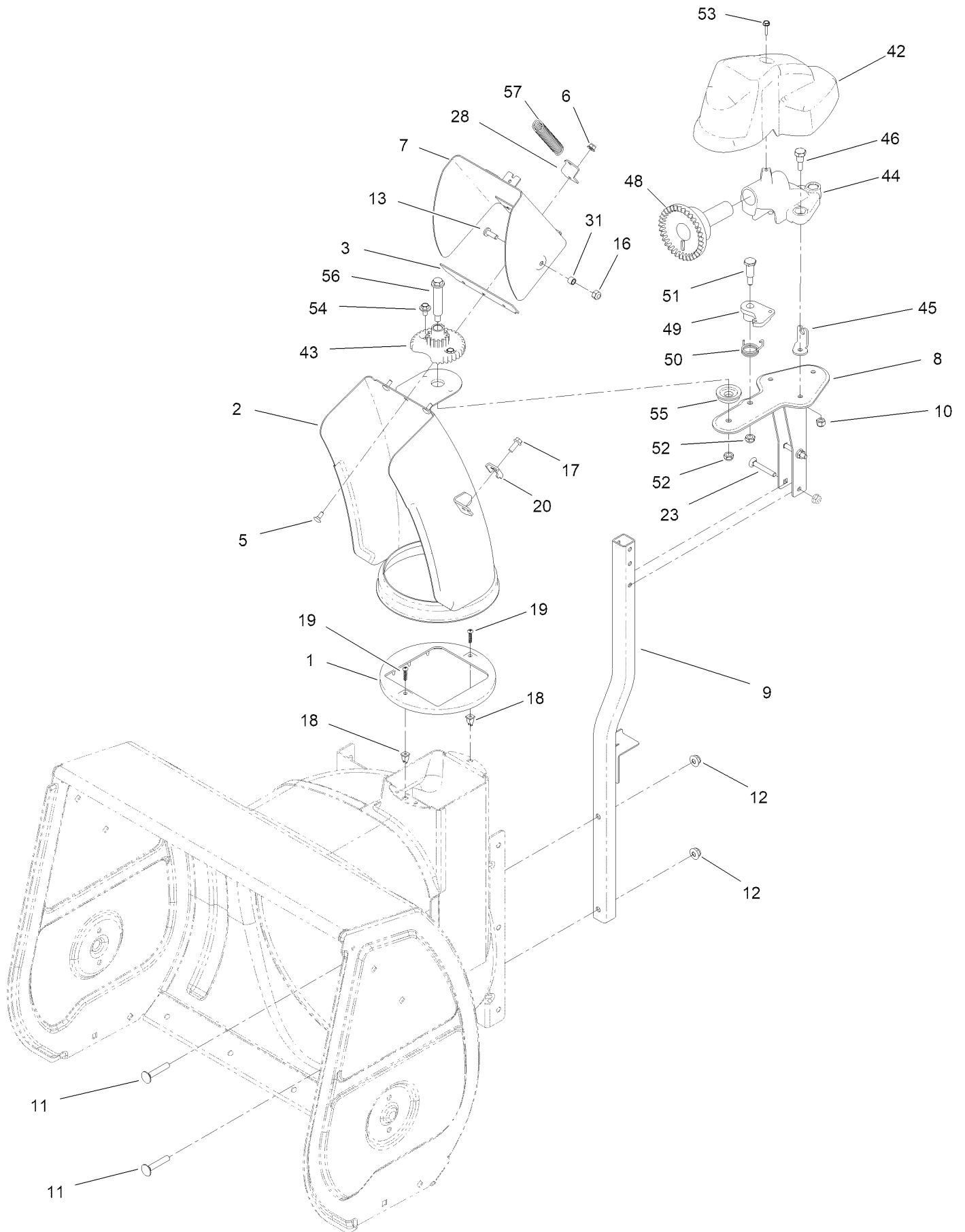
# Engine Assembly



## Engine Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>              | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>        |
|-------------|--------------------|-------------|---------------------------------|-------------|--------------------|-------------|---------------------------|
| 1           | 147-7057           | 1           | Engine-G250Fds-1                | 6           | 144-2816           | 1           | Guide-Belt                |
| 2           | 144-1625           | 1           | Engine Plate ASM (G250)         | 7           | 32144-85           | 4           | Screw-HWH Thd Form        |
| 2:1         | 144-1626           | 1           | Plate-Engine                    | 8           | 121-4615           | 1           | Screw-HH                  |
| 2:2         | 136-7178           | 4           | Stud-Press 95/16-18 X<br>1.625) | 9           | 138-0731           | 1           | Belt Cover, No Light      |
| 3           | 32144-70           | 4           | Screw-HWHTF                     | 10          | 138-0690           | 2           | Screw-HHF,Patch           |
| 4           | 137-3039           | 4           | Nut-HF                          | 11          | 136-6644-03        | 1           | Bracket-Control, Traction |
|             |                    |             |                                 | 12          | 140-7945-03        | 1           | Cover-Crank               |

# Chute Assembly

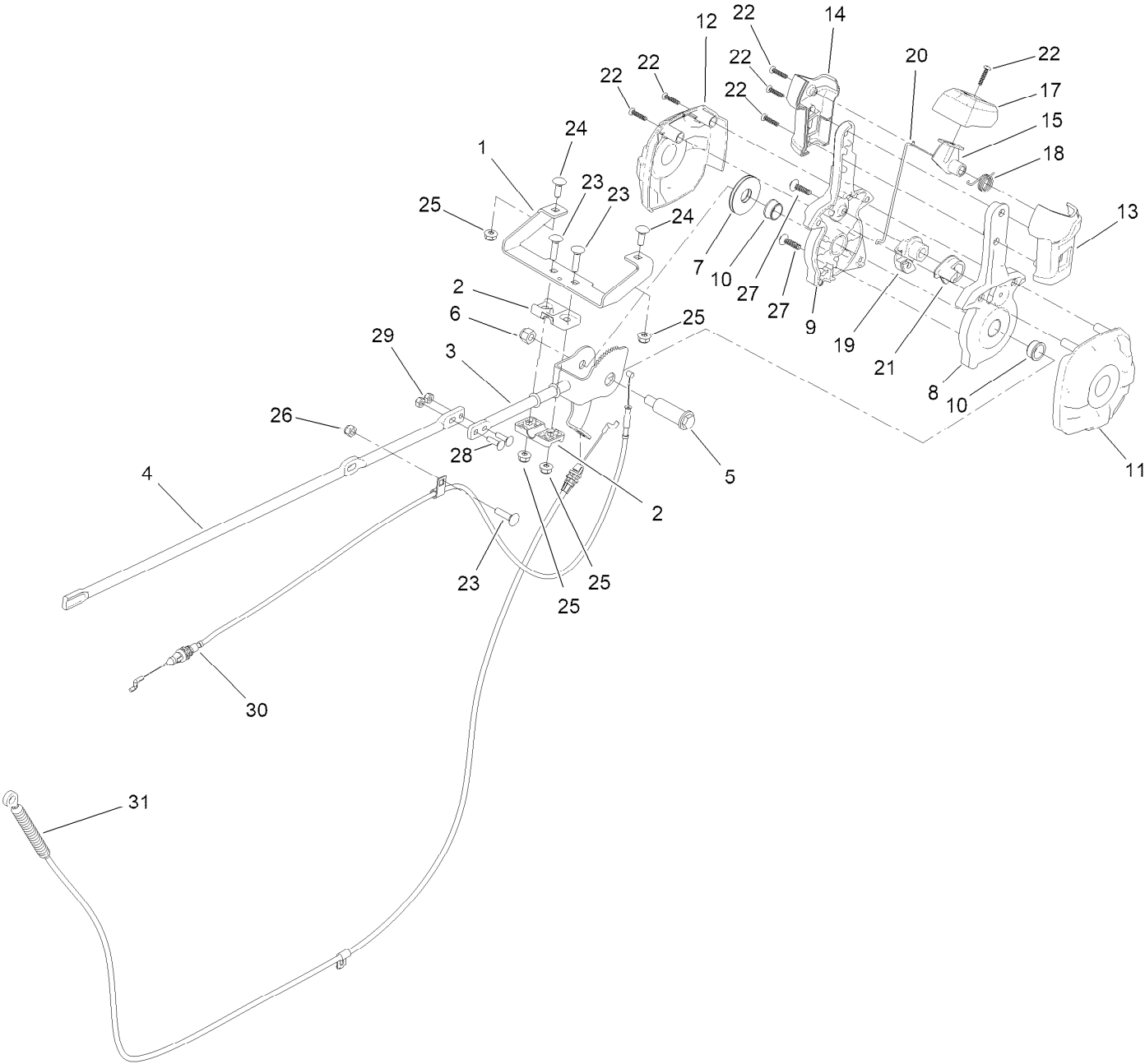


## Chute Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>               | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>   |
|-------------|--------------------|-------------|----------------------------------|-------------|--------------------|-------------|----------------------|
| 1           | 136-6515           | 1           | Guide-Chute                      | 23          | 120-9698           | 2           | Bolt-CARR            |
| 2           | 144-1246-01        | 1           | Chute-Lower ASM [red]            | 28          | 138-3612-01        | 1           | Bracket-Spring       |
| 3           | 138-3671           | 1           | Gasket-Deflector                 | 31          | 138-3678           | 1           | Spacer               |
| 5           | 135-1929           | 3           | Bolt-CARR                        | 37          | 321-3              | 2           | Screw-HH ●           |
| 6           | 138-0719           | 3           | Nut-HF                           | 42          | 136-6672           | 1           | Cover-Gear, Face     |
| 7           | 164-5442           | 1           | Deflector-W/Decal                | 43          | 106-4472           | 1           | Gear-Chute           |
| 8           | 145-0691-03        | 1           | Support-Chute Weld ASM,<br>Upper | 44          | 136-6517           | 1           | Mount-Gear, Face     |
| 9           | 144-1647-03        | 1           | Support-Chute Weld ASM,<br>Lower | 45          | 136-6676           | 1           | Anchor-Cable         |
| 10          | 137-3088           | 3           | Nut-Hex                          | 46          | 136-7197           | 3           | Screw-Shoulder       |
| 11          | 137-3063           | 2           | Bolt-Car                         | 48          | 106-4471           | 1           | Gear-Face            |
| 12          | 119-4041           | 2           | Nut-HF                           | 49          | 136-6525           | 1           | Latch-Chute          |
| 13          | 138-0689           | 1           | Screw-PH                         | 50          | 108-7315           | 1           | Spring-Torsion       |
| 16          | 137-3094           | 1           | Nut-Hex                          | 51          | 137-3103           | 1           | Screw-Shoulder, HH   |
| 17          | 32144-85           | 1           | Screw-HWH Thd Form               | 52          | 137-3089           | 1           | Nut-Hex              |
| 18          | 136-6586           | 2           | Grommet-Screw                    | 53          | 137-3110           | 1           | Screw-Plastite, HWH  |
| 19          | 94-4496            | 2           | Screw-PPH                        | 54          | 46-6810            | 2           | Screw And Washer ASM |
| 20          | 136-7191           | 1           | Clamp-Cable                      | 55          | 106-4422           | 1           | Spacer-Chute         |
|             |                    |             |                                  | 56          | 136-7199           | 1           | Bolt-Shoulder        |
|             |                    |             |                                  | 57          | 138-8493           | 1           | Spring-Chute, Upper  |

● Not illustrated

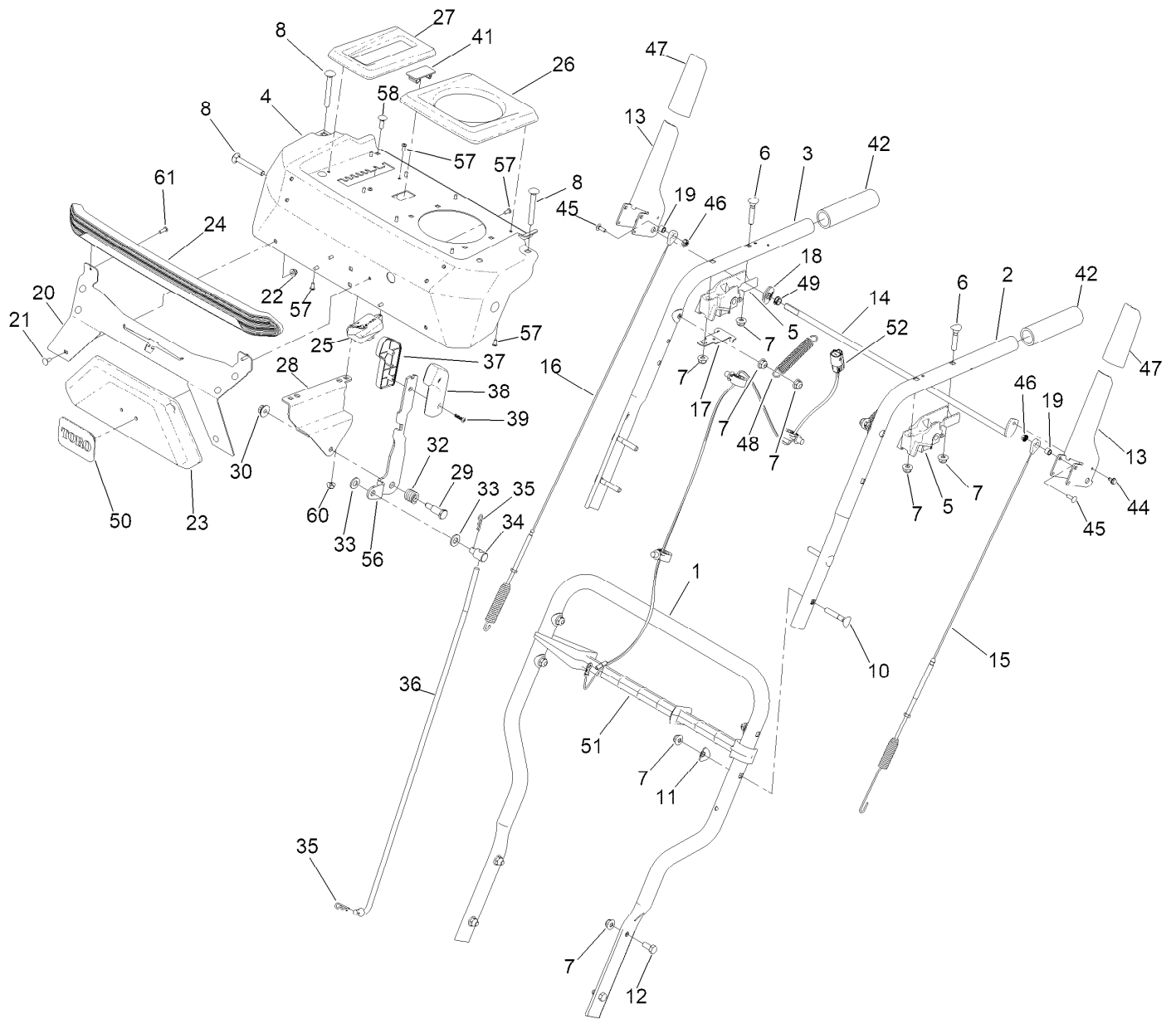
# Quickstick Assembly



## Quickstick Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>         | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>      |
|-------------|--------------------|-------------|----------------------------|-------------|--------------------|-------------|-------------------------|
| 1           | 164-2796-03        | 1           | Bracket-Dash, Qs           | 17          | 164-4900           | 1           | Cap-Lever               |
| 2           | 105-9987           | 2           | Support-Rod                | 18          | 105-9982           | 1           | Spring-Torsion          |
| 3           | 164-4911           | 1           | ASM-Control, Chute Rod     | 19          | 105-9988           | 1           | Lever-Cable, Deflector  |
| 4           | 164-4910           | 1           | Rod-Chute-Gear             | 20          | 138-0688           | 1           | Link-Latch              |
| 5           | 138-0659           | 1           | Screw-Shoulder, HWH        | 21          | 106-7310           | 1           | Pawl-Latch              |
| 6           | 137-3087           | 1           | Nut-Hex                    | 22          | 94-4496            | 6           | Screw-PPH               |
| 7           | 138-0744           | 1           | Washer-Friction, Composite | 23          | 137-3056           | 3           | Bolt-CARR               |
| 8           | 161-1195           | 1           | Handle-LH                  | 24          | 137-3053           | 2           | Screw-CARR              |
| 9           | 161-1194           | 1           | Handle-RH                  | 25          | 119-4040           | 4           | Nut-HF, NI              |
| 10          | 126-6199           | 2           | Bushing                    | 26          | 137-3094           | 1           | Nut-Hex                 |
| 11          | 161-1199           | 1           | Cover-LH                   | 27          | 120-2349           | 2           | Screw                   |
| 12          | 161-1198           | 1           | Cover-RH                   | 28          | 139-2629           | 2           | Screw-CARR              |
| 13          | 161-1196           | 1           | Grip-LH                    | 29          | 137-3085           | 2           | Nut-Hex                 |
| 14          | 161-1197           | 1           | Grip-RH                    | 30          | 139-9903           | 1           | Cable-Release, Chute    |
| 15          | 137-6238           | 1           | Trigger-Latch              | 31          | 164-2791           | 1           | Cable-Deflector Control |

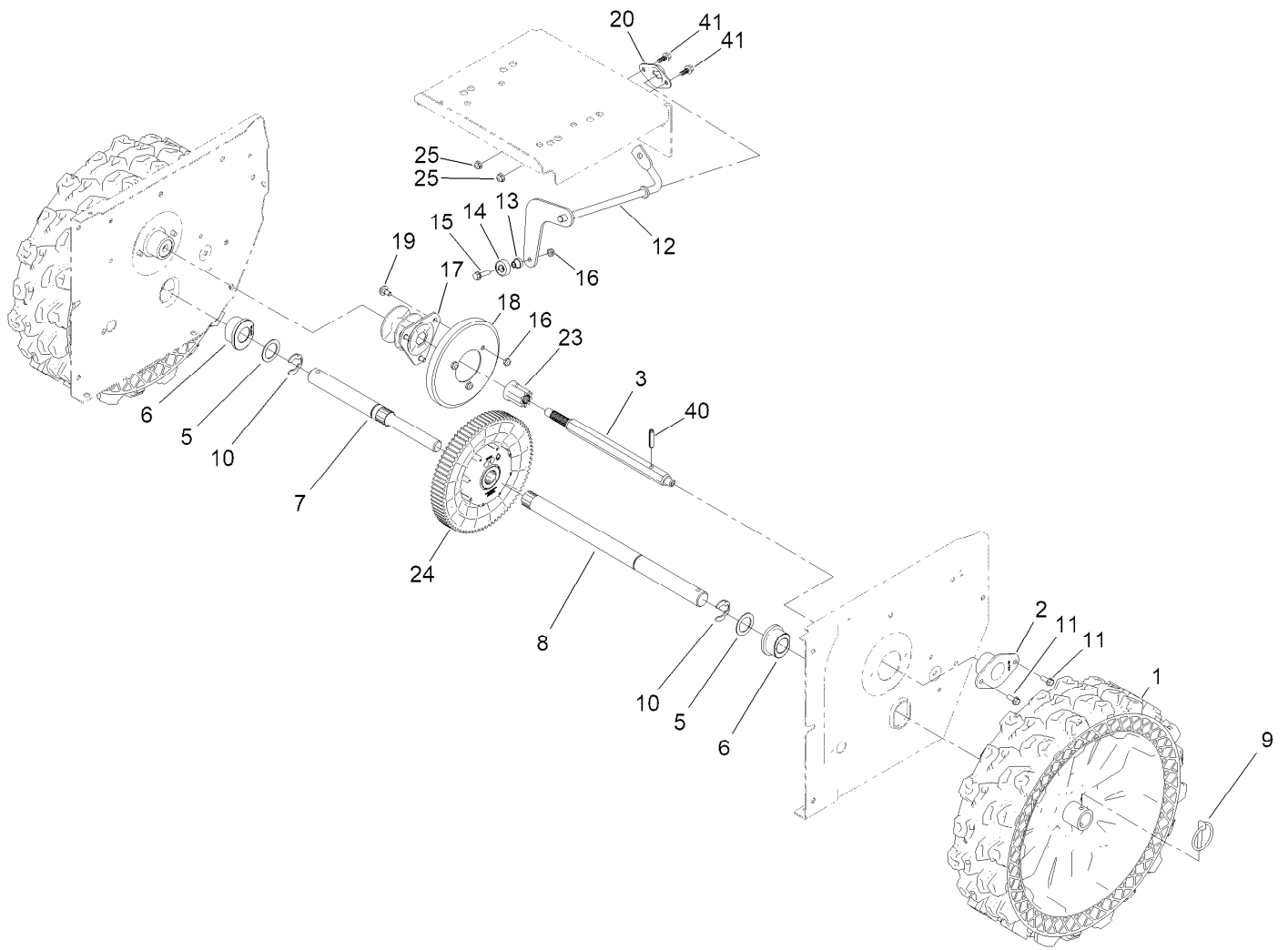
# Handle and Control Assembly



## Handle and Control Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>   | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>                   |
|-------------|--------------------|-------------|----------------------|-------------|--------------------|-------------|--------------------------------------|
| 1           | 163-0275-03        | 1           | Handle-Lower         | 29          | 137-3103           | 1           | Screw-Shoulder, HH                   |
| 2           | 161-5780-03        | 1           | Handle-Upper, LH     | 30          | 137-3038           | 1           | Nut-HF                               |
| 3           | 161-5781-03        | 1           | Handle-Upper, RH     | 32          | 136-7121           | 1           | Spring-Compression                   |
| 4           | 163-6250-01        | 1           | Control Panel        | 33          | 115-1166           | 2           | Washer-Plain                         |
| 5           | 145-4149           | 2           | Block, Hand Controls | 34          | 136-7193           | 1           | Trunnion-Rod                         |
| 6           | 137-3008           | 2           | Screw-Handle         | 35          | 137-3083           | 2           | Pin-Hair                             |
| 7           | 138-8401           | 16          | Nut-HF               | 36          | 137-6225           | 1           | Rod-Shift                            |
| 8           | 164-5422           | 4           | Screw-CARR           | 37          | 164-4906           | 1           | Knob-Shift, RH                       |
| 10          | 137-3107           | 4           | Screw-Handle         | 38          | 164-4907           | 1           | Knob-Shift, LH                       |
| 11          | 137-3009           | 6           | Washer-Cup           | 39          | 94-4496            | 2           | Screw-PPH                            |
| 12          | 137-3052           | 4           | Screw-HH             | 41          | 99-7420            | 1           | Plug-Hole                            |
| 13          | 163-0268-03        | 2           | Lever-Snow           | 42          | 161-5998           | 2           | Grip-Handle                          |
| 14          | 163-0272           | 1           | Rod-Pivot            | 44          | 104-2065           | 1           | Screw-HWH                            |
| 15          | 145-4130           | 1           | Cable-Traction       | 45          | 137-9471           | 2           | Screw-CARR                           |
| 16          | 145-4131           | 1           | Cable-Auger          | 46          | 118-1721           | 2           | Nut,Hex Flange,10-24,Sst,<br>Rie2006 |
| 17          | 163-0299           | 1           | Latch-Lockout        | 47          | 161-1173           | 2           | Grip-Lever                           |
| 18          | 164-0556           | 1           | Cam                  | 48          | 138-8493           | 2           | Spring-Chute, Upper                  |
| 19          | 138-3678           | 2           | Spacer               | 49          | 5979               | 1           | Bushing-Nyliner                      |
| 20          | 163-6207-03        | 1           | HD Front Panel       | 50          | 164-2753           | 1           | Logo, Toro                           |
| 21          | 135-1929           | 6           | Bolt-CARR            | 51          | 110-3408           | 1           | Stick-Cleanout                       |
| 22          | 138-0719           | 6           | Nut-HF               | 52          | 164-2745           | 1           | Harness-Wire, LED                    |
| 23          | 163-6204           | 1           | Nameplate-Housing    | 56          | 137-6231-03        | 1           | Selector-Speed                       |
| 24          | 164-2710           | 1           | Lightbar-Light       | 57          | 105-9437           | 14          | Screw-PPH                            |
| 25          | 164-2711           | 1           | Lightbar-Box         | 58          | 137-3053           | 2           | Screw-CARR                           |
| 26          | 164-2785           | 1           | Qs-Plate             | 60          | 119-4040           | 2           | Nut-HF, NI                           |
| 27          | 164-2707           | 1           | Trim, Speed Control  | 61          | 94-6961            | 2           | Screw                                |
| 28          | 163-0265-03        | 1           | Bracket-Traction     |             |                    |             |                                      |

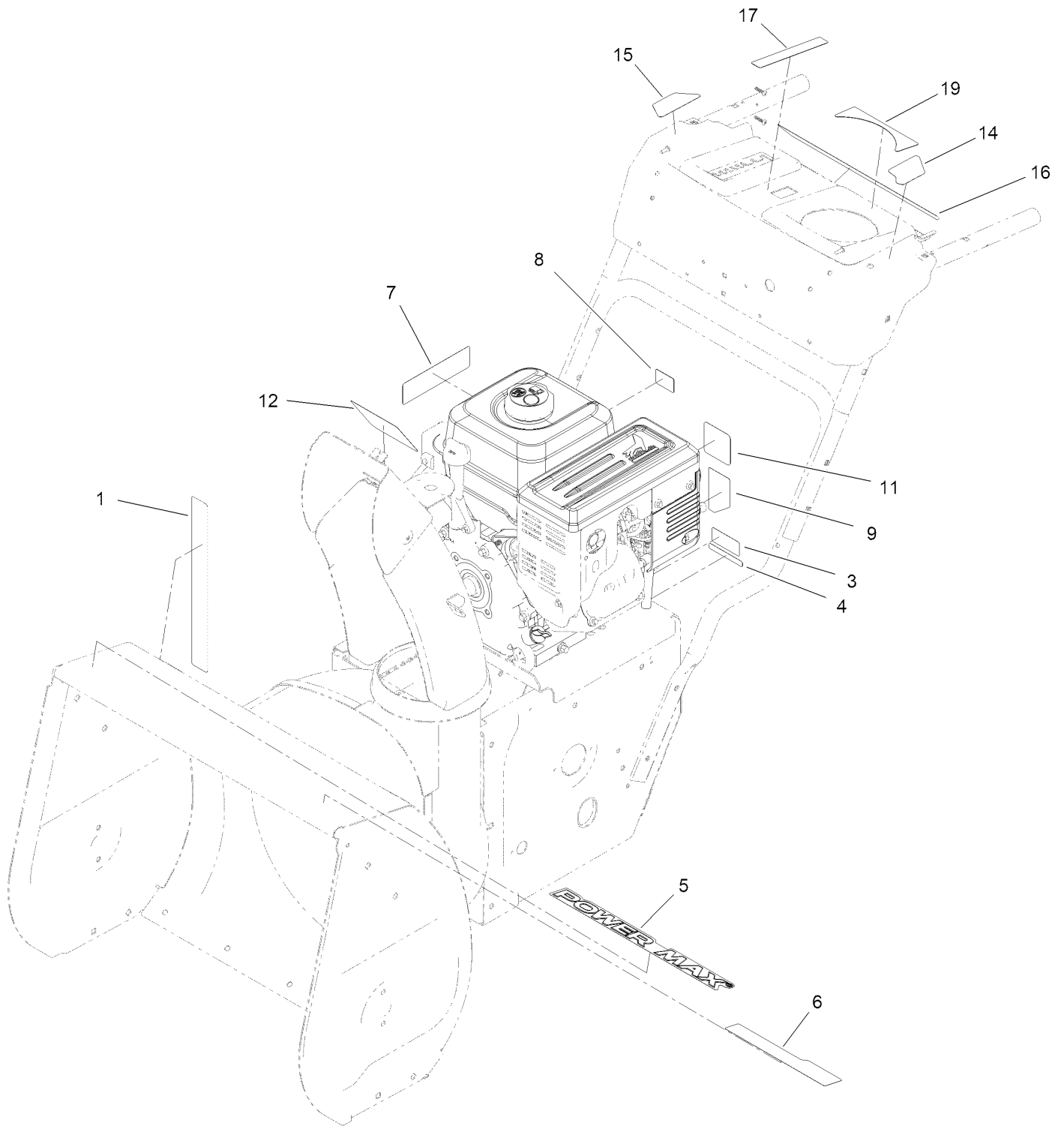
# Drive Assembly



## Drive Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>    | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>     |
|-------------|--------------------|-------------|-----------------------|-------------|--------------------|-------------|------------------------|
| 1           | 145-4145           | 2           | 16" Airless Snow Tire | 14          | 121-6835           | 1           | Bearing-Ball           |
| 2           | 108-7319           | 2           | Retainer-Bearing      | 15          | 32144-86           | 1           | Screw-HWHTF            |
| 3           | 163-6259           | 1           | Shaft-Hex, HD         | 16          | 137-3091           | 4           | Nut-Hex                |
| 5           | 138-0725           | 2           | Washer-Thrust         | 17          | 119-7630           | 1           | Trunnion               |
| 6           | 136-6641           | 2           | Bushing-Axle          | 18          | 119-1567           | 1           | Wheel-Friction         |
| 7           | 140-3711           | 1           | Axle-Rt, HD           | 19          | 137-6246           | 3           | Screw-Shoulder         |
| 8           | 140-3736           | 1           | Axle -Lt, HD          | 20          | 136-6647-03        | 1           | Retainer-Rod, Shift    |
| 9           | 138-3642           | 2           | Pin-Klik              | 23          | 163-6261           | 1           | Gear-Pinion 9 Tooth    |
| 10          | 32151-91           | 2           | Ring-Retaining        | 24          | 163-6260           | 1           | Transmission-Gt, Di200 |
| 11          | 32144-85           | 4           | Screw-HWH Thd Form    | 25          | 137-3005           | 2           | Nut-HF                 |
| 12          | 137-6162-03        | 1           | Rod-Shift             | 40          | 32121-9            | 1           | Pin-Roll, Slotted      |
| 13          | 119-7684           | 1           | Spacer-Plate, Shift   | 41          | 137-3111           | 2           | Screw-HHF              |

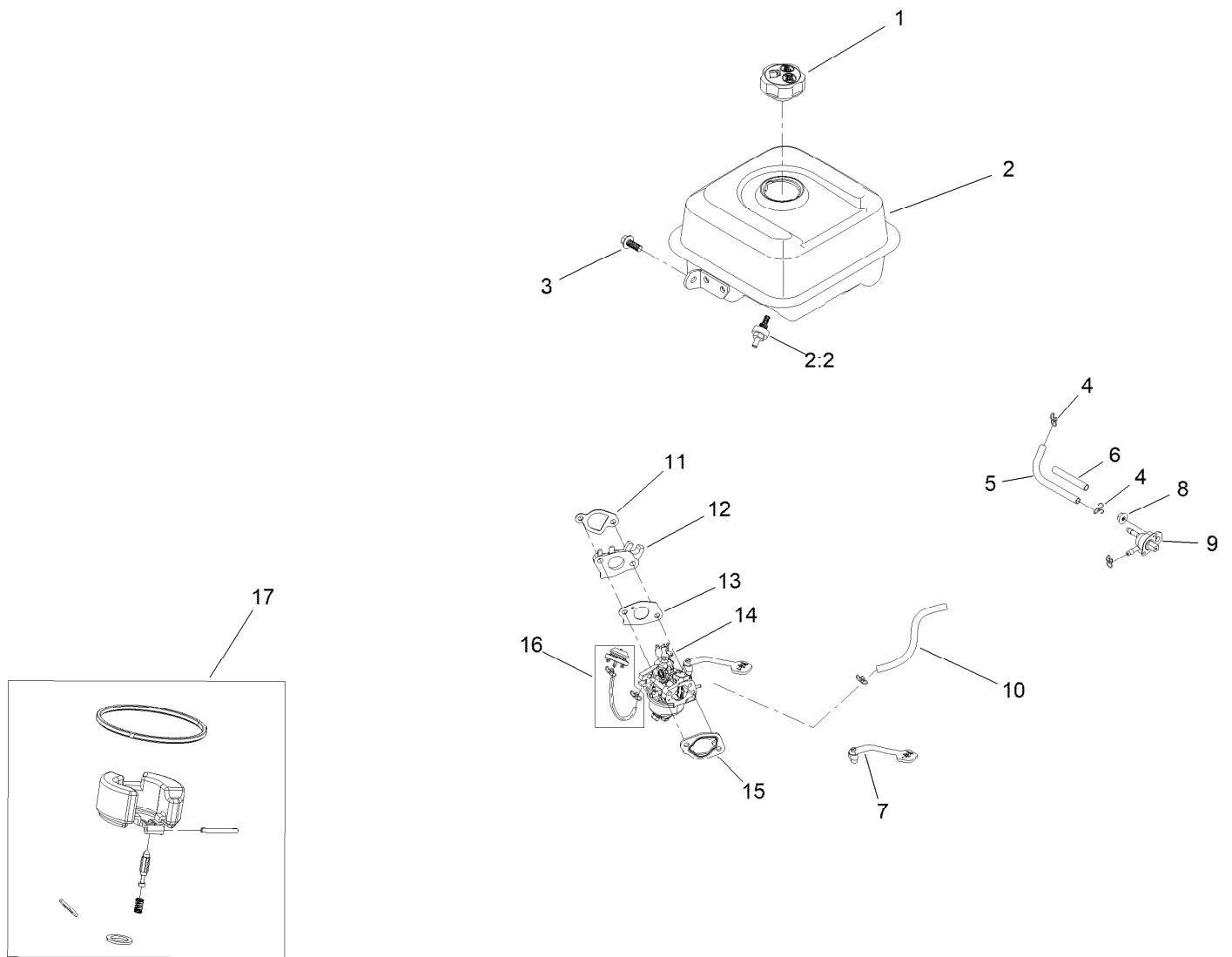
# Decal Assembly



## Decal Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>             | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>     |
|-------------|--------------------|-------------|--------------------------------|-------------|--------------------|-------------|------------------------|
| 1           | 164-2713           | 1           | Decal-Safety                   | 9           | 120-9805           | 1           | Decal-Control, Engine  |
| 3           | 121-5684           | 1           | Decal-Location, Service Dealer | 11          | 131-5912           | 1           | Decal-Recoil, G250     |
| 4           | 133-8061           | 1           | Decal-Warning                  | 12          | 137-6198           | 1           | Decal-Danger           |
| 5           | 164-2720           | 1           | Decal-Power Max                | 14          | 164-2715           | 1           | Decal-Drive            |
| 6           | 164-5403           | 1           | Decal-Heavy Duty 24            | 15          | 164-2714           | 1           | Decal-Auger            |
| 7           | 161-6034           | 1           | Decal - 252Cc Ohv              | 16          | 164-5400           | 1           | Decal-Power Max, HD 24 |
| 8           | 125-1102           | 1           | Decal-Throttle                 | 17          | 164-2717           | 1           | Decal-Throttle         |
|             |                    |             |                                | 19          | 164-2716           | 1           | Decal-Quick Stick      |

# Fuel System and Carburetor Assembly

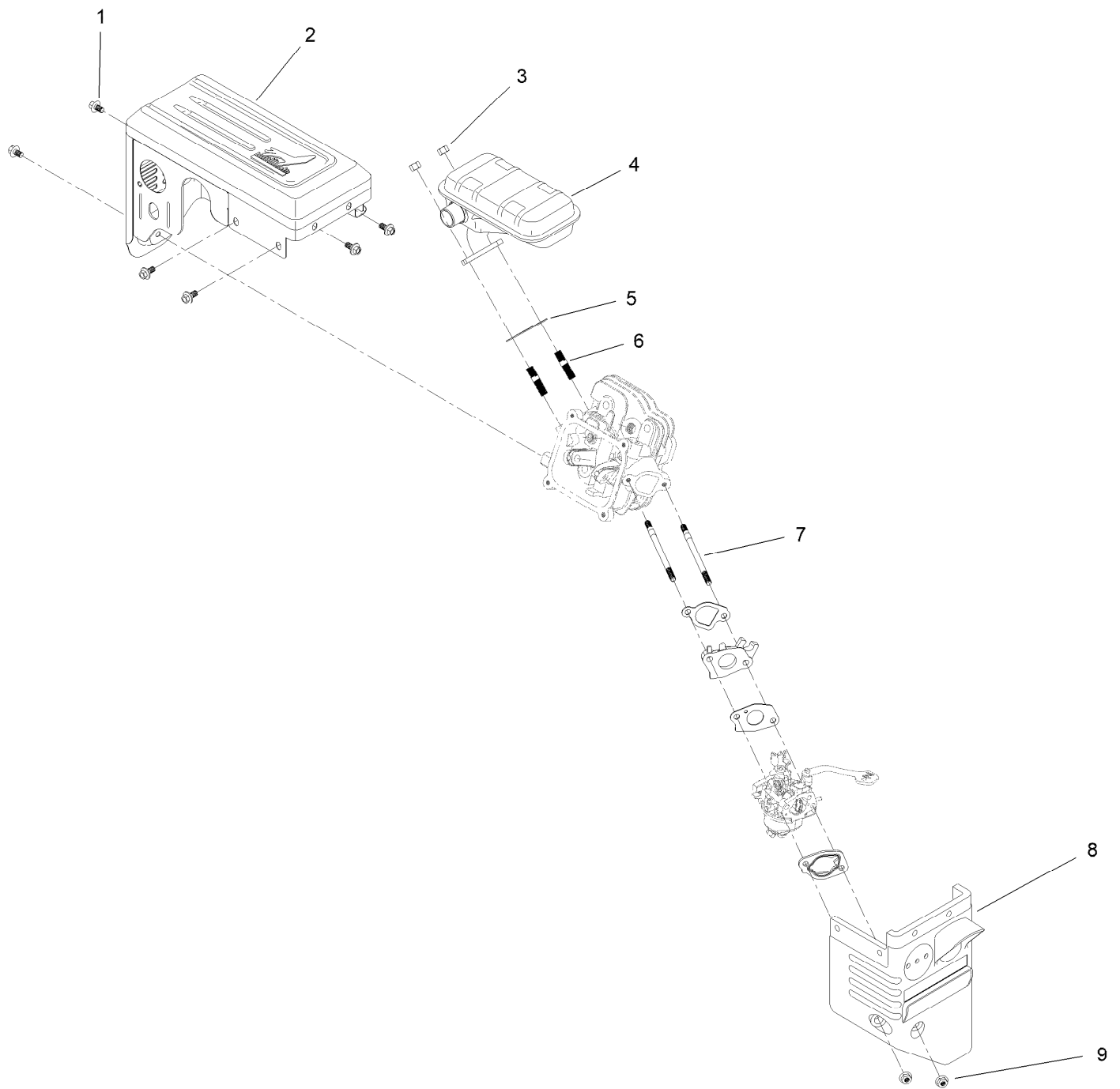


## Fuel System and Carburetor Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>       | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>        |
|-------------|--------------------|-------------|--------------------------|-------------|--------------------|-------------|---------------------------|
| 1           | 133-9823           | 1           | Cap-Fuel                 | 10          | 147-7086           | 1           | Hose-Fuel                 |
| 2           | 133-1553           | 1           | Fuel Tank And Filter ASM | 11          | 133-1531           | 1           | Gasket-Carburetor         |
| 2:2         | 127-9065           | 1           | Filter-Fuel              | 12          | 133-1532           | 1           | Insulator-Carburetor      |
| 3           | 121-0294           | 1           | Screw-HHF                | 13          | 133-1533           | 1           | Gasket-Carburetor         |
| 4           | 147-7077           | 4           | Clip-Hose                | 14          | 133-1534           | 1           | Carburetor ASM            |
| 5           | 147-7087           | 1           | Hose-Fuel                | 15          | 121-0080           | 1           | Gasket-Carburetor         |
| 6           | 147-7088           | 1           | Sleeve-Abrasion          | 16          | 127-9079           | 1           | Primer Kit                |
| 7           | 147-7096           | 1           | Lever-Choke              | 17          | 127-9395           | 1           | Internal Carb Service Kit |
| 8           | 120-4236           | 1           | Nut-Flange               | 99          | 133-9937           | 1           | High Altitude Kit ●       |
| 9           | 127-9117           | 1           | Valve-Fuel               |             |                    |             |                           |

● Not illustrated

# Intake and Exhaust Assembly

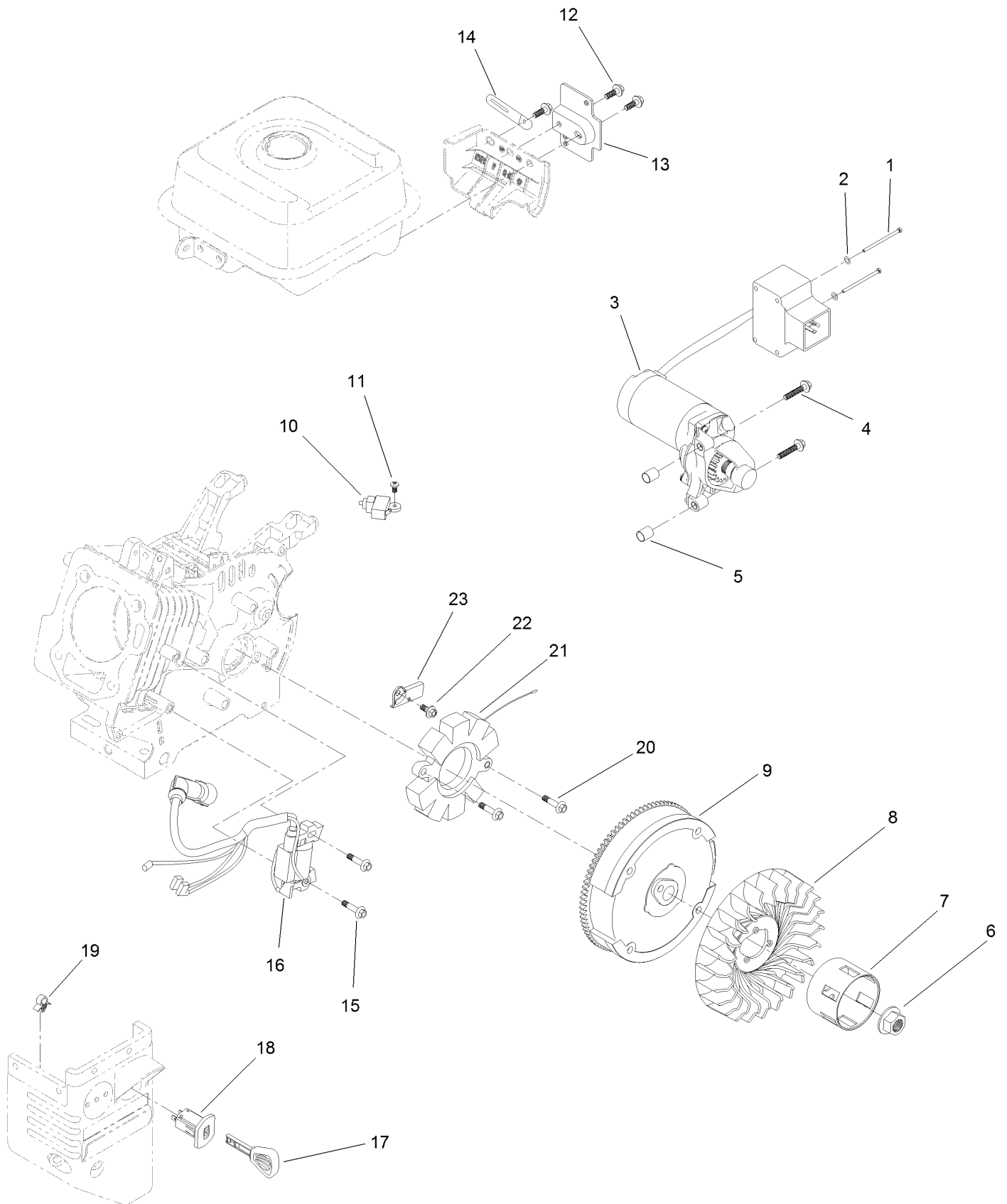


## Intake and Exhaust Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 121-0294           | 6           | Screw-HHF          |
| 2           | 127-9491           | 1           | Muffler Cover ASM  |
| 3           | 121-0199           | 2           | Nut-HH             |
| 4           | 127-9490           | 1           | Muffler ASM        |
| 5           | 133-1539           | 1           | Gasket-Exhaust     |

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 6           | 121-0464           | 2           | Stud-Exhaust       |
| 7           | 121-4112           | 2           | Stud-Intake        |
| 8           | 127-9112           | 1           | Box-Heater         |
| 9           | 121-0308           | 2           | Nut-Flange         |

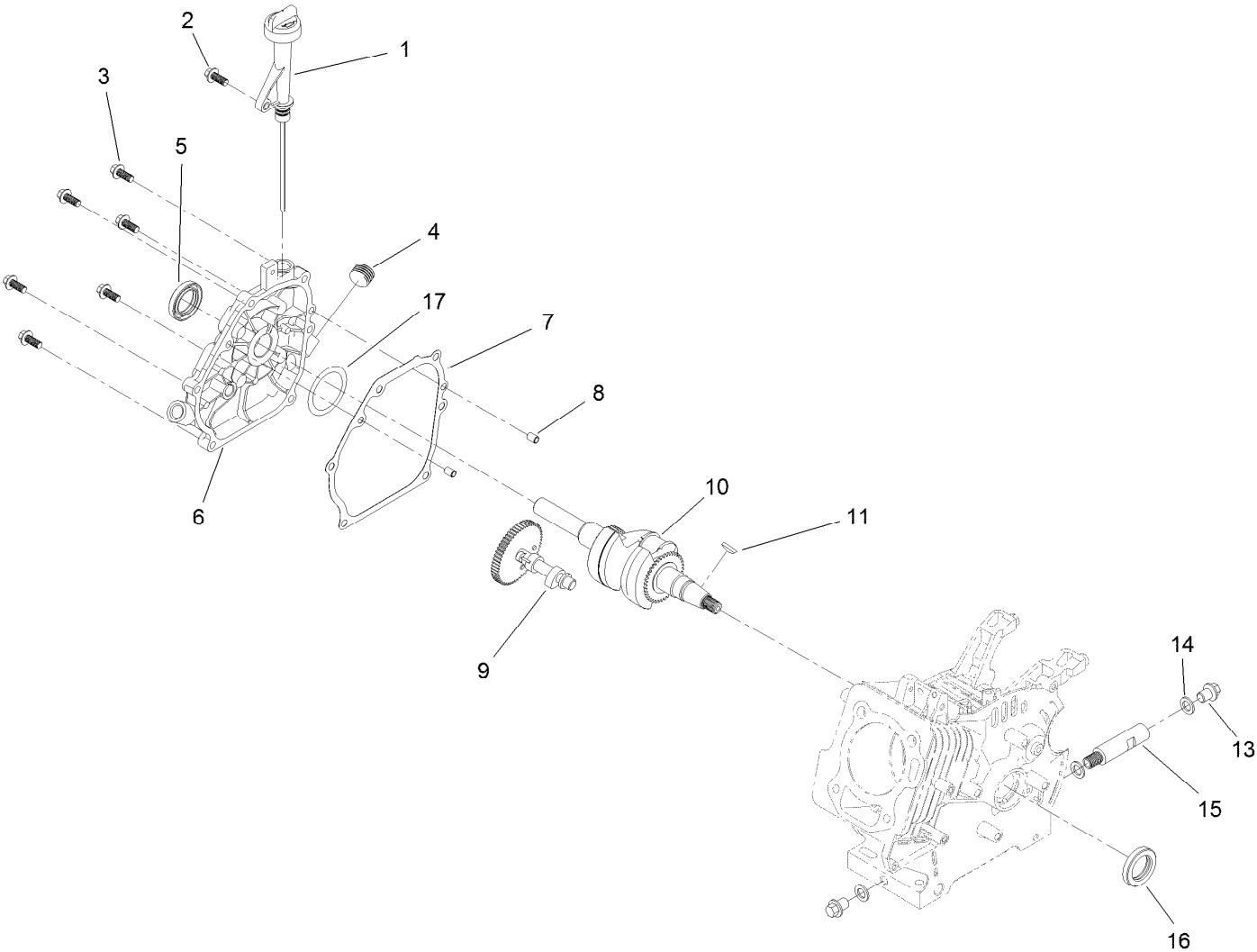
# Ignition and Electrical Assembly



## Ignition and Electrical Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>  | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>         |
|-------------|--------------------|-------------|---------------------|-------------|--------------------|-------------|----------------------------|
| 1           | 121-0306           | 2           | Screw-Bhp           | 13          | 133-1554           | 1           | Bracket-Switchbox, Starter |
| 2           | 121-0312           | 2           | Washer-Plain        | 14          | 121-0017           | 1           | Clip-Harness, Wire         |
| 3           | 144-0988           | 1           | Motor-Starter       | 15          | 121-0097           | 2           | Screw-HHF                  |
| 4           | 133-1546           | 2           | Screw-Flange        | 16          | 133-9996           | 1           | Ignition Coil ASM          |
| 5           | 121-0055           | 2           | Pin-Dowel           | 17          | 117-7728           | 1           | Key                        |
| 6           | 121-0047           | 1           | Nut-Flange          | 18          | 121-0283           | 1           | Switch-Key                 |
| 7           | 133-1527           | 1           | Cup-Starter         | 19          | 121-0326           | 1           | Clip                       |
| 8           | 133-1526           | 1           | Fan-Cooling         | 20          | 121-0196           | 2           | Screw-HHF                  |
| 9           | 127-9484           | 1           | Flywheel ASM        | 21          | 127-9485           | 1           | Alternator                 |
| 10          | 121-0284           | 1           | Switch-Kill, Engine | 22          | 121-0116           | 1           | Screw-HHF                  |
| 11          | 120-4461           | 1           | Screw-PPH           | 23          | 127-9486           | 1           | Clamp-Wire, Charge         |
| 12          | 127-9123           | 3           | Screw-HHF           |             |                    |             |                            |

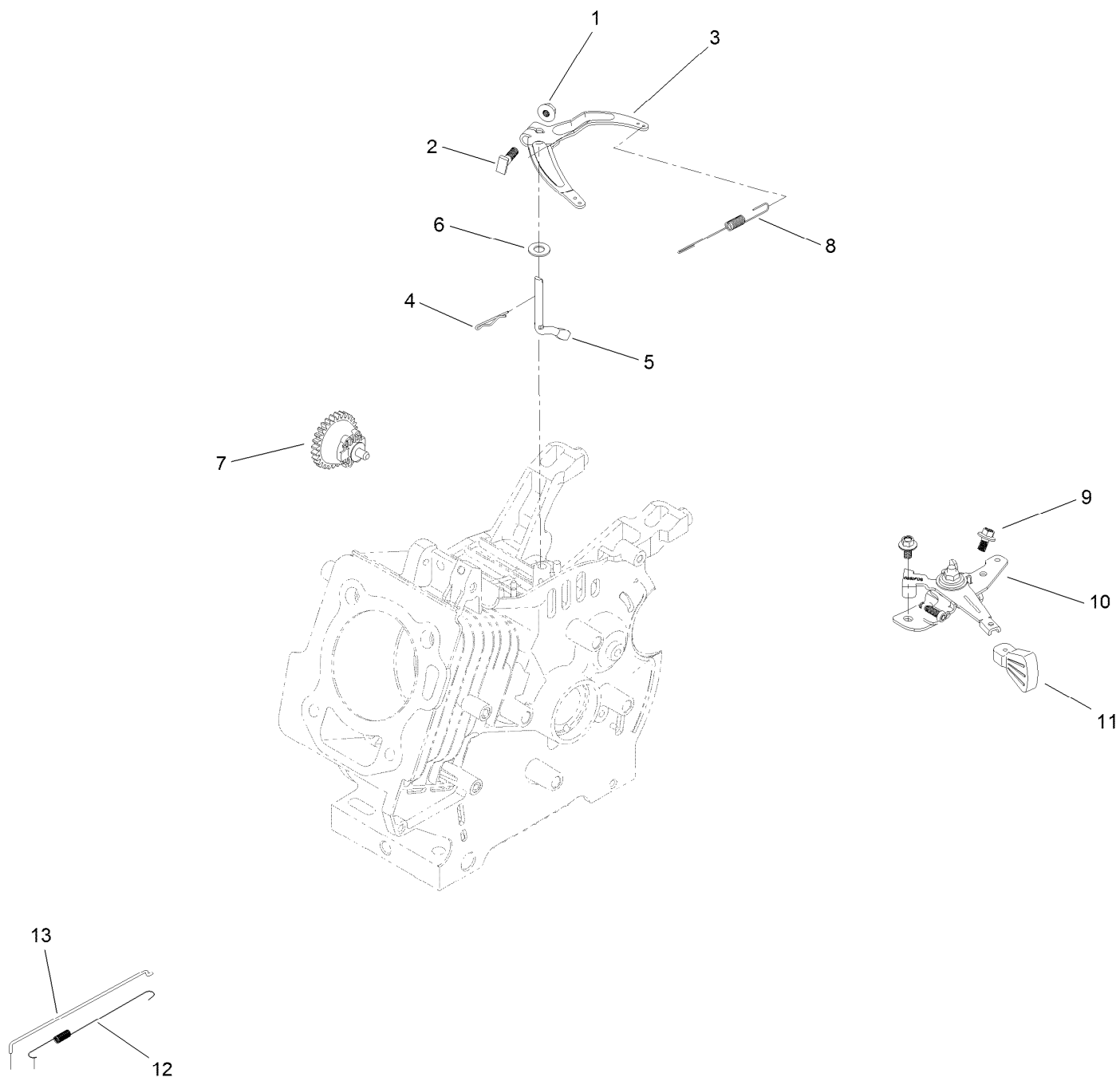
# Crankcase Assembly



## Crankcase Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>      | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|-------------------------|-------------|--------------------|-------------|--------------------|
| 1           | 139-0734           | 1           | Oil Fill ASM            | 9           | 133-9991           | 1           | Camshaft ASM       |
| 2           | 127-9123           | 1           | Screw-HHF               | 10          | 127-9495           | 1           | Crankshaft         |
| 3           | 121-4114           | 6           | Screw-HHF               | 11          | 120-4320           | 1           | Key-Woodruff       |
| 4           | 133-9805           | 1           | Plug-Drain              | 13          | 121-0030           | 2           | Screw-HHF          |
| 5           | 133-1516           | 1           | Seal-Oil                | 14          | 121-0048           | 3           | Washer-Plain       |
| 6           | 133-9865           | 1           | Cover-Crankcase         | 15          | 127-9104           | 1           | Tube-Drain, Oil    |
| 7           | 127-9493           | 1           | Gasket-Cover, Crankcase | 16          | 133-9864           | 1           | Seal-Oil           |
| 8           | 121-0054           | 2           | Pin-Dowel               | 17          | 133-9863           | 1           | Washer-Thrust      |

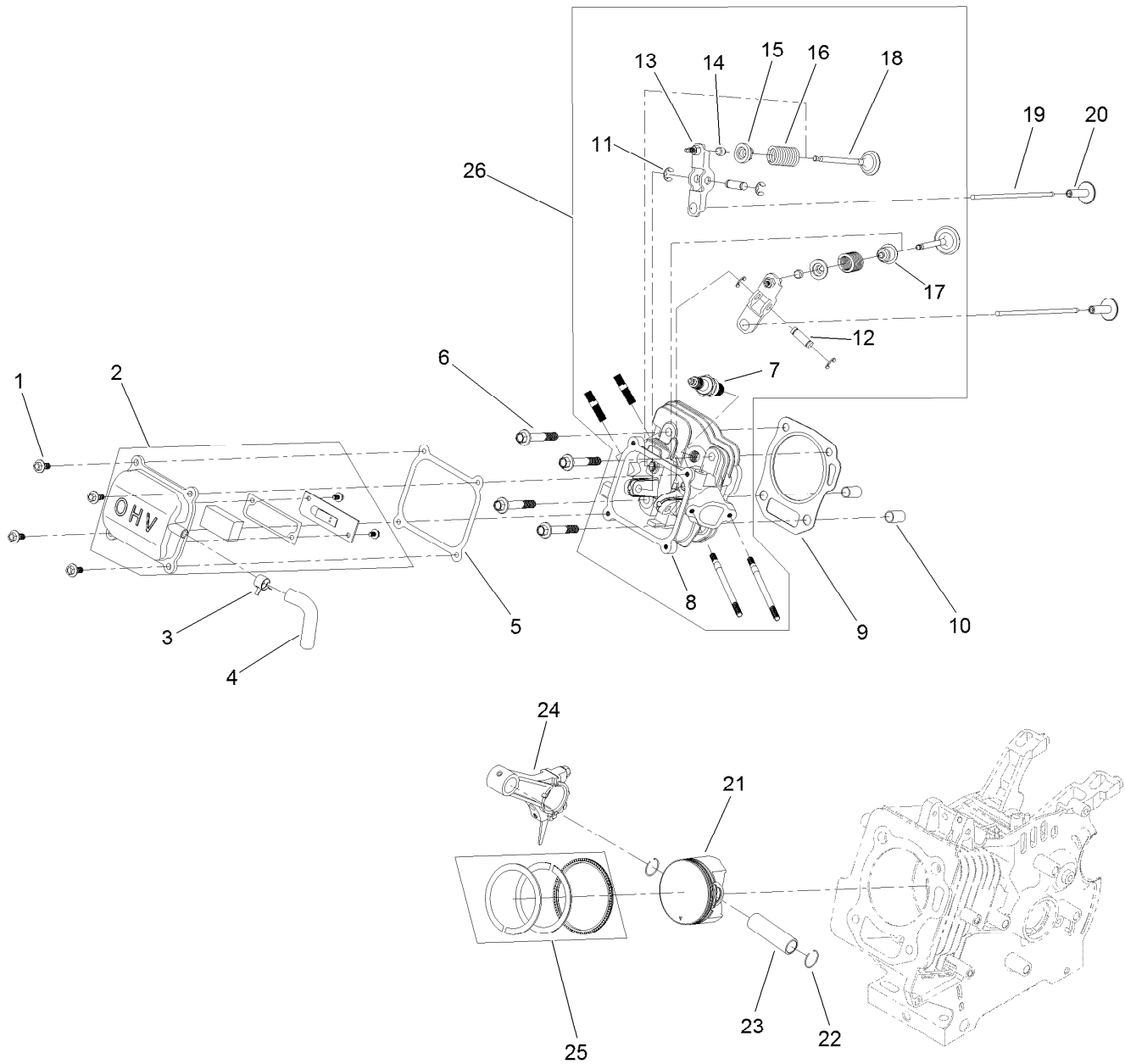
# Governor Assembly



## Governor Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>      |
|-------------|--------------------|-------------|--------------------|-------------|--------------------|-------------|-------------------------|
| 1           | 120-4236           | 1           | Nut-Flange         | 8           | 127-9483           | 1           | Spring-Governor         |
| 2           | 120-4238           | 1           | Bolt-Arm, Governor | 9           | 121-0116           | 2           | Screw-HHF               |
| 3           | 127-9482           | 1           | Arm-Governor       | 10          | 133-1555           | 1           | Throttle Control ASM    |
| 4           | 120-4256           | 1           | Pin-Hair           | 11          | 121-0269           | 1           | Knob-Control, Throttle  |
| 5           | 133-9995           | 1           | Shaft-Governor     | 12          | 133-1536           | 1           | Spring-Return, Throttle |
| 6           | 121-0498           | 1           | Washer-Plain       | 13          | 133-1535           | 1           | Rod-Governor            |
| 7           | 133-9994           | 1           | Governor Gear ASM  |             |                    |             |                         |

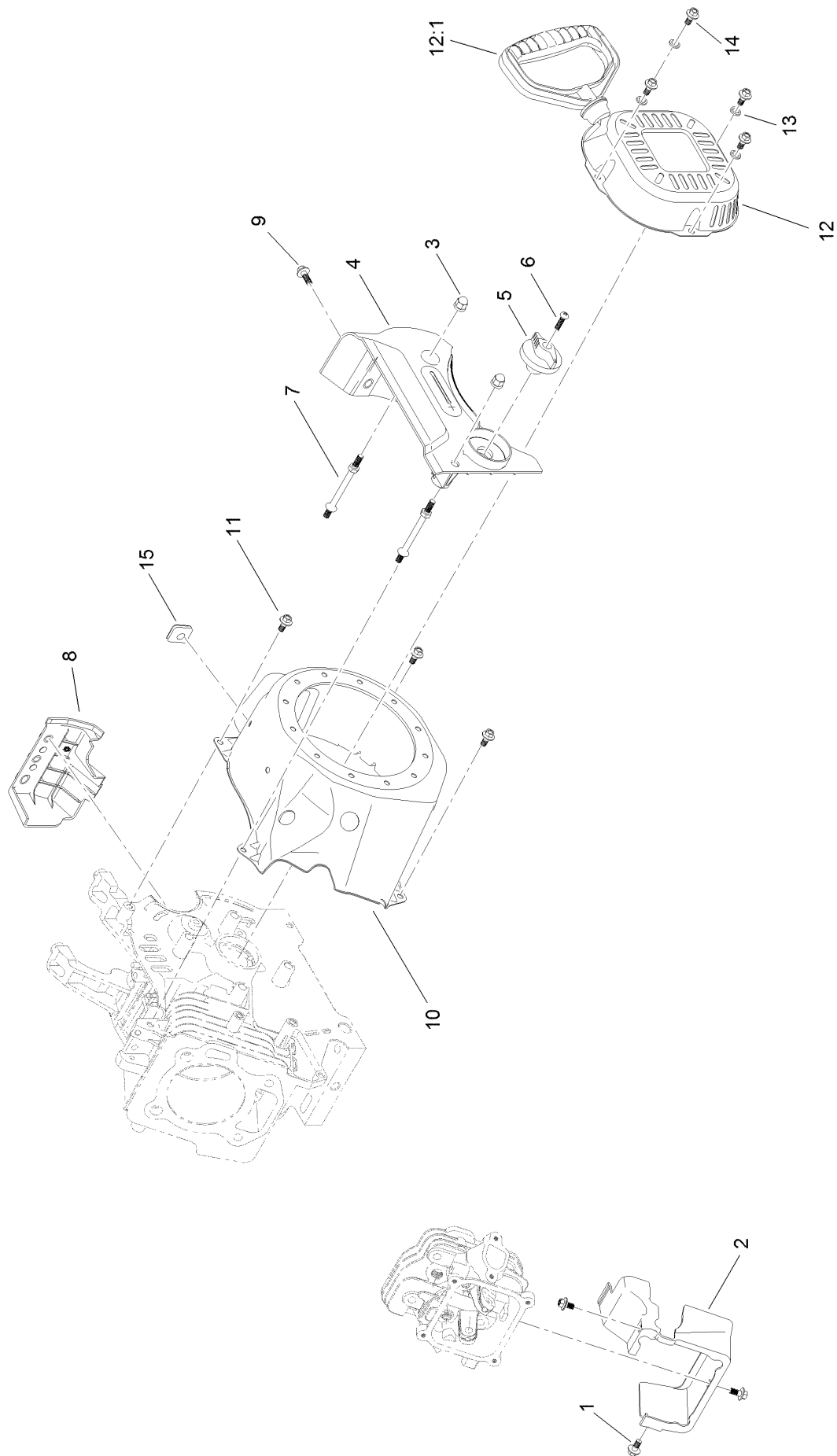
# Piston and Head Assembly



## Piston and Head Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>  | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>     |
|-------------|--------------------|-------------|---------------------|-------------|--------------------|-------------|------------------------|
| 1           | 120-4454           | 4           | Screw-HHF           | 14          | 121-4116           | 2           | Rotator-Valve          |
| 2           | 133-1500           | 1           | Valve Cover ASM     | 15          | 121-4117           | 2           | Retainer-Spring, Valve |
| 3           | 133-1558           | 1           | Clamp-Hose          | 16          | 127-9014           | 2           | Spring-Valve           |
| 4           | 133-9990           | 1           | Tube-Breather       | 17          | 121-4202           | 1           | Seal-Stem, Valve       |
| 5           | 133-1507           | 1           | Gasket-Cover, Valve | 18          | 133-1515           | 1           | Set-Valve              |
| 6           | 133-1508           | 4           | Screw-Flange        | 19          | 133-1514           | 2           | Rod-Push               |
| 7           | 81-3250            | 1           | Spark Plug          | 20          | 127-9015           | 2           | Tappet-Valve           |
| 8           | 133-1509           | 1           | Head-Cylinder       | 21          | 133-1522           | 1           | Piston                 |
| 9           | 133-1510           | 1           | Gasket-Head         | 22          | 121-0313           | 2           | Clip-Pin, Piston       |
| 10          | 120-4200           | 2           | Pin-Dowel           | 23          | 121-4128           | 1           | Pin-Piston             |
| 11          | 133-1511           | 4           | E-Clip              | 24          | 121-4123           | 1           | Connecting Rod ASM     |
| 12          | 133-1512           | 2           | Pin-Arm, Rocker     | 25          | 133-1521           | 1           | Set-Ring, Piston       |
| 13          | 133-1513           | 2           | Rocker Arm ASM      | 26          | 133-9867           | 1           | Complete Head ASM      |

# Blower Housing and Shrouds Assembly



## Blower Housing and Shrouds Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>   | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|----------------------|-------------|--------------------|-------------|--------------------|
| 1           | 121-0116           | 3           | Screw-HHF            | 9           | 127-9123           | 1           | Screw-HHF          |
| 2           | 133-1530           | 1           | Shroud-Head          | 10          | 133-1528           | 1           | Shroud-Flywheel    |
| 3           | 127-9383           | 2           | Nut-Acorn            | 11          | 121-0294           | 3           | Screw-HHF          |
| 4           | 133-1557           | 1           | Panel-Control, Front | 12          | 127-9487           | 1           | Recoil ASM         |
| 5           | 121-0268           | 1           | Knob-Valve, Fuel     | 12:1        | 121-0287           | 1           | Handle-Recoil      |
| 6           | 121-0305           | 1           | Screw-Bhp            | 13          | 127-9380           | 4           | Washer-Plain       |
| 7           | 127-9110           | 2           | Stud-Mount           | 14          | 127-9031           | 4           | Screw-HHF          |
| 8           | 133-1543           | 1           | Panel-Side, Engine   | 15          | 133-1548           | 1           | Grommet-Rubber     |

# Attachments and Accessories

## For 39960 — Power Max Heavy Duty 824 Snowthrower

| Product Name                                       | Model/Part |
|----------------------------------------------------|------------|
| High-Altitude Kit .....                            | 121-4241   |
| Heavy-Duty Skid Kit.....                           | 125-1104   |
| Snow Cab Kit .....                                 | 127-5960   |
| Heated Grip Kit .....                              | 131-6460   |
| Engine Maintenance Kit.....                        | 138-0704   |
| Kit Red Heated Grips .....                         | 144-1603   |
| Non-Marking Skid Kit .....                         | 38211      |
| Drift Breaker Kit .....                            | 38213      |
| Tire Chain Kit, 16in Tires .....                   | 38215      |
| Toro Snow Oil 0W30 Synthetic 20-Ounce Bottle ..... | 38913      |
| Power Max HD Covers (2019) .....                   | 490-7415   |

**Notes:**



**Count on it.**