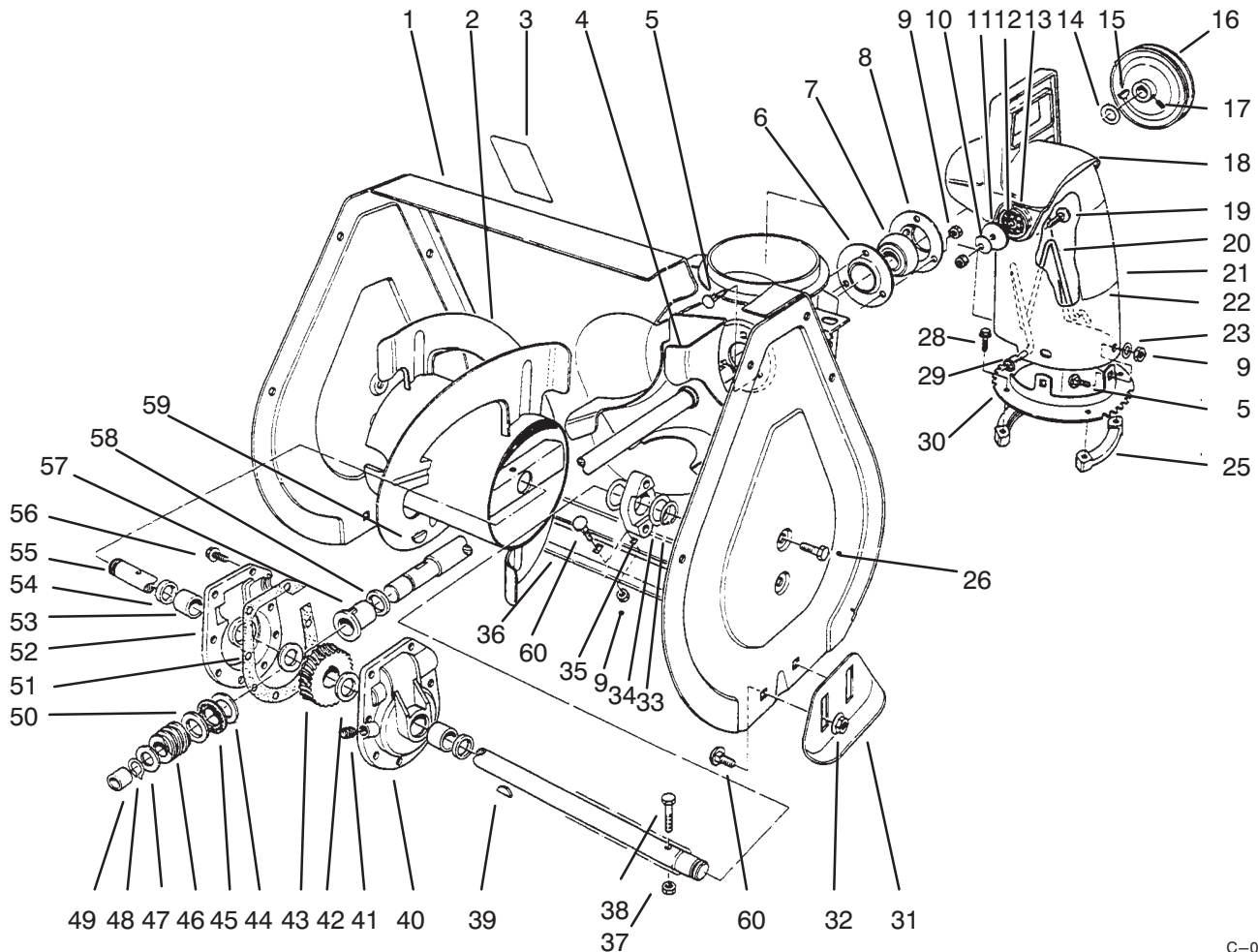


**TORO®**
**MODEL NO. 38052-6900001 & UP**  
**MODEL NO. 38054-6900001 & UP**
**PARTS**  
**CATALOG**
**521 SNOWTHROWER**


C-0031

**AUGER ASSEMBLY**

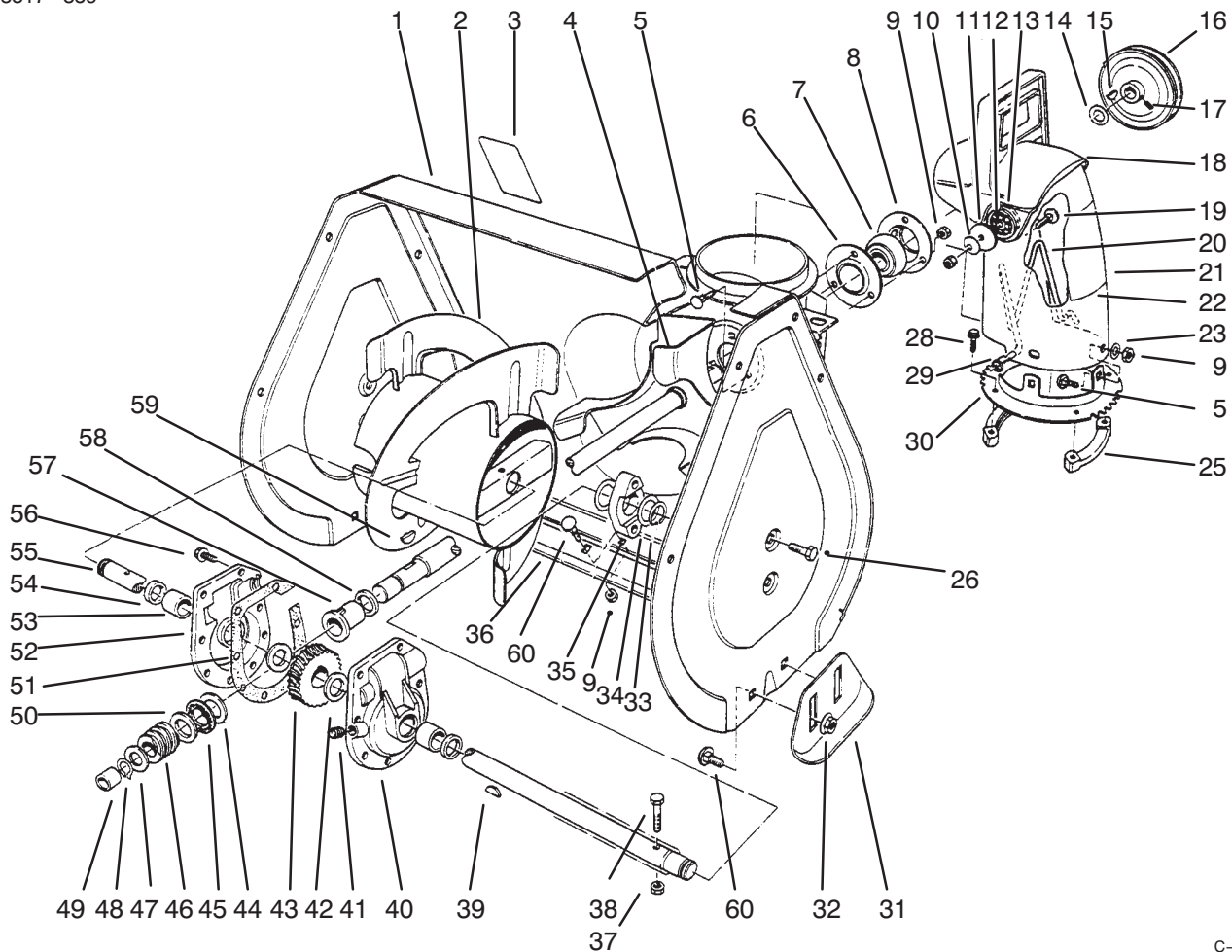
| Ref. No. | Part No. | Description                               | No. Used |
|----------|----------|-------------------------------------------|----------|
| 1        | 94-2784  | Housing—Auger (Model 38052 Incl. Ref. #3) | 1        |
| *        | 94-2783  | Housing—Auger (Model 38054 Incl. Ref. #3) | 1        |
| 2        | 39-1180  | Auger — R.H.                              | 1        |
| *        | 39-1190  | Auger — L.H.                              | 1        |
| 3        | 53-7670  | Decal — Auger Warning (Model 38052)       | 1        |
| *        | 94-2568  | Decal — Auger Warning (Model 38054)       | 1        |
| 4        | 37-6990  | Shaft & Impeller                          | 1        |
| 5        | 3230-18  | Bolt — Carriage                           | 6        |
| 6        |          | Flange — Bearing Front                    | 1        |
| 7        | 63-3450  | Bearing — Ball                            | 1        |
| 8        |          | Flange — Bearing Rear                     | 1        |
| 9        | 3296-29  | Nut — Lock                                | 13       |
| 10       | 3290-340 | Washer — Belleville                       | 2        |
| 11       | 3256-68  | Washer — Flat                             | 2        |

| Ref. No. | Part No. | Description                                     | No. Used |
|----------|----------|-------------------------------------------------|----------|
| 12       | 55-8950  | Plate — Friction                                | 2        |
| 13       | 20-4320  | Washer — Rubber                                 | 2        |
| 14       | 3-0737   | Washer                                          | 1        |
| 15       | 3257-23  | Key                                             | 1        |
| 16       | 37-6890  | Pulley                                          | 1        |
| 17       | 3242-4   | Screw — Set                                     | 2        |
| 18       | 56-2680  | Deflector                                       | 1        |
| 19       | 3230-22  | Bolt — Carriage                                 | 2        |
| 20       | 56-2670  | Chute — Wire                                    | 1        |
| 21       | 56-2693  | Chute — Discharge (Incl. Ref. # 22) Model 38052 | 1        |
| *        | 56-6292  | Chute — Discharge (Incl. Ref. # 22) Model 38054 | 1        |
| 22       | 53-7660  | Decal — Discharge Model 38052                   | 1        |
| *        | 94-2558  | Decal — Discharge Model 38054                   | 1        |
| 23       | 3256-23  | Washer                                          | 3        |

\*Not Illustrated

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TPS

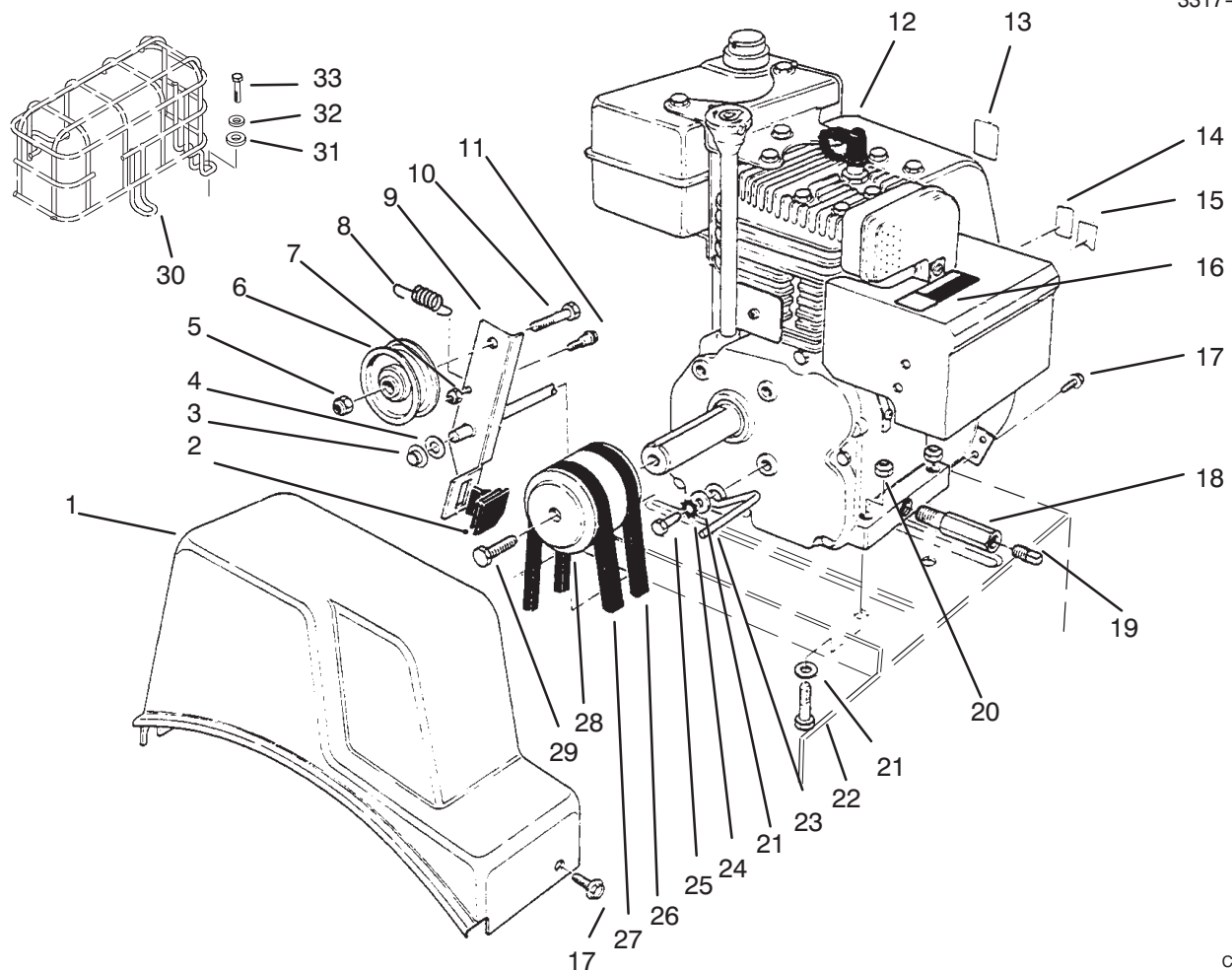


C-0031

## AUGER ASSEMBLY (Continued)

| Ref. No. | Part No. | Description                             | No. Used | Ref. No. | Part No. | Description                             | No. Used |
|----------|----------|-----------------------------------------|----------|----------|----------|-----------------------------------------|----------|
| 25       | 37-6490  | Retainer - Chute Ring                   | 3        | 45       | 252-76   | Bearing - Needle, Thrust                | 1        |
| 26       | 32144-70 | Screw - Self Tapping                    | 4        | 46       | 5-7170   | Gear - Worm                             | 1        |
| 28       | 27-0220  | Screw - Self Tapping                    | 6        | 47       | 3-8664   | Washer                                  | 1        |
| 29       | 3290-326 | Pushnut                                 | 1        | 48       | 32120-72 | Ring - Retaining                        | 1        |
| 30       | 37-8941  | Ring - Chute                            | 1        | 49       | 256-32   | Bushing                                 | 1        |
| 31       | 40-8160  | Skid                                    | 2        | 50       | 252-80   | Washer - Thrust                         | 1        |
| 32       | 32128-20 | Nut - Flange                            | 4        | 51       | 51-0460  | Gasket                                  | 1        |
| 33       | 32151-36 | Ring - Retaining                        | 2        | 52       | 14-2449  | Gear Case R.H.<br>(Incl. Ref. #53 & 54) | 1        |
| 34       | 5-1550   | Washer - Thrust                         | 4        | 53       | 256-237  | Bushing                                 | 2        |
| 35       | 37-6550  | Bearing - Auger                         | 2        | 54       | 7-0045   | Seal - Oil                              | 2        |
| 36       | 39-1551  | Blade - Scraper                         | 1        | 55       | 37-6800  | Shaft - Auger                           | 1        |
| 37       | 3296-42  | Nut - Lock                              | 2        | 56       | 32144-41 | Screw - Self Tapping                    | 8        |
| 38       | 321-10   | Screw                                   | 2        | 57       | 37-6560  | Bushing - Input                         | 1        |
| 39       | 3257-33  | Key - Woodruff                          | 1        | 58       | 237-87   | Seal                                    | 1        |
| 40       | 14-2459  | Gear Case L.H.<br>(Incl. Ref. #53 & 54) | 1        | 59       | 3257-23  | Key - Woodruff                          | 1        |
| 41       | 281-1    | Pipe - Plug                             | 1        | 60       | 3230-1   | Bolt - Carriage                         | 9        |
| 42       | 252-71   | Bearing - Thrust                        | 2        | *        | 37-6960  | Gear Case Asm.                          | 1        |
| 43       | 5-7180   | Gear                                    | 1        | *        | 12-8789  | Bearing Asm.<br>(Incl. Ref. #6-8)       | 1        |
| 44       | 257-3    | Washer - Thrust                         | 1        |          |          |                                         |          |

\*Not Illustrated



C-0038

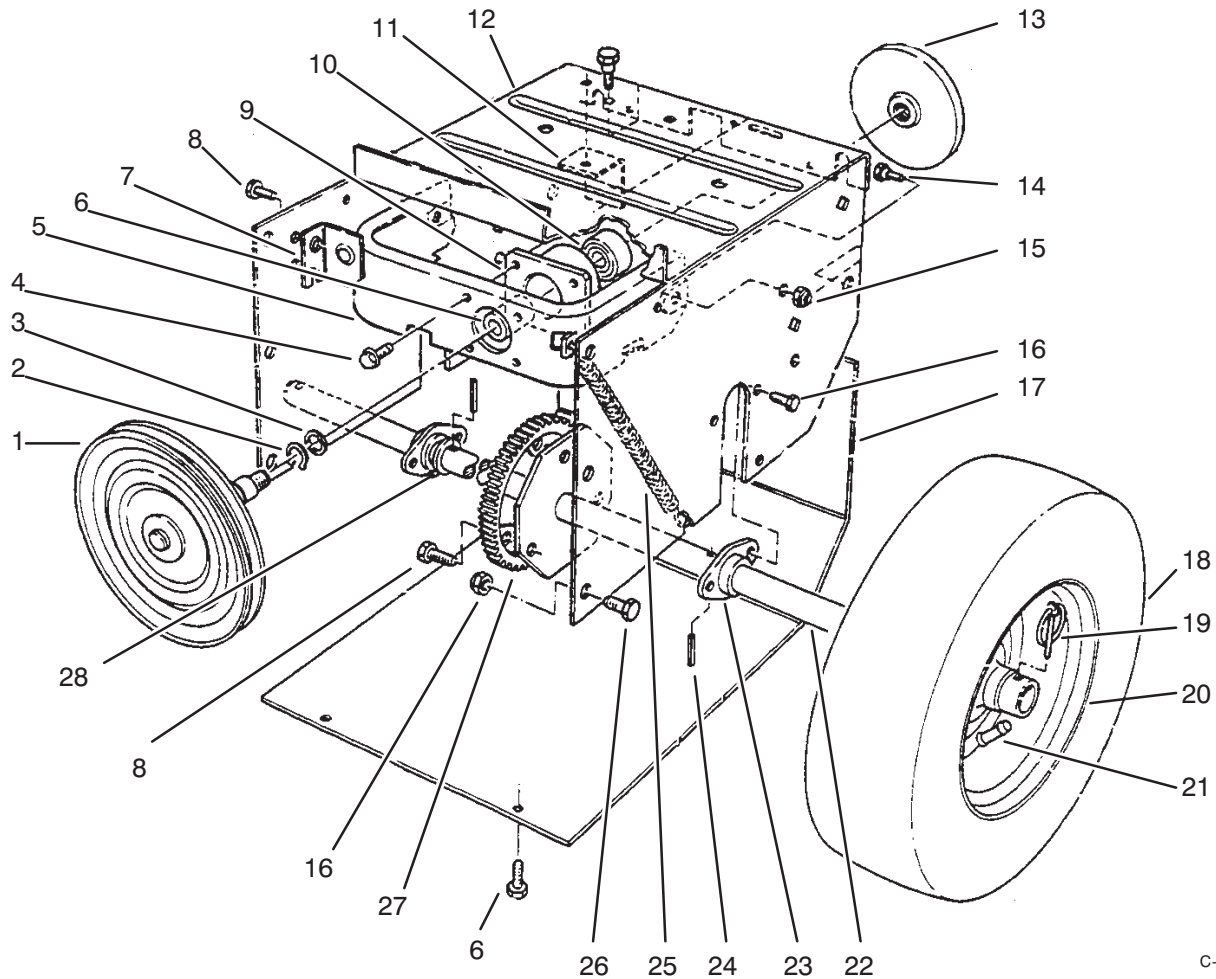
## ENGINE ASSEMBLY

| Ref. No. | Part No. | Description                                  | No. Used |
|----------|----------|----------------------------------------------|----------|
| 1        | 37-6900  | Cover - Belt                                 | 1        |
| 2        | 66-8060  | Molded Brake Asm.                            | 1        |
| 3        | 3296-59  | Nut - Lock                                   | 1        |
| 4        | 3256-24  | Washer - Flat                                | 1        |
| 5        | 3290-320 | Nut - Push On                                | 1        |
| 6        | 3-4244   | Idler Pulley                                 | 1        |
| 7        | 3296-56  | Nut - Lock                                   | 1        |
| 8        | 53-7570  | Spring - Auger Disengage                     | 1        |
| 9        | 14-7959  | Auger Clutch<br>(Incl. Ref. #2)              | 1        |
| 10       | 323-29   | Screw                                        | 1        |
| 11       | 42-3560  | Bolt - Shoulder                              | 1        |
| 12       |          | Engine                                       | 1        |
| 13       | 94-2572  | Decal - Primer                               | 1        |
| 14       | 63-2450  | Decal - Throttle                             | 1        |
| 15       | 39-3850  | Decal - Choke (Model 38052)                  | 1        |
| *        | 63-2410  | Decal - Choke (Model 38054)                  | 1        |
| 16       | 66-6840  | Decal - Hot Surface Warning<br>(Model 38052) | 1        |

| Ref. No. | Part No. | Description                                  | No. Used |
|----------|----------|----------------------------------------------|----------|
| *        | 94-2576  | Decal - Hot Surface Warning<br>(Model 38054) | 1        |
| 17       | 32144-4  | Screw - Self Tapping                         | 3        |
| 18       | 49-3040  | Tube - Drain                                 | 1        |
| 19       | 281-7    | Plug - Pipe                                  | 1        |
| 20       | 3296-29  | Nut - Lock                                   | 4        |
| 21       | 3256-23  | Washer - Flat                                | 5        |
| 22       | 322-7    | Screw                                        | 4        |
| 23       | 37-8990  | Retainer - Belt                              | 1        |
| 24       | 3255-8   | Washer - Lock Ext. Tooth                     | 1        |
| 25       | 3210-3   | Screw                                        | 1        |
| 26       | 37-9090  | V-Belt - Traction                            | 1        |
| 27       | 37-9080  | V-Belt - Auger                               | 1        |
| 28       | 43-7370  | Engine Pulley                                | 1        |
| 29       | 43-7290  | Screw - Special                              | 1        |
| +30      | 127-18   | Guard - Muffler Model 38054)                 | 1        |
| +31      | 32-251-1 | Washer (Model 38054)                         | 2        |
| +32      | 36-180   | Washer - Lock (Model 38054)                  | 2        |
| +33      | 42-671   | Screw (Model 38054)                          | 2        |

\*Not Illustrated

+Order From Tecumseh

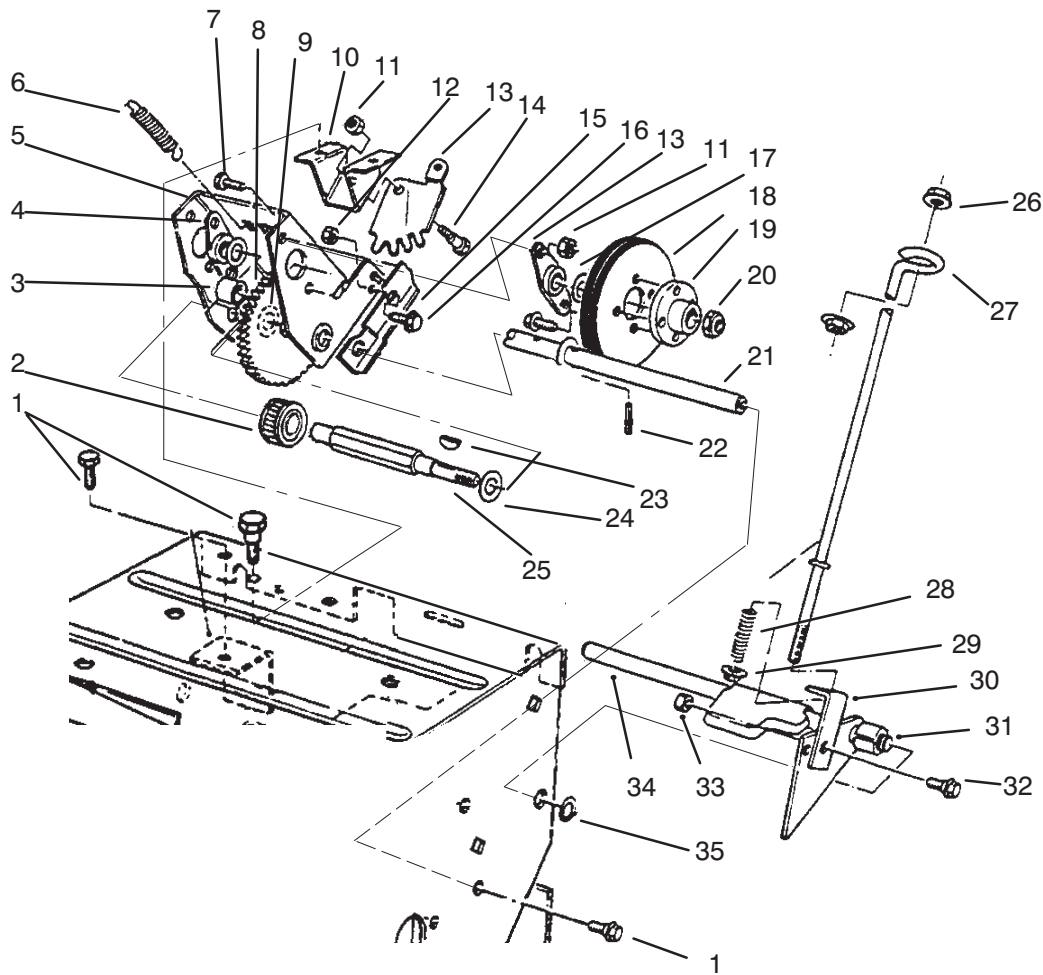


C-2371

## TRACTION ASSEMBLY

| Ref. No. | Part No.  | Description                | No. Used |
|----------|-----------|----------------------------|----------|
| 1        | 88-0850   | Pulley & Shaft             | 1        |
| 2        | 32151-103 | Ring - Snap                | 1        |
| 3        | 252-80    | Washer - Thrust            | 1        |
| 4        | 12-3270   | Screw - Tapping            | 8        |
| 5        | 88-0550   | Frame - Friction Plate     | 1        |
| 6        | 256-322   | Bushing                    | 1        |
| 7        | 66-6790   | Mount - Clutch Rod Front   | 1        |
| 8        | 32144-70  | Screw - Self Tap. Hex. Hd. | 5        |
| 9        | 88-0560   | Hub - Frame                | 1        |
| 10       | 38-7820   | Bearing                    | 1        |
| 11       | 37-9070   | Mount - Clutch Rod Rear    | 1        |
| 12       | 37-8900   | Frame - Traction           | 1        |
| 13       | 38-0800   | Plate - Friction           | 1        |
| 14       | 37-8770   | Bolt - Shoulder            | 3        |

| Ref. No. | Part No. | Description                   | No. Used |
|----------|----------|-------------------------------|----------|
| 15       | 3296-29  | Nut - Lock                    | 6        |
| 16       | 32144-4  | Screw - Self Tap. Hex. Hd.    | 6        |
| 17       | 37-6830  | Cover - Bottom                | 1        |
| 18       | 231-120  | Tire                          | 2        |
| 19       | 3290-243 | Pin - Klik                    | 2        |
| 20       | 241-131  | Rim                           | 2        |
| 21       | 232-46   | Tube                          | 2        |
| 22       | 74-1350  | Shaft - Axle                  | 1        |
| 23       | 37-6850  | Bearing - Axle                | 2        |
| 24       | 32121-31 | Pin - Roll                    | 2        |
| 25       | 37-8870  | Spring - Friction Plate Frame | 1        |
| 26       | 322-2    | Screw - Hex. Hd.              | 4        |
| 27       | 37-6520  | Gear - Axle                   | 1        |
| 28       | 3-8664   | Washer - Thrust               | 2        |



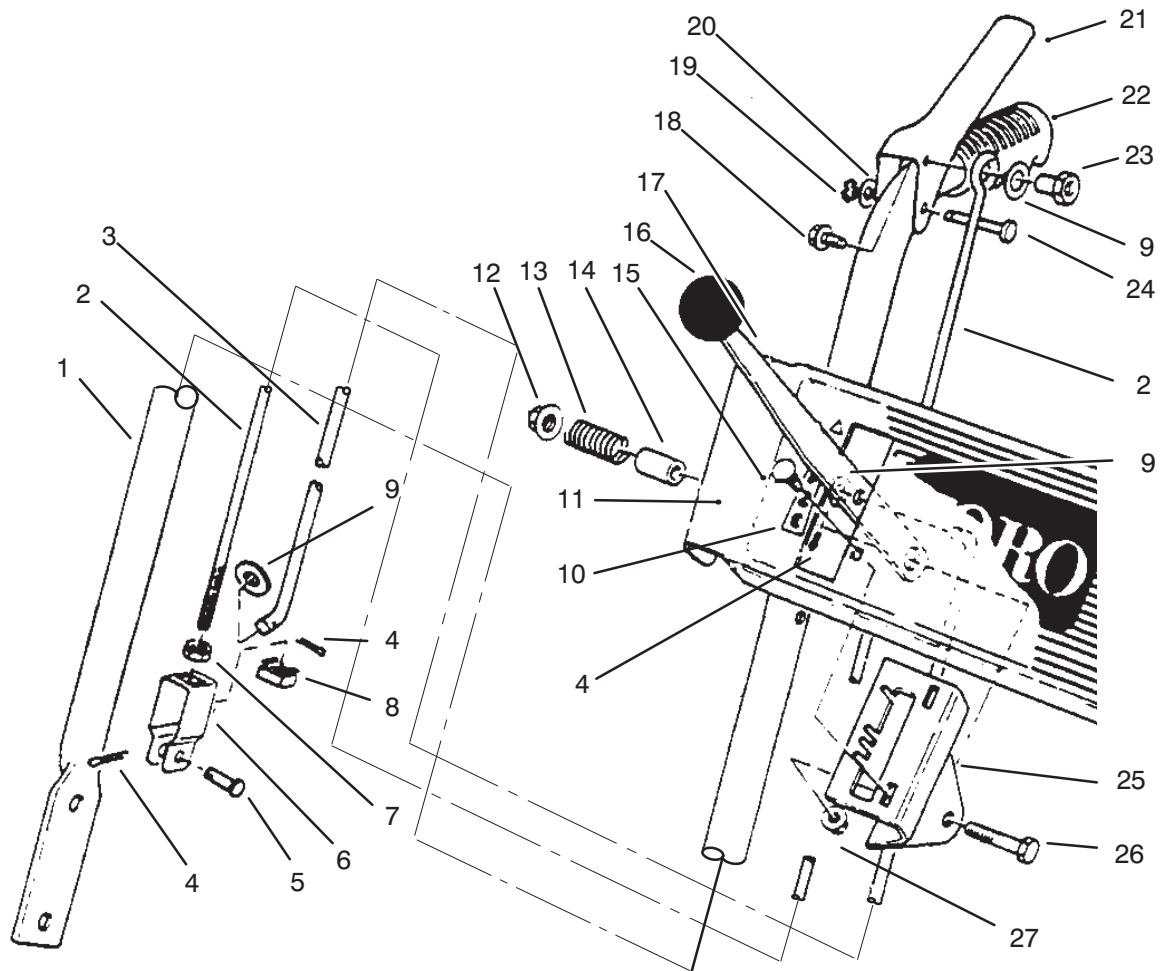
C-2372

## TRACTION ASSEMBLY (Continued)

| Ref. No. | Part No. | Description                                 | No. Used |
|----------|----------|---------------------------------------------|----------|
| 1        | 32144-70 | Screw - Self Tap. Hex. Hd.                  | 4        |
| 2        | 37-6500  | Gear - Sliding                              | 1        |
| 3        | 256-86   | Bushing                                     | 1        |
| 4        | 20-1620  | Bearing - Friction Wheel                    | 2        |
| 5        | 39-1230  | Bracket - Sliding                           | 1        |
| 6        | 37-8880  | Spring - Traction Engage                    | 1        |
| 7        | 322-2    | Screw - Hex. Hd.                            | 4        |
| 8        | 37-9160  | Intermediate Gear & Bushing (Incl. Ref. #4) | 1        |
| 9        | 10-9280  | Washer - Thrust                             | 2        |
| 10       | 37-8790  | Mount - Quadrant Gear                       | 1        |
| 11       | 3296-29  | Nut - Lock                                  | 1        |
| 12       | 3296-16  | Nut - Lock                                  | 1        |
| 13       | 37-8800  | Quadrant - Gear                             | 1        |
| 14       | 37-8770  | Bolt - Shoulder                             | 3        |
| 15       | 39-1250  | Cam - Receiver                              | 1        |
| 16       | 321-4    | Screw - Hex. Hd.                            | 1        |
| 17       | 36-4790  | Washer - Thrust                             | 2        |

| Ref. No. | Part No. | Description                | No. Used |
|----------|----------|----------------------------|----------|
| 18       | 37-6570  | Wheel - Friction           | 1        |
| 19       | 39-1520  | Hub - Friction Wheel Mount | 1        |
| 20       | 3296-48  | Nut - Lock                 | 1        |
| 21       | 37-6760  | Shaft - Pivot              | 1        |
| 22       | 32121-45 | Pin - Roll                 | 2        |
| 23       | 3257-24  | Key                        | 1        |
| 24       | 5-7570   | Washer - Thrust            | 2        |
| 25       | 37-6780  | Shaft - Hex                | 1        |
| 26       | 32128-33 | Nut - Flange               | 2        |
| 27       | 39-3060  | Rod - Lower Traction       | 1        |
| 28       | 38-4520  | Spring - Compression       | 1        |
| 29       | 32128-32 | Nut - Flange               | 1        |
| 30       | 38-4490  | Bracket - Traction         | 1        |
| 31       | 40-9680  | Spacer                     | 1        |
| 32       | 40-8350  | Screw - Shoulder           | 1        |
| 33       | 3296-42  | Nut - Lock                 | 1        |
| 34       | 43-7310  | Traction Engagement Asm.   | 1        |
| 35       | 32151-61 | Ring - Retaining           | 1        |





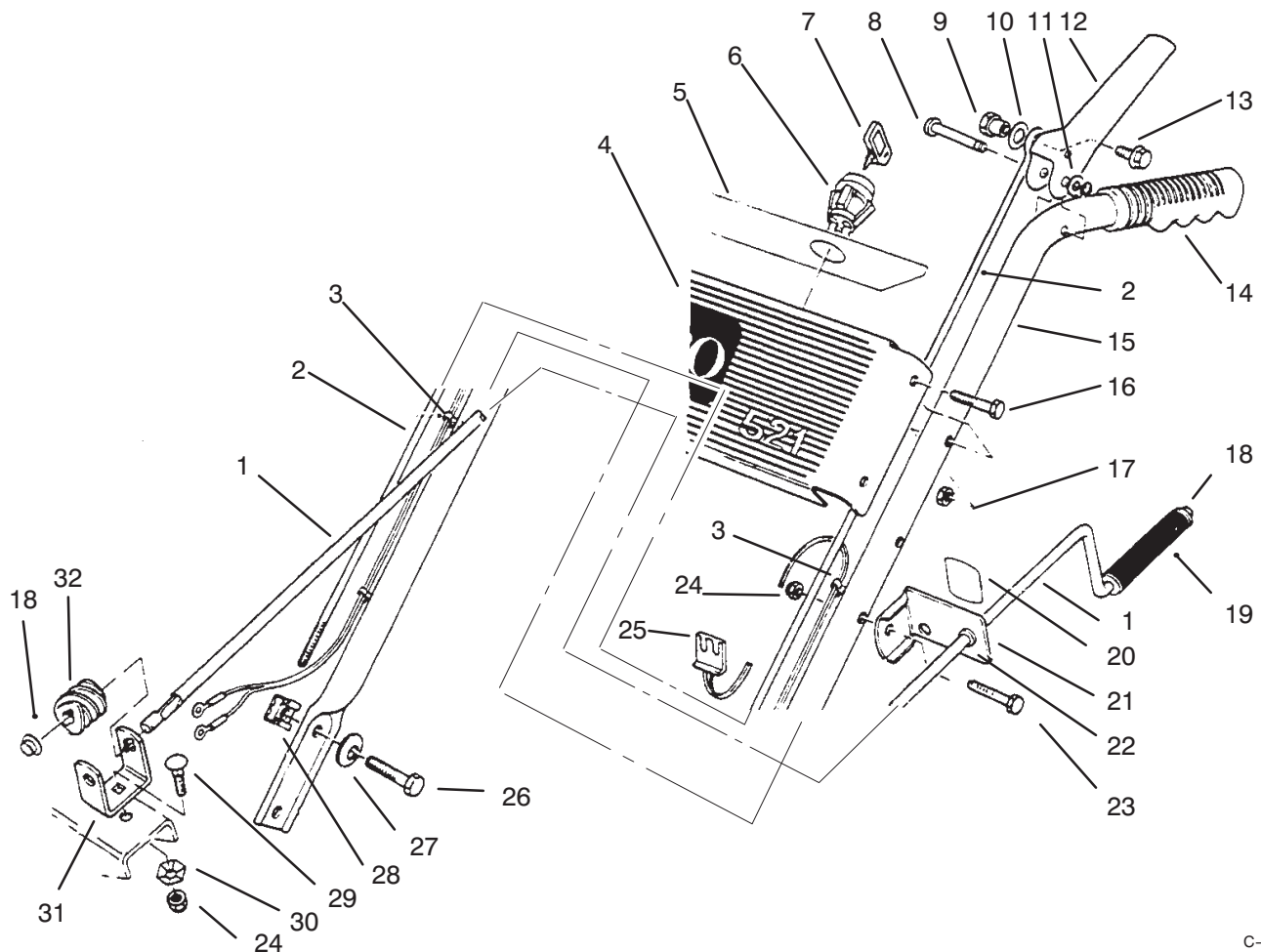
C-2373

## HANDLE ASSEMBLY RIGHT SIDE

| Ref. No. | Part No. | Description                  | No. Used |
|----------|----------|------------------------------|----------|
| 1        | 52-5561  | Handle - Right (Model 38052) | 1        |
| *        | 52-5560  | Handle - Right (Model 38054) | 1        |
| 2        | 52-5590  | Link - Upper                 | 1        |
| 3        | 39-7570  | Rod - Speed Selector         | 1        |
| 4        | 3272-4   | Pin - Cotter                 | 3        |
| 5        | 283-3    | Pin - Clevis                 | 1        |
| 6        | 39-3080  | Clevis                       | 1        |
| 7        | 3218-1   | Nut - Jam                    | 1        |
| 8        | 32115-5  | Retainer - Nut               | 1        |
| 9        | 3256-23  | Washer                       | 4        |
| 10       | 43-7360  | Panel - Escutcheon           | 1        |
| 11       | 66-6560  | Decal - 521                  | 1        |
| 12       | 32128-13 | Nut - Flange Lock            | 1        |
| 13       | 37-9150  | Spring                       | 1        |

| Ref. No. | Part No. | Description             | No. Used |
|----------|----------|-------------------------|----------|
| 14       | 40-8130  | Spacer - Speed Selector | 1        |
| 15       | 3229-11  | Bolt - Carriage         | 2        |
| 16       | 233-21   | Knob                    | 1        |
| 17       | 37-8820  | Selector - Speed        | 1        |
| 18       | 3234-13  | Screw - Hex. Flange Hd. | 1        |
| 19       | 32151-73 | Ring - Clip             | 1        |
| 20       | 3256-24  | Washer                  | 1        |
| 21       | 63-3640  | Handle - Control        | 1        |
| 22       | 74-1360  | Grip - Handle           | 1        |
| 23       | 47-4990  | Post - Linkage Mounting | 1        |
| 24       | 52-5600  | Pin - Control Lever     | 1        |
| 25       | 39-1280  | Mount - Speed Selector  | 1        |
| 26       | 322-7    | Screw                   | 1        |
| 27       | 32128-33 | Nut - Flange Lock       | 2        |
| *        | 3290-378 | Cable Tie               | 1        |

\*Not Illustrated



C-2374

## HANDLE ASSEMBLY LEFT SIDE

| Ref. No. | Part No.  | Description                           | No. Used |
|----------|-----------|---------------------------------------|----------|
| 1        | 40-8270   | Rod - Chute Control                   | 1        |
| 2        | 52-5590   | Link - Upper                          | 1        |
| 3        | 17-9120   | Mount - Wire                          | 3        |
| 4        | Reference | Panel - Escutcheon                    |          |
| 5        | 66-6830   | Decal - Escutcheon Back (Model 38052) | 1        |
| *        | 94-2563   | Decal - Escutcheon Back (Model 38054) | 1        |
| 6        | 40-5940   | Switch - On/Off                       | 1        |
| 7        | 63-8360   | Key - Ignition                        | 1        |
| 8        | 52-5600   | Pin - Control Lever                   | 1        |
| 9        | 47-4990   | Post - Linkage Mounting               | 1        |
| 10       | 3256-24   | Washer                                | 1        |
| 12       | 63-3640   | Handle - Control                      | 1        |
| 13       | 3234-13   | Screw - Hex. Flange Hd.               | 1        |
| 14       | 74-1360   | Grip - Handle                         | 1        |
| 15       | 52-5571   | Handle - Left (Model 38052)           | 1        |
| *        | 52-5570   | Handle - Left (Model 38054)           | 1        |
| 16       | 321-9     | Screw - Hex. Head                     | 2        |

| Ref. No. | Part No. | Description                                   | No. Used |
|----------|----------|-----------------------------------------------|----------|
| 17       | 3296-42  | Nut - Lock                                    | 2        |
| 18       | 3290-320 | Nut - Push                                    | 2        |
| 19       | 40-8230  | Grip - Rod                                    | 1        |
| 20       | 63-3510  | Decal - Chute Direction                       | 1        |
| 21       | 12-7739  | Bracket - Chute Control (Incl. Ref.# 20 & 22) | 1        |
| 22       | 256-249  | Nyliner                                       | 1        |
| 23       | 322-7    | Screw - Hex. Hd.                              | 1        |
| 24       | 3296-29  | Nut - Lock                                    | 2        |
| 25       | 43-7390  | Wire Harness Asm. (Incl. Ref.# 3)             | 1        |
| 26       | 322-2    | Screw - Hex. Hd.                              | 4        |
| 27       | 3290-456 | Washer - Belleville                           | 4        |
| 28       | 3290-196 | Retainer - Nut                                | 4        |
| 29       | 3230-22  | Bolt - Carriage                               | 1        |
| 30       | 3290-238 | Washer - Pyramidal                            | 1        |
| 31       | 40-8280  | Bracket - Chute Worm                          | 1        |
| 32       | 40-8250  | Gear - Worm                                   | 1        |
| *        | 3290-378 | Cable Tie                                     | 1        |

\*Not Illustrated





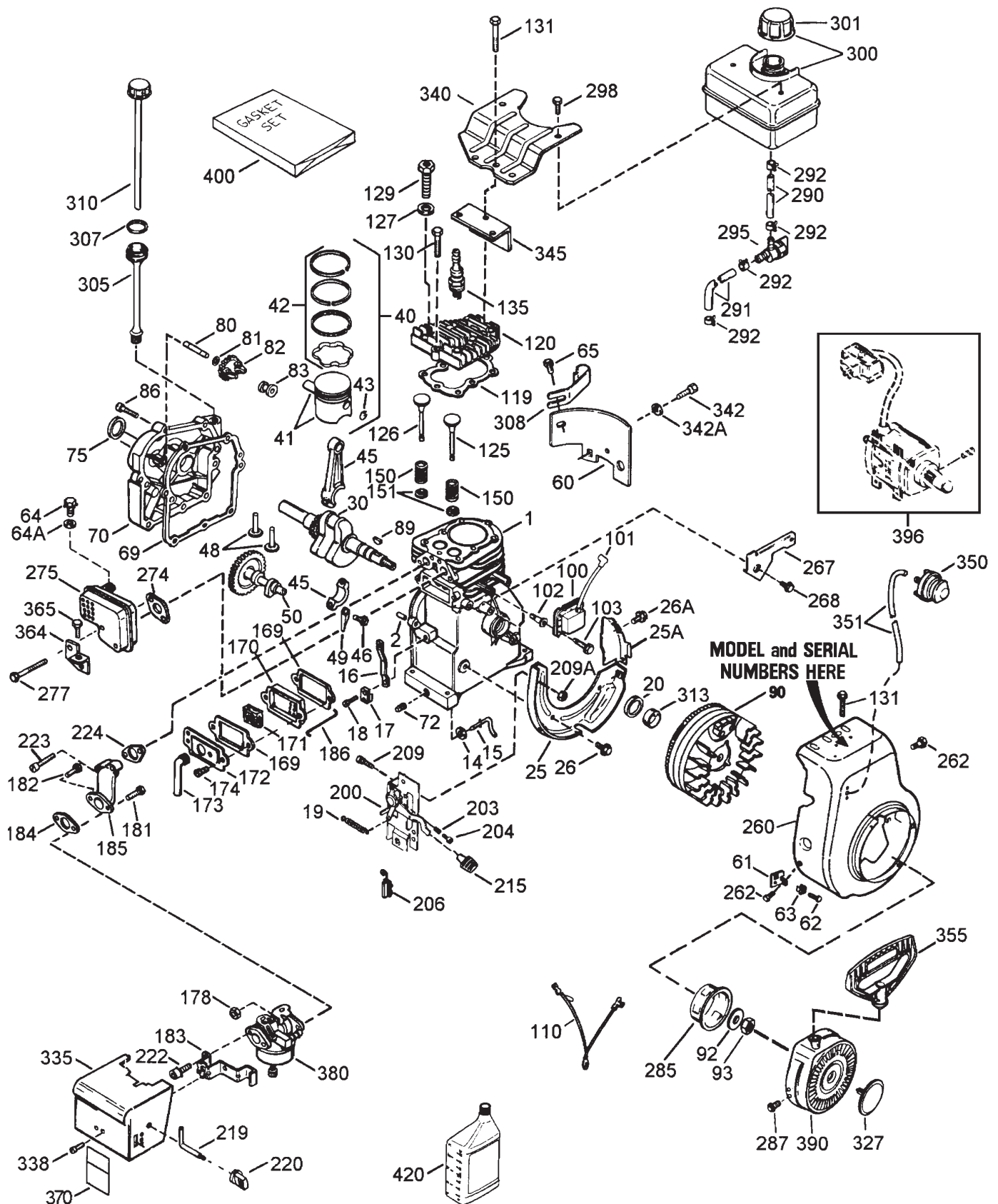
# ENGINE TECUMSEH MODEL HSSK50–67259P

| Ref. No. | Part No. | Description                                                 | No. Used |
|----------|----------|-------------------------------------------------------------|----------|
| 1        | 36469A   | Cylinder Assembly<br>(Incl. Ref. #2, 20, 72 & 125)          | 1        |
| 2        | 26727    | Pin – Dowel                                                 | 2        |
| 14       | 28277    | Washer – Flat                                               | 1        |
| 15       | 31334    | Rod – Governor                                              | 1        |
| 16       | 31510    | Lever – Governor                                            | 1        |
| 17       | 31335    | Clamp – Governor Lever                                      | 1        |
| 18       | 650548   | Screw – Hex Washer Hd.                                      | 1        |
| 19       | 31426    | Spring – Extension                                          | 1        |
| 20       | 32600    | Seal – Oil                                                  | 1        |
| 25       | 366552   | Baffle – Blower Housing                                     | 1        |
| 25A      | 35883    | Extension – Baffle                                          | 1        |
| 26       | 650802   | Screw – Hex Washer Hd.                                      | 2        |
| 26A      | 650926   | Screw                                                       | 1        |
| 30       | 34740    | Crankshaft Assembly                                         | 1        |
| 40       | 36073    | Piston – Pin & Ring Asm..<br>Standard                       | 1        |
|          | 36074    | Piston – Pin & Ring Asm..<br>.010" oversize                 | 1        |
|          | 36075    | Piston – Pin & Ring Asm..<br>.020" oversize                 | 1        |
| 41       | 36070    | Piston & Pin Asm..<br>Standard (Incl. Ref. #43)             | 1        |
|          | 36071    | Piston & Pin Assembly<br>.010" oversize<br>(Incl. Ref. #43) | 1        |
|          | 36072    | Piston & Pin Assembly<br>.020" oversize<br>(Incl. Ref. #43) | 1        |
| 42       | 36076    | Ring Set – Piston Std.                                      | 1        |
|          | 36077    | Ring Set – Piston<br>.010" oversize                         | 1        |
|          | 36078    | Ring Set – Piston<br>.020" oversize                         | 1        |
| 43       | 20381    | Ring – Piston Pin Retaining                                 | 2        |
| 45       | 32875    | Connecting Rod Assembly<br>(Incl. Ref. #46 & 49)            | 1        |
| 46       | 32610A   | Bolt – Connecting Rod                                       | 2        |
| 48       | 27241    | Lifter – Valve                                              | 2        |
| 49       | 32654    | Dipper – Oil                                                | 1        |
| 50       | 33158    | Camshaft                                                    | 1        |
| 60       | 29745    | Extension – Blower                                          | 1        |
| 61       | 34126    | Bracket – Grommet Mtg.                                      | 1        |
| 62       | 650760   | Screw – Pan Hd.                                             | 1        |
| 63       | 28545    | Grommet – Plastic                                           | 1        |
| 64       | 30063    | Screw – Hex Washer Hd.                                      | 1        |
| 64A      | 8345     | Washer – Flat                                               | 1        |
| 65       | 650128   | Screw – Hex Hd.                                             | 1        |
| 69       | *27677A  | Gasket – Cylinder Cover                                     | 1        |
| 70       | 34674C   | Cover – Cylinder<br>(Incl. Ref. #75 & 80)                   | 1        |
| 72       | 27642    | Plug – Pipe                                                 | 2        |
| 75       | 27897    | Seal – Oil                                                  | 1        |
| 80       | 30574A   | Shaft – Governor                                            | 1        |
| 81       | 30590A   | Washer – Flat                                               | 1        |
| 82       | 30591    | Gear – Governor<br>(Incl. Ref. #81)                         | 1        |

| Ref. No. | Part No. | Description                                                     | No. Used |
|----------|----------|-----------------------------------------------------------------|----------|
| 83       | 30588A   | Spool – Governor                                                | 1        |
| 86       | 650488   | Screw – Hex Hd.                                                 | 7        |
| 89       | 610961   | Key – Flywheel                                                  | 1        |
| 90       | 611199   | Flywheel – w/Ring Gear                                          | 1        |
| 92       | 650815   | Washer – Belleville                                             | 1        |
| 93       | 650863   | Nut – Flywheel                                                  | 1        |
| 100      | 34443A   | Solid State Assembly                                            | 1        |
| 101      | 610118   | Cover – Spark Plug                                              | 1        |
| 102      | 650872   | Stud                                                            | 2        |
| 103      | 651007   | Screw – Torx                                                    | 2        |
| 110      | 35557    | Wire – Ground                                                   | 1        |
| 119      | *36443   | Gasket – Cylinder Head                                          | 1        |
| 120      | 36441    | Head – Cylinder<br>(Incl. Ref. #131)                            | 1        |
| 125      | 36471    | Valve – Exhaust Standard<br>(Incl. Ref. #151)                   | 1        |
|          | 36472    | Valve – Exhaust 1/32"<br>oversize (Incl. Ref. #151)             | 1        |
| 126      | 32644A   | Valve – Intake Standard<br>(Incl. Ref. #151)                    | 1        |
|          | 32645A   | Valve – Intake 1/32"<br>oversize (Incl. Ref. #151)              | 1        |
| 127      | 650691   | Washer – Flat                                                   | 1        |
| 129      | 650818   | Screw – Special                                                 | 1        |
| 130      | 6021A    | Screw – Hex Flange Hd.                                          | 2        |
| 131      | 650694A  | Screw – Hex Flange Hd.                                          | 5        |
| 135      | 35395    | Plug – Spark (Champion<br>RJ–19LM or equivalent)                | 1        |
| 150      | 31672    | Spring – Valve                                                  | 2        |
| 151      | 31673    | Cap – Valve Spring                                              | 2        |
| 169      | *27234A  | Gasket – Valve Cover                                            | 2        |
| 170      | 27666    | Body – Valve Cover                                              | 1        |
| 171      | 31410    | Element – Valve Body                                            | 1        |
| 172      | 34146    | Cover – Breather                                                | 1        |
| 173      | 35350    | Tube – Breather                                                 | 1        |
| 174      | 30200    | Screw – Hex Hd.                                                 | 2        |
| 178      | 29752    | Nut & Lockwasher                                                | 2        |
| 181      | 650870   | Screw – Hex Hd.                                                 | 1        |
| 182      | 6201     | Screw – Hex Hd.                                                 | 1        |
| 183      | 34583    | Bracket – Choke                                                 | 1        |
| 184      | *26756   | Gasket – Carburetor                                             | 1        |
| 185      | 33691    | Pipe – Intake                                                   | 1        |
| 186      | 32698    | Link – Governor to Throttle                                     | 1        |
| 200      | 36677    | Control Assembly<br>(Incl. Ref. # 203, 204, 206,<br>209 & 209A) | 1        |
| 203      | 31342    | Spring – Compression                                            | 1        |
| 204      | 650549   | Screw – Fil. Hd.                                                | 1        |
| 206      | 610973   | Terminal Assembly                                               | 1        |
| 209      | 650139   | Screw                                                           | 2        |
| 209A     | 30322    | Lock Nut                                                        | 2        |
| 215      | 35440    | Knob – Speed Control                                            | 1        |
| 219      | 34582    | Rod – Choke                                                     | 1        |
| 220      | 35438    | Knob – Choke Control                                            | 1        |
| 222      | 28820    | Screw – Fil. Hd.                                                | 2        |
| 223      | 650664   | Screw – Fil Hd.                                                 | 2        |
| 224      | *33673A  | Gasket – Intake                                                 | 1        |

\* Indicated Parts included in Gasket Set Ref.#400

# ENGINE TECUMSEH MODEL HSSK50-67259P

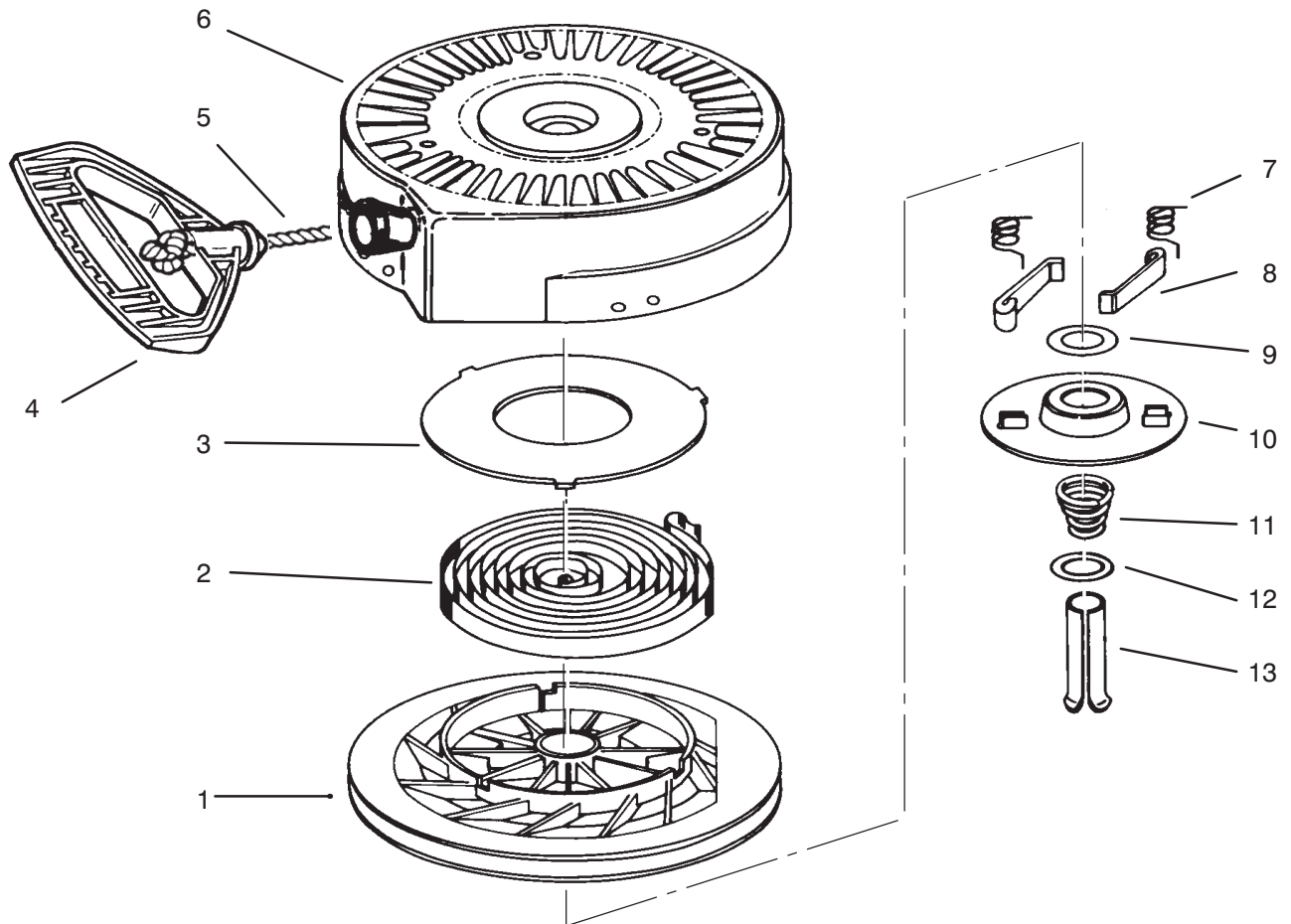


# ENGINE TECUMSEH MODEL HSSK50–67259P (Cont.)

| Ref. No. | Part No. | Description                                  | No. Used |
|----------|----------|----------------------------------------------|----------|
| 260      | 35656A   | Housing – Blower                             | 1        |
| 262      | 650737   | Screw – Hex Hd.                              | 2        |
| 267      | 34212    | Bracket – Hold Down                          | 1        |
| 268      | 30200    | Screw – Hex Washers Hd.                      | 1        |
| 272      | 650735   | Screw – Hex Hd.                              | 1        |
| 274      | *33670A  | Gasket – Exhaust                             | 1        |
| 275      | 35771    | Muffler (Incl. Ref.# 274)                    | 1        |
| 277      | 650327   | Screw – Fil. Hd.                             | 2        |
| 285      | 36476A   | Cup – Starter                                | 1        |
| 287      | 650926   | Screw – Hex Washer Hd.                       | 2        |
| 290      | 29774    | Line – Fuel                                  | 1        |
| 291      | 30705    | Line – Fuel                                  | 1        |
| 292      | 26460    | Clamp – Fuel Line                            | 4        |
| 295      | 35857    | Valve – Shut–Off                             | 1        |
| 298      | 650665   | Screw – Hex Washer Hd.                       | 2        |
| 300      | 35584    | Tank Assembly – Fuel (Incl. Ref. #292 & 301) | 1        |
| 301      | 36246    | Cap – Fuel Tank                              | 1        |
| 305      | 35554    | Tube Asm.. – Oil Fill                        | 1        |
| 307      | 35499    | "O" Ring                                     | 1        |
| 308      | 35539    | Clip – Oil Fill                              | 1        |
| 310      | 35556    | Dipstick                                     | 1        |
| 313      | 34080    | Spacer – Flywheel Key                        | 1        |
| 327      | 35392    | Plug – Starter                               | 1        |
| 335      | 35072    | Cover – Carburetor                           | 1        |
| 338      | 650257   | Screw – Pan Hd.                              | 2        |

| Ref. No. | Part No. | Description                                                                                                                                                                   | No. Used |
|----------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 340      | 36247    | Plate – Fuel Tank                                                                                                                                                             | 1        |
| 342      | 30063    | Screw w/Belleville Washer                                                                                                                                                     | 1        |
| 342A     | 650675   | Washer – Flat                                                                                                                                                                 | 1        |
| 345      | 33344    | Baffle – Heat                                                                                                                                                                 | 1        |
| 350      | 570682   | Primer Assembly                                                                                                                                                               | 1        |
| 351      | 32180C   | Line – Primer                                                                                                                                                                 | 1        |
| 355      | 590574   | Handle – Starter                                                                                                                                                              | 1        |
| 364      | 33333    | Carburetor Cover Bracket                                                                                                                                                      | 1        |
| 365      | 650735   | Screw                                                                                                                                                                         | 1        |
| 370      | 36261    | Decal – Lubrication                                                                                                                                                           | 1        |
| 380      | 632107A  | Carburetor (Incl. Ref. #184)                                                                                                                                                  | 1        |
| 390      | 590707   | Starter – Rewind                                                                                                                                                              |          |
|          |          | (NOTE: This engine could have been built with a starter. Refer to the design of the air intake louvers for part identification. Individual starter parts do not interchange.) | 1        |
| 396      | 33290D   | Electric Starter Kit (Optional)                                                                                                                                               | 1        |
| 400      | 36444    | Gasket Set                                                                                                                                                                    | 1        |
| 420      | 730226   | Oil – 4 Cycle SAE 5W30 (Quart)                                                                                                                                                | 1        |

\* Indicated Parts included in Gasket Set Ref.#400

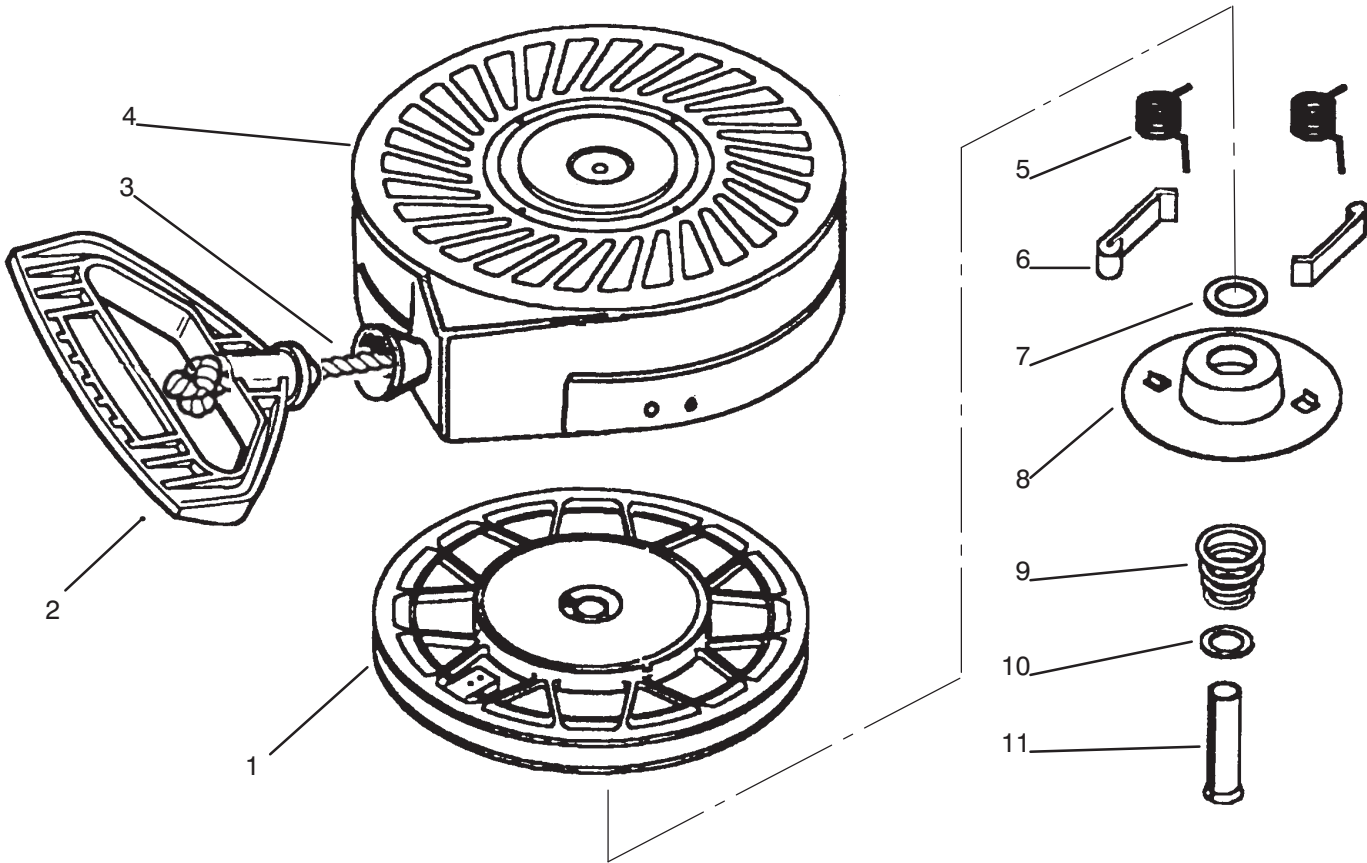


## REWIND STARTER NO. 590646

| Ref. No. | Part No. | Description                  | No. Used |
|----------|----------|------------------------------|----------|
| 1        | 590645A  | Pulley                       | 1        |
| 2        | 590619   | Spring — Rewind              | 1        |
| 3        | 590620   | Cover — Spring               | 1        |
| 4        | 590574   | Handle — Mitten Grip         |          |
| 5        | 590535   | Rope — 9/64" dia. x 98" long | 1        |
| 6        | 590647   | Housing Assembly             | 1        |
| 7        | 590617   | Spring — Dog                 | 2        |
| 8        | 590616   | Dog — Starter                | 2        |

| Ref. No. | Part No. | Description                                     | No. Used |
|----------|----------|-------------------------------------------------|----------|
| 9        | 590598   | Spring — Brake                                  | 1        |
| 10       | 590601   | Washer                                          | 1        |
| 11       | 590615   | Retainer                                        | 1        |
| 12       | 590600   | Washer                                          | 1        |
| 13       | 590599A  | Pin — Spring (Incl. Ref. #4)                    | 1        |
| *        | 590646   | (Not included with Starter)<br>Starter — Rewind | 1        |

\* Not Illustrated



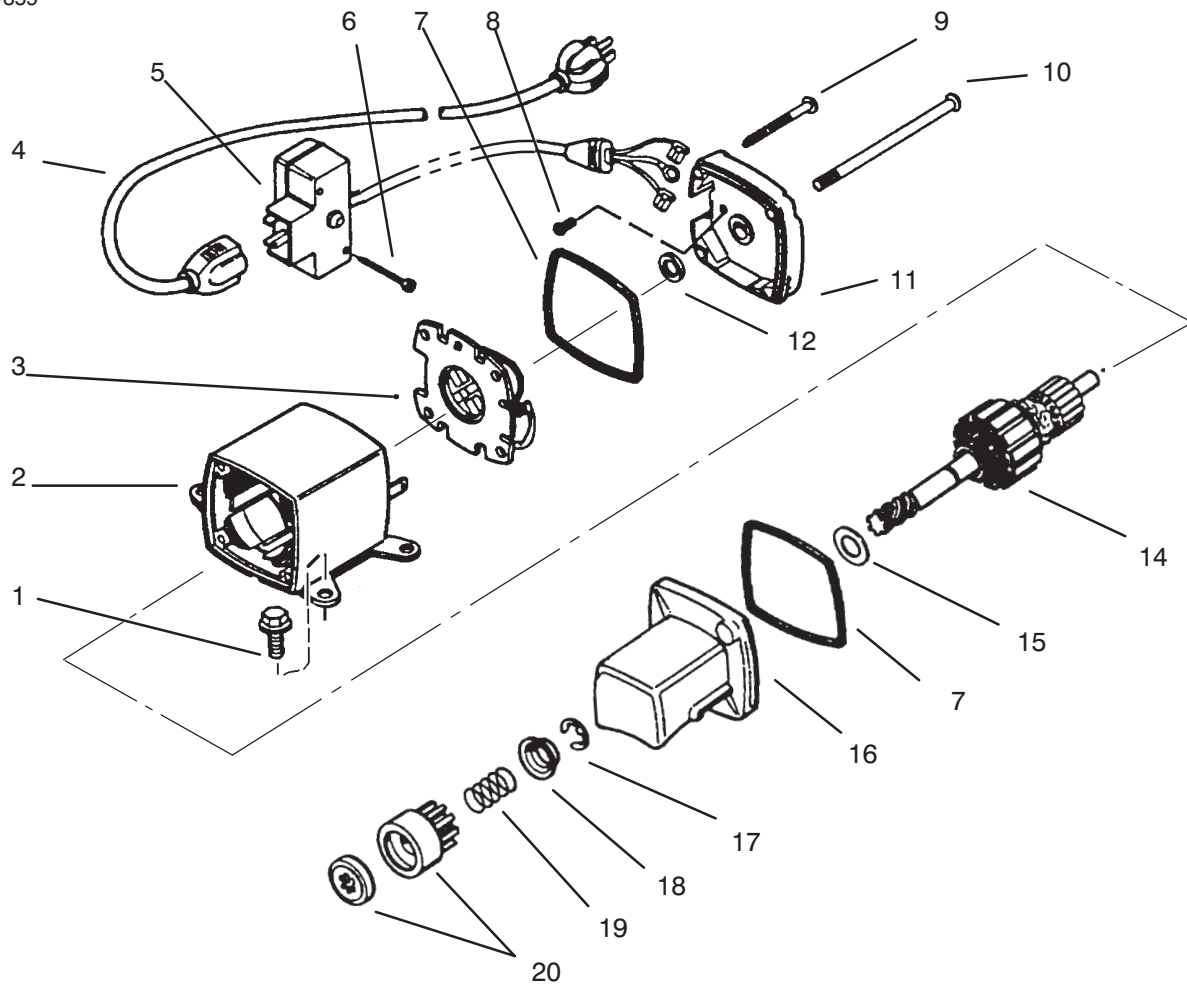
# **REWIND STARTER NO. 590707**

| Ref. No. | Part No. | Description                                         | No. Used |
|----------|----------|-----------------------------------------------------|----------|
| 1        | 590709   | Pulley                                              | 1        |
| 2        | 590574   | Handle — Mitten Grip<br>(Not included with Starter) | 1        |
| 3        | 590535   | Rope — 9/64" dia. x 98" long                        | 1        |
| 4        | 590708   | Housing Assembly                                    | 1        |
| 5        | 590699   | Spring — Dog                                        | 2        |
| 6        | 590698   | Dog — Starter                                       | 2        |

| Ref. No. | Part No. | Description                   | No. Used |
|----------|----------|-------------------------------|----------|
| 7        | 590601   | Washer                        | 1        |
| 8        | 590696   | Retainer                      | 1        |
| 9        | 590697   | Spring — Brake                | 1        |
| 10       | 590600   | Washer                        | 1        |
| 11       | 590599A  | Pin — Spring (Incl. Ref. # 7) | 1        |
| *        | 590707   | Starter — Rewind              | 1        |

\* Not Illustrated



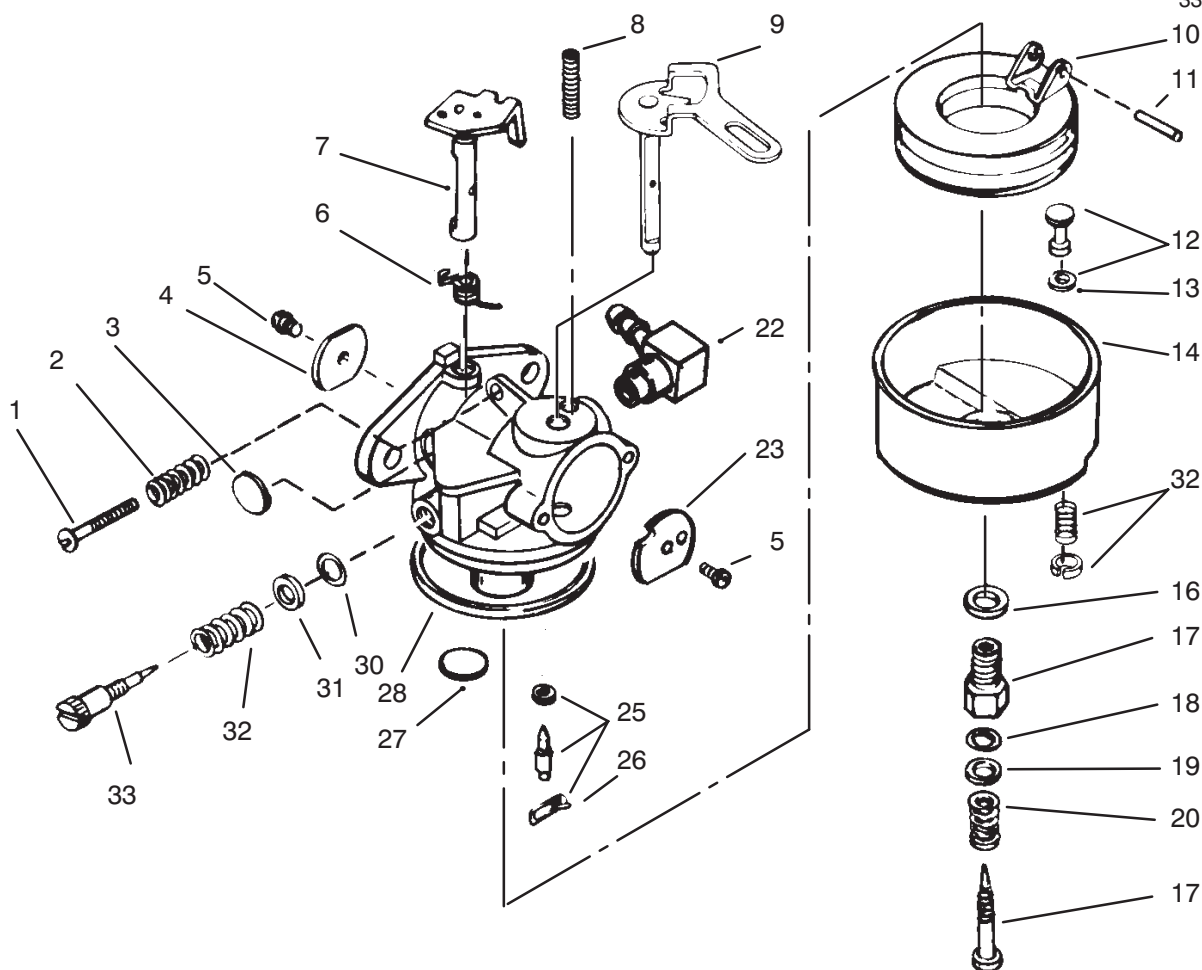


## STARTER MOTOR NO. 33290

| Ref. No. | Part No. | Description                                 | No. Used |
|----------|----------|---------------------------------------------|----------|
| 1        | 650759   | Screw — Torx                                | 3        |
| 2        | 34559A   | Housing Asm                                 | 1        |
| 3        | 35452A   | Brush & Spring Card Asm                     | 1        |
| 4        | 32450B   | Cord — Extension                            | 1        |
| 5        | 35454    | Switch Box Asm                              | 1        |
| 6        | 650819   | Screw                                       | 2        |
| 7        | 35450    | "O'Ring                                     | 2        |
| 8        | 33441    | Screw — Ground                              | 1        |
| 9        | 35456    | Screw — Ground                              | 1        |
| 10       | 35462    | Bolt — Case                                 | 2        |
| 11       | 35453    | Cap — Commutator End Asm<br>(Incl. Ref. #7) | 1        |

| Ref. No. | Part No. | Description                         | No. Used |
|----------|----------|-------------------------------------|----------|
| 12       | 590500   | Washer — Thrust                     | 1        |
| 14       | 35912    | Armature                            | 1        |
| 15       | 35911    | Washer — Thrust                     | 1        |
| 16       | 35461    | Cap — Drive End<br>(Incl. Ref. # 7) | 1        |
| 17       | 31749    | Ring — Retainer                     | 1        |
| 18       | 33522    | Retainer — Spring                   | 1        |
| 19       | 33769    | Spring — Anti Drift                 | 1        |
| 20       | 33534    | Nut & Gear                          | 1        |
| *        | 33290D   | Starter — Electric (110 Volt)       | 1        |

\* Not Illustrated



## CARBURETOR NO. 632107A

| Ref. No. | Part No. | Description                               | No. Used |
|----------|----------|-------------------------------------------|----------|
| 1        | 650417   | Screw – Idle                              | 1        |
| 2        | 630766   | Spring – Idle Screw                       | 1        |
| 3        | 630748†  | Plug – Welch                              | 1        |
| 4        | 631036   | Shutter – Throttle                        | 1        |
| 5        | 650506   | Screw                                     | 2        |
| 6        | 631767   | Spring – Throttle Return                  | 1        |
| 7        | 631615   | Shaft & Lever Assembly                    | 1        |
| 8        | 630735   | Spring – Choke Stop                       | 1        |
| 9        | 632108   | Shaft & Lever Asm.                        | 1        |
| 10       | 632019   | Float – Carburetor                        | 1        |
| 11       | 631024†  | Shaft – Float                             | 1        |
| 12       | 27136A   | Drain Assembly – Bowl<br>(Incl. Ref. #13) | 1        |
| 13       | 27554    | Gasket – Drain Plunger                    | 1        |
| 14       | 631951   | Bowl – Assembly<br>(Incl. Ref. #12 & 13)  | 1        |
| 16       | 27110†   | Washer – Bowl Nut                         | 1        |
| 17       | 31839†   | Screw Adjustment Assembly                 |          |

| Ref. No. | Part No. | Description                                    | No. Used |
|----------|----------|------------------------------------------------|----------|
|          |          | (Incl. Ref. #16–20)                            | 1        |
| 18       | 630740†  | ”O” Ring                                       | 1        |
| 19       | 630739   | Washer – Flat                                  | 1        |
| 20       | 630738   | Spring                                         | 1        |
| 22       | 631807   | Fitting – Fuel Inlet                           | 1        |
| 23       | 631815   | Shutter – Choke                                | 1        |
| 25       | 631021†  | Inlet Needle – Seat & Clip<br>(Incl. Ref. #26) | 1        |
| 26       | 631022   | Clip – Inlet Needle                            | 1        |
| 27       | 631027†  | Plug – Welch                                   | 1        |
| 29       | 631028†  | Gasket                                         | 1        |
| 30       | 630740†  | ”O” Ring                                       | 1        |
| 31       | 630739   | Washer – Flat                                  | 1        |
| 33       | 631838†  | Screw – Idle                                   | 1        |
| 32       | 630766   | Spring – Idle Tension                          | 1        |
| *        | 31840    | Repair Kit (Incl. Items Marked †)              | 1        |
| *        | 632107A  | Carburetor (Incl. Ref. #1–32)                  | 1        |

\* Not Illustrated

# TORO PART NUMBER INDEX

| Part No.  | Description                 | Pg. Ref.<br>No. No. Qty. | Part No. | Description                 | Pg. Ref.<br>No. No. Qty. |
|-----------|-----------------------------|--------------------------|----------|-----------------------------|--------------------------|
| 3-0737    | Washer                      | 1 14 1                   | 39-1230  | Bracket - Sliding           | 5 5 1                    |
| 3-4244    | Idler Pulley                | 3 6 1                    | 39-1250  | Cam - Receiver              | 5 15 1                   |
| 3-8664    | Washer                      | 2 47 1                   | 39-1280  | Mount - Speed Selector      | 6 25 1                   |
| 3-8664    | Washer - Thrust             | 4 28 2                   | 39-1520  | Hub - Friction Wheel Mount  | 5 19 1                   |
| 5-1550    | Washer - Thrust             | 2 34 4                   | 39-1551  | Blade - Scraper             | 2 36 1                   |
| 5-7170    | Gear - Worm                 | 2 46 1                   | 39-3060  | Rod - Lower Traction        | 5 27 1                   |
| 5-7180    | Gear                        | 2 43 1                   | 39-3080  | Clevis                      | 6 6 1                    |
| 5-7570    | Washer - Thrust             | 5 24 2                   | 39-3850  | Decal - Choke               | 3 15 1                   |
| 7-0045    | Seal - Oil                  | 2 54 2                   | 39-7570  | Rod - Speed Selector        | 6 3 1                    |
| 10-9280   | Washer - Thrust             | 5 9 2                    | 40-5940  | Switch - On/Off             | 7 6 1                    |
| 12-3270   | Screw - Tapping             | 4 4 8                    | 40-8130  | Spacer - Speed Selector     | 6 14 1                   |
| 12-7739   | Bracket - Chute Control     | 7 21 1                   | 40-8160  | Skid                        | 2 31 2                   |
| 12-8789   | Bearing Asm.                | 2 * 1                    | 40-8230  | Grip - Rod                  | 7 19 1                   |
| 14-2449   | Gear Case R.H.              | 2 52 1                   | 40-8250  | Gear - Worm                 | 7 32 1                   |
| 14-2459   | Gear Case L.H.              | 2 40 1                   | 40-8270  | Rod - Chute Control         | 7 1 1                    |
| 14-7959   | Auger Clutch                | 3 9 1                    | 40-8280  | Bracket - Chute Worm        | 7 31 1                   |
| 17-9120   | Mount - Wire                | 7 3 3                    | 40-8350  | Screw - Shoulder            | 5 32 1                   |
| Reference | Panel - Escutcheon          | 7 4                      | 40-9680  | Spacer                      | 5 31 1                   |
| 20-1620   | Bearing - Friction Wheel    | 5 4 2                    | 42-671   | Screw (                     | 3+33 2                   |
| 20-4320   | Washer - Rubber             | 1 13 2                   | 42-3560  | Bolt - Shoulder             | 3 11 1                   |
| 27-0220   | Screw - Self Tapping        | 2 28 6                   | 43-7290  | Screw - Special             | 3 29 1                   |
| 32-251-1  | Washer                      | 3+31 2                   | 43-7310  | Traction Engagement Asm.    | 5 34 1                   |
| 36-180    | Washer - Lock               | 3+32 2                   | 43-7360  | Panel - Escutcheon          | 6 10 1                   |
| 36-4790   | Washer - Thrust             | 5 17 2                   | 43-7370  | Engine Pulley               | 3 28 1                   |
| 37-6490   | Retainer - Chute Ring       | 2 25 3                   | 43-7390  | Wire Harness Asm.           | 7 25 1                   |
| 37-6500   | Gear - Sliding              | 5 2 1                    | 47-4990  | Post - Linkage Mounting     | 7 9 1                    |
| 37-6520   | Gear - Axle                 | 4 27 1                   | 47-4990  | Post - Linkage Mounting     | 6 23 1                   |
| 37-6550   | Bearing - Auger             | 2 35 2                   | 49-3040  | Tube - Drain                | 3 18 1                   |
| 37-6560   | Bushing - Input             | 2 57 1                   | 51-0460  | Gasket                      | 2 51 1                   |
| 37-6570   | Wheel - Friction            | 5 18 1                   | 52-5560  | Handle - Right              | 6 * 1                    |
| 37-6760   | Shaft - Pivot               | 5 21 1                   | 52-5561  | Handle - Right              | 6 1 1                    |
| 37-6780   | Shaft - Hex                 | 5 25 1                   | 52-5570  | Handle - Left               | 7 * 1                    |
| 37-6800   | Shaft - Auger               | 2 55 1                   | 52-5571  | Handle - Left               | 7 15 1                   |
| 37-6830   | Cover - Bottom              | 4 17 1                   | 52-5590  | Link - Upper                | 6 2 1                    |
| 37-6850   | Bearing - Axle              | 4 23 2                   | 52-5590  | Link - Upper                | 7 2 1                    |
| 37-6890   | Pulley                      | 1 16 1                   | 52-5600  | Pin - Control Lever         | 7 8 1                    |
| 37-6900   | Cover - Belt                | 3 1 1                    | 52-5600  | Pin - Control Lever         | 6 24 1                   |
| 37-6960   | Gear Case Asm.              | 2 * 1                    | 53-7570  | Spring - Auger Disengage    | 3 8 1                    |
| 37-6990   | Shaft & Impeller            | 1 4 1                    | 53-7660  | Decal - Discharge           | 1 22 1                   |
| 37-8770   | Bolt - Shoulder             | 4 14 3                   | 53-7670  | Decal - Auger Warning       | 1 3 1                    |
| 37-8770   | Bolt - Shoulder             | 5 14 3                   | 55-8950  | Plate - Friction            | 1 12 2                   |
| 37-8790   | Mount - Quadrant Gear       | 5 10 1                   | 56-2670  | Chute - Wire                | 1 20 1                   |
| 37-8800   | Quadrant - Gear             | 5 13 1                   | 56-2680  | Deflector                   | 1 18 1                   |
| 37-8820   | Selector - Speed            | 6 17 1                   | 56-2693  | Chute - Discharge           | 1 21 1                   |
| 37-8870   | Spring - Friction Plate     | 4 25 1                   | 56-6292  | Chute - Discharge           | 1 * 1                    |
| 37-8880   | Spring - Traction Engage    | 5 6 1                    | 63-2410  | Decal - Choke               | 3 * 1                    |
| 37-8900   | Frame - Traction            | 4 12 1                   | 63-2450  | Decal - Throttle            | 3 14 1                   |
| 37-8941   | Ring - Chute                | 2 30 1                   | 63-3450  | Bearing - Ball              | 1 7 1                    |
| 37-8990   | Retainer - Belt             | 3 23 1                   | 63-3510  | Decal - Chute Direction     | 7 20 1                   |
| 37-9070   | Mount - Clutch Rod Rear     | 4 11 1                   | 63-3640  | Handle - Control            | 7 12 1                   |
| 37-9080   | V-Belt - Auger              | 3 27 1                   | 63-3640  | Handle - Control            | 6 21 1                   |
| 37-9090   | V-Belt - Traction           | 3 26 1                   | 63-8360  | Key - Ignition              | 7 7 1                    |
| 37-9150   | Spring                      | 6 13 1                   | 66-6560  | Decal - 521                 | 6 11 1                   |
| 37-9160   | Intermediate Gear & Bushing | 5 8 1                    | 66-6790  | Mount - Clutch Rod Front    | 4 7 1                    |
| 38-0800   | Plate - Friction            | 4 13 1                   | 66-6830  | Decal - Escutcheon Back     | 7 5 1                    |
| 38-4490   | Bracket - Traction          | 5 30 1                   | 66-6840  | Decal - Hot Surface Warning | 3 16 1                   |
| 38-4520   | Spring - Compression        | 5 28 1                   | 66-8060  | Molded Brake Asm.           | 3 2 1                    |
| 38-7820   | Bearing                     | 4 10 1                   | 74-1350  | Shaft - Axle                | 4 22 1                   |
| 39-1180   | Auger - R.H.                | 1 2 1                    | 74-1360  | Grip - Handle               | 7 14 1                   |
| 39-1190   | Auger - L.H.                | 1 * 1                    | 74-1360  | Grip - Handle               | 6 22 1                   |

\*Not Illustrated

# TORO PART NUMBER INDEX (Cont.)

3317-859

| Part No. | Description                 | Pg. Ref.<br>No. No. Qty. | Part No.  | Description                | Pg. Ref.<br>No. No. Qty. |
|----------|-----------------------------|--------------------------|-----------|----------------------------|--------------------------|
| 88-0550  | Frame - Friction Plate      | 4 5 1                    | 3256-23   | Washer - Flat              | 3 21 5                   |
| 88-0560  | Hub - Frame                 | 4 9 1                    | 3256-24   | Washer                     | 7 10 1                   |
| 88-0850  | Pulley & Shaft              | 4 1 1                    | 3256-24   | Washer                     | 6 20 1                   |
| 94-2558  | Decal - Discharge           | 1 * 1                    | 3256-24   | Washer - Flat              | 3 4 1                    |
| 94-2563  | Decal - Escutcheon Back     | 7 * 1                    | 3256-68   | Washer - Flat              | 1 11 2                   |
| 94-2568  | Decal - Auger Warning       | 1 * 1                    | 3257-23   | Key                        | 1 15 1                   |
| 94-2572  | Decal - Primer              | 3 13 1                   | 3257-23   | Key - Woodruff             | 2 59 1                   |
| 94-2576  | Decal - Hot Surface Warning | 3 * 1                    | 3257-24   | Key                        | 5 23 1                   |
| 94-2783  | Housing-Auger               | 1 1 1                    | 3257-33   | Key - Woodruff             | 2 39 1                   |
| 94-2784  | Housing-Auger               | 1 1 1                    | 3272-4    | Pin - Cotter               | 6 4 3                    |
| 127-18   | Guard - Muffler             | 3+30 1                   | 3290-196  | Retainer - Nut             | 4 7 28                   |
| 231-120  | Tire                        | 4 18 2                   | 3290-238  | Washer - Pyramidal         | 7 30 1                   |
| 232-46   | Tube                        | 4 21 2                   | 3290-243  | Pin - Klik                 | 4 19 2                   |
| 233-21   | Knob                        | 6 16 1                   | 3290-320  | Nut - Push                 | 7 18 2                   |
| 237-87   | Seal                        | 2 58 1                   | 3290-320  | Nut - Push On              | 3 5 1                    |
| 241-131  | Rim                         | 4 20 2                   | 3290-326  | Pushnut                    | 2 29 1                   |
| 252-71   | Bearing - Thrust            | 2 42 2                   | 3290-340  | Washer - Belleville        | 1 10 2                   |
| 252-76   | Bearing - Needle, Thrust    | 2 45 1                   | 3290-378  | Cable Tie                  | 6 * 1                    |
| 252-80   | Washer - Thrust             | 4 3 1                    | 3290-378  | Cable Tie                  | 7 * 1                    |
| 252-80   | Washer - Thrust             | 2 50 1                   | 3290-456  | Washer - Belleville        | 7 27 4                   |
| 256-32   | Bushing                     | 2 49 1                   | 3296-16   | Nut - Lock                 | 5 12 1                   |
| 256-86   | Bushing                     | 5 3 1                    | 3296-29   | Nut - Lock                 | 5 11 1                   |
| 256-237  | Bushing                     | 2 53 2                   | 3296-29   | Nut - Lock                 | 4 15 6                   |
| 256-249  | Nyliner                     | 7 22 1                   | 3296-29   | Nut - Lock                 | 3 20 4                   |
| 256-322  | Bushing                     | 4 6 1                    | 3296-29   | Nut - Lock                 | 7 24 2                   |
| 257-3    | Washer - Thrust             | 2 44 1                   | 3296-29   | Nut - Lock                 | 1 9 13                   |
| 281-1    | Pipe - Plug                 | 2 41 1                   | 3296-42   | Nut - Lock                 | 7 17 2                   |
| 281-7    | Plug - Pipe                 | 3 19 1                   | 3296-42   | Nut - Lock                 | 5 33 1                   |
| 283-3    | Pin - Clevis                | 6 5 1                    | 3296-42   | Nut - Lock                 | 2 37 2                   |
| 321-4    | Screw - Hex. Hd.            | 5 16 1                   | 3296-48   | Nut - Lock                 | 5 20 1                   |
| 321-9    | Screw - Hex. Head           | 7 16 2                   | 3296-56   | Nut - Lock                 | 3 7 1                    |
| 321-10   | Screw                       | 2 38 2                   | 3296-59   | Nut - Lock                 | 3 3 1                    |
| 322-2    | Screw - Hex. Hd.            | 5 7 4                    | 32115-5   | Retainer - Nut             | 6 8 1                    |
| 322-2    | Screw - Hex. Hd.            | 4 26 4                   | 32120-72  | Ring - Retaining           | 2 48 1                   |
| 322-2    | Screw - Hex. Hd.            | 7 26 4                   | 32121-31  | Pin - Roll                 | 4 24 2                   |
| 322-7    | Screw                       | 6 26 1                   | 32121-45  | Pin - Roll                 | 5 22 2                   |
| 322-7    | Screw                       | 3 22 4                   | 32128-13  | Nut - Flange Lock          | 6 12 1                   |
| 322-7    | Screw - Hex. Hd.            | 7 23 1                   | 32128-20  | Nut - Flange               | 2 32 4                   |
| 323-29   | Screw                       | 3 10 1                   | 32128-32  | Nut - Flange               | 5 29 1                   |
| 3210-3   | Screw                       | 3 25 1                   | 32128-33  | Nut - Flange               | 5 26 2                   |
| 3218-1   | Nut - Jam                   | 6 7 1                    | 32128-33  | Nut - Flange Lock          | 6 27 2                   |
| 3229-11  | Bolt - Carriage             | 6 15 2                   | 32144-4   | Screw - Self Tap. Hex. Hd. | 4 16 6                   |
| 3230-1   | Bolt - Carriage             | 2 60 9                   | 32144-4   | Screw - Self Tapping       | 3 17 3                   |
| 3230-18  | Bolt - Carriage             | 1 5 6                    | 32144-41  | Screw - Self Tapping       | 2 56 8                   |
| 3230-22  | Bolt - Carriage             | 1 19 2                   | 32144-70  | Screw - Self Tap. Hex. Hd. | 5 1 4                    |
| 3230-22  | Bolt - Carriage             | 7 29 1                   | 32144-70  | Screw - Self Tap. Hex. Hd. | 4 8 5                    |
| 3234-13  | Screw - Hex. Flange Hd.     | 7 13 1                   | 32144-70  | Screw - Self Tapping       | 2 26 4                   |
| 3234-13  | Screw - Hex. Flange Hd.     | 6 18 1                   | 32151-36  | Ring - Retaining           | 2 33 2                   |
| 3242-4   | Screw - Set                 | 1 17 2                   | 32151-61  | Ring - Retaining           | 5 35 1                   |
| 3255-8   | Washer - Lock Ext. Tooth    | 3 24 1                   | 32151-73  | Ring - Clip                | 6 19 1                   |
| 3256-23  | Washer                      | 6 9 4                    | 32151-103 | Ring - Snap                | 4 2 1                    |
| 3256-23  | Washer                      | 1 23 3                   |           |                            |                          |

\*Not Illustrated

## COUNTRIES OTHER THAN THE UNITED STATES OR CANADA

service or have difficulty obtaining guarantee information, contact the TORO importer. If all other remedies fail, you may contact us at The Toro Company.

## MAINTENANCE RECORD

[illegible]

[illegible]



## MAINTENANCE RECORD

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