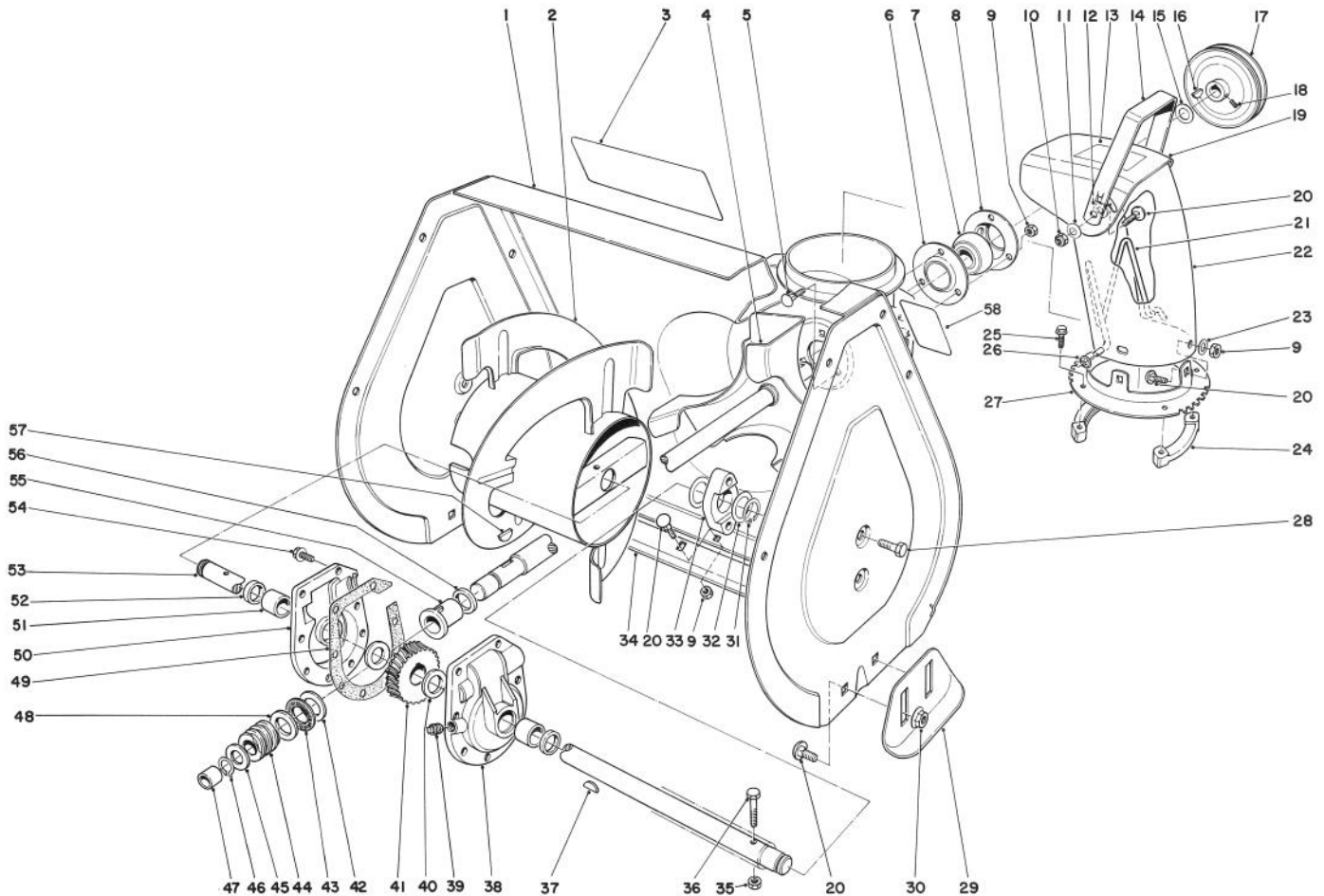


**TORO®**

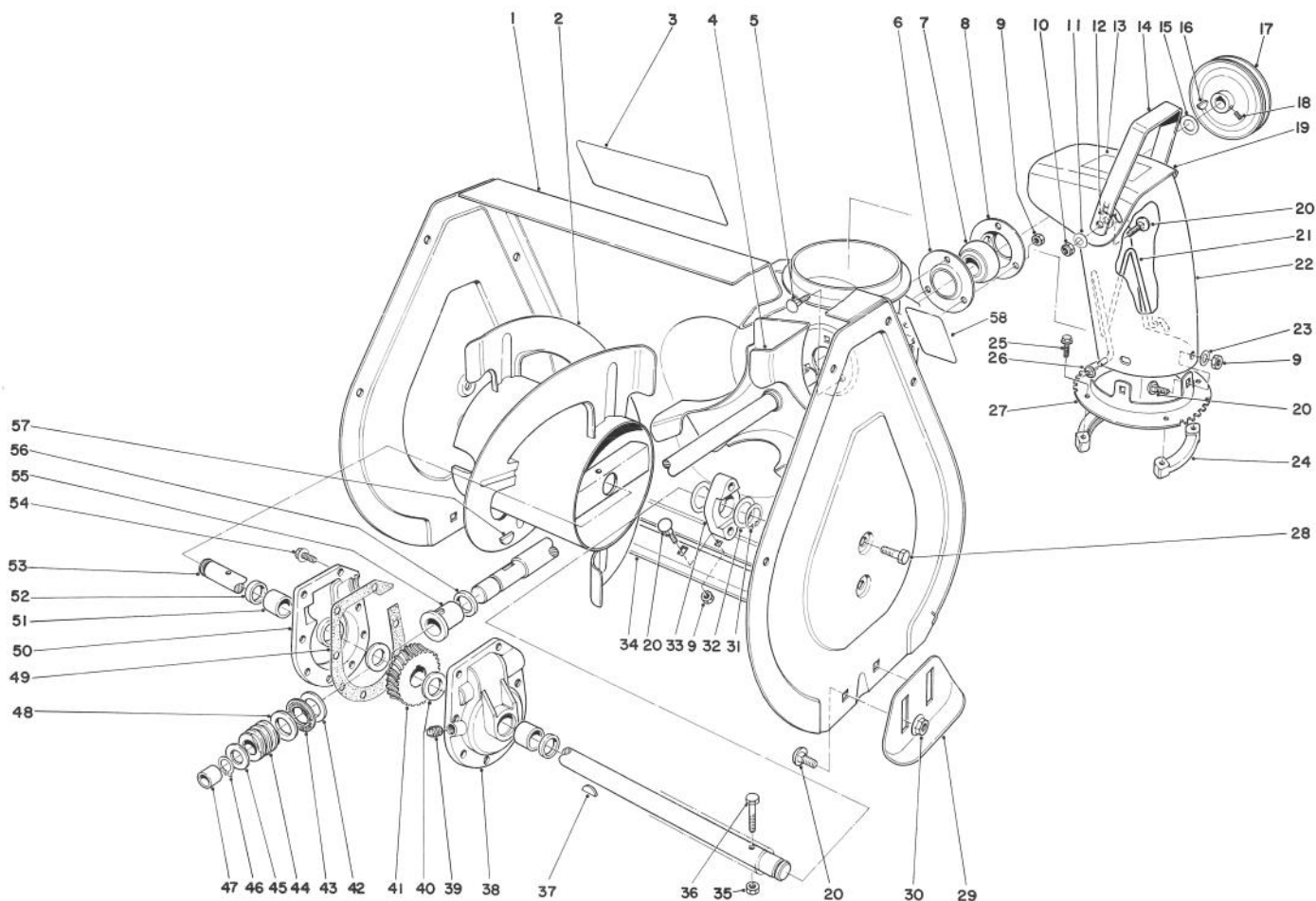
MODEL NO. 38035-7000001 &amp; UP

**PARTS  
CATALOG****3521 SNOWTHROWER****AUGER ASSEMBLY**

| Ref. No. | Part No. | Description              | No. Used |
|----------|----------|--------------------------|----------|
| 1        | 43-7320  | Auger Housing            | 1        |
| 2        | 39-1180  | Auger R.H.               | 1        |
| *        | 39-1190  | Auger L.H.               | 1        |
| 3        | 54-9910  | Decal — Auger Warning    | 1        |
| 4        | 37-6990  | Shaft & Impeller         | 1        |
| 5        | 3230-10  | Carriage Bolt            | 3        |
| 6        | 26-6110  | Flange — Bearing (Front) | 1        |
| 7        | 26-6100  | Ball Bearing             | 1        |
| 8        | 26-6120  | Flange — Bearing (Rear)  | 1        |
| 9        | 3296-29  | Locknut                  | 11       |
| 10       | 32152-1  | Locknut                  | 2        |
| 11       | 3290-340 | Washer Belleville        | 2        |
| 12       | 20-4320  | Washer Rubber            | 2        |
| 13       | 53-7660  | Decal — Discharge        | 1        |
| 14       | 37-8930  | Handle Deflector         | 1        |
| 15       | 3-0737   | Washer                   | 1        |
| 16       | 3257-5   | Key                      | 1        |

| Ref. No. | Part No. | Description               | No. Used |
|----------|----------|---------------------------|----------|
| 17       | 37-6890  | Pulley                    | 1        |
| 18       | 3242-4   | Set Screw                 | 2        |
| 19       | 11-9359  | Deflector (Inc. Ref. #13) | 1        |
| 20       | 3230-1   | Carriage Bolt             | 14       |
| 21       | 53-7590  | Wire — Chute              | 1        |
| 22       | 53-7600  | Chute — Discharge         | 1        |
| 23       | 3256-23  | Washer                    | 3        |
| 24       | 37-6490  | Retainer — Chute Ring     | 3        |
| 25       | 27-0220  | Self Tapping Screw        | 6        |
| 26       | 3290-326 | Push Nut                  | 1        |
| 27       | 37-8940  | Chute Ring                | 1        |
| 28       | 32144-70 | Self Tapping Screw        | 4        |
| 29       | 40-8160  | Skid                      | 2        |
| 30       | 32128-20 | Flange Nut                | 4        |
| 31       | 32151-36 | Snap Ring                 | 2        |
| 32       | 5-1550   | Thrust Washer             | 4        |
| 33       | 37-6550  | Auger Bearing             | 2        |

\*Not Illustrated

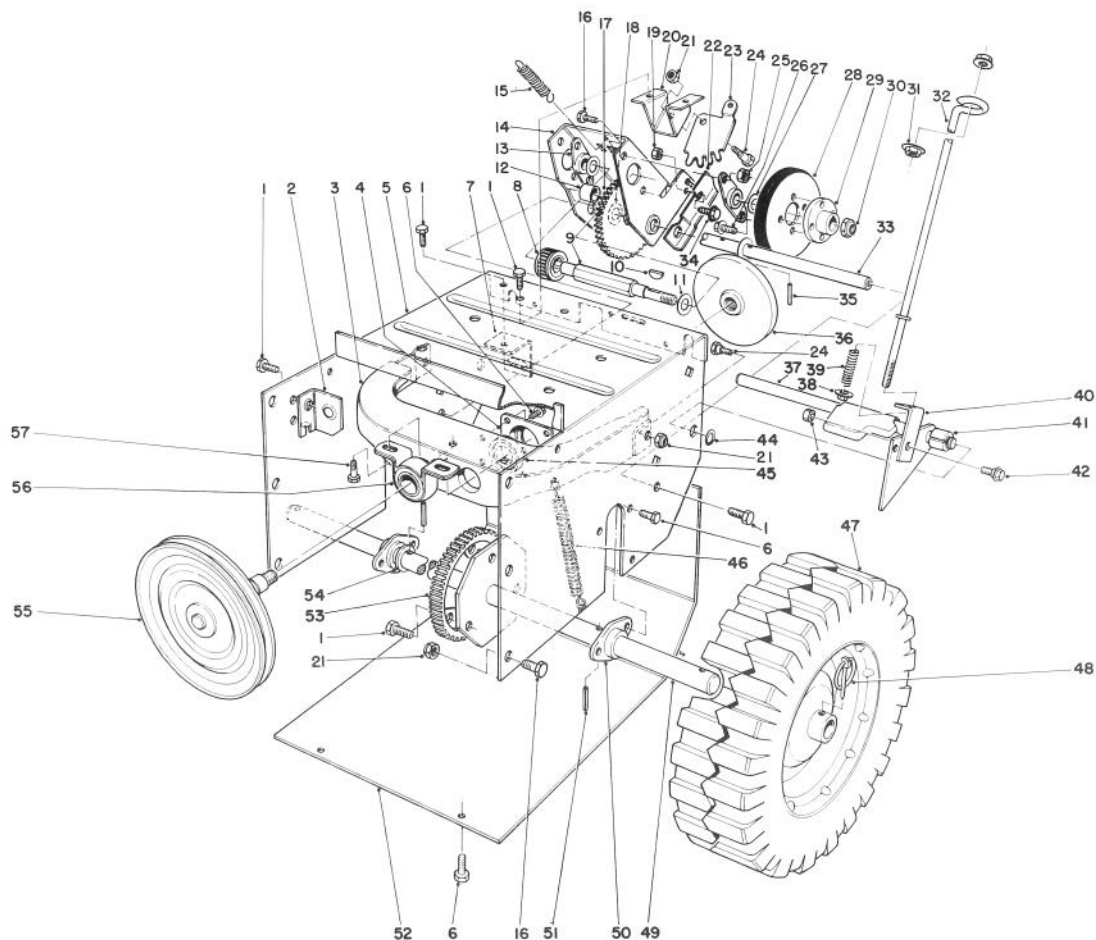


## AUGER ASSEMBLY (Continued)

| Ref. No. | Part No. | Description                             | No. Used |
|----------|----------|-----------------------------------------|----------|
| 34       | 39-1550  | Scraper Blade                           | 1        |
| 35       | 32152-4  | Locknut                                 | 2        |
| 36       | 321-10   | Capscrew                                | 2        |
| 37       | 3257-33  | Woodruff Key                            | 1        |
| 38       | 37-8860  | Gear Case L.H.<br>(Incl. Ref. #51 & 52) | 1        |
| 39       | 281-1    | Pipe Plug                               | 1        |
| 40       | 252-71   | Thrust Bearing                          | 2        |
| 41       | 23-9050  | Gear                                    | 1        |
| 42       | 257-3    | Thrust Washer                           | 1        |
| 43       | 252-76   | Needle Thrust Bearing                   | 1        |
| 44       | 5-7170   | Worm                                    | 1        |
| 45       | 3-8664   | Washer                                  | 1        |
| 46       | 32120-72 | Retaining Ring                          | 1        |

| Ref. No. | Part No. | Description                             | No. Used |
|----------|----------|-----------------------------------------|----------|
| 47       | 256-32   | Bushing                                 | 1        |
| 48       | 252-80   | Thrust Washer                           | 1        |
| 49       | 51-0460  | Gasket                                  | 1        |
| 50       | 37-8850  | Gear Case R.H.<br>(Incl. Ref. #51 & 52) | 1        |
| 51       | 256-237  | Bushing                                 | 2        |
| 52       | 7-0045   | Oil Seal                                | 2        |
| 53       | 37-6800  | Shaft — Auger                           | 1        |
| 54       | 32144-41 | Self Tapping Screw                      | 8        |
| 55       | 37-6560  | Bushing — Input                         | 1        |
| 56       | 237-87   | Seal                                    | 1        |
| 57       | 3257-23  | Key — Woodruff                          | 1        |
| 58       | 53-7670  | Decal — Auger Warning                   | 1        |
| *        | 37-6960  | Gear Case Assy. Complete                | 1        |

\*Not Illustrated

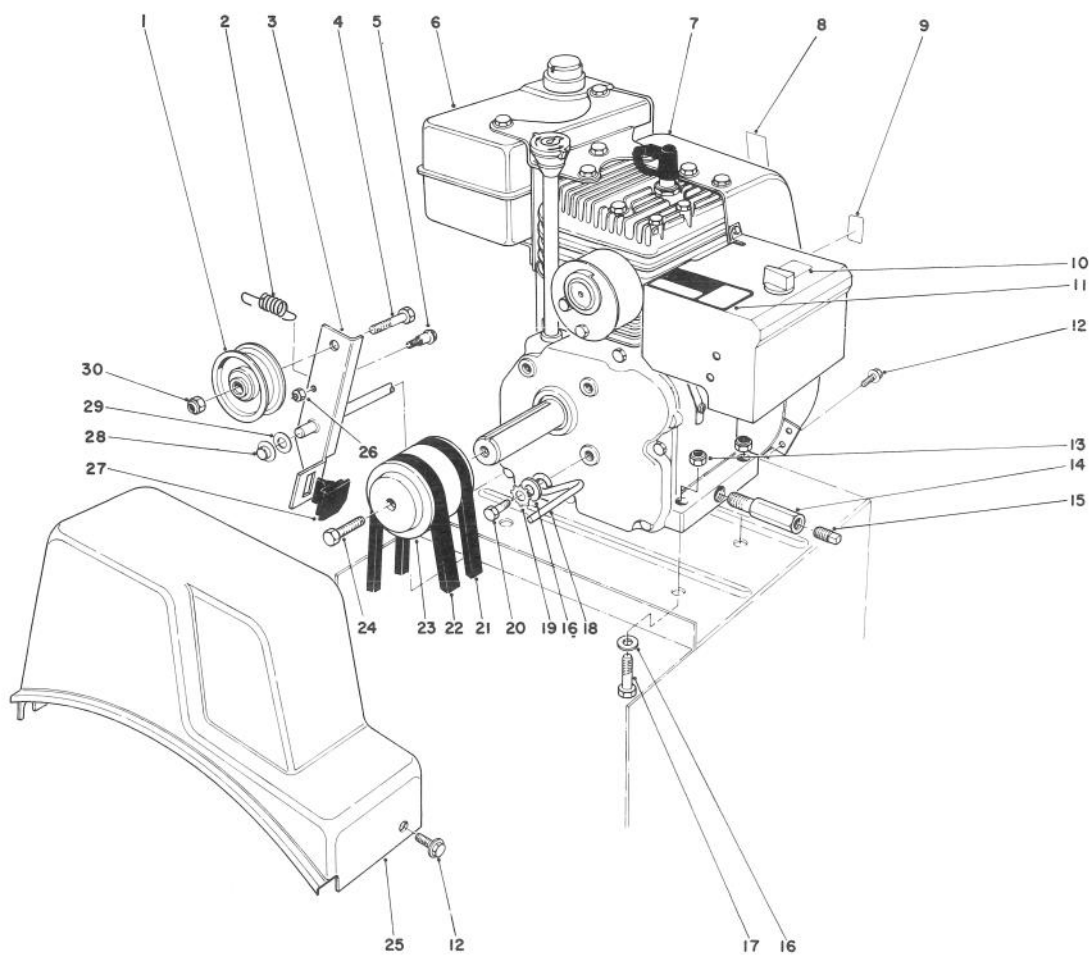


## TRACTION ASSEMBLY

| Ref. No. | Part No. | Description                                  | No. Used |
|----------|----------|----------------------------------------------|----------|
| 1        | 32144-70 | Hex Hd. Self Tap. Screw                      | 9        |
| 2        | 37-9060  | Mount — Clutch Rod Front                     | 1        |
| 3        | 37-6740  | Frame — Friction Plate                       | 1        |
| 4        | 37-6730  | Cup — Bearing                                | 1        |
| 5        | 37-8900  | Frame — Traction                             | 1        |
| 6        | 32144-4  | Hex Hd. Self Tap. Screw                      | 12       |
| 7        | 37-9070  | Mount — Clutch Rod Rear                      | 1        |
| 8        | 37-6500  | Gear — Sliding                               | 1        |
| 9        | 37-6780  | Shaft — Hex                                  | 1        |
| 10       | 3257-24  | Key                                          | 1        |
| 11       | 5-7570   | Washer — Thrust                              | 2        |
| 12       | 256-86   | Bushing                                      | 1        |
| 13       | 20-1620  | Bearing — Friction Wheel                     | 2        |
| 14       | 39-1230  | Bracket — Sliding                            | 1        |
| 15       | 37-8880  | Spring — Traction Engage                     | 1        |
| 16       | 322-2    | Hex Hd. Capscrew                             | 10       |
| 17       | 37-9160  | Intermediate Gear & Bushing (Incl. Ref. #12) | 1        |
| 18       | 10-9280  | Washer — Thrust                              | 2        |
| 19       | 3296-16  | Locknut                                      | 1        |
| 20       | 37-8790  | Mount — Quadrant Gear                        | 1        |
| 21       | 3296-29  | Locknut                                      | 9        |
| 22       | 39-1250  | Cam — Receiver                               | 1        |
| 23       | 37-8800  | Quadrant — Gear                              | 1        |
| 24       | 37-8770  | Shoulder Bolt                                | 3        |
| 25       | 32152-1  | Locknut                                      | 4        |
| 26       | 49-2040  | Hex Hd. Self Tap. Screw                      | 4        |
| 27       | 36-4790  | Washer — Thrust                              | 2        |
| 28       | 37-6570  | Wheel — Friction                             | 1        |
| 29       | 39-1520  | Hub — Friction Wheel Mount                   | 1        |

| Ref. No. | Part No. | Description                   | No. Used |
|----------|----------|-------------------------------|----------|
| 30       | 3296-48  | Locknut                       | 1        |
| 31       | 32128-33 | Flange Locknut                | 2        |
| 32       | 39-3060  | Rod — Lower Traction          | 1        |
| 33       | 37-6760  | Shaft — Pivot                 | 1        |
| 34       | 11-9760  | Hex Hd. Self Tap. Screw       | 1        |
| 35       | 32121-45 | Roll Pin                      | 2        |
| 36       | 38-0800  | Plate — Friction              | 1        |
| 37       | 43-7310  | Traction Engagement Assy.     | 1        |
| 38       | 32128-32 | Flange Locknut                | 1        |
| 39       | 38-4520  | Spring — Compression          | 1        |
| 40       | 38-4490  | Bracket — Traction            | 1        |
| 41       | 40-9680  | Spacer                        | 1        |
| 42       | 40-8350  | Screw — Shoulder              | 1        |
| 43       | 3296-42  | Locknut                       | 1        |
| 44       | 32151-61 | Ring — Retaining              | 1        |
| 45       | 38-7820  | Bearing                       | 1        |
| 46       | 37-8870  | Spring — Friction Plate Frame | 1        |
| 47       | 38-1400  | Wheel Assembly                | 2        |
| 48       | 3290-243 | Pin — Klik                    | 2        |
| 49       | 37-6970  | Shaft — Axle                  | 1        |
| 50       | 37-6850  | Bearing — Axle                | 2        |
| 51       | 32121-31 | Roll Pin                      | 2        |
| 52       | 37-6830  | Cover — Bottom                | 1        |
| 53       | 37-6520  | Gear — Axle                   | 1        |
| 54       | 3-8664   | Washer — Thrust               | 2        |
| 55       | 40-8190  | Pulley & Shaft                | 1        |
| 56       | 38-4470  | Bushing Assembly              | 1        |
| 57       | 32144-11 | Hex Hd. Self Tap. Screw       | 2        |
| *        | 37-7010  | Tire Chain Kit (Optional)     | 1        |
| *        |          | Loose Parts                   | 1        |

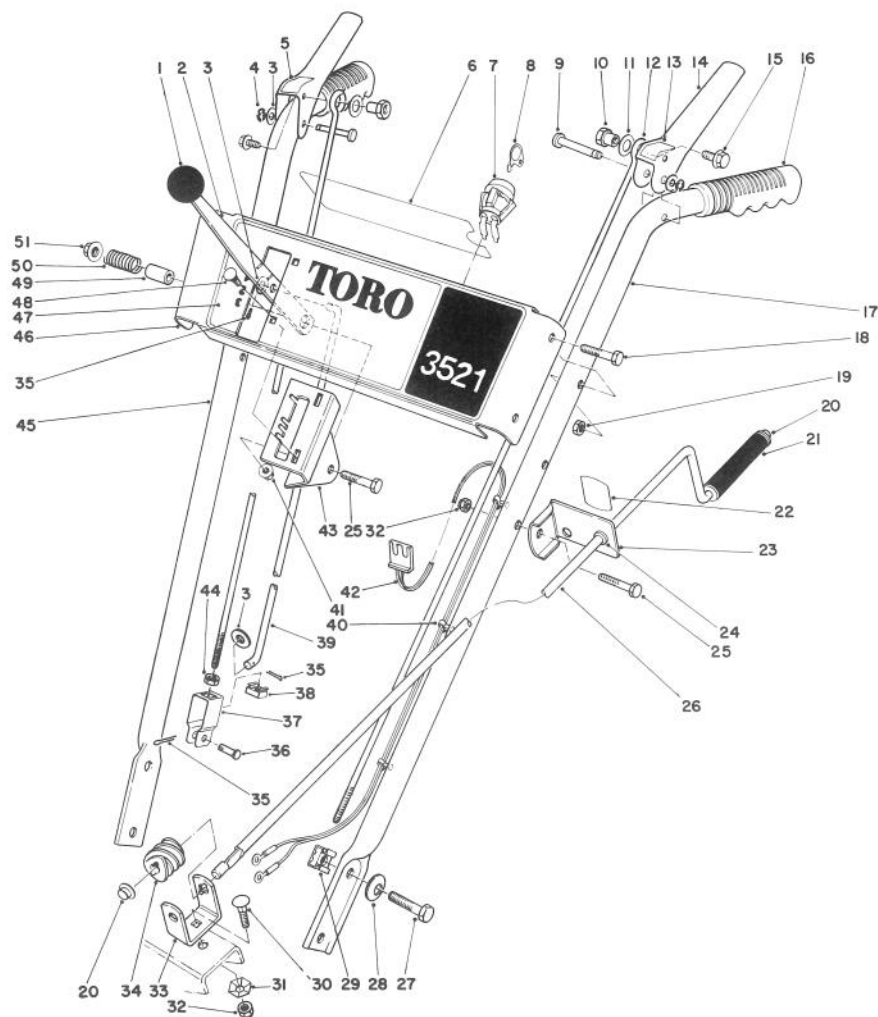
\*Not Illustrated



## ENGINE ASSEMBLY

| Ref. No. | Part No. | Description                                   | No. Used |
|----------|----------|-----------------------------------------------|----------|
| 1        | 3-4244   | Idler Pulley                                  | 1        |
| 2        | 53-7570  | Spring — Auger Disengage                      | 1        |
| 3        | 8-8649   | Auger Clutch Rod Assembly<br>(Incl. Ref. #27) | 1        |
| 4        | 323-29   | Capscrew                                      | 1        |
| 5        | 42-3560  | Bolt — Shoulder                               | 1        |
| 6        | 52-2680  | Gas Tank w/ Cap                               | 1        |
| 7        | 52-5610  | Engine                                        | 1        |
| 8        | 39-3860  | Decal — Primer                                | 1        |
| 9        | 37-8890  | Decal — Throttle                              | 1        |
| 10       | 39-3840  | Decal — Choke                                 | 1        |
| 11       | 53-7680  | Decal — Hot Surface Warning                   | 1        |
| 12       | 32144-4  | Self Tapping Screw                            | 3        |
| 13       | 3296-29  | Locknut                                       | 4        |
| 14       | 49-3040  | Drain Tube                                    | 1        |
| 15       | 281-7    | Pipe Plug                                     | 1        |

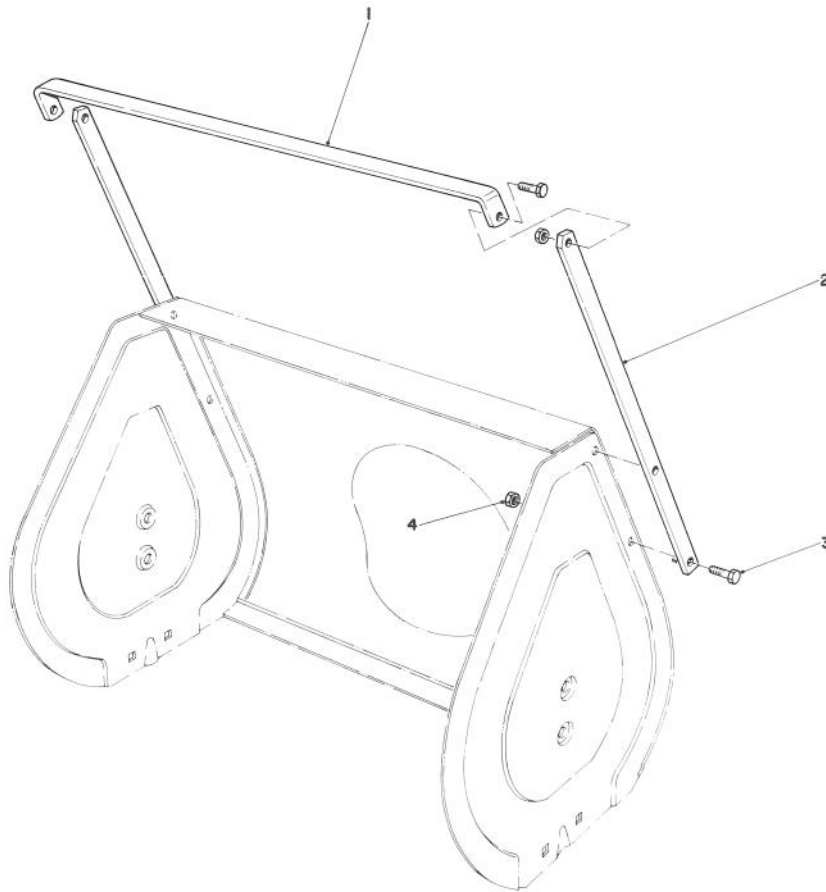
| Ref. No. | Part No. | Description       | No. Used |
|----------|----------|-------------------|----------|
| 16       | 3256-23  | Washer            | 5        |
| 17       | 322-7    | Capscrew          | 4        |
| 18       | 37-8990  | Belt Retainer     | 1        |
| 19       | 3255-8   | Lockwasher        | 1        |
| 20       | 3210-3   | Capscrew          | 1        |
| 21       | 37-9090  | V-Belt — Traction | 1        |
| 22       | 37-9080  | V-Belt — Auger    | 1        |
| 23       | 43-7370  | Engine Pulley     | 1        |
| 24       | 43-7290  | Screw — Special   | 1        |
| 25       | 37-6900  | Belt Cover        | 1        |
| 26       | 32152-4  | Locknut           | 1        |
| 27       | 40-8140  | Molded Brake      | 1        |
| 28       | 3290-320 | Nut — Push On     | 1        |
| 29       | 3256-24  | Flat Washer       | 1        |
| 30       | 32152-2  | Locknut           | 1        |



## HANDLE ASSEMBLY

| Ref. No. | Part No. | Description                                      | No. Used |
|----------|----------|--------------------------------------------------|----------|
| 1        | 233-21   | Knob                                             | 1        |
| 2        | 37-8820  | Selector — Speed                                 | 1        |
| 3        | 3256-23  | Washer                                           | 4        |
| 4        | 32151-73 | Ring — Clip                                      | 2        |
| 5        | 52-5650  | Decal — Auger Drive                              | 1        |
| 6        | 54-9760  | Decal — Escutcheon Back                          | 1        |
| 7        | 40-5940  | Switch — On-Off                                  | 1        |
| 8        | 33-2010  | Key — Ignition                                   | 1        |
| 9        | 52-5600  | Pin — Control Lever                              | 2        |
| 10       | 47-4990  | Post — Linkage Mounting                          | 2        |
| 11       | 3256-24  | Washer                                           | 2        |
| 12       | 52-5590  | Link — Upper                                     | 2        |
| 13       | 52-5630  | Decal — Wheel Drive                              | 1        |
| 14       | 52-5580  | Handle — Control                                 | 2        |
| 15       | 3234-13  | Screw — Hex Flange Hd.                           | 2        |
| 16       | 37-9110  | Grip — Handle                                    | 2        |
| 17       | 52-5570  | Handle — Left                                    | 1        |
| 18       | 321-37   | Screw — Hex Hd.                                  | 4        |
| 19       | 32152-4  | Nut — Lock                                       | 4        |
| 20       | 3290-320 | Nut — Push                                       | 2        |
| 21       | 40-8230  | Grip — Rod                                       | 1        |
| 22       | 29-6370  | Decal — Chute Direction                          | 1        |
| 23       | 6-3069   | Bracket — Chute Control<br>(Incl. Ref. #22 & 24) | 1        |
| 24       | 256-249  | Nyliner                                          | 1        |
| 25       | 322-7    | Screw — Hex Hd.                                  | 2        |
| 26       | 40-8270  | Rod — Chute Control                              | 1        |

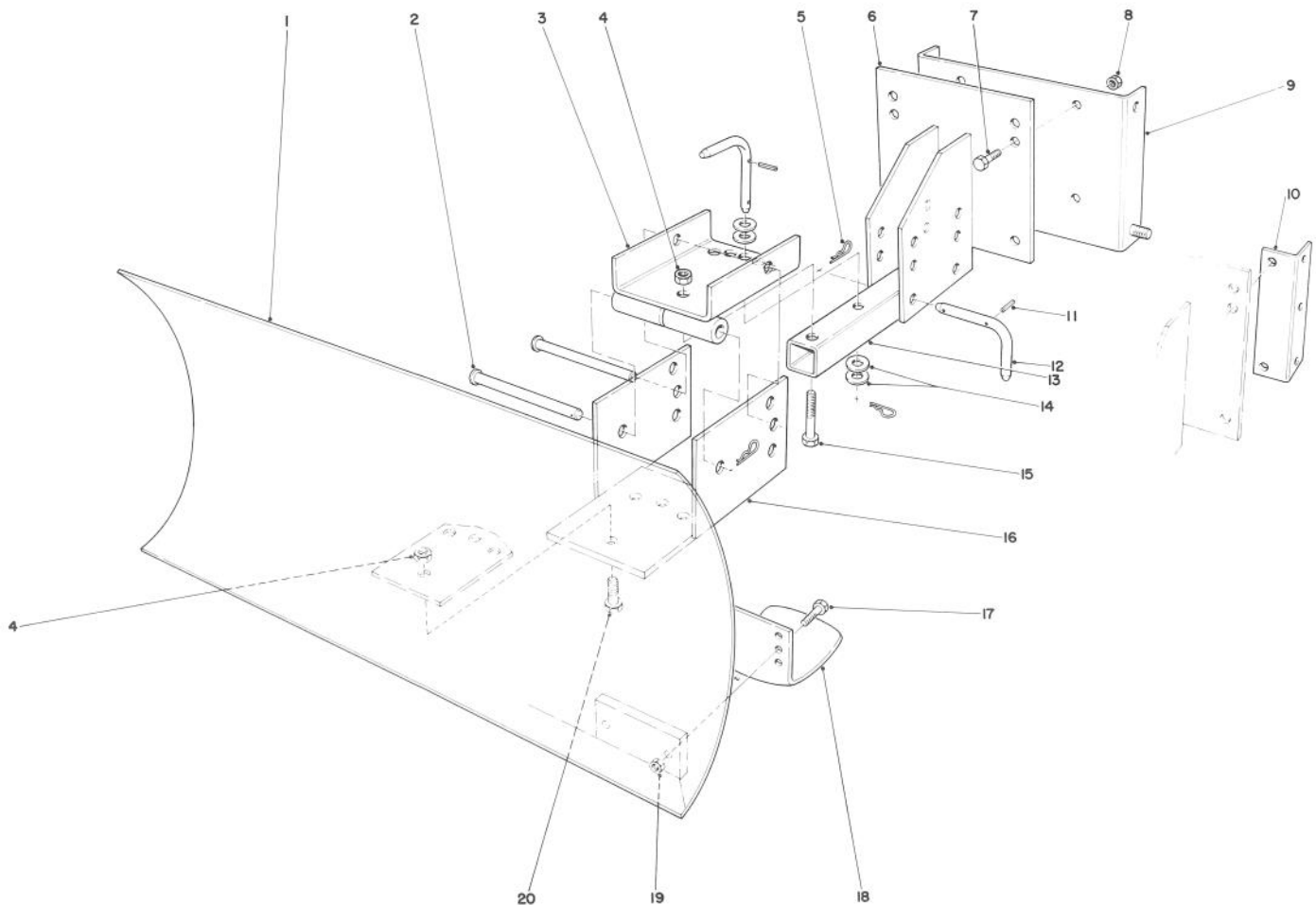
| Ref. No. | Part No. | Description                               | No. Used |
|----------|----------|-------------------------------------------|----------|
| 27       | 322-2    | Screw — Cap Hex Hd.                       | 4        |
| 28       | 3290-456 | Washer — Belleville                       | 4        |
| 29       | 3290-196 | Nut — Retainer                            | 4        |
| 30       | 3230-2   | Bolt — Carriage                           | 1        |
| 31       | 3290-238 | Washer — Pyramidal                        | 1        |
| 32       | 3296-29  | Nut — Lock                                | 2        |
| 33       | 40-8280  | Bracket — Chute Worm                      | 1        |
| 34       | 40-8250  | Gear — Worm                               | 1        |
| 35       | 3272-4   | Pin — Cotter                              | 3        |
| 36       | 283-3    | Pin — Clevis                              | 1        |
| 37       | 39-3080  | Clevis                                    | 1        |
| 38       | 32115-5  | Nut — Retainer                            | 1        |
| 39       | 39-7570  | Rod — Speed Selector                      | 1        |
| 40       | 17-9120  | Mount — Wire                              | 3        |
| 41       | 32128-32 | Nut — Flange Lock                         | 2        |
| 42       | 43-7390  | Wire Harness Assembly<br>(Incl. Ref. #40) | 1        |
| 43       | 39-1280  | Mount — Speed Selector                    | 1        |
| 44       | 3218-1   | Nut — Jam                                 | 1        |
| 45       | 52-5560  | Handle — Right                            | 1        |
| 46       | 43-7360  | Panel — Escutcheon                        | 1        |
| 47       | 53-7630  | Decal — 3521                              | 1        |
| 48       | 3229-22  | Bolt — Carriage                           | 2        |
| 49       | 40-8130  | Spacer — Speed Selector                   | 1        |
| 50       | 37-9150  | Spring                                    | 1        |
| 51       | 32128-13 | Nut — Flange Lock                         | 1        |



### DRIFT BREAKER KIT NO. 37-7020 (Optional)

| Ref. No. | Part No. | Description          | No. Used |
|----------|----------|----------------------|----------|
| 1        | 38-0760  | Drift Breaker — Top  | 1        |
| 2        | 38-0750  | Drift Breaker — Side | 2        |

| Ref. No. | Part No. | Description | No. Used |
|----------|----------|-------------|----------|
| 3        | 322-4    | Capscrew    | 6        |
| 4        | 3296-29  | Locknut     | 6        |



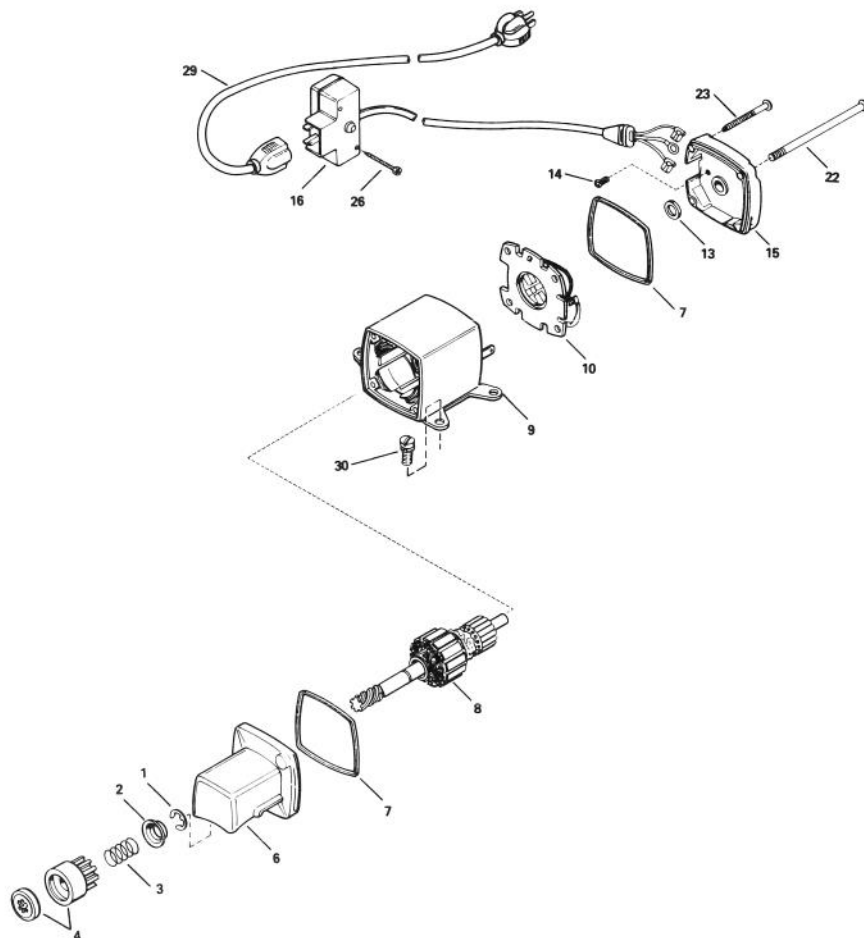
## GRADER BLADE ASSEMBLY MODEL 59099 (Optional)

| Ref. No. | Part No. | Description                                          | No. Used |
|----------|----------|------------------------------------------------------|----------|
| 1        | 7-4374   | Blade                                                | 1        |
| 2        | 283-38   | Clevis Pin                                           | 2        |
| 3        | 20-5090  | Swivel Bracket                                       | 1        |
| 4        | 32152-3  | Locknut                                              | 5        |
| 5        | 3290-322 | Hairpin Cotter                                       | 5        |
| 6        | 20-5170  | Mounting Plate                                       | 1        |
| 7        | 323-6    | Capscrew                                             | 4        |
| 8        | 32152-2  | Locknut                                              | 4        |
| 9        | 22-4920  | Mounting Plate Bracket (Used with 826 and 1132 only) | 1        |
| 10       | 39-7850  | Mounting Rail (Used with 3521 & 521 Units only)      | 2        |
| 11       | 32121-45 | Roll Pin                                             | 3        |
| 12       | 20-5210  | Pivot Pin (Incl. Ref. #11)                           | 3        |
| 13       | 20-5140  | Tongue Blade                                         | 1        |

| Ref. No. | Part No. | Description        | No. Used |
|----------|----------|--------------------|----------|
| 14       | 3256-5   | Flat Washer        | 4        |
| 15       | 325-11   | Capscrew           | 1        |
| 16       | 20-5130  | Blade Adjustment   | 1        |
| 17       | 322-6    | Capscrew           | 4        |
| 18       | 7-1023   | Skid               | 2        |
| 19       | 32152-1  | Locknut            | 4        |
| 20       | 325-5    | Capscrew           | 4        |
| *        |          | Air Cleaner Kit    | 1        |
| *†       | 650152   | Screw              | 2        |
| *†       | 31752    | Decal              | 1        |
| *†       | 31692    | Body               | 1        |
| *†       | 30727    | Element            | 1        |
| *†       | 28820    | Screw w/Lockwasher | 2        |
| *†       | 31691    | Bracket            | 1        |
| *†       | 27277    | Gasket             | 1        |

\*Not Illustrated

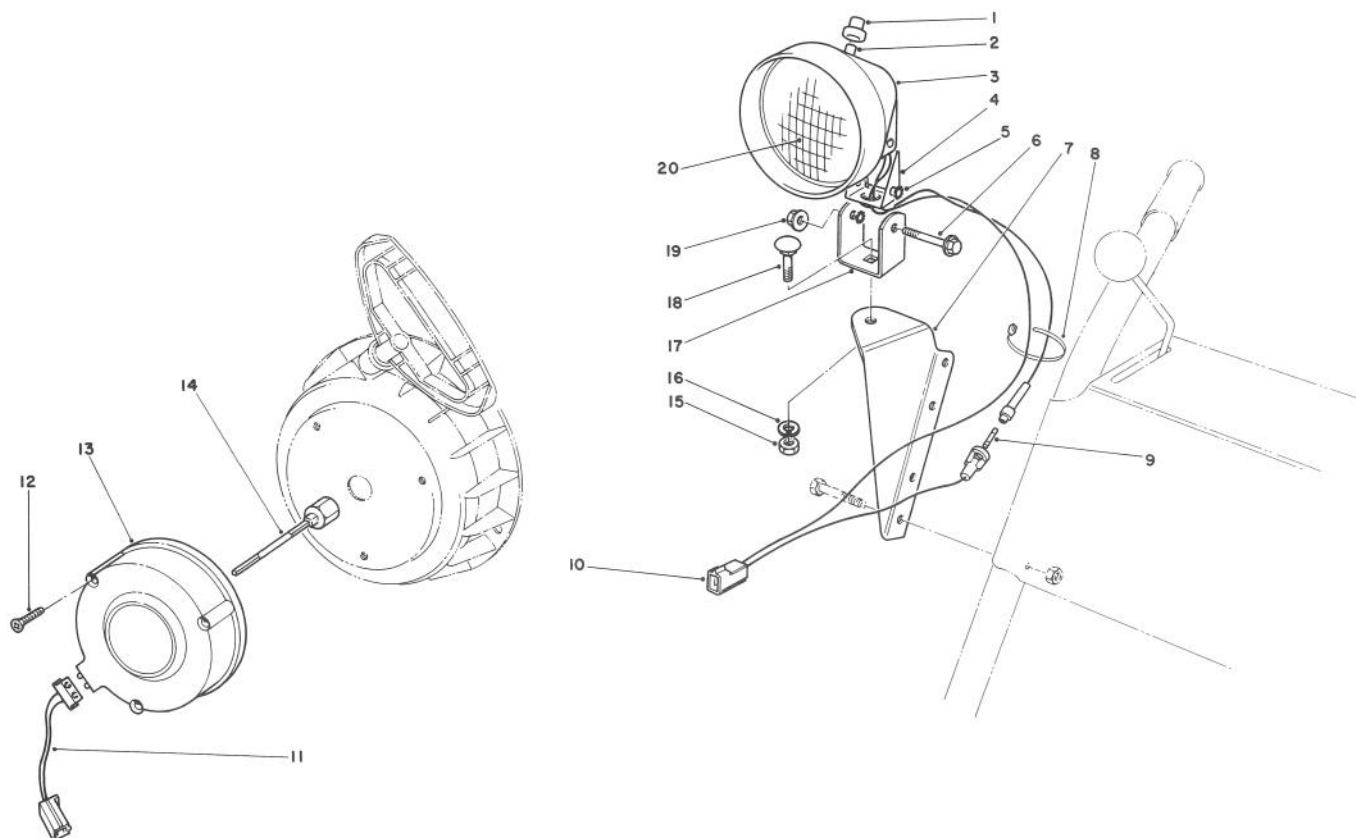
†Obtain from your local Tecumseh Dealer.



## STARTER MOTOR KIT NO. 33290C

| Ref. No. | Part No. | Description                              | No. Used |
|----------|----------|------------------------------------------|----------|
| 1        | 31749    | Ring — Retainer                          | 1        |
| 2        | 33522    | Retainer — Spring                        | 1        |
| 3        | 33769    | Spring — Anti-Drift                      | 1        |
| 4        | 33524    | Nut & Gear                               | 1        |
| 6        | 35461    | Cap Assy. — Drive End<br>(Incl. Ref. #7) | 1        |
| 7        | 35450    | “O” Ring                                 | 2        |
| 8        | 35460    | Armature                                 | 1        |
| 9        | 35459    | Housing Assembly                         | 1        |
| 10       | 35452    | Card Assembly — Brush                    | 1        |

| Ref. No. | Part No. | Description                                   | No. Used |
|----------|----------|-----------------------------------------------|----------|
| 13       | 590500   | Washer — Thrust                               | 1        |
| 14       | 33441    | Screw — Ground                                | 1        |
| 15       | 35453    | Cap Assy. — Commutator End<br>(Incl. Ref. #7) | 1        |
| 16       | 35454    | Box Assembly — Switch                         | 1        |
| 22       | 35462    | Bolt — Case                                   | 2        |
| 23       | 35456    | Screw — Grounding                             | 1        |
| 26       | 650819   | Screw — Hex Hd. Self-Tap                      | 2        |
| 29       | 32450A   | Cord — Extension (10' 6")                     | 1        |
| 30       | 650759   | Screw — Hex Hd. Self-Tap                      | 3        |



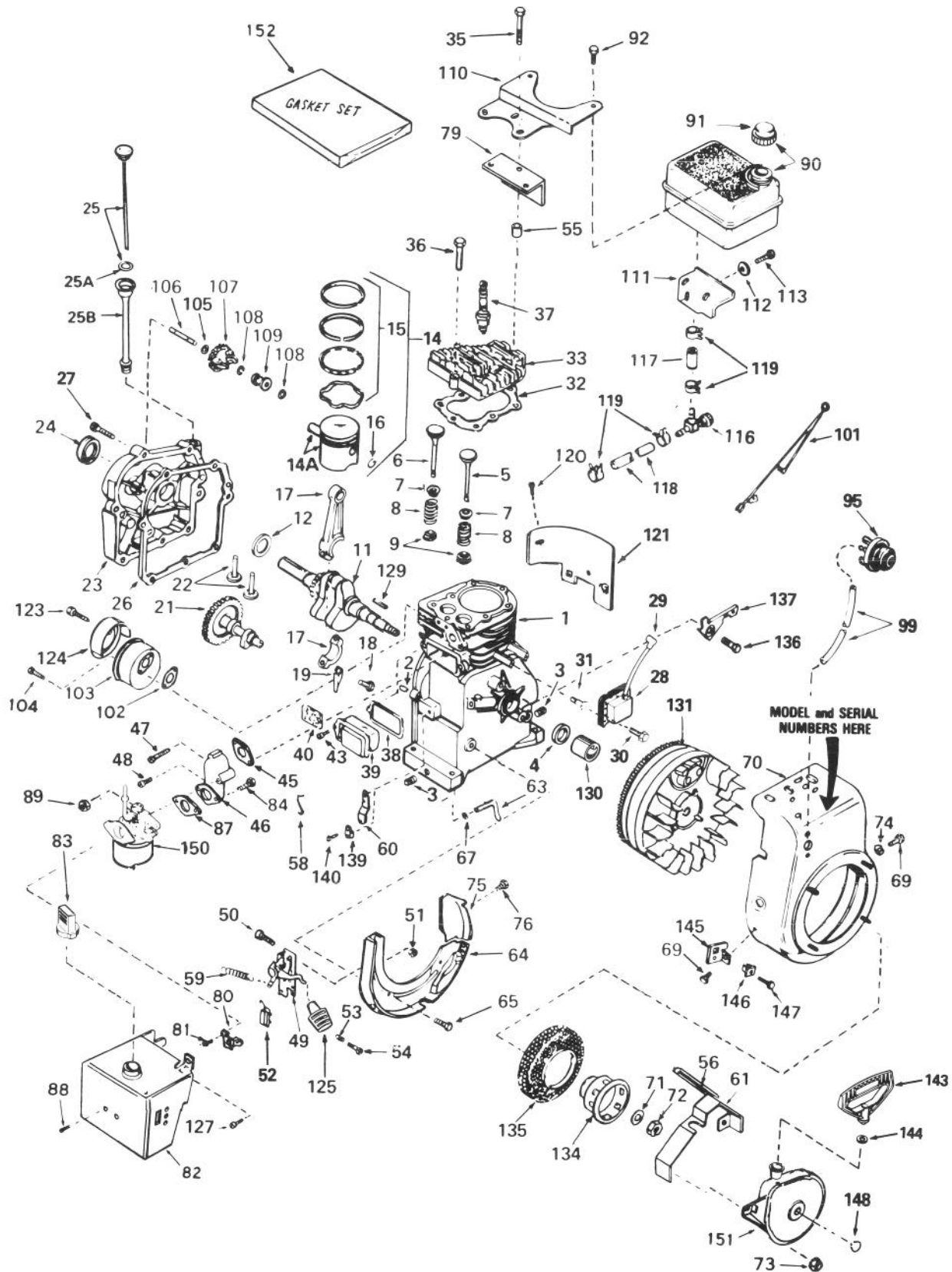
## LIGHT KIT NO. 54-9821 (Optional)

| Ref. No. | Part No. | Description            | No. Used |
|----------|----------|------------------------|----------|
| 1        | 218-473  | Boot — Switch          | 1        |
| 2        | 218-553  | Switch Assembly        | 1        |
| 3        | 218-552  | Bucket — Headlamp      | 1        |
| 4        | 218-554  | Bracket                | 1        |
| 5        | 3255-8   | Washer — Lock          | 2        |
| 6        | 322-13   | Screw — Hex Flange Hd. | 1        |
| 7        | 54-9830  | Mount — Lamp           | 1        |
| 8        | 3290-378 | Tie Wrap               | 2        |
| 9†       |          | Fuse — 7-1/2 Amp.      | 1        |
| 10       | 218-555  | Wire Assembly          | 1        |
| 11       | 2210-272 | Connector — Light      | 1        |
| 12       | 2210-273 | Screw — Self Tapping   | 3        |

| Ref. No. | Part No. | Description                                                | No. Used |
|----------|----------|------------------------------------------------------------|----------|
| 13       | 2210-274 | Alternator                                                 | 1        |
| 14       | 2210-268 | Shaft — Alternator 3"                                      | 1        |
| *        | 2210-269 | Shaft — Alternator 4" (Used with 824 Units only)           | 1        |
| 15       | 3217-7   | Nut — Hex                                                  | 1        |
| 16       | 3253-21  | Washer — Lock                                              | 1        |
| 17       | 218-556  | Bracket — U                                                | 1        |
| 18       | 3231-2   | Bolt — Carriage                                            | 1        |
| 19       | 32128-35 | Nut — Flange Lock                                          | 1        |
| 20       | 218-16   | Lens — Sealed Beam                                         | 1        |
| *        | 54-9871  | Headlamp Assembly Complete (Incl. Ref. #1-6, 9-10 & 15-20) | 1        |

\*Not Illustrated  
†Obtain Locally

# ENGINE TECUMSEH MODEL H35-45598R



# ENGINE TECUMSEH MODEL H35-45598R

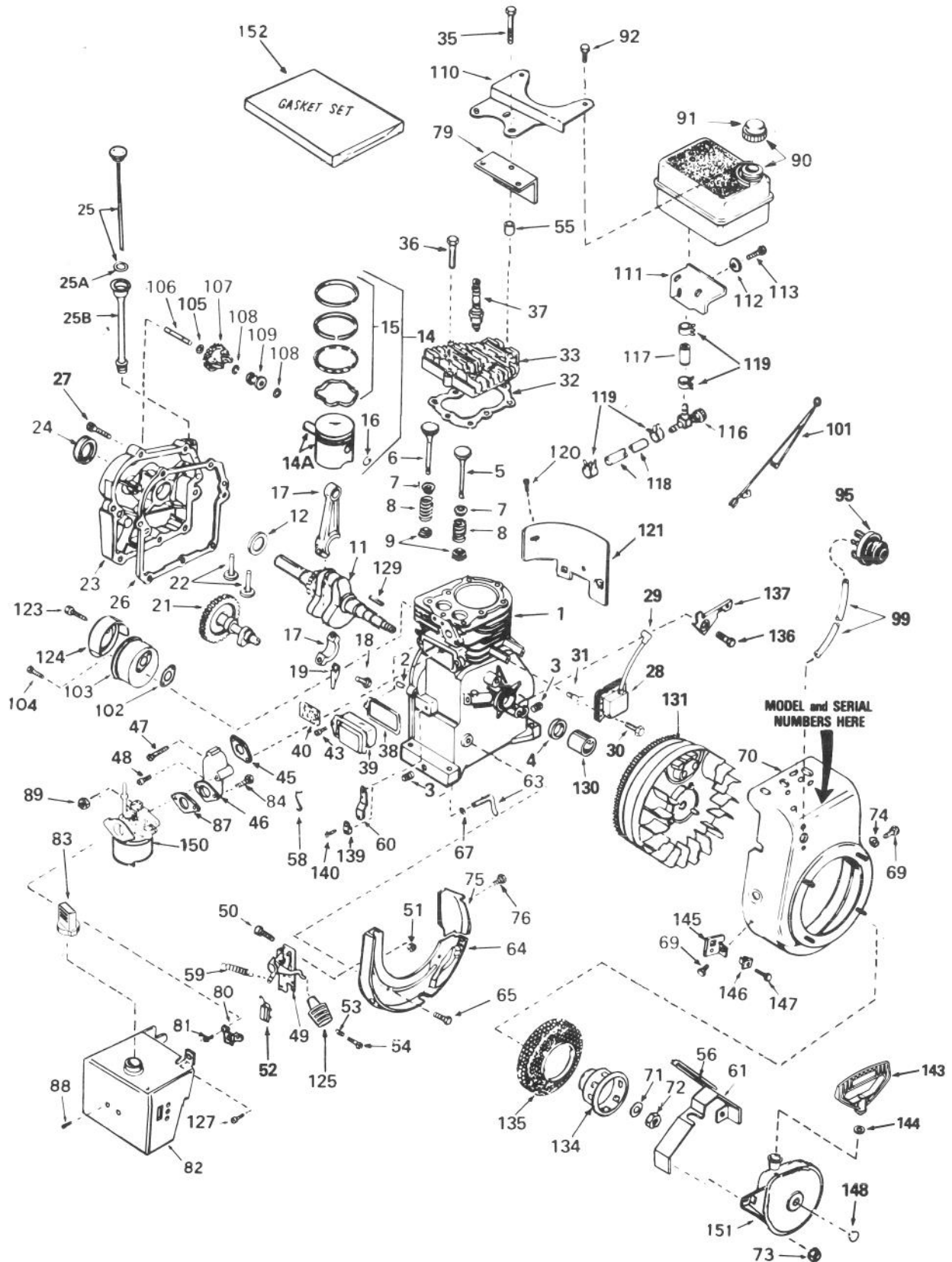
| Ref. No. | Part No. | Description                                                                | No. Used |
|----------|----------|----------------------------------------------------------------------------|----------|
| 1        | 34708A   | Cylinder Assy.<br>(Incl. Ref. #2, 3 & 4)                                   | 1        |
| 2        | 26727    | Pin — Dowel                                                                | 2        |
| 3        | 27642    | Plug — Sq. Hd. Pipe (Oil Drain)                                            | 2        |
| 4        | 32600    | Seal — Oil                                                                 | 1        |
| 5        | 29314B   | Valve — Intake (Std.)<br>(Incl. Ref. #9)                                   | 1        |
| 5        | 29315C   | Valve — Intake (1/32" oversize)<br>(Incl. Ref. #9)                         | 1        |
| 6        | 29313C   | Valve — Exhaust (Std.)<br>(Incl. Ref. #9)                                  | 1        |
| 6        | 29315C   | Valve — Exhaust (1/32" oversize) (Incl. Ref. #9)                           | 1        |
| 7        | 31671    | Cap — Upper Valve Spring                                                   | 2        |
| 8        | 31672    | Spring — Valve                                                             | 2        |
| 9        | 31673    | Cap — Lower Valve Spring                                                   | 2        |
| 11       | 34734A   | Crankshaft                                                                 | 1        |
| 12       | 32323    | Washer — Thrust                                                            | 1        |
| 14       | 34514    | Piston — Pin & Ring Assy. (Std.)<br>(Incl. Ref. #14A, 15 & 16)             | 1        |
| 14       | 34515    | Piston — Pin & Ring Assy.<br>(.010 oversize)<br>(Incl. Ref. #14A, 15 & 16) | 1        |
| 14       | 34516    | Piston — Pin & Ring Assy.<br>(.020 oversize)<br>(Incl. Ref. #14A, 15 & 16) | 1        |
| 14A      | 32538B   | Piston & Pin Assy. (Std.)<br>(Incl. Ref. #16)                              | 1        |
| 14A      | 32548B   | Piston & Pin Assy.<br>(.010 oversize) (Incl. Ref. #16)                     | 1        |
| 14A      | 32549B   | Piston & Pin Assy.<br>(.020 oversize) (Incl. Ref. #16)                     | 1        |
| 15       | 28986    | Ring Set — Piston (Std.)                                                   | 1        |
| 15       | 28987    | Ring Set — Piston<br>(.010 oversize)                                       | 1        |
| 15       | 28988    | Ring Set — Piston<br>(.020 oversize)                                       | 1        |
| 16       | 20381    | Ring — Piston Pin Retaining                                                | 2        |
| 17       | 32875    | Rod Assy. — Connecting<br>(Incl. Ref. #18 & 19)                            | 1        |
| 18       | 32610A   | Bolt — Connecting Rod                                                      | 2        |
| 19       | 32654    | Dipper — Oil                                                               | 1        |
| 21       | 33149A   | Camshaft<br>(Compression Release)                                          | 1        |
| 22       | 27241    | Lifter — Valve                                                             | 2        |
| 23       | 34674    | Cover — Cylinder<br>(Incl. Ref. #24 & 106)                                 | 1        |
| 24       | 27897    | Seal — Oil                                                                 | 1        |
| 25       | 34676    | Dipstick — Oil (Incl. Ref. #25A)                                           | 1        |
| 25A      | 33590    | "O" Ring                                                                   | 1        |
| 25B      | 33893A   | Tube — Oil Fill                                                            | 1        |
| 26       | *27677   | Gasket — Cylinder Cover                                                    | 1        |
| 27       | 650488   | Screw — Hex Hd.                                                            | 7        |
| 28       | 34443A   | Solid State Assy.                                                          | 1        |

| Ref. No. | Part No.        | Description                                                                            | No. Used |
|----------|-----------------|----------------------------------------------------------------------------------------|----------|
| 29       | 610118          | Cover — Spark Plug                                                                     | 1        |
| 30       | 650814          | Screw — Hex Hd.                                                                        | 2        |
| 31       | 650872          | Stud — Lamination Mounting                                                             | 2        |
| 32       | *29953B         | Gasket — Cylinder Head                                                                 | 1        |
| 33       | 30579           | Head — Cylinder                                                                        | 1        |
| 35       | 650694A         | Screw — Hex Flange Hd.                                                                 | 6        |
| 36       | 6021A           | Screw — Hex Flange Hd.                                                                 | 3        |
| 37       | 33636           | Plug — Spark (Champion J-8,<br>Autolite 456 or equivalent)<br><i>Except for Canada</i> | 1        |
| 37       | 35395<br>Canada | Resistor Spark Plug (Canadian<br>regulations require RJ-17LM<br>Resistor Spark Plug)   | 1        |
| 38       | *31619          | Gasket — Breather                                                                      | 1        |
| 39       | 31337           | Breather Assy.<br>(Incl. Ref. #38 & 40)                                                | 1        |
| 40       | 31410           | Element — Breather                                                                     | 1        |
| 43       | 650128          | Screw — Fil. Hd.                                                                       | 2        |
| 45       | *26754          | Gasket — Intake Pipe                                                                   | 1        |
| 46       | 28416A          | Pipe — Intake (Incl. Ref. #47)                                                         | 1        |
| 47       | 650840          | Screw — Fil. Hd.                                                                       | 1        |
| 48       | 650664          | Screw — Fil. Hd.                                                                       | 1        |
| 49       | †33858A         | Control Assy. — Speed<br>(Incl. Ref. #50 thru 54)                                      | 1        |
| 50       | †650139         | Screw — Fil. Hd.                                                                       | 2        |
| 51       | †30322          | Locknut — Hex "Keps"                                                                   | 2        |
| 52       | 610973          | Terminal Assy.                                                                         | 1        |
| 53       | 31342           | Spring — Compression                                                                   | 1        |
| 54       | 650549          | Screw — Fil. Hd.                                                                       | 1        |
| 55       | 28212           | Spacer                                                                                 | 2        |
| 56       | 32576           | Seal — Snow Guard                                                                      | 1        |
| 58       | 31858           | Link — Governor-to-Throttle                                                            | 1        |
| 59       | 31426           | Spring — Extension                                                                     | 1        |
| 60       | 31510           | Lever — Governor                                                                       | 1        |
| 61       | 34127           | Guard — Starter                                                                        | 1        |
| 63       | 31334           | Rod — Governor                                                                         | 1        |
| 64       | †33342          | Baffle — Blower Housing                                                                | 1        |
| 65       | 650561          | Screw — Hex Washer Hd.<br>Durlok                                                       | 2        |
| 67       | 28277           | Washer — Flat                                                                          | 1        |
| 69       | 29212           | Screw — Hex Hd.                                                                        | 2        |
| 70       | 34813A          | Housing — Blower                                                                       | 1        |
| 71       | 650815          | Washer — Belleville                                                                    | 1        |
| 72       | 650863          | Nut — Flywheel                                                                         | 1        |
| 73       | 29752           | Nut & Lockwasher                                                                       | 4        |
| 74       | 650168          | Washer — Flat                                                                          | 1        |
| 75       | 33341           | Baffle — Extension                                                                     | 1        |
| 76       | 650701          | Screw — Hex Hd. Shakeproof<br>Self-Drilling                                            | 1        |
| 79       | 33344           | Baffle — Heat                                                                          | 1        |
| 80       | 32398           | Bracket — Choke                                                                        | 1        |
| 81       | 28820           | Screw — Fil. Hd.                                                                       | 2        |
| 82       | 35122           | Cover — Carburetor                                                                     | 1        |
| 83       | 35439           | Knob — Control                                                                         | 1        |

\*Indicates parts included in Gasket Set, Ref. #152.

†In original production, the speed control assembly is riveted to the blower housing baffle. Replacement speed control assembly includes screws and nuts for mounting. Replacement baffle has threaded holes.

# ENGINE TECUMSEH MODEL H35-45598R (Continued)

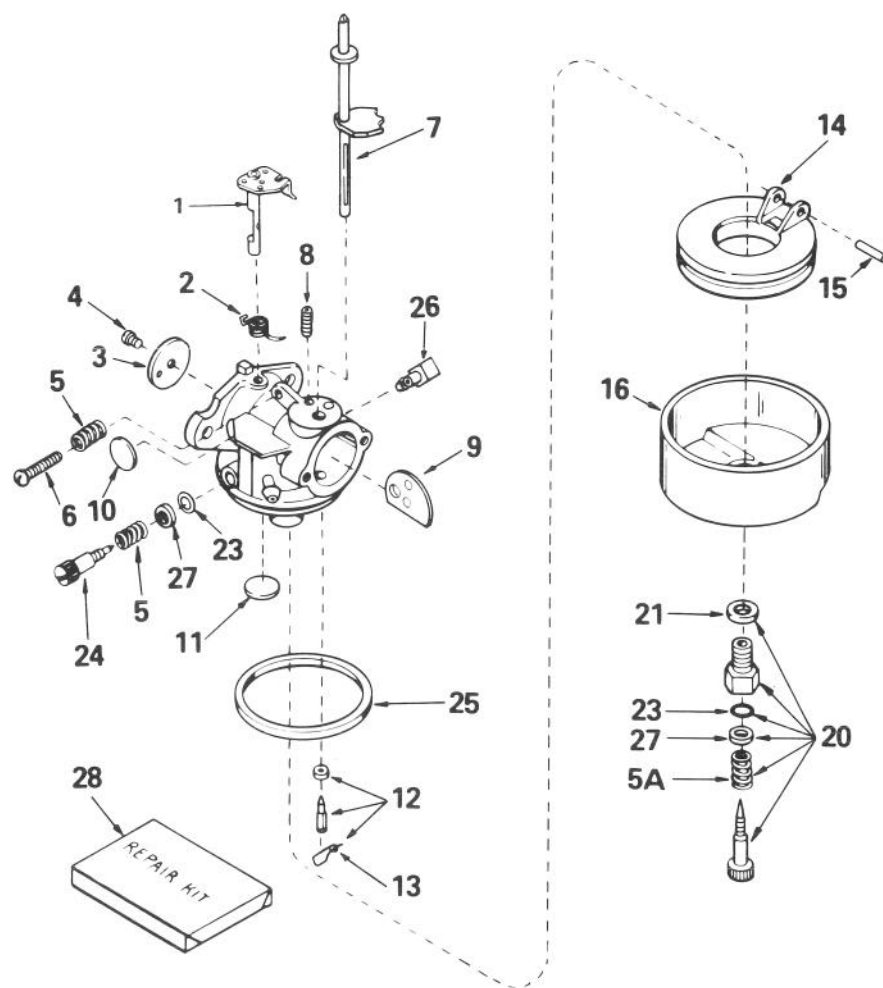


# ENGINE TECUMSEH MODEL H35-45598R (Continued)

| Ref. No. | Part No. | Description                  | No. Used |
|----------|----------|------------------------------|----------|
| 84       | 6201     | Screw — Hex Hd.              | 2        |
| 87       | *26756   | Gasket — Carburetor          | 1        |
| 88       | 650257   | Screw — Pan Hd.              | 2        |
| 89       | 29752    | Nut & Lockwasher             | 2        |
| 90       | 34711    | Tank — Fuel (Incl. Ref. #91) | 1        |
| 91       | 34210    | Cap — Fuel Tank              | 1        |
| 92       | 650665   | Screw — Hex Washer Hd.       | 2        |
|          |          | Thread Cutting               | 1        |
| 95       | 34814    | Primer Assy.                 | 1        |
| 99       | 32180C   | Line — Primer                | 1        |
| 101      | 35253    | Wire — Ground                | 1        |
| 102      | *30081   | Gasket — Muffler             | 1        |
| 103      | 30996    | Muffler                      | 1        |
| 104      | 650493   | Screw — Hex Hd.              | 2        |
| 105      | 30590A   | Washer — Flat                | 1        |
| 106      | 30574    | Shaft — Mechanical Governor  | 1        |
| 107      | 30591    | Gear Assy. — Governor        | 1        |
|          |          | (Incl. Ref. #105)            | 1        |
| 108      | 29193    | Ring — Retaining             | 2        |
| 109      | 30588A   | Spool — Governor             | 1        |
| 110      | 28371B   | Bracket — Fuel Tank          | 1        |
| 111      | 34182    | Bracket — Fuel Tank          | 1        |
| 112      | 650675   | Washer — Flat                | 1        |
| 113      | 650805   | Screw — Hex Hd.              | 1        |
|          |          | w/Belleville Washer          | 1        |
| 116      | 32961    | Valve — Fuel Shut-Off        | 1        |
| 117      | 29774    | Line — Fuel                  | 1        |
| 118      | 30705    | Line — Fuel                  | 1        |

| Ref. No. | Part No. | Description                  | No. Used |
|----------|----------|------------------------------|----------|
| 119      | 26460    | Clamp — Fuel Line            | 4        |
| 120      | 650128   | Screw — Fil. Hd.             | 1        |
| 121      | 29745    | Extension — Blower Housing   | 1        |
| 123      | 650665   | Screw — Hex Washer Hd.       | 1        |
|          |          | Thread Cutting               | 1        |
| 124      | 30997    | Cover — Muffler              | 1        |
| 125      | 35440    | Knob — Control               | 1        |
| 127      | 650765   | Screw — Hex Washer Hd.       | 1        |
|          |          | Self-Drilling                | 1        |
| 129      | 610961   | Key — Flywheel               | 1        |
| 130      | 34080    | Spacer — Flywheel Key        | 1        |
| 131      | 611081   | Flywheel                     | 1        |
| 134      | 34694    | Cup — Starter                | 1        |
| 135      | 35185    | Screen — Starter             | 1        |
| 136      | 30200    | Screw — Hex Washer Hd.       | 1        |
|          |          | Self-Tap                     | 1        |
| 137      | 34212    | Bracket — Hold Down          | 1        |
| 139      | 31335    | Clamp — Governor Lever       | 1        |
| 140      | 650548   | Screw — Hex Washer Hd.       | 1        |
| 143      | 590574   | Starter Handle — Mitten Grip | 1        |
| 144      | 650168   | Washer                       | 1        |
| 145      | 34126    | Bracket — Grommet Mounting   | 1        |
| 146      | 28545    | Grommet — Plastic            | 1        |
| 147      | 650643   | Screw — Pan Hd. Self-Tap     | 1        |
| 148      | 35161    | Plug — Starter               | 1        |
| 150      | 632378   | Carburetor (Incl. Ref. #87)  | 1        |
| 151      | 590604   | Starter Assy. — Rewind       | 1        |
| 152      | 33233    | Gasket Set                   | 1        |

\*Indicates parts included in Gasket Set, Ref. #152.

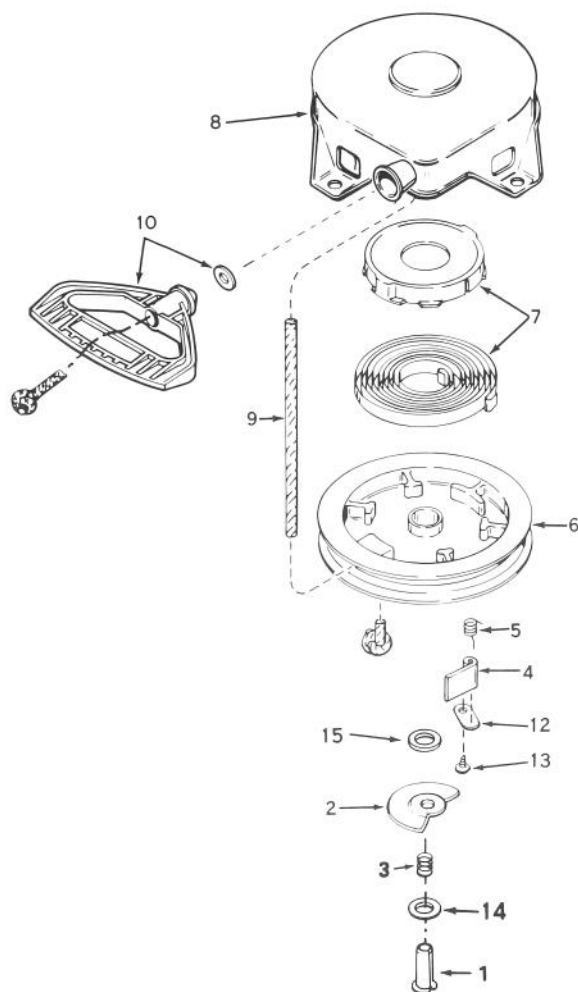


## CARBURETOR NO. 632378

| Ref. No. | Part No. | Description                                       | No. Used |
|----------|----------|---------------------------------------------------|----------|
| 1        | 631615   | Shaft & Lever Assy. — Throttle                    | 1        |
| 2        | 631767   | Spring — Throttle Return                          | 1        |
| 3        | 631036   | Shutter — Throttle                                | 1        |
| 4        | 650506   | Screw — Throttle Shutter                          | 1        |
| 5        | 630766   | Spring — Regulating Screw                         | 2        |
| 5A       | 630738   | Spring — Main Adjustment Screw                    | 1        |
| 6        | 650417   | Screw — Idle Regulating                           | 1        |
| 7        | 632373   | Shaft — Choke                                     | 1        |
| 8        | 630735   | Spring — Choke Positioning                        | 1        |
| 9        | 632372   | Shutter — Choke                                   | 1        |
| 10       | *630748  | Plug — Welch                                      | 1        |
| 11       | *631027  | Plug — Welch                                      | 1        |
| 12       | *631021  | Inlet Needle — Seat & Clip Assy. (Incl. Ref. #13) | 1        |

| Ref. No. | Part No. | Description                                               | No. Used |
|----------|----------|-----------------------------------------------------------|----------|
| 13       | 631022   | Clip — Inlet Needle                                       | 1        |
| 14       | 632019   | Float — Carburetor                                        | 1        |
| 15       | *631024  | Shaft — Float                                             | 1        |
| 16       | 631867   | Bowl — Float                                              | 1        |
| 20       | *31839   | Adjustment Screw Assy.—Main (Incl. Ref. #5A, 21, 23 & 27) | 1        |
| 21       | 27110    | Gasket — Bowl-to-Body                                     | 1        |
| 23       | *630740  | O-Ring — Adjustment Screw                                 | 2        |
| 24       | *631078  | Screw — Idle Adjustment                                   | 1        |
| 25       | *631028  | Gasket — Bowl-to-Body                                     | 1        |
| 26       | 631775   | Fitting — Fuel Inlet                                      | 1        |
| 27       | 630739   | Washer                                                    | 2        |
| 28       | 31840    | Repair Kit                                                | 1        |

\*Indicates parts included in Repair Kit Ref. #28.



## REWIND STARTER NO. 590604

| Ref. No. | Part No. | Description           | No. Used |
|----------|----------|-----------------------|----------|
| 1        | 590599   | Pin — Spring          | 1        |
| 2        | 590603   | Cam — Dog             | 1        |
| 3        | 590598   | Spring — Brake        | 1        |
| 4        | 590148   | Dog — Starter         | 1        |
| 5        | 590475   | Spring — Dog          | 1        |
| 6        | 590478   | Pulley                | 1        |
| 7        | 590414   | Spring & Keeper Assy. | 1        |
| 8        | 590605   | Housing — Starter     | 1        |

| Ref. No. | Part No. | Description                                                 | No. Used |
|----------|----------|-------------------------------------------------------------|----------|
| 9        | 590451A  | Rope — Starter                                              | 1        |
| 10       | 590574   | Starter Handle — Mitten Grip<br>(Not included with Starter) | 1        |
| 12       | 590476   | Retainer — Dog                                              | 1        |
| 13       | 590477   | Screw                                                       | 1        |
| 14       | 590600   | Washer                                                      | 1        |
| 15       | 590601   | Washer                                                      | 1        |

## PRODUCT CHANGES

In an effort to make improvements available to TORO owners as quickly as possible, minor changes are incorporated into Toro's products from time to time that do not become immediately shown in the Parts Catalog. If such a change apparently has been made in your unit, which is not reflected in your manual, see your TORO Distributor or his Authorized TORO Service Dealer for information and part numbers.

## IDENTIFICATION AND ORDERING

### MODEL AND SERIAL NUMBERS

The Snowthrower has two identification numbers: a model number and a serial number. The two numbers are stamped on a decal which is located on back of the engine mounting plate. In any correspondence concerning the Snowthrower, supply model and serial numbers to assure that correct information and replacement parts are obtained.

To order replacement parts from an Authorized TORO Service Dealer, supply the following information:

1. Model and serial numbers of the Snowthrower.
2. Part number, description, and quantity of part(s) desired.

**Note:** Do not order by reference number if a parts catalog is being used; use the PART NUMBER.

## The Toro Promise

### A TWO YEAR LIMITED WARRANTY On All Gasoline Powered Consumer Products

*The Toro Company promises to repair your TORO Product if defective in materials or workmanship. The following time periods from the date of purchase apply:*

Residential Product ..... 2 Years  
Residential Products Used Commercially ..... 45 Days

*The costs of parts and labor are included, but the customer pays the transportation costs. Just return any residential product to an Authorized TORO Service Dealer or TORO Distributor.*

Should you feel your TORO Product is defective and wish to rely on The Toro Promise, the following procedure is recommended:

1. Contact any Authorized TORO Service Dealer, TORO Master Service Dealer, or TORO Distributor (the Yellow Pages of your telephone directory is a good reference source).
2. He will either instruct you to return the product to him or recommend another Authorized TORO Service outlet which might be more convenient.
3. Bring the product along with your original sales slip, or other evidence of purchase date, to the service dealer.
4. The servicing dealer will inspect the unit, advise you whether the product is defective and, if so, make all repairs necessary to correct the defect without extra charge to you.

If for any reason you are dissatisfied with the dealer's analysis of the defect or the service performed, you may contact us.

Write:

TORO Consumer Service Department  
8111 Lyndale Avenue South  
Minneapolis, Minnesota 55420

The above remedy of product defects through repair by an Authorized TORO Service Dealer is the purchaser's sole remedy for any defect.

**THERE IS NO OTHER EXPRESS WARRANTY. ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND**

**FITNESS FOR USE ARE LIMITED TO THE DURATION OF THE EXPRESS WARRANTY.**

Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

This warranty applies only to parts or components which are defective and does not cover repairs necessary due to normal wear, misuse, accidents, or lack of proper maintenance. Regular, routine maintenance of the unit to keep it in proper operating condition is the responsibility of the owner.

All warranty repairs reimbursable under The Toro Promise must be performed by an Authorized TORO Service Dealer using Toro approved replacement parts.

Repairs or attempted repairs by anyone other than an Authorized TORO Service Account are not reimbursable under The Toro Promise. In addition, these unauthorized repair attempts may result in additional malfunctions, the correction of which is not covered by warranty.

**THE TORO COMPANY IS NOT LIABLE FOR INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES IN CONNECTION WITH THE USE OF THE PRODUCT INCLUDING ANY COST OR EXPENSE OF PROVIDING SUBSTITUTE EQUIPMENT OR SERVICE DURING PERIODS OF MALFUNCTION OR NON-USE.**

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

## COUNTRIES OTHER THAN THE UNITED STATES OR CANADA

Customers who have purchased TORO products exported from the United States or Canada should contact their TORO Distributor (Dealer) to obtain guarantee policies for your country, province or state. If for any reason

you are dissatisfied with your Distributor's service or have difficulty obtaining guarantee information, contact the TORO importer. If all other remedies fail, you may contact us at The Toro Company.