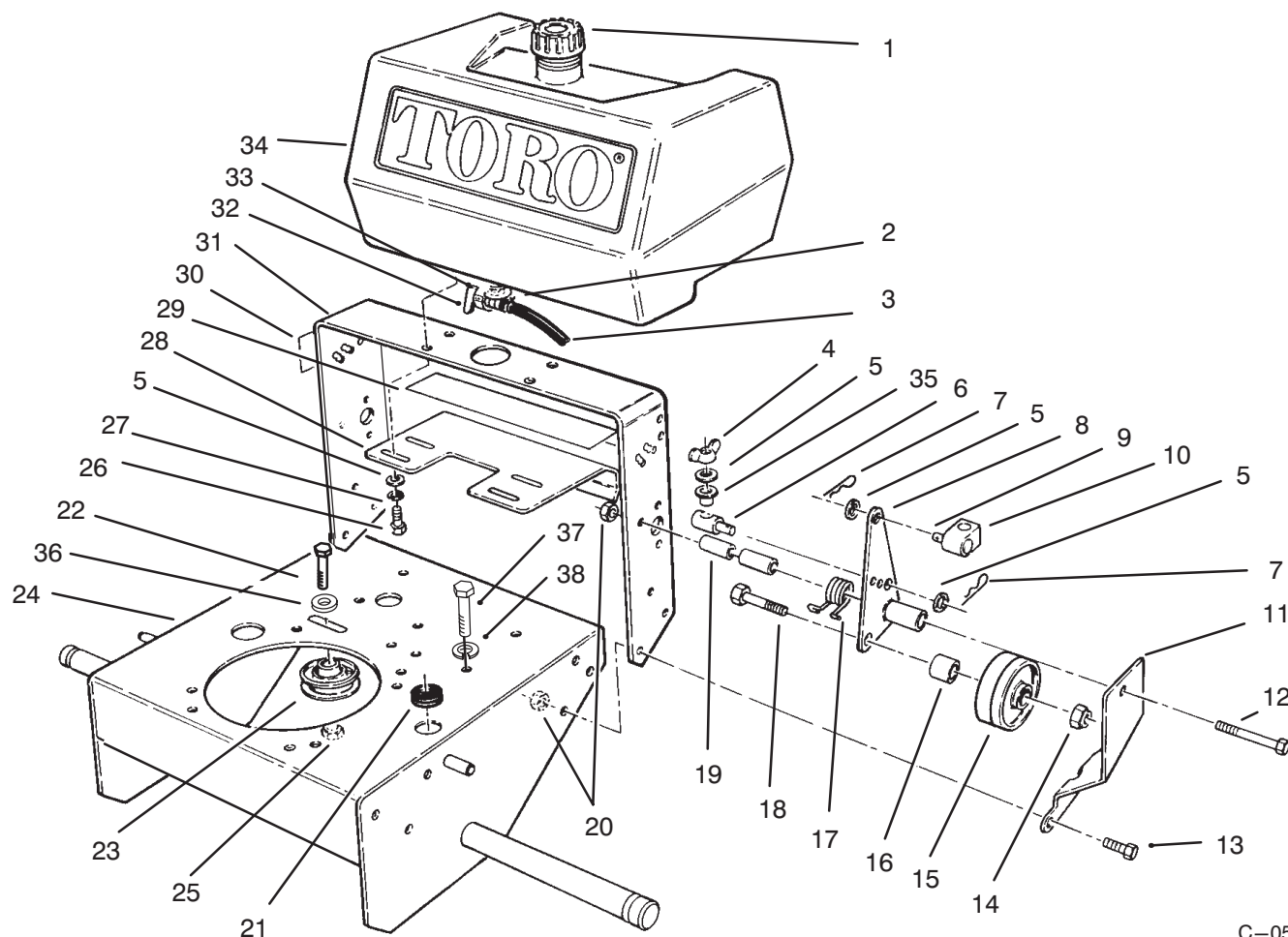


# TORO®

MODEL NO. 30157- 690001 &amp; UP

## PARTS CATALOG

### PROLINE MID-SIZE TRACTION UNIT 12.5HP KOHLER GEAR DRIVE



C-0505A

## FRAME ASSEMBLY

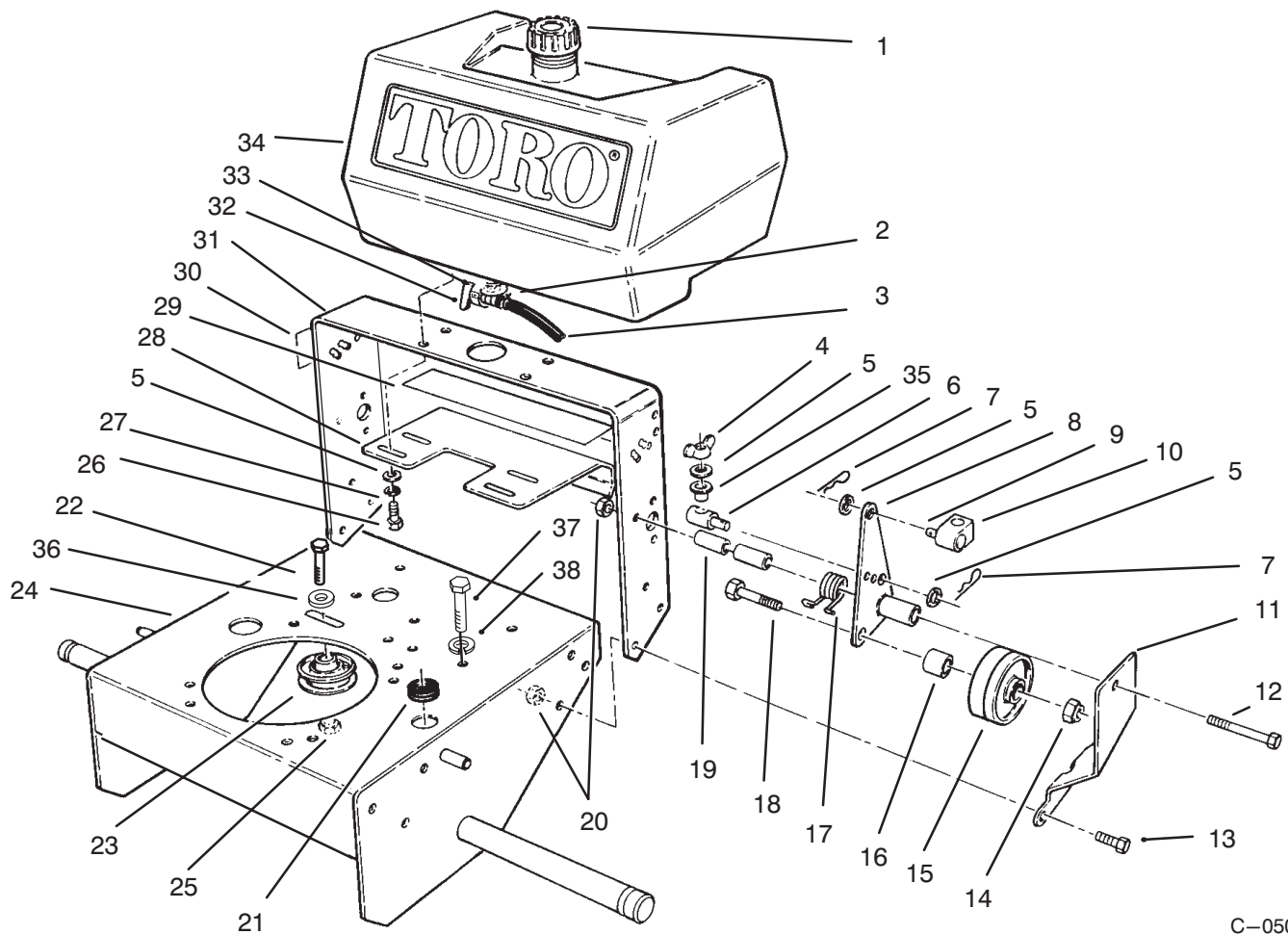
| Ref. No. | Part No. | Description            | No. Used |
|----------|----------|------------------------|----------|
| 1        | 55-3570  | Cap - Fuel Tank        | 1        |
| 2        | 2412-98  | Clamp - Fuel line      | 1        |
| 3        | 47-2982  | Hose - Fuel            | 1        |
| 4        | 32103-25 | Nut - Wing             | 2        |
| 5        | 3256-23  | Washer - Flat          | 10       |
| 6        | 68-9690  | Fitting - Rod          | 2        |
| 7        | 3290-307 | Pin - Cotter           | 4        |
| 8        | 74-0220  | Idler - Bracket L.H.   | 1        |
| *        | 74-0230  | Idler - Bracket R.H.   | 1        |
| 9        | 283-6    | Pin - Clevis           | 2        |
| 10       | 74-0521  | Fitting - Rod          | 2        |
| 11       | 67-6380  | Bracket - Support L.H. | 1        |
| *        | 67-6370  | Bracket - Support R.H. | 1        |
| 12       | 323-16   | Screw - Hex. Hd.       | 2        |
| 13       | 323-6    | Screw - Hex. Hd.       | 6        |
| 14       | 3296-23  | Nut - Lock             | 2        |
| 15       | 51-4480  | Idler - Wheel          | 2        |

| Ref. No. | Part No. | Description           | No. Used |
|----------|----------|-----------------------|----------|
| 16       | 51-4490  | Spacer - Idler Wheel  | 2        |
| 17       | 51-4380  | Spring - Torsion L.H. | 1        |
| *        | 51-4370  | Spring - Torsion R.H. | 1        |
| 18       | 51-4450  | Screw - Leveler       | 2        |
| 19       | 74-0040  | Spacer - Pivot Idler  | 4        |
| 20       | 3296-39  | Nut - Lock            | 8        |
| 21       | 237-124  | Grommet               | 1        |
| 22       | 323-9    | Screw - Hex. Hd.      | 1        |
| 23       | 51-4810  | Pulley - Idler        | 1        |
| 24       | 93-1161  | Frame                 | 1        |
| 25       | 32128-21 | Nut - Hex. Flange     | 1        |
| 26       | 322-4    | Screw - Hex. Hd.      | 4        |
| 27       | 3253-4   | Washer - Lock         | 4        |
| 28       | 66-7400  | Plate - Control       | 1        |
| 29       | 82-7750  | Decal - Ground Speed  | 1        |
| 30       | 74-0490  | Decal - Fuel Shut Off | 1        |
| 31       | 74-0360  | Frame - Rear          | 1        |

\*Not Illustrated

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TPS



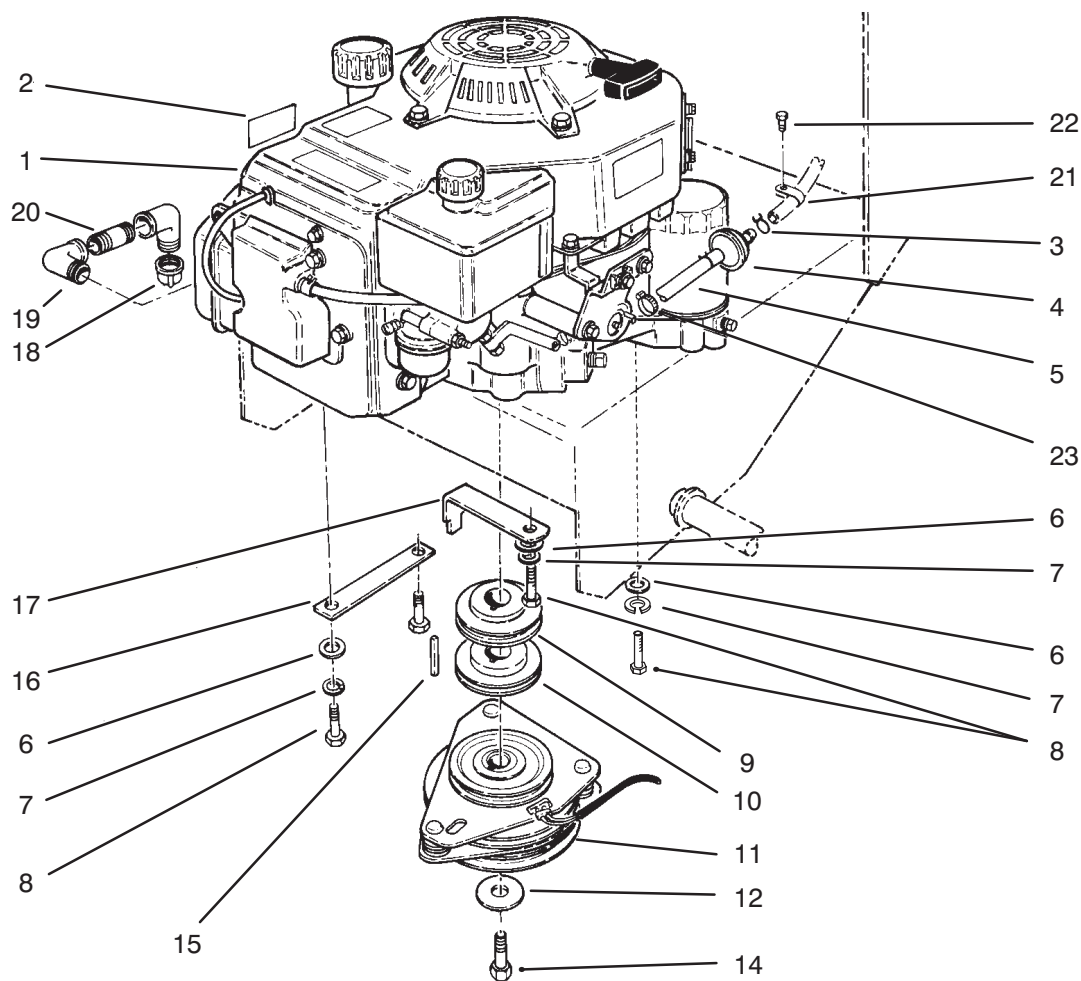
C-0505A

## FRAME ASSEMBLY (Continued)

| Ref. No. | Part No. | Description                                  | No. Used |
|----------|----------|----------------------------------------------|----------|
| 32       | 74-0510  | Valve – Fuel                                 | 1        |
| 33       | 237-7    | ”O”Ring                                      | 1        |
| 34       | 82-8440  | Fuel Tank Assembly<br>(Incl. Ref. # 32 & 33) | 1        |

| Ref. No. | Part No. | Description      | No. Used |
|----------|----------|------------------|----------|
| 35       | 52-2890  | Bushing          | 2        |
| 36       | 3256-24  | Washer – Flat    | 1        |
| 37       | 12-3270  | Screw – Hex Head | 1        |
| 38       | 3255-7   | Washer – Lock    | 2        |

\*Not Illustrated

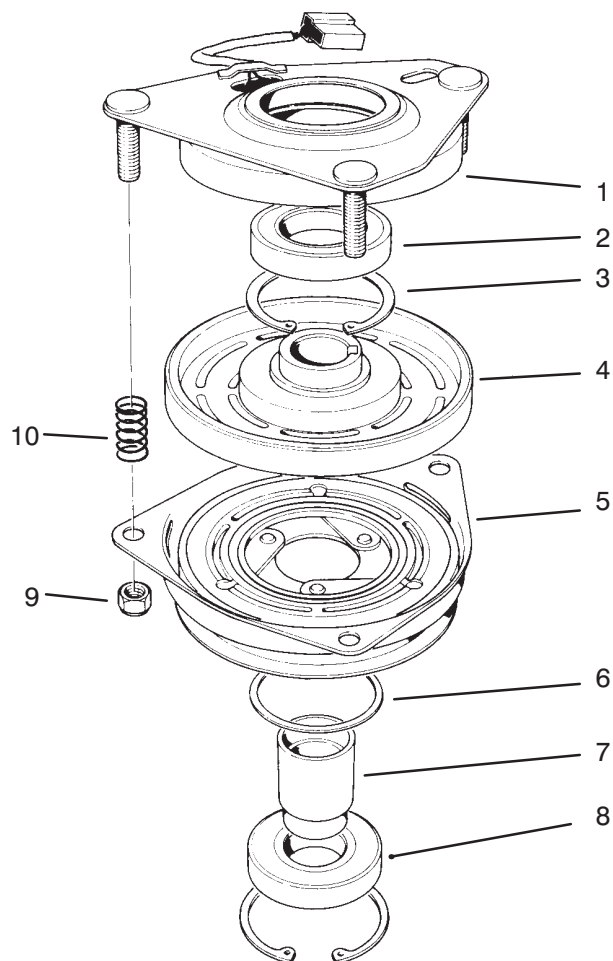


C-0501A

## ENGINE ASSEMBLY

| Ref. No. | Part No. | Description                                  | No. Used |
|----------|----------|----------------------------------------------|----------|
| 1        |          | Engine (Kohler 12.5 Hp Model CV12.5T-PS1254) | 1        |
| 2        | 63-8440  | Decal - Hot                                  | 1        |
| 3        | 2412-98  | Clamp - Fuel Filter                          | 2        |
| 4        | 56-6360  | Filter - Fuel                                | 1        |
| 5        | 47-2964  | Line - Fuel                                  | 1        |
| 6        | 3256-23  | Washer - Flat                                | 6        |
| 7        | 3253-4   | Washer - Lock                                | 4        |
| 8        | 57-6380  | Screw - Hex. Hd.                             | 4        |
| 9        | 74-0060  | Sheave - Upper Half                          | 1        |
| 10       | 74-0050  | Sheave - Lower Half                          | 1        |
| 11       | 54-3200  | Clutch Assembly                              | 1        |

| Ref. No. | Part No. | Description       | No. Used |
|----------|----------|-------------------|----------|
| 12       | 112843   | Washer - PTO      | 1        |
| 14       | 57-6360  | Screw - Hex. Hd.  | 1        |
| 15       | 608006   | Key - Crankshaft  | 1        |
| 16       | 74-0930  | Guard - Pulley    | 1        |
| 17       | 51-4540  | Retainer - Clutch | 1        |
| 18       | 288-4    | Cap - Pipe        | 1        |
| 19       | 74-0950  | Elbow             | 2        |
| 20       | 289-51   | Nipple            | 1        |
| 21       | 2412-87  | Clamp             | 1        |
| 22       | 32144-19 | Screw             | 1        |
| 23       | 2412-108 | Clamp             | 1        |

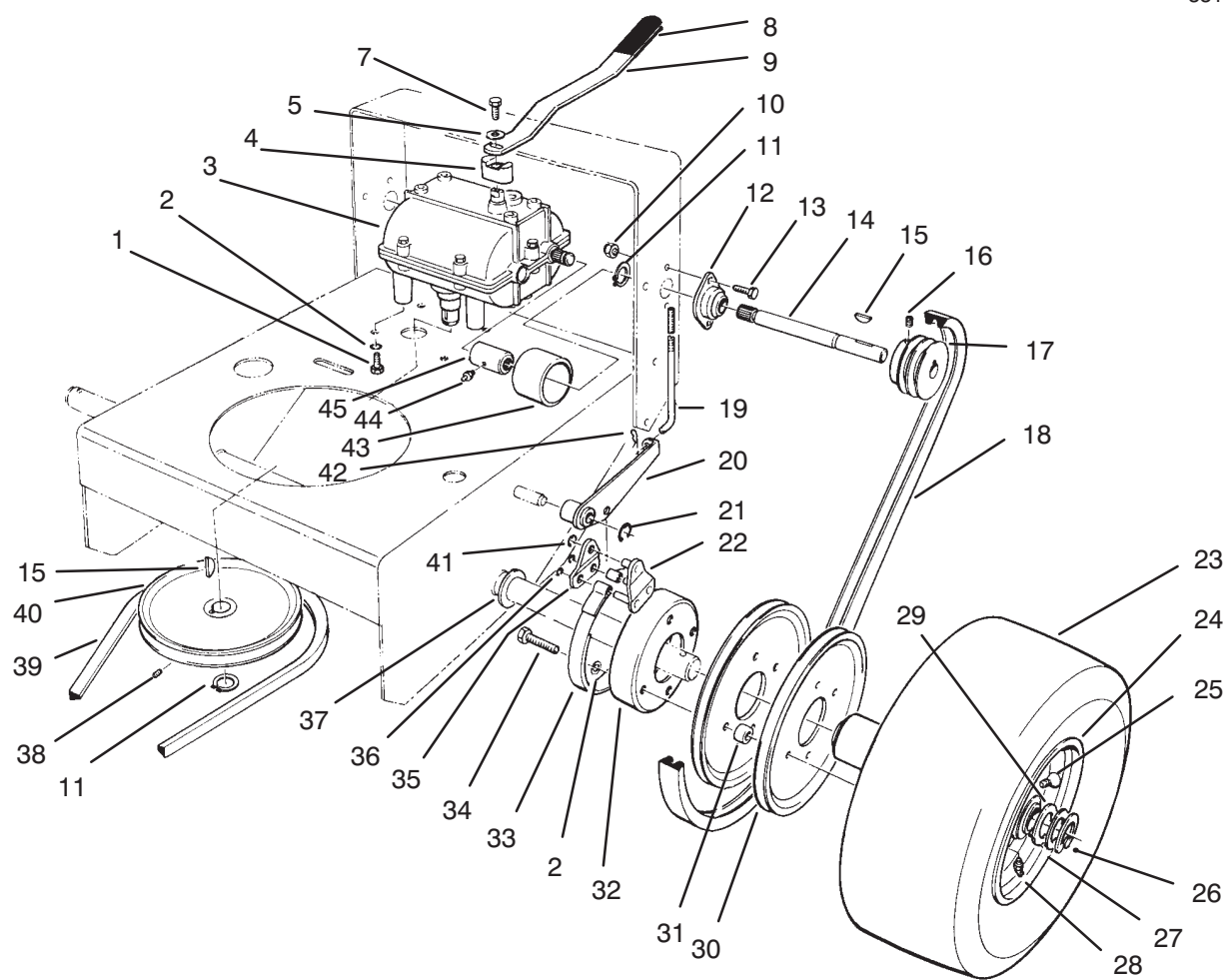


T-0080

## CLUTCH ASSEMBLY NO. 54-3200

| Ref. No. | Part No. | Description                                              | No. Used |
|----------|----------|----------------------------------------------------------|----------|
| 1        | 54-0230  | Field Assembly<br>(Incl. Ref. #2 & 3)                    | 1        |
| 2        | 251-292  | Bearing - Field                                          | 1        |
| 3        | 44-8310  | Ring - Retaining                                         | 2        |
| 4        | 44-8360  | Field Coil, Rotor & Bearing<br>Assembly (Incl. Ref. #1)  | 1        |
| 5        | 55-7410  | Armature & Pulley Assembly<br>(Incl. Ref. #3, 6, 7, & 8) | 1        |

| Ref. No. | Part No. | Description             | No. Used |
|----------|----------|-------------------------|----------|
| 6        | 44-8330  | Spacer - Pulley Bearing | 1        |
| 7        | 44-8340  | Collar - Bearing        | 1        |
| 8        | 251-291  | Bearing - Pulley        | 1        |
| 9        | 3296-5   | Nut - Lock              | 3        |
| 10       | 44-8320  | Spring                  | 3        |



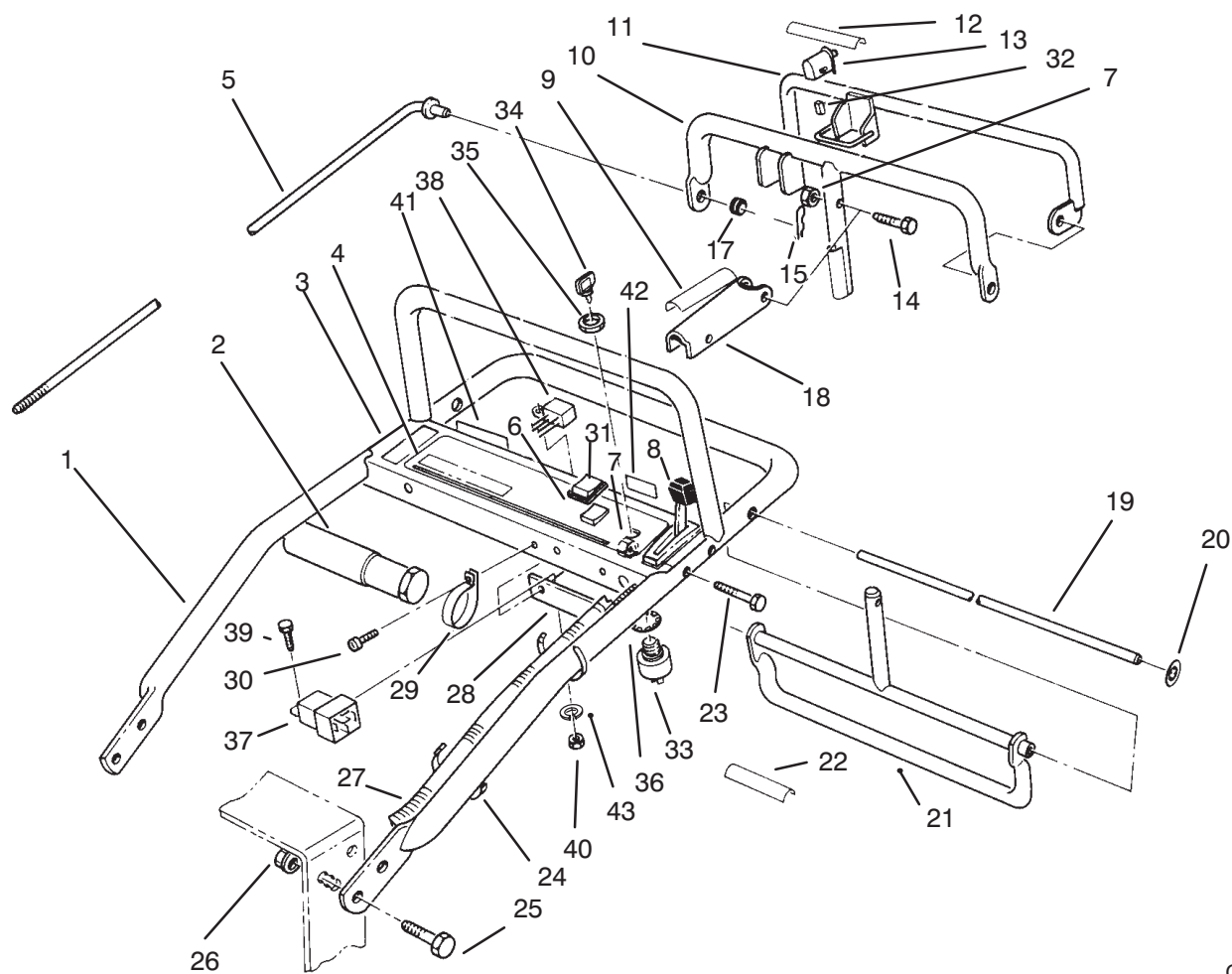
C-0502

## AXLE ASSEMBLY

| Ref. No. | Part No. | Description               | No. Used |
|----------|----------|---------------------------|----------|
| 1        | 322-2    | Screw — Hex. Hd.          | 4        |
| 2        | 3253-4   | Washer — Lock             | 12       |
| 3        | 74-0610  | Transmission              | 1        |
| 4        | 72-2190  | Mount — Shift Lever       | 1        |
| 5        | 7-5461   | Spacer                    | 1        |
| 7        | 329-10   | Screw — Hex. Hd.          | 1        |
| 8        | 47-1970  | Grip — Engagement         | 1        |
| 9        | 74-0320  | Lever — Shift             | 1        |
| 10       | 3296-42  | Nut — Lock                | 4        |
| 11       | 32120-64 | Ring — Retaining          | 3        |
| 12       | 51-4270  | Bearing — Shaft Extension | 2        |
| 13       | 321-4    | Screw — Hex. Hd.          | 4        |
| 14       | 51-4240  | Shaft — Extension R.H.    | 1        |
| *        | 51-4250  | Shaft — Extension L.H.    | 1        |
| 15       | 3257-5   | Key — Woodruff            | 3        |
| 16       | 3245-3   | Screw — Socket Hd. Set    | 2        |
| 17       | 74-0480  | Pulley — Drive            | 2        |
| 18       | 51-4291  | Belt — Drive              | 2        |
| 19       | 51-4580  | Rod — Brake               | 2        |
| 20       | 67-6420  | Brake Arm L.H.            | 1        |
| *        | 67-6400  | Brake Arm R.H.            | 1        |
| 21       | 32151-40 | Ring — Retaining          | 2        |
| 22       | 51-4650  | Link — Brake              | 2        |

| Ref. No. | Part No. | Description            | No. Used |
|----------|----------|------------------------|----------|
| 23       | 231-94   | Tire                   | 2        |
| 24       | 93-1181  | Rim                    | 2        |
| 25       | 232-27   | Valve Stem             | 2        |
| 26       | 32151-91 | Ring — Retaining       | 2        |
| 27       | 92-1746  | Bearing                | 4        |
| 28       | 302-57   | Fitting — Grease       | 2        |
| 29       | 10-8110  | Washer — Flat          | A/R      |
| 30       | 51-4160  | Pulley — Wheel         | 4        |
| 31       | 51-4170  | Spacer — Pulley        | 8        |
| 32       | 51-4180  | Drum — Brake           | 2        |
| 33       | 51-4700  | Brake Band Assembly    | 2        |
| 34       | 322-7    | Screw — Hex. Hd.       | 8        |
| 35       | 51-4660  | Plate — Link Brake     | 2        |
| 36       | 32151-72 | Ring — Retaining       | 4        |
| 37       | 51-4230  | Washer — Wheel         | 2        |
| 38       | 3245-1   | Screw — Socket Hd. Set | 1        |
| 39       | 26-9671  | Belt — Traction        | 1        |
| 40       | 51-4190  | Pulley — Driven        | 1        |
| 41       | 32151-56 | Ring — Retaining       | 2        |
| 42       | 3290-307 | Pin — Cotter           | 2        |
| 43       | 51-4220  | Guard — Coupler        | 2        |
| 44       | 302-5    | Fitting — Grease       | 2        |
| 45       | 51-4260  | Coupler                | 2        |

\*Not Illustrated

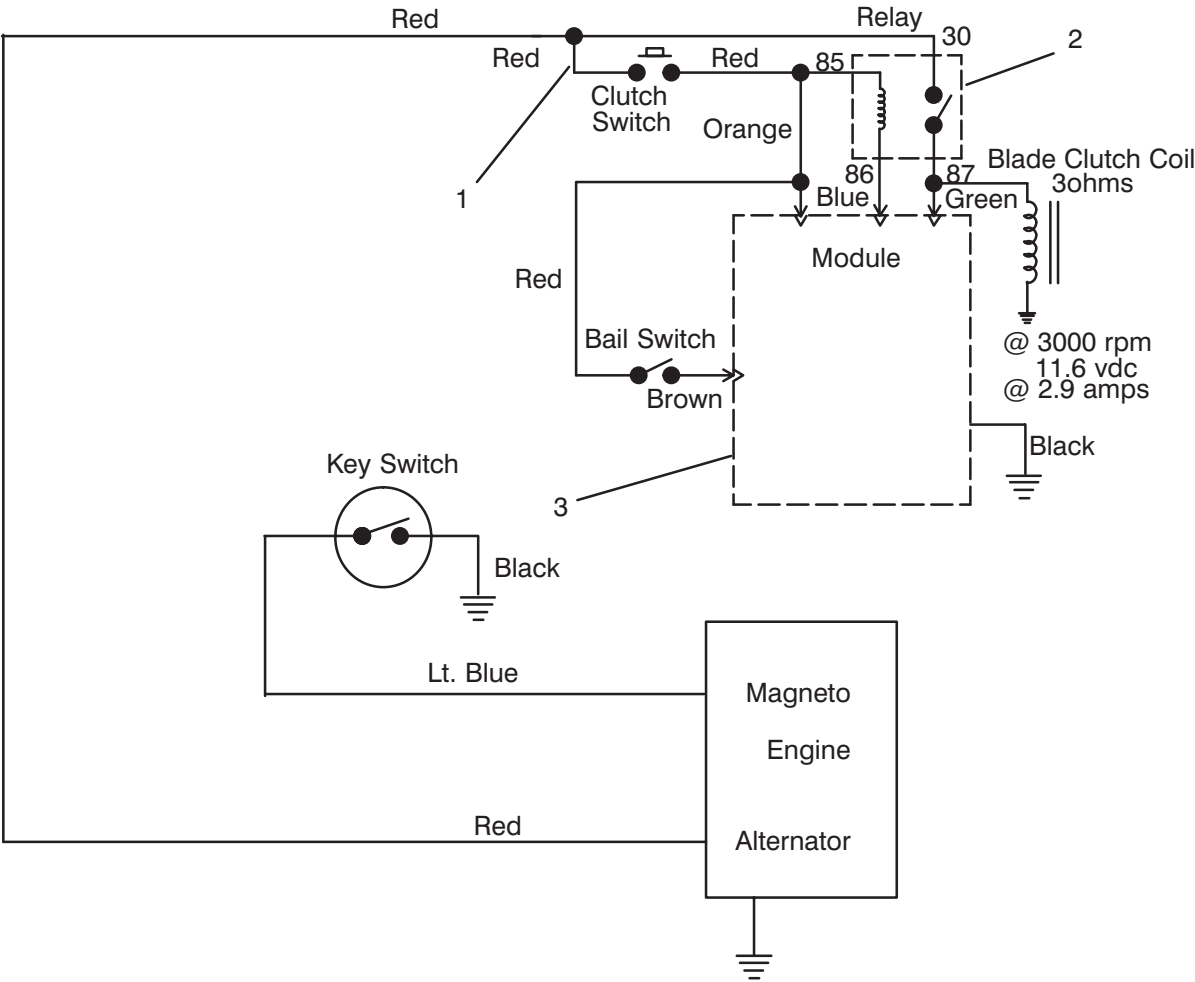


C-0686

## HANDLE ASSEMBLY

| Ref. No. | Part No. | Description              | No. Used |
|----------|----------|--------------------------|----------|
| 1        | 67-6440  | Handle - Upper           | 1        |
| 2        | 74-0720  | Tube - Manual            | 1        |
| 3        | 82-2180  | Panel - Control          | 1        |
| 4        | 82-7730  | Decal - Proline          | 1        |
| 5        | 82-7632  | Rod - Control            | 2        |
| 6        | 82-2300  | Switch - Clutch          | 1        |
| 7        | 3296-2   | Nut - Lock               | 5        |
| 8        | 74-0630  | Control - Throttle       | 1        |
| 9        | 52-2010  | Decal - Parking Brake    | 1        |
| 10       | 82-7690  | Bar - Control            | 1        |
| 11       | 82-7680  | Bail - Handle            | 1        |
| 12       | 82-2290  | Decal - Control Bar      | 1        |
| 13       | 82-2190  | Switch - Bail            | 1        |
| 14       | 32105-1  | Screw - Hex. Hd. Machine | 1        |
| 15       | 3290-307 | Pin - Cotter             | 2        |
| 17       | 237-141  | Grommet - Rubber         | 2        |
| 18       | 51-4850  | Lever - Brake, Parking   | 1        |
| 19       | 74-0470  | Rod - Pivot              | 1        |
| 20       | 32151-80 | Ring - Push On           | 2        |
| 21       | 74-0380  | Control - Pivot          | 1        |
| 22       | 82-2280  | Decal - Reverse Handle   | 1        |
| 23       | 32105-14 | Screw - Hex. Hd. Machine | 4        |

| Ref. No. | Part No. | Description                            | No. Used |
|----------|----------|----------------------------------------|----------|
| 24       | 3290-378 | Cable Tie                              | 2        |
| 25       | 3234-11  | Screw - Hex. Hd.                       | 4        |
| 26       | 32128-21 | Nut - Hex. Flange                      | 4        |
| 27       | 82-2260  | Wire Harness                           | 1        |
| 28       | 57-5811  | Panel - Bottom                         | 1        |
| 29       | 2412-120 | "R" Clamp                              | 2        |
| 30       | 32144-19 | Screw - Self Tapping                   | 4        |
| 31       | 82-3820  | Boot - Switch                          | 1        |
| 32       | 218-595  | Connector - Body                       | 1        |
| 33       | 29-5560  | Switch - On/Off<br>(Incl. Ref. #34-36) | 1        |
| 34       | 63-8360  | Key                                    | 2        |
| 35       | 218-461  | Nut                                    | 1        |
| 36       | 3254-5   | Washer - Lock                          | 1        |
| 37       | 63-7590  | Relay                                  | 1        |
| 38       | 86-7910  | Module - Interlock                     | 1        |
| 39       | 321-2    | Screw - Hex. Hd.                       | 2        |
| 40       | 3296-42  | Nut - Lock                             | 2        |
| 41       | 71-1280  | Decal - Danger                         | 1        |
| 42       | 65-3090  | Decal - Instructions                   | 1        |
| 43       | 3255-7   | Washer - Lock                          | 2        |

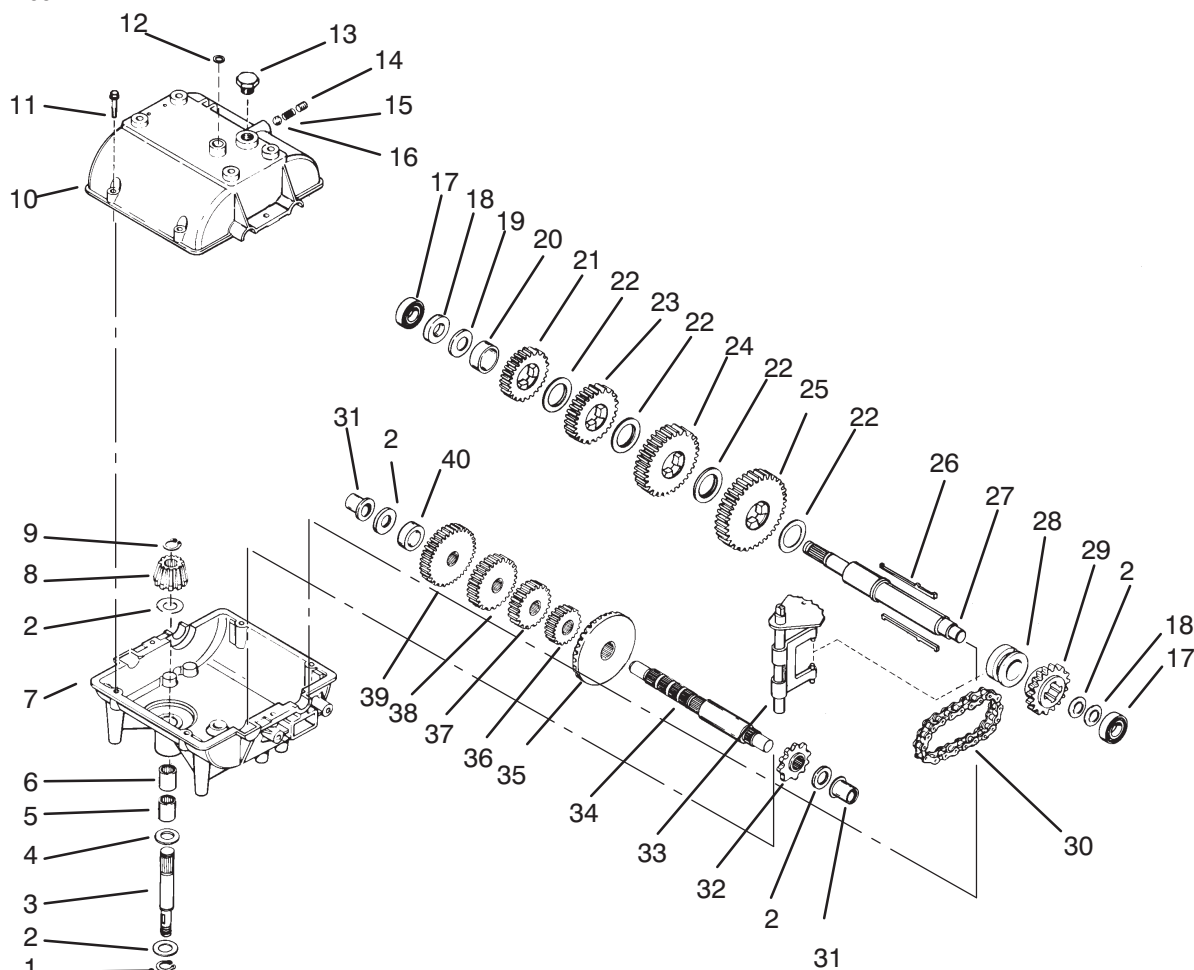


C-0748

# ELECTRIC SCHEMATIC

| Ref. No. | Part No. | Description  | No. Used |
|----------|----------|--------------|----------|
| 1        | 82-2260  | Wire Harness | 1        |
| 2        | 63-7590  | Relay        | 1        |

| Ref. No. | Part No. | Description        | No. Used |
|----------|----------|--------------------|----------|
| 3        | 86-7910  | Module - Interlock | 1        |

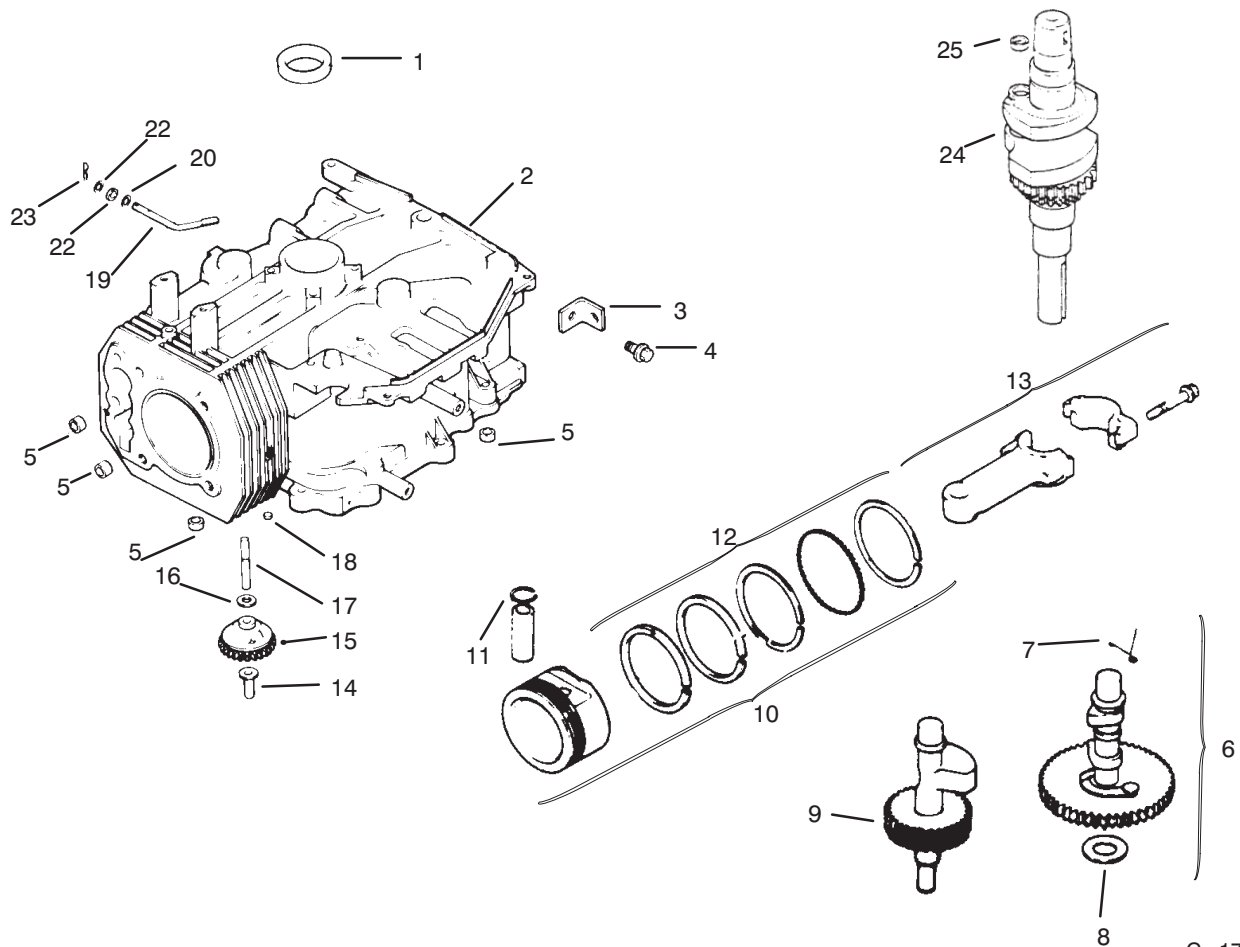


C-1776

## PEERLESS TRANSMISSION MODEL NO. 700-039

| Ref. No. | Part No. | Description            | No. Used |
|----------|----------|------------------------|----------|
| 1        | 792035   | Ring — Retaining       | 1        |
| 2        | 780072   | Washer — Thrust        | 5        |
| 3        | 776135   | Shaft — Input          | 1        |
| 4        | 792001   | "O"Ring                | 2        |
| 5        | 780142   | Bearing — Needle       | 1        |
| 6        | 780086   | Bearing — Needle       | 1        |
| 7        | 770090A  | Case — Transmission    | 1        |
| 8        | 778153   | Bevel Pinion — Input   | 1        |
| 9        | 788040   | Ring — Retaining       | 1        |
| 10       | 772099A  | Cover — Transmission   | 1        |
| 11       | 792073   | Screw — Self Tapping   | 6        |
| 12       | 788069   | Seal — Square Cut      | 1        |
| 13       | 792074   | Plug — Threaded        | 1        |
| 14       | 792078   | Screw — Set            | 1        |
| 15       | 792079   | Spring                 | 1        |
| 16       | 792077   | Ball — Steel           | 1        |
| 17       | 780092   | Bearing — Ball         | 2        |
| 18       | 780065   | Washer — Thrust        | 2        |
| 19       | 780139   | Washer — Thrust        | 1        |
| 20       | 786072   | Spacer                 | 1        |
| 21       | 778123A  | Gear — Spur (25 Teeth) | 1        |

| Ref. No. | Part No. | Description                            | No. Used |
|----------|----------|----------------------------------------|----------|
| 22       | 780108   | Washer — Thrust                        | 4        |
| 23       | 778250   | Gear — Spur (27 Teeth)                 | 1        |
| 24       | 778124A  | Gear — Spur (30 Teeth)                 | 1        |
| 25       | 778125   | Gear — Spur (35 Teeth)                 | 1        |
| 26       | 792089A  | Key                                    | 4        |
| 27       | 776289A  | Shaft — Output & Brake                 | 1        |
| 28       | 784266   | Collar — Shift                         | 1        |
| 29       | 786083   | Sprocket (18 Teeth)                    | 1        |
| 30       | 786081   | Chain — Roller (No. 41 Chain 24 Links) | 1        |
| 31       | 780105A  | Bushing — Flanged                      | 2        |
| 32       | 786082   | Sprocket (9 Teeth)                     | 1        |
| 33       | 784267   | Rod & Fork Ass'y — Shift               | 1        |
| 34       | 776134   | Shaft — Counter                        | 1        |
| 35       | 778154   | Gear — Bevel (42Teeth)                 | 1        |
| 36       | 778136   | Gear — Spur (15 Teeth)                 | 1        |
| 37       | 778126A  | Gear — Spur (20 Teeth)                 | 1        |
| 38       | 778249   | Gear — Spur (23 Teeth)                 | 1        |
| 39       | 778127A  | Gear — Spur (25 Teeth)                 | 1        |
| 40       | 786071   | Spacer                                 | 1        |



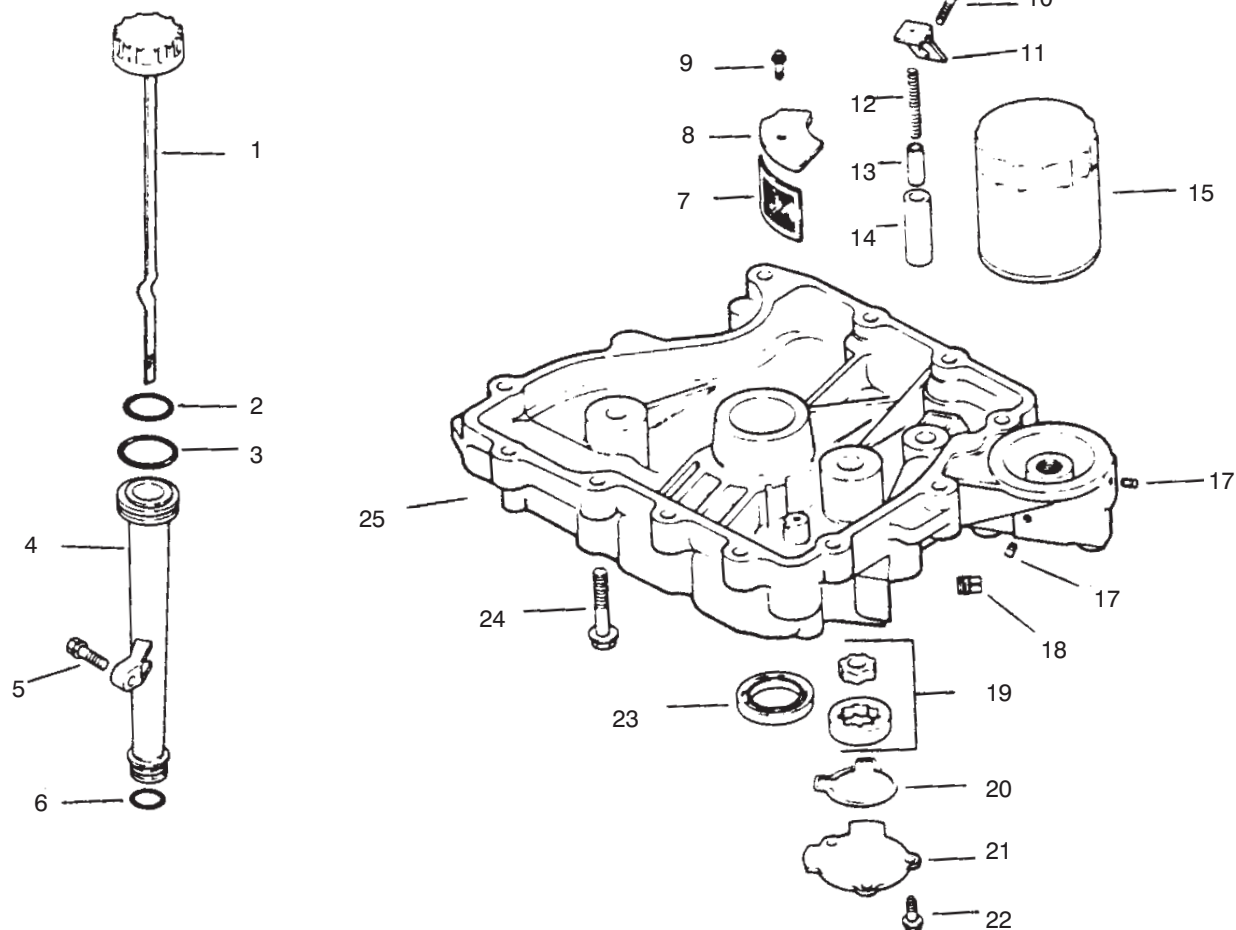
C-1792

## CRANKCASE

| Ref. No. | Part No.  | Description              | No. Used |
|----------|-----------|--------------------------|----------|
| 1        | 12 032 03 | Seal — Crankshaft        | 1        |
| 2        | 12 522 22 | Short Block              | 1        |
| 3        | 12 445 02 | Strap — Lifting          | 1        |
| 4        | M-0839025 | Screw — Lifting Strap    | 1        |
| 5        | 12 380 03 | Dowel — Locating         | 4        |
| 6        | 12 755 50 | Camshaft Assembly        | 1        |
| 7        | 12 089 18 | Spring — Actuating       | 1        |
| 8        | 12 422 08 | Shim — Camshaft          | 1        |
| *        | 12 422 09 | Shim — Camshaft          | A/R      |
| *        | 12 422 10 | Shim — Camshaft          | A/R      |
| *        | 12 422 11 | Shim — Camshaft          | A/R      |
| *        | 12 422 12 | Shim — Camshaft          | A/R      |
| *        | 12 422 13 | Shim — Camshaft          | A/R      |
| *        | 12 422 07 | Shim — Camshaft          | A/R      |
| 9        | 12 144 19 | Shaft — Balance          | 1        |
| 10       | 12 847 01 | Piston W/Ring Set (Std.) | 1        |
| *        | 12 847 02 | Piston W/Ring Set (.25)  | 1        |
| *        | 12 847 03 | Piston W/Ring Set (.50)  | 1        |
| 11       | 12 018 02 | Retainer — Piston Pin    | 2        |

| Ref. No. | Part No.   | Description               | No. Used |
|----------|------------|---------------------------|----------|
| 12       | 12 108 01  | Ring Set (Std.)           | 1        |
| *        | 12 108 02  | Ring Set (.25)            | 1        |
| *        | 12 108 03  | Ring Set (.50)            | 1        |
| 13       | 12 067 05  | Connecting Rod (Std.)     | 1        |
| *        | 12 067 06  | Connecting Rod (.25)      | 1        |
| 14       | 12 380 01  | Pin — Governor Regulating | 1        |
| 15       | 12 043 05  | Gear — Governor Ass'y     | 1        |
| 16       | M-0631005  | Washer — Governor Gear    | 1        |
| 17       | 12 144 02  | Shaft — Governor Gear     | 1        |
| 18       | 52 139 09  | Plug — Cap                | 1        |
| 19       | 12 144 01  | Shaft — Governor Cross    | 1        |
| 20       | X-25-102   | Washer                    | 1        |
| 21       | 12 032 01  | Seal — Cross Shaft        | 1        |
| 22       | SM-0631015 | Washer — Governor Shaft   | 1        |
| 23       | 12 380 04  | Pin — Governor Hitch      | 1        |
|          |            | Crankshaft Group 1        |          |
| 24       | 12 014 29  | Crankshaft Assembly       | 1        |
| 25       | 12 139 01  | Plug — Cup                | 1        |

\*Not Illustrated



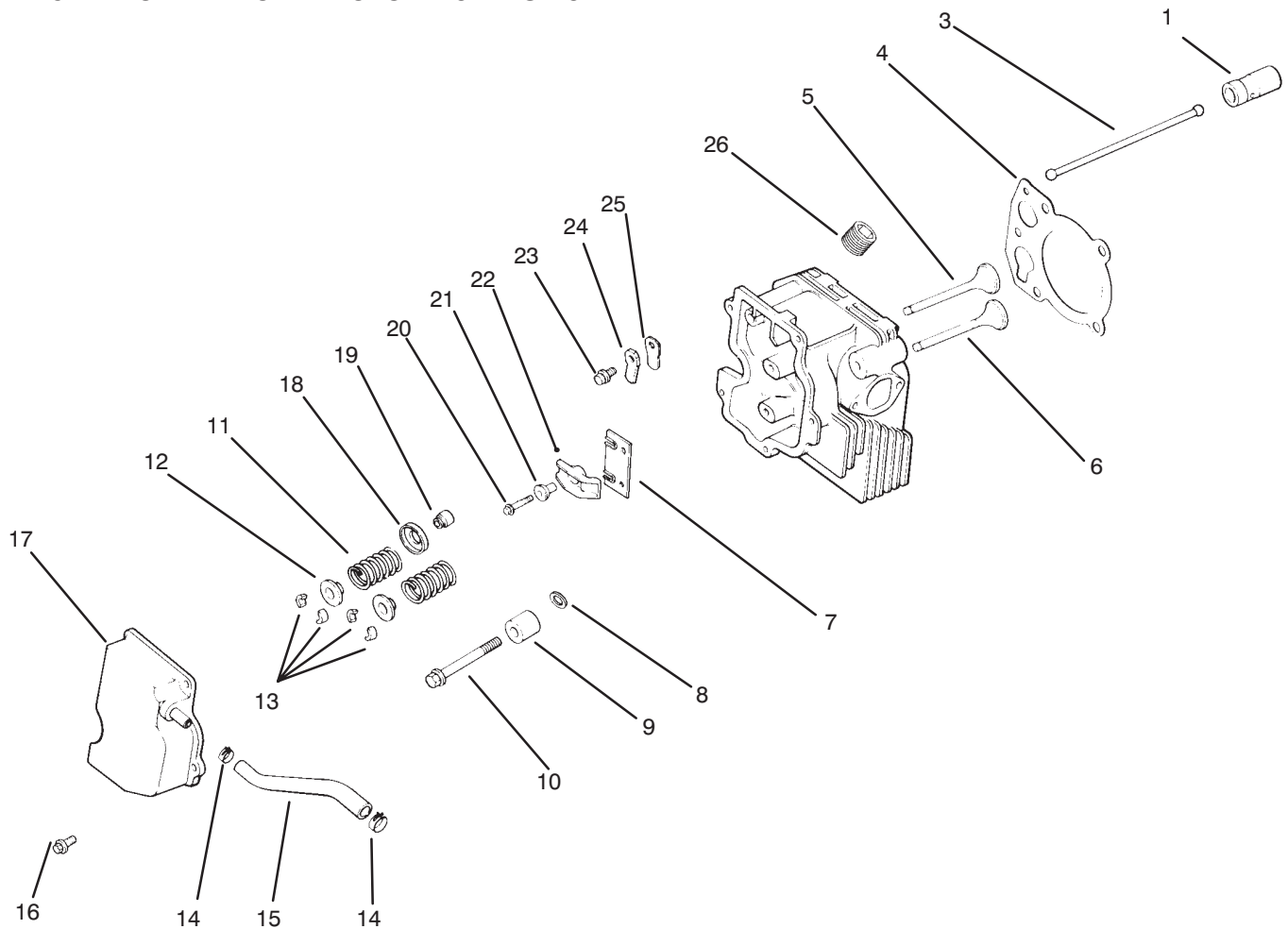
C-1794

## OIL PAN / LUBRICATION

| Ref. No. | Part No.   | Description                     | No. Used |
|----------|------------|---------------------------------|----------|
| 1        | 12 038 01  | Dipstick Assembly               | 1        |
| 2        | 12 153 03  | "O"Ring - Dipstick              | 1        |
| 3        | 12 153 02  | "O"Ring - Upper Tube            | 1        |
| 4        | 12 123 04  | Tube - Oil Fill                 | 1        |
| 5        | SM-0545020 | Screw - Oil Fill Tube           | 1        |
| 6        | 12 153 01  | "O"Ring - Lower Tube            | 2        |
| 7        | 25 162 07  | Screen - Oil Pick Up            | 1        |
| 8        | 12 096 03  | Cover - Oil Screen              | 1        |
| 9        | SM-0545016 | Screw                           | 1        |
| 10       | M-1039025  | Screw                           | 1        |
| 11       | 12 126 02  | Bracket - Oil Pump Relief Valve | 1        |
| 12       | 12 089 03  | Spring - Oil Pump Relief Valve  | 1        |
| 13       | 12 462 01  | Piston - Oil Pump               |          |

| Ref. No. | Part No.    | Description                  | No. Used |
|----------|-------------|------------------------------|----------|
| 14       | 12 208 01   | Relief Valve Body - Oil Pump | 1        |
| 15       | 52 050 02   | Filter - Oil                 | 1        |
| 16       | X-75-1      | Plug - 1/8 N.P.T.F.          | 2        |
| 17       | X-75-10     | Plug - 3/8 N.P.T.F.          | 2        |
| 18       | 12 393 01   | Pump - Oil Assembly          | 1        |
| 19       | 12 032 04   | "O"Ring - Pump Cover         | 1        |
| 20       | 12 096 02   | Cover - Oil Pump             | 1        |
| 21       | SM-0545016  | Screw                        | 3        |
| 22       | 12 032 03   | Seal - Oil (P.T.O.End)       | 1        |
| 23       | SM-0839045  | Screw - Oil Pan              | 11       |
| 24       | 12 199 21   | Pan - Oil                    | 1        |
| 25       | * 25 755 13 | Kit - Oil Fill Cap           | 1        |

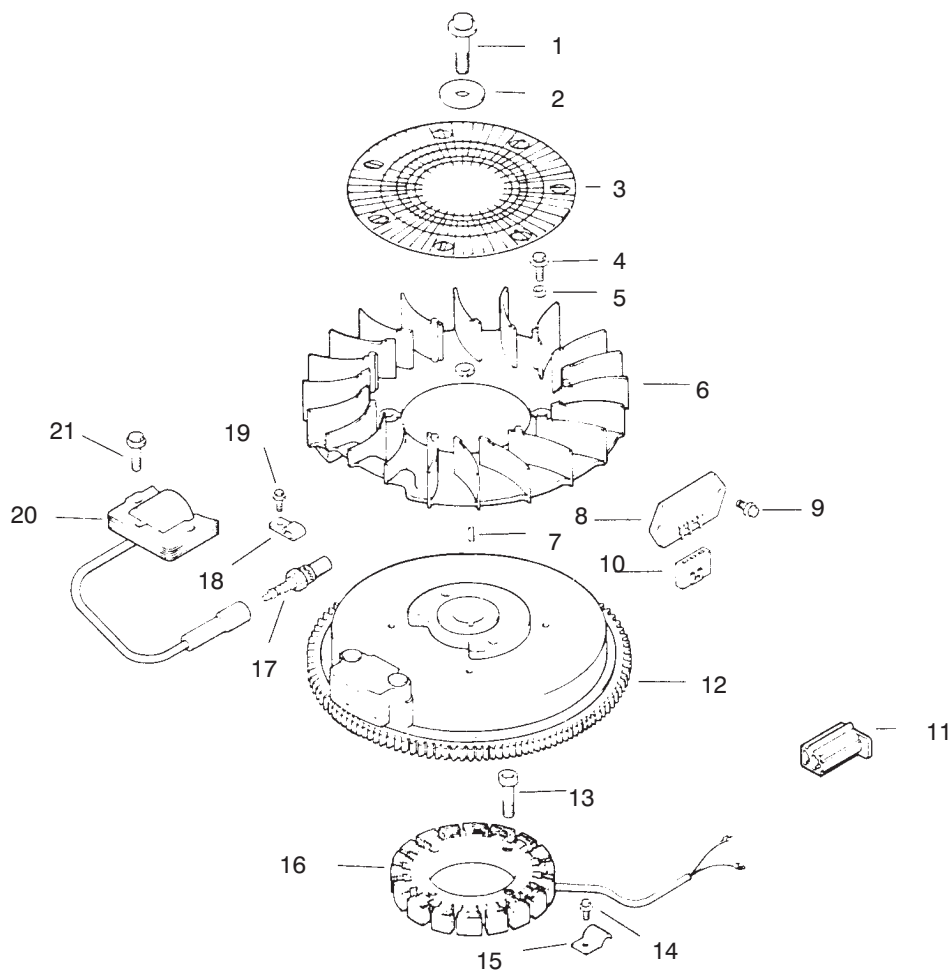
\*Not Illustrated



## CYLINDER HEAD, VALVE & BREATHER

| Ref. No. | Part No.  | Description            | No. Used |
|----------|-----------|------------------------|----------|
| 1        | 12 351 01 | Lifter – Valve         | 2        |
| 3        | 12 411 01 | Rod – Push             | 2        |
| 4        | 12 041 08 | Gasket – Cylinder Head | 1        |
| 5        | 12 017 01 | Valve – Intake (Std.)  | 1        |
| *        | 12 017 02 | Valve – Intake (.25)   | 1        |
| 6        | 12 016 01 | Valve – Exhaust (Std)  | 1        |
| *        | 12 016 02 | Valve – Exhaust (.25)  | 1        |
| 7        | 12 146 13 | Plate – Guide          | 1        |
| 8        | 12 468 05 | Washer – Flat          | 1        |
| 9        | 12 112 13 | Spacer – Head Bolt     | 1        |
| 10       | 12 086 15 | Screw – Cylinder Head  | 5        |
| 11       | 12 089 01 | Spring – Valve         | 1        |
| 12       | 12 173 01 | Cap – Valve Spring     | 2        |
| 13       | 12 755 03 | Kit – Retainer         | 2        |
| 14       | X-426-9   | Clamp – Hose           | 2        |

| Ref. No. | Part No.  | Description                                       | No. Used |
|----------|-----------|---------------------------------------------------|----------|
| 15       | 12 326 03 | Hose – Breather                                   | 1        |
| 16       | M-0645020 | Screw – Valve Cover                               | 3        |
| 17       | 12 096 07 | Cover – Valve W/Nipple                            | 1        |
| 18       | 235011    | Retainer – Spring                                 | 2        |
| 19       | 24 032 05 | Seal – Valve Stem                                 | 1        |
| 20       | M-0640034 | Screw – Rocker Bridge                             | 2        |
| 21       | 24 194 01 | Pivot – Rocker Arm                                | 2        |
| 22       | 24 186 03 | Arm – Rocker                                      | 2        |
| 23       | M-0545010 | Screw – Breather Reed                             | 1        |
| 24       | 12 018 01 | Retainer – Breather Reed                          | 1        |
| 25       | 12 402 02 | Reed – Breather                                   | 1        |
| 26       | X-75-23   | Plug                                              | 1        |
| *        | 12 755 58 | Kit – Cylinder Head (Incl. Ref.#3-13, 18-22 & 26) | 1        |

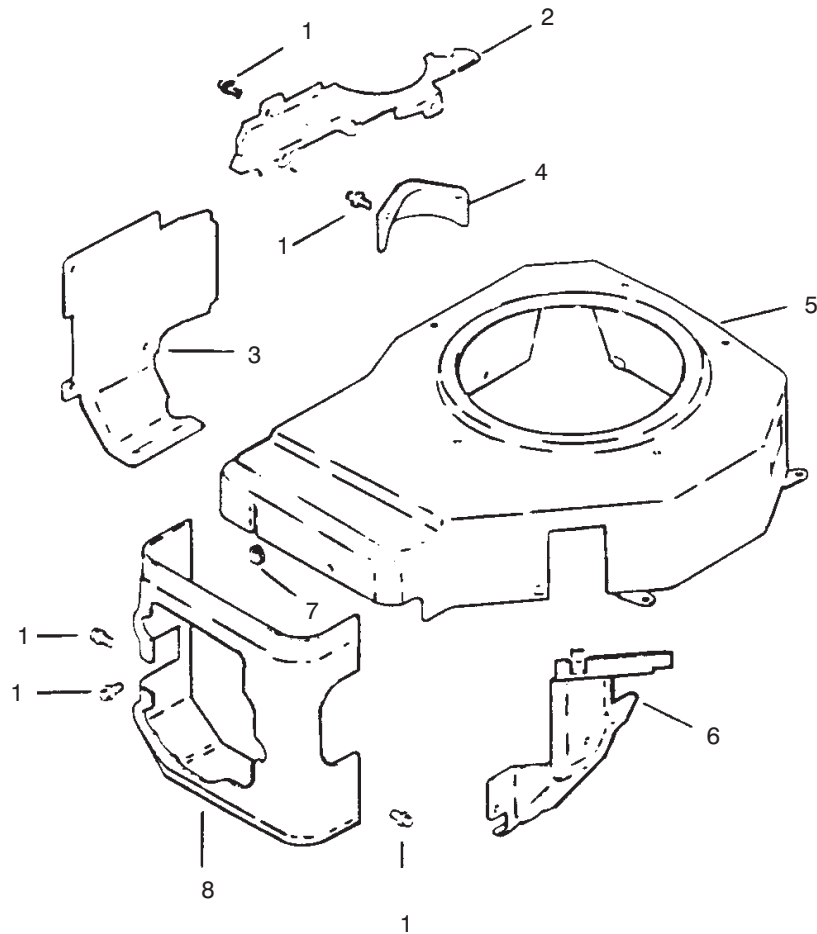


C-1796

## IGNITION / ELECTRICAL

| Ref. No. | Part No.  | Description             | No. Used | Ref. No. | Part No.   | Description                                      | No. Used |
|----------|-----------|-------------------------|----------|----------|------------|--------------------------------------------------|----------|
| 1        | 12 086 14 | Screw — Flywheel        | 1        | 14       | M-0545010  | Screw — Stator Harness                           | 1        |
| 2        | 12 486 03 | Washer — Flywheel       | 1        | 15       | 12 154 02  | Clip — Stator Harness                            | 1        |
| 3        | 12 162 03 | Screen — Grass          | 1        | 16       | 24 085 01  | Stator — 15 Amp.                                 | 1        |
| 4        | M-0639016 | Screw — Fan             | 4        | 17       | 12 132 02  | Spark Plug                                       | 1        |
| 5        | 12 112 01 | Spacer — Fan            | 4        | 18       | X-728-1    | Clip — Kill Lead                                 | 1        |
| 6        | 12 157 01 | Fan                     | 1        | 19       | M-0545010  | Screw — Lead Clip                                | 1        |
| 7        | X-42-15   | Key                     | 1        | 20       | 12 584 02  | Module — Ignition                                | 1        |
| 8        | 12 403 01 | Rectifier — Unregulated | 1        | 21       | SM-0545020 | Screw — Ignition Module                          | 2        |
| 9        | M-0639016 | Screw — Regulator       | 2        |          | 25 518 05  | Lead — Black, Rectifier to Connector(5"—14 Gauge | 1        |
| 10       | 236602    | Connector — Regulator   | 1        | *        |            |                                                  |          |
| 11       | 41 155 03 | Connector               | 1        |          | 12 518 01  | Lead — White, Ground to Kill (9.5"—18 Gauge)     | 1        |
| 12       | 12 025 16 | Flywheel Assembly       | 1        |          |            |                                                  |          |
| 13       | M-0548025 | Screw — Stator          | 4        |          |            |                                                  |          |

\*Not Illustrated

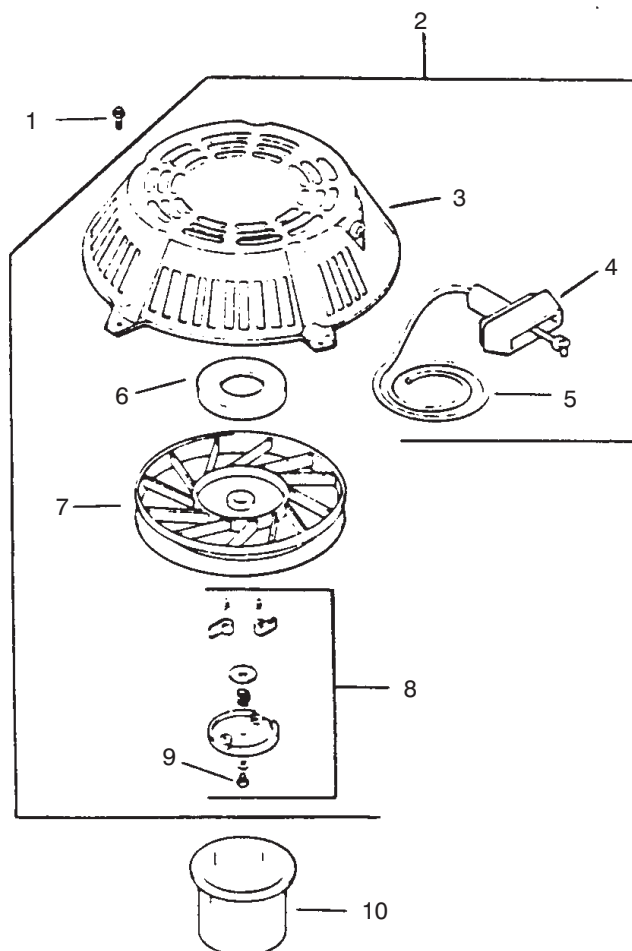


C-1797

BLOWER HOUSING & BAFFLES

| Ref. No. | Part No.  | Description              | No. Used | Ref. No. | Part No.  | Description            | No. Used |
|----------|-----------|--------------------------|----------|----------|-----------|------------------------|----------|
| 1        | M-0545010 | Screw                    | 15       | 6        | 12 063 05 | Baffle – Carburetor    | 1        |
| 2        | 12 146 07 | Plate – Blower Housing   | 1        | 7        | 12 313 03 | Grommet – Blower Hsg   | 1        |
| 3        | 12 063 01 | Baffle – Cylinder Barrel | 1        | 8        | 12 063 03 | Baffle – Cylinder Head | 1        |
| 4        | 12 096 23 | Cover – Starter          | 1        | *        | 12 133 30 | Decal – H.P.           | 1        |
| 5        | 12 027 11 | Housing – Blower         | 1        |          |           |                        |          |

\*Not Illustrated

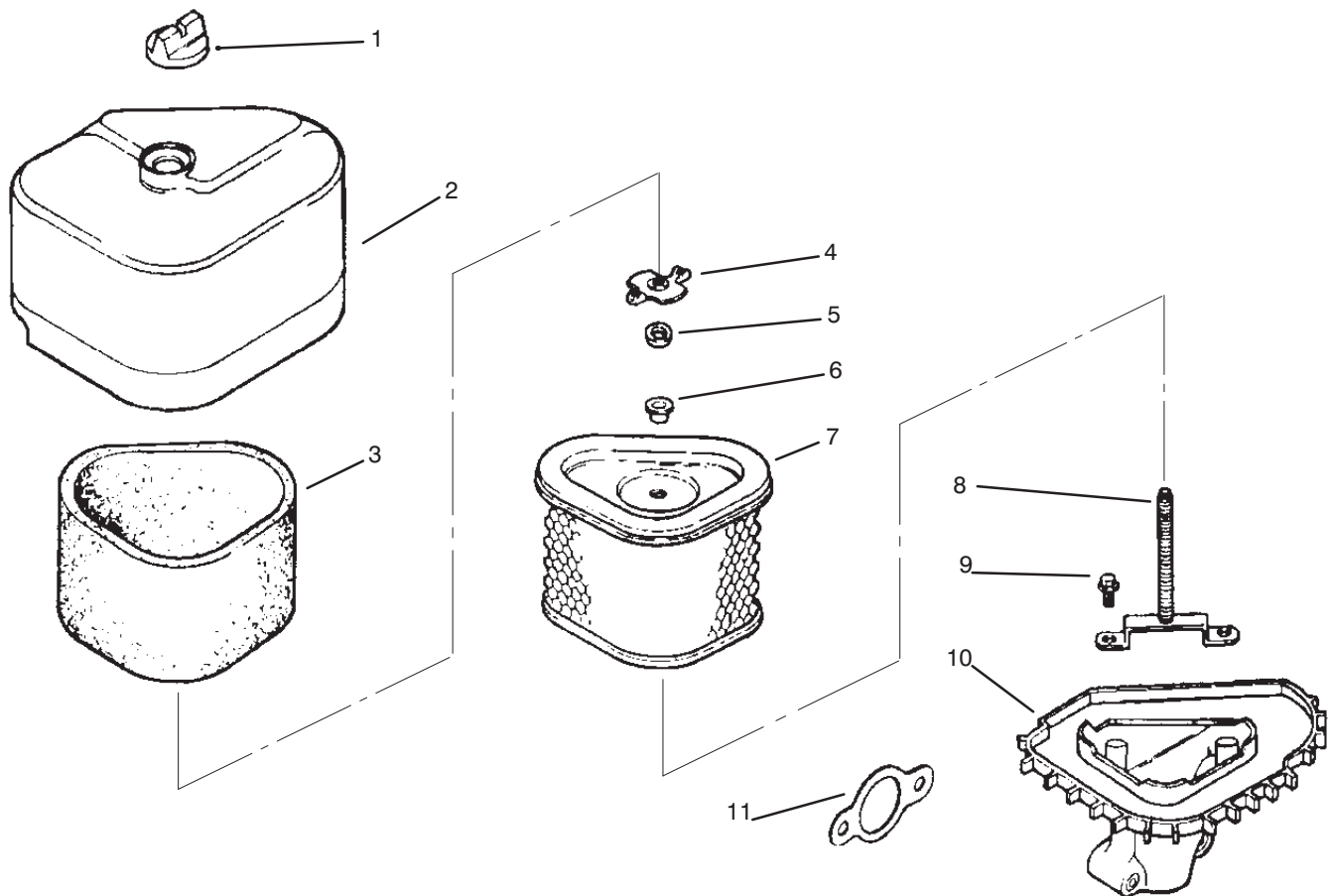


C-1798

## STARTER SYSTEM

| Ref. No. | Part No.  | Description               | No. Used |
|----------|-----------|---------------------------|----------|
| 1        | M-0545010 | Screw                     | 5        |
| 2        | 12 165 01 | Starter (Incl. Ref. #3-9) | 1        |
| 3        | 12 081 01 | Housing - Starter         | 1        |
| 4        | 234452    | Handle - Recoil           | 1        |
| 5        | 12 160 01 | Rope - Starter            | 1        |
| 6        | 12 089 06 | Spring & Keeper           | 1        |

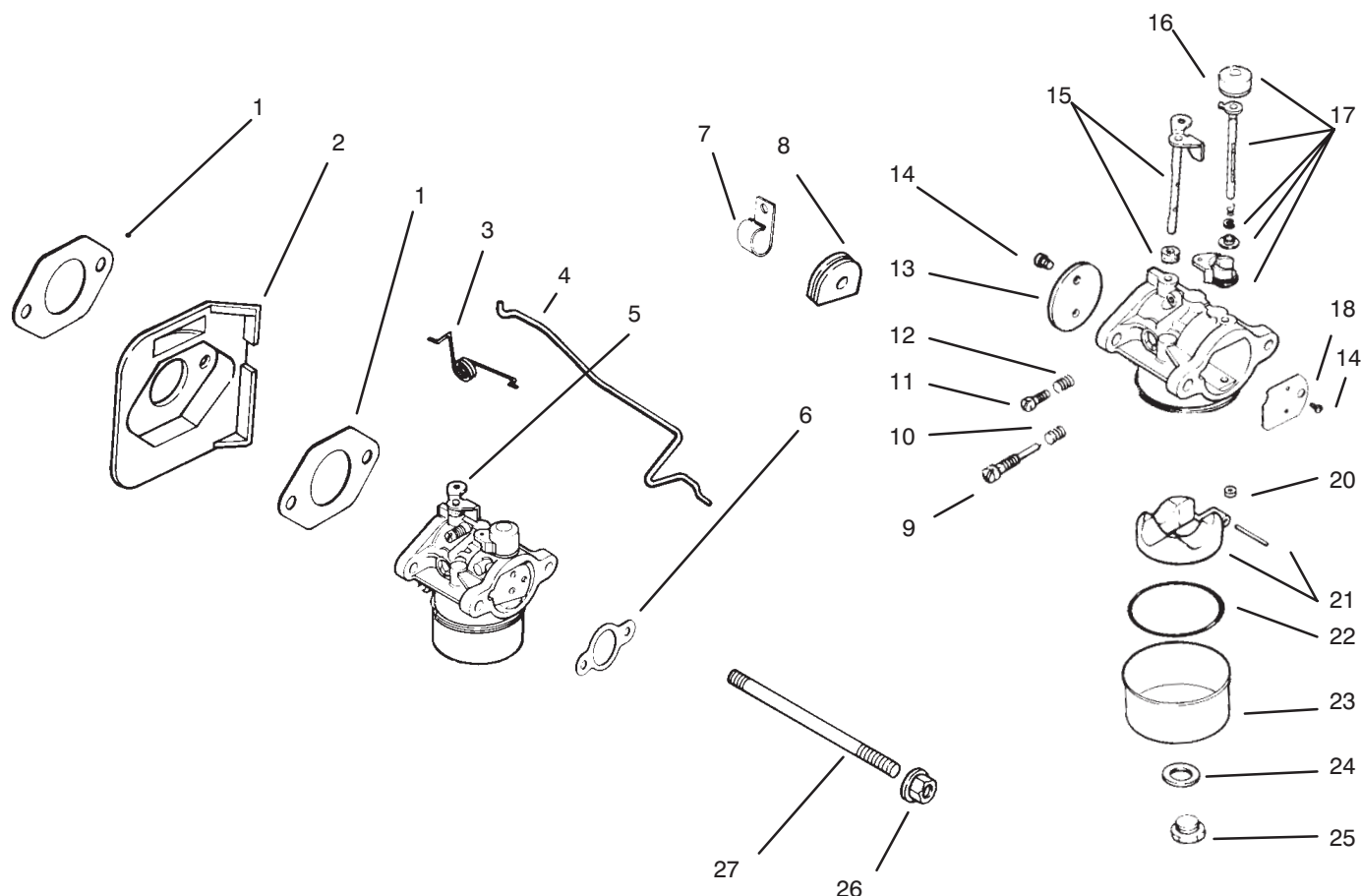
| Ref. No. | Part No.  | Description                           | No. Used |
|----------|-----------|---------------------------------------|----------|
| 7        | 12 093 01 | Pulley                                | 1        |
| 8        | 12 757 06 | Kit - Dog Replacement (Incl. Ref. #9) | 1        |
| 9        | 41 086 09 | Screw - Pozidrive                     | 1        |
| 10       | 15 109 01 | Cup - Driver                          | 1        |
| *        | 12 113 07 | Decal - Starting                      | 1        |



## AIR CLEANER

| Ref. No. | Part No.  | Description              | No. Used |
|----------|-----------|--------------------------|----------|
| 1        | 25 341 02 | Knob - Air Cleaner Cover | 1        |
| 2        | 12 096 16 | Cover - Air Cleaner      | 1        |
| 3        | 12 083 12 | Precleaner - Element     | 1        |
| 4        | 12 100 01 | Nut - Wing               | 1        |
| 5        | X-25-63   | Washer - Flat            | 1        |
| 6        | 12 313 04 | Grommet                  | 1        |
| 7        | 12 083 10 | Element - Air Cleaner    | 1        |

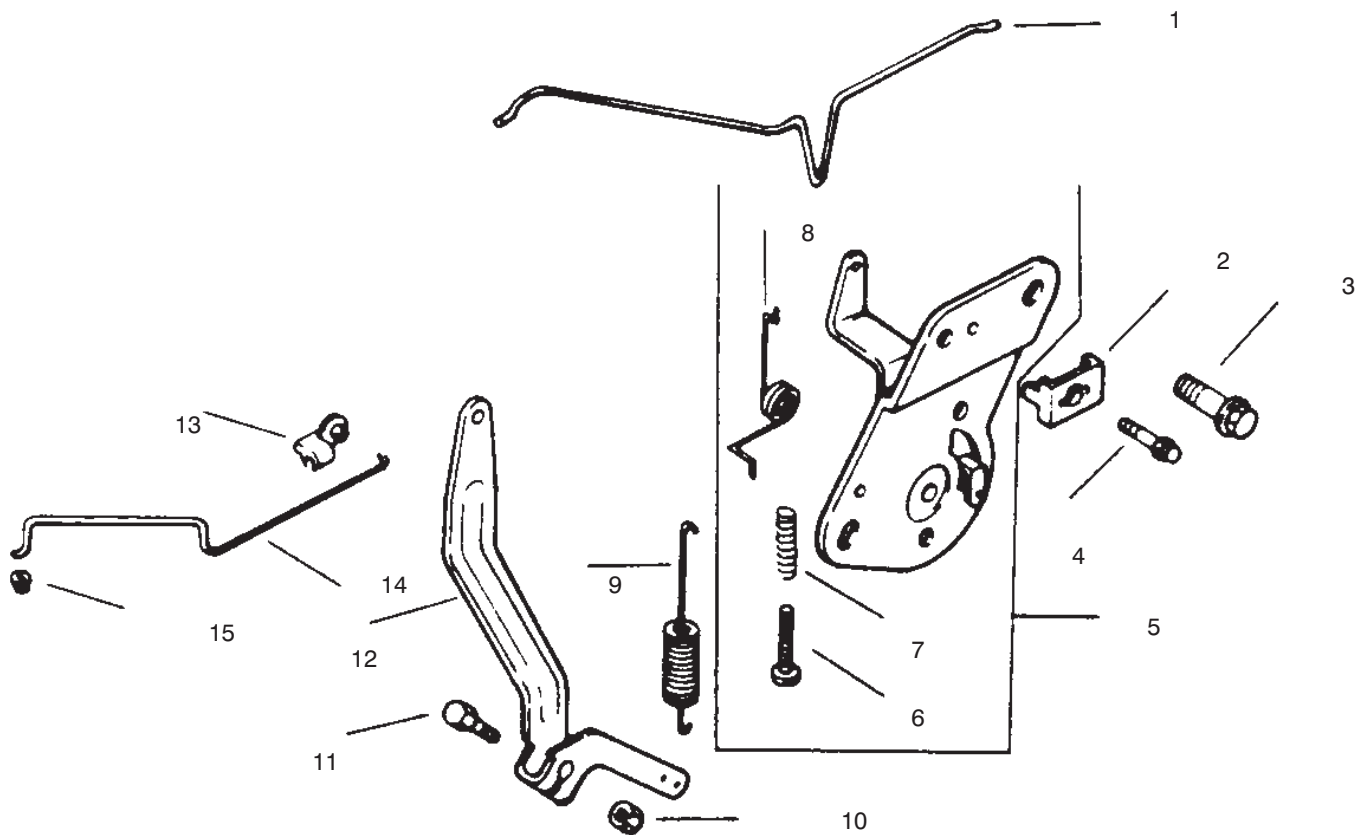
| Ref. No. | Part No.  | Description                             | No. Used |
|----------|-----------|-----------------------------------------|----------|
| 8        | 12 072 04 | Stud - Mounting Plate                   | 1        |
| 9        | 12 086 01 | Screw - Mounting Plate                  | 1        |
| 10       | 12 094 07 | Base - Air Cleaner                      | 1        |
| 11       | 12 041 02 | Gasket - Air Cleaner                    | 1        |
| *        | 12 734 02 | Kit - Air Cleaner<br>(Incl. Ref. #1-11) | 1        |
| *        | 12 113 04 | Decal - Air Cleaner                     | 1        |



## CARBURETOR

| Ref. No. | Part No.  | Description                              | No. Used |
|----------|-----------|------------------------------------------|----------|
| 1        | 12 041 01 | Gasket — Carburetor                      | 2        |
| 2        | 12 265 01 | Deflector — Heat                         | 1        |
| 3        | 12 089 23 | Spring — Choke Return                    | 1        |
| 4        | 12 079 07 | Linkage — Choke                          | 1        |
| 5        | 12 053 43 | Carburetor Assembly<br>(Incl Ref. #9-25) | 1        |
| 6        | 12 041 02 | Gasket — Air Cleaner                     | 1        |
| 7        | 47 154 01 | Clamp — Fuel Line                        | 1        |
| 8        | 12 313 01 | Grommet                                  | 1        |
| 9        | 12 368 05 | Needle — Idle                            | 1        |
| 10       | 12 089 09 | Spring — Idle                            | 1        |
| 11       | 12 086 04 | Screw — Idle                             | 1        |
| 12       | 12 089 09 | Spring — Idle                            | 1        |
| 13       | 12 146 12 | Plate — Throttle                         | 1        |
| 14       | 25 086 27 | Screw — Throttle Plate                   | 2        |
| 15       | 12 144 09 | Shaft Assembly—Throttle                  | 1        |

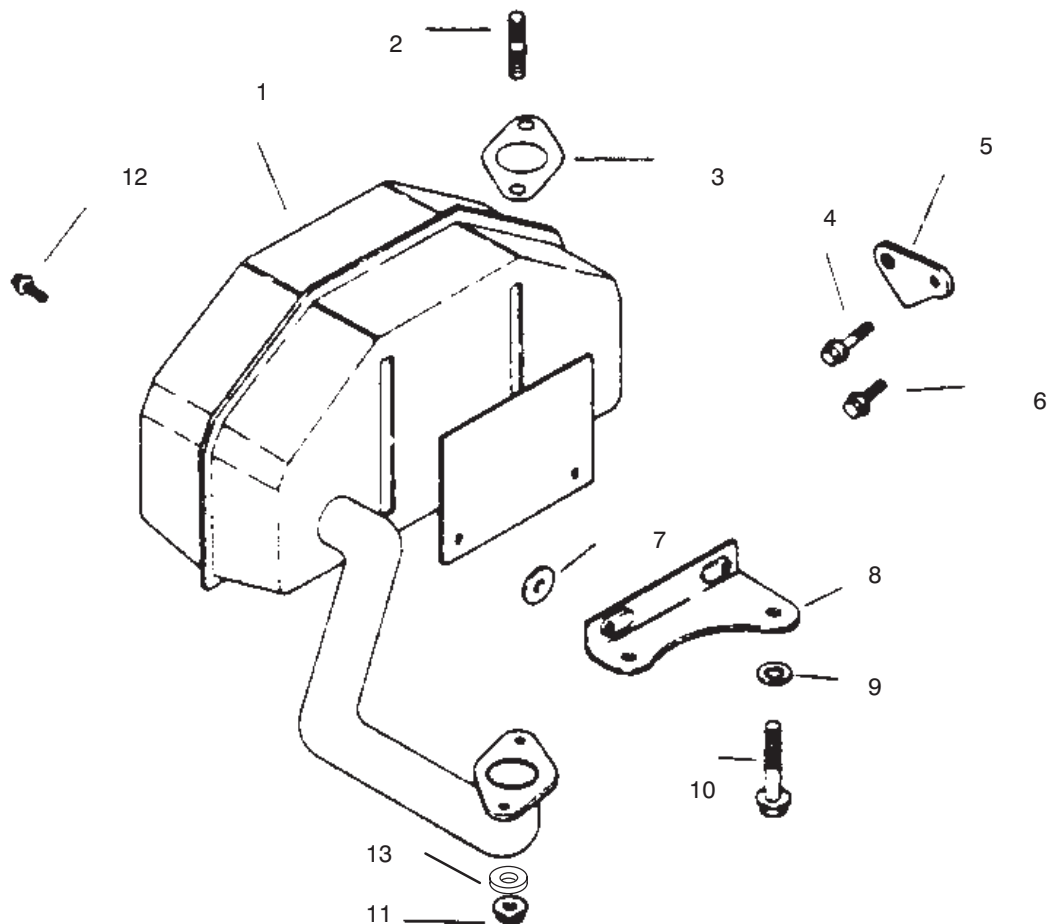
| Ref. No. | Part No.  | Description                           | No. Used |
|----------|-----------|---------------------------------------|----------|
| 16       | 12 173 06 | Cap — Choke Lever                     | 1        |
| 17       | 12 757 08 | Kit — Choke Repair<br>(Incl. Ref.#16) | 1        |
| 18       | 12 146 03 | Plate — Choke                         | 1        |
| 20       | 12 337 04 | Jet — Main                            | 1        |
| 21       | 12 757 02 | Kit — Float                           | 1        |
| 22       | 12 041 05 | Gasket — Bowl                         | 1        |
| 23       | 12 104 01 | Bowl — Fuel                           | 1        |
| 24       | 12 041 06 | Gasket — Bowl                         | 1        |
| 25       | 12 086 05 | Screw — Bowl                          | 1        |
| 26       | M-0641060 | Nut — Carburetor                      | 2        |
| 27       | M-0629122 | Stud — Carburetor                     | 2        |
| *        | 12 757 01 | Kit — Carburetor Repair               | 1        |
| *        | 12 853 43 | Kit — Carburetor<br>(Incl Ref. #2-6)  | 1        |



## ENGINE CONTROLS

| Ref. No. | Part No.   | Description         | No. Used |
|----------|------------|---------------------|----------|
| 1        | 12 079 07  | Linkage – Choke     | 1        |
| 2        | 12 237 01  | Clamp – Cable       | 1        |
| 3        | M-0645016  | Screw – Hex. Hd.    | 2        |
| 4        | SM-0545016 | Screw – Cable Clamp | 1        |
| 5        | 12 536 01  | Control – Speed     |          |
|          |            | ((incl Ref.#6-8))   | 1        |
| 6        | SM-0443025 | Screw               | 1        |
| 7        | 12 089 11  | Spring              | 1        |

| Ref. No. | Part No.   | Description                | No. Used |
|----------|------------|----------------------------|----------|
| 8        | 12 089 23  | Spring – Choke             | 1        |
| 9        | 12 089 19  | Spring – Governor          | 1        |
| 10       | M-0641060  | Nut – Governor             | 1        |
| 11       | SM-0642025 | Screw – Governor           | 1        |
| 12       | 12 090 05  | Lever – Governor           | 1        |
| 13       | 25 158 11  | Bushing – Black Retainer   | 1        |
| 14       | 12 079 01  | Linkage – Throttle         | 1        |
| 15       | 25 158 08  | Bushing – Natural, Linkage | 1        |



## EXHAUST

| Ref. No. | Part No.  | Description             | No. Used |
|----------|-----------|-------------------------|----------|
| 1        | 12 068 03 | Muffler                 | 1        |
| 2        | M-0829033 | Stud - Exhaust Manifold | 2        |
| 3        | 12 041 03 | Gasket - Exhaust        | 1        |
| 4        | M-0645025 | Screw - Lifting Strap   | 1        |
| 5        | 12 445 06 | Strap - Lifting         | 1        |
| 6        | M-0645020 | Screw - Valve Cover     | 1        |
| 7        | X-25-52   | Washer                  | 2        |
| 8        | 12 126 39 | Bracket - Muffler       | 1        |

| Ref. No. | Part No.  | Description     | No. Used |
|----------|-----------|-----------------|----------|
| 9        | 12 468 01 | Washer - Flat   | 1        |
| 10       | 12 086 13 | Screw - Oil Pan | 1        |
| 11       | M-0841080 | Nut - Muffler   | 2        |
| 12       | M-0650012 | Screw - Muffler | 2        |
| 13       | 3253-4    | Washer          | 2        |
| *        | 12 755 01 | Gasket Set      | 1        |
|          | 12 755 30 | Kit - Bracket   | 1        |

# TORO PART NUMBER INDEX

| Part No. | Description                 | Pg. Ref.<br>No. No. Qty. | Part No. | Description            | Pg. Ref.<br>No. No. Qty. |
|----------|-----------------------------|--------------------------|----------|------------------------|--------------------------|
| 112843   | Washer — PTO                | 3 12 1                   | 71-1280  | Decal — Danger         | 6 41 1                   |
| 608006   | Key — Crankshaft            | 3 15 1                   | 71-3040  | Kit — Axle Replacement | 2 * 1                    |
| 7-5461   | Spacer                      | 5 5 1                    | 72-2190  | Mount — Shift Lever    | 5 4 1                    |
| 10-8110  | Washer — Flat               | 5 29A/R                  | 74-0040  | Spacer — Pivot Idler   | 1 19 4                   |
| 12-3270  | Screw — Hex Head            | 2 37 1                   | 74-0050  | Sheave — Lower Half    | 3 10 1                   |
| 26-9671  | Belt — Traction             | 5 39 1                   | 74-0060  | Sheave — Upper Half    | 3 9 1                    |
| 29-5560  | Switch — On/Off             | 6 33 1                   | 74-0220  | Idler — Bracket L.H.   | 1 8 1                    |
| 44-8310  | Ring — Retaining            | 4 3 2                    | 74-0230  | Idler — Bracket R.H.   | 1 * 1                    |
| 44-8320  | Spring                      | 4 10 3                   | 74-0320  | Lever — Shift          | 5 9 1                    |
| 44-8330  | Spacer — Pulley Bearing     | 4 6 1                    | 74-0360  | Frame — Rear           | 1 31 1                   |
| 44-8340  | Collar — Bearing            | 4 7 1                    | 74-0380  | Control — Pivot        | 6 21 1                   |
| 44-8360  | Field Coil, Rotor & Bearing | 4 4 1                    | 74-0470  | Rod — Pivot            | 6 19 1                   |
| 47-1970  | Grip — Engagement           | 5 8 1                    | 74-0480  | Pulley — Drive         | 5 17 2                   |
| 47-2964  | Line — Fuel                 | 3 5 1                    | 74-0490  | Decal — Fuel Shut Off  | 1 30 1                   |
| 47-2982  | Hose — Fuel                 | 1 3 1                    | 74-0510  | Valve — Fuel           | 2 32 1                   |
| 51-4160  | Pulley — Wheel              | 5 30 4                   | 74-0521  | Fitting — Rod          | 1 10 2                   |
| 51-4170  | Spacer — Pulley             | 5 31 8                   | 74-0610  | Transmission           | 5 3 1                    |
| 51-4180  | Drum — Brake                | 5 32 2                   | 74-0630  | Control — Throttle     | 6 8 1                    |
| 51-4190  | Pulley — Driven             | 5 40 1                   | 74-0720  | Tube — Manual          | 6 2 1                    |
| 51-4220  | Guard — Coupler             | 5 43 2                   | 74-0930  | Guard — Pulley         | 3 16 1                   |
| 51-4230  | Washer — Wheel              | 5 37 2                   | 74-0950  | Elbow                  | 3 19 2                   |
| 51-4240  | Shaft — Extension R.H.      | 5 14 1                   | 82-2180  | Panel — Control        | 6 3 1                    |
| 51-4250  | Shaft — Extension L.H.      | 5 * 1                    | 82-2190  | Switch — Bail          | 6 13 1                   |
| 51-4260  | Coupler                     | 5 45 2                   | 82-2260  | Wire Harness           | 7 1 1                    |
| 51-4270  | Bearing — Shaft Extension   | 5 12 2                   | 82-2260  | Wire Harness           | 6 27 1                   |
| 51-4291  | Belt — Drive                | 5 18 2                   | 82-2280  | Decal — Reverse Handle | 6 22 1                   |
| 51-4370  | Spring — Torsion R.H.       | 1 * 1                    | 82-2290  | Decal — Bar Control    | 6 12 1                   |
| 51-4380  | Spring — Torsion L.H.       | 1 17 1                   | 82-2300  | Switch — Clutch        | 6 6 1                    |
| 51-4450  | Screw — Leveler             | 1 18 2                   | 82-3820  | Boot — Switch          | 6 31 1                   |
| 51-4480  | Idler — Wheel               | 1 15 2                   | 82-7632  | Rod — Control          | 6 5 2                    |
| 51-4490  | Spacer — Idler Wheel        | 1 16 2                   | 82-7680  | Bail — Handle          | 6 11 1                   |
| 51-4540  | Retainer — Clutch           | 3 17 1                   | 82-7690  | Bar — Control          | 6 10 1                   |
| 51-4580  | Rod — Brake                 | 5 19 2                   | 82-7730  | Decal — Proline        | 6 4 1                    |
| 51-4650  | Link — Brake                | 5 22 2                   | 82-7750  | Decal — Ground Speed   | 1 29 1                   |
| 51-4660  | Plate — Link Brake          | 5 35 2                   | 82-8440  | Fuel Tank Assembly     | 2 34 1                   |
| 51-4700  | Brake Band Assembly         | 5 33 2                   | 86-7910  | Module — Interlock     | 7 3 1                    |
| 51-4810  | Pulley — Idler              | 1 23 1                   | 86-7910  | Module — Interlock     | 6 38 1                   |
| 51-4850  | Lever — Brake, Parking      | 6 18 1                   | 92-1746  | Bearing                | 5 27 4                   |
| 52-2010  | Decal — Parking Brake       | 6 9 1                    | 93-1161  | Frame                  | 1 24 1                   |
| 52-2890  | Bushing                     | 2 35 2                   | 93-1163  | Wheel & Tire Assembly  | 5 * 2                    |
| 54-0230  | Field Assembly              | 4 1 1                    | 93-1181  | Rim                    | 5 24 2                   |
| 54-3200  | Clutch Assembly             | 3 11 1                   | 218-461  | Nut                    | 6 35 1                   |
| 55-3570  | Cap — Fuel Tank             | 1 1 1                    | 218-595  | Connector — Body       | 6 32 1                   |
| 55-7410  | Armature & Pulley Assembly  | 4 5 1                    | 231-94   | Tire                   | 5 23 2                   |
| 56-6360  | Filter — Fuel               | 3 4 1                    | 232-27   | Valve Stem             | 5 25 2                   |
| 57-5811  | Panel — Bottom              | 6 28 1                   | 237-7    | "O"Ring                | 2 33 1                   |
| 57-6360  | Screw — Hex. Hd.            | 3 14 1                   | 237-124  | Grommet                | 1 21 1                   |
| 57-6380  | Screw — Hex. Hd.            | 3 8 4                    | 237-141  | Grommet — Rubber       | 6 17 2                   |
| 63-7590  | Relay                       | 7 2 1                    | 2412-87  | Clamp                  | 3 21 1                   |
| 63-7590  | Relay                       | 6 37 1                   | 2412-98  | Clamp — Fuel Filter    | 3 3 2                    |
| 63-8360  | Key                         | 6 34 2                   | 2412-98  | Clamp — Fuel line      | 1 2 1                    |
| 63-8440  | Decal — Hot                 | 3 2 1                    | 2412-108 | Clamp                  | 3 23 1                   |
| 65-3090  | Decal — Instructions        | 6 42 1                   | 2412-120 | "R"Clamp               | 6 29 2                   |
| 66-7400  | Plate — Control             | 1 28 1                   | 251-291  | Bearing — Pulley       | 4 8 1                    |
| 67-6370  | Bracket — Support R.H.      | 1 * 1                    | 251-292  | Bearing — Field        | 4 2 1                    |
| 67-6380  | Bracket — Support L.H.      | 1 11 1                   | 283-6    | Pin — Clevis           | 1 9 2                    |
| 67-6400  | Brake Arm R.H.              | 5 * 1                    | 288-4    | Cap — Pipe             | 3 18 1                   |
| 67-6420  | Brake Arm L.H.              | 5 20 1                   | 289-51   | Nipple                 | 3 20 1                   |
| 67-6440  | Handle — Upper              | 6 1 1                    | 302-5    | Fitting — Grease       | 5 44 2                   |
| 68-9690  | Fitting — Rod               | 1 6 2                    | 302-57   | Fitting — Grease       | 5 28 2                   |

\*Not Illustrated

# TORO PART NUMBER INDEX (Cont.)

| Part No. | Description            | Pg. Ref.<br>No. No. Qty. | Part No. | Description              | Pg. Ref.<br>No. No. Qty. |
|----------|------------------------|--------------------------|----------|--------------------------|--------------------------|
| 321-2    | Screw                  | 3 22 1                   | 3290-307 | Pin - Cotter             | 1 7 4                    |
| 321-2    | Screw - Hex. Hd.       | 6 39 2                   | 3290-307 | Pin - Cotter             | 6 15 2                   |
| 321-4    | Screw - Hex. Hd.       | 5 13 5                   | 3290-307 | Pin - Cotter             | 5 42 2                   |
| 322-2    | Screw - Hex. Hd.       | 5 1 4                    | 3290-378 | Cable Tie                | 6 24 2                   |
| 322-4    | Screw - Hex. Hd.       | 1 26 4                   | 3296-2   | Nut - Lock               | 6 7 5                    |
| 322-7    | Screw - Hex. Hd.       | 5 34 8                   | 3296-5   | Nut - Lock               | 4 9 3                    |
| 323-6    | Screw - Hex. Hd.       | 1 13 6                   | 3296-23  | Nut - Lock               | 1 14 2                   |
| 323-9    | Screw - Hex. Hd.       | 1 22 1                   | 3296-39  | Nut - Lock               | 1 20 8                   |
| 323-16   | Screw - Hex. Hd.       | 1 12 2                   | 3296-42  | Nut - Lock               | 6 40 2                   |
| 329-10   | Screw - Hex. Hd.       | 5 7 1                    | 3296-42  | Nut - Lock               | 5 10 4                   |
| 3234-11  | Screw - Hex. Hd.       | 6 25 4                   | 32103-25 | Nut - Wing               | 1 4 2                    |
| 3245-1   | Screw - Socket Hd. Set | 5 38 1                   | 32105-1  | Screw - Hex. Hd. Machine | 6 14 1                   |
| 3245-3   | Screw - Socket Hd. Set | 5 16 2                   | 32105-14 | Screw - Hex. Hd. Machine | 6 23 4                   |
| 3253-4   | Washer - Lock          | 5 2 12                   | 32120-64 | Ring - Retaining         | 5 11 3                   |
| 3253-4   | Washer - Lock          | 3 7 3                    | 32128-21 | Nut - Hex. Flange        | 1 25 1                   |
| 3253-4   | Washer - Lock          | 1 27 4                   | 32128-21 | Nut - Hex. Flange        | 6 26 4                   |
| 3254-5   | Washer - Lock          | 6 36 1                   | 32144-19 | Screw - Self Tapping     | 6 30 5                   |
| 3255-7   | Washer - Lock          | 2 38 2                   | 32151-40 | Ring - Retaining         | 5 21 2                   |
| 3256-23  | Washer - Flat          | 1 5 10                   | 32151-56 | Ring - Retaining         | 5 41 2                   |
| 3256-23  | Washer - Flat          | 3 6 6                    | 32151-72 | Ring - Retaining         | 5 36 4                   |
| 3256-24  | Washer                 | 2 36 1                   | 32151-80 | Ring - Push On           | 6 20 2                   |
| 3257-5   | Key - Woodruff         | 5 15 3                   | 32151-91 | Ring - Retaining         | 5 26 2                   |

## TABLE OF CONTENTS

| Description                  | Page | Description                           | Page |
|------------------------------|------|---------------------------------------|------|
| Frame Assembly .....         | 1    | Cylinder Head, Valve / Breather ..... | 11   |
| Engine Assembly .....        | 3    | Ignition / Electrical .....           | 12   |
| Clutch Assembly .....        | 4    | Blower Housing & Baffles .....        | 13   |
| Axle Assemble .....          | 5    | Starting System .....                 | 14   |
| Handle Assembly .....        | 6    | Air Cleaner .....                     | 15   |
| Electric Schematic .....     | 7    | Carburetor .....                      | 16   |
| Transmission, Peerless ..... | 8    | Engine Controls .....                 | 17   |
| Engine Kohler                |      | Exhaust .....                         | 18   |
| Crankcase & Crankshaft ..... | 9    | Numeric Index .....                   | 19   |
| Oil Pan / Lubrication .....  | 10   |                                       |      |

## OPTIONAL EQUIPMENT

| Description            | Model / Part No. | Description                     | Model / Part No. |
|------------------------|------------------|---------------------------------|------------------|
| Optional Equipment     |                  | Steerable Sulky .....           | Model No. 30123  |
| 32" Cutting Unit ..... | Model No. 30133  | Kits                            |                  |
| 36" Cutting Unit ..... | Model No. 30136  | Bagging For 32" Deck .....      | Model No. 30124  |
| 37" Cutting Unit ..... | Model No. 30737  | Bagging For 36" Deck .....      | Model No. 30125  |
| 44" Cutting Unit ..... | Model No. 30144  | Bagging For 37" Deck .....      | Model No. 30129  |
| 48" Cutting Unit ..... | Model No. 30148  | Bagging For 44 & 52" Deck ..... | Model No. 30128  |
| 52" Cutting Unit ..... | Model No. 30152  | Front Weight .....              | Part No. 80-3350 |
| Standard Sulky .....   | Model No. 30122  |                                 |                  |