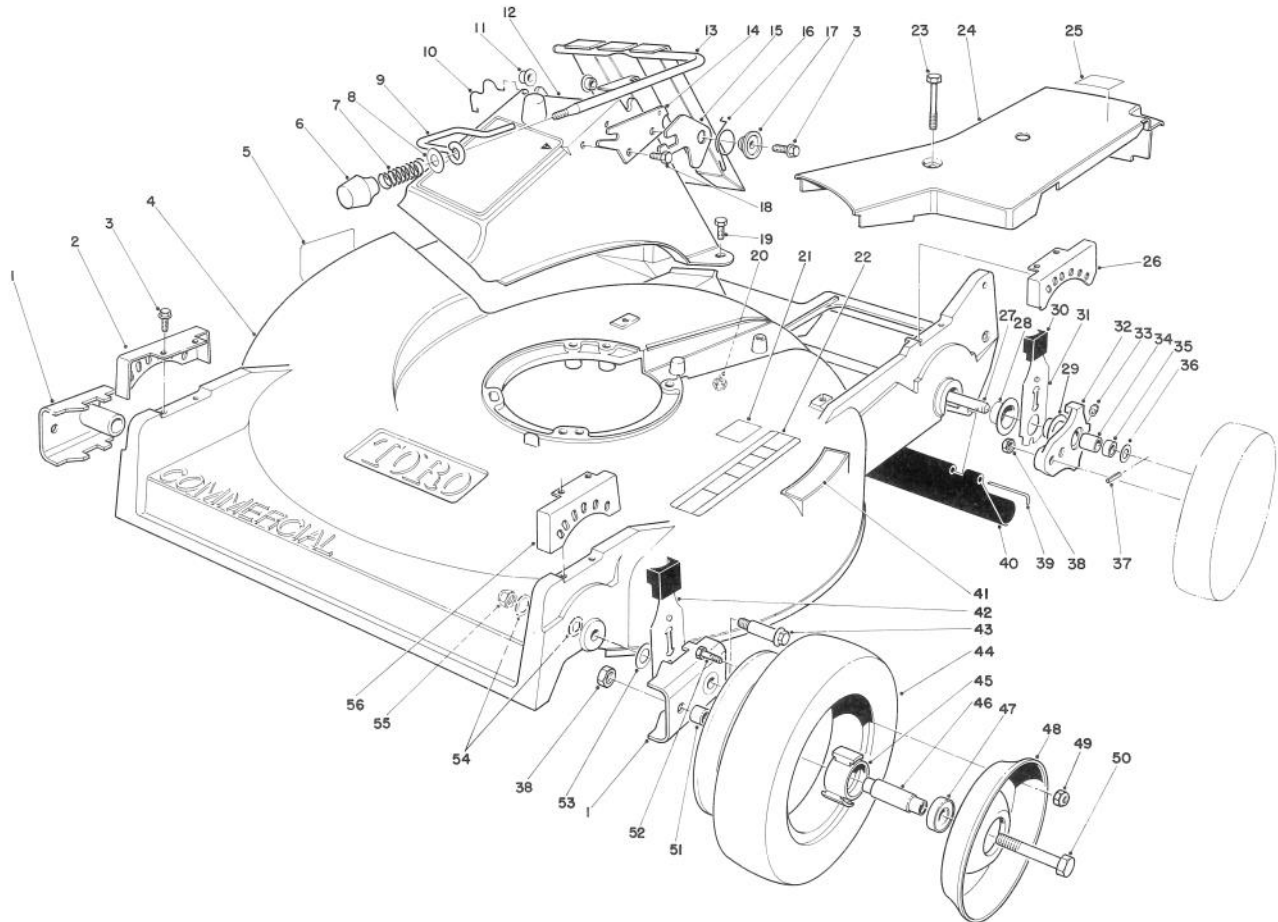


# TORO®

Model No. 22030-0000001 & UP  
Model No. 22035-0000001 & UP

## PARTS CATALOG

### 21" Commercial Rear Bagger HP & SP 2-Cycle



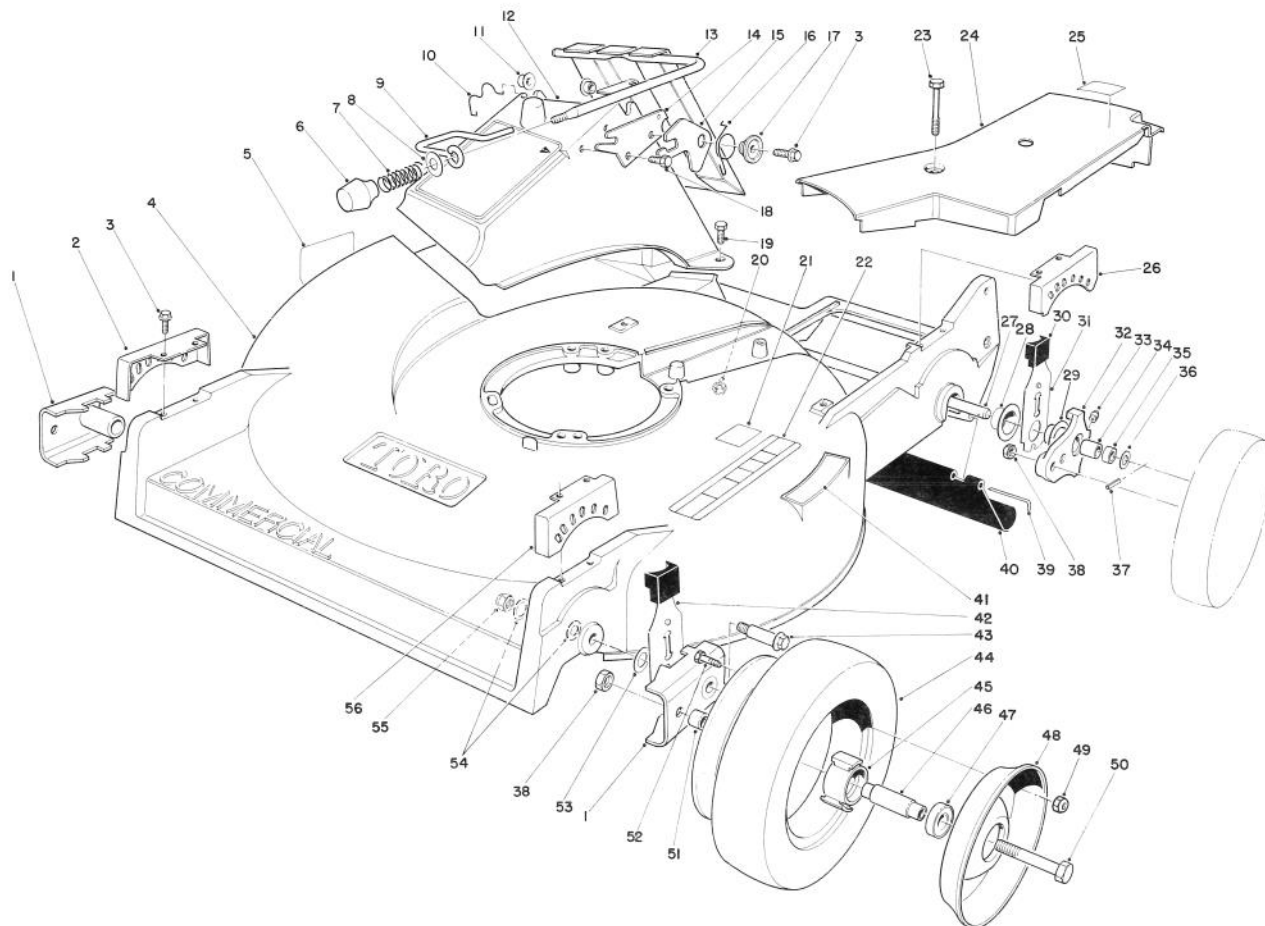
T-0733-90

## HOUSING ASSEMBLY (Model 22030)

| Ref. No. | Part No. | Description                                         | No. Used |
|----------|----------|-----------------------------------------------------|----------|
| 1        | 61-8300  | Pivot Arm Assembly                                  | 2        |
| 2        | 49-8770  | Quadrant - Front, R.H.                              | 1        |
| 3        | 49-2040  | Screw - Thread Forming                              | 9        |
| 4        | 12-6189  | Housing - Commercial<br>(Incl. Ref. #5, 21-22 & 41) | 1        |
| 5        | 39-5770  | Decal - Danger                                      | 1        |
| 6        | 233-37   | Knob                                                | 1        |
| 7        | 23-0920  | Spring - Compression                                | 1        |
| 8        | 3256-25  | Washer - Flat                                       | 1        |
| 9        | 23-0940  | Latch - Door                                        | 1        |
| 10       | 33-4830  | Retainer - Door                                     | 1        |
| 11       | 23-0880  | Bushing                                             | 2        |
| 12       | 36-1350  | Chute - Discharge                                   | 1        |
| 13       | 33-5660  | Handle - Door                                       | 1        |
| 14       | 23-1040  | Plate - Latch                                       | 1        |

| Ref. No. | Part No. | Description                 | No. Used |
|----------|----------|-----------------------------|----------|
| 15       | 42-4010  | Latch - Safety              | 1        |
| 16       | 33-4860  | Spring - Torsion            | 1        |
| 17       | 43-4840  | Spacer - Latch              | 1        |
| 18       | 32104-17 | Screw - Cap, Hex. Hd.       | 1        |
| 19       | 321-7    | Screw - Cap, Hex. Hd.       | 2        |
| 20       | 3296-42  | Nut - Lock                  | 2        |
| 21       |          | Decal - Safety Standard     | 1        |
| 22       | 71-1280  | Decal - Safety Instructions | 1        |
| 23       | 37-7260  | Screw - Special             | 2        |
| 24       | 63-9441  | Cover - Belt                | 1        |
| 25       | 52-2610  | Label - Grease              | 1        |
| 26       | 49-8740  | Quadrant - Rear, L.H.       | 1        |
| *        | 49-8750  | Quadrant - Rear, R.H.       | 1        |
| 27       | 49-8790  | Shaft - Axle, Rear          | 1        |
| 28       | 48-2170  | Cap - End                   | 2        |

\*Not Illustrated

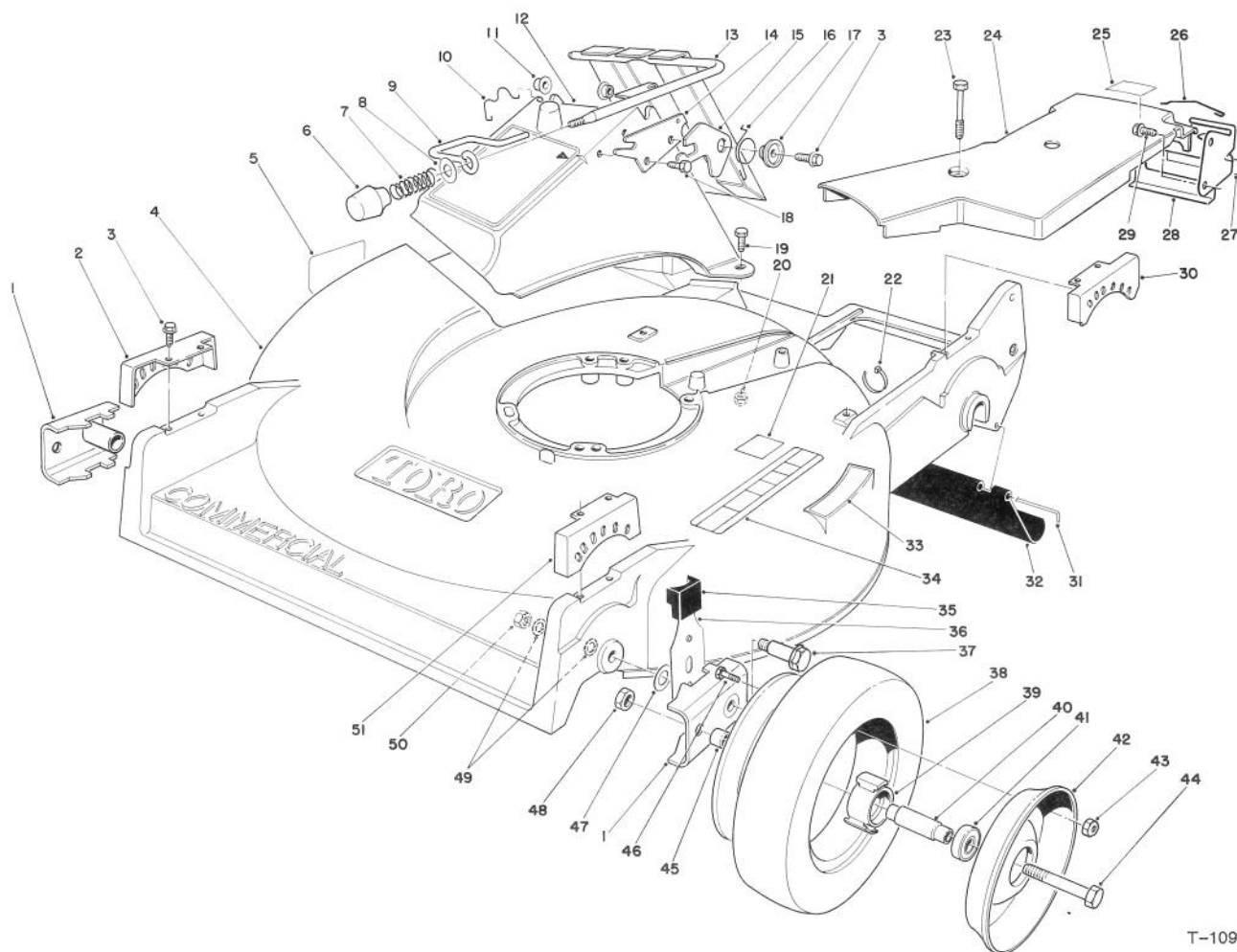


T-0733-90

## HOUSING ASSEMBLY (Model 22030) (Continued)

| Ref. No. | Part No.  | Description                    | No. Used | Ref. No. | Part No. | Description                                       | No. Used |
|----------|-----------|--------------------------------|----------|----------|----------|---------------------------------------------------|----------|
| 29       | 36-4770   | Washer                         | A/R      | 45       | 52-2410  | Hub - Support, Bearing                            | 4        |
| 30       | 25-7740   | Knob - Arm                     | 4        | 46       | 52-2440  | Spacer - Bearing                                  | 4        |
| 31       | 66-7561   | Spring Arm Assy. Rear          | 2        | 47       | 52-2450  | Bearing                                           | 8        |
| 32       | 42-3510   | Pivot Arm<br>(Incl. Ref.33-35) | 2        | 48       | 53-7780  | Plate - Wheel Half                                | 8        |
| 33       | 302-56    | Fitting - Grease               | 2        | 49       | 3296-42  | Nut - Lock                                        | 16       |
| 34       | 47-2900   | Bushing                        | 2        | 50       | 323-12   | Screw - Cap, Hex. Hd.                             | 4        |
| 35       | 47-2890   | Bushing                        | 2        | 51       | 52-2480  | Spacer - Wheel                                    | 4        |
| 36       | 36-4780   | Washer - Thrust                | 2        | 52       | 321-2    | Screw - Cap, Hex. Hd.                             | 16       |
| 37       | 32121-108 | Pin - Roll                     | 2        | 53       | 257-3    | Washer - Pivot                                    | 2        |
| 38       | 32152-2   | Nut - Lock                     | 4        | 54       | 40-1940  | Washer - Hardened                                 | 4        |
| 39       | 33-3208   | Rod - Shield                   | 1        | 55       | 52-3620  | Nut - Lock                                        | 2        |
| 40       | 44-0580   | Shield - Rear, Safety          | 1        | 56       | 49-8760  | Quadrant - Front, L.H.                            | 1        |
| 41       | 46-7370   | Decal - Step Pad               | 1        | *        | 53-7720  | Wheel & Tire Assembly<br>(Incl. Ref. #44-49 & 52) | 4        |
| 42       | 66-7560   | Spring Arm Assy. Front         | 2        | *        | 11-5639  | Chute & Door Assembly<br>(Incl. Ref. #3 & 6-20)   | 1        |
| 43       | 27-6231   | Screw - Pivot                  | 2        |          |          |                                                   |          |
| 44       | 53-7740   | Tire                           | 4        |          |          |                                                   |          |

\*Not Illustrated



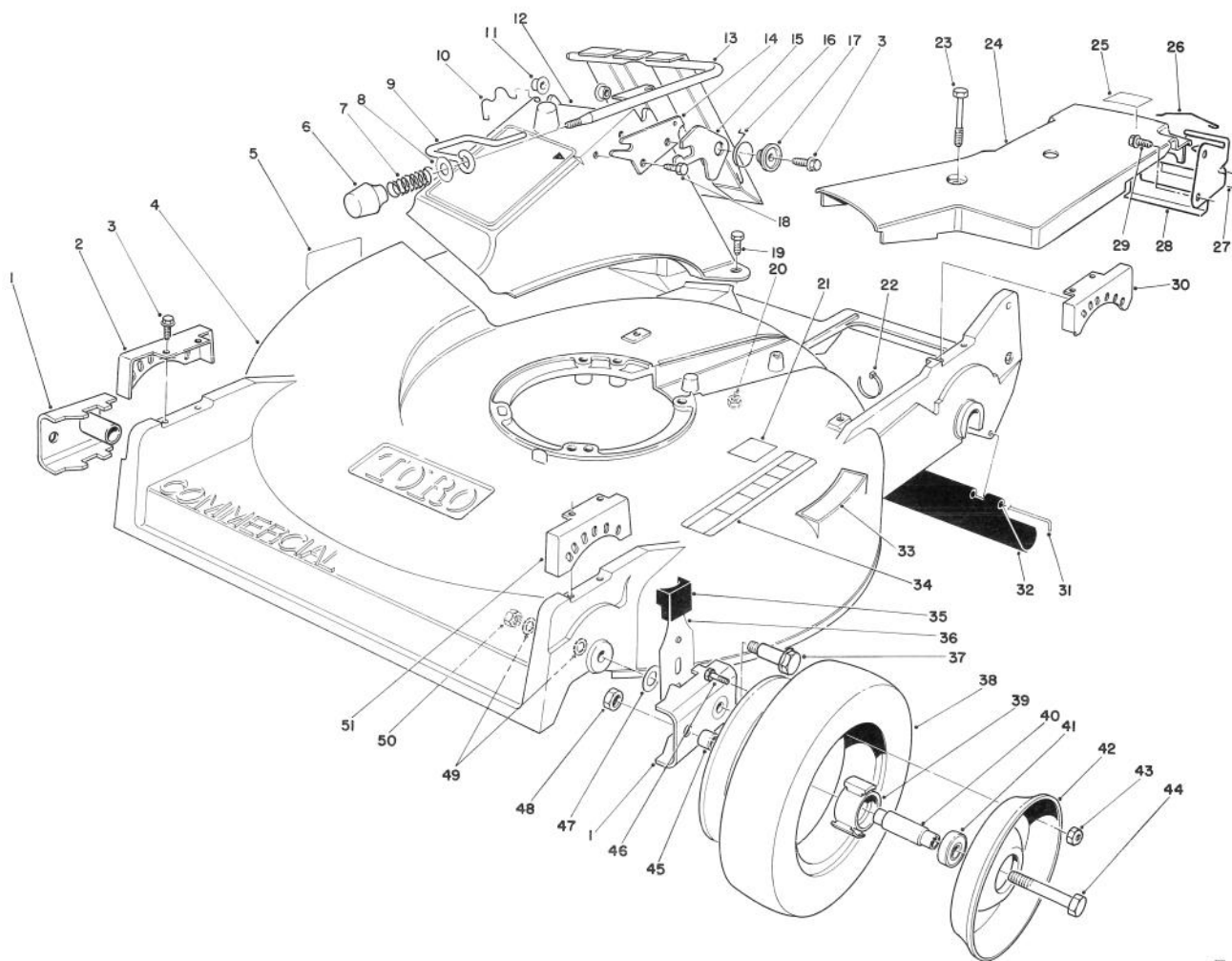
T-1098-90

## HOUSING ASSEMBLY (Model 22035)

| Ref. No. | Part No. | Description                                          | No. Used |
|----------|----------|------------------------------------------------------|----------|
| 1        | 61-8300  | Pivot Arm Assembly                                   | 2        |
| 2        | 49-8770  | Quadrant - Front, R.H.                               | 1        |
| 3        | 49-2040  | Screw - Thread Forming                               | 9        |
| 4        | 12-6189  | Housing - Commercial<br>(Incl. Ref. #5, 21, & 33-34) | 1        |
| 5        | 39-5770  | Decal - Danger                                       | 1        |
| 6        | 233-37   | Knob                                                 | 1        |
| 7        | 23-0920  | Spring - Compression                                 | 1        |
| 8        | 3256-25  | Washer                                               | 1        |
| 9        | 23-0940  | Latch - Door                                         | 1        |
| 10       | 33-4830  | Retainer - Door                                      | 1        |
| 11       | 23-0880  | Bushing                                              | 2        |
| 12       | 36-1350  | Chute - Discharge                                    | 1        |
| 13       | 33-5660  | Handle - Door                                        | 1        |
| 14       | 23-1040  | Plate - Latch                                        | 1        |
| 15       | 42-4010  | Latch - Safety                                       | 1        |
| 16       | 33-4860  | Spring - Torsion                                     | 1        |
| 17       | 43-4840  | Latch - Spacer                                       | 1        |
| 18       | 32104-17 | Screw - Self Tapping                                 | 1        |
| 19       | 321-7    | Screw - Cap, Hex. Hd.                                | 2        |
| 20       | 3296-42  | Nut - Lock                                           | 2        |
| 21       |          | Decal - Safety Standard                              | 1        |
| 22       | 3290-378 | Tie - Cable                                          | 1        |

| Ref. No. | Part No. | Description                 | No. Used |
|----------|----------|-----------------------------|----------|
| 23       | 37-7260  | Screw - Special             | 2        |
| 24       | 74-1770  | Cover - Belt                | 1        |
| 25       | 52-2620  | Label - Grease              | 1        |
| 26       | 46-7030  | Retainer - Cable            | 1        |
| 27       | 74-1970  | Decal - Traction Drive      | 1        |
| 28       | 74-1740  | Bracket - Traction Adj.     | 1        |
| 29       | 32144-70 | Screw - Thread Forming      | 1        |
| 30       | 49-8740  | Quadrant - Rear, L.H.       | 1        |
| *        | 49-8750  | Quadrant - Rear, R.H.       | 1        |
| 31       | 33-3208  | Rod - Shield                | 1        |
| 32       | 44-0580  | Shield - Rear, Safety       | 1        |
| 33       | 46-7370  | Decal - Step Pad            | 1        |
| 34       | 71-1280  | Decal - Safety Instructions | 1        |
| 35       | 25-7740  | Knob - Arm                  | 2        |
| 36       | 66-7560  | Spring Arm Assy. Front      | 2        |
| 37       | 27-6231  | Screw - Pivot               | 2        |
| 38       | 53-7740  | Tire                        | 2        |
| 39       | 52-2410  | Hub - Support, Bearing      | 2        |
| 40       | 52-2440  | Spacer - Bearing            | 2        |
| 41       | 52-2450  | Bearing - Wheel             | 4        |
| 42       | 53-7780  | Plate - Wheel Half          | 4        |
| 43       | 3296-42  | Nut - Lock                  | 8        |
| 44       | 323-12   | Screw - Cap, Hex. Hd.       | 2        |

\* Not Illustrated

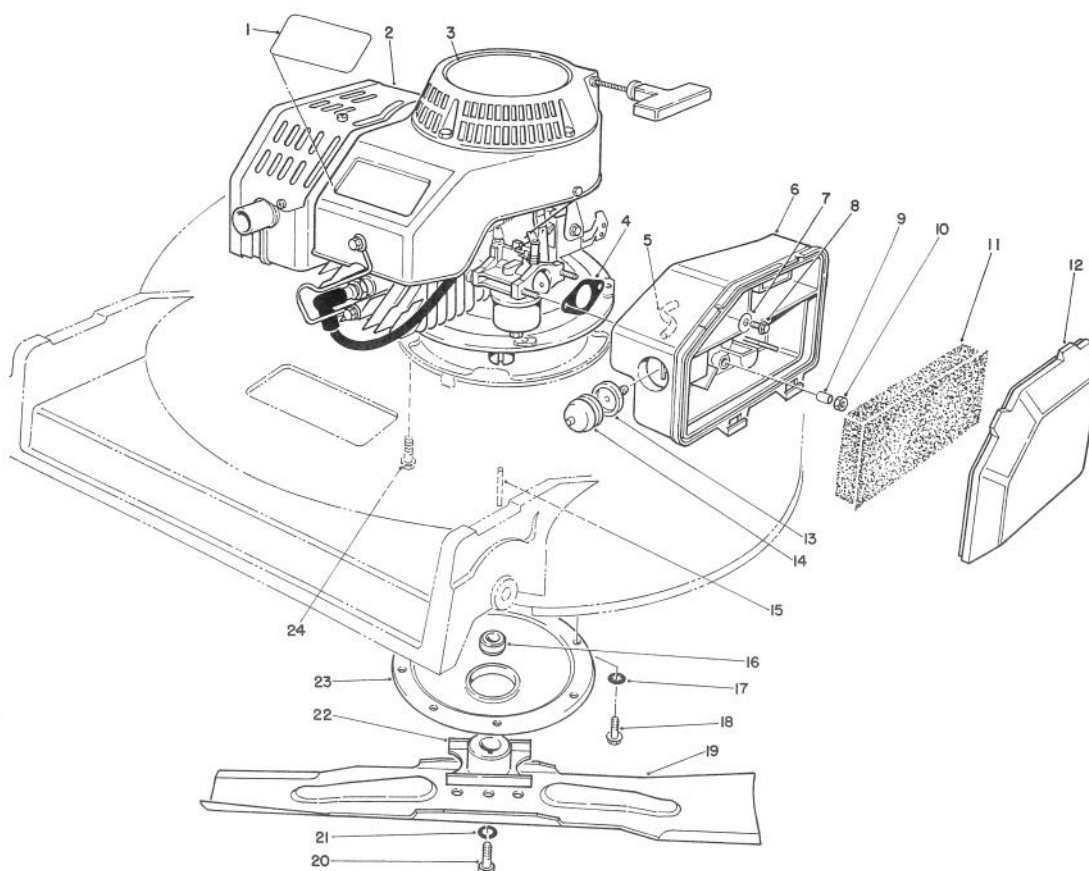


T-1098-90

## HOUSING ASSEMBLY (Model 22035) (Continued)

| Ref. No. | Part No. | Description           | No. Used | Ref. No. | Part No. | Description                                       | No. Used |
|----------|----------|-----------------------|----------|----------|----------|---------------------------------------------------|----------|
| 45       | 52-2480  | Spacer - Wheel        | 2        | 51       | 49-8760  | Quadrant - Front, L.H.                            | 1        |
| 46       | 321-2    | Screw - Cap, Hex. Hd. | 8        | *        | 53-7720  | Wheel & Tire Assembly<br>(Incl. Ref. #38-43 & 46) | 2        |
| 47       | 257-3    | Washer - Pivot        | 2        | *        | 11-5639  | Chute & Door Assembly<br>(Incl. Ref. #3 & 6-20)   | 1        |
| 48       | 32152-2  | Nut - Lock            | 2        |          |          |                                                   |          |
| 49       | 40-1940  | Washer - Hardened     | 4        |          |          |                                                   |          |
| 50       | 52-3620  | Nut - Lock            | 2        |          |          |                                                   |          |

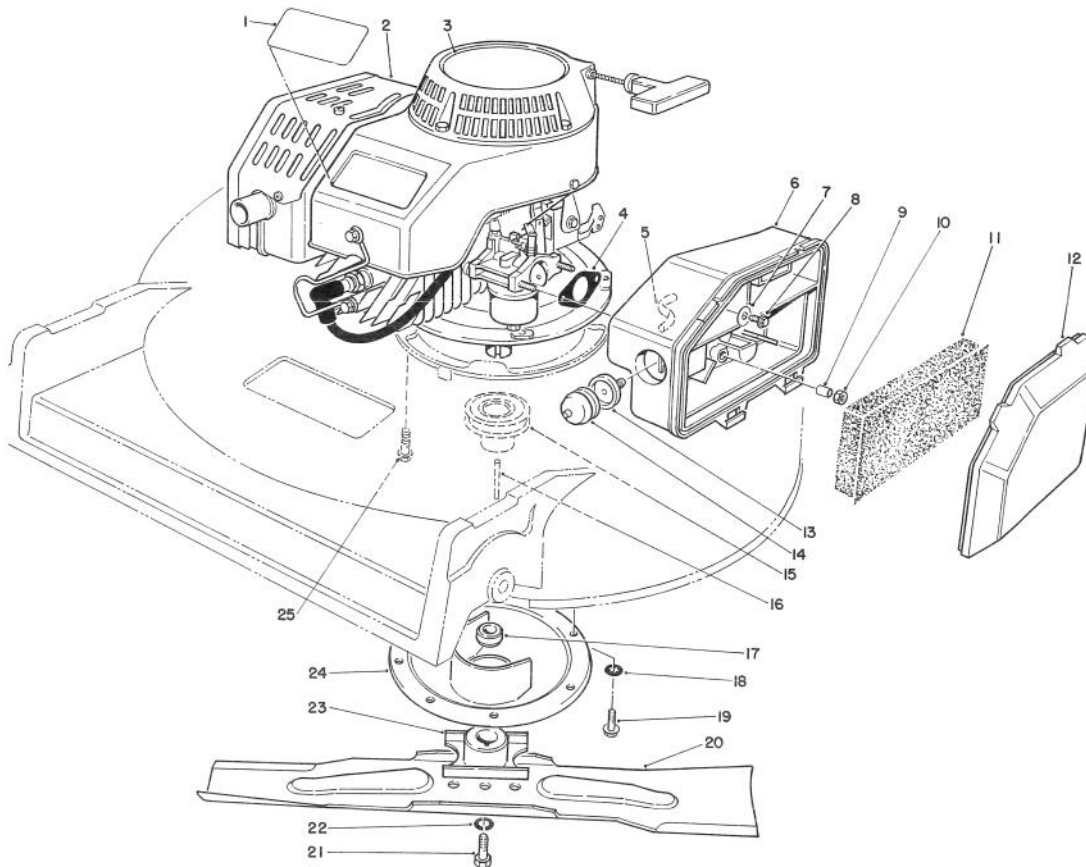
\* Not Illustrated



T-1101-90

## ENGINE ASSEMBLY (Model 22030)

| Ref. No. | Part No. | Description             | No. Used | Ref. No. | Part No. | Description              | No. Used |
|----------|----------|-------------------------|----------|----------|----------|--------------------------|----------|
| 1        | 71-1260  | Decal - Pro Line        | 1        | 14       | 66-7460  | Bulb - Primer            | 1        |
| 2        | 61-8061  | Engine - Complete       | 1        | 15       | 27-8590  | Key - Square             | 1        |
| 3        | 77-0040  | Decal - Recoil          | 1        | 16       | 52-2190  | Spacer - Retainer, Blade | 1        |
| 4        | 81-0090  | Gasket                  | 1        | 17       | 3254-6   | Washer - Internal Tooth  | 3        |
| 5        | 44-3172  | Hose - Primer           | 1        | 18       | 32144-70 | Screw - Thread Forming   | 3        |
| 6        | 63-9330  | Body - Air Cleaner      | 1        | 19       | 62-7700  | Blade                    | 1        |
| 7        | 3256-16  | Washer                  | 1        | 20       | 26-0670  | Screw - Blade            | 1        |
| 8        | 51-2690  | Screw - Hex. Flange Hd. | 1        | 21       | 3253-22  | Washer - Lock            | 1        |
| 9        | 62-3980  | Sleeve                  | 2        | 22       | 52-2170  | Retainer - Blade         | 1        |
| 10       | 50-7180  | Nut - Lock              | 2        | 23       | 48-2591  | Protector - Crankshaft   | 1        |
| 11       | 63-9380  | Filter - Foam           | 1        | 24       | 66-9300  | Screw - Hex. Flange Hd.  | 4        |
| 12       | 63-9340  | Cover - Air Cleaner     | 1        |          |          |                          |          |
| 13       | 44-2750  | Body - Primer           | 1        |          |          |                          |          |



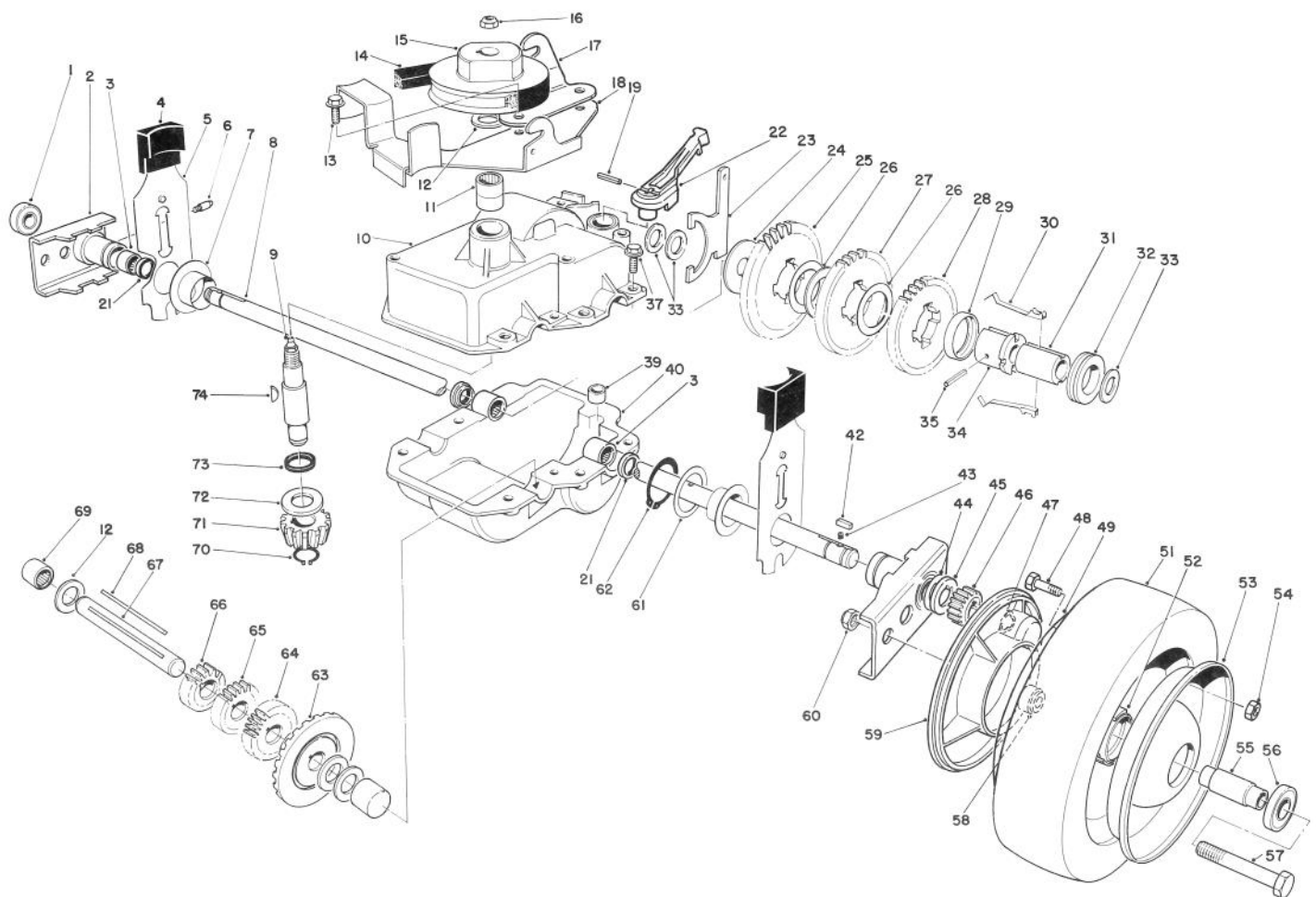
T-1099-90

## ENGINE ASSEMBLY (Model 22035)

| Ref. No. | Part No. | Description             | No. Used |
|----------|----------|-------------------------|----------|
| 1        | 71-1260  | Decal - Pro Line        | 1        |
| 2        | 61-8062  | Engine - Complete       | 1        |
| 3        | 77-0040  | Decal - Recoil          | 1        |
| 4        | 81-0090  | Gasket                  | 1        |
| 5        | 44-3172  | Hose - Primer           | 1        |
| 6        | 63-9330  | Body - Air Cleaner      | 1        |
| 7        | 3256-16  | Washer                  | 1        |
| 8        | 51-2690  | Screw - Hex. Flange Hd. | 1        |
| 9        | 62-3980  | Sleeve                  | 2        |
| 10       | 50-7180  | Nut - Lock              | 2        |
| 11       | 63-9380  | Filter - Foam           | 1        |
| 12       | 63-9340  | Cover - Air Cleaner     | 1        |
| 13       | 44-2750  | Body - Primer           | 1        |

| Ref. No. | Part No. | Description              | No. Used |
|----------|----------|--------------------------|----------|
| 14       | 66-7460  | Bulb - Primer            | 1        |
| 15       | 46-7910  | Pulley - Driver          | 1        |
| 16       | 27-6300  | Key - Square             | 1        |
| 17       | 52-2190  | Spacer - Retainer, Blade | 1        |
| 18       | 3254-6   | Washer - Internal Tooth  | 3        |
| 19       | 32144-70 | Screw - Thread Forming   | 3        |
| 20       | 62-7700  | Blade                    | 1        |
| 21       | 26-0670  | Screw - Blade            | 1        |
| 22       | 3253-22  | Washer - Lock            | 1        |
| 23       | 52-2170  | Retainer - Blade         | 1        |
| 24       | 65-5860  | Protector - Crankshaft   | 1        |
| 25       | 66-9300  | Screw - Hex. Flange Hd.  | 4        |



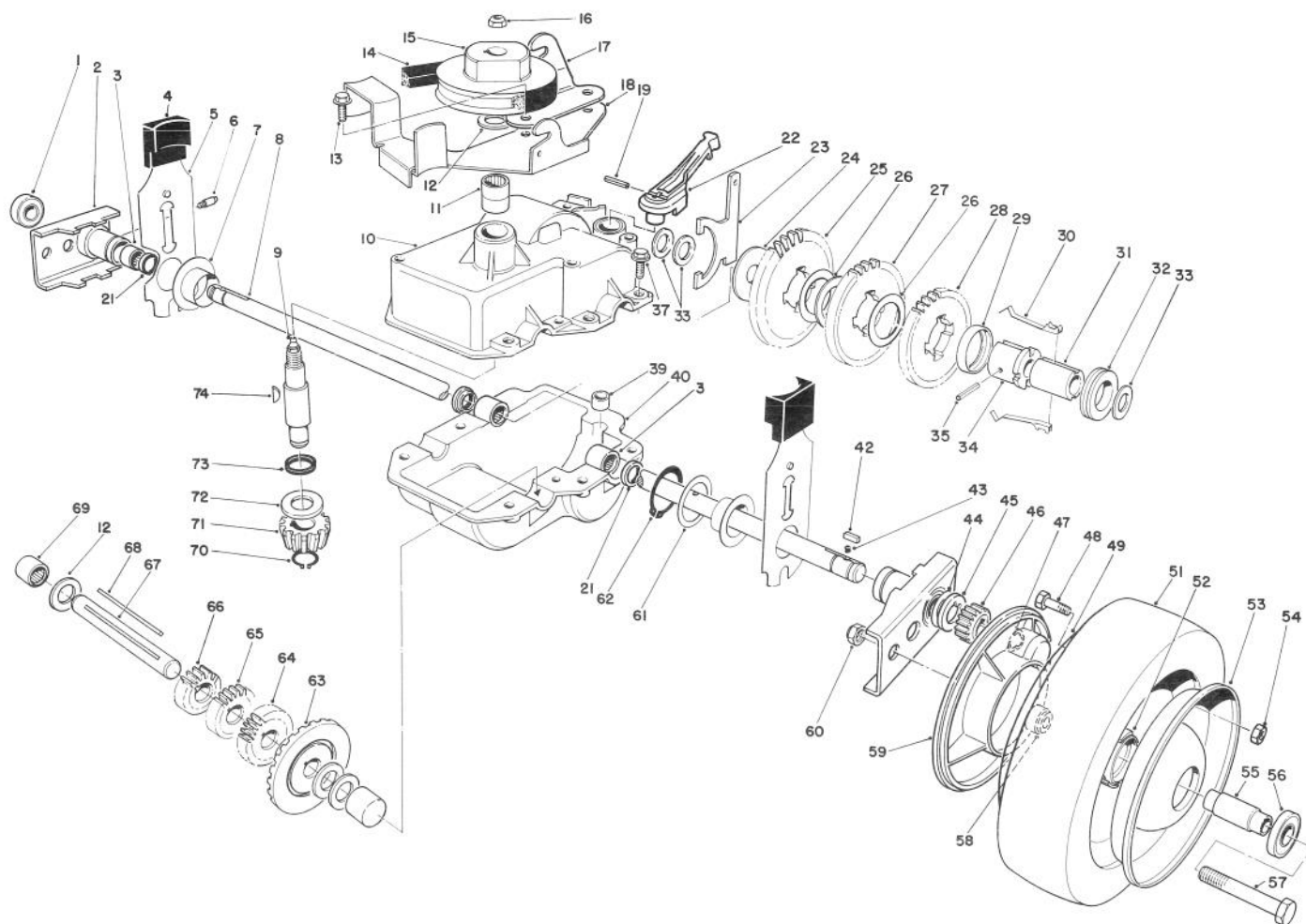


T-0678-90

## GEAR CASE ASSEMBLY (Model 22035)

| Ref. No. | Part No. | Description                                      | No. Used |
|----------|----------|--------------------------------------------------|----------|
| 1        | 52-2450  | Bearing                                          | 2        |
| 2        | 74-1850  | Pivot Arm Assembly<br>(Incl. Ref. #1, 3, 6 & 21) | 2        |
| 3        | 48-2060  | Bearing - Needle                                 | 4        |
| 4        | 25-7740  | Knob - Arm                                       | 2        |
| 5        | 66-7561  | Spring Arm Assy. - Rear                          | 2        |
| 6        | 302-62   | Fitting - Grease                                 | 2        |
| 7        | 48-2170  | Cap - End                                        | 1        |
| 8        | 74-1890  | Shaft - Output                                   | 1        |
| 9        | 13-5149  | Shaft - Input                                    | 1        |
| 10       | 13-9739  | Upper Case Assembly<br>(Incl. Ref. #11 & 73)     | 1        |
| 11       | 47-7270  | Bearing - Needle                                 | 2        |
| 12       | 36-4790  | Washer - Thrust                                  | 4        |
| 13       | 12-3270  | Screw - Special                                  | 2        |
| 14       | 36-8070  | V-Belt                                           | 1        |
| 15       | 39-6740  | Pulley                                           | 1        |
| 16       | 3296-5   | Nut - Lock                                       | 1        |
| 17       | 74-1750  | Bracket - Traction, Engage                       | 1        |
| 18       | 49-8461  | Bracket - Guide, Belt                            | 1        |
| 19       | 32121-99 | Pin - Roll                                       | 1        |
| 21       | 47-6730  | Seal                                             | 4        |

| Ref. No. | Part No. | Description            | No. Used |
|----------|----------|------------------------|----------|
| 22       | 74-1960  | Lever - Shift          | 1        |
| 23       | 60-8870  | Yoke - Shift           | 1        |
| 24       | 29-9690  | Washer - Flat          | 1        |
| 25       | 46-3560  | Gear - 52T             | 1        |
| 26       | 36-4770  | Spacer - Gear          | 3        |
| 27       | 29-9271  | Gear - 42T             | 1        |
| 28       | 42-4740  | Gear - 38T             | 1        |
| 29       | 55-8020  | Retainer - Key         | 1        |
| 30       | 29-9330  | Key - Shift            | 2        |
| 31       | 39-6720  | Sleeve                 | 1        |
| 32       | 29-9340  | Collar - Shift         | 1        |
| 33       | 36-4780  | Washer - Flat          | 3        |
| 34       | 55-8010  | Sleeve - Gear          | 1        |
| 35       | 3285-19  | Pin - Groove           | 1        |
| 37       | 49-2040  | Screw - Self Tapping   | 6        |
| 39       | 29-9570  | Bushing - Yoke         | 1        |
| 40       | 74-1920  | Case - Lower           | 1        |
| 42       | 39-9680  | Key                    | 2        |
| 43       | 39-9650  | Spring                 | 2        |
| 44       | 49-7700  | Washer - Thrust, Keyed | 2        |
| 45       | 62-3830  | Washer - Thrust, Keyed | 2        |
| 46       | 39-9160  | Pinion                 | 2        |



T-0678-90

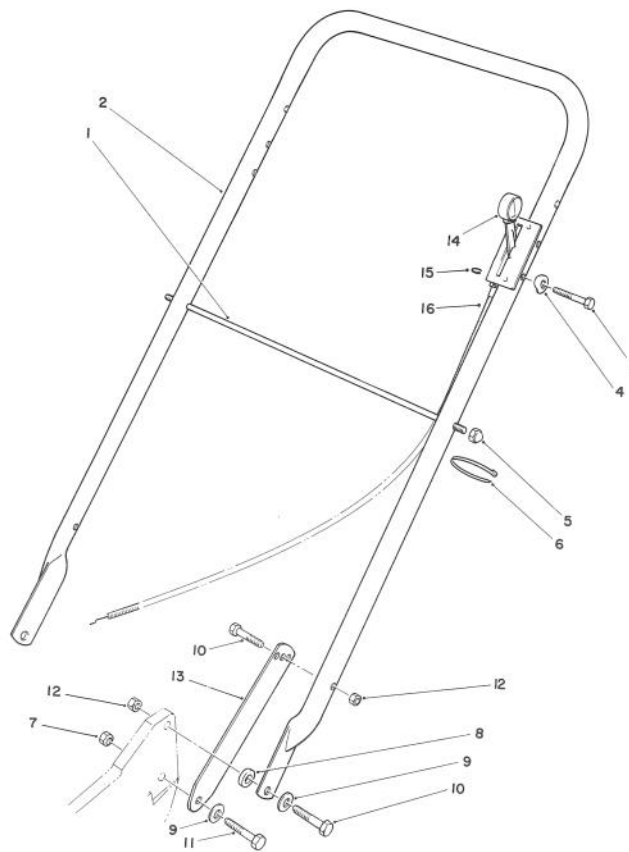
## GEAR CASE ASSEMBLY (Model 22035) (Continued)

| Ref. No. | Part No. | Description            | No. Used |
|----------|----------|------------------------|----------|
| 47       | 32151-68 | Ring - Klip            | 4        |
| 48       | 321-2    | Screw - Cap, Hex. Hd.  | 8        |
| 49       | 53-7750  | Wheel - Half           | 2        |
| 51       | 53-7740  | Tire                   | 2        |
| 52       | 52-2410  | Hub - Support, Bearing | 2        |
| 53       | 53-7780  | Plate - Wheel Half     | 2        |
| 54       | 3296-42  | Nut - Lock             | 8        |
| 55       | 52-2440  | Spacer - Bearing       | 2        |
| 56       | 52-2450  | Bearing - Wheel        | 4        |
| 57       | 323-12   | Screw - Cap, Hex. Hd.  | 2        |
| 58       | 74-1650  | Spacer - Wheel         | 2        |
| 59       | 74-1640  | Cover - Wheel          | 2        |
| 60       | 32152-2  | Nut - Lock             | 2        |
| 61       | 74-1810  | Washer                 | 2        |
| 62       | 32151-36 | Ring - Retaining       | 2        |
| 63       | 74-1760  | Gear - Bevel           | 1        |

| Ref. No. | Part No. | Description                                                              | No. Used |
|----------|----------|--------------------------------------------------------------------------|----------|
| 64       | 39-6650  | Gear - 18T                                                               | 1        |
| 65       | 46-3550  | Gear - 14T                                                               | 1        |
| 66       | 46-3540  | Gear - 12T                                                               | 1        |
| 67       | 53-7950  | Shaft - Intermediate                                                     | 1        |
| 68       | 39-7842  | Key - Square                                                             | 1        |
| 69       | 252-103  | Bearing - Closed                                                         | 2        |
| 70       | 32151-57 | Ring - Retaining                                                         | 1        |
| 71       | 39-6660  | Pinion - Bevel                                                           | 1        |
| 72       | 47-2910  | Washer - Thrust                                                          | 1        |
| 73       | 47-7260  | Seal                                                                     | 1        |
| 74       | 3257-1   | Key - Woodruff                                                           | 2        |
| *        | 74-1861  | Gear Case Assembly<br>(Incl. Ref. #3, 8-13, 15-18,<br>21, 23-40 & 63-74) | 1        |
| *        | 74-1720  | Wheel & Tire Assembly<br>(Incl. Ref. #48-49 & 51-56)                     | 2        |

\*Not Illustrated

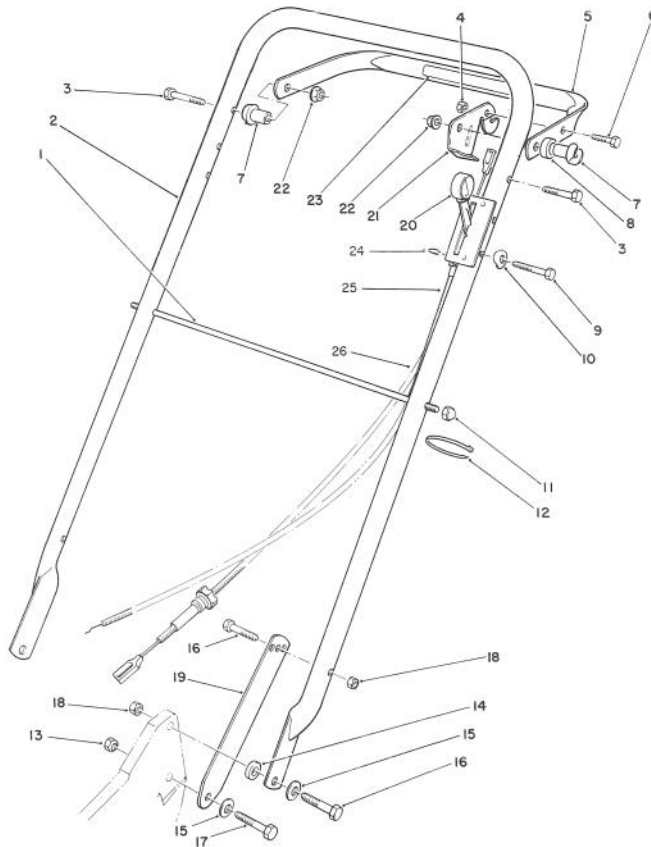




T-0736-90

## HANDLE ASSEMBLY (Model 22030)

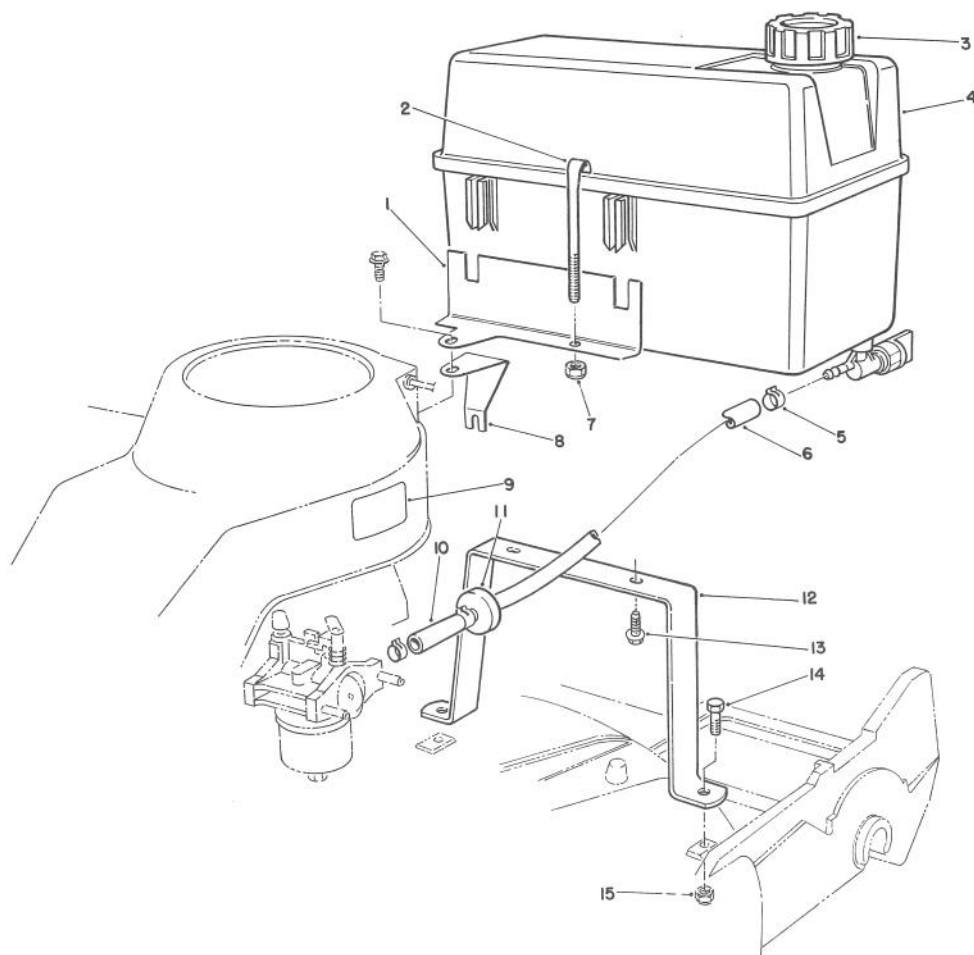
| Ref. No. | Part No. | Description           | No. Used | Ref. No. | Part No. | Description                 | No. Used |
|----------|----------|-----------------------|----------|----------|----------|-----------------------------|----------|
| 1        | 48-2810  | Rod - Support, Bag    | 1        | 10       | 322-7    | Screw - Cap, Hex. Hd.       | 4        |
| 2        | 66-7420  | Handle                | 1        | 11       | 322-6    | Screw - Cap, Hex. Hd.       | 2        |
| 3        | 321-13   | Screw - Cap, Hex. Hd. | 2        | 12       | 3296-29  | Nut - Lock                  | 4        |
| 4        | 3-7501   | Washer - Curved       | 2        | 13       | 65-5830  | Latch - Handle              | 2        |
| 5        | 32111-7  | Nut - Acorn           | 2        | 14       | 70-1052  | Bracket - Control, Throttle | 1        |
| 6        | 3290-378 | Tie - Cable           | 1        | 15       | 32151-86 | E-Ring                      | 1        |
| 7        | 3296-47  | Nut - Lock            | 2        | 16       | 70-1061  | Cable - Throttle            | 1        |
| 8        | 26-4840  | Spacer                | 2        |          |          |                             |          |
| 9        | 3290-456 | Washer                | 4        |          |          |                             |          |



T-0711-90

## HANDLE ASSEMBLY (Model 22035)

| Ref. No. | Part No. | Description           | No. Used | Ref. No. | Part No. | Description                 | No. Used |
|----------|----------|-----------------------|----------|----------|----------|-----------------------------|----------|
| 1        | 48-2810  | Rod - Support, Bag    | 1        | 14       | 26-4840  | Spacer                      | 2        |
| 2        | 66-7420  | Handle                | 1        | 15       | 3290-456 | Washer - Flat               | 4        |
| 3        | 322-10   | Screw - Cap, Hex. Hd. | 2        | 16       | 322-7    | Screw - Cap, Hex. Hd.       | 4        |
| 4        | 3296-42  | Nut - Lock            | 1        | 17       | 322-6    | Screw - Cap, Hex. Hd.       | 2        |
| 5        | 61-8270  | Bar - Control         | 1        | 18       | 3296-29  | Nut - Lock                  | 4        |
| 6        | 321-4    | Screw - Cap, Hex. Hd. | 1        | 19       | 65-5830  | Latch - Handle              | 2        |
| 7        | 49-1630  | Support - Spacer      | 2        | 20       | 70-1052  | Bracket - Control, Throttle | 1        |
| 8        | 256-276  | Spacer                | 1        | 21       | 74-1820  | Lever - Control             | 1        |
| 9        | 321-13   | Screw - Cap, Hex. Hd. | 2        | 22       | 3296-58  | Nut - Lock                  | 2        |
| 10       | 3-7501   | Washer - Curved       | 2        | 23       | 71-1290  | Decal - Control, Traction   | 1        |
| 11       | 32111-7  | Nut - Acorn           | 2        | 24       | 32151-86 | E-Ring                      | 3        |
| 12       | 3290-378 | Tie - Cable           | 1        | 25       | 70-1061  | Cable - Throttle            | 1        |
| 13       | 3296-47  | Nut - Lock            | 2        | 26       | 74-1790  | Cable - Traction            | 1        |

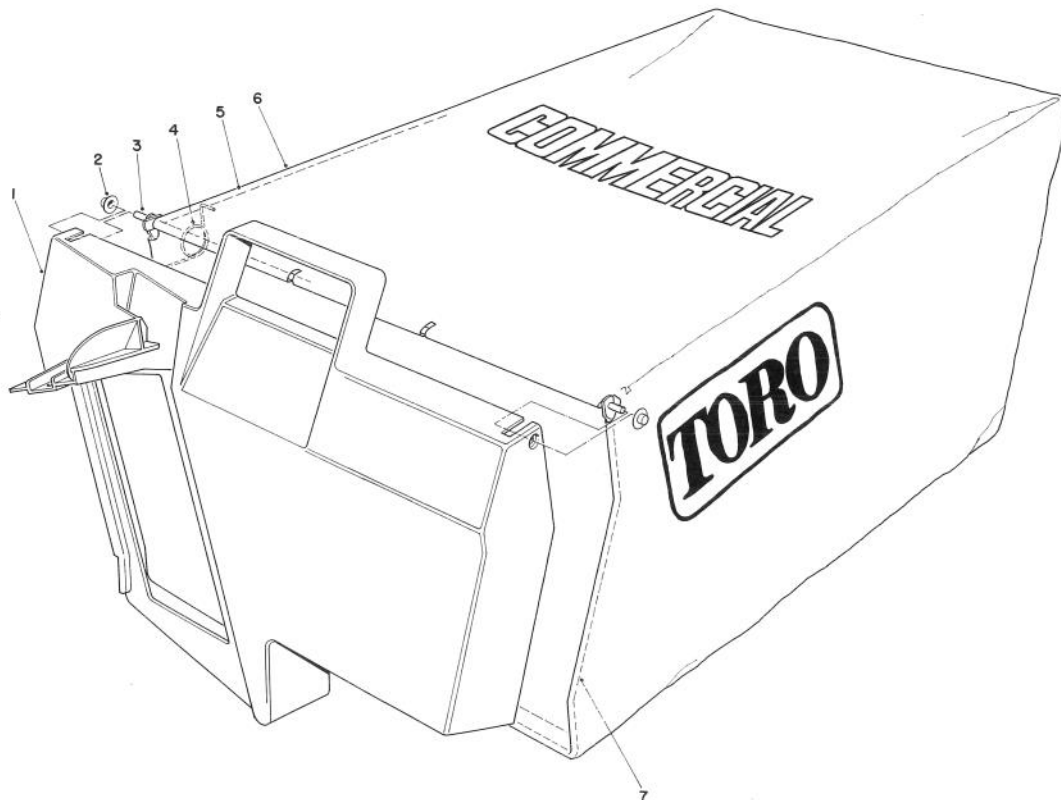


T-1097-90

## GAS TANK ASSEMBLY

| Ref. No. | Part No. | Description           | No. Used |
|----------|----------|-----------------------|----------|
| 1        | 74-2110  | Bracket - Tank        | 1        |
| 2        | 77-2840  | Retainer - Tank, Fuel | 1        |
| 3        | 55-3575  | Cap - Gas             | 1        |
| 4        | 71-9010  | Tank - Gas            | 1        |
| 5        | 2412-95  | Clamp - Fuel Line     | 4        |
| 6        | 51-3214  | Hose - Fuel           | 1        |
| 7        | 3296-42  | Nut - Lock            | 1        |
| 8        | 77-0520  | Support - Bracket     | 1        |

| Ref. No. | Part No. | Description             | No. Used |
|----------|----------|-------------------------|----------|
| 9        | 62-7600  | Decal - Fuel            | 1        |
| 10       | 51-3211  | Hose - Fuel             | 1        |
| 11       | 56-6360  | Filter - Fuel           | 1        |
| 12       | 74-2000  | Mount - Tank, Bottom    | 1        |
| 13       | 46-8091  | Screw - Hex. Washer Hd. | 2        |
| 14       | 322-5    | Screw - Cap, Hex. Hd.   | 2        |
| 15       | 3296-29  | Nut - Lock              | 2        |

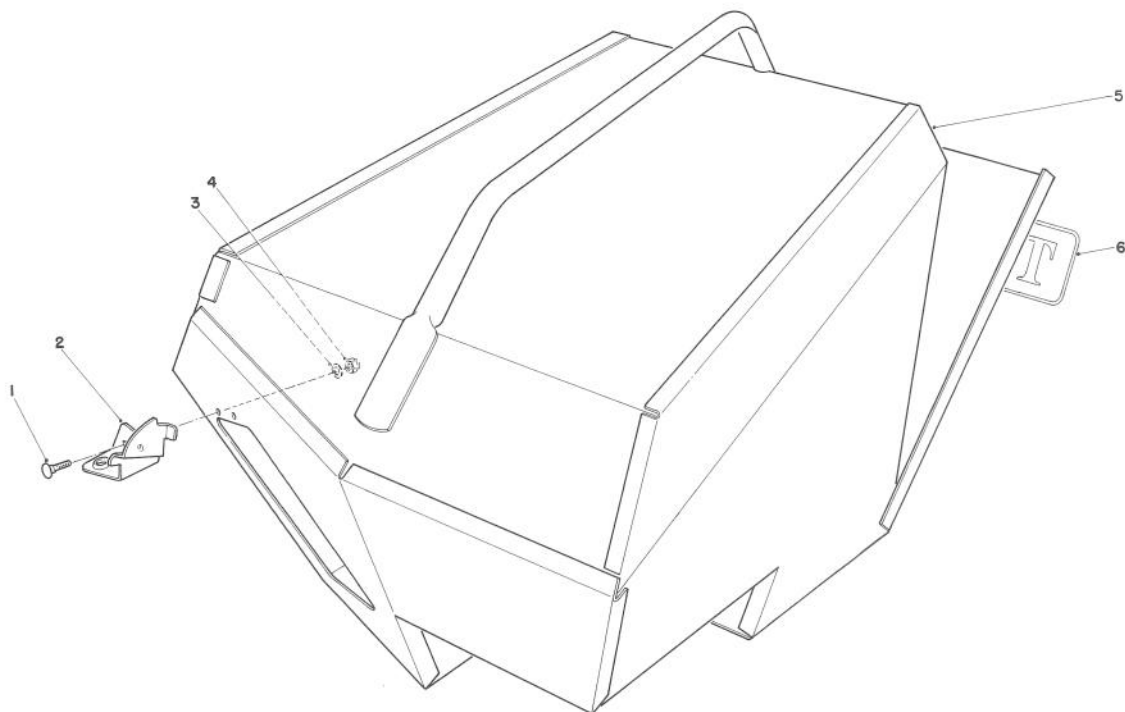


## GRASS BAG ASSEMBLY No. 11-5609

T-1100-90

| Ref. No. | Part No. | Description            | No. Used |
|----------|----------|------------------------|----------|
| 1        | 48-2840  | Door - Bag, Grass      | 1        |
| 2        | 3290-422 | Nut - Push, Washer Cap | 2        |
| 3        | 33-4820  | Hinge - Door, Bag      | 1        |
| 4        | 36-6910  | Spring                 | 2        |

| Ref. No. | Part No. | Description        | No. Used |
|----------|----------|--------------------|----------|
| 5        | 42-4030  | Frame - Bag, Upper | 1        |
| 6        | 8-2759   | Bag - Grass        | 1        |
| 7        | 42-4020  | Frame - Bag        | 1        |

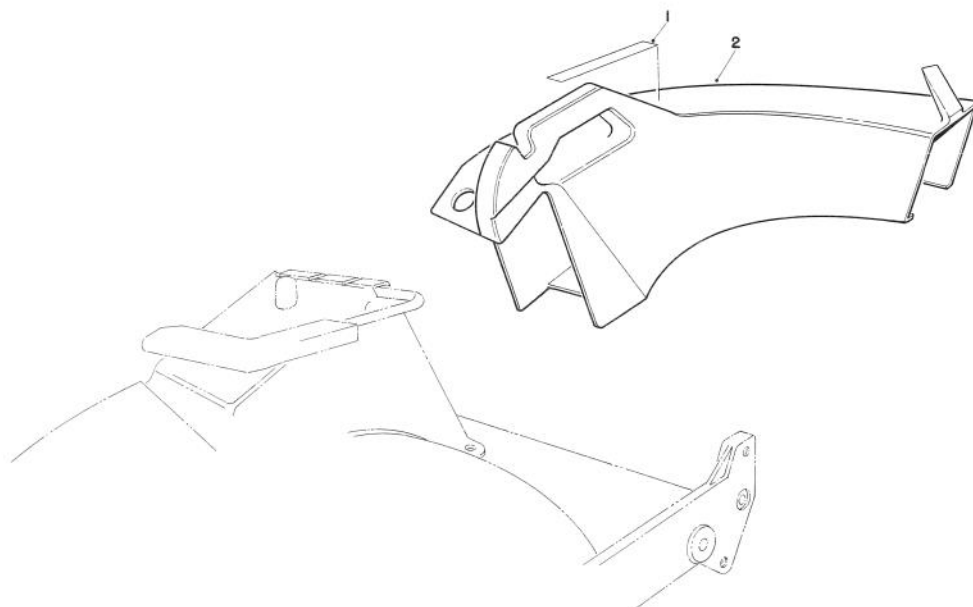


T-0715-90

## STEEL GRASS CATCHER (Model 22099) (Optional)

| Ref. No. | Part No. | Description     | No. Used |
|----------|----------|-----------------|----------|
| 1        | 3229-25  | Bolt - Carriage | 2        |
| 2        | 52-4990  | Bracket - Latch | 1        |
| 3        | 3256-1   | Washer - Flat   | 2        |

| Ref. No. | Part No. | Description  | No. Used |
|----------|----------|--------------|----------|
| 4        | 3296-42  | Nut - Lock   | 2        |
| 5        | 52-5020  | Bag - Steel  | 1        |
| 6        | 43-5110  | Decal - Toro | 1        |



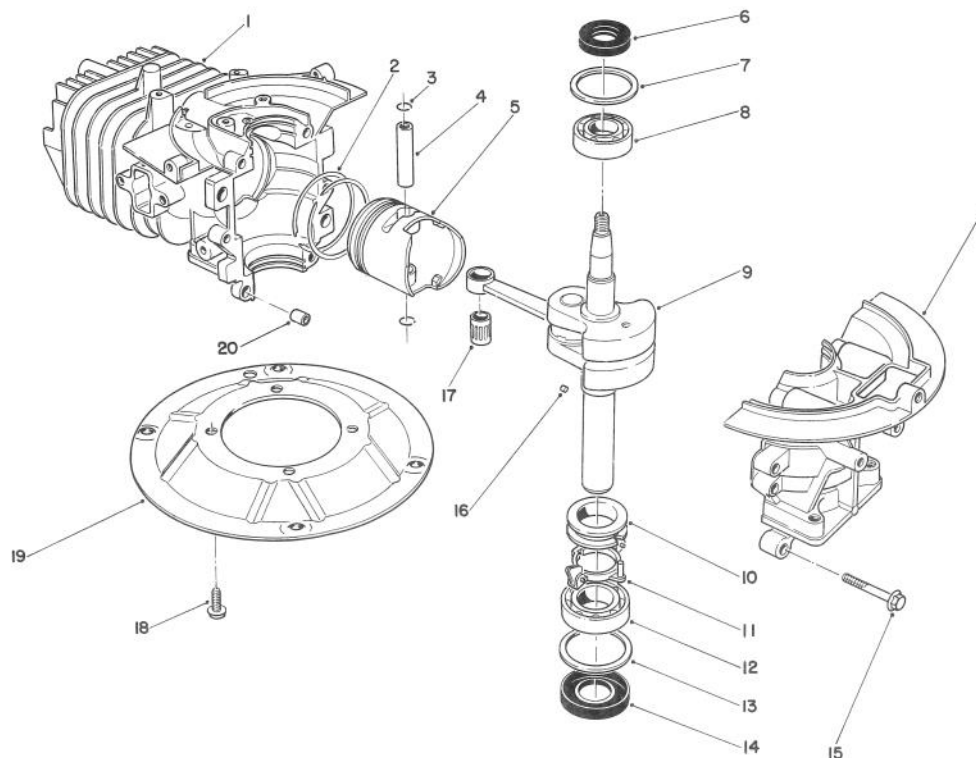
T-0716-90

## SIDE DISCHARGE CHUTE MODEL No. 59168 (Optional)

| Ref. No. | Part No. | Description     | No. Used |
|----------|----------|-----------------|----------|
| 1        | 76-4780  | Decal - Caution | 1        |

| Ref. No. | Part No. | Description                          | No. Used |
|----------|----------|--------------------------------------|----------|
| 2        |          | Chute - Discharge<br>(Incl. Ref. #1) | 1        |





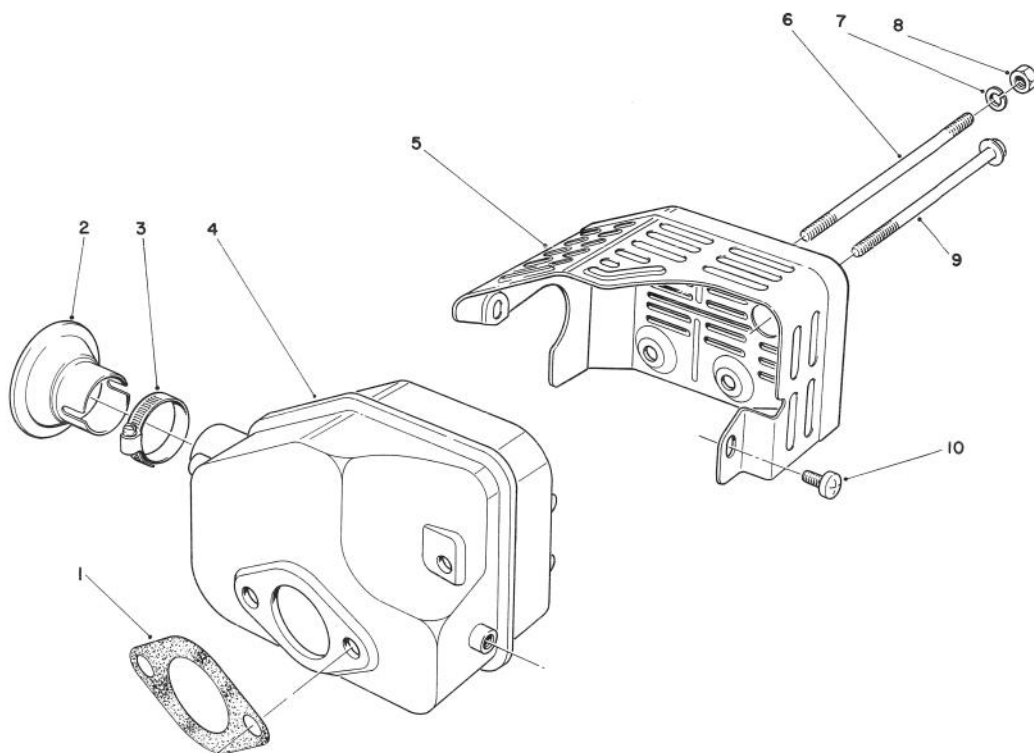
T-0663-90

## CRANKSHAFT ASSEMBLY (Model No. 47PK9-3)

| Ref. No. | Part No. | Description                        | No. Used |
|----------|----------|------------------------------------|----------|
| 1        | 81-2800  | Crankcase/Cylinder Assy.           | 1        |
| 2        | 81-0590  | Piston Ring Set                    | 1        |
| 3        | 81-0620  | Circlip                            | 2        |
| 4        | 81-0600  | Pin - Wrist                        | 1        |
| 5        | 81-2140  | Piston - 58mm                      | 1        |
| 6        | 81-0720  | Seal - Oil, Upper                  | 1        |
| 7        | 81-0710  | Washer - Thrust, Upper             | 1        |
| 8        | 81-0690  | Bearing - Upper 20mm               | 1        |
| 9        | 81-4680  | Crankshaft/Connecting Rod Assembly | 1        |
| 10       | 81-0770  | Spacer - Governor                  | 1        |

| Ref. No. | Part No. | Description             | No. Used |
|----------|----------|-------------------------|----------|
| 11       | 81-0750  | Bracket - Arm, Governor | 1        |
| 12       | 81-0700  | Bearing - Lower 25mm    | 1        |
| 13       | 81-0730  | Washer - Thrust, Lower  | 1        |
| 14       | 81-0740  | Seal - Oil, Lower       | 1        |
| 15       | 81-0540  | Bolt 30mm Lg.           | 6        |
| 16       | 81-0760  | Pin - Crankshaft        | 1        |
| 17       | 81-0610  | Bearing - Wrist Pin     | 1        |
| 18       | 81-0570  | Bolt                    | 4        |
| 19       | 81-0560  | Plate - Mounting        | 1        |
| 20       | 81-0520  | Pin - Crankcase         | 2        |
| *        | 12-8099  | Short Block             | 1        |

\*Not Illustrated



T-0667-90

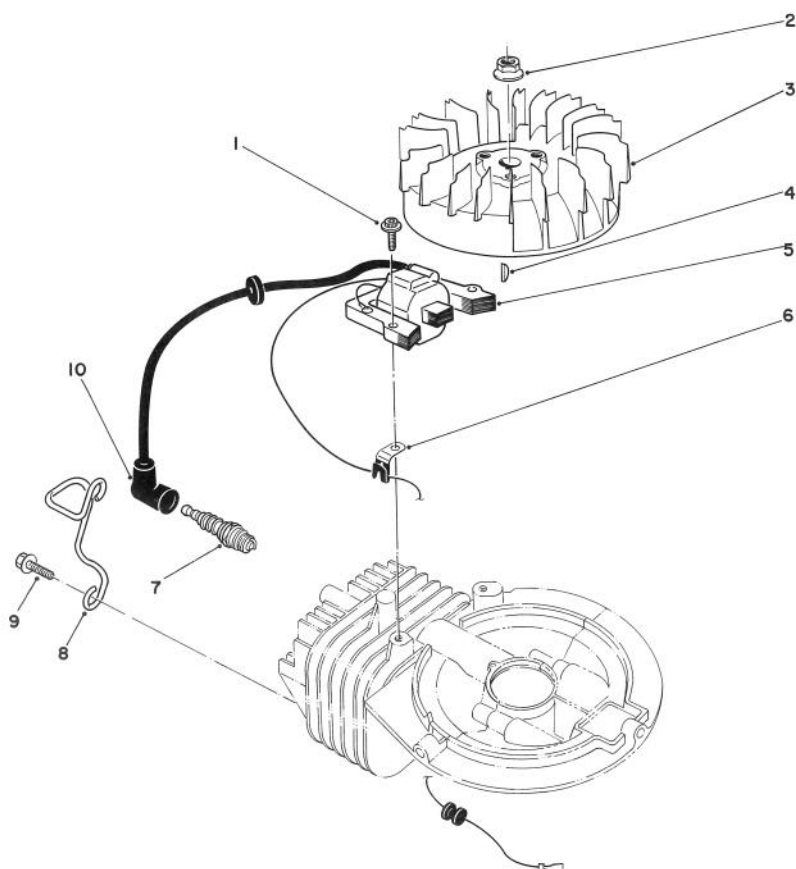
## MUFFLER ASSEMBLY (Model No. 47PK9-3)

| Ref. No. | Part No. | Description               | No. Used |
|----------|----------|---------------------------|----------|
| 1        | 81-1080  | Gasket - Muffler          | 1        |
| 2*       | 81-0200  | Spark Arrester (Optional) | 1        |
| 3†       |          | Clamp                     | 1        |
| 4        | 81-5690  | Muffler                   | 1        |
| 5        | 81-2450  | Cover - Muffler           | 1        |

| Ref. No. | Part No. | Description          | No. Used |
|----------|----------|----------------------|----------|
| 6        | 81-1100  | Bolt                 | 2        |
| 7        | 81-1120  | Washer - Lock        | 2        |
| 8        | 81-1110  | Nut                  | 2        |
| 9        | 81-1150  | Bolt - Self Tapping  | 1        |
| 10       | 81-1140  | Screw - Phillips Hd. | 2        |

†Obtain Locally

\*Optional Equipment



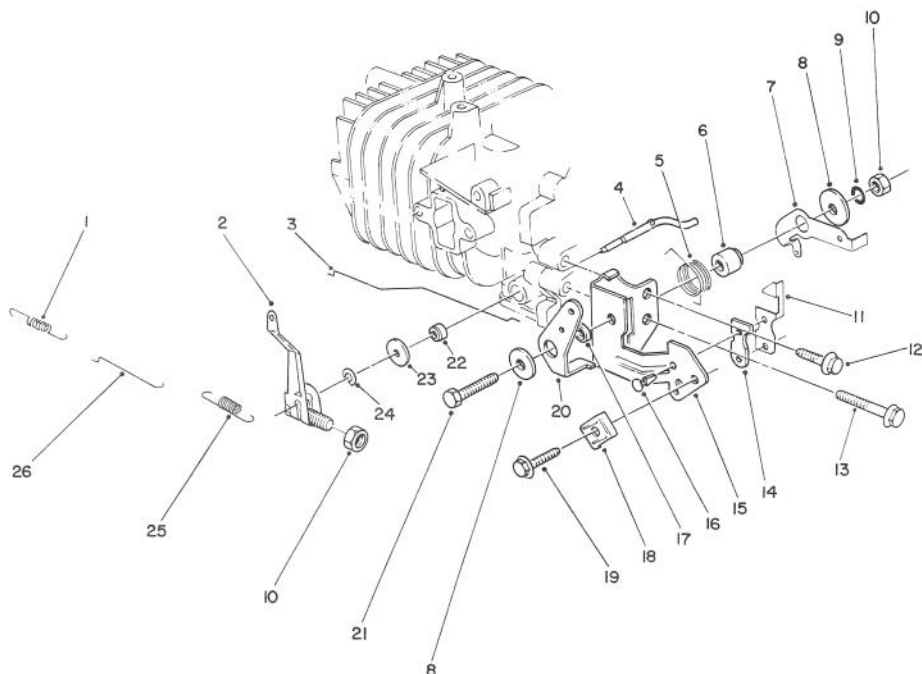
T-0664-90

## IGNITION ASSEMBLY (Model No. 47PK9-3)

| Ref. No. | Part No. | Description            | No. Used |
|----------|----------|------------------------|----------|
| 1        | 81-5680  | Screw - Cap, Hex Hd.   | 2        |
| 2        | 81-1330  | Nut                    | 1        |
| 3        | 81-2810  | Flywheel - Magneto     | 1        |
| 4        | 81-2370  | Key - Flywheel         | 1        |
| 5        | 81-2820  | Coil/Ignition Assembly | 1        |
| 6        | 81-1480  | Clamp                  | 1        |

| Ref. No. | Part No. | Description                    | No. Used |
|----------|----------|--------------------------------|----------|
| 7        | 81-0181  | Spark Plug                     | 1        |
| 8        | 81-2120  | Guard - Spark Plug             | 1        |
| 9        | 81-2350  | Bolt - Self Tapping (20mm Lg.) | 2        |
| 10       | 81-1500  | Cap Assembly - Spark Plug      | 1        |
| *        | 41-7650  | Puller - Flywheel              | 1        |

\*Not Illustrated

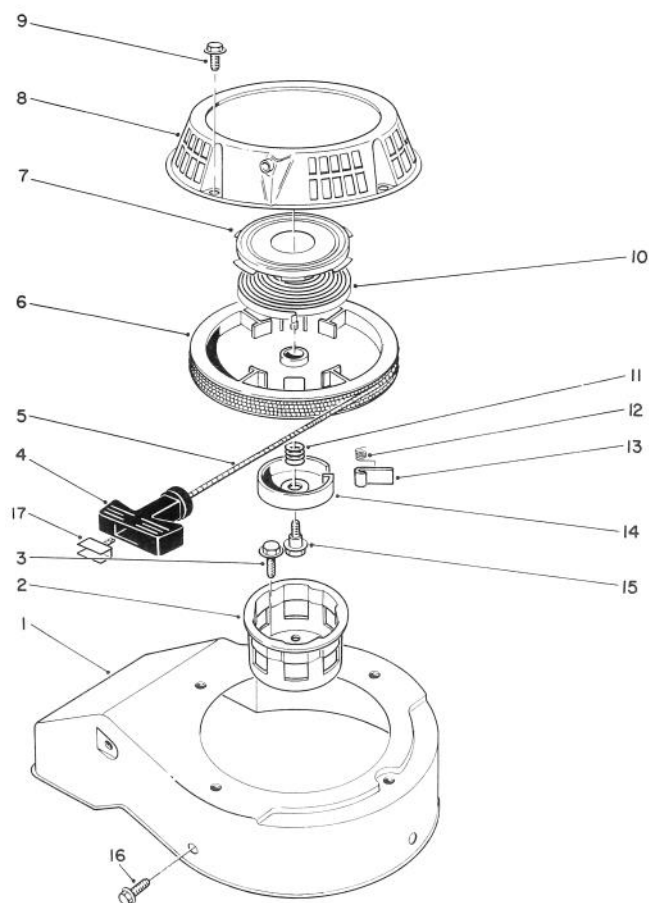


## GOVERNOR ASSEMBLY (Model No. 47PK9-3)

C-0564-90

| Ref. No. | Part No. | Description              | No. Used |
|----------|----------|--------------------------|----------|
| 1        | 81-0920  | Spring - Carburetor Rod  | 1        |
| 2        | 81-5420  | Governor Arm/Bolt Assy.  | 1        |
| 3        | 81-5410  | Rod - Choke              | 1        |
| 4        | 81-0840  | Shaft - Governor         | 1        |
| 5        | 81-2460  | Spring - Lever, Choke    | 1        |
| 6        | 81-1770  | Spacer - Lever, Governor | 1        |
| 7        | 81-2850  | Lever - Governor         | 1        |
| 8        | 81-1750  | Washer - Lever, Choke    | 2        |
| 9        | 81-1450  | Washer - Lock            | 1        |
| 10       | 81-0900  | Nut                      | 2        |
| 11       | 81-1840  | Terminal - Kill Switch   | 1        |
| 12       | 81-1170  | Bolt - Self Tapping      | 1        |
| 13       | 81-0540  | Bolt                     | 1        |

| Ref. No. | Part No. | Description              | No. Used |
|----------|----------|--------------------------|----------|
| 14       | 81-1830  | Insulator - Kill Switch  | 1        |
| 15       | 81-2420  | Bracket - Throttle       | 1        |
| 16       | 81-4530  | Rivet - Kill Switch      | 2        |
| 17       | 81-2470  | Spacer - Lever, Choke    | 1        |
| 18       | 81-2430  | Clamp - Cable            | 1        |
| 19       | 50-0130  | Bolt - Clamp, Cable      | 1        |
| 20       | 81-1710  | Lever - Choke            | 1        |
| 21       | 81-1730  | Bolt - Bracket, Throttle | 1        |
| 22       | 81-0850  | Seal - Shaft, Governor   | 1        |
| 23       | 81-0860  | Washer                   | 1        |
| 24       | 81-0870  | Ring - Retaining         | 1        |
| 25       | 81-2830  | Spring - Governor        | 1        |
| 26       | 81-0910  | Rod - Carburetor         | 1        |



T-1102-90

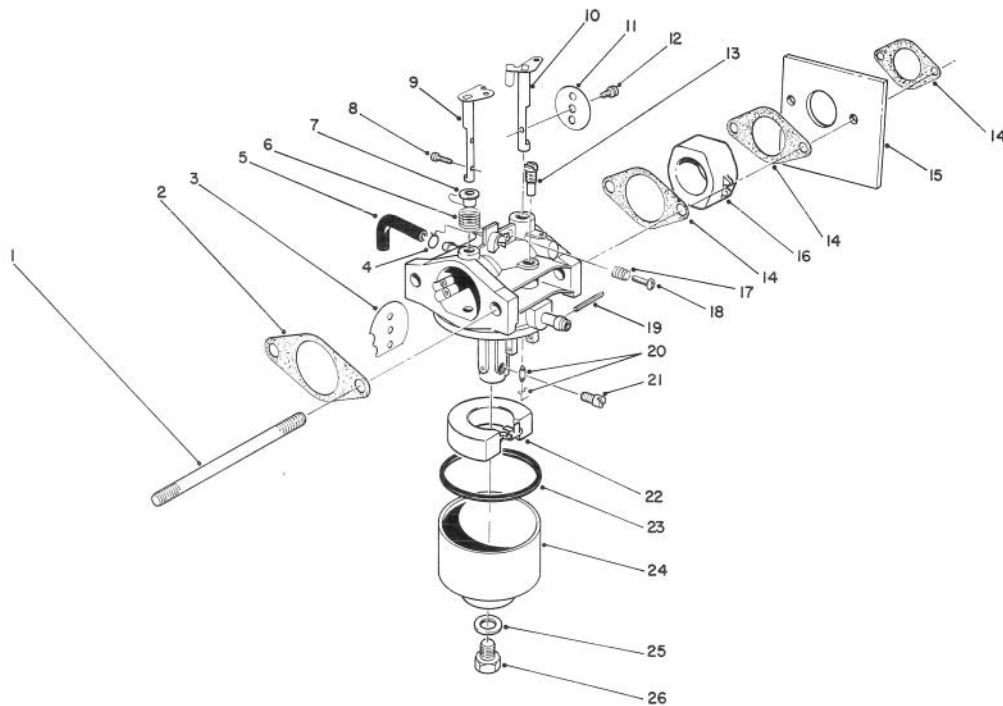
## RECOIL ASSEMBLY (Model No. 47PK9-3)

| Ref. No. | Part No. | Description               | No. Used | Ref. No. | Part No. | Description                                              | No. Used |
|----------|----------|---------------------------|----------|----------|----------|----------------------------------------------------------|----------|
| 1        | 81-2080  | Cover - Fan, Cooling      | 1        | 13       | 81-1630  | Handle - Recoil                                          | 1        |
| 2        | 81-2170  | Cup - Pulley, Starter     | 1        | 14       | 81-1220  | Spring - Dog                                             | 1        |
| 3        | 81-1300  | Bolt                      | 3        | 15       | 81-1230  | Dog                                                      | 1        |
| 4        | 81-1250  | Retainer - Dog            | 1        | 16       | 81-1260  | Bolt - Shoulder                                          | 1        |
| 5        | 81-1240  | Spring - Compression      | 1        | 17       | 81-1170  | Bolt - Self Tapping                                      | 3        |
| 6        | 81-1210  | Reel - Pulley, Rope       | 1        | 18       | 81-5760  | Insert - Handle, Recoil                                  | 1        |
| 7        | 81-1640  | Retainer - Spring, Recoil | 1        | †19      |          | Staple                                                   | 1        |
| 8        | 81-2100  | Case - Recoil             | 1        | *        | 81-2030  | Recoil Starter Assembly<br>(Incl. Ref. #6-8, 10-13 & 18) | 1        |
| 9        | 81-1280  | Bolt                      | 4        | *        | 81-2300  | Spring & Retainer Assembly<br>(Incl. Ref. #7 & 10)       | 1        |
| 10       | 81-1200  | Spring - Recoil           | 1        |          |          |                                                          |          |
| 11       | 81-1270  | Rope                      | 1        |          |          |                                                          |          |
| 12       | 47-2480  | Stop - Recoil             | 1        |          |          |                                                          |          |

AL-901628-R

Litho U.S.A.

\*Not Illustrated  
†Obtain Locally



C-0563-90

## CARBURETOR ASSEMBLY (Model No. 47PK9-3)

| Ref. No. | Part No. | Description            | No. Used | Ref. No. | Part No. | Description                                           | No. Used |
|----------|----------|------------------------|----------|----------|----------|-------------------------------------------------------|----------|
| 1        | 81-5450  | Stud Bolt, Carburetor  | 2        | 17       | 81-2580  | Spring - Idle Stop                                    | 1        |
| 2        | 81-0090  | Gasket                 | 1        | 18       | 50-0250  | Screw - Idle Stop                                     | 1        |
| 3        | 81-0240  | Valve - Choke          | 1        | 19       | 81-2600  | Pin - Float                                           | 1        |
| 4        | 81-5470  | Tube - Vent            | 1        | 20       | 81-4910  | Needle Valve                                          | 1        |
| 5        | 81-5460  | Clamp - Tube           | 1        | 21       | 81-1060  | Jet - Main #75                                        | 1        |
| 6        | 81-0230  | Spring - Choke         | 1        | *        | 81-2340  | Jet - Main #72.5 High Alt. Above 6,000 Ft. (Optional) | A/R      |
| 7        | 81-0220  | Bushing - Choke        | 1        | 22       | 81-0970  | Float                                                 | 1        |
| 8        | 81-2160  | Screw - Choke Plate    | 2        | 23       | 81-1010  | Gasket - Bowl, Float                                  | 1        |
| 9        | 81-1950  | Shaft - Choke          | 1        | 24       | 81-5660  | Bowl - Float                                          | 1        |
| 10       | 81-0250  | Shaft - Throttle       | 1        | 25       | 81-1020  | Gasket - Capscrew, Bowl                               | 1        |
| 11       | 81-0260  | Valve - Throttle       | 1        | 26       | 81-5670  | Capscrew - Bowl                                       | 1        |
| 12       | 81-0270  | Screw - Throttle       | 1        | *        | 12-6379  | Carburetor Kit (Incl. Ref. #2, 14, 20, 23 & 25)       | 1        |
| 13       | 81-1030  | Jet - Pilot #40        | 1        | *        | 81-5430  | Carburetor Assy. Complete                             | 1        |
| 14       | 81-0780  | Gasket - Carburetor    | 3        |          |          |                                                       |          |
| 15       | 81-5490  | Shield - Carburetor    | 1        |          |          |                                                       |          |
| 16       | 81-5440  | Insulator - Carburetor | 1        |          |          |                                                       |          |

\*Not Illustrated