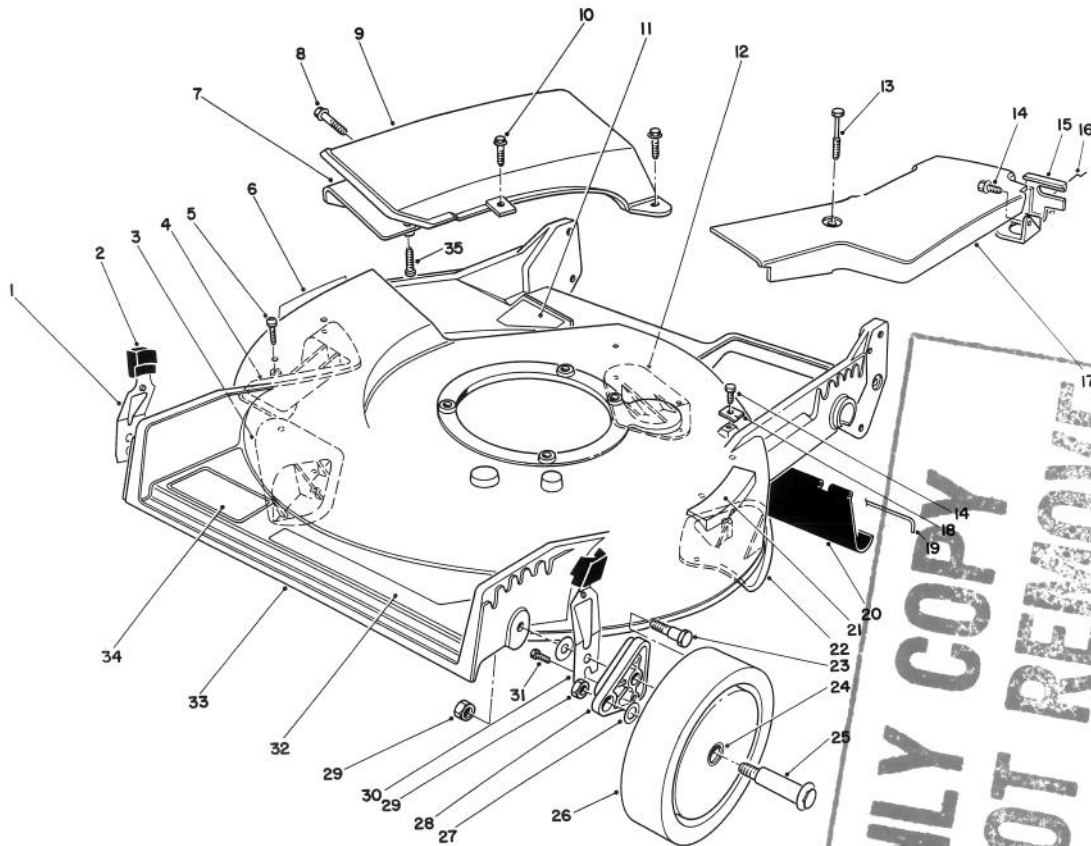


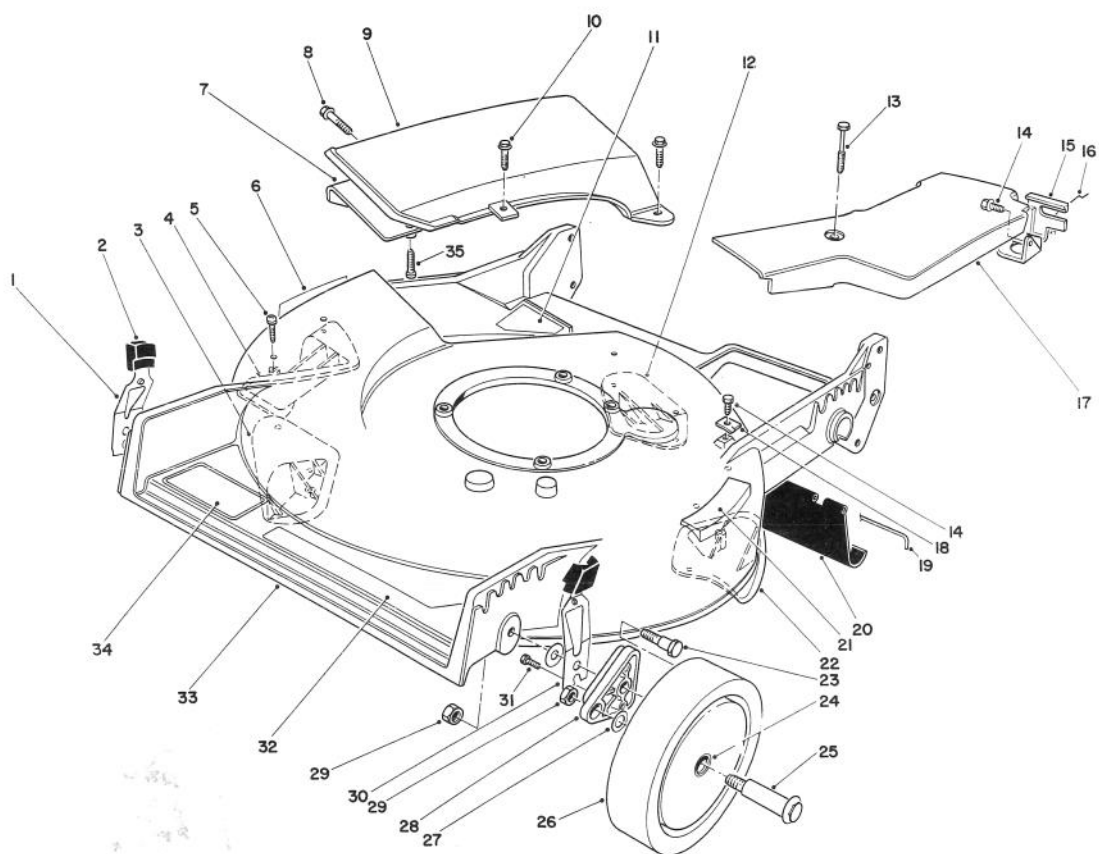
**TORO®**

MODEL NO. 20107-2000001 &amp; UP

**PARTS  
CATALOG****21" RECYCLER®**  
Mower**HOUSING ASSEMBLY**

| Ref. No. | Part No.  | Description                            | No. Used |
|----------|-----------|----------------------------------------|----------|
| 1        | 71-0560   | Spring Arm Ass'y R.H.                  | 1        |
| 2        | 25-7740   | Knob - Arm                             | 2        |
| 3        | 76-2120   | Plate - Kicker R.H. Front              | 1        |
| 4        | 76-2130   | Plate - Kicker L.H. Front              | 1        |
| 5        | 32144-111 | Screw - Plastite                       | 8        |
| 6        | 43-8480   | Decal - Danger                         | 2        |
| 7        |           | Deflector - Recycler                   | 1        |
| 8        | 46-6810   | Screw & Washer Ass'y                   | 1        |
| 9        | 14-4069   | Cover Assembly<br>(Incl. Ref. #7 & 35) | 1        |
| 10       | 46-6811   | Screw - Thread Forming                 | 3        |
| 11       | 82-8450   | Decal - Danger                         | 1        |
| 12       | 76-2150   | Plate - Kicker L.H. Rear               | 1        |
| 13       | 37-7260   | Screw - Special                        | 2        |
| 14       | 32144-70  | Screw - Thread Forming                 | 2        |
| 15       | 82-5680   | Bracket - Traction Adj.                | 1        |
| 16       | 46-7030   | Retainer - Cable                       | 1        |

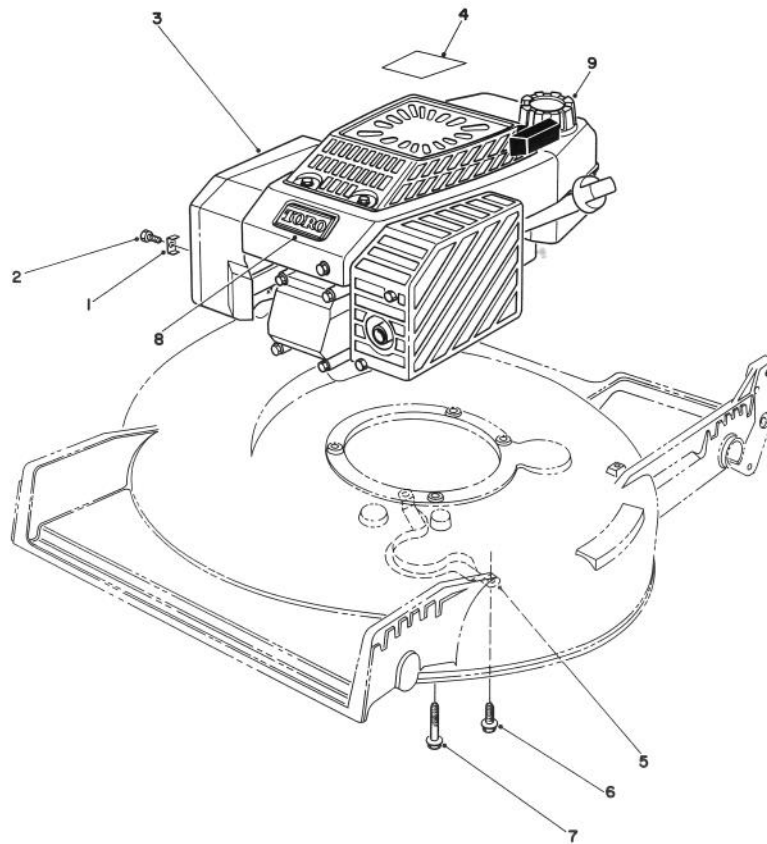
| Ref. No. | Part No. | Description                               | No. Used |
|----------|----------|-------------------------------------------|----------|
| 17       | 82-9910  | Cover - Belt                              | 1        |
| 18       | 62-3720  | Clamp - Cable                             | 1        |
| 19       | 33-3208  | Rod - Shield                              | 1        |
| 20       | 44-0580  | Shield - Trailing                         | 1        |
| 21       | 46-7370  | Decal - Step Pad                          | 1        |
| 22       | 76-2140  | Plate - Kicker R.H. Rear                  | 1        |
| 23       | 66-0561  | Screw - Pivot                             | 2        |
| 24       | 27-6250  | Bushing                                   | 4        |
| 25       | 27-6231  | Bolt - Wheel                              | 2        |
| 26       | 11-9509  | Wheel & Tire Assembly<br>(Incl. Ref. #24) | 2        |
| 27       | 40-1940  | Washer - Wheel Bolt                       | 4        |
| 28       | 66-0580  | Arm - Pivot                               | 2        |
| 29       | 52-3620  | Nut - Lock                                | 4        |
| 30       | 71-0570  | Spring Arm Ass'y L.H.                     | 1        |
| 31       | 32144-85 | Screw - Thread Forming                    | 2        |



C-0729

## HOUSING ASSEMBLY (CONTINUED)

| Ref. No. | Part No. | Description                                                | No. Used | Ref. No. | Part No. | Description      | No. Used |
|----------|----------|------------------------------------------------------------|----------|----------|----------|------------------|----------|
| 32       | 76-1950  | Decal - Recycler                                           | 1        | 34       | 71-0600  | Decal - Toro     | 1        |
| 33       | 14-3509  | Housing Assembly<br>(Incl. Ref. #3-6, 11, 12,<br>22, & 32) | 1        | 35       |          | Screw - Plastite | 5        |

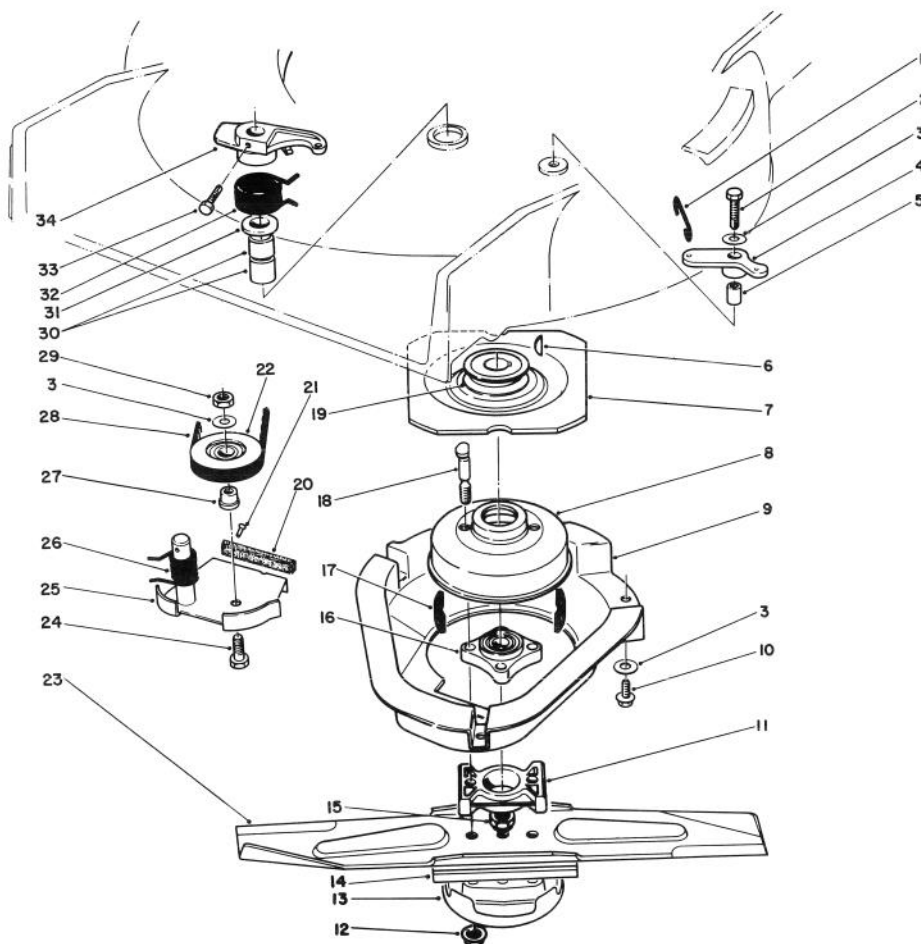


C-0718

## ENGINE ASSEMBLY

| Ref. No. | Part No. | Description                   | No. Used |
|----------|----------|-------------------------------|----------|
| 1        | 2210-249 | Clamp - Throttle              | 1        |
| 2        | 2210-313 | Screw - Clamp                 | 1        |
| 3        | 77-8980  | Engine<br>(Incl. Ref. #4 & 8) | 1        |
| 4        | 80-4800  | Decal - Recoil                | 1        |

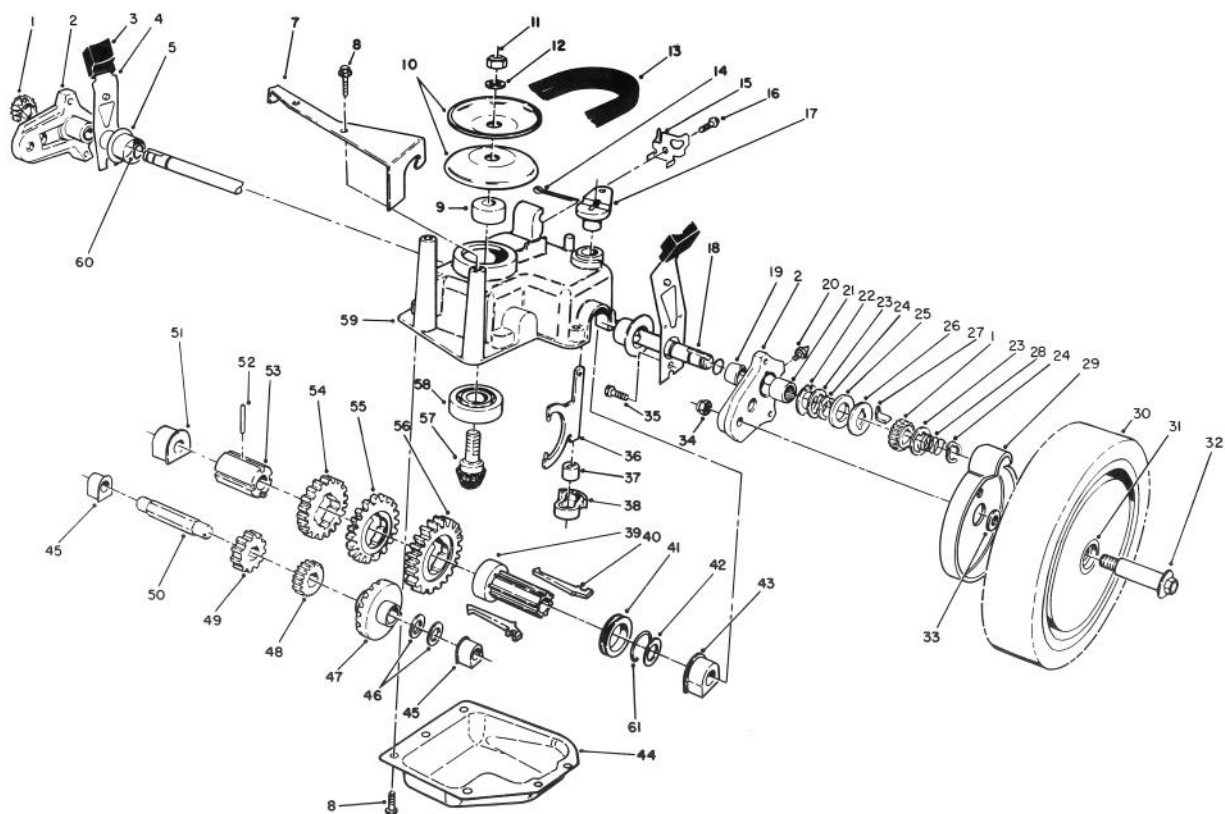
| Ref. No. | Part No.  | Description            | No. Used |
|----------|-----------|------------------------|----------|
| 5        | 66-0570   | Guide - Belt           | 1        |
| 6        | 32144-70  | Screw - Hex Washer Hd. | 2        |
| 7        | 32144-102 | Screw - Thread Forming | 3        |
| 8        | 76-4710   | Plate - Toro           | 1        |
| 9        | 55-3570   | Gas Cap Assembly       | 1        |



C-0377

## BLADE BRAKE CLUTCH ASSEMBLY

| Ref. No. | Part No.  | Description                              | No. Used | Ref. No. | Part No. | Description              | No. Used |
|----------|-----------|------------------------------------------|----------|----------|----------|--------------------------|----------|
| 1        | 49-2810   | Link - Control                           | 1        | 18       | 42-3190  | Bolt - Blade             | 2        |
| 2        | 32104-107 | Screw - Self Tap Hex Hd.                 | 1        | 19       | 62-7560  | Pulley Driver            | 1        |
| 3        | 3256-23   | Washer - Plain                           | 5        | 20       |          | Pad - Brake              | 1        |
| 4        | 49-7960   | Bell Crank                               | 1        | 21       | 3295-23  | Rivet - Semi Tubular     | 2        |
| 5        | 49-7950   | Sleeve - Bell Crank                      | 1        | 22       | 46-5650  | Pulley Idler             | 1        |
| 6        | 3257-17   | Key - Woodruff                           | 1        | 23       | 75-9420  | Blade - 21"              | 1        |
| 7        | 56-6160   | Flywheel                                 | 1        | 24       | 322-16   | Hex Hd. Capscrew         | 1        |
| 8        | 56-6170   | Drum - Brake                             | 1        | 25       | 49-7920  | Brake Plate              | 1        |
| 9        | 46-5690   | Shield                                   | 1        |          |          | (Incl. Ref. # 20 & 21)   | 1        |
| 10       | 32144-70  | Screw - Thread Forming<br>Hex Washer Hd. | 3        | 26       | 46-5670  | Spring - Torsion Lower   | 1        |
| 11       | 62-4280   | Spacer - Blade                           | 1        | 27       | 46-5630  | Hub - Idler Pulley       | 1        |
| 12       | 54-9190   | Locknut                                  | 2        | 28       | 42-0884  | V-Belt                   | 1        |
| 13       | 80-2770   | Cup - Anti-Scalp                         | 1        | 29       | 3296-47  | Locknut                  | 1        |
| 14       | 80-0510   | Stiffener - Blade                        | 1        | 30       | 68-9780  | Bearing                  | 2        |
| 15       | 3296-33   | Locknut                                  | 1        | 31       | 70-1160  | Washer - P.M.            | 1        |
| 16       | 42-6890   | Hub Assembly                             | 1        | 32       | 49-7970  | Spring - Torsion Upper   | 1        |
| 17       | 52-3480   | Dampener - Vibration                     | 2        | 33       | 32104-96 | Screw - Self Tap Hex Hd. | 1        |
|          |           |                                          |          | 34       | 49-2820  | Lever                    | 1        |

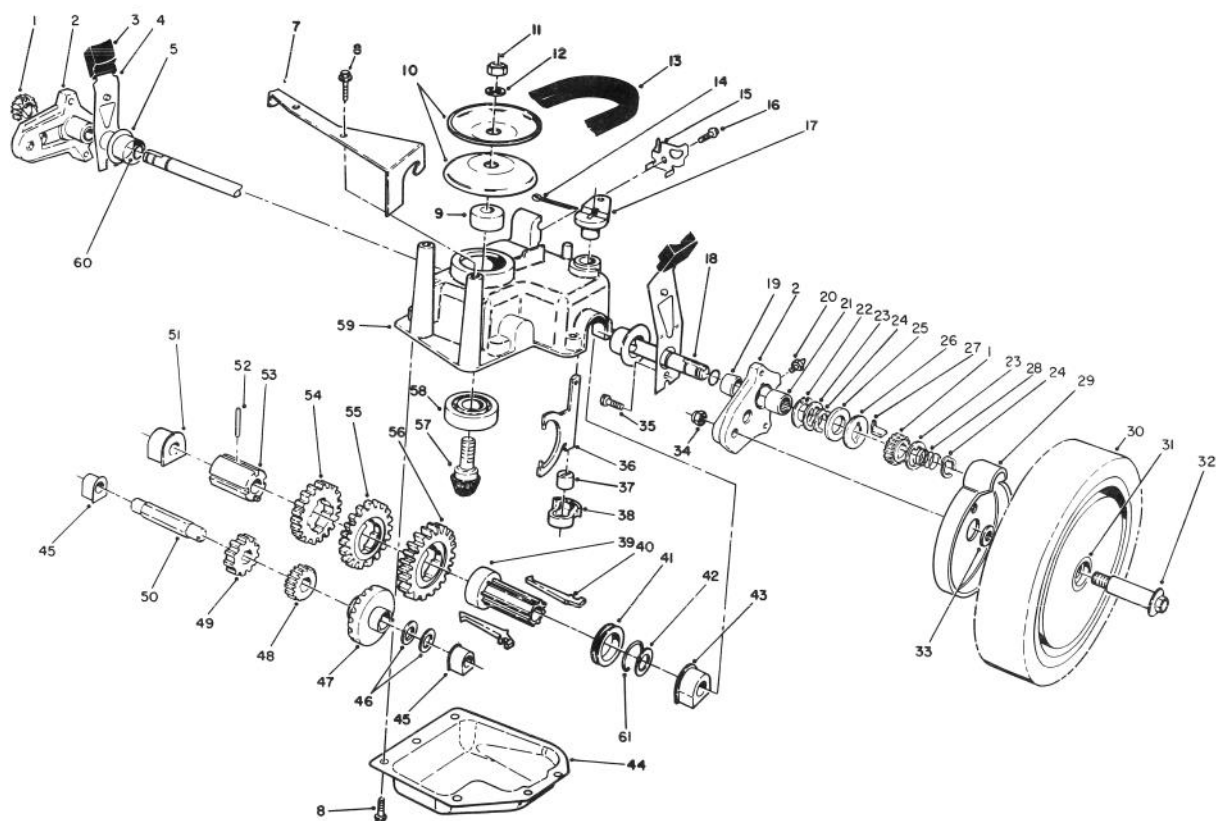


C-0521

## GEAR CASE ASSEMBLY

| Ref. No. | Part No. | Description                                   | No. Used | Ref. No. | Part No. | Description                                 | No. Used |
|----------|----------|-----------------------------------------------|----------|----------|----------|---------------------------------------------|----------|
| 1        | 65-4750  | Pinion                                        | 2        | 26       | 65-4760  | Washer - Clutch                             | 2        |
| 2        | 63-8701  | Pivot Arm Assembly (Incl. Ref # 19, 20, & 21) | 2        | 27       | 66-6050  | Key - Rocker L.H.                           | 1        |
| 3        | 25-7740  | Knob - Arm                                    | 2        | *        | 66-6040  | Key - Rocker R.H.                           | 1        |
| 4        | 63-8720  | Spring Arm Assembly                           | 2        | 28       | 65-4720  | Spring                                      | 2        |
| 5        | 42-3520  | End Cap                                       | 2        | 29       | 74-1660  | Cover - Wheel                               | 2        |
| 7        | 62-4320  | Bracket - Belt Guide                          | 1        | 30       | 11-9519  | Wheel - Tire & Gear Ass'y (Incl. Ref. # 31) | 2        |
| 8        | 49-2040  | Screw - Self Tapping                          | 8        | 31       | 27-6250  | Bushing - Wheel                             | 4        |
| 9        | 62-6660  | Spacer                                        | 1        | 32       | 27-6231  | Wheel Bolt                                  | 2        |
| 10       | 60-8840  | Pulley - Half                                 | 2        | 33       | 74-1670  | Spacer - Wheel Cover                        | 2        |
| 11       | 3296-5   | Locknut                                       | 1        | 34       | 52-3620  | Locknut                                     | 2        |
| 12       | 3256-24  | Washer - Flat                                 | 1        | 35       | 32144-85 | Screw                                       | 2        |
| 13       | 62-3900  | V-Belt                                        | 1        | 36       | 60-8870  | Yoke - Shift                                | 1        |
| 14       | 3272-10  | Pin - Cotter                                  | 1        | 37       | 29-9570  | Bushing - Yoke                              | 1        |
| 15       | 82-8780  | Cable - Retainer                              | 1        | 38       | 60-8810  | Retainer - Shift Fork                       | 1        |
| 16       | 32144-70 | Screw - Thread Forming                        | 1        | 39       | 76-0780  | Sleeve - Shift Key                          | 1        |
| 17       | 60-8820  | Lever - Shift                                 | 1        | 40       | 76-0760  | Key - Shift                                 | 2        |
| 18       | 65-4770  | Shaft - Output                                | 1        | 41       | 76-0770  | Collar - Shift                              | 1        |
| 19       | 70-9760  | Bushing                                       | 2        | 42       | 36-4780  | Washer - Thrust                             | 1        |
| 20       | 302-56   | Fitting - Grease                              | 2        | 43       | 60-8770  | Bushing - Output Shaft                      | 1        |
| 21       | 48-2060  | Needle Bearing                                | 2        | 44       | 60-8730  | Cover - Gear Case                           | 1        |
| 22       | 65-4730  | Thrust Washer                                 | 2        | 45       | 60-8750  | Bushing - Int. Shaft                        | 2        |
| 23       | 65-4740  | Thrust Washer                                 | 4        | 46       | 36-4791  | Washer - Thrust                             | 2        |
| 24       | 65-2720  | Ring - Retaining                              | 4        | 47       | 55-3760  | Gear - Pinion 15 Tooth                      | 1        |
| 25       | 65-4710  | Ring - Friction                               | 2        | 48       | 55-3780  | Gear - Pinion 20 Tooth                      | 1        |

\*Not Illustrated



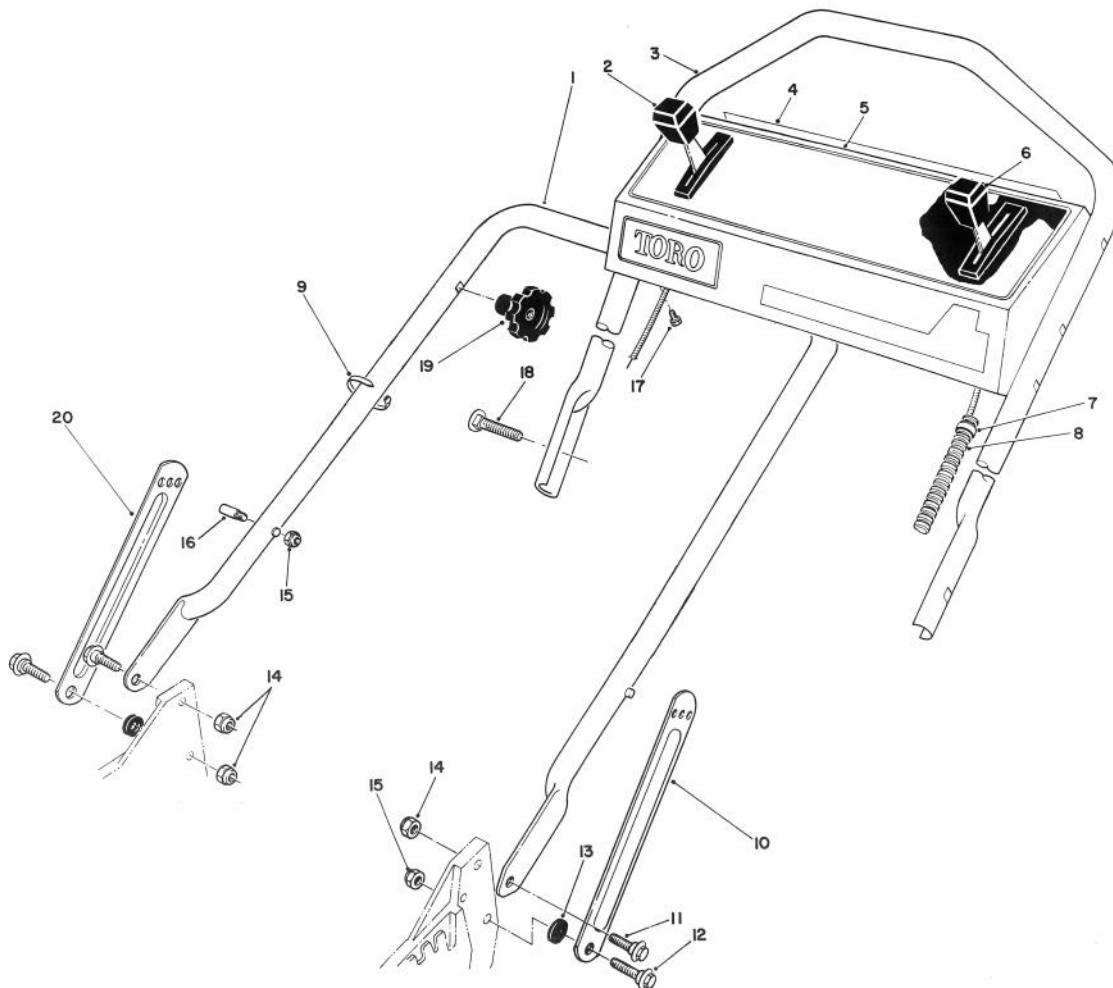
C-0521

## GEAR CASE ASSEMBLY (CONTINUED)

| Ref. No. | Part No.  | Description              | No. Used |
|----------|-----------|--------------------------|----------|
| 49       | 55-3800   | Gear - Pinion            | 1        |
| 50       | 60-8800   | Shaft - Intermediate     | 1        |
| 51       | 60-8850   | Bushing - Output Shaft   | 1        |
| 52       | 32121-120 | Pin - Coil               | 1        |
| 53       | 60-8790   | Sleeve - Gear            | 1        |
| 54       | 55-3810   | Gear - 39 Tooth 3rd Gear | 1        |
| 55       | 55-3790   | Gear - 44 Tooth 2nd Gear | 1        |

| Ref. No. | Part No. | Description              | No. Used |
|----------|----------|--------------------------|----------|
| 56       | 55-3770  | Gear - 49 Tooth 1st Gear | 1        |
| 57       | 60-8890  | Pinion - Bevel           | 1        |
| 58       | 38-7820  | Bearing - Ball           | 1        |
| 59       | 60-8710  | Gear Case - Upper        | 1        |
| 60       | 237-153  | O-Ring                   | 2        |
| 61       | 65-5250  | Clip - Spring            | 1        |
| *        | 62-6673  | Gear Case Assembly       | 1        |

\*Not Illustrated

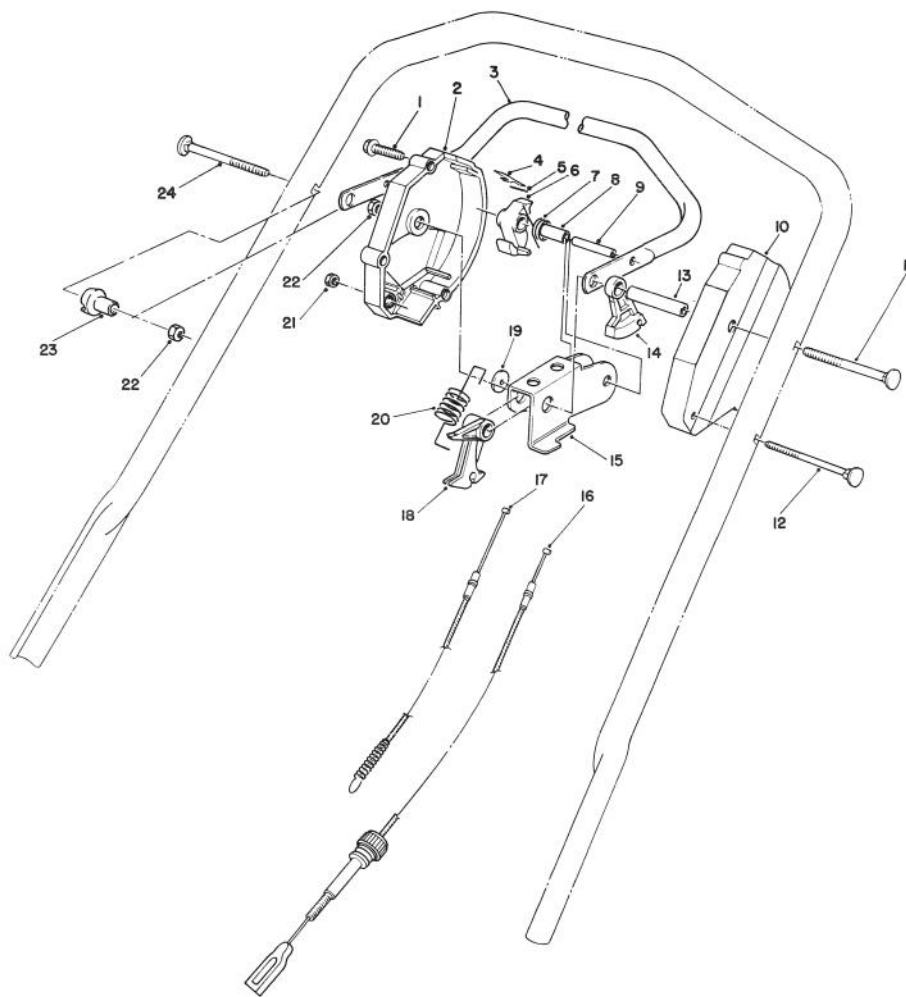


C-0739

## HANDLE ASSEMBLY

| Ref. No. | Part No. | Description            | No. Used | Ref. No. | Part No. | Description           | No. Used |
|----------|----------|------------------------|----------|----------|----------|-----------------------|----------|
| 1        | 82-5530  | Lower Handle Ass'y     | 1        | 9        | 3290-378 | Tie - Cable           | 3        |
| 2        | 76-2711  | Control - Ground Speed | 1        | 10       | 84-8360  | Latch - Handle L.H.   | 1        |
| 3        | 46-5410  | Handle - Upper         | 1        | 11       | 27-7211  | Screw - Shoulder      | 2        |
| 4        | 63-9060  | Decal - Danger         | 1        | 12       | 27-7210  | Screw - Shoulder      | 2        |
| 5        | 14-4099  | Panel - Control        | 1        | 13       | 3-3287   | Spacer - Handle Latch | 2        |
| 6        | 66-0236  | Control - Throttle     | 1        | 14       | 3296-29  | Nut - Lock            | 3        |
|          |          | (Incl. Ref. #4)        |          | 15       | 3296-47  | Nut - Lock            | 3        |
|          |          | (Bend Type # 1)        |          | †16      | 49-2750  | Pin - Handle          | 2        |
|          |          | (Sheath Lg. 62 3/4")   | 1        | 17       | 32104-76 | Screw - Tapping       | 4        |
|          |          | (Wire Lg. 2 1/16")     | 1        | 18       | 17-9421  | Screw - Handle        | 2        |
| 7        | 2412-50  | Clip Convolute Tubing  | 3        | 19       | 19-4050  | Knob - Handle Release | 1        |
| 8        | 46-6440  | Cover - Control Cable  | 1        | 20       | 84-8400  | Latch - Handle R.H.   | 1        |

†Service Replacement Part

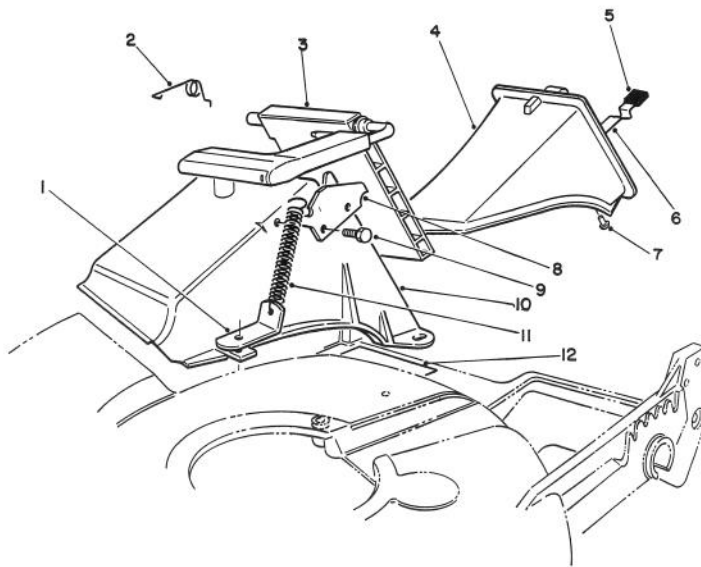


C-0341

## TRACTION CONTROL ASSEMBLY

| Ref. No. | Part No. | Description                                   | No. Used |
|----------|----------|-----------------------------------------------|----------|
| 1        | 46-7040  | Screw - Thread Forming<br>Hex Washer Hd.      | 3        |
| 2        | 12-3429  | Housing - Control R.H.<br>(Incl Ref. # 4 & 5) | 1        |
| 3        | 52-7430  | Control Bar Assembly .                        | 1        |
| 4        | 52-7410  | Spring - Leaf                                 | 1        |
| 5        | 57-6290  | Pin - Insert                                  | 1        |
| 6        | 46-5530  | Hook - Control                                | 1        |
| 7        | 46-5510  | Spring - Torsion                              | 1        |
| 8        | 46-5550  | Bushing - P.M.                                | 1        |
| 9        | 32121-9  | Pin - Coil                                    | 1        |
| 10       | 46-5460  | Housing - Control L.H.                        | 1        |
| 11       | 17-9422  | Screw - Handle                                | 1        |

| Ref. No. | Part No. | Description      | No. Used |
|----------|----------|------------------|----------|
| 12       | 46-6431  | Screw - Handle   | 1        |
| 13       | 46-5590  | Spacer           | 1        |
| 14       | 46-5520  | Lever - Traction | 1        |
| 15       | 66-0180  | Rocker           | 1        |
| 16       | 46-5480  | Cable - Traction | 1        |
| 17       | 83-6600  | Cable - Clutch   | 1        |
| 18       | 46-5540  | Lever - Cable    | 1        |
| 19       | 66-0170  | Washer - Nylon   | 1        |
| 20       | 66-0190  | Spring - Detent  | 1        |
| 21       | 3296-8   | Locknut          | 1        |
| 22       | 3296-58  | Locknut          | 2        |
| 23       | 49-1630  | Support - Spacer | 1        |
| 24       | 17-9421  | Screw - Handle   | 1        |

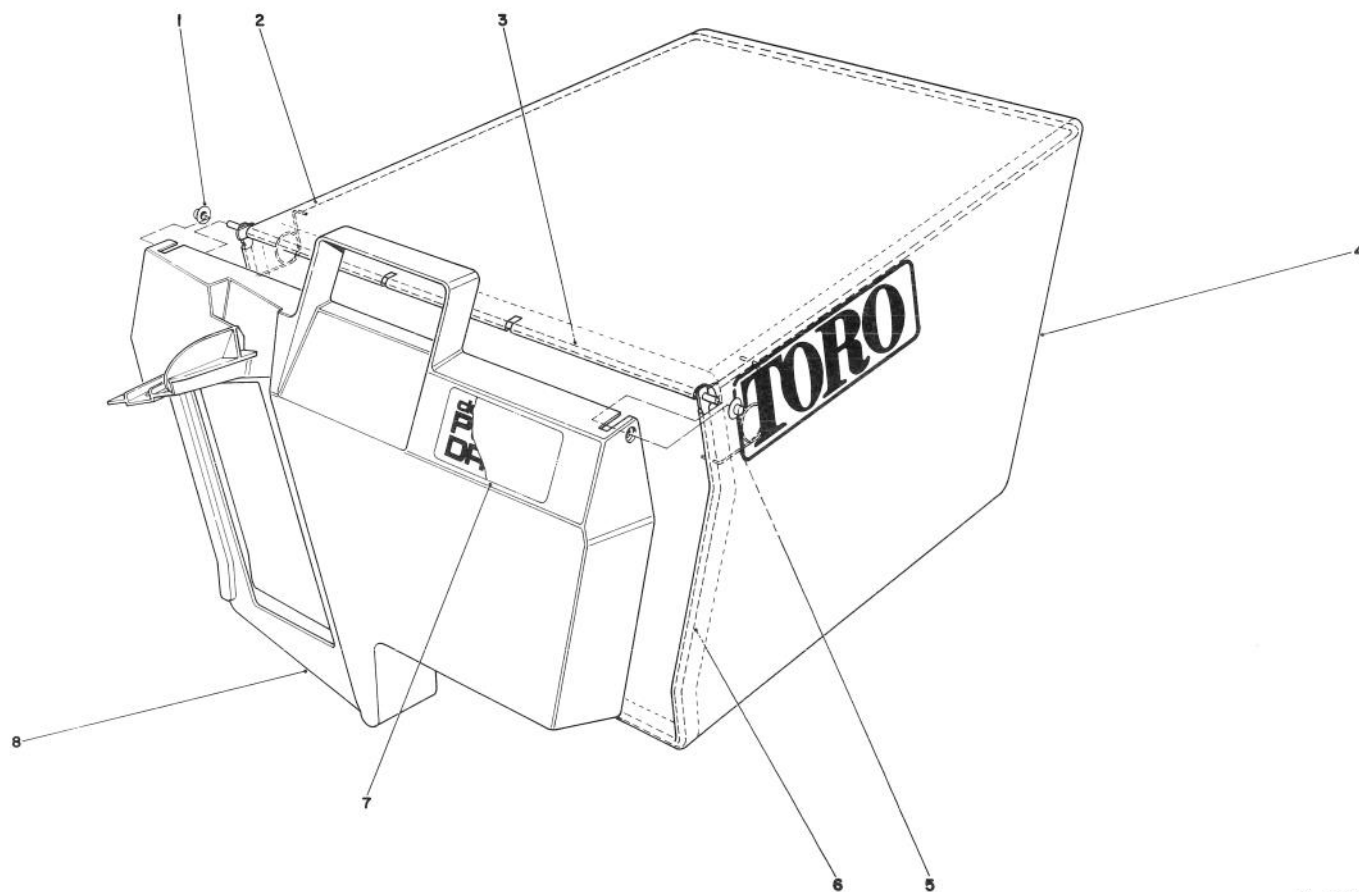


C-1034

## **RECYCLER BAGGING KIT MODEL NO. 59174 (OPTIONAL)**

| Ref. No. | Part No. | Description                            | No. Used | Ref. No. | Part No. | Description                         | No. Used |
|----------|----------|----------------------------------------|----------|----------|----------|-------------------------------------|----------|
| 1        | 80-3780  | Bracket - Spring                       | 1        | 7        | 3295-35  | Rivet                               | 1        |
| 2        | 80-3770  | Retainer - Door                        | 1        | 8        | 76-4570  | Plate - Latch                       | 1        |
| 3        | 77-0200  | Discharge Door Assembly                | 1        | 9        | 46-8090  | Screw - Hex Washer Hd. Self Tapping | 2        |
| 4        | 77-0500  | Plug - Assembly<br>(Incl. Ref. #11-13) | 1        | 10       | 82-9150  | Tunnel - Discharge                  | 1        |
| 5        | 76-4650  | Grip - Latch                           | 1        | 11       | 76-4660  | Spring - Door                       | 1        |
| 6        | 76-4640  | Latch - Plug                           | 1        | 12       | 82-7960  | Decal                               | 1        |

\*Not Illustrated

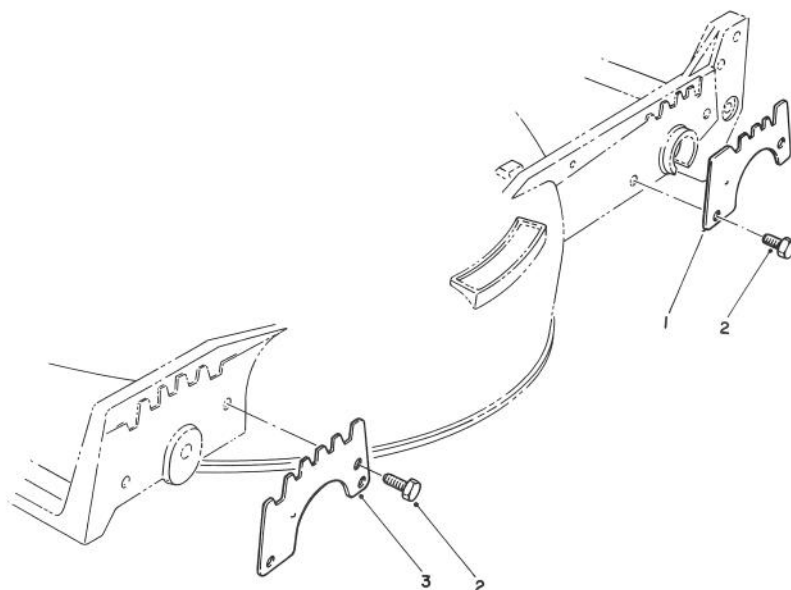


C-0731

## RECYCLER BAGGING KIT MODEL NO. 59174 (CONTINUED) (OPTIONAL)

| Ref. No. | Part No. | Description       | No. Used |
|----------|----------|-------------------|----------|
| 1        | 3290-422 | Nut - Puch        | 2        |
| 2        | 42-4030  | Bag Frame - Upper | 1        |
| 3        | 33-4820  | Hinge - Bag Door  | 1        |
| 4        | 44-0522  | Bag - Grass       | 1        |
| 5        | 36-6910  | Spring            | 2        |

| Ref. No. | Part No. | Description      | No. Used |
|----------|----------|------------------|----------|
| 6        | 42-4020  | Frame - Bag      | 1        |
| 7        | 66-2150  | Decal - Bag Door | 1        |
| 8        | 37-1393  | Door - Grass Bag | 1        |



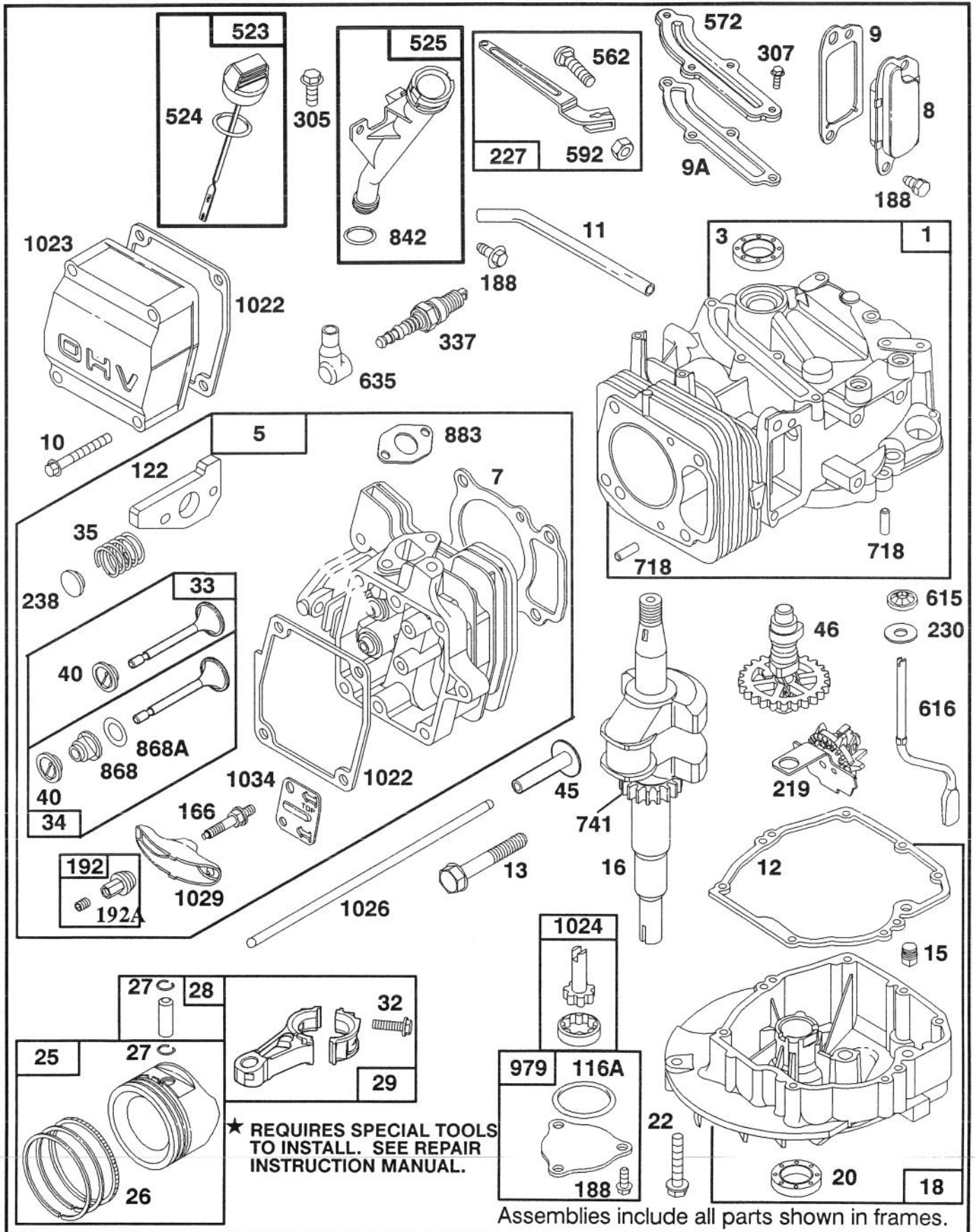
C-0332

## WEAR PLATE MODEL NO. 49-4080 (OPTIONAL)

| Ref. No. | Part No. | Description          | No. Used |
|----------|----------|----------------------|----------|
| 1        | 49-4070  | Plate - Rear Wear    | 2        |
| 2        | 32104-17 | Thread Forming Screw | 8        |

| Ref. No. | Part No. | Description        | No. Used |
|----------|----------|--------------------|----------|
| 3        | 43-5050  | Plate - Wear Front | 2        |

# ENGINE GTS-150 77-8980



# ENGINE GTS-150 77-8980

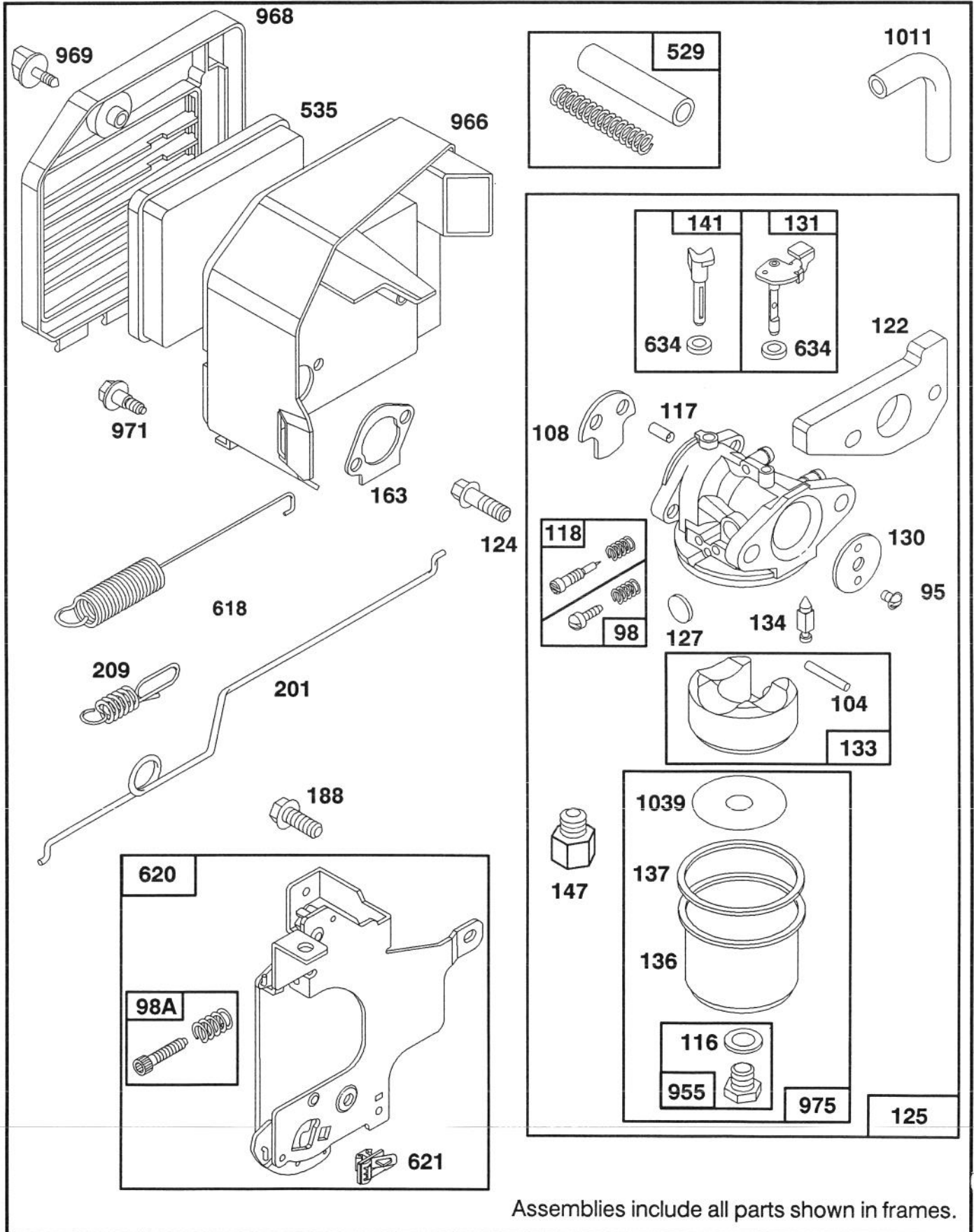
| Ref. No. | Part No. | Description                                            | No. Used |
|----------|----------|--------------------------------------------------------|----------|
| 1        | 77-7590  | Cylinder Assy.                                         | 1        |
| *3       | 77-9060  | Seal - Oil                                             | 1        |
| 5        | 77-7730  | Head - Cylinder                                        | 1        |
| *7       | 77-7740  | Gasket - Cylinder Head                                 | 1        |
| 8        | 77-7430  | Breather - Valve                                       | 1        |
| *9       | 77-7440  | Gasket - Valve Cover                                   | 1        |
| *9A      | 77-7410  | Gasket - Breather                                      | 1        |
| 10       | 77-7360  | Screw - Hex. Head (valve cover)                        | 4        |
| 11       | 77-7350  | Tube - Breather                                        | 1        |
| *12      | 77-7550  | Gasket - Engine Base                                   | 1        |
| 13       | 77-7630  | Screw - Cylinder Head                                  | 4        |
| 15       | 77-7580  | Plug - Oil Drain                                       | 1        |
| 16       | 77-7510  | Crankshaft                                             | 1        |
|          |          | Note: Order Part No 77-7540 For Timing Gear Key        |          |
| 18       | 77-7560  | Base - Engine                                          | 1        |
| *20      | 77-7570  | Seal - Oil                                             | 1        |
| 22       | 77-9070  | Screw - Engine Base                                    | 7        |
|          |          | Note: Order Part No. 77-9080 For Hole Nearest Breather |          |
| 25       | 77-7690  | Piston Assy. (Std.)                                    | 1        |
| 26       | 77-7700  | Ring Set (Std.)                                        | 1        |
| 27       | 77-7710  | Lock - Piston Pin                                      | 2        |
| 28       | 77-7720  | Pin - Piston (Std)                                     | 1        |
| 29       | 77-7670  | Rod - Connecting                                       | 1        |
| 32       | 77-7680  | Screw - Connecting Rod                                 | 2        |
| 33       | 77-7860  | Valve - Exhaust                                        | 1        |
| 34       | 77-7880  | Valve - Intake                                         | 1        |
| 35       | 77-7810  | Spring - Valve                                         | 2        |
| 40       | 77-7870  | Retainer - Spring                                      | 2        |
| 45       | 77-7610  | Tappet - Valve                                         | 2        |
| 46       | 77-7490  | Gear - Cam                                             | 1        |
| *116A    | 77-7660  | Seal - O Ring                                          | 1        |
| †122     | 77-7820  | Adapter Assy.                                          | 1        |
| 166      | 77-7780  | Stud - Rocker Arm                                      | 2        |

| Ref. No. | Part No. | Description                                 | No. Used |
|----------|----------|---------------------------------------------|----------|
| 188      | 77-7450  | Screw - Sem (Breather Mounting, pump cover) | 5        |
| 192      | 77-7910  | Nut - Hex Special                           | 2        |
| 192A     | 77-9090  | Screw - Set                                 | 2        |
| 219      | 77-7500  | Gear - Governor                             | 1        |
| 227      | 77-7370  | Lever - Governor                            | 1        |
| 230      | 77-7470  | Washer - Thrust                             | 1        |
| 238      | 77-7800  | Cap - Valve                                 | 2        |
| 305      | 77-8310  | Screw - Hex. Head                           | 2        |
| 307      | 77-7420  | Screw - Sem (breather cover)                | 4        |
| 337      | 77-7330  | Plug - Spark                                | 1        |
| 523      | 77-7260  | Dipstick - Oil                              | 1        |
| *524     | 77-7270  | Seal - Intake Elbow                         | 1        |
| 525      | 77-7290  | Tube - Oil Filler                           | 1        |
| 562      | 77-7380  | Bolt - Governor Lever                       | 1        |
| 572      | 77-7400  | Baffle - Cylinder                           | 1        |
| 592      | 77-7390  | Nut - Hex.                                  | 1        |
| 615      | 77-7480  | Fastener                                    | 1        |
| 616      | 77-7460  | Crank - Governor                            | 1        |
| 635      | 77-7340  | Elbow - Spark Plug                          | 1        |
| 718      | 77-7600  | Dowel - Sleeve                              | 2        |
| 741      | 77-7530  | Gear - Timing                               | 1        |
| *842     | 77-7300  | Seal - O Ring                               | 1        |
| *868     | 77-7890  | Seal Assy. - Valve                          | 1        |
| *868A    | 77-7900  | Gasket - Valve                              | 1        |
| *883     | 77-7760  | Gasket - Exhaust                            | 1        |
| 979      | 77-7650  | Cover - Oil Pump                            | 1        |
| *1022    | 77-7320  | Gasket - Rocker Cover                       | 1        |
| 1023     | 77-7060  | Cover - Valve                               | 1        |
| 1024     | 77-7640  | Pump - Oil                                  | 1        |
| 1026     | 77-7620  | Rod - Push                                  | 2        |
| 1029     | 77-7790  | Arm - VLV Rocker                            | 2        |
| 1034     | 77-7770  | Guide - Push Rod                            | 1        |

\*Included in Gasket Set

†Included in Carburetor Overhaul Kit

# ENGINE GTS-150 77-8980



# ENGINE GTS-150 77-8980

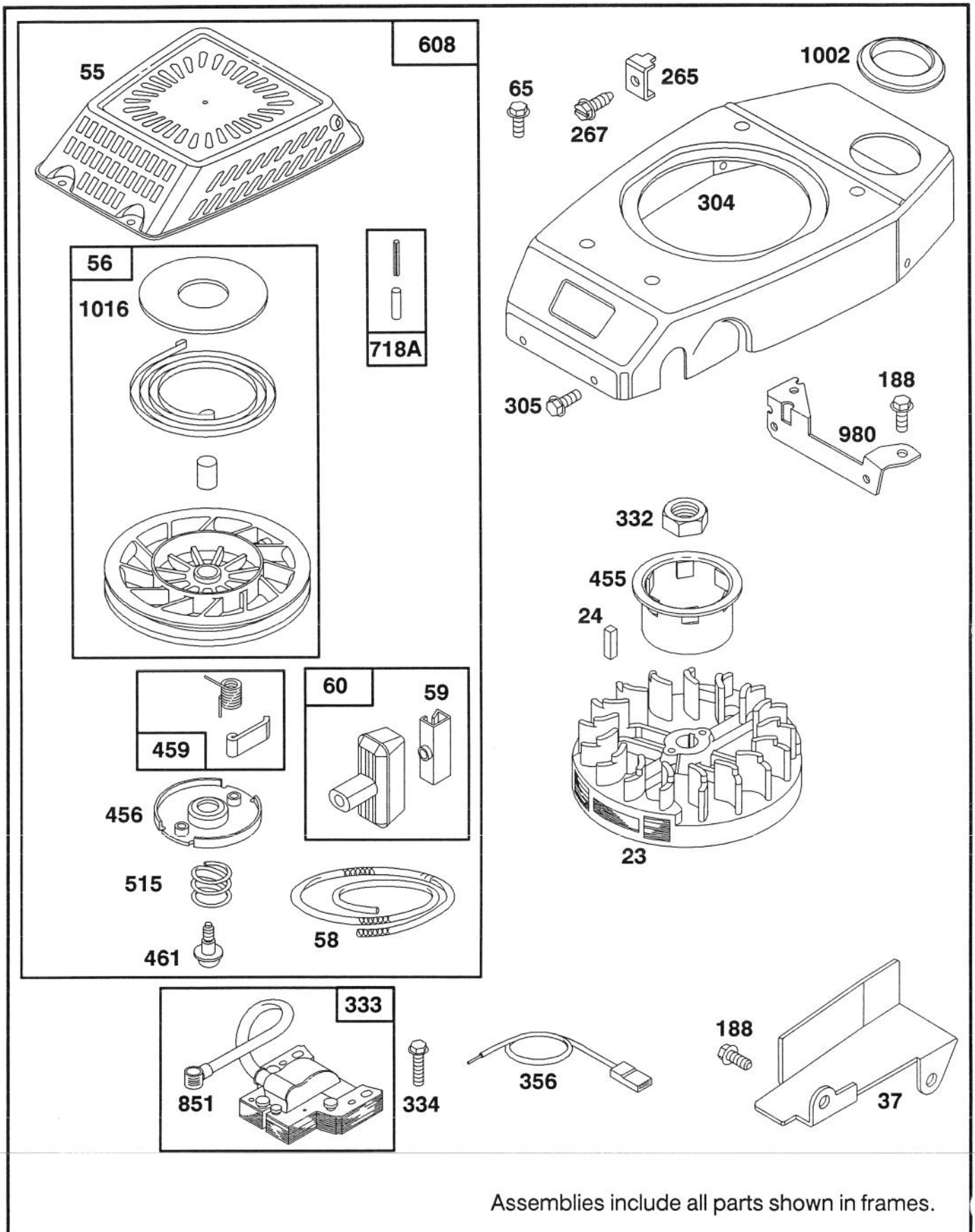
| Ref. No. | Part No. | Description                                                             | No. Used |
|----------|----------|-------------------------------------------------------------------------|----------|
| 95       | 77-8090  | Screw - Round Head                                                      | 1        |
| 98       | 77-8240  | Screw - Idle Adj.                                                       | 1        |
| 98A      | 77-8020  | Screw Assy - Speed Adj.                                                 | 1        |
| †104     | 77-8180  | Pin - Float Hinge                                                       | 1        |
| 108      | 77-8070  | Valve - Choke                                                           | 1        |
| †116     | 77-8210  | Washer - Fuel Bowl                                                      | 1        |
| †117     | 77-8060  | Jet - Needle Valve                                                      | 1        |
| †118     | 77-8230  | Valve & Kit - Needle                                                    | 1        |
| †122     | 77-7820  | Adapter Assy.                                                           | 1        |
| 124      | 77-7970  | Screw - Hex Head<br>(carburetor mounting)                               | 2        |
| 125      | 77-8050  | Carburetor Assy                                                         | 1        |
| †127     | 77-8100  | Plug - Welch                                                            | 1        |
| 130      | 77-8080  | Valve - Throttle                                                        | 1        |
| 131      | 77-8160  | Shaft - Throttle                                                        | 1        |
| 133      | 77-8170  | Float - Carburetor                                                      | 1        |
| †134     | 77-8110  | Valve - Float<br>(Includes Seat)                                        | 1        |
| 136      | 77-7240  | Bowl - Fuel                                                             | 1        |
| †137     | 77-8200  | Gasket - Fuel Bowl                                                      | 1        |
| 141      | 77-8130  | Shaft - Choke                                                           | 1        |
| 147      | 77-8120  | Adapter - Jet<br>Note: For High Altitude Jet,<br>Order Part No. 77-9000 | 1        |

| Ref. No. | Part No. | Description                                                     | No. Used |
|----------|----------|-----------------------------------------------------------------|----------|
| *163     | 77-7960  | Gasket - Air Cleaner                                            | 1        |
| 188      | 77-7450  | Screw - Hex. Head<br>(connecting bracket)                       | 2        |
| 201      | 77-7980  | Link - Governor                                                 | 1        |
| 209      | 77-7990  | Spring - Governor                                               | 1        |
| 529      | 77-8030  | Tube - Breather                                                 | 1        |
| 535      | 77-7950  | Element - Filter<br>Note: 77-9010 - Element<br>Paper (Optional) | 1        |
| 618      | 77-8140  | Spring - Return                                                 | 1        |
| 620      | 77-8000  | Bracket - Carburetor                                            | 1        |
| 621      | 77-8010  | Switch - Stop                                                   | 1        |
| †634     | 77-8150  | Washer - Seal                                                   | 2        |
| 955      | 77-8220  | Screw - Hex Head                                                | 1        |
| 966      | 77-7940  | Base Air Cleaner                                                | 1        |
| 968      | 77-7040  | Cover - Air Cover                                               | 1        |
| 969      | 77-7920  | Screw - Air Cleaner                                             | 1        |
| 971      | 77-7930  | Screw - Air Cleaner                                             | 3        |
| 975      | 77-8190  | Bowl Assy. - Carburetor                                         | 1        |
| 1011     | 77-8040  | Tube - Vent                                                     | 1        |
| †1039    | 77-7250  | Limiter - Float                                                 | 1        |

\*Included in Gasket Set

†Included in Carburetor Overhaul Kit

# ENGINE GTS-150 77-8980

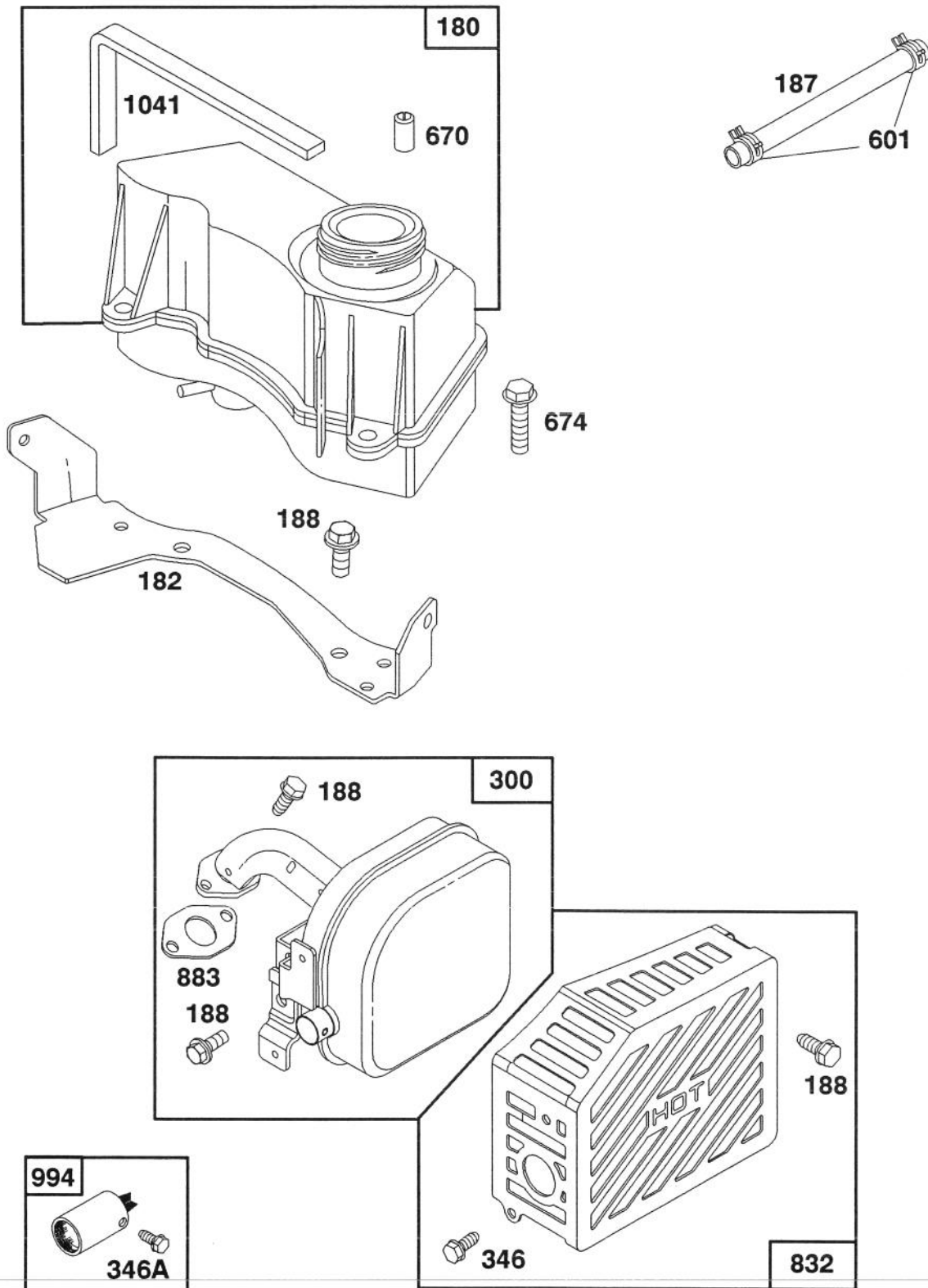


## ENGINE GTS-150 77-8980

| Ref. No. | Part No. | Description                                               | No. Used |
|----------|----------|-----------------------------------------------------------|----------|
| 23       | 77-8330  | Flywheel - Magneto                                        | 1        |
| 24       | 77-8340  | Key - Flywheel                                            | 1        |
| 37       | 77-7190  | Guard - Flywheel                                          | 1        |
| 55       | 77-8460  | Housing - Rewind Starter                                  | 1        |
| 56       | 77-8560  | Pulley - Rewind Starter                                   | 1        |
| 58       | 77-8480  | Spool - Starter Rope<br>(Cut To Suit)                     | 1        |
| 59       | 77-7210  | Insert - Starter Grip                                     | 1        |
| 60       | 77-8510  | Grip - Starter Rope                                       | 1        |
| 65       | 77-8300  | Screw - Hex. Head                                         | 4        |
| 188      | 77-7450  | Screw - Hex. Head<br>( Blower bracket,<br>Flywheel Guard) | 4        |
| 265      | 77-8280  | Clamp - Casing                                            | 1        |
| 267      | 77-8290  | Screw - Hex Head                                          | 1        |
| 304      | 77-8270  | Housing - Blower                                          | 1        |
| 305      | 77-8310  | Screw - Hex. Head<br>(blower housing)                     | 4        |

| Ref. No. | Part No. | Description               | No. Used |
|----------|----------|---------------------------|----------|
| 332      | 77-8360  | Nut - Hex                 | 1        |
| 333      | 77-8420  | Armature - Magneto        | 1        |
| 334      | 77-8440  | Screw - Sem               | 2        |
| 356      | 77-8400  | Wire - Ground             | 1        |
| 455      | 77-8350  | Cup - Starter             | 1        |
| 456      | 77-8470  | Retainer - Spring         | 1        |
| 459      | 77-8530  | Pawl & Spring Ratchet     | 2        |
| 461      | 77-8490  | Screw - Rewind Starter    | 1        |
| 515      | 77-8500  | Spring - Retainer         | 1        |
| 608      | 77-8450  | Starter Assy - Rewind     | 1        |
| 718A     | 77-8550  | Dowel - Sleeve            | 1        |
| 851      | 77-8430  | Terminal - Spark Plug     | 1        |
| 980      | 77-7140  | Bracket - Blower Housing. | 1        |
| 1002     | 77-7180  | Grommet                   | 1        |
| 1016     | 77-8570  | Cover - Pulley            | 1        |

# ENGINE GTS-150 77-8980



Assemblies include all parts shown in frames.

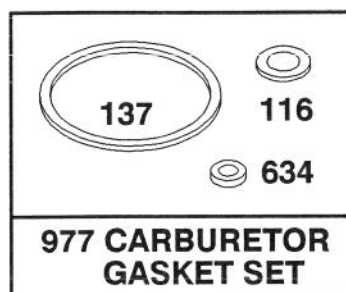
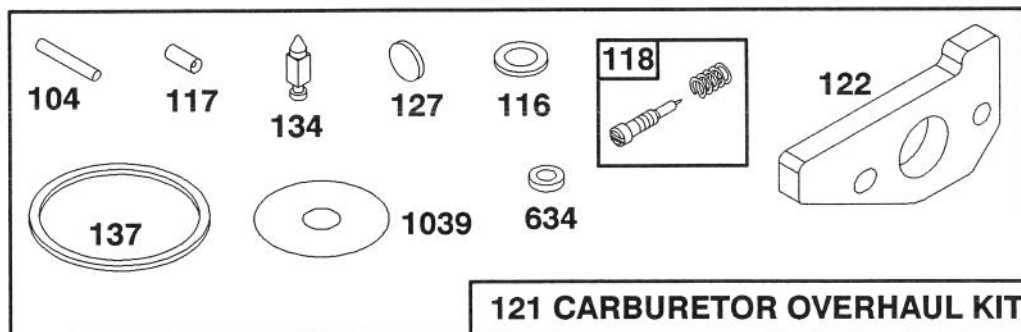
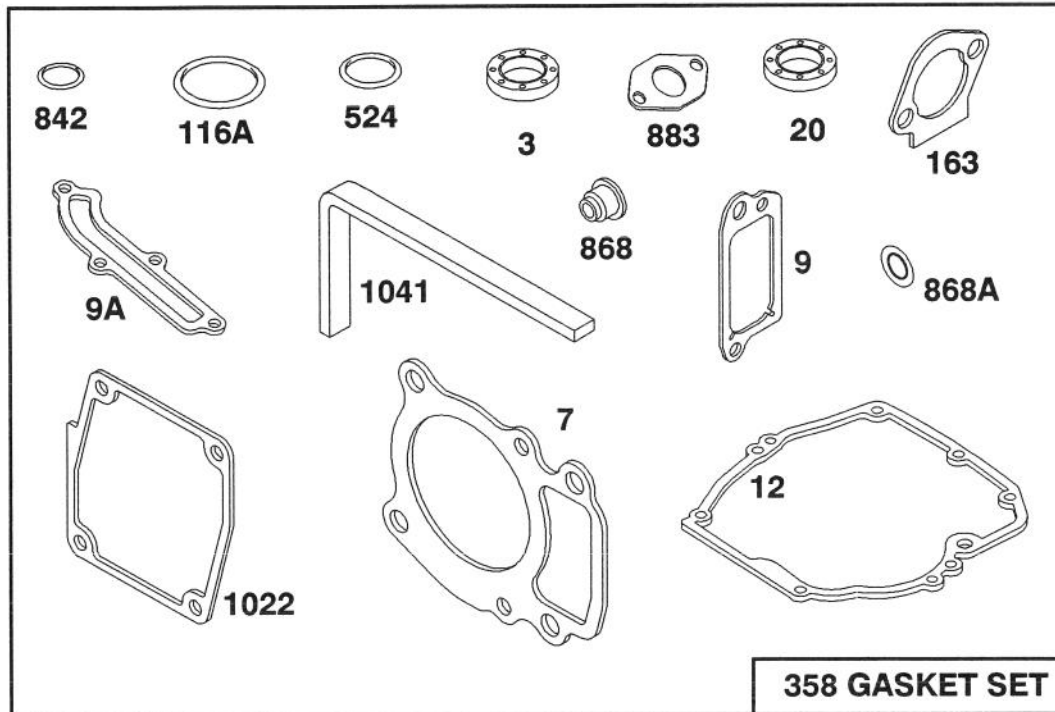
## ENGINE GTS-150 77-8980

| Ref. No. | Part No. | Description                                                                                            | No. Used |
|----------|----------|--------------------------------------------------------------------------------------------------------|----------|
| 180      | 77-8580  | Tank Assy - Fuel                                                                                       | 1        |
| 182      | 77-7170  | Bracket - Fuel Tank                                                                                    | 1        |
| 187      | 77-8620  | Hose - Fuel<br>(Cut To Suit)                                                                           | 1        |
| 188      | 77-7450  | Screw - Hex. Head<br>(muffler guard, muffler<br>manifold to head<br>connecting bracket,<br>tk bracket) | 7        |
| 300      | 77-8640  | Muffler - Exhaust                                                                                      | 1        |
| 346      | 77-8650  | Screw - Self Tapping<br>(muffler guard)                                                                | 2        |

| Ref. No. | Part No. | Description                  | No. Used |
|----------|----------|------------------------------|----------|
| 346A     | 77-9050  | Screw - Arrester Mtg.        | 1        |
| 601      | 77-8630  | Clamp - CL Pipe              | 2        |
| 670      | 77-9030  | Spacer - Fuel Tank (Incl. 2) | 1        |
| 674      | 77-8600  | Screw - Tank Mtg.            | 2        |
| 832      | 77-8660  | Guard - Muffler              | 1        |
| *883     | 77-7760  | Gasket - Exhaust             | 1        |
| 994      | 77-9040  | Arrester - Spark             | 1        |
| *1041    | 77-8590  | Seal - Foam                  | 1        |

\*Included in Gasket Set

# ENGINE GTS-150 77-8980

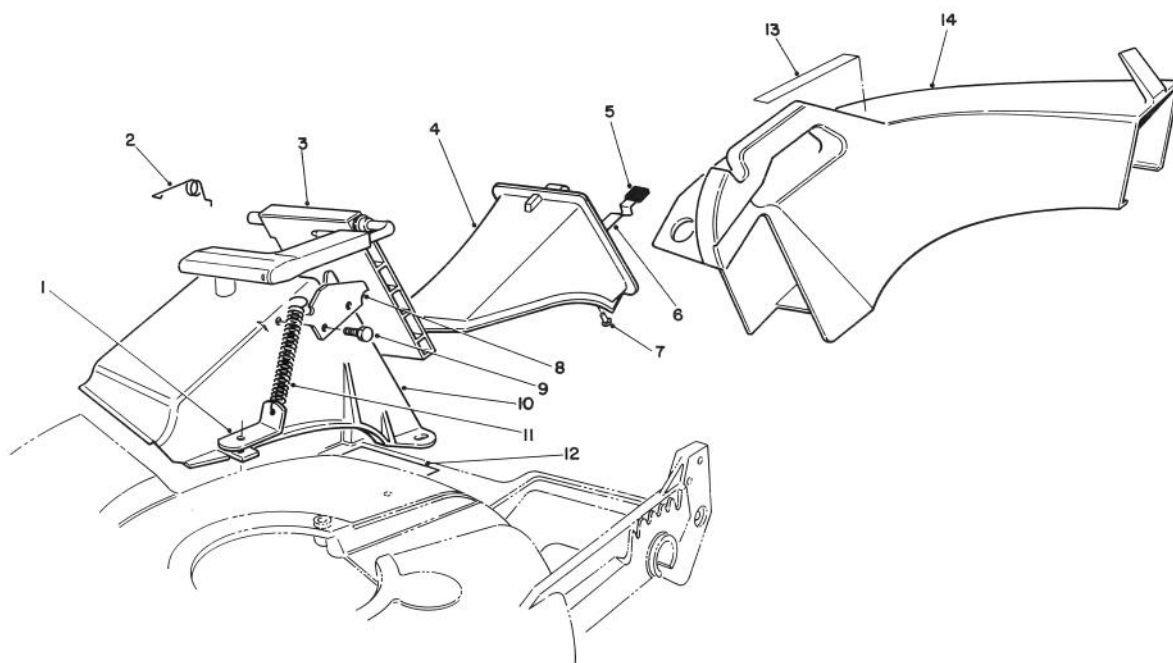


Assemblies include all parts shown in frames.

## ENGINE GTS-150 77-8980

| Ref. No. | Part No. | Description               | No. Used |
|----------|----------|---------------------------|----------|
| 3        | 77-9060  | Seal - Oil                | 1        |
| 7        | 77-7740  | Gasket - Cylinder Head    | 1        |
| 9        | 77-7440  | Gasket - Valve Cover      | 1        |
| 9A       | 77-7410  | Gasket - Breather         | 1        |
| 12       | 77-7550  | Gasket - Engine Base      | 1        |
| 20       | 77-7570  | Seal - Oil                | 1        |
| 104      | 77-8180  | Pin - Float Hinge         | 1        |
| 116      | 77-8210  | Washer - Fuel Bowl        | 1        |
| 116A     | 77-7660  | Seal - O Ring             | 1        |
| 117      | 77-8060  | Jet - Needle Valve        | 1        |
| 118      | 77-8230  | Valve & Kit - Needle      | 1        |
| 121      | 77-8920  | Overhaul Kit - Carburetor | 1        |
| 122      | 77-7820  | Adapter Assy.             | 1        |
| 127      | 77-8100  | Plug - Welch              | 1        |
| 134      | 77-8110  | Valve - Float             | 1        |

| Ref. No. | Part No. | Description             | No. Used |
|----------|----------|-------------------------|----------|
|          |          | (Includes Seat)         |          |
| 137      | 77-8200  | Gasket - Fuel Bowl      | 1        |
| 163      | 77-7960  | Gasket - Air Cleaner    | 1        |
| 358      | 77-8900  | Gasket Set              | 1        |
| 524      | 77-7270  | Seal - Intake Elbow     | 1        |
| 634      | 77-8150  | Washer - Seal           | 2        |
| 842      | 77-7300  | Seal - O Ring           | 1        |
| 868      | 77-7890  | Seal Assy - Valve       | 1        |
| 868A     | 77-7900  | Gasket - Valve          | 1        |
| 883      | 77-7760  | Gasket - Exhaust        | 1        |
| 977      | 77-8930  | Gasket Set - Carburetor | 1        |
| 1022     | 77-7320  | Gasket - Rocker Cover   | 1        |
| 1039     | 77-7250  | Limiter - Float         | 1        |
| 1041     | 77-8590  | Seal - Foam             | 1        |
|          | 77-8980  | GTS150 BBC ENGINE       | 1        |
|          | 77-9000  | High Altitude Jet       | 1        |



C-1035

## RECYCLER SIDE DISCHARGE KIT MODEL NO. 59189 (OPTIONAL)

| Ref. No. | Part No. | Description                        | No. Used |
|----------|----------|------------------------------------|----------|
| 1        | 80-3780  | Bracket - Spring                   | 1        |
| 2        | 80-3770  | Retainer - Door                    | 1        |
| 3        | 77-0200  | Discharge Door Assembly            | 1        |
| 4        | 77-0500  | Plug Assembly<br>(Incl. Ref. #5-7) | 1        |
| 5        | 76-4650  | Grip - Latch                       | 1        |
| 6        | 76-4640  | Latch - Plug                       | 1        |
| 7        | 3295-35  | Rivet                              | 1        |

| Ref. No. | Part No. | Description                            | No. Used |
|----------|----------|----------------------------------------|----------|
| 8        | 76-4570  | Plate - Latch                          | 1        |
| 9        | 46-8090  | Screw - Hex Washer Hd.<br>Self Tapping | 2        |
| 10       | 82-9150  | Tunnel - Discharge                     | 1        |
| 11       | 76-4660  | Spring - Door                          | 1        |
| 12       | 85-7250  | Decal - Caution                        | 1        |
| 13       | 76-4780  | Decal - Warning                        | 1        |
| 14       | 65-2730  | Chute - Discharge                      | 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 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.

## 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.

## MAINTENANCE RECORD

[illegible]

Compliance with Radio Interference Regulations Certified.  
Certifie Conforme au Reglement sur le Brouillage Radioelectrique.

## MAINTENANCE RECORD

[illegible]