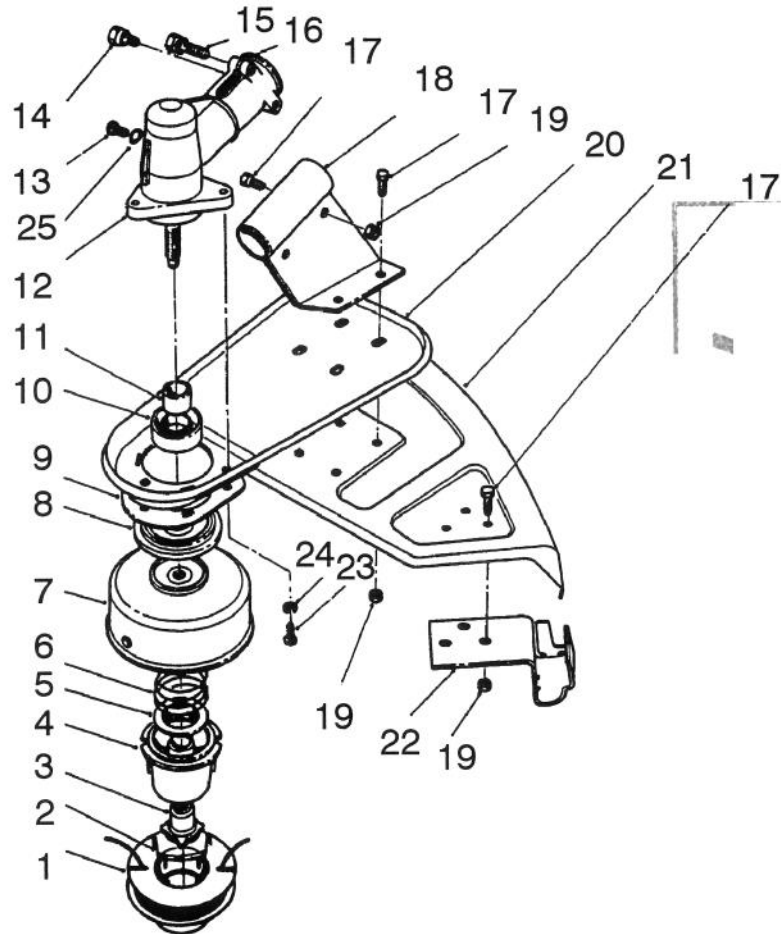


**TORO®**

MODEL NO. 51650-2000001 &amp; UP

**PARTS  
CATALOG****TC 3100 GAS TRIMMER**

C-0210

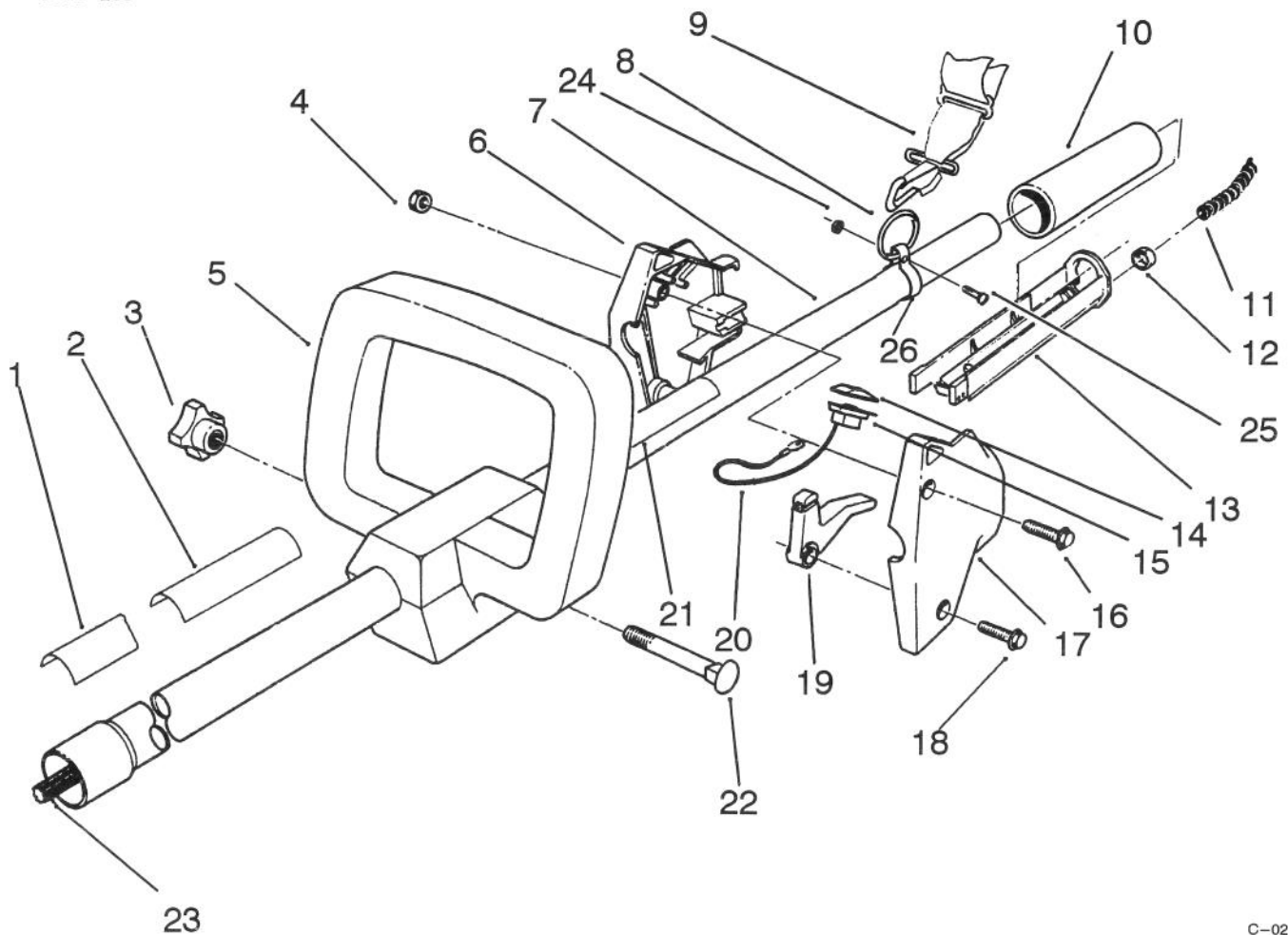
**CUTTER HEAD & GEAR BOX ASSEMBLY**

| Ref. No. | Part No. | Description                                   | No. Used |
|----------|----------|-----------------------------------------------|----------|
| 1        | 83-4650  | Prewound Spool                                | 1        |
| 2        | 33-8940  | Saddle - Spool Cap                            | 1        |
| 3        | 61-4560  | Driver - L.H.                                 | 1        |
| 4        | 33-6230  | Core - Spool                                  | 1        |
| 5        | 3256-42  | Washer                                        | 1        |
| 6        | 33-6460  | Spring                                        | 1        |
| 7        | 46-2650  | Drum Assembly w/Eyelet                        | 1        |
| 8        | 48-2080  | Cap - Dust                                    | 1        |
| 9        | 57-5540  | Guard - Grass Wrap                            | 1        |
| 10       | 48-2090  | Seal - Oil                                    | 1        |
| 11       | 48-2100  | Sleeve - Spline                               | 1        |
| 12       | 52-5710  | Gear Box Assembly (Incl. Ref. #10,11 & 13-16) | 1        |
| 13       | 48-2110  | Screw - Hex. Hd.                              | 1        |

| Ref. No. | Part No. | Description                     | No. Used |
|----------|----------|---------------------------------|----------|
| 14       | 48-2150  | Screw - Hex. Hd.                | 1        |
| 15       | 48-2130  | Screw - Hex. Hd.                | 2        |
| 16       | 48-2140  | Washer                          | 2        |
| 17       | 32105-8  | Screw - Hex. Hd.                | 9        |
| 18       | 47-2760  | Bracket - Shield                | 1        |
| 19       | 3296-2   | Nut - Lock                      | 9        |
| 20       | 47-2800  | Support - Shield                | 1        |
| 21       | 61-4571  | Shield - Grass                  | 1        |
| 22       | 61-4540  | Bracket & Knife Blade Ass'y     | 1        |
| 23       | 57-5550  | Screw - Guard                   | 3        |
| 24       | 55-8050  | Washer - lock                   | 3        |
| 25       | 48-2120  | Gasket - Washer                 | 1        |
| *        | 83-4610  | Head Assembly (Incl. Ref. #1-7) | 1        |

\*Not Illustrated

TPS

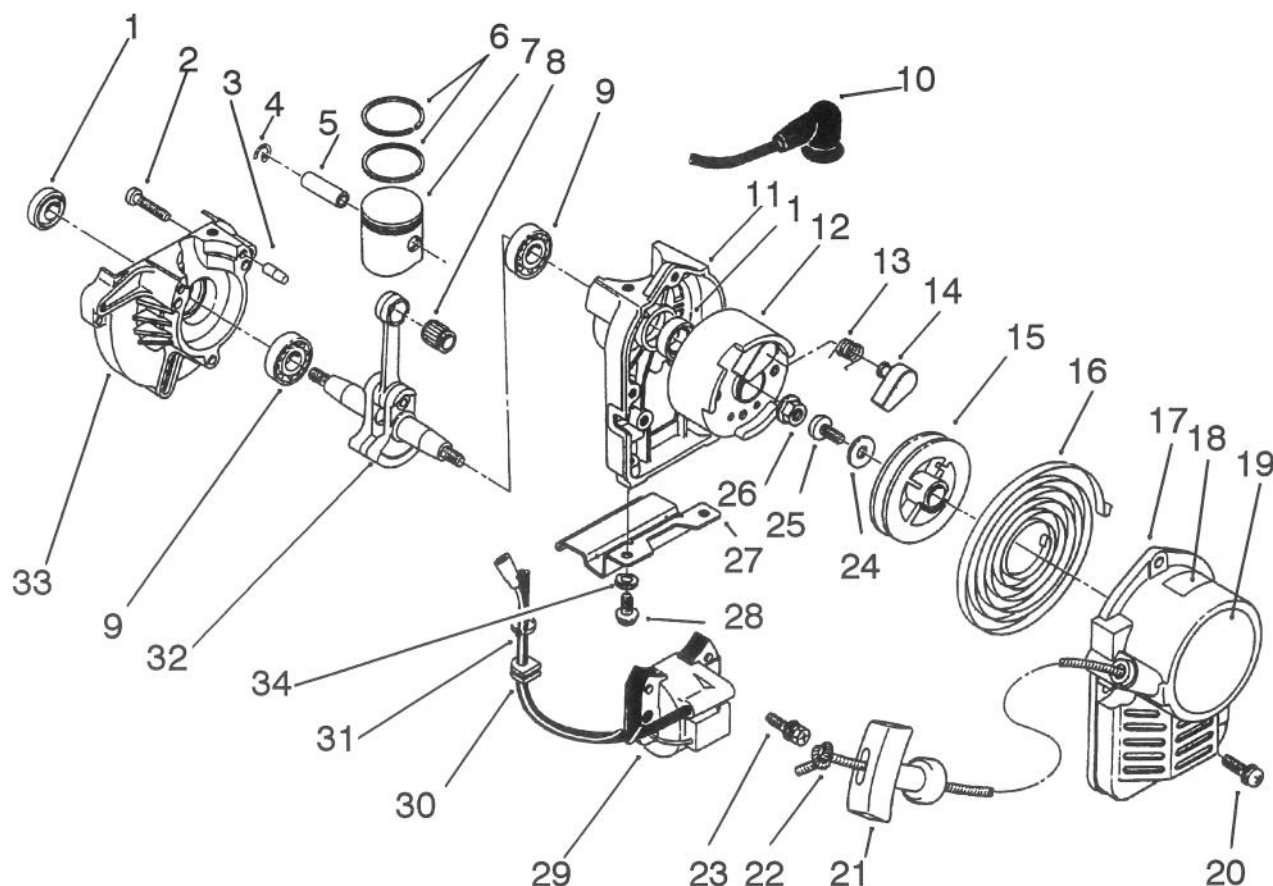


C-0211

## HANDLE ASSEMBLY

| Ref. No. | Part No. | Description        | No. Used |
|----------|----------|--------------------|----------|
| 1        | 61-4480  | Decal - TC 3100    | 1        |
| 2        | 82-6060  | Decal - Danger     | 1        |
| 3        | 19-4050  | Knob - Loop Handle | 2        |
| 4        | 3296-12  | Nut - Lock         | 1        |
| 5        | 42-5550  | Handle             | 1        |
| 6        | 57-5481  | Housing - R.H.     | 1        |
| 7        | 61-4390  | Tube Assembly      | 1        |
| 8        | 44-7540  | Ring - Harness     | 1        |
| 9        | 57-5430  | Harness - Shoulder | 1        |
| 10       | 53-7120  | Grip               | 1        |
| 11       | 55-8411  | Cover - Cable      | 1        |
| 12       | 2412-48  | Clip               | 2        |
| 13       | 53-7290  | Trough             | 1        |

| Ref. No. | Part No. | Description          | No. Used |
|----------|----------|----------------------|----------|
| 14       | 218-557  | Cap - Switch         | 1        |
| 15       | 42-6000  | Switch               | 1        |
| 16       | 32105-12 | Screw - Hex. Hd.     | 1        |
| 17       | 57-5491  | Housing - L.H.       | 1        |
| 18       | 57-5420  | Screw - Hex. Hd.     | 1        |
| 19       | 53-7273  | Lever - Throttle     | 1        |
| 20       | 53-7370  | Wire Assembly        | 2        |
| 21       | 83-6620  | Decal - Instructions | 1        |
| 22       | 3-7253   | Bolt - Carriage      | 1        |
| 23       | 53-7211  | Shaft - Drive        | 1        |
| 24       | 3296-12  | Nut - Lock           | 1        |
| 25       | 3251-4   | Screw                | 1        |
| 26       | 44-7550  | Clamp - Harness      | 1        |



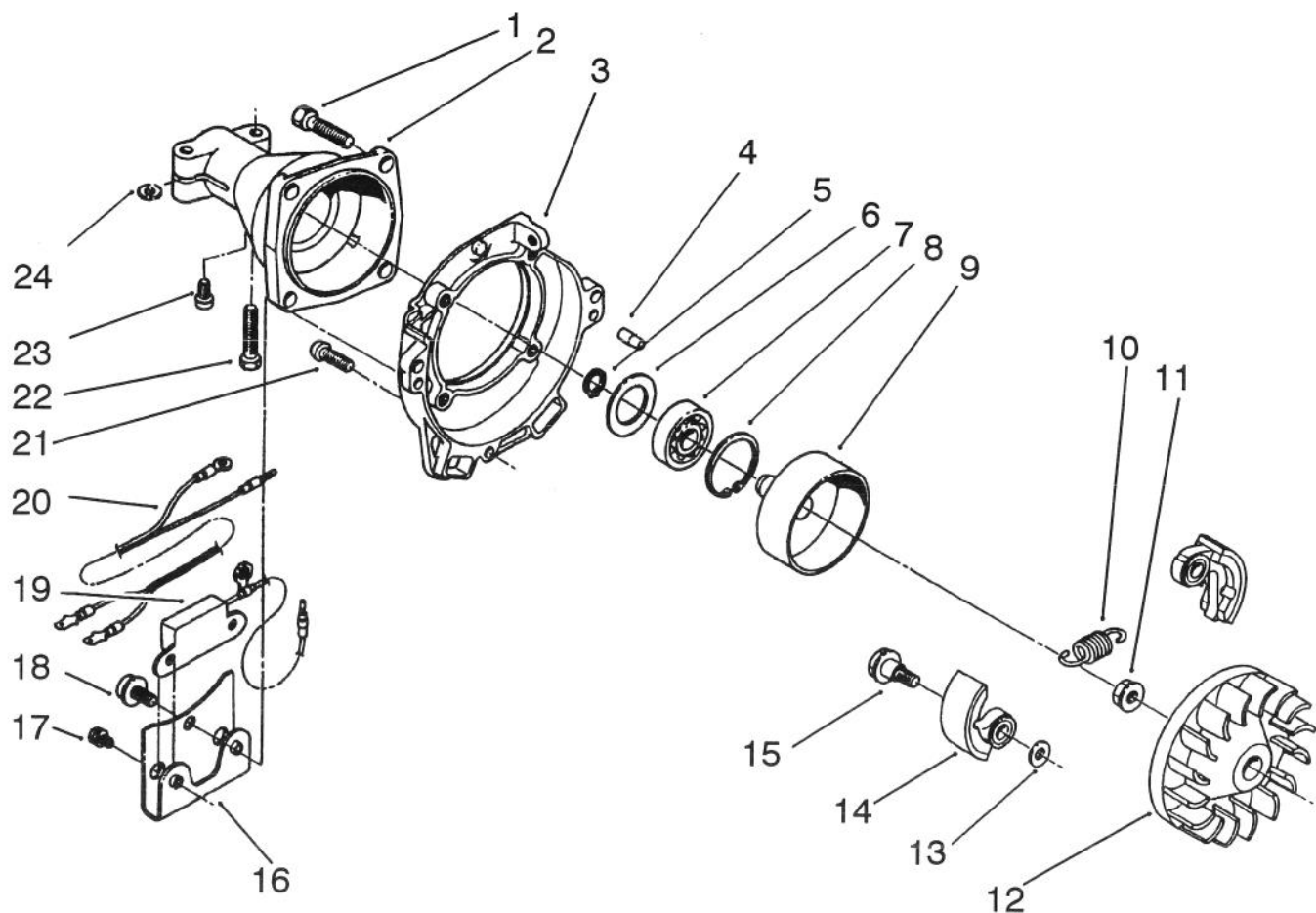
C-1166

## ENGINE ASSEMBLY

| Ref. No. | Part No. | Description                           | No. Used |
|----------|----------|---------------------------------------|----------|
| 1        | 54-4380  | Seal - Oil                            | 2        |
| 2        | 54-4330  | Screw                                 | 3        |
| 3        | 60-7590  | Pin - Dowel                           | 4        |
| 4        | 54-5920  | Clip - Piston Pin                     | 2        |
| 5        | 54-5910  | Pin - Piston                          | 1        |
| 6        | 54-5490  | Ring - Piston                         | 2        |
| 7        | 54-5900  | Piston Assembly<br>(Incl. Ref.# 5)    | 1        |
| 8        | 54-5930  | Bearing - Needle                      | 1        |
| 9        | 54-4360  | Bearing - Ball                        | 2        |
| 10       | 54-4730  | Cap - Plug                            | 1        |
| 11       | 60-7600  | Case - Starter Side                   | 1        |
| 12       | 88-0190  | Rotor Assembly<br>(Incl. Ref.# 13-14) | 1        |
| 13       | 77-1370  | Spring - Return                       | 1        |
| 14       | 77-1380  | Ratchet                               | 1        |
| 15       | 60-8230  | Reel                                  | 1        |
| 16       | 54-5420  | Spring - Spiral                       | 1        |
| 17       | 88-0120  | Case - Starter                        | 1        |

| Ref. No. | Part No. | Description                                          | No. Used |
|----------|----------|------------------------------------------------------|----------|
| 18       | 65-2690  | Decal - Hot                                          | 2        |
| 19       | 86-9450  | Decal - Toro                                         | 1        |
| 20       | 60-7930  | Screw/Washer                                         | 3        |
| 21       | 54-5440  | Knob - Starter                                       | 1        |
| 22       | 54-6370  | Rope - Starter                                       | 1        |
| 23       | 60-7610  | Bolt/Washer                                          | 2        |
| 24       | 54-5400  | Washer                                               | 1        |
| 25       | 88-0200  | Screw                                                | 1        |
| 26       | 54-4670  | Nut                                                  | 1        |
| 27       | 82-6110  | Stand                                                | 1        |
| 28       | 46-0053  | Screw                                                | 2        |
| 29       | 60-7860  | Coil - Ignition                                      | 1        |
| 30       | 60-7840  | Grommet                                              | 1        |
| 31       | 54-5990  | Band                                                 | 1        |
| 32       | 77-1330  | Crankcase Assembly                                   | 1        |
| 33       | 60-7650  | Case - Drive Side                                    | 1        |
| 34       | 3254-8   | Washer - Lock                                        | 2        |
| *        | 88-0110  | Recoil Assembly (Incl. Ref. #15-17, 21, 22, 24 & 25) | 1        |

\*Not Illustrated

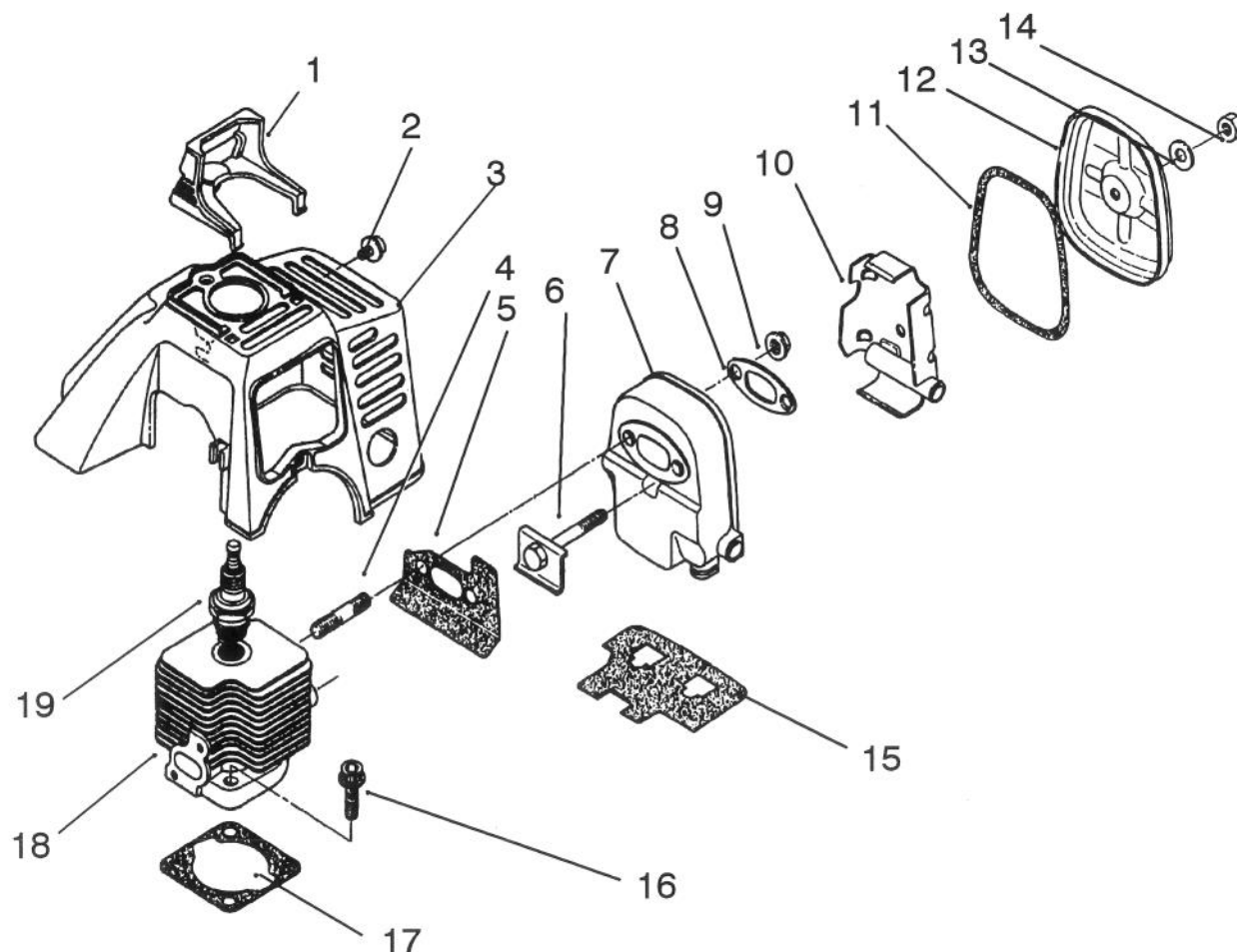


C-0213

## ENGINE ASSEMBLY (Continued)

| Ref. No. | Part No. | Description      | No. Used |
|----------|----------|------------------|----------|
| 1        | 54-5720  | Screw/Washer     | 4        |
| 2        | 65-2530  | Case - Clutch    | 1        |
| 3        | 88-0170  | Case - Fan       | 1        |
| 4        | 60-7590  | Pin - Dowel      | 2        |
| 5        | 54-5690  | Ring - Retaining | 1        |
| 6        | 54-5700  | Washer           | 1        |
| 7        | 54-5680  | Bearing - Ball   | 1        |
| 8        | 54-5670  | Ring - Retainer  | 1        |
| 9        | 54-6250  | Drum - Clutch    | 1        |
| 10       | 65-4440  | Spring           | 1        |
| 11       | 54-4670  | Nut              | 1        |
| 12       | 65-2580  | Fan              | 1        |
| 13       | 65-4450  | Washer           | 2        |

| Ref. No. | Part No. | Description                             | No. Used |
|----------|----------|-----------------------------------------|----------|
| 14       | 54-6220  | Shoe - Clutch                           | 2        |
| 15       | 54-5290  | Bolt - Clutch                           | 2        |
| 16       | 60-7630  | Bracket - Unit                          | 1        |
| 17       | 54-4610  | Screw/Washer                            | 2        |
| 18       | 60-7620  | Screw/Washer                            | 1        |
| 19       | 65-2590  | Transistor - Unit                       | 1        |
| 20       | 54-6020  | Wire                                    | 1        |
| 21       | 60-7610  | Bolt/Washer                             | 3        |
| 22       | 54-5740  | Bolt/washer                             | 2        |
| 23       | 65-2550  | Screw/Washer                            | 1        |
| 24       | 65-2540  | Washer                                  | 2        |
| *        | 77-1830  | Clutch Assembly<br>(Incl. Ref. #10 &14) | 1        |



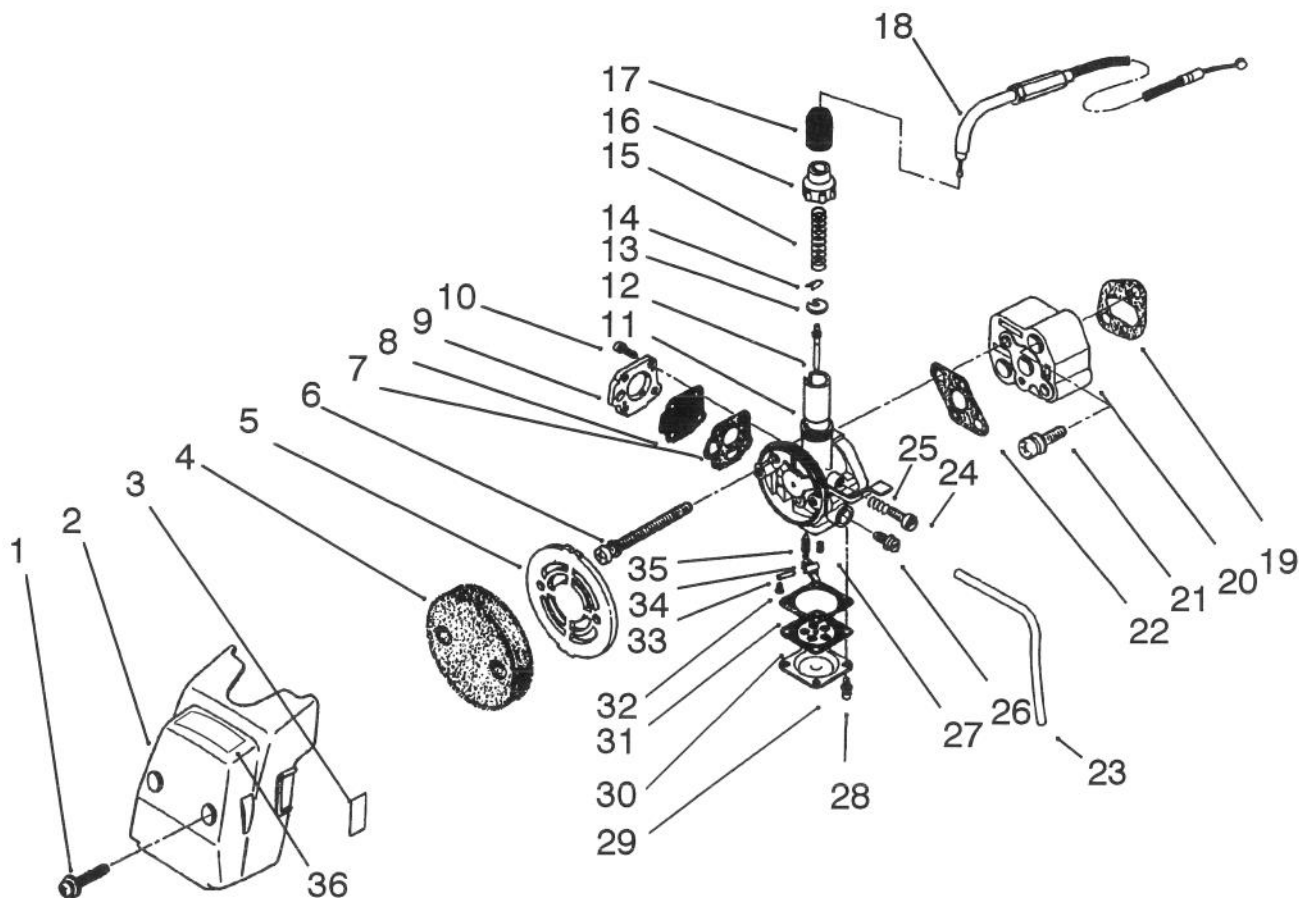
C-0214

## ENGINE ASSEMBLY (Continued)

| Ref. No. | Part No. | Description        | No. Used |
|----------|----------|--------------------|----------|
| 1        | 60-7670  | Guard - Spark Plug | 1        |
| 2        | 60-7680  | Screw/Washer       | 1        |
| 3        | 88-0100  | Cover - Top        | 1        |
| 4        | 60-7700  | Stud               | 2        |
| 5        | 65-2620  | Gasket - Muffler   | 1        |
| 6        | 65-2630  | Bolt               | 1        |
| 7        | 65-2640  | Body - Muffler     | 1        |
| 8        | 60-8070  | Plate              | 1        |
| 9        | 60-7770  | Nut                | 2        |
| 10       | 65-4400  | Plate              | 1        |

| Ref. No. | Part No. | Description           | No. Used |
|----------|----------|-----------------------|----------|
| 11       | 60-8100  | Gasket - Muffler Seal | 1        |
| 12       | 60-8110  | Lid - Muffler         | 1        |
| 13       | 65-4410  | Washer                | 1        |
| 14       | 65-4420  | Nut                   | 1        |
| 15       | 88-0130  | Gasket                | 1        |
| 16       | 60-7720  | Bolt - Flange         | 2        |
| 17       | 60-7730  | Gasket - Cylinder     | 1        |
| 18       | 65-2570  | Cylinder              | 1        |
| 19       | 77-1350  | Spark Plug            | 1        |

\*Not Illustrated



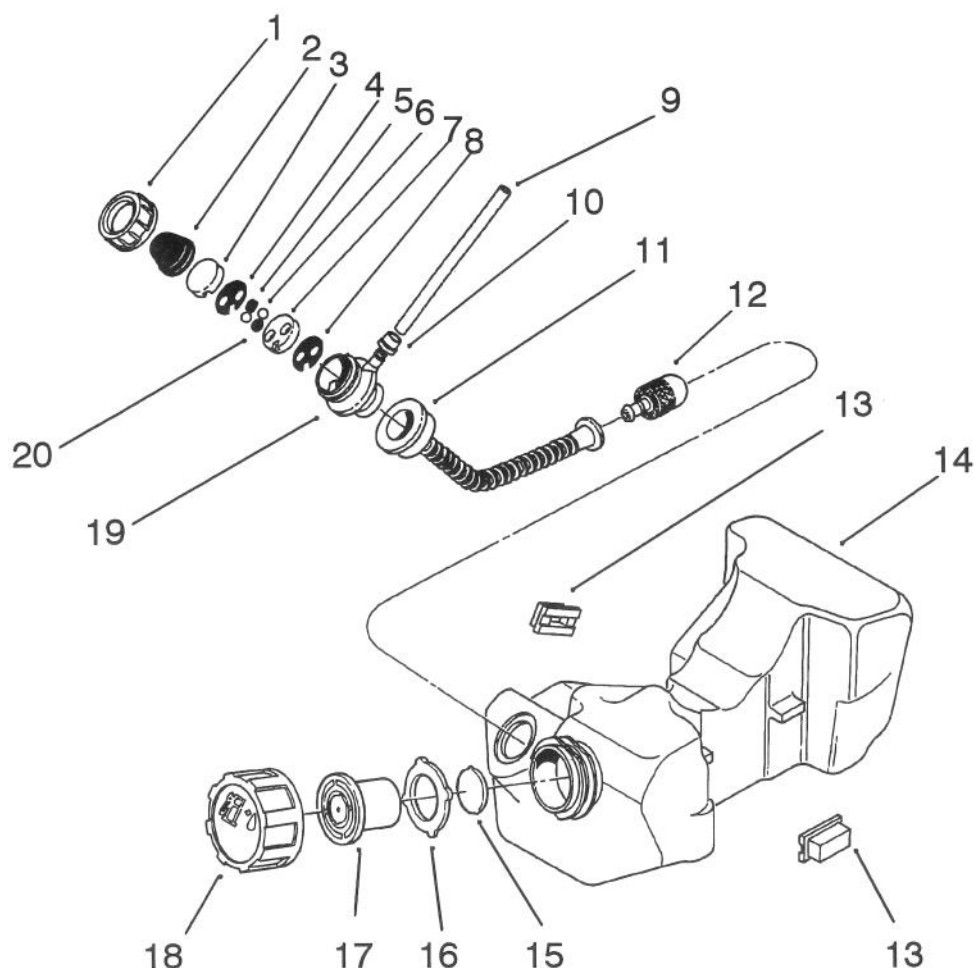
C-0215

## ENGINE ASSEMBLY (Continued)

| Ref. No. | Part No. | Description          | No. Used |
|----------|----------|----------------------|----------|
| 1        | 60-8020  | Screw/Washer         | 2        |
| 2        | 60-8030  | Case - Cleaner       | 1        |
| 3        | 54-5170  | Label - Choke        | 1        |
| 4        | 60-8040  | Element              | 1        |
| 5        | 54-5200  | Grid                 | 1        |
| 6        | 54-4870  | Screw/Washer         | 2        |
| 7        | 54-5010  | Gasket - Pump        | 1        |
| 8        | 54-5020  | Diaphragm - Pump     | 1        |
| 9        | 60-7980  | Pump Cover Assembly  | 1        |
| 10       | 54-5040  | Screw/Washer         | 4        |
| 11       | 60-7970  | Valve - Throttle     | 1        |
| 12       | 60-7960  | Needle Jet Assembly  | 1        |
| 13       | 60-7950  | Retainer - Spring    | 1        |
| 14       | 54-5120  | Clip - Needle        | 1        |
| 15       | 54-4920  | Spring - Throttle    | 1        |
| 16       | 54-4910  | Cap - Mixing Chamber | 1        |
| 17       | 54-4900  | Cap - Rubber         | 1        |
| 18       | 54-6140  | Cable - Throttle     | 1        |
| 19       | 60-7920  | Gasket - Insulator   | 1        |
| 20       | 60-7910  | Insulator            | 1        |

| Ref. No. | Part No. | Description                                        | No. Used |
|----------|----------|----------------------------------------------------|----------|
| 21       | 60-7930  | Screw/Washer                                       | 2        |
| 22       | 60-7940  | Gasket - Carburetor                                | 1        |
| 23       | 56-9000  | Tube - Fuel                                        | 1        |
| 24       | 54-4970  | Screw - Adjusting                                  | 1        |
| 25       | 54-4960  | Spring - Adjusting                                 | 1        |
| 26       | 54-4980  | Jet Main                                           | 1        |
| 27       | 54-4990  | Spring - Inlet Valve                               | 1        |
| 28       | 54-5110  | Screw/Washer                                       | 4        |
| 29       | 54-5100  | Cover - Diaphragm                                  | 1        |
| 30       | 54-5090  | Diaphragm                                          | 1        |
| 31       | 54-5000  | Gasket - Diaphragm                                 | 1        |
| 32       | 54-5080  | Setscrew                                           | 1        |
| 33       | 54-5070  | Pin - Float                                        | 1        |
| 34       | 54-5060  | Arm - Float                                        | 1        |
| 35       | 54-5050  | Valve - Float                                      | 1        |
| 36       | 84-8830  | Decal - Fuel Mix                                   | 1        |
| *        | 60-8010  | Air Cleaner Assembly<br>(Incl. Ref. #2-5)          | 1        |
| *        | 65-2600  | Carburetor Assembly<br>(Incl. Ref. # 7-17 & 24-35) | 1        |

\*Not Illustrated

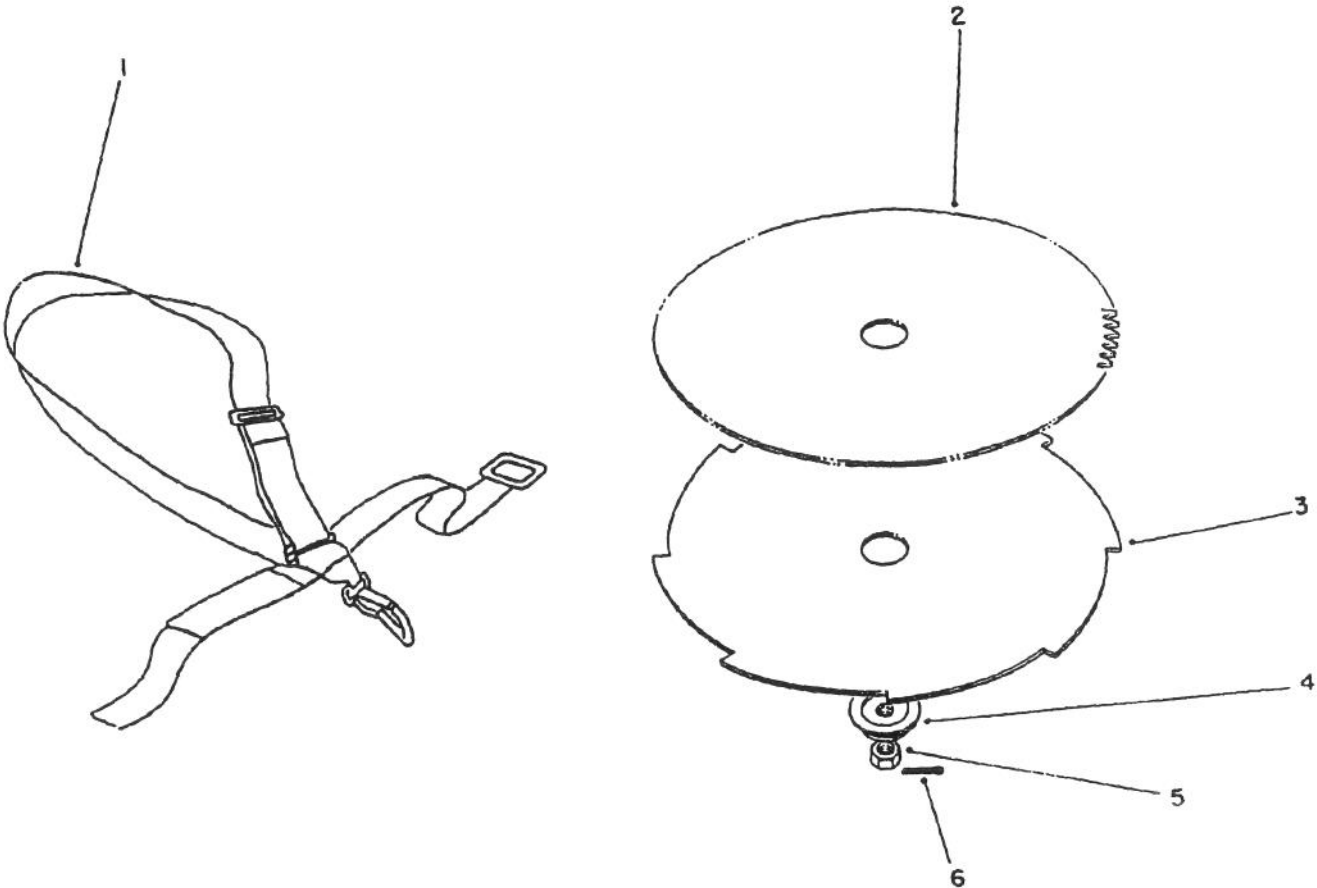


C-1167

## ENGINE ASSEMBLY (Continued)

| Ref. No. | Part No. | Description    | No. Used | Ref. No. | Part No. | Description                                              | No. Used |
|----------|----------|----------------|----------|----------|----------|----------------------------------------------------------|----------|
| 1        | 54-5510  | Nut            | 1        | 14       | 88-0140  | Fuel Tank Assembly<br>(Incl. Ref. #11, 12<br>15-18 & 19) | 1        |
| 2        | 54-5520  | Cap            | 1        | 15       | 77-2020  | Cap                                                      | 1        |
| 3        | 54-5530  | Seat-Valve     | 1        | 16       | 77-2010  | Gasket                                                   | 1        |
| 4        | 54-5460  | Gasket         | 1        | 17       | 77-2000  | Valve - Breather                                         | 1        |
| 5        | 54-5470  | Sponge         | 1        | 18       | 77-1990  | Cap - Fuel Tank                                          | 1        |
| 6        | 54-5480  | Ball           | 2        | 19       | 54-5570  | Pump Priming Assembly<br>(Incl. Ref. # 1-8 & 20)         | 1        |
| 7        | 54-5490  | Seat - Valve   | 1        | 20       | 60-8260  | Cushion Ball                                             | 1        |
| 8        | 54-5500  | Gasket         | 1        | *        | 77-1980  | Cap Assembly<br>(Incl. Ref. #15-18)                      | 1        |
| 9        | 54-7040  | Tube - Fuel    | 1        |          |          |                                                          |          |
| 10       | 54-5550  | Clip           | 1        |          |          |                                                          |          |
| 11       | 60-8270  | Hose - Suction | 1        |          |          |                                                          |          |
| 12       | 54-5540  | Filter - Fuel  | 1        |          |          |                                                          |          |
| 13       | 60-8280  | Pad            | 4        |          |          |                                                          |          |

\*Not Illustrated



C-1027A

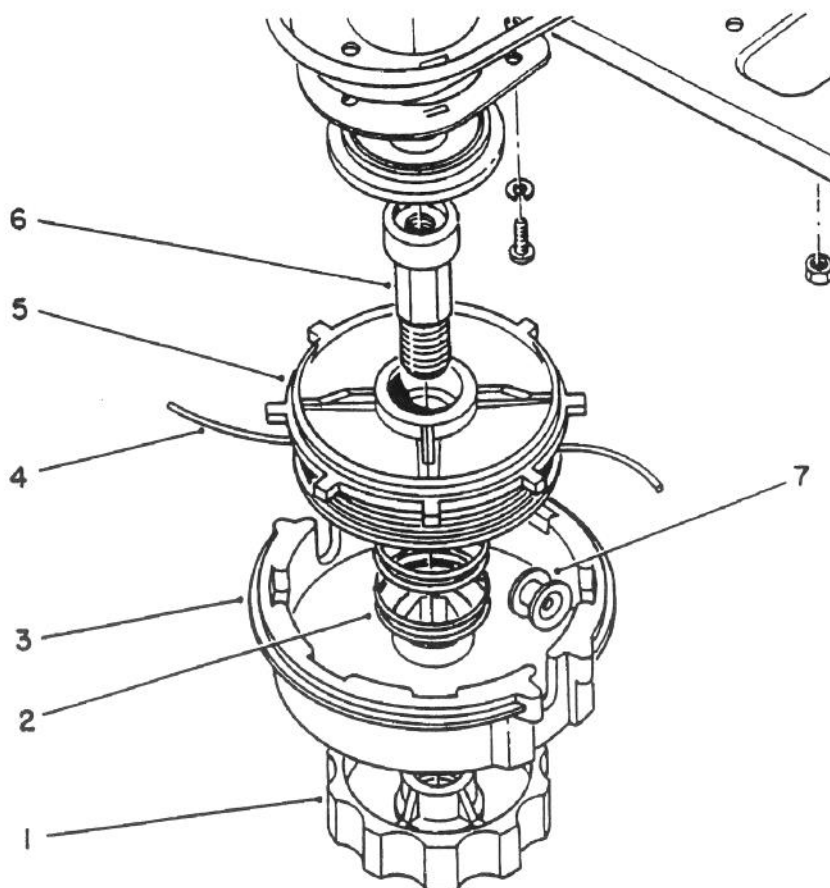
**BLADE & HARNESS ACCESSORIES (Optional)**

| Ref. No. | Part No. | Description                    | No. Used |
|----------|----------|--------------------------------|----------|
| 1        | 46-2961  | Deluxe Harness                 | 1        |
| 2        | 51-1230  | 8"Dia.Blade Saw<br>(80 Tooth)  | 1        |
| 3        | 51-1240  | 8"Dia.Blade Brush<br>(8 Tooth) | 1        |

| Ref. No. | Part No. | Description                            | No. Used |
|----------|----------|----------------------------------------|----------|
| 4        |          | Adapter - Blade                        | 1        |
| 5        | 41-5410  | Nut L.H.                               | 1        |
| 6        | 3272-3   | Pin - Cotter                           | 1        |
| *        | 41-4440  | Blade Adapter Kit<br>(Incl. Ref. #4-6) | 1        |

\*Not Illustrated





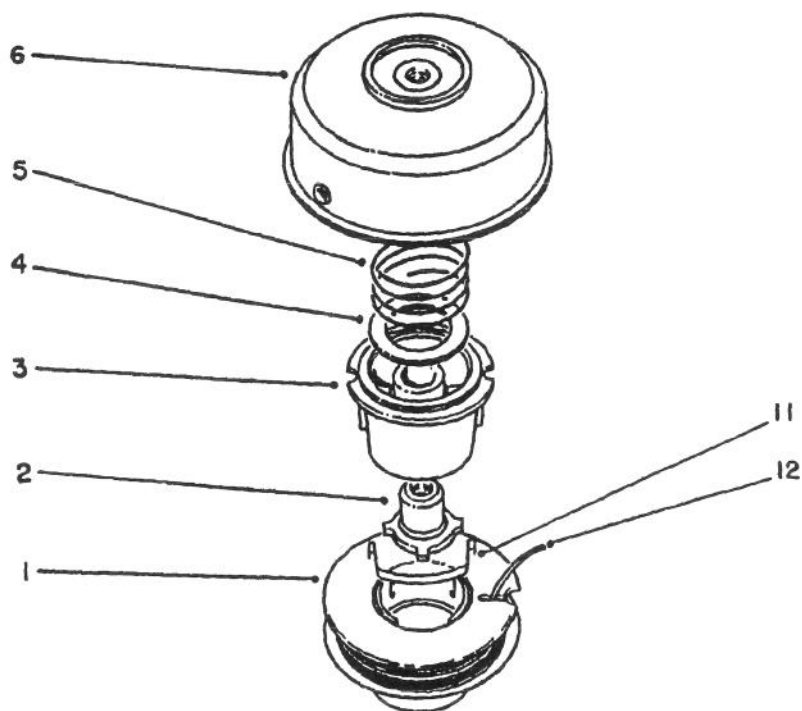
C-0588

## DUAL LINE MANUAL FEED CUTTER HEAD(Optional)

| Ref. No. | Part No. | Description                                  | No. Used |
|----------|----------|----------------------------------------------|----------|
| 1        | 57-5580  | Knob - L.H.                                  | 1        |
| 2        | 57-5620  | Spring                                       | 1        |
| 3        | 57-5600  | Spool - Housing                              | 1        |
| 4        |          | Line - Cutting .08 Dia. 11'                  | 1        |
| *        | 43-5000  | Line - Cutting .08 Dia. (38' Optional)       | 1        |
| *        | 46-2710  | Line - Cutting .08 Dia. (405 1 Lb. Optional) | 1        |
| *        | 41-6820  | Line - Cutting .095 Dia (285' 1Lb. Optional) | 1        |

| Ref. No. | Part No. | Description                                  | No. Used |
|----------|----------|----------------------------------------------|----------|
| *        | 52-5070  | Line - Cutting .105 Dai. (20' Optional)      | 1        |
| *        | 46-2740  | Line - Cutting .130 Dia (465' 3Lb. Optional) | 1        |
| 5        | 57-5590  | Spool - Inner                                | 1        |
| 6        | 57-5610  | Shaft                                        | 1        |
| 7        | 57-5630  | Eyelet                                       | 2        |
| *        | 57-5670  | Cutter Head Assembly (Incl. Ref. #1-7)       | 1        |

\* Not Illustrated

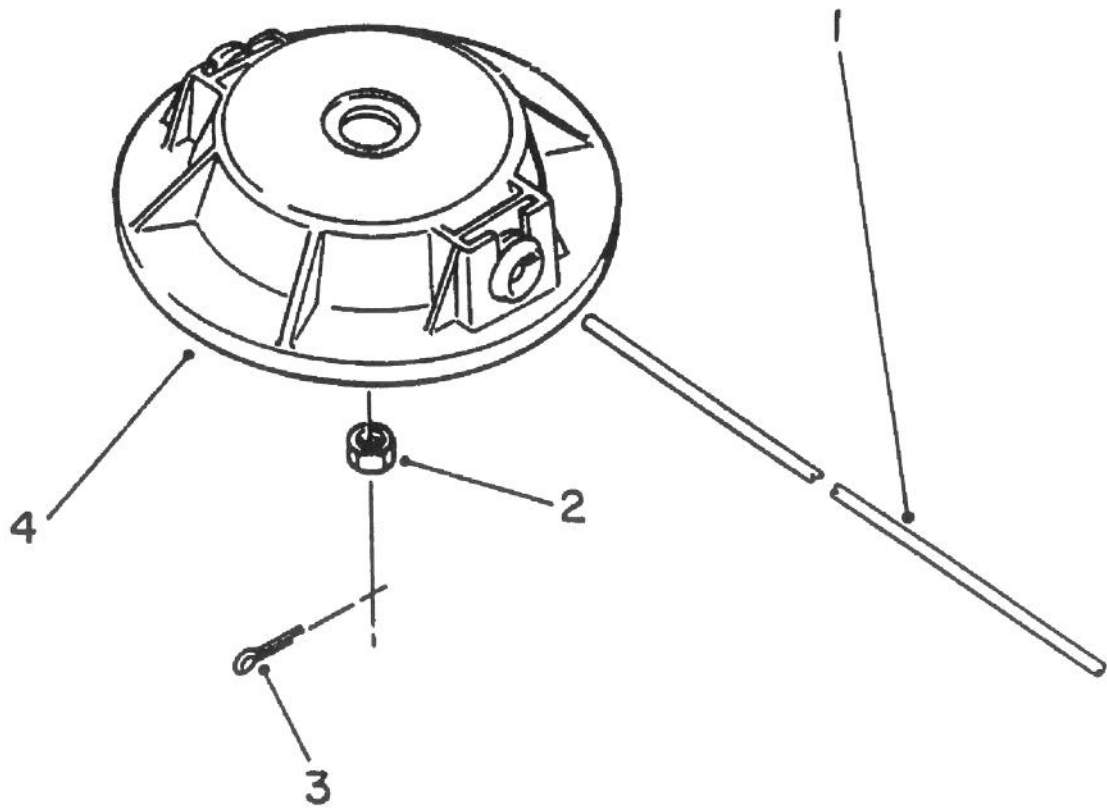


C-1029A

## SINGLE LINE BUMP FEED CUTTER HEAD (Optional)

| Ref. No. | Part No. | Description                                      | No. Used | Ref. No. | Part No. | Description                                        | No. Used |
|----------|----------|--------------------------------------------------|----------|----------|----------|----------------------------------------------------|----------|
| 1        | 83-4660  | Spool Prewound .095 Dia.<br>(30' Incl. Ref. #11) | 1        | 11       | 33-8940  | Saddle                                             | 1        |
| 2        | 61-4560  | Driver L.H.                                      | 1        | 12       |          | Line Cutting .095 Dia. 30'                         | 1        |
| 3        | 33-6230  | Core - Spool                                     | 1        | *        | 41-6820  | Line Cutting .095 Dia.<br>(285' Optional)          | 1        |
| 4        | 3256-42  | Washer                                           | 1        | *        | 83-4600  | Cutter Head Assembly<br>(Incl. Ref. #1-6, 11 & 12) | 1        |
| 5        | 33-6460  | Spring                                           | 1        |          |          |                                                    |          |
| 6        | 46-2651  | Drum w/Eyelet                                    | 1        |          |          |                                                    |          |

\* Not Illustrated



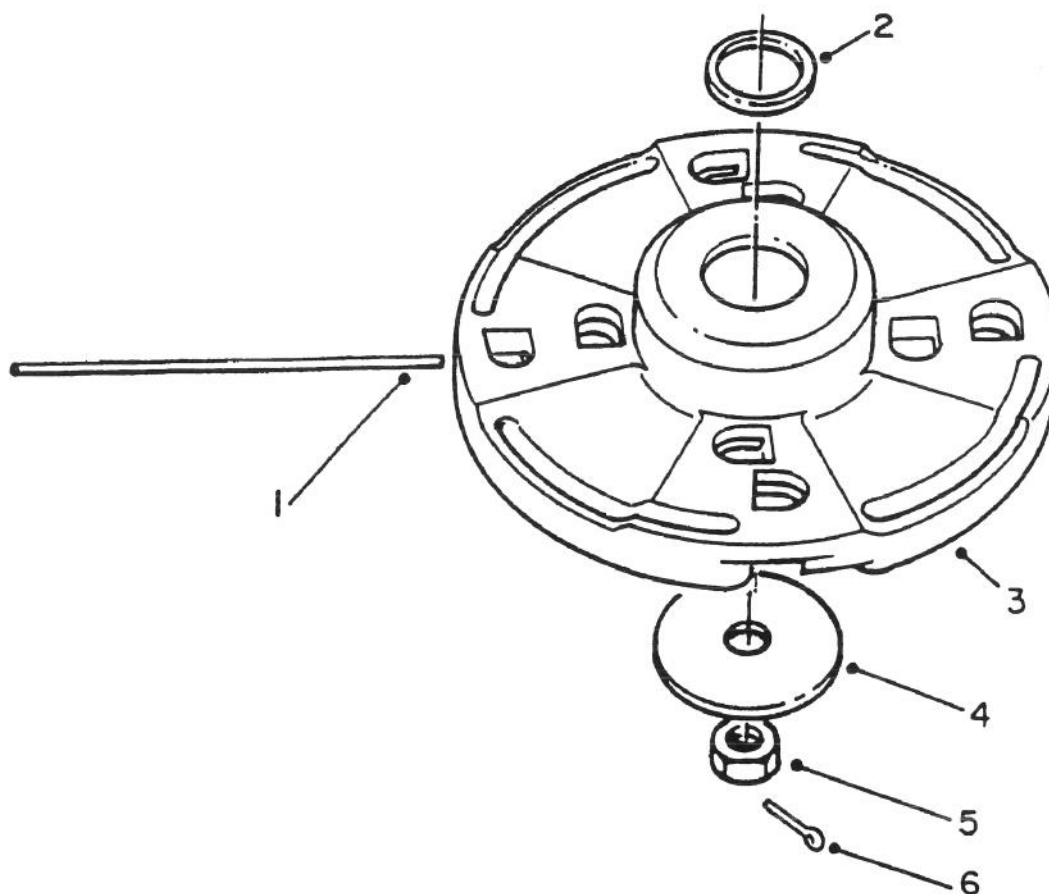
C-0220

**NON – METALLIC FIXED LINE CUTTER HEAD (Optional)**

| Ref. No. | Part No. | Description                                         | No. Used |
|----------|----------|-----------------------------------------------------|----------|
| 1        |          | Line – Cutting                                      | 1        |
| *        | 47-2260  | Line – Cutting .105 Dia.<br>(16" 100 Pcs. Optional) | 1        |
| *        | 46-2730  | Line – Cutting .105 Dia.<br>(235' 1 Lb. Optional)   | 1        |

| Ref. No. | Part No. | Description                               | No. Used |
|----------|----------|-------------------------------------------|----------|
| *        | 52-5070  | Line – Cutting .105 Dia<br>(20' Optional) | 1        |
| 2        | 41-5410  | Nut L.H.                                  | 1        |
| 3        | 3272-3   | Pin – Cotter                              | 1        |
| 4        | 51-2760  | Cutter Head Assembly                      | 1        |

\* Not Illustrated



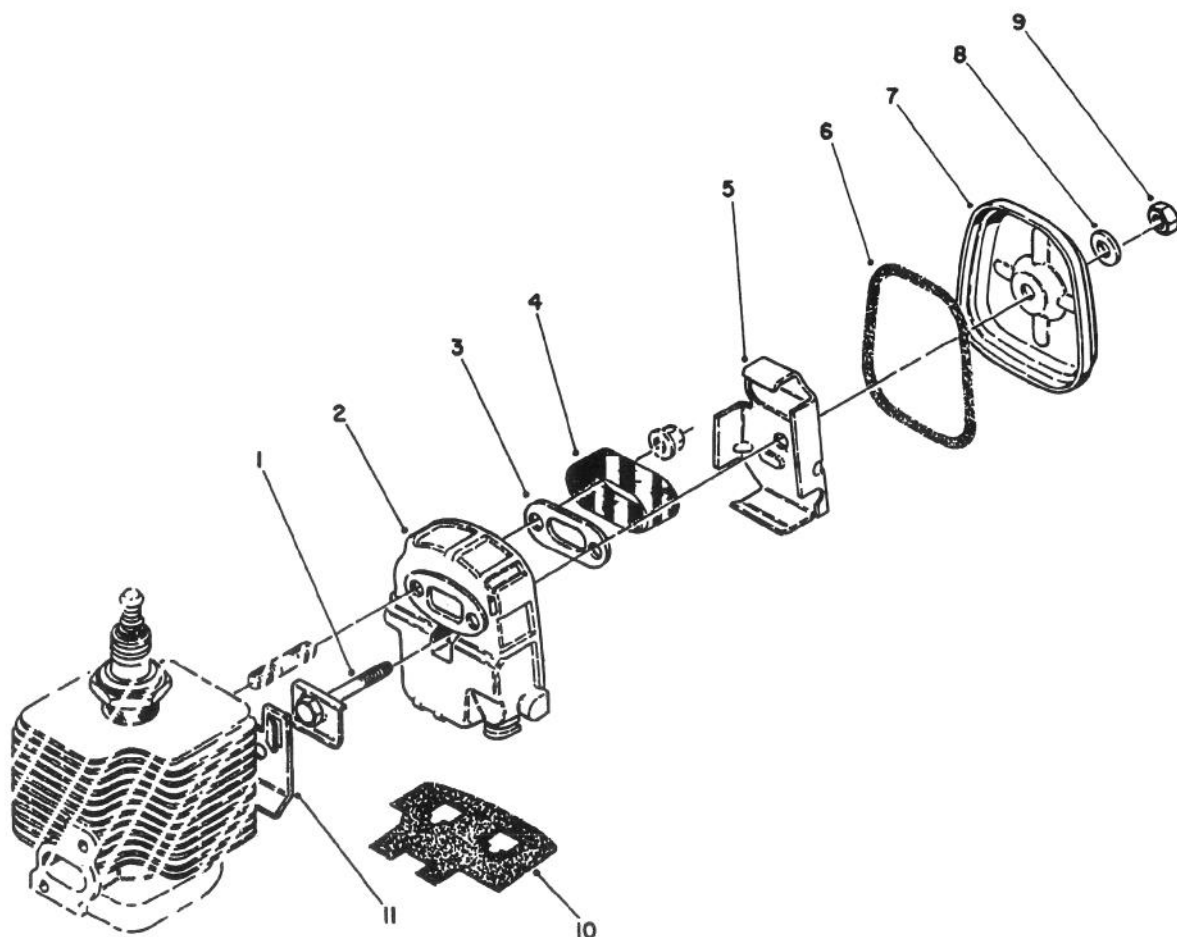
C-0221

## METALLIC FIXED LINE CUTTER HEAD (Optional)

| Ref. No.  | Part No. | Description                                       | No. Used |
|-----------|----------|---------------------------------------------------|----------|
| 1         |          | Line - Cutting                                    | 1        |
| * 47-2260 |          | Line - Cutting .105 Dia.<br>(100 Pcs. Optional)   | 1        |
| * 46-2730 |          | Line - Cutting .105 Dia.<br>(235' 1 Lb. Optional) | 1        |
| * 52-5070 |          | Line - Cutting .105 Dia.<br>(20' 3 Lb. Optional)  | 1        |
| * 42-0580 |          | Line - Cutting .13 Dia.<br>(100 Pcs. Optional)    | 1        |

| Ref. No. | Part No. | Description                                      | No. Used |
|----------|----------|--------------------------------------------------|----------|
| *        | 46-2740  | Line - Cutting .13 Dia.<br>(465' 3 Lb. Optional) | 1        |
| 2        | 44-6950  | Spacer                                           | 1        |
| 3        | 46-2810  | Head Assembly (Incl. Ref. #2)                    | 1        |
| 4        | 41-4430  | Washer - Plate                                   | 1        |
| 5        | 41-5410  | Nut - L.H.                                       | 1        |
| 6        | 3272-3   | Pin - Cotter                                     | 1        |

\* Not Illustrated



C-0222

## SPARK ARRESTOR MUFFLER KIT 65-4300 (OPTIONAL)

| Ref. No. | Part No. | Description           | No. Used |
|----------|----------|-----------------------|----------|
| 1        | 65-2630  | Bolt - Muffler Body   | 1        |
| 2        | 65-4320  | Body - Muffler        | 1        |
| 3        | 65-4330  | Plate                 | 1        |
| 4        | 65-4340  | Screen                | 1        |
| 5        | 65-4350  | Plate                 | 1        |
| 6        | 60-8100  | Gasket - Muffler Seal | 1        |

| Ref. No. | Part No. | Description      | No. Used |
|----------|----------|------------------|----------|
| 7        | 60-8110  | Lid - Muffler    | 1        |
| 8        | 65-4410  | Washer - Gasket  | 1        |
| 9        | 65-4420  | Nut              | 1        |
| 10       | 65-4360  | Gasket           | 1        |
| 11       | 65-4370  | Gasket - Muffler | 1        |

\* Not Illustrated

## 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

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## MAINTENANCE RECORD

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