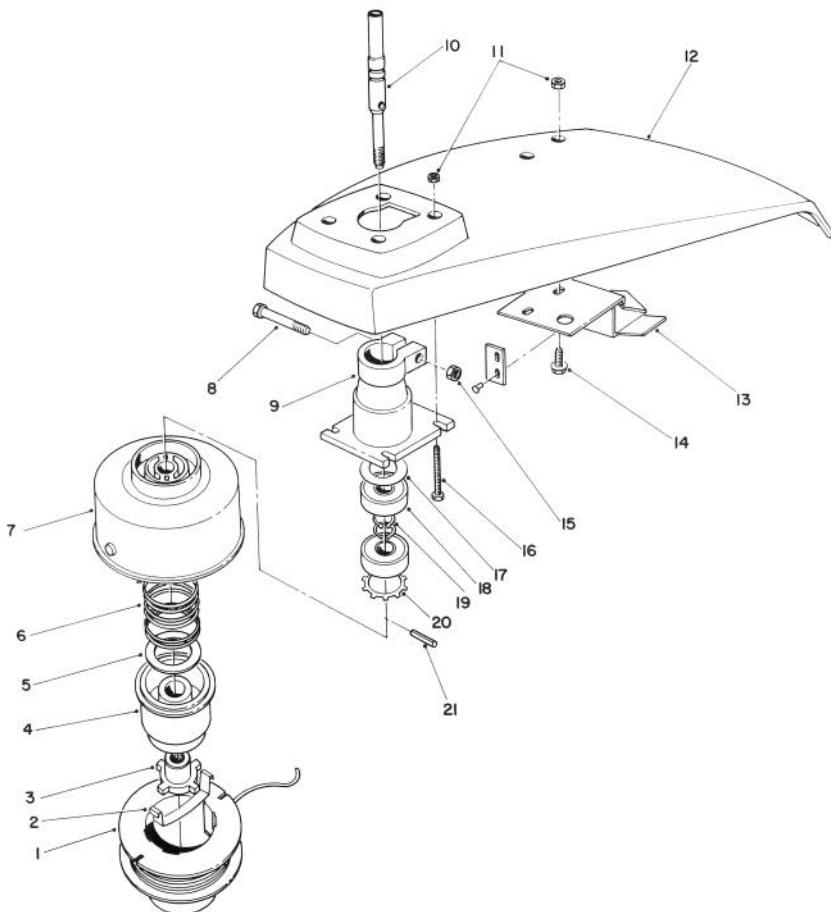


**TORO**

MODEL NO. 51641-5000001 &amp; Up

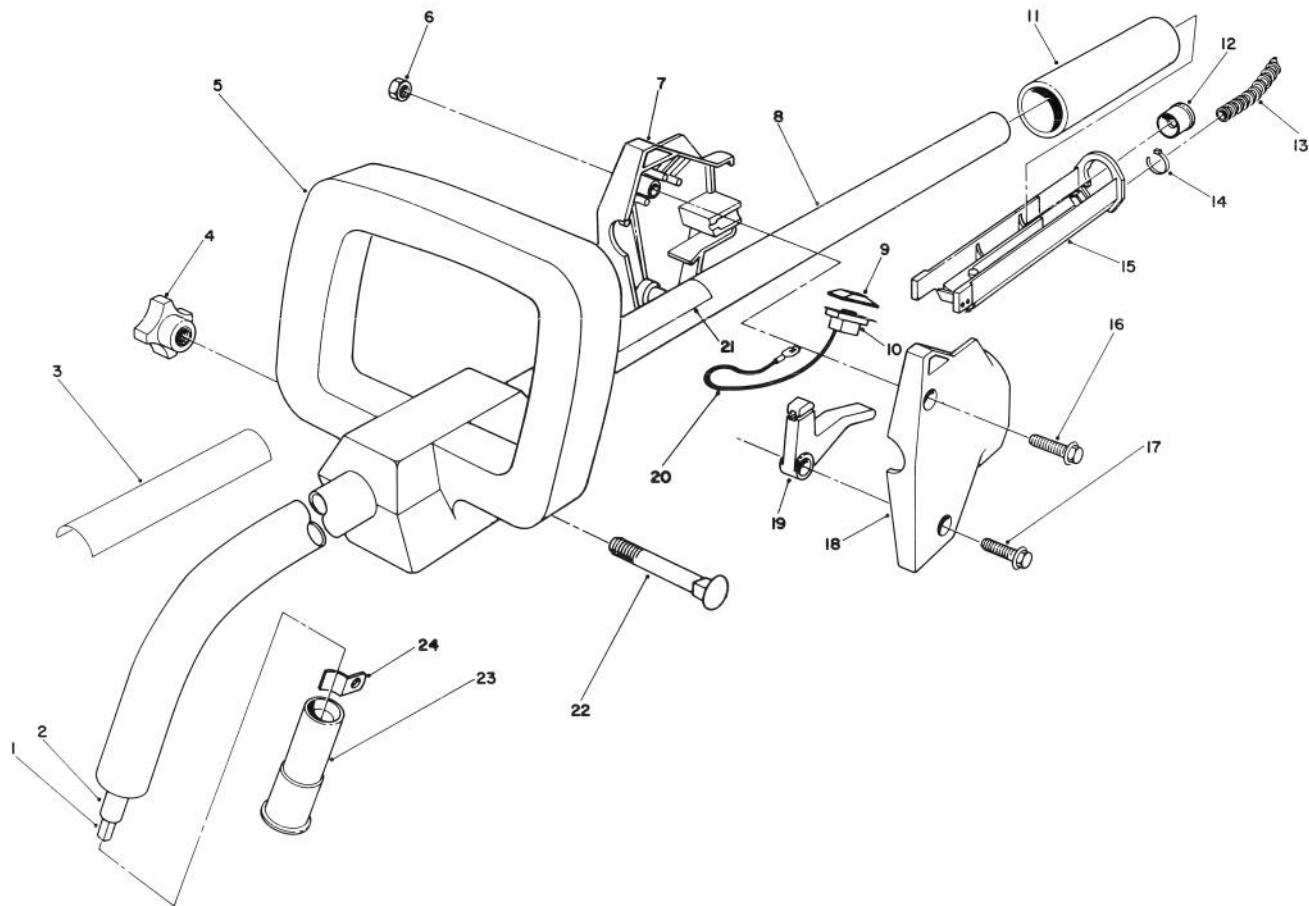
**PARTS  
CATALOG****TC 1000 GAS TRIMMER****TRIMMER HEAD ASSEMBLY**

| Ref. No. | Part No. | Description                                  | No. Used | Ref. No. | Part No. | Description                               | No. Used |
|----------|----------|--|----------|----------|----------|---|----------|
| 1        | 43-4990  | Spool & Line Assembly                        | 1        | 13       | 42-5920  | Bracket & Knife Blade                     | 1        |
| 2        | 33-8940  | Saddle — Spool Cap                           | 1        | 14       | 3290-321 | Hex Washer Hd. Mach. Screw                | 2        |
| 3        | 42-6050  | Driver                                       | 1        | 15       | 3296-42  | Locknut                                   | 1        |
| 4        | 33-6230  | Spool Core                                   | 1        | 16       | 3290-360 | Hex Hd. Machine Screw                     | 4        |
| 5        | 3256-42  | Washer                                       | 1        | 17       |          | Washer                                    | 1        |
| 6        | 29-7130  | Spring — Compression                         | 1        | 18       |          | Ball Bearing                              | 2        |
| 7        | 42-5950  | Drum & Eyelet Assembly                       | 1        | 19       |          | Snap Ring                                 | 2        |
| 8        | 321-9    | Hex Hd. Capscrew                             | 1        | 20       |          | Grip — Spring                             | 1        |
| 9        | 42-5931  | Housing — Bearing<br>(Incl. Ref. #10, 17-21) | 1        | 21       | 32121-95 | Coil Pin                                  | 1        |
| 10       |          | Shaft — Power                                | 1        | *        | 43-5000  | .080 Line (38 Ft.) (Optional)             | 1        |
| 11       | 3296-2   | Locknut                                      | 6        | *        | 46-2710  | .080 Line (1 Lb. - 400 Ft.)<br>(Optional) | 1        |
| 12       | 52-5730  | Shield                                       | 1        |          |          |   |          |

\*Not Illustrated

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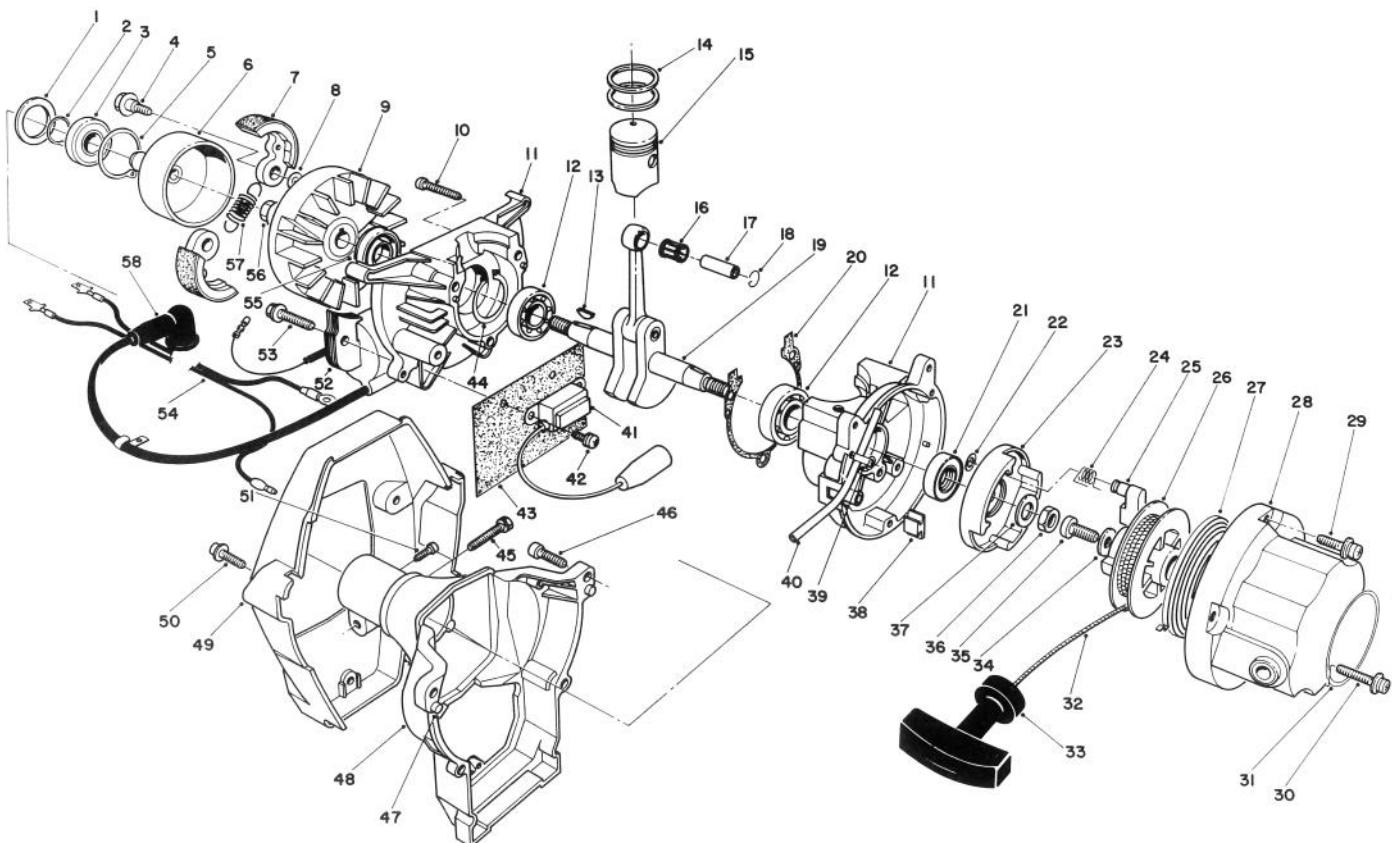
PRICE \$1.00



## HANDLE ASSEMBLY

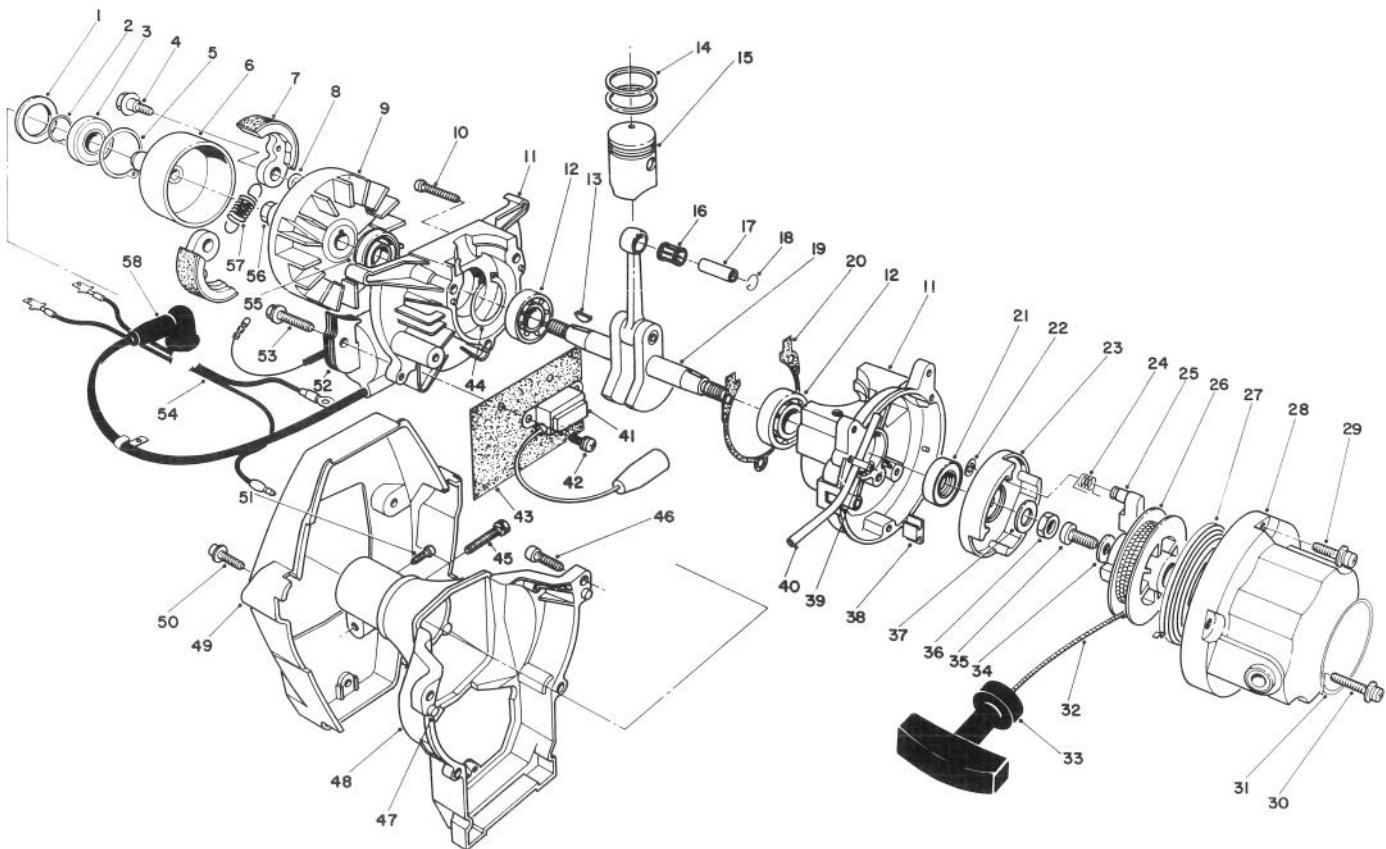
| Ref. No. | Part No. | Description        | No. Used |
|----------|----------|--------------------|----------|
| 1        | 46-9810  | Flex Shaft — Drive | 1        |
| 2        | 46-9820  | Flex Shaft Liner   | 1        |
| 3        | 53-7150  | Decal — Model No.  | 1        |
| 4        | 42-5890  | Knob — Loop Handle | 1        |
| 5        | 42-5551  | Handle             | 1        |
| 6        | 3296-12  | Locknut            | 2        |
| 7        | 53-7251  | Housing — R.H.     | 1        |
| 8        | 53-7360  | Tube — Curved      | 1        |
| 9        | 218-507  | Cap — Switch       | 1        |
| 10       | 42-6000  | Switch             | 1        |
| 11       | 53-7110  | Grip               | 1        |
| 12       | 54-7630  | Bushing — Pilot    | 1        |

| Ref. No. | Part No. | Description          | No. Used |
|----------|----------|----------------------|----------|
| 13       | 33-5131  | Cover — Cable        | 1        |
| 14       | 3290-381 | Cable Tie            | 2        |
| 15       | 53-7280  | Trough               | 1        |
| 16       | 32105-12 | Hex Washer Hd. Screw | 1        |
| 17       | 32105-13 | Hex Washer Hd. Screw | 1        |
| 18       | 53-7261  | Housing — L.H.       | 1        |
| 19       | 53-7271  | Lever — Throttle     | 1        |
| 20       | 53-7370  | Wire Assembly        | 1        |
| 21       | 46-9480  | Decal — Warning      | 1        |
| 22       | 3-7253   | Bolt — Carriage      | 1        |
| 23       | 44-6640  | Insert — Pole End    | 1        |
| 24       | 46-9890  | Retainer — Tube      | 2        |



## ENGINE ASSEMBLY

| Ref. No. | Part No. | Description                            | No. Used | Ref. No. | Part No. | Description       | No. Used |
|----------|----------|--|----------|----------|----------|-------------------|----------|
| 1        | 54-4460  | Washer                                 | 1        | 23       | 54-5360  | Pulley — Starter  | 1        |
| 2        | 54-4470  | Snap Ring                              | 1        | 24       | 54-5370  | Spring — Return   | 1        |
| 3        | 54-4480  | Bearing                                | 1        | 25       | 54-5380  | Ratchet           | 1        |
| 4        | 54-5290  | Bolt — Clutch                          | 2        | 26       | 54-5410  | Reel              | 1        |
| 5        | 54-4490  | Snap Ring                              | 1        | 27       | 54-5420  | Spring — Spiral   | 1        |
| 6        | 54-5280  | Drum — Clutch                          | 1        | 28       | 54-5430  | Case — Starter    | 1        |
| 7        | 54-5260  | Shoe — Clutch                          | 2        | 29       | 54-5330  | Screw             | 2        |
| 8        | 54-5310  | Washer                                 | 2        | 30       | 54-4520  | Screw             | 1        |
| 9        | 54-4750  | Flywheel                               | 1        | 31       | 33-8340  | Decal — Toro      | 1        |
| 10       | 54-4330  | Screw                                  | 3        | 32       | 54-5450  | Rope — Starter    | 1        |
| 11       | 54-4500  | Crankcase Assembly<br>(Incl. Ref. #10) | 1        | 33       | 54-5440  | Knob — Starter    | 1        |
| 12       | 54-4360  | Bearing                                | 2        | 34       | 54-5400  | Washer            | 1        |
| 13       | 54-4660  | Woodruff Key                           | 1        | 35       | 54-5390  | Screw             | 1        |
| 14       | 54-4630  | Piston Ring                            | 2        | 36       | 54-4720  | Nut               | 1        |
| 15       | 54-4650  | Piston                                 | 1        | 37       | 54-4710  | Washer            | 1        |
| 16       | 54-4700  | Needle Bearing                         | 1        | 38       | 54-4390  | Plug              | 1        |
| 17       | 54-4690  | Pin — Piston                           | 1        | 39       | 54-5340  | Clamp             | 1        |
| 18       | 54-4640  | Clip                                   | 2        | 40       | 54-4880  | Tube — Fuel       | 1        |
| 19       | 54-4680  | Crankshaft                             | 1        | 41       | 54-4770  | Unit — Transistor | 1        |
| 20       | 54-4370  | Gasket — Crankcase                     | 1        | 42       | 54-4610  | Screw             | 2        |
| 21       | 54-4380  | Oil Seal                               | 1        | 43       | 54-4760  | Plate             | 1        |
| 22       | 54-5350  | E-Ring                                 | 1        | 44       | 54-4350  | Snap Ring         | 1        |

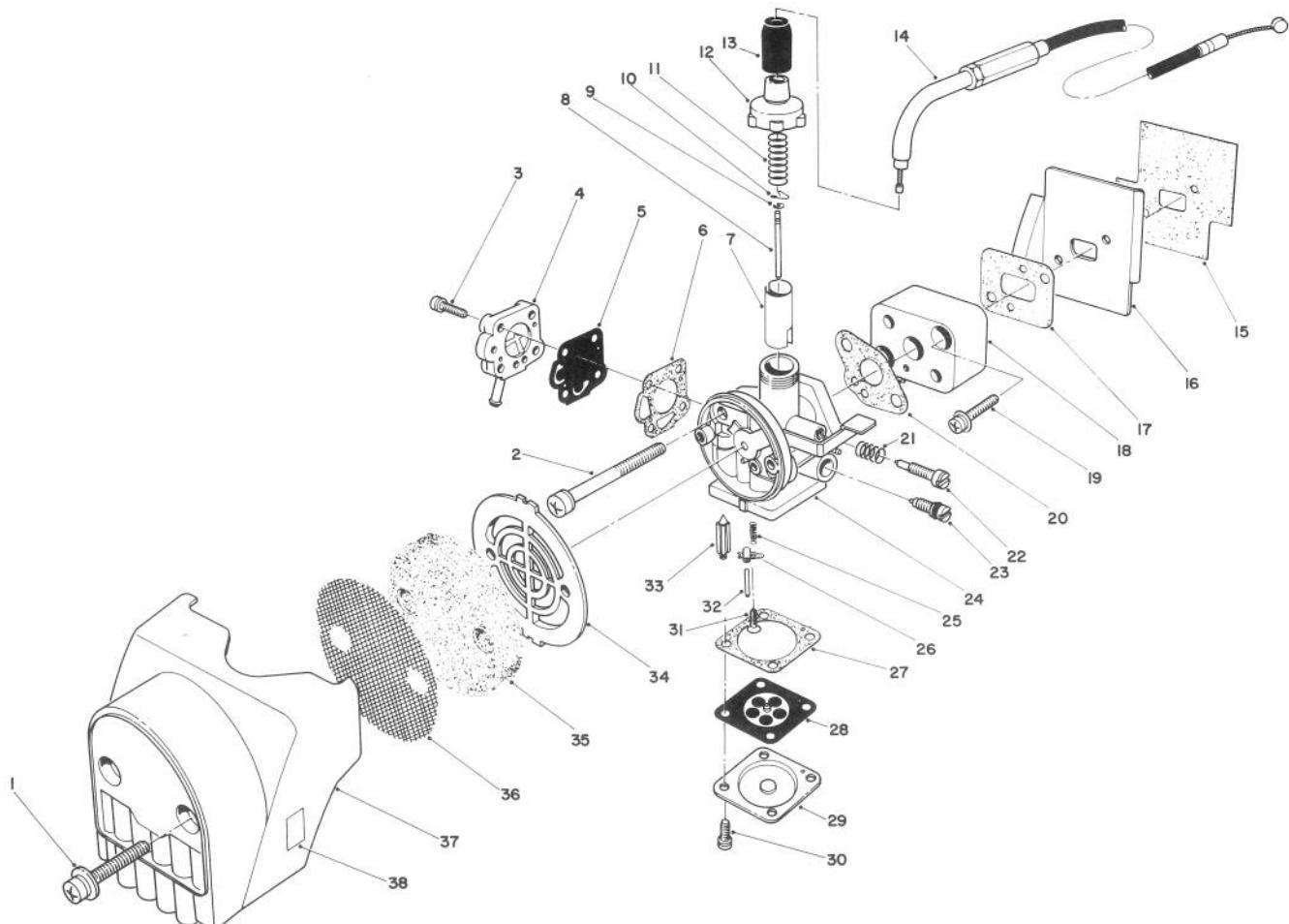


## ENGINE ASSEMBLY (Continued)

| Ref. No. | Part No. | Description   | No. Used |
|----------|----------|---------------|----------|
| 45       | 54-4440  | Bolt          | 1        |
| 46       | 54-4430  | Screw         | 4        |
| 47       | 54-4510  | Knock Pin     | 2        |
| 48       | 54-4450  | Case — Clutch | 1        |
| 49       | 54-4410  | Cover — Fan   | 1        |
| 50       | 54-4400  | Screw         | 3        |
| 51       | 54-4420  | Screw         | 1        |
| 52       | 54-4780  | Coil          | 1        |
| 53       | 54-4790  | Bolt          | 2        |

| Ref. No. | Part No. | Description  | No. Used |
|----------|----------|--|----------|
| 54       | 54-4800  | Wire — Lead  | 1        |
| 55       | 54-4340  | Oil Seal   | 1        |
| 56       | 54-4670  | Nut  | 1        |
| 57       | 54-5270  | Spring   | 1        |
| 58       | 54-4730  | Cap — Plug   | 1        |
| *        | 54-5300  | Clutch Assembly<br>(Incl. Ref. #7 & 57)                | 1        |
| *        | 54-5320  | Recoil Starter Assembly<br>(Incl. Ref. #22-28 & 32-35) | 1        |

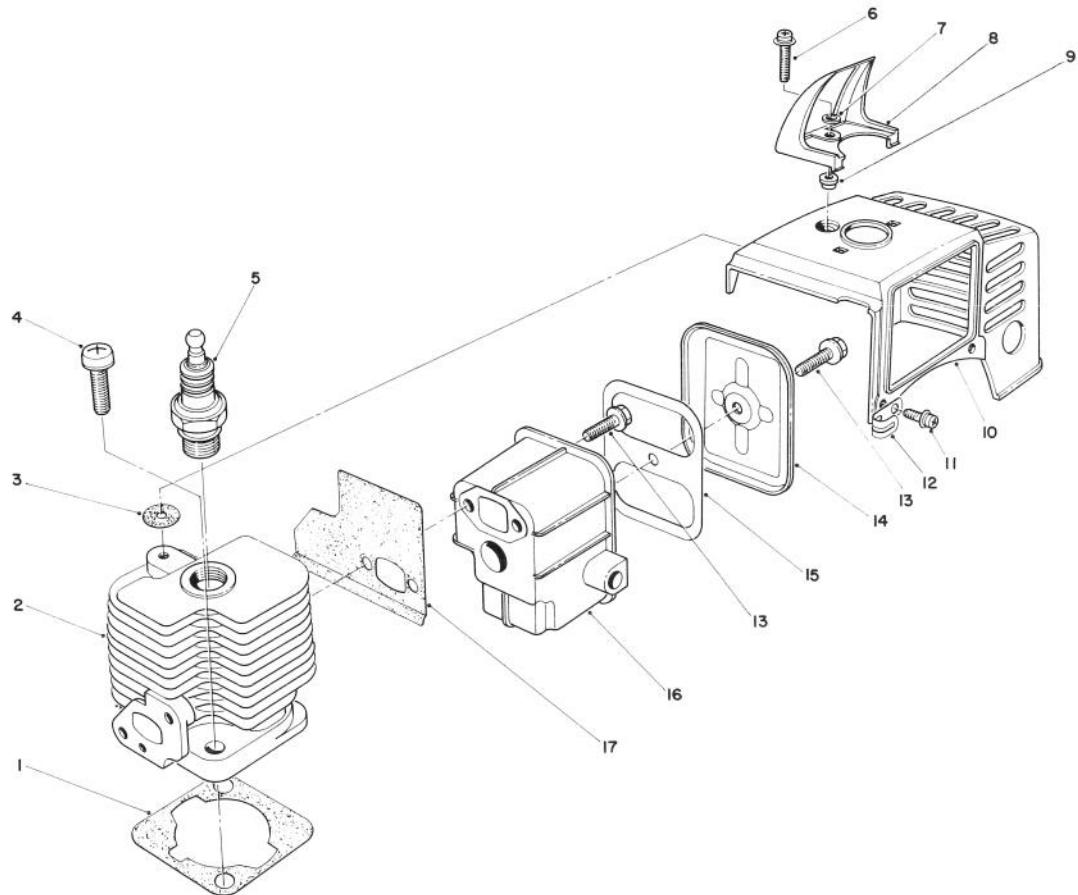
\*Not Illustrated



## AIR CLEANER & CARBURETOR ASSEMBLY

| Ref. No. | Part No. | Description              | No. Used | Ref. No. | Part No. | Description  | No. Used |
|----------|----------|--------------------------|----------|----------|----------|--|----------|
| 1        | 54-5150  | Screw                    | 2        | 22       | 54-4970  | Screw — Adjusting                                      | 1        |
| 2        | 54-4870  | Screw                    | 2        | 23       | 54-4980  | Needle   | 1        |
| 3        | 54-5040  | Screw                    | 4        | 24       | 54-4890  | Carburetor Assembly (Incl. Ref. #3-13, 21-23, & 25-33) | 1        |
| 4        | 54-5030  | Cover — Pump             | 1        | 25       | 54-4990  | Spring — Inlet Valve                                   | 1        |
| 5        | 54-5020  | Diaphragm — Pump         | 1        | 26       | 54-5060  | Arm — Float  | 1        |
| 6        | 54-5010  | Gasket — Pump Cover      | 1        | 27       | 54-5000  | Gasket — Main Diaphragm                                | 1        |
| 7        | 54-4950  | Valve — Throttle         | 1        | 28       | 54-5090  | Main Diaphragm   | 1        |
| 8        | 54-4940  | Jet Needle               | 1        | 29       | 54-5100  | Cover — Main Diaphragm                                 | 1        |
| 9        | 54-4930  | Retainer                 | 1        | 30       | 54-5110  | Screw  | 4        |
| 10       | 54-5120  | Clip — Needle            | 1        | 31       | 54-5080  | Screw — Float Pin Set                                  | 1        |
| 11       | 54-4920  | Spring                   | 1        | 32       | 54-5070  | Pin — Float  | 1        |
| 12       | 54-4910  | Cap                      | 1        | 33       | 54-5050  | Valve — Float  | 1        |
| 13       | 54-4900  | Seal — Air               | 1        | 34       | 54-5200  | Grid   | 1        |
| 14       | 54-5130  | Wire — Throttle          | 1        | 35       | 54-5190  | Element  | 1        |
| 15       | 54-4810  | Gasket                   | 1        | 36       | 54-5180  | Screen   | 1        |
| 16       | 54-4820  | Plate                    | 1        | 37       | 54-5160  | Cover — Cleaner  | 1        |
| 17       | 54-4830  | Gasket — Insulator       | 1        | 38       | 54-5170  | Label — Choke  | 1        |
| 18       | 54-4840  | Insulator                | 1        | *        | 54-5140  | Air Cleaner Assembly (Incl. Ref. #34-38)               | 1        |
| 19       | 54-4860  | Screw                    | 2        |          |          |  |          |
| 20       | 54-4850  | Gasket — Carburetor      | 1        |          |          |  |          |
| 21       | 54-4960  | Spring — Adjusting Screw | 1        |          |          |  |          |

\*Not Illustrated

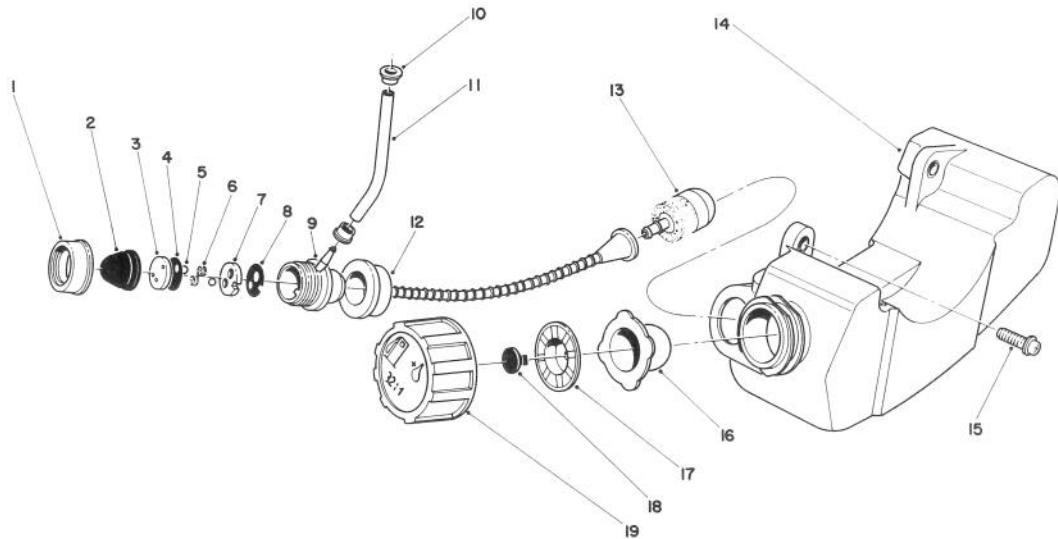


## CYLINDER & MUFFLER ASSEMBLY

| Ref. No. | Part No. | Description        | No. Used |
|----------|----------|--------------------|----------|
| 1        | 54-4590  | Gasket — Cylinder  | 1        |
| 2        | 54-4580  | Cylinder           | 1        |
| 3        | 54-4560  | Gasket             | 1        |
| 4        | 54-4620  | Bolt               | 2        |
| 5        | 45-0320  | Spark Plug         | 1        |
| 6        | 54-4520  | Screw              | 1        |
| 7        | 54-4540  | Washer             | 1        |
| 8        | 54-4530  | Cover — Spark Plug | 1        |
| 9        | 54-4550  | Bushing            | 1        |
| 10       | 54-4600  | Cover — Top        | 1        |

\* Not Illustrated

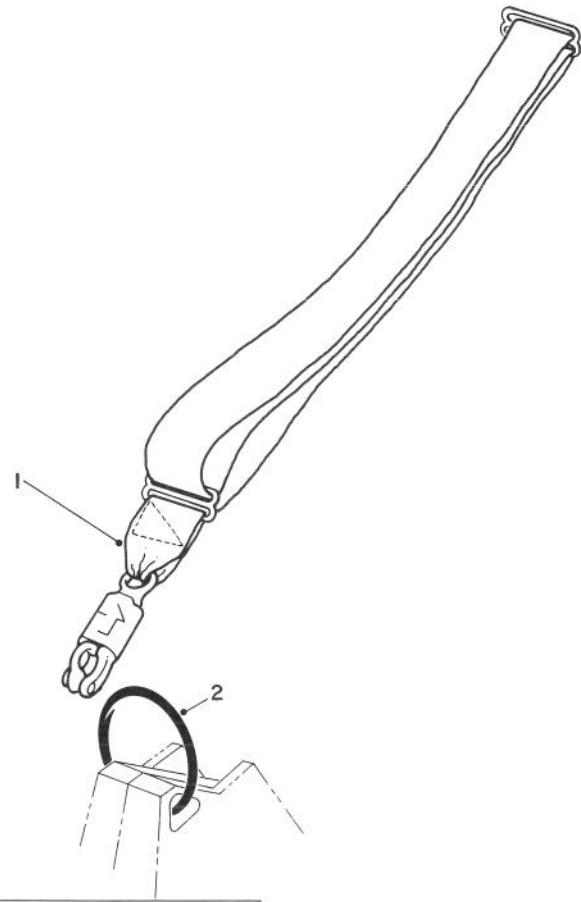
| Ref. No. | Part No. | Description                         | No. Used |
|----------|----------|-------------------------------------|----------|
| 11       | 54-4400  | Screw                               | 2        |
| 12       | 54-4570  | Clamp                               | 1        |
| 13       | 54-5210  | Bolt                                | 3        |
| 14       | 54-5220  | Lid — Muffler                       | 1        |
| 15       | 54-5230  | Gasket — Muffler Seal               | 1        |
| 16       | 54-5240  | Muffler                             | 1        |
| 17       | 54-5250  | Gasket — Muffler                    | 1        |
| *        | 55-7390  | Spark Arrestor — Muffler (Optional) | 1        |



## FUEL TANK ASSEMBLY

| Ref. No. | Part No. | Description                        | No. Used | Ref. No. | Part No. | Description   | No. Used |
|----------|----------|------------------------------------|----------|----------|----------|---|----------|
| 1        | 54-5510  | Cap — Pump                         | 1        | 12       | 54-5580  | Hose — Suction                                      | 1        |
| 2        | 54-5520  | Cap                                | 1        | 13       | 54-5540  | Filter — Fuel                                       | 1        |
| 3        | 54-5530  | Gasket                             | 1        | 14       | 54-5640  | Fuel Tank Assembly (Incl. Ref. #1-9, 12, 13, 16-19) | 1        |
| 4        | 54-5460  | Gasket                             | 1        | 15       | 54-5650  | Screw   | 2        |
| 5        | 54-5480  | Ball                               | 2        | 16       | 54-5630  | Gasket  | 1        |
| 6        | 54-5470  | Sponge                             | 2        | 17       | 54-5620  | Holder  | 1        |
| 7        | 54-5490  | Gasket                             | 1        | 18       | 54-5610  | Valve — Breather                                    | 1        |
| 8        | 54-5500  | Gasket                             | 1        | 19       | 54-5600  | Cap — Gas   | 1        |
| 9        | 54-5570  | Pump — Primer<br>(Incl. Ref. #1-8) | 1        | *        | 54-5590  | Tank Cap Assembly<br>(Incl. Ref. #16-19)            | 1        |
| 10       | 54-5550  | Clip                               | 2        |          |          |   |          |
| 11       | 54-5560  | Tube — Fuel                        | 1        |          |          |   |          |

\*Not Illustrated

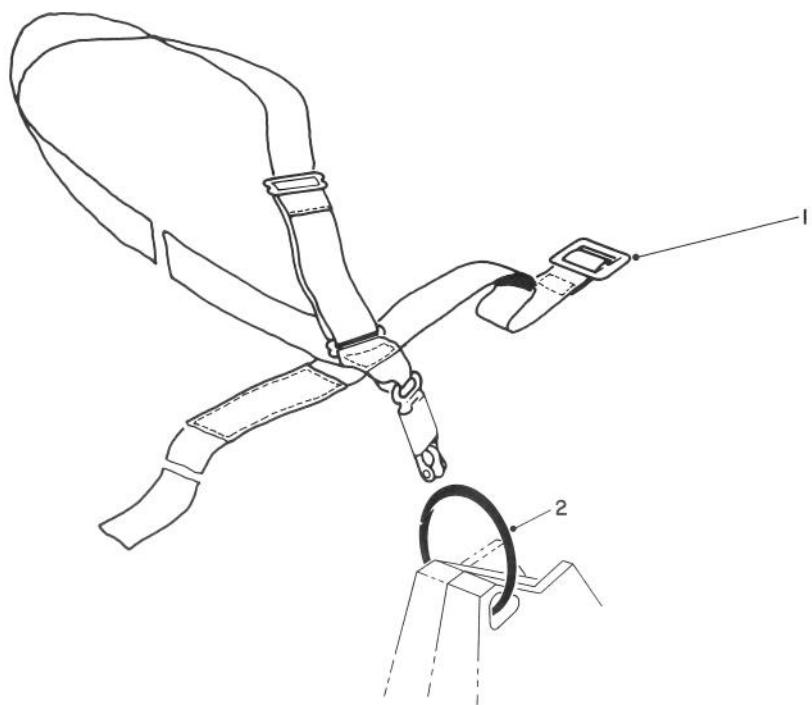


## STANDARD HARNESS NO. 46-2950 (Optional)

| Ref. No. | Part No. | Description      | No. Used |
|----------|----------|------------------|----------|
| 1        | 46-2950  | Standard Harness | 1        |

| Ref. No. | Part No. | Description | No. Used |
|----------|----------|-------------|----------|
| 2†       | 44-7540  | Ring        | 1        |

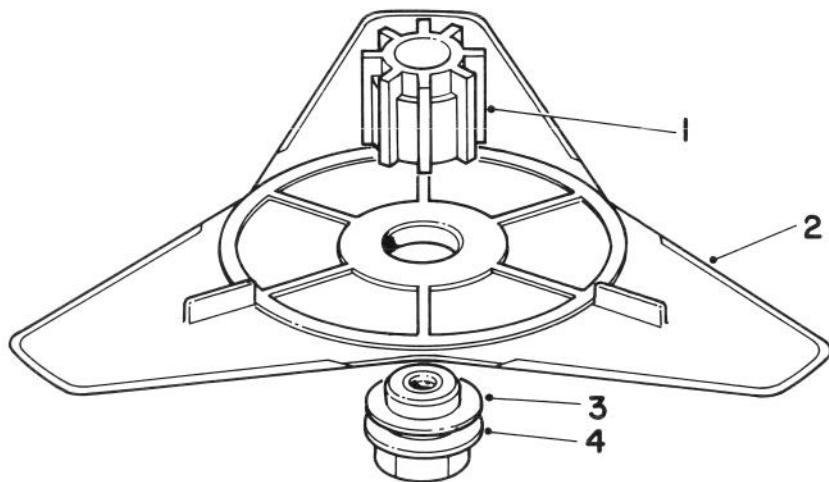
†Order ring separately.



## DELUXE HARNESS NO. 46-2960 (Optional)

| Ref. No. | Part No. | Description    | No. Used | Ref. No. | Part No. | Description | No. Used |
|----------|----------|----------------|----------|----------|----------|-------------|----------|
| 1        | 46-2960  | Deluxe Harness | 1        | 2†       | 44-7540  | Ring        | 1        |

†Order ring separately.



## FLEX BLADE KIT 44-9870 (Optional)

| Ref. No. | Part No. | Description     | No. Used | Ref. No. | Part No. | Description   | No. Used |
|----------|----------|-----------------|----------|----------|----------|---------------|----------|
| 1        | 44-2410  | Adapter — Blade | 1        | 3        | 51-1340  | Washer        | 1        |
| 2        | 46-2790  | Blade — Flex    | 1        | 4        | 44-2420  | Nut — Adapter | 1        |

## PRODUCT CHANGES

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

## IDENTIFICATION AND ORDERING

### MODEL AND SERIAL NUMBERS

The Trimmer has two identification numbers: a model number and a serial number. The two numbers are stamped on a decal which is located in front of throttle lever on bottom side of drive shaft tube. In any correspondence concerning the trimmer, supply model and serial numbers to assure that correct information and replacement parts are obtained.

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

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

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

## The Toro Promise

### TORO GAS TRIMMER/WEEDER A TWO YEAR LIMITED WARRANTY

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

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

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

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

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

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

Write:

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

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

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

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

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

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

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

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

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

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

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

## COUNTRIES OTHER THAN THE UNITED STATES OR CANADA

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

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

# MAINTENANCE RECORD