

**HOMELITE<sup>®</sup>**  
**JACOBSEN**

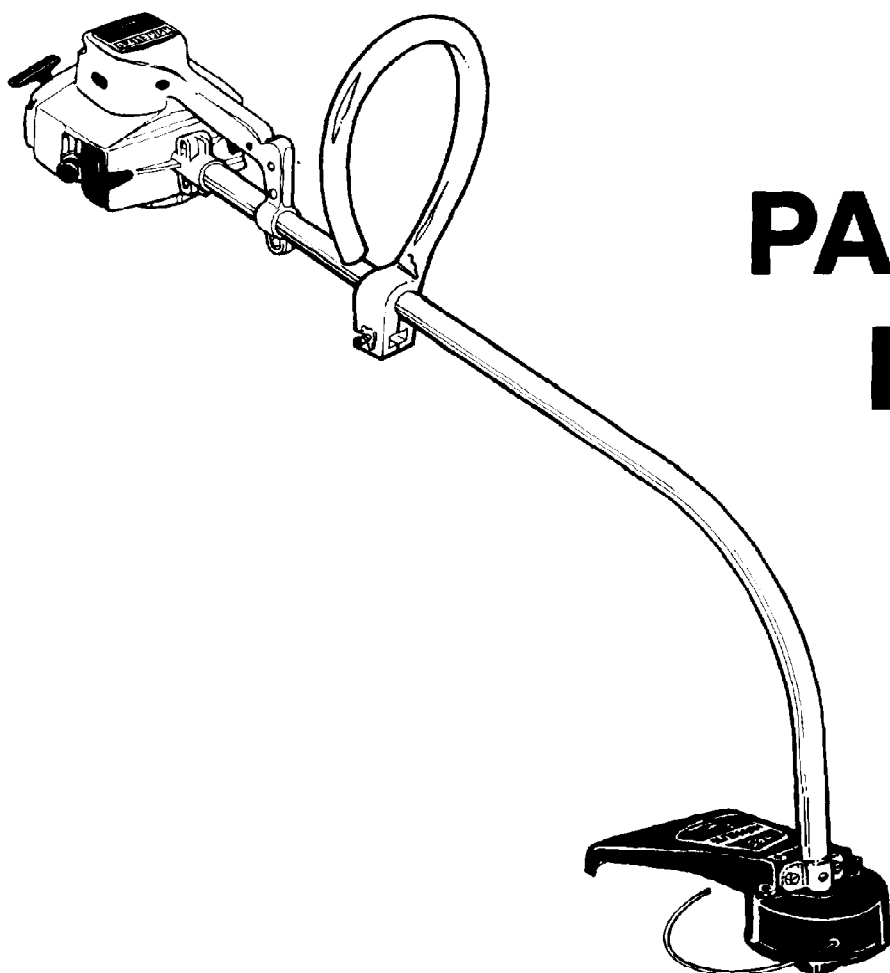
**PART NO. 17877**

Printed in U.S.A.

Price 35¢

# **165** (UT-20536)

## **STRING TRIMMER**



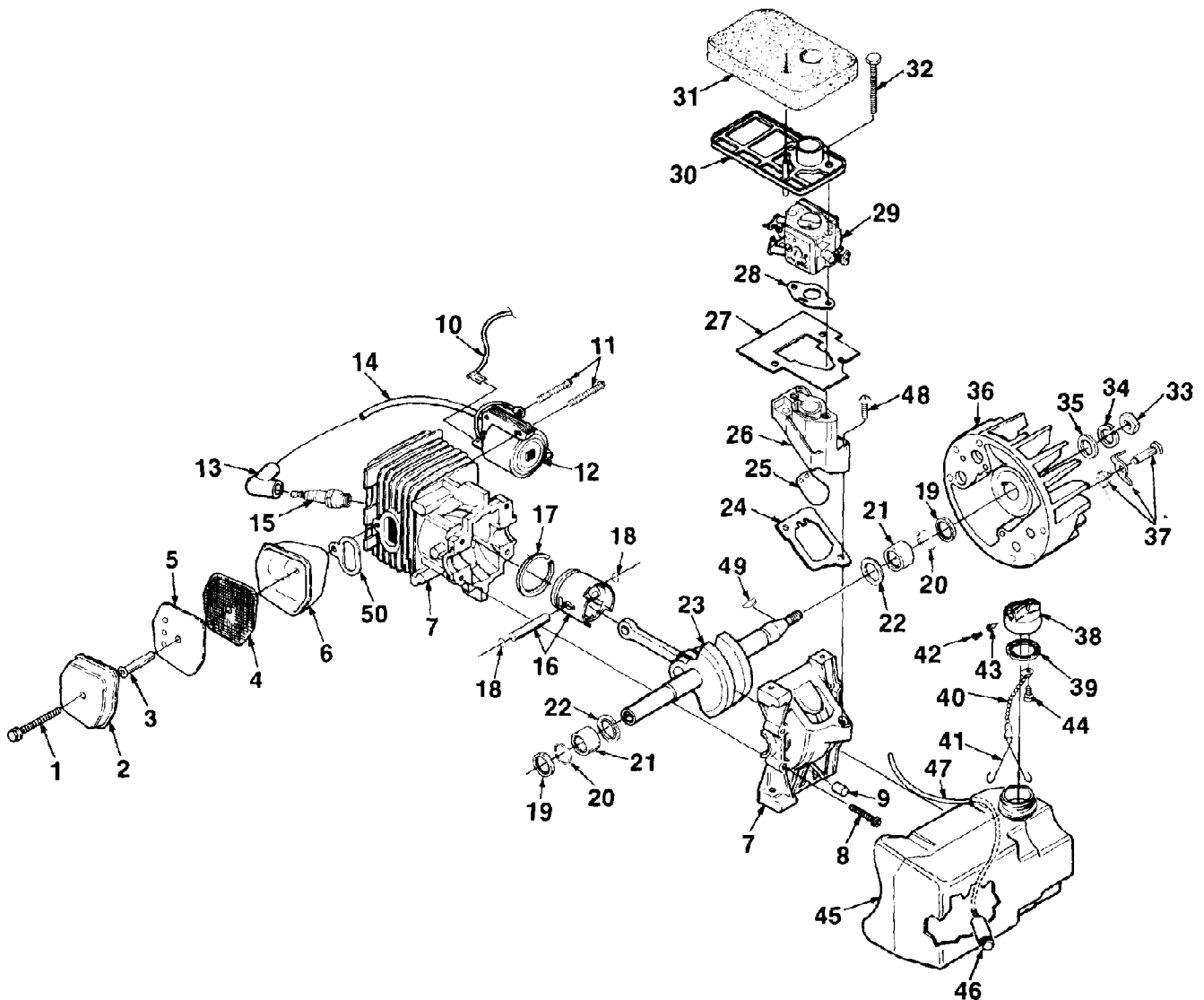
# **PARTS LIST**

**HOMELITE** **TEXTRON**

Homelite Division of Textron Inc.

## 165 STRING TRIMMERS

FIGURE 1



ALWAYS FURNISH MODEL AND SERIAL NUMBERS WHEN ORDERING PARTS.

# 165 STRING TRIMMERS

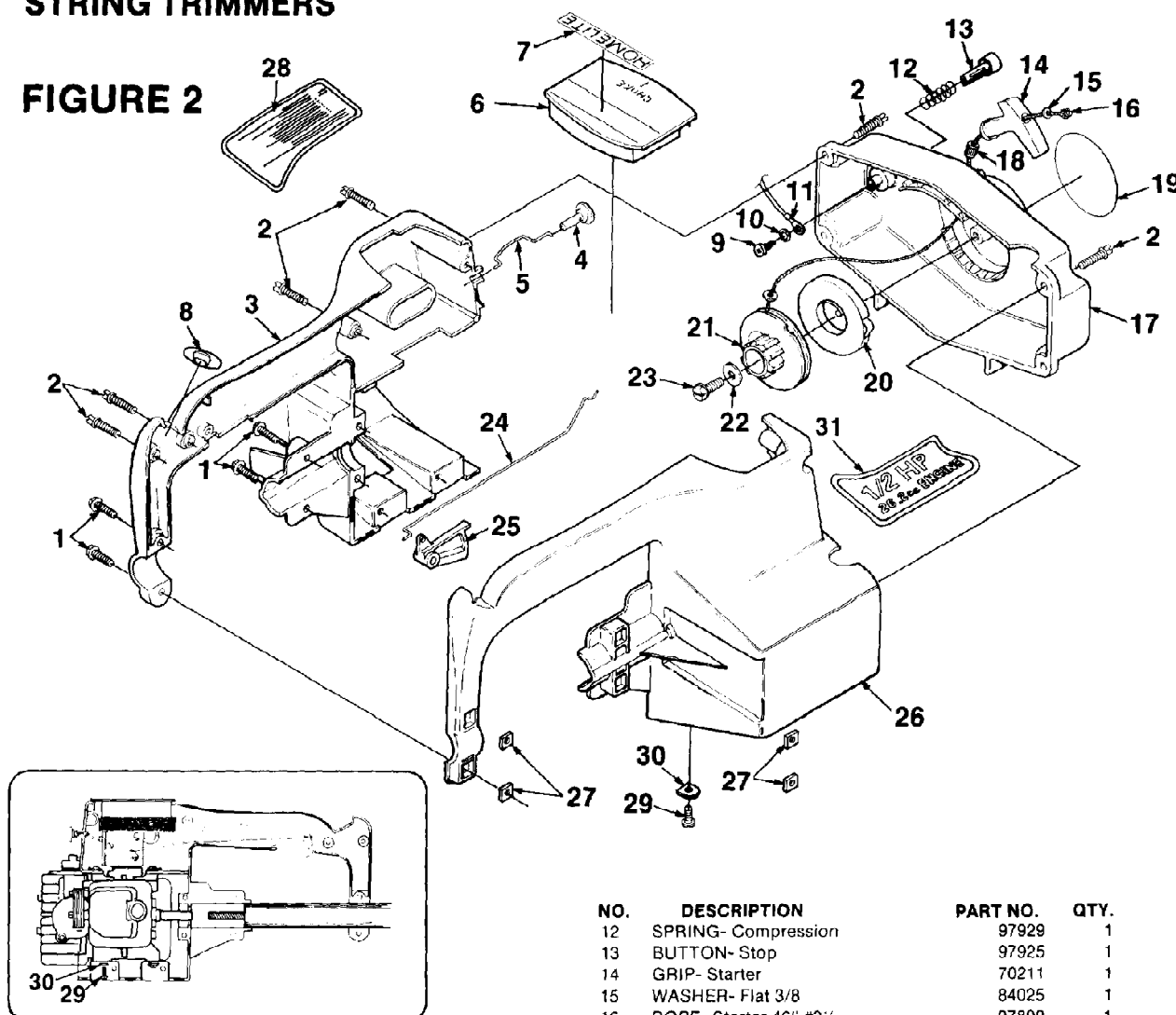
## FIGURE 1

| NO. | DESCRIPTION                       | PART NO.  | QTY. | NO. | DESCRIPTION              | PART NO.  | QTY. |
|-----|-----------------------------------|-----------|------|-----|--------------------------|-----------|------|
|     | MUFFLER- Assembly (Complete)      | A-97621-A | 1    | 26  | SPACER- Carburetor       | A-97571   | 1    |
|     | Includes                          |           |      | 27  | BAFFLE- Air              | 94403-B   | 1    |
| 1   | SCREW                             | 93460     | 1    | 28  | GASKET- Carburetor       | 93505-B   | 1    |
| 2   | CAP- Muffler                      | 97634     | 1    | 29  | CARBURETOR- Zama         | A-97971   | 1    |
| 3   | SPACER- Muffler                   | 93983-08  | 1    |     | CARBURETOR- Walbro       | A-97972   | 1    |
| 4   | SCREEN- Spark                     | 93991-A   | 1    | 30  | SUPPORT- Air filter      | 94457-A   | 1    |
| 5   | BAFFLE- Muffler                   | 48161-A   | 1    | 31  | FILTER- Air              | 94456     | 1    |
| 6   | BODY- Muffler                     | 93986     | 1    | 32  | SCREW- Hex 10-24 x 1 3/4 | 88056     | 2    |
| 7   | CYLINDER & CRANKCASE              | A-97792-A | 1    | 33  | NUT- Rotor 5/16-24       | 81117     | 1    |
|     | Includes                          |           |      | 34  | WASHER- Lock             | 83002     | 1    |
| 8   | SCREW 8-32 x 1                    | 88044     | 4    | 35  | WASHER                   | 84065     | 1    |
| 9   | BUMPER- Rubber                    | 97950     | 1    | 36  | ROTOR & STARTER PAWL     | A-95007   | 1    |
| 10  | LEAD- Electrical (to stop button) |           |      |     | Includes                 |           |      |
|     | (See Fig 2, Index #11)            | A-97928   | 1    | 37  | STARTER PAWL KIT         | A-70285-D | 1    |
| 11  | SCREW- Hex 8-32 x 3/4             | 82248     | 2    | 38  | CAP- Fuel                | A-96957-A | 1    |
| 12  | MODULE- Ignition                  | 94711-A   | 1    |     | Includes                 |           |      |
|     | Includes                          |           |      | 39  | GASKET- Filler cap       | 94494     | 1    |
| 13  | TERMINAL- Hi-tension              | A-33055   | 1    | 40  | BEAD- Chain              | 69502     | 1    |
| 14  | LEAD- High tension                | 69326     | 1    | 41  | RETAINER                 | 96535     | 1    |
| 15  | SPARK PLUG (DJ7Y)                 | 96169-S   | 1    | 42  | FILTER- Fuel cap         | 69454     | 1    |
| 16  | PISTON & PIN ASSEMBLY             | A-69393   | 1    | 43  | VALVE                    | 69451     | 1    |
|     | Includes                          |           |      | 44  | SCREW- Pan hd            | 82256-A   | 1    |
| 17  | PISTON RING (See Note 1)          | 69312     | 1    | 45  | TANK- Fuel               | A-94462-D | 1    |
|     | PISTON RING (Alternate source)    | 69312-1A  | 1    |     | Includes                 |           |      |
| 18  | RING- Piston pin retaining        | 65261     | 2    | 46  | FILTER- Fuel             | 96639-1   | 1    |
| 19  | SEAL- Main                        | 94638     | 2    | 47  | LINE- Fuel               | 70310-40  | 1    |
| 20  | SPACER- Seal                      | 68514     | 2    | 48  | SCREW- Mach Pan hd       | 93934     | 2    |
| 21  | NEEDLE- Bearing                   | 12530     | 2    | 49  | KEY- Woodruff            | 69250     | 1    |
| 22  | WASHER- Thrust                    | 95492     | 2    | 50  | GASKET- Muffler          | 93801     | 1    |
| 23  | CRANKSHAFT ASSEMBLY               | A-97954   | 1    |     |                          |           |      |
| 24  | GASKET                            | 93884-A   | 1    |     |                          |           |      |
| 25  | REED                              | 95983     | 1    |     |                          |           |      |

**NOTE 1: Use 96935 Piston Ring for units with Pinless Pistons.**

# 165 STRING TRIMMERS

FIGURE 2

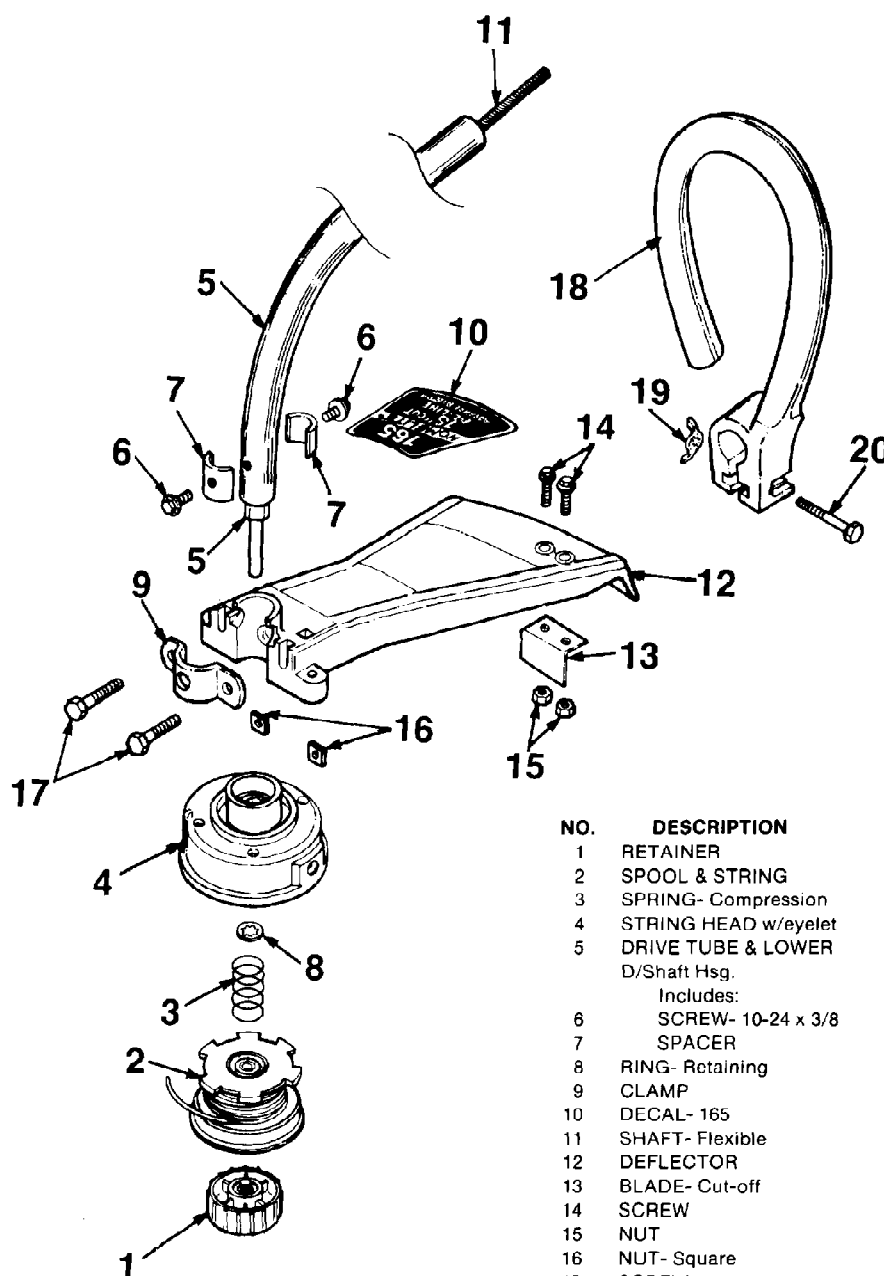


| NO. | DESCRIPTION                                  | PART NO. | QTY. |
|-----|----------------------------------------------|----------|------|
| 1   | SCREW- 10-32 x 3/4 hex hd.                   | 82220    | 4    |
| 2   | SCREW                                        | 82368    | 12   |
| 3   | ENGINE HOUSING (right)<br>Includes:          | A-97997  | 1    |
| 4   | BUTTON- Choke                                | 97995    | 1    |
| 5   | ROD- Choke                                   | 97996    | 1    |
| 6   | COVER- Filter<br>Includes:                   | A-94489  | 1    |
| 7   | DECAL                                        | 78290    | 1    |
| 8   | PLUG- Unthreaded                             | 96591    | 1    |
| 9   | SCREW- Thd. forming                          | 93923    | 1    |
| 10  | WASHER- Lock 5/16                            | 83004    | 1    |
| 11  | LEAD- Electrical (see Fig. 1,<br>index # 10) | A-97928  | 1    |

| NO. | DESCRIPTION                | PART NO. | QTY. |
|-----|----------------------------|----------|------|
| 12  | SPRING- Compression        | 97929    | 1    |
| 13  | BUTTON- Stop               | 97925    | 1    |
| 14  | GRIP- Starter              | 70211    | 1    |
| 15  | WASHER- Flat 3/8           | 84025    | 1    |
| 16  | ROPE- Starter 46" #3 1/2   | 97899    | 1    |
| 17  | HOUSING- Starter           | A-98025  | 1    |
|     | Includes:                  |          |      |
| 18  | BUSHING- Starter housing   | A-97796  | 1    |
| 19  | DECAL- 165                 | 98160    | 1    |
| 20  | SPRING- Rewind             | A-97908  | 1    |
| 21  | PULLEY- Starter            | 97768    | 1    |
| 22  | WASHER                     | 94062    | 1    |
| 23  | SCREW                      | 70771    | 1    |
| 24  | ROD- Throttle              | 94435-A  | 1    |
| 25  | TRIGGER                    | 94452-A  | 1    |
| 26  | HOUSING- Engine (left)     | 97570    | 1    |
| 27  | NUT                        | 97574    | 4    |
| 28  | DECAL- Starter instruction | 98163    | 1    |
| 29  | SCREW- Torx                | 96987    | 4    |
| 30  | WASHER                     | 96984    | 4    |
| 31  | DECAL- 1/2 HP              | 98166    | 1    |

ALWAYS FURNISH MODEL AND SERIAL NUMBERS WHEN ORDERING PARTS.

# 165 STRING TRIMMERS

**FIGURE 3**

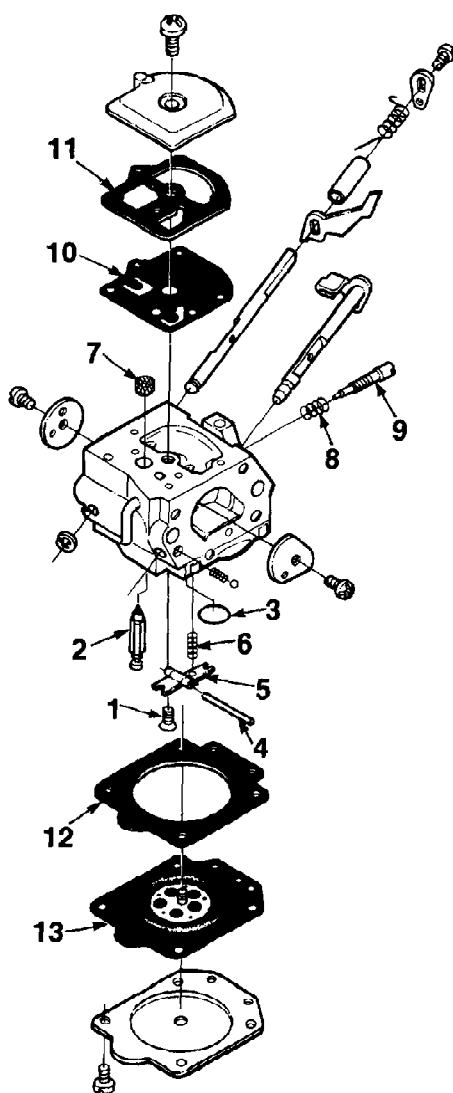
| NO. | DESCRIPTION                        | PART NO. | QTY. |
|-----|------------------------------------|----------|------|
| 1   | RETAINER                           | A-97910  | 1    |
| 2   | SPOOL & STRING                     | DA-97951 | 1    |
| 3   | SPRING- Compression                | 97920    | 1    |
| 4   | STRING HEAD w/eyelet               | A-98214  | 1    |
| 5   | DRIVE TUBE & LOWER<br>D/Shaft Hsg. | A-98622  | 1    |
|     | Includes:                          |          |      |
| 6   | SCREW- 10-24 x 3/8                 | 88077    | 2    |
| 7   | SPACER                             | 98147    | 2    |
| 8   | RING- Retaining                    | 97938    | 1    |
| 9   | CLAMP                              | 97363-A  | 1    |
| 10  | DECAL- 165                         | 98143    | 1    |
| 11  | SHAFT- Flexible                    | 94406-A  | 1    |
| 12  | DEFLECTOR                          | 97362-B  | 1    |
| 13  | BLADE- Cut-off                     | 98169    | 1    |
| 14  | SCREW                              | 82220    | 2    |
| 15  | NUT                                | 81206    | 2    |
| 16  | NUT- Square                        | 95213    | 2    |
| 17  | SCREW                              | 82501    | 2    |
| 18  | HANDLE- Front                      | A-98525  | 1    |
| 19  | NUT- Wing                          | 93992    | 1    |
| 20  | SCREW- Cap hd.                     | 80295    | 1    |

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**165  
STRING TRIMMERS**

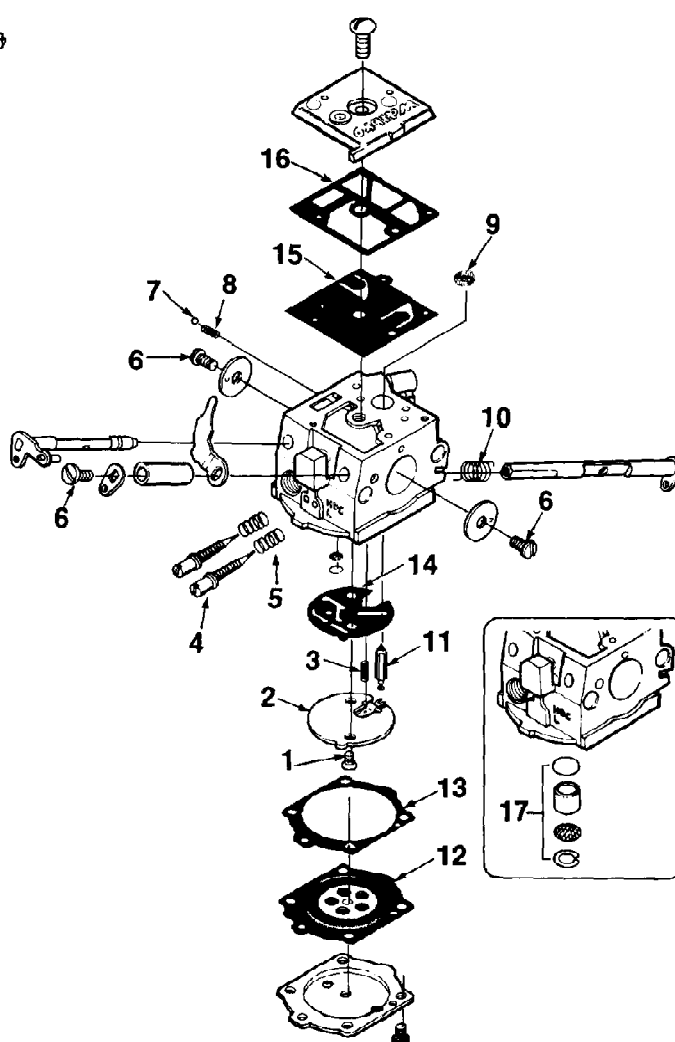
## CARBURETORS

**ZAMA (C2S-H9)  
A-97971**



**KIT- Repair** 98016 (1-13)  
**KIT- Gasket Diaphragm** 98017 (10-13)  
**NEEDLE- Inlet** 98015 (#2)

**WALBRO (HDC-75)  
A-97972**



**KIT- Repair** 98014 (1-16)  
**KIT- Gasket Diaphragm** 93754 (12-16)  
**KIT- Check valve** 93910-B (17)  
**VALVE- Inlet needle** 64229 (#11)

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**165  
STRING TRIMMERS**

**ACCESSORIES & TOOLS**

|                   |                                         |
|-------------------|-----------------------------------------|
| <b>DA-97951</b>   | <b>REPLACEMENT (Spool &amp; String)</b> |
| <b>DA-97952-A</b> | <b>100' FT. LINE (only)</b>             |
| <b>24823</b>      | <b>SILASTIC</b>                         |
| <b>22486</b>      | <b>SHIM (015")</b>                      |
| <b>A-24747-A</b>  | <b>ROTOR PULLER</b>                     |
|                   | <b>Includes:</b>                        |
| <b>81196</b>      | <b>NUT</b>                              |
| <b>80288</b>      | <b>BOLT</b>                             |
| <b>23488-C</b>    | <b>COMPOUND- Thread locking</b>         |
| <b>70310-99</b>   | <b>LINE- Fuel (10')</b>                 |
| <b>98052</b>      | <b>STARTER CORD (250' Reel #3 1/2)</b>  |
| <b>JA-31316-4</b> | <b>IGNITION TEST, SPARK PLUG</b>        |
| <b>17789</b>      | <b>CARBURETOR REPAIR TOOL KIT</b>       |
| <b>17193</b>      | <b>MULTI-PURPOSE GREASE</b>             |
| <b>24982-01</b>   | <b>TORX DRIVER BIT (1/4" shank)</b>     |
| <b>24982-02</b>   | <b>TORX DRIVER BIT (5/16 shank)</b>     |

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