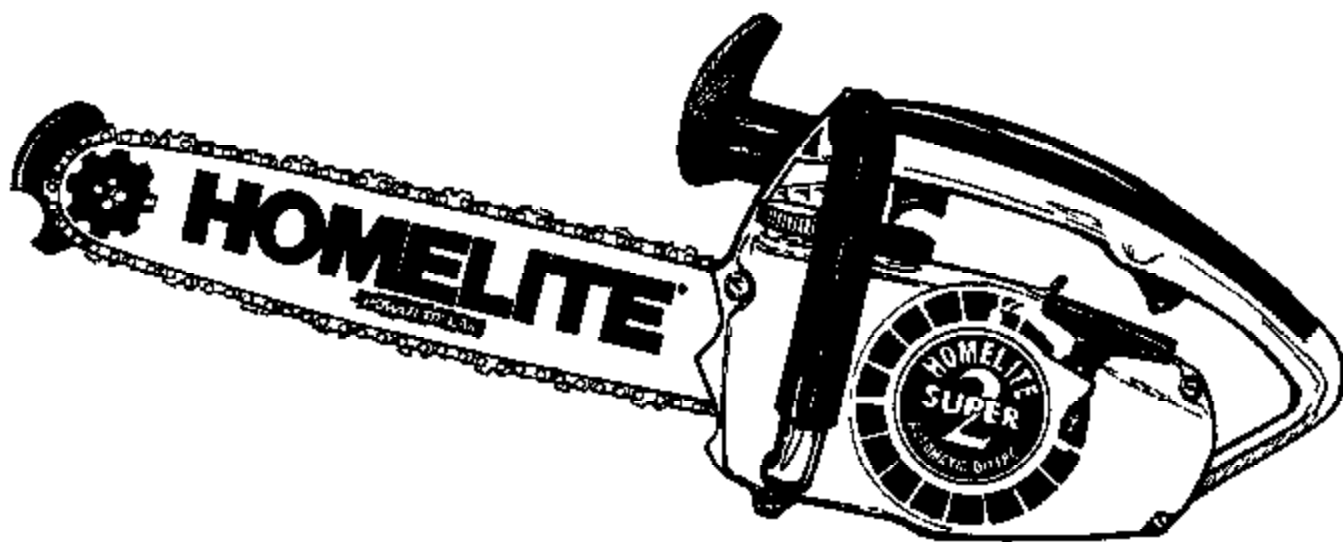


**PART NO. 24983 REV. 2**  
**Printed in U.S.A.**  
**Price .35**

# **PARTS LIST**

## **HOMELITE®**

# **Super 2**

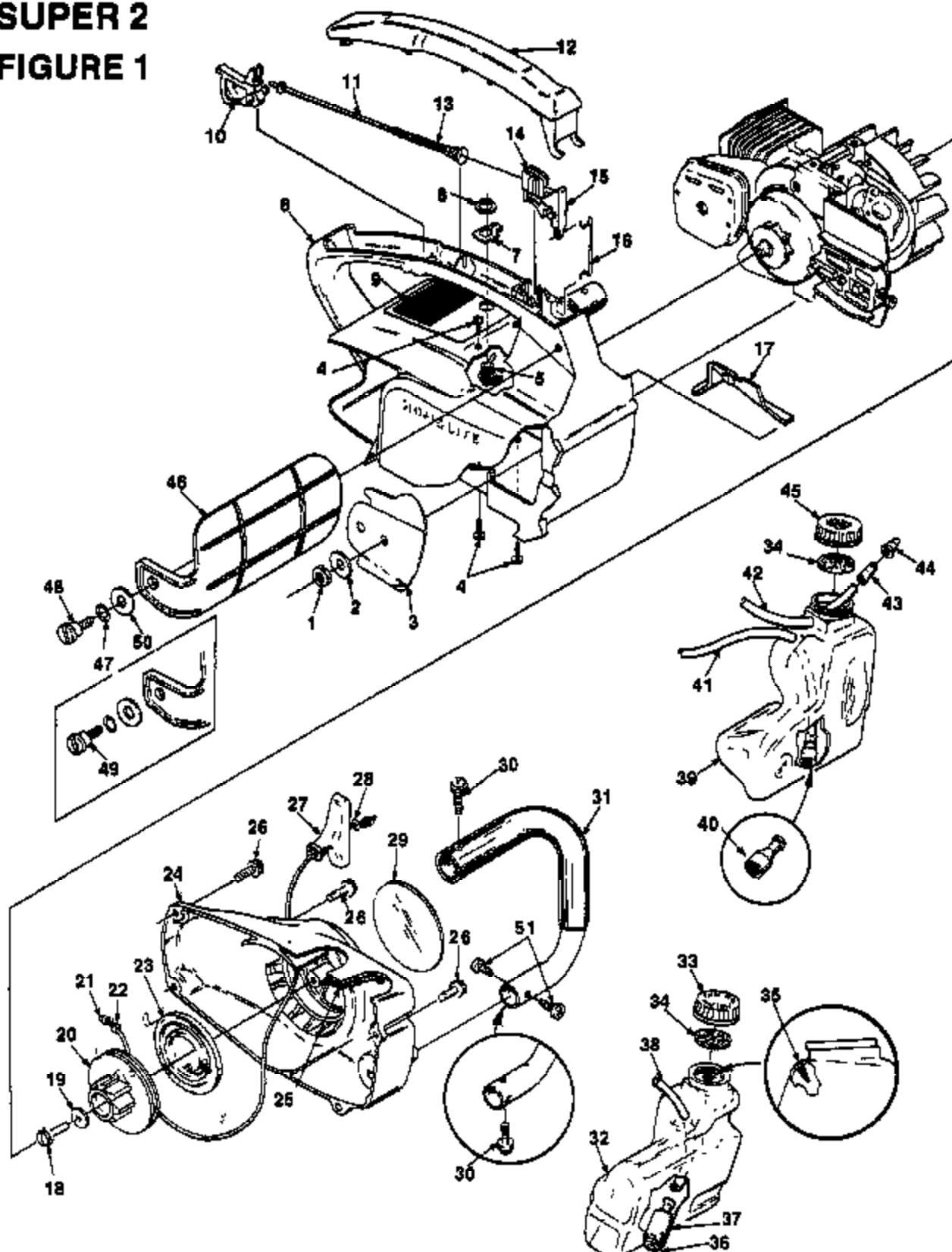


*Automatic Oiling*  
**CHAIN SAW**

**HOMELITE TEXTRON**

Homelite Division of Textron Inc

# **SUPER 2** **FIGURE 1**



# **SUPER 2** **FIGURE 1**

| NO. | DESCRIPTION                                              | PART NO.  | QTY. | NO. | DESCRIPTION                                                 | PART NO.  | QTY. |
|-----|----------------------------------------------------------|-----------|------|-----|-------------------------------------------------------------|-----------|------|
| 1   | NUT- Guide bar 1/4-28                                    | 81065-2   | 1    | 35  | VALVE- Check (duck bill)                                    | 88451     | 1    |
| 2   | WASHER- Flat                                             | 88308-A   | 1    | 36  | FILTER- Fuel                                                | A-88823   | 1    |
| 3   | PLATE- Guide bar                                         | 88360-1   | 1    |     | Includes:                                                   |           |      |
| 4   | SCREW- Pan hd., 10-24 x 1/2                              | 86820     | 4    | 37  | ELEMENT- Fuel                                               | 84083     | 1    |
| 5   | SWITCH- Stop (grounding)                                 | A-88888   | 1    | 38  | LINE- Fuel 7 1/4"                                           | 70310-29  | 1    |
|     | Includes:                                                |           |      | 39  | TANK- Oil                                                   | A-70888-A | 1    |
| 6   | NUT- Hex                                                 | 72084-A1  | 1    |     | Includes:                                                   |           |      |
| 7   | PLATE- "On-Off"                                          | 70834     | 1    | 40  | FILTER- Oil                                                 | A-88583   | 1    |
| 8   | HOUSING- Engine                                          | A-88882-B | 1    | 41  | LINE- Oil 6"                                                | 70309-24  | 1    |
|     | Includes:                                                |           |      | 42  | LINE- Pressure                                              | A-88358-B | 1    |
| 8   | PLATE- Starting instruction                              | 70835     | 1    |     | Includes:                                                   |           |      |
| 10  | TRIGGER- Rear                                            | 88106-A   | 1    | 43  | CONNECTOR- Oil                                              | 88559-B   | 1    |
| 11  | ROD- Throttle                                            | A-88186   | 1    | 44  | VALVE- Check (duck bill)                                    | 88451     | 1    |
| 12  | COVER- Handle                                            | 88140-A   | 1    | 45  | CAP- Tank (oil) (black)                                     | A-70889-B | 1    |
| 13  | SPRING- Throttle rod                                     | 88249     | 1    |     | (Note 1)                                                    |           |      |
| 14  | TRIGGER- Front                                           | 88105     | 1    |     | Includes:                                                   |           |      |
| 15  | LEVER- Throttle                                          | 88107     | 1    |     | GASKET- Fuel filler cap                                     |           |      |
| 16  | ROD- Throttle (front)                                    | 88255-C   | 1    |     | (Note 2) (See 34)                                           | 94839-A   | 1    |
| 17  | COVER- Air filter                                        | 88253     | 1    | 46  | GUARD- Hand (Note 3)                                        | A-70795-B | 1    |
| 18  | SCREW- Hex washer hd.<br>10-32 x 5/8 (Magnesium Housing) | 80704     | 1    |     | Includes:                                                   |           |      |
|     | SCREW- Thread forming<br>13/84 x .750 (Plastic housing)  | 94565     | 1    | 47  | WASHER- Curved spring                                       | 88894     | 1    |
| 19  | WASHER- Flat (Magnesium housing)                         | 88808-1   | 1    | 48  | SCREW- Shoulder self tapping<br>(10-32) (Magnesium housing) | 95713     | 1    |
|     | WASHER- (Plastic housing)                                | 94062     | 1    | 49  | SCREW- Shoulder<br>#10 thread forming (Plastic housing)     | 95714     | 1    |
| 20  | PULLEY- Starter                                          | 88158-A   | 1    | 50  | WASHER- Flat                                                | 88102     | 1    |
|     | PULLEY- Starter (alternate)                              | 84562-A   | 1    | 51  | SCREW- Pan hd.,<br>#8 x 1/2 (Plastic housing)               | 82348     | 2    |
| 21  | ROPE- Starter #4, 34" long                               | A-88974-A | 1    |     |                                                             |           |      |
|     | Includes:                                                |           |      |     |                                                             |           |      |
| 22  | WASHER- Nylon                                            | 88862     | 1    |     |                                                             |           |      |
| 23  | SPRING- Rewind                                           | 88217     | 1    |     |                                                             |           |      |
| 24  | HOUSING- Rewind starter<br>(Plastic housing)             | A-84241   | 1    |     |                                                             |           |      |
|     | HOUSING- Rewind starter<br>(Magnesium housing)           | A-88540   | 1    |     |                                                             |           |      |
|     | Includes:                                                |           |      |     |                                                             |           |      |
| 25  | FILTER- Fuel tank valve                                  | 88443     | 1    |     |                                                             |           |      |
| 26  | SCREW- Hex 10-32 x 5/8                                   | 80704     | 4    |     |                                                             |           |      |
| 27  | GRIP- Starter rope                                       | 70211     | 1    |     |                                                             |           |      |
| 28  | WASHER- Flat                                             | 84025     | 1    |     |                                                             |           |      |
| 29  | DECAL- Super 2                                           | 70240     | 1    |     |                                                             |           |      |
| 30  | SCREW- Pan washer hd.<br>10-32 x 5/8 (Magnesium housing) | 82239     | 2    |     |                                                             |           |      |
| 31  | HANDLE BAR (Magnesium housing)                           | A-70219-A | 1    |     |                                                             |           |      |
|     | HANDLE BAR (Plastic housing)                             | A-84971   | 1    |     |                                                             |           |      |
| 32  | TANK- Fuel                                               | A-70889-A | 1    |     |                                                             |           |      |
|     | Includes:                                                |           |      |     |                                                             |           |      |
| 33  | CAP- Tank fuel (red)                                     | A-70884-B | 1    |     |                                                             |           |      |
|     | (Note 1)                                                 |           |      |     |                                                             |           |      |
|     | Includes:                                                |           |      |     |                                                             |           |      |
| 34  | GASKET- Fuel filler cap<br>(Note 2)                      | 94835-A   | 1    |     |                                                             |           |      |

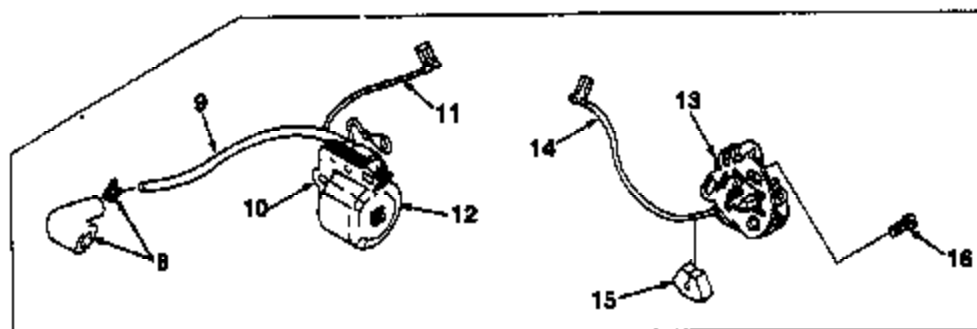
NOTE 1: Tanks with internal threads require A-70445 Fuel cap and A-70446 oil cap. If internal threads in tank are worn order new external threaded tank.

NOTE 2: Use 70826 Gasket in A-70889 and A-70884 external thread caps. Use 88685 gasket for caps with internal threads.

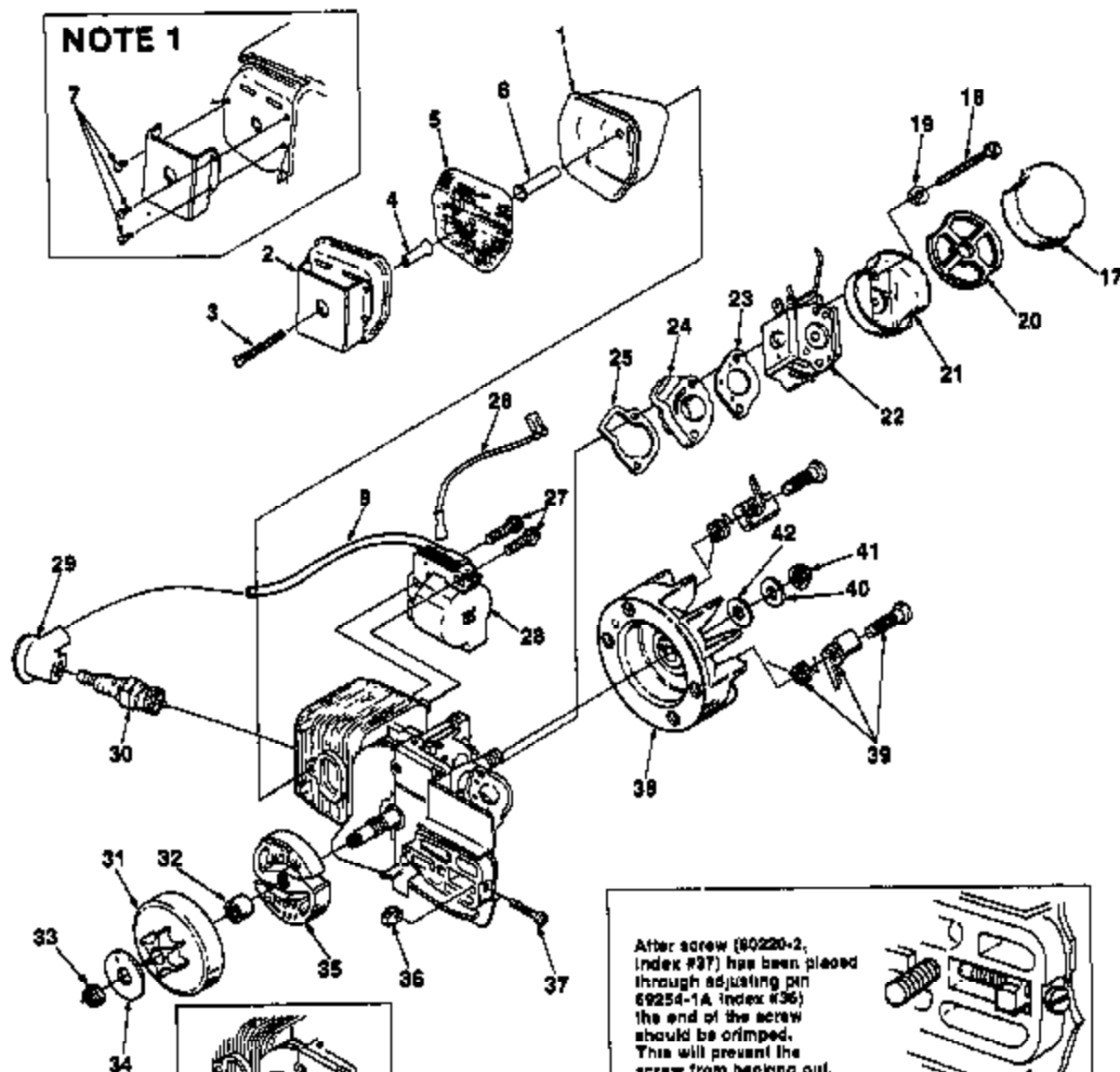
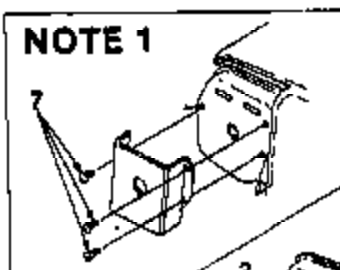
NOTE 3: For units with steel handguard, requires 70728 Belleville washer and 70748 spacer, 80572 screw 10-32 x 5/8 (magnesium housing).

## SUPER 2

### FIGURE 2



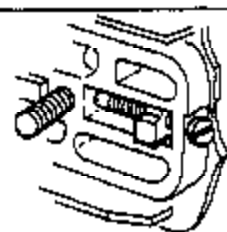
#### NOTE 1



#### NOTE 5



After screw (80220-2, Index #37) has been placed through adjusting pin 69254-1A (Index #36) the end of the screw should be crimped. This will prevent the screw from backing out.



## SUPER 2

## FIGURE 2

| NO. | DESCRIPTION                                    | PART NO.  | QTY. | NO. | DESCRIPTION                                              | PART NO.  | QTY. |
|-----|------------------------------------------------|-----------|------|-----|----------------------------------------------------------|-----------|------|
| 1   | MUFFLER                                        | A-84051-B | 1    | 28  | MODULE- Ignition (solid state)                           | 94711     | 1    |
|     | Includes                                       |           |      |     | Includes                                                 |           |      |
| 2   | CAP- Muffler (w/shield)<br>(Note 1)            | A-95426   | 1    | 29  | LEAD- High tension (see index #8)                        | 89326     | 1    |
|     | SPARK ARRESTOR                                 | A-84139   | 1    |     | TERMINAL- Spark plug<br>(solid state) (Note 3)           |           | 1    |
|     | Includes                                       |           |      | 30  | SPARK PLUG- Champion DJ-7J                               | 88618-S   | 1    |
| 3   | SCREW                                          | 82320     | 1    | 31  | SPROCKET & DRUM (Standard)<br>(6 tooth 37 and 375 chain) | A-70221-C | 1    |
| 4   | SPACER- (Short)                                | 93899     | 1    |     | Includes                                                 |           |      |
| 5   | SCREEN- Spark arrester                         | D-83891   | 1    | 32  | BEARING- Needle                                          | 88512     | 1    |
| 6   | SPACER- (Long)                                 | 83960     | 1    | 33  | NUT- Locking<br>5/16 - 24 (Note 3)                       | 81112     | 1    |
| 7   | SCREW- 4 x .250 (Note 1)                       | 82342     | 3    | 34  | WASHER- thrust (clutch)                                  | 95298     | 1    |
| 8   | TERMINAL- Spark plug                           | A-33055   | 1    | 35  | CLUTCH- "S"                                              | A-70351-A | 1    |
| 9   | LEAD- High tension (Note 2)                    | 89326     | 1    | 36  | PIN- Adjusting (see insert)                              | 89254-1A  | 1    |
| 10  | CORE- Coil (Point ignition)                    | 89324     | 1    | 37  | SCREW- Adjusting<br>(fil hd 8-32 x 1) (See insert)       | 80220-2   | 1    |
| 11  | LEAD- Stop switch<br>(Point ignition)          | A-86051   | 1    | 38  | ROTOR & STARTER PAWL<br>(Solid state (Phelon)            | A-94717-A | 1    |
| 12  | COIL- Ignition (Point ignition)                | 89323     | 1    |     | ROTOR & STARTER PAWL<br>(Point ignition) (Phelon)        | A-89297-B | 1    |
|     | RETAINER- Coil (not shown)<br>(Point ignition) | 89325     | 1    |     | Includes                                                 |           |      |
| 13  | POINT SET- Breaker<br>(point ignition)         | A-89336   | 1    | 39  | KIT- Starter pawl (Note 4)                               | A-70285-C | 1    |
|     | Includes                                       |           |      | 40  | WASHER- Lock                                             | 83002     | 1    |
| 14  | LEAD- Electrical                               | 70249     | 1    | 41  | NUT- Rotor 5/16-24                                       | 81117     | 1    |
| 15  | SEAL- Lead (point ignition)                    | 89247     | 1    | 42  | WASHER- Flat                                             | 84085-1   | 1    |
| 16  | SCREW- Point set<br>(point ignition)           | 88026     | 2    |     |                                                          |           |      |
| 17  | FILTER- Air                                    | 88141     | 1    |     |                                                          |           |      |
| 18  | SCREW- Hex hd<br>10-32 x 2 1/4                 | 80481     | 2    |     |                                                          |           |      |
| 19  | WASHER- Lock #10                               | 83008-1   | 2    |     |                                                          |           |      |
| 20  | RETAINER- Air filter                           | 89457     | 1    |     |                                                          |           |      |
| 21  | CUP- Air filter                                | 88145     | 1    |     |                                                          |           |      |
| 22  | CARBURETOR- HDS-85 (walbro)                    | A-84649-A | 1    |     |                                                          |           |      |
|     | CARBURETOR- Zama (Q2S-H5)                      | A-88481   | 1    |     |                                                          |           |      |
| 23  | GASKET- Carburetor                             | 85018     | 1    |     |                                                          |           |      |
| 24  | MANIFOLD- Intake                               | A-89373-A | 1    |     |                                                          |           |      |
| 25  | GASKET- Intake manifold                        | 88143     | 1    |     |                                                          |           |      |
| 26  | LEAD- Ground (solid state)                     | A-94721   | 1    |     |                                                          |           |      |
| 27  | SCREW- Hex w/washer<br>(8-32 x 3/4)            | 82245     | 2    |     |                                                          |           |      |

NOTE 1: Units with separate shield requires index #7 screws.  
All new muffler caps A-95426 includes a shield welded to cap.

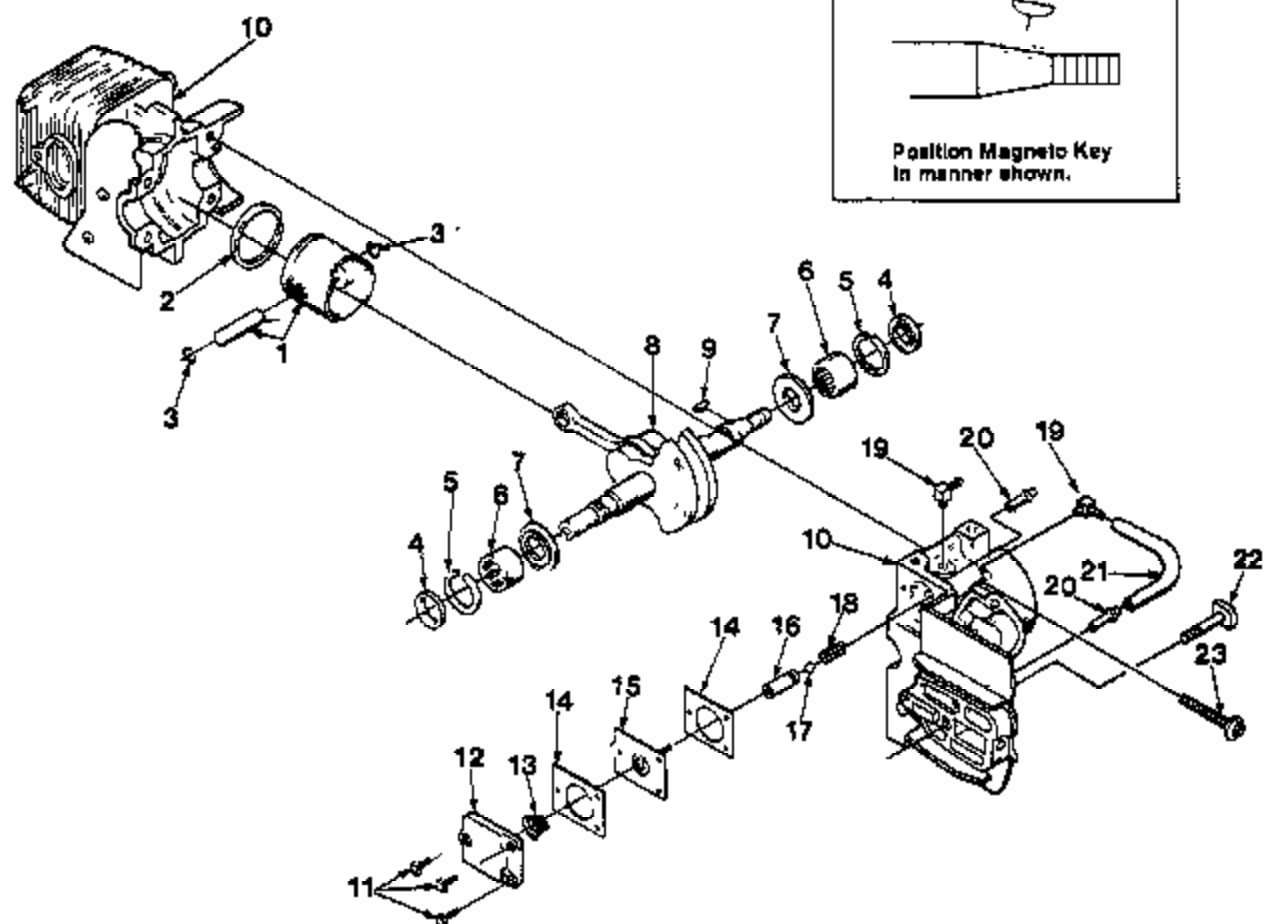
NOTE 2: For Solid State Ignition cut wire to 8 1/2".

NOTE 3: Use A-33055 for service replacement.

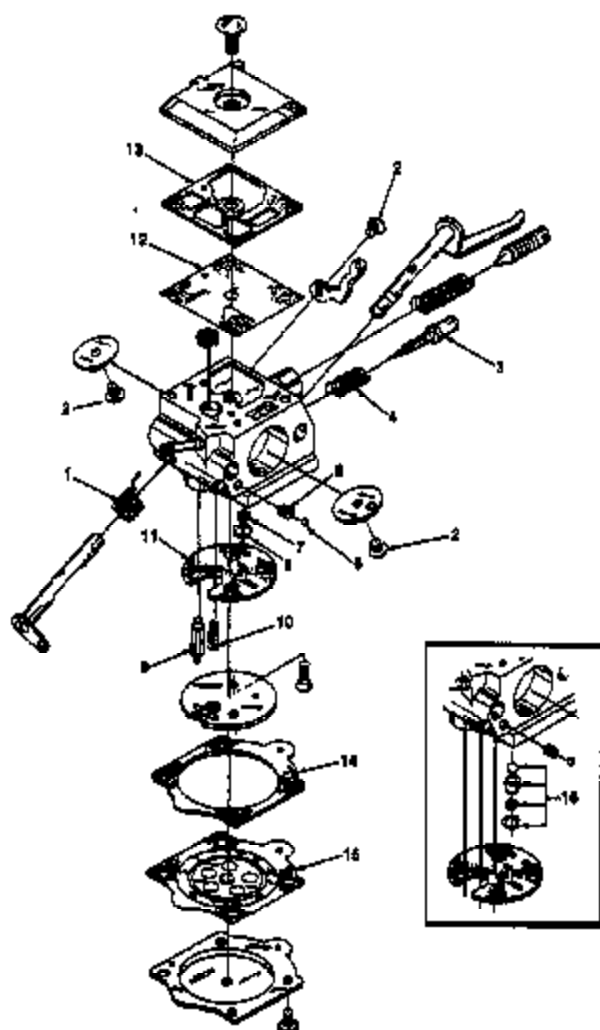
NOTE 4: Replacement starter pawl kit, item #39 includes an oversized pin, paint, stamp or mark to identify oversized pin when installing. Oversize pin can be installed lightly only once. If oversize pin is removed, the entire rotor assembly must be replaced.

NOTE 5: Retaining ring 83972 required for crankshafts without threaded clutch end.

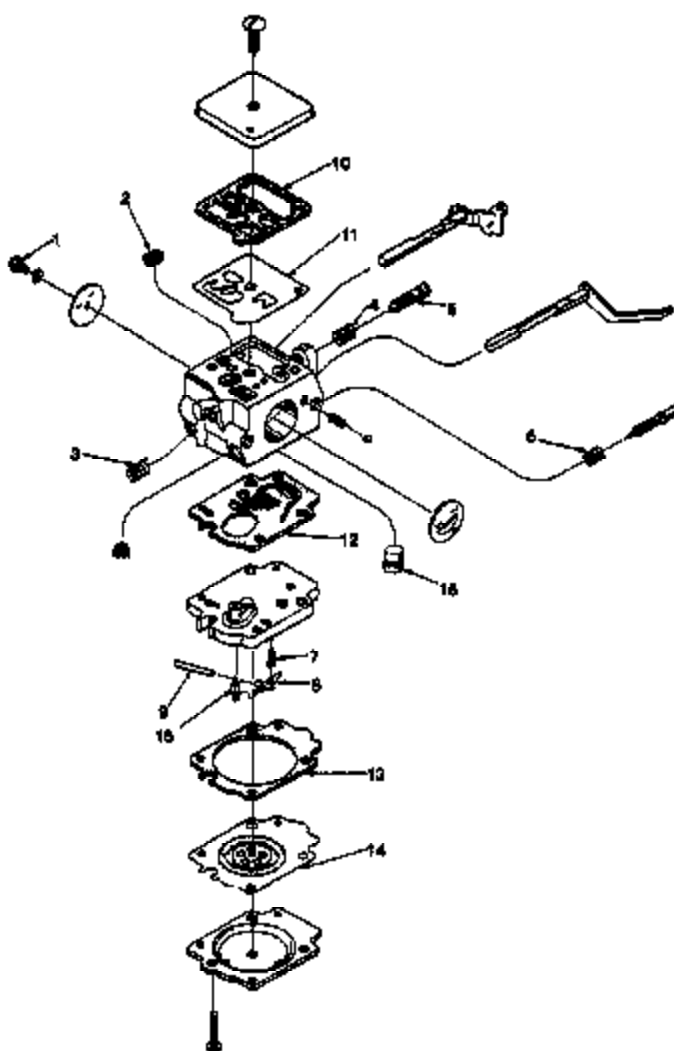
# **SUPER 2** **FIGURE 3**



| NO. | DESCRIPTION                              | PART NO.  | QTY. | NO. | DESCRIPTION                   | PART NO.  | QTY. |
|-----|------------------------------------------|-----------|------|-----|-------------------------------|-----------|------|
| 1   | PISTON & PIN<br>Includes                 | A-70224-A | 1    | 12  | COVER- Oil pump               | 88224-1C  | 1    |
| 2   | PISTON RING                              | 70206     | 1    | 13  | SPRING- Oil pump              | 88447     | 1    |
| 3   | RING- Piston pin retaining               | 86261     | 2    | 14  | GASKET- Oil pump              | 88244-1   | 2    |
| 4   | SEAL                                     | 94638     | 2    | 15  | PLUNGER- Oil pump             | A-12368-B | 1    |
| 5   | SPACER- Seal                             | 89407     | 2    | 16  | BODY- Oil pump                | 89343-1   | 1    |
| 6   | BEARING- Needle                          | 12530     | 2    | 17  | BALL- Check valve             | 80051     | 1    |
|     | BEARING- Needle (opt.)                   | 88513     | 2    | 18  | SPRING- Check valve           | 88670     | 1    |
| 7   | WASHER- Thrust                           | 89093-B   | 2    | 19  | FITTING- Oil line             | 70204     | 2    |
| 8   | CRANKSHAFT (C/D Ignition)                | A-88384   | 1    | 20  | FITTING- Tube                 | 88833     | 2    |
|     | CRANKSHAFT (point ignition)              | A-88385   | 1    | 21  | LINE- Oil                     | 70161     | 1    |
|     | Includes                                 |           |      | 22  | BOLT- Guide bar               | 89195     | 1    |
|     | NUT (Not shown)                          | 81112     | 1    | 23  | SCREW- Sem hex hd<br>8-32 x 1 | 88044     | 4    |
| 9   | KEY- Magneto (see above)                 | 88250     | 1    |     |                               |           |      |
| 10  | CYLINDER & CRANKCASE (C/D)               | A-95072   | 1    |     |                               |           |      |
|     | CYLINDER & CRANKCASE<br>(point ignition) | A-70228   | 1    |     |                               |           |      |
|     | Includes                                 |           |      |     |                               |           |      |
| 11  | SCREW- Pan hd.<br>8-32 x 3/8             | 80571     | 3    |     |                               |           |      |

**SUPER 2**
**CARBURETOR**  
**A-94649-A**  
**HDC-65**


- 94056 Repair Kit (Includes 1-15)  
 94701 Gasket/Diaphragm Kit (Includes 11-15)  
 93910-A Check valve repair kit (18)  
 93188 Circuit Plate- High altitude .029 not shown  
 1229 Valve- Inlet needle (9)

**CARBURETOR**  
**A-96481 (ZAMA)**  
**C2S-H5**


- 96484 Repair Kit (1-16)  
 96485 Diaphragm/Gasket Kit (10-14)

**ACCESSORIES**

|                                        |           |
|----------------------------------------|-----------|
| GASKET- Oil pump body (repair)         | 69586     |
| KIT- Repair (sprocket nose bar)        | A-70239-B |
| KIT- Spark arrester (use with          |           |
| A-93686 muffler and A-99253-1 muffler) | A-69586-B |
| LINE- Fuel (10 ft. length)             | 70310-99  |
| LINE- Oil (10 ft. length)              | 70309-99  |
| SAFE-T-TIP (standard)                  | A-70775-A |
| Includes:                              |           |
| SCREW (Special)                        | 93695     |
| GREASE- Multi-use                      |           |
| (Sprocket bearing - PT guide bar)      | 17193     |
| CARRYING CASE                          | 94215-A   |
| STARTING ROPE- 250 ft. reel #4         | 99848     |

**TOOLS**

|                                           |           |
|-------------------------------------------|-----------|
| SILASTIC (crankcase sealing)              | 24823     |
| PLIERS- Tru-Arc (sprocket retaining ring) | 17188     |
| PULLER- Magneto rotor                     | A-24747-A |
| Includes:                                 |           |
| BOLT- 5/16-18 x 1 3/4 (1)                 | 80288     |
| NUT- Hex 5/16-18 (2)                      | 81196     |
| WRENCH- Spanner (clutch)                  | A-93781   |
| Includes:                                 |           |
| PIN- Clutch spanner                       | 23717-A   |
| TOOL- Carburetor check valve installation | 24972     |

**HOMELITE DIVISION OF TEXTRON INC.**

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14401 CAROWINDS BOULEVARD  
CHARLOTTE, N.C. 28217

# **HOMELITE** **TEXTRON**

Homelite Division of Textron Inc

Homelite Parts