

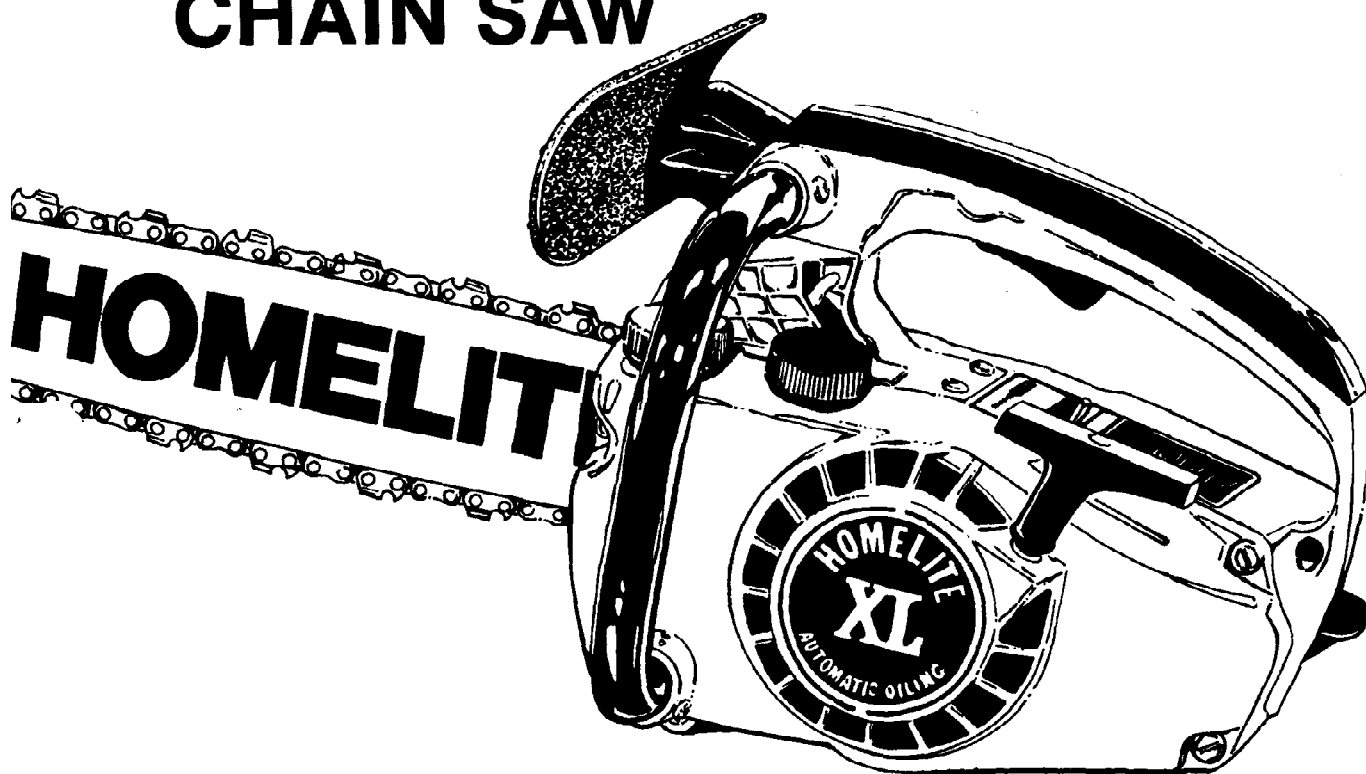


**PART NO. 24923 - Rev. 3**

Printed in U.S.A.

Price 35¢

**PARTS LIST**  
**HOMELITE®**  
**XL®** AUTOMATIC OILING  
**CHAIN SAW**



**MAGNESIUM HOUSING**

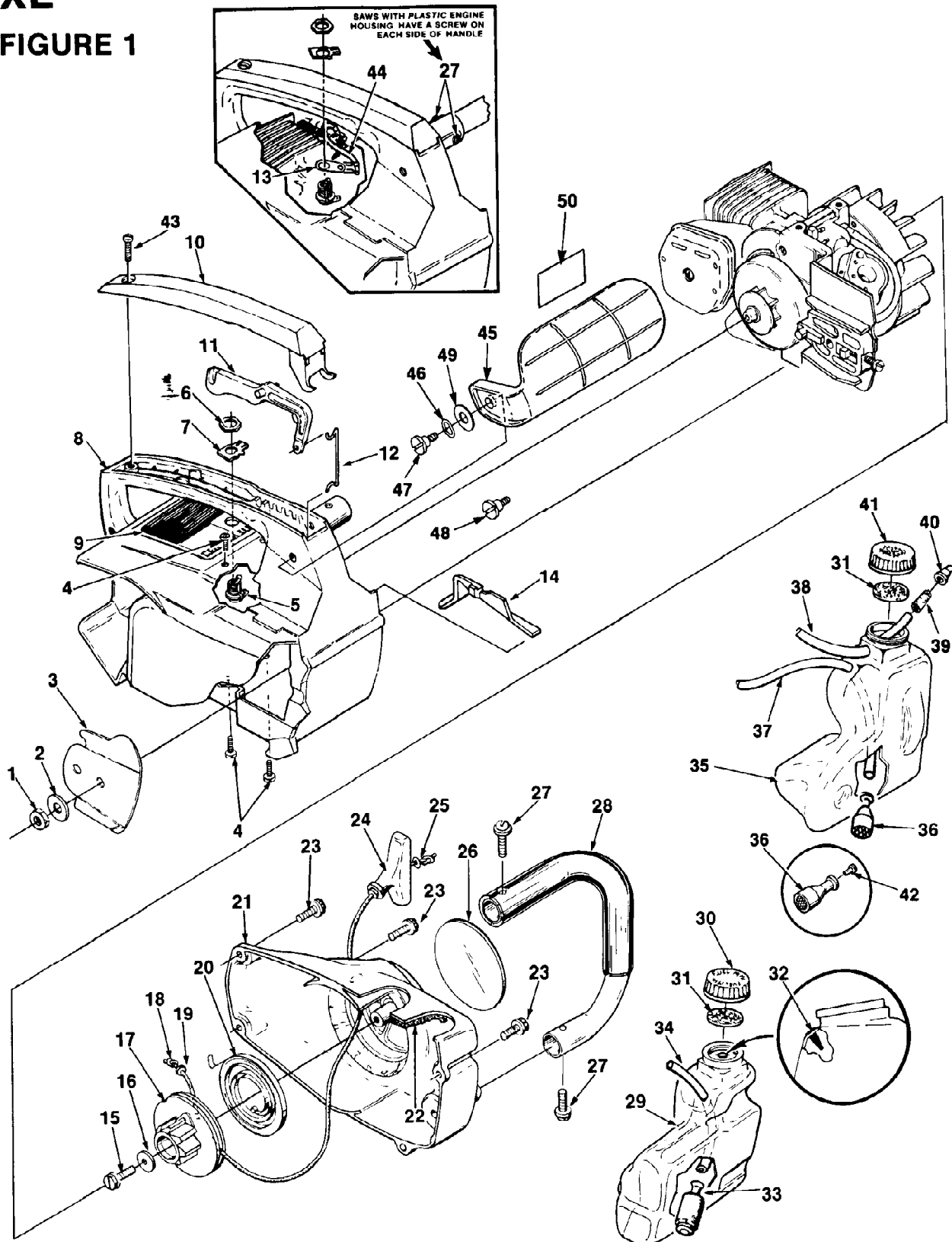
**PLASTIC HOUSING**

**HOMELITE TEXTRON**

Homelite Division of Textron Inc.

**XL**

**FIGURE 1**



**XL****FIGURE 1**

| <u>No.</u> | <u>Description</u>               | <u>Part No.</u> | <u>XL - Mag. HG.</u> | <u>XL - Pl. HG.</u> | <u>Qty.</u> | <u>No.</u> | <u>Description</u>             | <u>Part No.</u> | <u>XL - Mag. HG.</u> | <u>XL - Pl. HG.</u> | <u>Qty.</u> |
|------------|----------------------------------|-----------------|----------------------|---------------------|-------------|------------|--------------------------------|-----------------|----------------------|---------------------|-------------|
| 1          | NUT- Guide bar 1/4-28            | 81065-2         | x                    | x                   | 1           | 35         | TANK- Oil                      | A-70898-A       | x                    | x                   | 1           |
| 2          | WASHER- Flat                     | 69309-A         | x                    | x                   | 1           |            | Includes:                      |                 |                      |                     |             |
| 3          | PLATE- Guide bar                 | 69360-1         | x                    | x                   | 1           | 36         | FILTER- Oil                    | A-78889         | x                    | x                   | 1           |
| 4          | SCREW- Pan hd. (10-24 x 1/2)     | 96620           | x                    | x                   | 4           |            | (pressurized oiler only)       |                 |                      |                     |             |
| 5          | SWITCH- Stop (Note 1)            | 93653           | x                    |                     | 1           |            | FILTER- Oil                    | A-68593         | x                    | x                   | 1           |
|            | SWITCH- Stop (grounding)         | A-63938         | x                    |                     | 1           |            | (diaphragm oiler only)         | A-70309-24      | x                    | x                   | 1           |
|            | Includes:                        |                 |                      |                     |             | 37         | LINE- Oil (note 4) 6"          | A-69358-B       | x                    | x                   | 1           |
| 6          | NUT- Hex                         | 72084-A1        | x                    | x                   | 1           | 38         | LINE- Pressure (note 5)        |                 |                      |                     |             |
| 7          | PLATE- "On-Off"                  | 70834           | x                    | x                   | 1           |            | Includes:                      |                 |                      |                     |             |
| 8          | HOUSING- Engine                  | A-69944-D       | x                    |                     | 1           | 39         | CONNECTOR- Oil                 | 69659-B         | x                    | x                   | 1           |
|            | HOUSING- Engine                  | A-95683         | x                    |                     | 1           | 40         | VALVE- Check (Duck bill)       | 69451           | x                    | x                   | 1           |
|            | Includes:                        |                 |                      |                     |             | 41         | CAP- Tank (oil)                |                 |                      |                     |             |
| 9          | PLATE- Starting instruction      | 70835           | x                    | x                   | 1           |            | (Black) (See note 2)           | A-97359         | x                    | x                   | 1           |
| 10         | COVER- Handle                    | 69872-A         | x                    | x                   | 1           |            | Includes:                      |                 |                      |                     |             |
| 11         | TRIGGER- Front                   | 69874-B         | x                    | x                   | 1           |            | GASKET- Filler cap             |                 |                      |                     |             |
| 12         | ROD- Throttle (Front)            | 69255-C         | x                    | x                   | 1           |            | (See #31) (Note 3)             | 94494           | x                    | x                   | 1           |
| 13         | STRAP- Ground                    | 96417           | x                    |                     | 1           | 42         | PLUG- (pressurized oiler only) | 93703-B         | x                    | x                   | 1           |
| 14         | COVER- Air filter                | 69263-1         | x                    | x                   | 1           | 43         | SCREW- Pan hd. (10 x 5/8)      | 82312           | x                    |                     | 1           |
| 15         | SCREW- Hex washer hd.            |                 |                      |                     |             |            | SCREW- Pan washer hd.          |                 |                      |                     |             |
|            | (10-32 x 5/8)                    | 80704           | x                    |                     | 1           |            | (10-32 x 5/8)                  | 82239           | x                    |                     | 1           |
|            | SCREW- (10 x .750)               |                 |                      |                     |             | 44         | LEAD- Ground switch            | A-93717         | x                    |                     | 1           |
|            | (See note 8) & (note 9)          | 70771           |                      | x                   | 1           | 45         | GUARD- Hand (Note 7)           | A-70796-C       | x                    | x                   | 1           |
| 16         | WASHER- Flat                     | 94062           | x                    | x                   | 1           |            | Includes:                      |                 |                      |                     |             |
| 17         | PULLEY- Starter                  | 69158-A         | x                    | x                   | 1           | 46         | WASHER- Curved spring          | 95694           | x                    | x                   | 1           |
| 18         | ROPE- Starter #4, 34" long       | A-93874-A       | x                    | x                   | 1           | 47         | SCREW- Shoulder                |                 |                      |                     |             |
|            | Includes:                        |                 |                      |                     |             |            | (10-32 self-tapping)           | 95713           | x                    |                     | 1           |
| 19         | WASHER- Nylon                    | 93862           | x                    | x                   | 1           | 48         | SCREW- Shoulder                |                 |                      |                     |             |
| 20         | SPRING- Rewind                   | 69217           | x                    |                     | 1           |            | (#10 thd. form x .560)         | 95714           |                      | x                   | 1           |
|            | SPRING- Rewind (after lot #0003) | A-95233         | x                    |                     | 1           | 49         | WASHER- Flat                   | 96102           | x                    | x                   | 1           |
| 21         | HOUSING- Rewind starter          | A-69540         | x                    |                     | 1           | 50         | DECAL                          | 96990           | x                    | x                   | 1           |
|            | HOUSING- Rewind starter          | A-94241         | x                    |                     | 1           |            |                                |                 |                      |                     |             |
| 22         | FILTER- Fuel tank valve          | 69443           | x                    | x                   | 1           |            |                                |                 |                      |                     |             |
| 23         | SCREW- Hex 10-32 x 5/8           | 80704           | x                    |                     | 4           |            |                                |                 |                      |                     |             |
|            | SCREW- (10 x .750)               |                 |                      |                     |             |            |                                |                 |                      |                     |             |
|            | (See note 8) & (note 9)          | 70771           |                      | x                   | 4           |            |                                |                 |                      |                     |             |
| 24         | GRIP- Starter rope               | 70211           | x                    | x                   | 1           |            |                                |                 |                      |                     |             |
| 25         | WASHER- Flat                     | 84025           | x                    | x                   | 1           |            |                                |                 |                      |                     |             |
| 26         | DECAL- XL                        | 69887           | x                    | x                   | 1           |            |                                |                 |                      |                     |             |
| 27         | SCREW- Pan washer hd.            |                 |                      |                     |             |            |                                |                 |                      |                     |             |
|            | (10-32 x 5/8)                    | 82239           | x                    |                     | 2           |            |                                |                 |                      |                     |             |
|            | SCREW- Pan hd. #8 x 1/2 (note 6) | 94065           | x                    |                     | 4           |            |                                |                 |                      |                     |             |
| 28         | HANDLE BAR                       | A-70219-A       | x                    |                     | 1           |            |                                |                 |                      |                     |             |
|            | HANDLE BAR                       | 94508           | x                    |                     | 1           |            |                                |                 |                      |                     |             |
| 29         | TANK- Fuel                       | A-70899-B       | x                    | x                   | 1           |            |                                |                 |                      |                     |             |
|            | Includes:                        |                 |                      |                     |             |            |                                |                 |                      |                     |             |
| 30         | CAP- Tank fuel (red) (Note 2)    | A-97228         | x                    | x                   | 1           |            |                                |                 |                      |                     |             |
|            | Includes:                        |                 |                      |                     |             |            |                                |                 |                      |                     |             |
| 31         | GASKET- Fuel filler cap          |                 |                      |                     |             |            |                                |                 |                      |                     |             |
|            | (Note 3)                         | 94494           | x                    | x                   | 1           |            |                                |                 |                      |                     |             |
| 32         | VALVE- Check (Duck bill)         | 69451           | x                    | x                   | 1           |            |                                |                 |                      |                     |             |
| 33         | FILTER- Fuel                     | 96639           | x                    | x                   | 1           |            |                                |                 |                      |                     |             |
| 34         | LINE- Fuel 7 1/4"                | 70310-29        | x                    | x                   | 1           |            |                                |                 |                      |                     |             |

NOTE 1: 93653 switch does not include 72084-A1 nut.

NOTE 2: 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 3: Use 69585 gasket for caps with external threads.

NOTE 4: Units with pressurized oil system use 70309-31 tubing for replacements of Index #37.

NOTE 5: Units with pressurized oil system use 70309-08 tubing for replacement of Index #38.

NOTE 6: Units with plastic housings requires a screw in each side of handle (see inset).

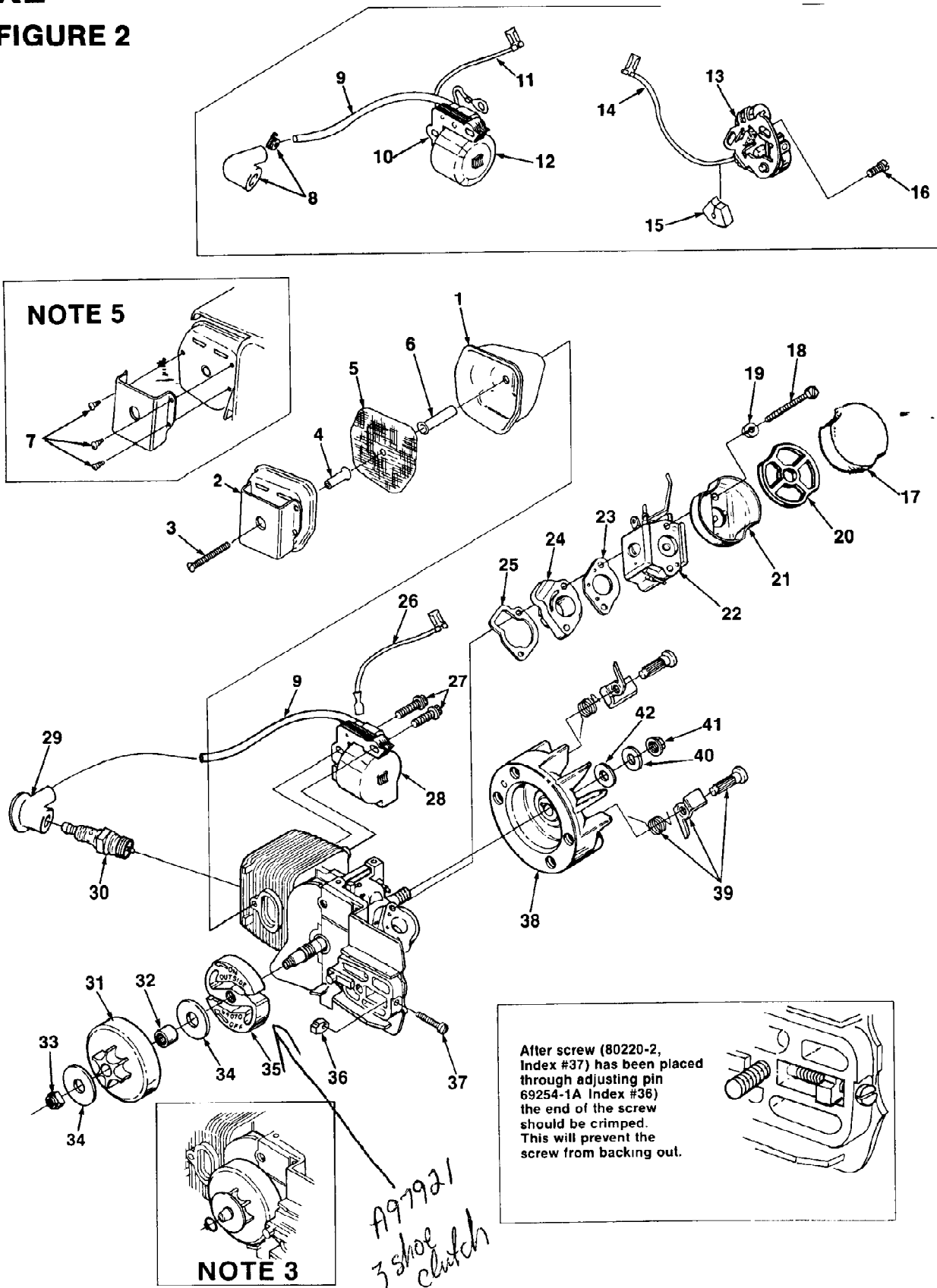
NOTE 7: For units with steel hand guard require 70728 belleville washer, 70748 spacer, 80572 screw 10-32 x 5/8 (Mag. hsg) or 82312 screw for plastic housing.

NOTE 8: If screw is stripped out of starter housing, replace all four screws with 94565.

NOTE 9: If pulley binds on starter housing when 70771 screw is tightened, use 65144 washer as a shim.

**XL**

**FIGURE 2**



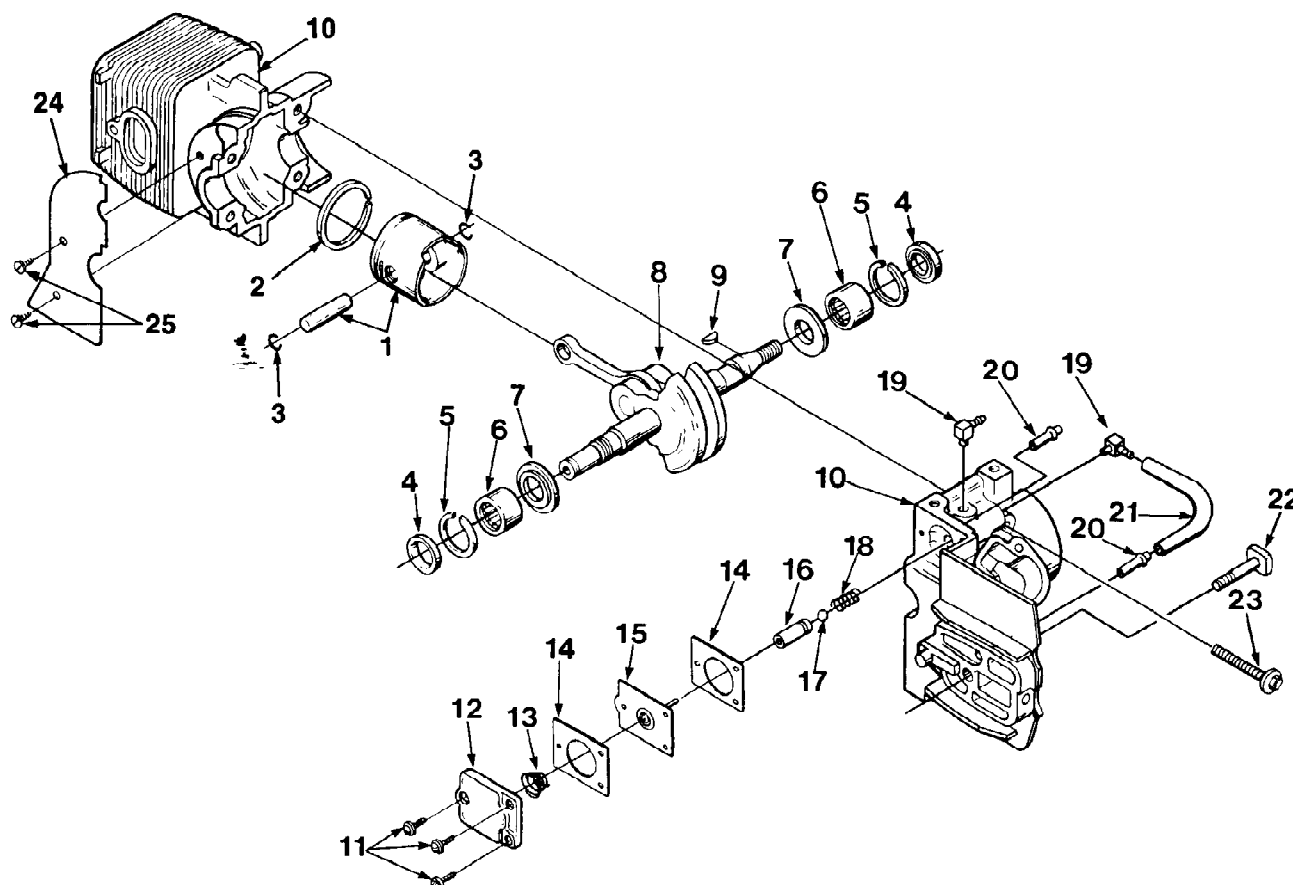
**XL****FIGURE 2**

| <u>No.</u> | <u>Description</u>                  | <u>Part No.</u> | <u>Qty.</u> | <u>No.</u> | <u>Description</u>                 | <u>Part No.</u> | <u>Qty.</u> |
|------------|-------------------------------------|-----------------|-------------|------------|------------------------------------|-----------------|-------------|
|            | MUFFLER- Complete                   | A-94051-B       | 1           | 30         | SPARK PLUG- Champion DJ-7J         | 68616-S         | 1           |
|            | Includes:                           |                 |             | 31         | SPROCKET & DRUM (Standard)         |                 |             |
| 1          | BODY- Muffler                       | 93986           | 1           |            | (6t 37 & 375 chain)                | A-95653-A       | 1           |
| 2          | CAP- Muffler (W/shield)             | A-95428         | 1           |            | SPROCKET & DRUM (Early models)     |                 |             |
|            | SPARK ARRESTOR                      | A-94139         | 1           |            | (9t 25 pitch)                      | A-69587-A       | 1           |
|            | Includes                            |                 |             |            | Includes                           |                 |             |
| 3          | SCREW                               | 82320           | 1           | 32         | BEARING- Needle                    | 68512           | 1           |
| 4          | SPACER (Short)                      | 93989           | 1           | 33         | NUT- Locking (5/16-24) (Note 3)    | 81112           | 1           |
| 5          | SCREEN- Spark arrestor              | D-93991         | 1           | 34         | WASHER- Thrust (Clutch)            | 95299           | 2           |
| 6          | SPACER (Long)                       | 93990           | 1           | 35         | CLUTCH- "S"                        | A-70351-A       | 1           |
| 7          | SCREW- #4 x .250 (note 5)           | 82342           | 3           | 36         | PIN- Adjusting (See insert)        | 69254-1A        | 1           |
| 8          | TERMINAL- Spark plug                | A-33055         | 1           | 37         | SCREW- Adjusting (Fil hd 8-32 x 1) |                 |             |
| 9          | LEAD- High tension (Note 1)         | 69326           | 1           |            | (See insert)                       | 80220-2         | 1           |
| 10         | CORE- Coil (Point ignition)         | 69324           | 1           | 38         | ROTOR & STARTER PAWL               |                 |             |
| 11         | LEAD- Stop switch (point ignition)  | A-95051         | 1           |            | (Solid State) (Phelon)             | A-95007         | 1           |
| 12         | COIL- Ignition (Point ignition)     | 69323           | 1           |            | ROTOR & STARTER PAWL               |                 |             |
|            | RETAINER- Coil (Point ignition)     |                 |             |            | (Point ignition) (Phelon)          | A-69297-C       | 1           |
|            | (Not shown)                         | 69325           | 1           |            | Includes                           |                 |             |
| 13         | POINT SET- Breaker (Point ignition) | A-69336         | 1           | 39         | KIT- Starter pawl (Note 4)         | A-70285-D       | 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)         | 69247           | 1           | 42         | WASHER- Flat                       | 84065           | 1           |
| 16         | SCREW- Point set (Point ignition)   | 88026           | 2           |            |                                    |                 |             |
| 17         | FILTER- Air                         | 69141           | 1           |            |                                    |                 |             |
| 18         | SCREW- Hex hd (10-32 x 2 1/4)       | 80481           | 2           |            |                                    |                 |             |
| 19         | WASHER- Lock #10                    | 83006           | 2           |            |                                    |                 |             |
| 20         | RETAINER- Air filter                | 69457           | 1           |            |                                    |                 |             |
| 21         | CUP- Air filter                     | 69148           | 1           |            |                                    |                 |             |
| 22         | CARBURETOR- HDC-65 (Walbro)         | A-94649-A       | 1           |            |                                    |                 |             |
|            | CARBURETOR- ZAMA (C2S-h5)           | A-96481         | 1           |            |                                    |                 |             |
| 23         | GASKET- Carburetor                  | 65016           | 1           |            |                                    |                 |             |
| 24         | MANIFOLD- Intake                    | A-69373-B       | 1           |            |                                    |                 |             |
| 25         | GASKET- Intake manifold             | 69143           | 1           |            |                                    |                 |             |
| 26         | LEAD- Ground (Solid state)          | A-94721         | 1           |            |                                    |                 |             |
| 27         | SCREW- Hex washer (8-32 x 3/4)      | 82248           | 2           |            |                                    |                 |             |
| 28         | MODULE- Ignition (Solid State)      | 94711           | 1           |            |                                    |                 |             |
|            | MODULE- Ignition (Alternate source) | 94711-1         | 1           |            |                                    |                 |             |
|            | Includes                            |                 |             |            |                                    |                 |             |
|            | LEAD- High tension                  |                 |             |            |                                    |                 |             |
|            | (See index #9)                      | 69326           | 1           |            |                                    |                 |             |
| 29         | TERMINAL- Spark plug                |                 |             |            |                                    |                 |             |
|            | (Solid State) (Note 2)              |                 | 1           |            |                                    |                 |             |

**NOTE 1:** For solid state ignition cut wire to 6 1/2".**NOTE 2:** Use A-33055 for service replacement.**NOTE 3:** Retaining ring, 93972 must never be reused once it has been removed. 93972 is required for crankshaft without threaded clutch ends.**NOTE 4:** Replacements starter pawl kit, item #39 includes an oversized pin. Paint, stamp or mark to identify oversized pin when installing. Oversized pin can be installed tightly only once. If oversized pin is removed, the entire rotor assembly must be replaced.**NOTE 5:** Units with separate shield requires index #7 screws. All new muffler caps A-95428 includes a shield welded to cap.

# XL

**FIGURE 3**



**FIGURE 3**

| No. | Description                        | Part No.  | Qty. | No. | Description                   | Part No.  | Qty. |
|-----|------------------------------------|-----------|------|-----|-------------------------------|-----------|------|
| 1   | PISTON & PIN                       | A-69393   | 1    |     | Includes                      |           |      |
|     | Includes                           |           |      | 11  | SCREW- Pan hd (6-32 x 3/8)    | 80571     | 3    |
| 2   | PISTON RING (Note 1)               | 69312     | 1    | 12  | COVER- Oil pump               | 69224-1C  | 1    |
| 3   | RING- Piston pin retaining         | 65261     | 2    | 13  | SPRING- Oil pump              | 69447     | 1    |
| 4   | SEAL                               | 94638     | 2    | 14  | GASKET- Oil pump              | 69244-1   | 2    |
| 5   | SPACER- Seal                       | 69407     | 2    | 15  | PLUNGER- Oil pump             | A-12356-B | 1    |
| 6   | BEARING- Needle                    | 12530     | 2    | 16  | BODY- Oil pump                | 69343-1   | 1    |
|     | BEARING- Needle (Alternate source) | 68513     | 2    | 17  | BALL- Check valve             | 60051     | 1    |
| 7   | WASHER- Thrust                     | 69093-B   | 2    | 18  | SPRING- Check valve           | 68570     | 1    |
| 8   | CRANKSHAFT (Solid State)           | A-94992   | 1    | 19  | FITTING- Oil line             | 70204     | 2    |
|     | CRANKSHAFT (Point ignition)        | A-96385   | 1    | 20  | FITTING- Tube                 | 69833     | 2    |
|     | Includes                           |           |      | 21  | LINE- Oil                     | 70161     | 1    |
|     | NUT— (Not shown)                   | 81112     | 1    | 22  | BOLT- Guide bar               | 69195     | 1    |
| 9   | KEY- Magneto                       | 69250     | 1    | 23  | SCREW- Sems hex hd (8-32 x 1) | 88044     | 4    |
| 10  | CYLINDER & CRANKCASE               |           |      | 24  | SHIELD- Sawdust               | 69094     | 1    |
|     | (Solid State)                      | A-95071-A | 1    | 25  | SCREW- Tap pan hd             | 93932     | 2    |
|     | CYLINDER & CRANKCASE               |           |      |     |                               |           |      |
|     | (Point ignition)                   | A-69421-B | 1    |     |                               |           |      |

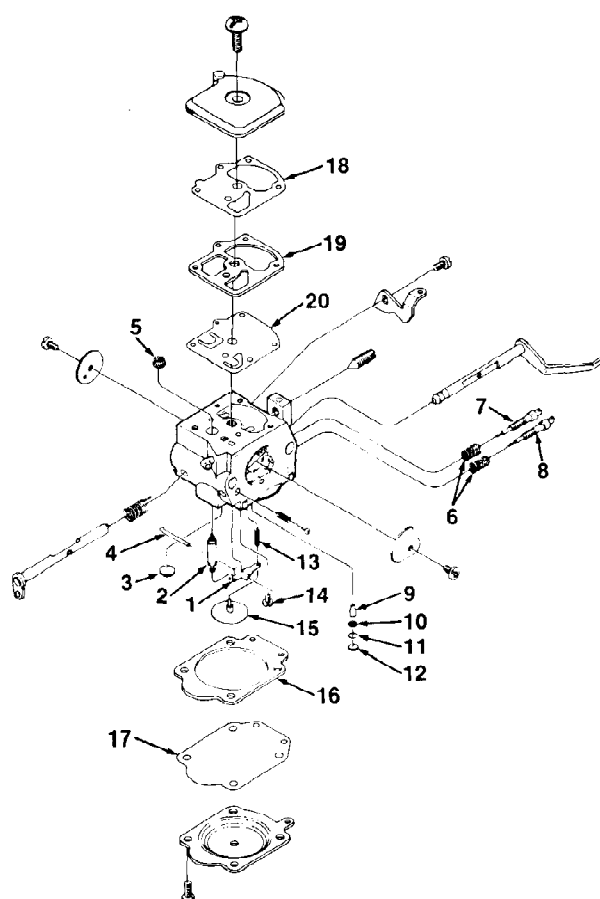
**NOTE 1: Use 96935 piston ring for units with pinless piston.**

**XL**

**FIGURE 4**

**ZAMA  
CARBURETOR  
C2S-H5**

**A-96481**

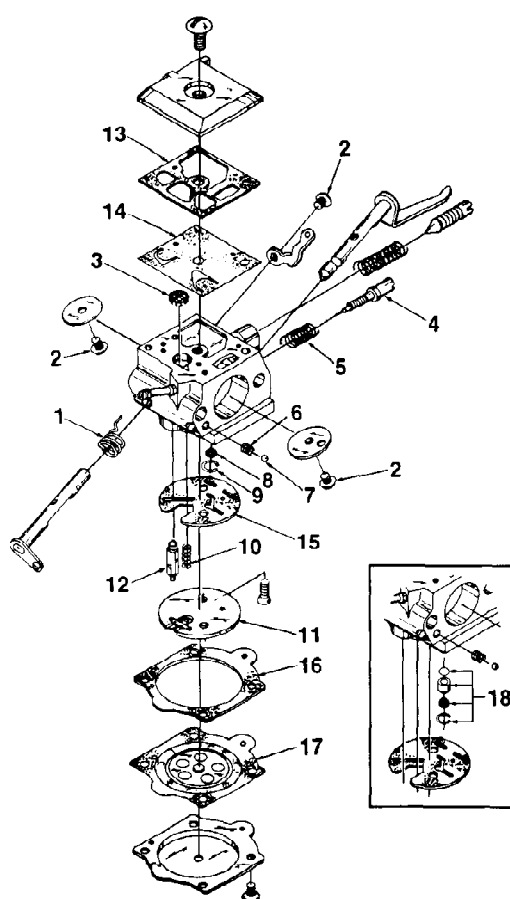


| <u>NO.</u> | <u>DESCRIPTION</u>           |
|------------|------------------------------|
| 96484      | Repair Kit (1-20)            |
| 96485      | Gasket/Diaphragm set (16-20) |

**FIGURE 5**

**WALBRO  
CARBURETOR  
HDC-65**

**A-94649-A**



| <u>NO.</u> | <u>DESCRIPTION</u>                    |
|------------|---------------------------------------|
| 94056      | Repair Kit (Includes 1-17)            |
| 94701      | Gasket/Diaphragm set (Includes 13-17) |
| 93910-A    | Check valve repair kit (18)           |
| 64229      | Inlet Needle (#12)                    |

## ACCESSORIES

| <u>DESCRIPTION</u>                                                       | <u>NO.</u> |
|--------------------------------------------------------------------------|------------|
| GASKET- Oil pump body (Repair)                                           | 69596      |
| KIT- Repair (Sprocket nose bar)<br>(37 & 375 chain)                      | A-70239-D  |
| KIT- Spark arrestor (used with A-93686<br>muffler and A-69253-1 muffler) | A-69586-B  |
| TUBING- Rubber (10 ft. length) fuel                                      | 70310-99   |
| TUBING- Rubber (10 ft. length) oil                                       | 70309-99   |
| SAFE•T•TIP (Standard on unit)                                            | DA-70776-A |
| Includes:                                                                |            |
| SCREW (Special)                                                          | 93695      |
| GREASE- Multi-use<br>(Sprocket bearing- PT guide bar)                    | 17193      |
| CARRYING CASE                                                            | 94215-A    |
| STARTING ROPE- 250 ft. reel #4                                           | 68848-1    |

## TOOLS

| <u>DESCRIPTION</u>                                         | <u>NO.</u> |
|------------------------------------------------------------|------------|
| SILASTIC- (Crankcase sealing)                              | 24823      |
| PLIERS- Tru-Arc<br>(Sprocket retaining ring)               | 17198      |
| 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-93791    |
| Includes:                                                  |            |
| PIN- Clutch spanner (2)                                    | 23717-A    |
| TOOL- Carburetor check valve<br>Installation (Walbro only) | 24972      |
| SHIM- .015 (Air gap)                                       | 22486      |
| WRENCH- Combination                                        | D-24814    |

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