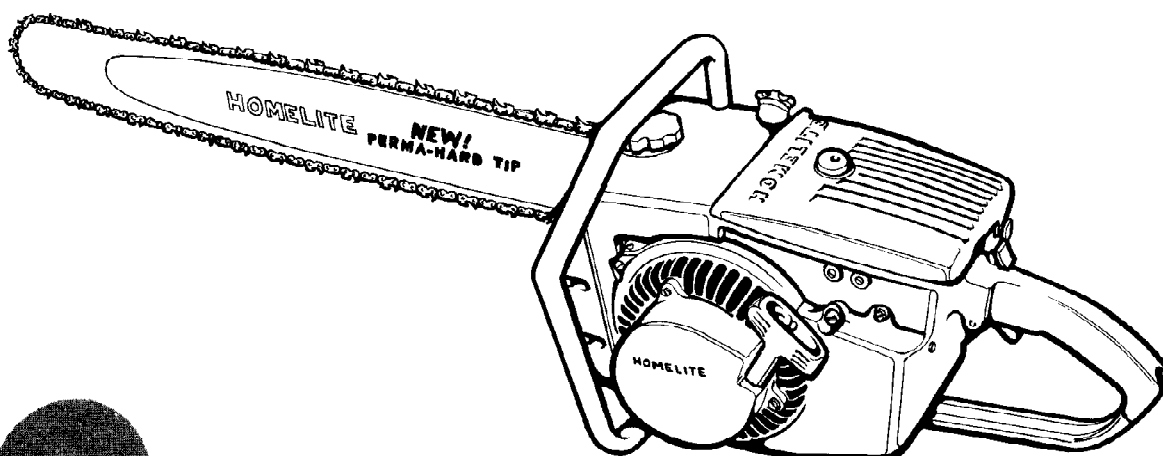


PRICE .25

# HOMELITE

## *Chain Saw*



# C-52

## PARTS LIST

# HOMELITE **C-52** CHAIN SAW

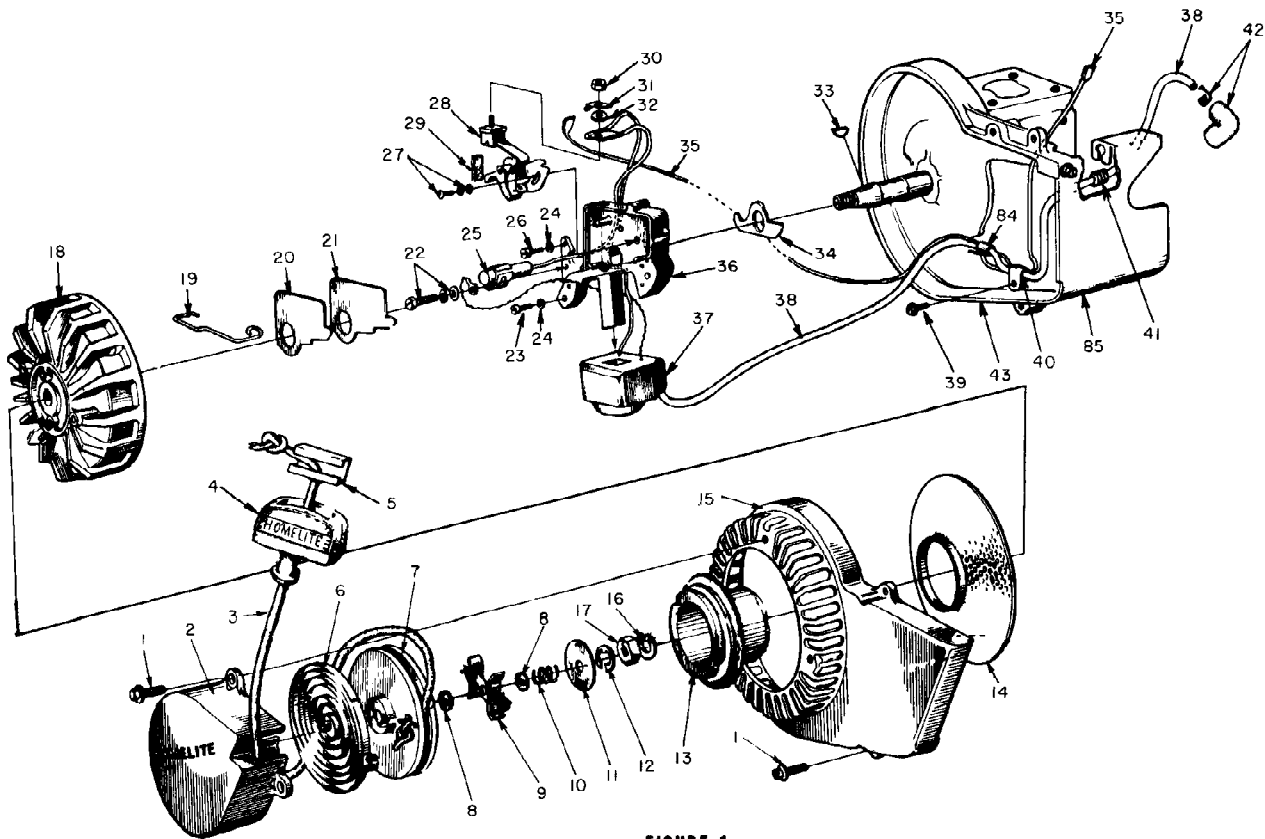


FIGURE 1

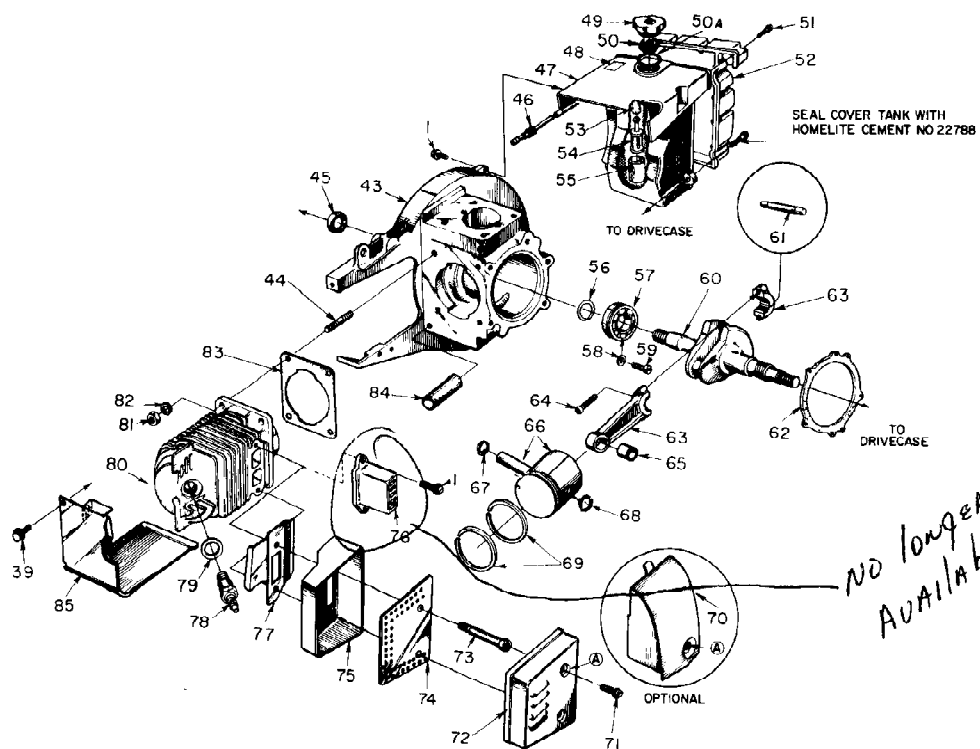


FIGURE 2

**HOMELITE C-52 CHAIN SAW**

| No. | Description                            | Part No.   | Qty. | No. | Description                             | Part No.           | Qty. |
|-----|----------------------------------------|------------|------|-----|-----------------------------------------|--------------------|------|
| 1   | SCREW - hex hd., 12-24 x 3/4           | 80867      | 13   | 44  | Includes: STUD                          | 55871              | 4    |
|     | STARTER ASSEMBLY (complete)            | A-58384-1A | 1    | 45  | SEAL                                    | 58308-A            | 1    |
| 2   | Includes: COVER - pulley w/2 roll pins | A-58502-1  | 1    | 46  | FITTING - fuel outlet                   | 58384              | 1    |
| 3   | ROPE - starter                         | 55898      | 1    | 47  | TANK - fuel                             | 58172-A1           | 1    |
| 4   | GRIP - rope                            | 55937      | 1    | 48  | DECAL - caution                         | 64144              | 1    |
| 5   | INSERT - rope retaining                | 58517      | 1    | 49  | CAP - tank                              | A-63741            | 1    |
| 6   | SPRING - rewind                        | 56451-1    | 1    | 50  | Includes: VALVE - relief                | 56865-1            | 1    |
| 7   | PULLEY - starter                       | 56452      | 1    | 50A | GASKET - fuel filter cap                | 58957              | 1    |
| 8   | WASHER - brake                         | 58970      | 2    | 51  | SCREW - rd hd., #6 x 1/2                | 80513              | 15   |
| 9   | FRICTION SHOE ASSEMBLY                 | A-57647    | 1    | 52  | COVER - tank                            | 58173-1            | 1    |
| 10  | SPRING - brake                         | 56455      | 1    |     | GASKET - fuel tank cover                |                    |      |
| 11  | WASHER - brake retainer                | 76436      | 1    |     | (optional - not shown)                  | 58367              | 1    |
| 12  | RING - retaining                       | 90618      | 1    | 53  | LINE - oil (flexible)                   | 58806              | 1    |
| 13  | CUP - starter                          | 58920-1    | 1    | 54  | FILTER ASSEMBLY                         | A-59251            | 1    |
| 14  | SCREEN - rotary                        | 58294      | 1    | 55  | Includes: FILTER                        | 59253-1            | 1    |
| 15  | HOUSING - fan                          | 59094-1    | 1    | 56  | RING - retaining                        | 58319-A            | 1    |
| 16  | WASHER - flat, 7/16                    | 84047      | 1    | 57  | BEARING - ball                          | 58190-S            | 1    |
| 17  | NUT - hex hd., 7/16-20                 | 81104      | 1    | 58  | WASHER - lock                           | 83061              | 2    |
| 18  | ROTOR                                  | 57568-B    | 1    | 59  | SCREW - bearing retainer                | 19238-3            | 2    |
| 19  | CLAMP - dust cover                     | 55980      | 1    | *60 | CRANKSHAFT                              | 59260-3            | 1    |
| 20  | COVER - dust                           | 55979      | 1    | 61  | ROLLERS - set of 27                     | A-65615            | 1    |
| 21  | GASKET - dust cover                    | 55978-2    | 1    | 62  | GASKET - crankcase                      | 63356              | 1    |
| 22  | SCREW GROUP - condenser                | 57750      | 1    | 63  | ROD - connecting                        | A-59463            | 1    |
| 23  | SCREW - fil hd., 10-24 x 7/8           | 80660      | 2    | 64  | Includes: SCREW                         | 80805              | 2    |
| 24  | WASHER - lock, #10                     | 83046      | 3    | 65  | BEARING - needle                        | 59351              | 1    |
| 25  | CONDENSER - w/terminal                 | 55987      | 1    | 66  | PISTON & PIN                            | A-58328-B          | 1    |
| 26  | SCREW - fil hd., 10-24 x 1/2           | 80595      | 1    | 67  | Includes: RING - retaining              | 55095              | 1    |
| 27  | SCREW GROUP - point                    | 57749      | 1    | 68  | RING - retaining                        | 64742              | 1    |
| 28  | BREAKER POINTS (set)                   | A-58165    | 1    | 69  | RING - piston                           | 55038              | 2    |
| 29  | Includes: WICK - felt                  | 55984      | 1    | 70  | EXCHANGER - heat (optional) ❶           | 59279              | 1    |
| 30  | NUT - terminal                         | 55982      | 1    | 71  | SCREW - hex hd., 12-24 x 3/8 (optional) | 80837              | 2    |
| 31  | TAB - ground                           | 57733      | 1    | 72  | CAP - muffler (optional)                | 58425-A            | 1    |
| 32  | WASHER - terminal                      | 55983      | 1    | 73  | STUD - muffler (optional)               | 59337              | 2    |
| 33  | KFY - rotor                            | 75078      | 1    | 74  | BAFFLE - muffler (optional)             | 58423-A            | 1    |
| 34  | WASHER - sealing mounting              | 56292-A    | 1    | 75  | BODY - muffler (optional)               | A-58419            | 1    |
| 35  | LEAD - ground w/terminals              | A-58321    | 1    | 76  | MUFFLER                                 | <del>58184-1</del> | 1    |
| 36  | BOX - breaker w/core                   | 57744      | 1    | 77  | DEFLECTOR - air (optional) ❶            | 58639              | 1    |
| 37  | COIL - w/ground terminal               | 55986-A    | 1    | 78  | SPARK PLUG                              | 40190-S            | 1    |
| 38  | LEAD - high tension                    | 58382      | 1    | 79  | Includes: GASKET                        | 25038              | 1    |
| 39  | SCREW - hex hd., 10-24 x 3/8           | 80869-1    | 3    | 80  | CYLINDER - 2" bore                      | 58174-2            | 1    |
| 40  | CLAMP - lead                           | 56014      | 1    | 81  | NUT - hex, 1/4-28                       | 81065-2            | 4    |
| 41  | GROMMET                                | 60929      | 1    | 82  | WASHER - lock, 1/4                      | 83009              | 4    |
| 42  | TERMINAL - spark plug                  | A-55373-A  | 1    | 83  | GASKET - cylinder                       | 58292              | 1    |
| 43  | CRANKCASE                              | A-58317-B1 | 1    | 84  | SLEEVE                                  | 55290              | 1    |
|     |                                        |            |      | 85  | SHIELD - cylinder                       | A-59919-1          | 1    |

\*Denotes new part.

❶ When HEAT EXCHANGER is installed, remove AIR DEFLECTOR.

**SPECIAL TOOLS available on order**

|         |                             |             |                               |
|---------|-----------------------------|-------------|-------------------------------|
| A-22808 | COMBINATION WRENCH          | 23693       | SLEEVE - shaft (drive case)   |
| A-23809 | PLUG - needle bearing       | 23876       | PLUG - bearing                |
|         | (conn. rod)                 | 23139       | TOOL - clutch drum bearing    |
| 23528   | WRENCH - socket screw       | A-23696     | REMOVER - spider, sun gear    |
|         | (conn. rod)                 | 23678       | TOOL - starter bearing        |
| 22828   | PLIERS - snap ring (piston) | A-23679     | REMOVER - starter bearing     |
| A-22560 | REMOVER - rotor             | -           | BEARING PULLER - clutch       |
| 23136   | BODY - assembly             |             | drum                          |
| 22820-2 | ADAPTER - main bearing      |             | (#A-78 Snap-On or equivalent) |
| A-23672 | JACKSCREW                   | A-23951     | PLUG - Piston Pin             |
| 23670   | PLATE - shaft aligning      |             |                               |
| 23233-1 | PLUG - seal assembly        | <u>PAIN</u> |                               |
| 23671   | PLUG - drive case seal      | 23318       | SPRAY CAN - blue              |

REPLACEMENT DECAL #23742 composed of  
 "DIRECT DRIVE", "GEAR DRIVE", "STARTING  
 INSTRUCTIONS" and two "HOMELITE" (letters  
 1/2" and 1/4" high).

# HOMELITE **C-52** CHAIN SAW

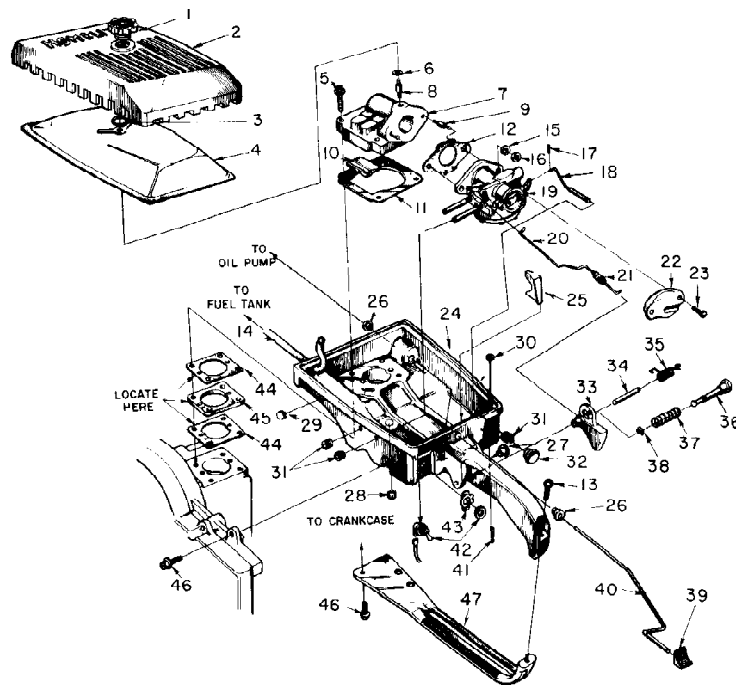


FIGURE 3

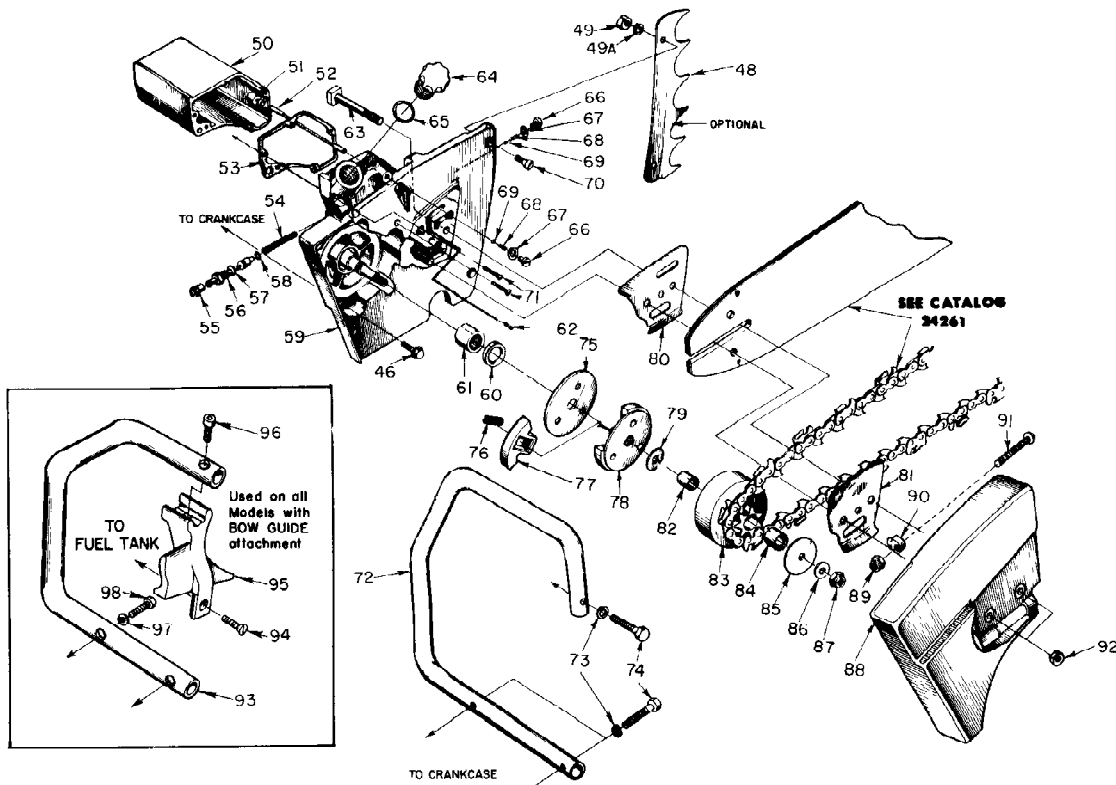


FIGURE 4

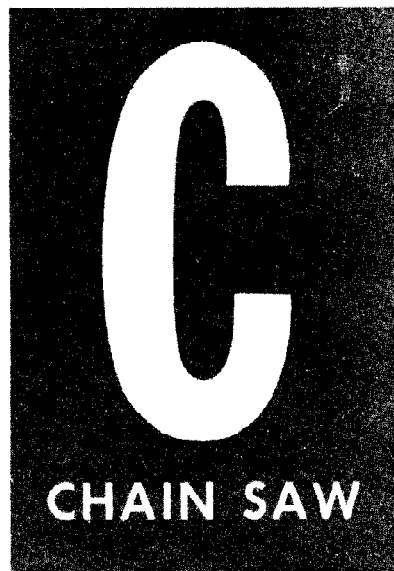
**HOMELITE C-52 CHAIN SAW**

| No. | Description                                | Part No.  | Qty. | No. | Description                          | Part No.   | Qty. |
|-----|--------------------------------------------|-----------|------|-----|--------------------------------------|------------|------|
| 1   | NUT - cover                                | A-59229   | 1    | 53  | GASKET - reservoir                   | 58342      | 1    |
| 2   | COVER - air filter                         | 59230-1   | 1    | 54  | SPRING - plunger                     | 59293      | 1    |
| 3   | RING - retaining                           | 58319-A   | 1    | 55  | CONNECTOR - oil pump                 | 58337-A    | 1    |
| 4   | ELEMENT - air filter                       | 63728     | 1    | 56  | PLUNGER - oil pump                   | A-57834-10 | 1    |
| 5   | SCREW - hex hd., 12-24 x 1 1/2             | 80868     | 4    | 57  | Includes: "O" RING                   | 59074      | 1    |
| 6   | GASKET - stud                              | 58392     | 1    | 58  | "O" RING                             | 74388      | 1    |
| 7   | ELBOW - reed                               | A-59490   | 1    | 59  | DRIVECASE                            | A-59493-A1 | 1    |
| 8   | Includes: STUD - cover                     | 58361     | 1    | 60  | Includes: SEAL                       | 56256-A    | 1    |
| 9   | STUD - carburetor                          | 27464     | 2    | 61  | BEARING - needle                     | 63043      | 1    |
| 10  | FILLER BLOCK                               | 58933     | 1    | 62  | PLUG                                 | 59621      | 1    |
| 11  | GASKET - elbow                             | 58344     | 1    | 63  | BOLT - guide bar                     | 58334      | 2    |
| 12  | GASKET - carburetor                        | 55553-3   | 1    |     | TUBE - oil line (not shown)          | 59023      | 1    |
| 13  | SCREW - hex hd., 12-24 x 1                 | 80864     | 1    | 64  | CAP - oil filler ①                   | A-64310    | 1    |
| 14  | LINE - fuel                                | 55680     | 1    |     | w/Bow Guide (optional)               | A-56580-1  | 1    |
| 15  | WASHER - lock, 1/4                         | 83009     | 2    | 65  | Includes: GASKET                     | 56607      | 1    |
| 16  | NUT - hex, 1/4-20                          | 81013-1   | 2    |     | VALVE - vent (not shown)             | 63718      | 1    |
| 17  | COTTER PIN - 1/32 x 1/2                    | 86324     | 1    | 66  | CAP - check valve                    | 58339      | 3    |
| 18  | ROD - choke                                | A-58354   | 1    | 67  | GASKET                               | 58338      | 2    |
| 19  | CARBURETOR                                 | A-59427-A | 1    | 68  | SPRING - check valve                 | 59022      | 2    |
| 20  | ROD - throttle                             | 59338     | 1    | 69  | BALL - check                         | 25527      | 2    |
| 21  | ROD - rod                                  | 58348     | 1    | 70  | SCREW - flat hd., 1/4-20 x 3/4       |            |      |
| 22  | DEFLECTOR - carburetor (optional)          | 58837-2   | 1    |     | Included in index #48                | 80053      | 2    |
| 23  | SCREW - pan hd., 10-32 x 1/2 (optional)    | 80625     | 2    | 71  | SCREW - rd hd., 6 x 3/4              | 80790      | 5    |
| 24  | HANDLE - throttle                          | A-63665   | 1    | 72  | HANDLE BAR - flush cut               | A-58379-2  | 1    |
| 25  | Includes: STOP - reed                      | 58930     | 1    |     | Optional wrap around                 | A-58398    | 1    |
| 26  | BUSHING - rod                              | 58929     | 2    |     | flush cut (reversible bow only)      | A-64727    | 1    |
| 27  | BUSHING - lock pin                         | 59064     | 1    | 73  | WASHER - lock, 5/16                  | 83003      | 3    |
| 28  | PLUG - button                              | A-64744   | 1    | 74  | SCREW - hex hd., 5/16-18 x 1 1/2     | 80087      | 3    |
|     | Includes: "O" RING                         | 59765     | 1    | 75  | COVER - clutch                       | 63051      | 1    |
| 29  | PLUG - button                              | 64607     | 1    | 76  | SPRING - clutch                      | 65842      | 3    |
| 30  | WASHER - felt                              | 63290     | 1    | 77  | SHOE - clutch                        | 64569      | 3    |
| 31  | GROMMET                                    | 58362     | 3    | 78  | PLATE - clutch                       | 63053-1    | 1    |
| 32  | BUTTON - rod                               | 57289-1   | 1    | 79  | WASHER - thrust (inner)              | 58833      | 1    |
| 33  | TRIGGER - throttle                         | 58181-A   | 1    | 80  | PLATE - guide bar (inner)            | 56871-A    | 1    |
| 34  | SHAFT - trigger                            | 58353     | 1    | 81  | PLATE - guide bar (outer)            | 56872-B    | 1    |
| 35  | SPRING - throttle                          | 58352-A   | 1    | 82  | RACE - inner                         | 55584      | 1    |
| 36  | PIN - throttle lock                        | 58404     | 1    | 83  | SPROCKET & DRUM ②                    |            |      |
| 37  | SPRING - lock                              | 58405     | 1    |     | Open Type - .404" pitch, 7 tooth ③   | A-59555    | 1    |
| 38  | RING - retaining                           | 58409     | 1    |     | Optional - 3/8" pitch, 7 tooth ③     | A-59552    | 1    |
| 39  | BUTTON - oil rod                           | 58357     | 1    |     | 3/8" pitch, 8 tooth                  | A-63346    | 1    |
| 40  | ROD - oil pump                             | 58356-B   | 1    | 84  | Includes: BEARING - needle           | 72311      | 1    |
| 41  | COTTER PIN - 1/16 x 1/2                    | 86301     | 1    |     | (Optional - not shown)               |            |      |
| 42  | SWITCH - toggle w/nut                      | A-57650-3 | 1    |     | DRUM & HUB - "splined" type sprocket | OM-10615   | 1    |
| 43  | PLATE - "On - Off"                         | 72085-A   | 1    |     | Includes: BEARING - needle           | 55664      | 1    |
| 44  | GASKET - spacer                            | 58343     | 2    |     | SPROCKET - splined                   |            |      |
| 45  | SPACER                                     | 58391     | 1    |     | RIM TYPE - 3/8" pitch, 7 tooth       | OM-68210   | 1    |
| 46  | SCREW - hex hd., 12-24 x 3/4               | 80867     | 8    |     | .404" pitch, 7 tooth                 | OM-10513   | 1    |
| 47  | BRACE - throttle handle                    | 58185-A1  | 1    | 85  | WASHER - thrust (outer)              | 55163-1    | 1    |
| 48  | KIT - spiked bumper (optional)             | A-58543   | 1    | 86  | WASHER - flat, 3/8                   | 84010-1    | 1    |
| 49  | Includes: NUT - hex hd., 1/4-20 (optional) | 81053     | 2    | 87  | NUT - hex, 3/8-24                    | 81192      | 1    |
| 49A | WASHER - lock, 1/4 (optional)              | 83009     | 2    | 88  | COVER - drivecase                    | A-58378-1  | 1    |
| 50  | RESERVOIR - oil                            | A-58341   | 1    | 89  | Includes: NUT - 5/16-18              | 81123      | 1    |
|     | Includes: COTTER PIN (not shown)           | 86301     | 1    | 90  | PIN - adjusting                      | 55613-1    | 1    |
| 51  | FILTER - oil                               | A-58828   | 1    | 91  | SCREW - pin                          | 80617      | 1    |
| 52  | LINE - oil filter                          | 58340-B   | 1    | 92  | NUT - hex, 3/8-16                    | 81089-2    | 2    |
|     |                                            |           |      |     | Required with BOW GUIDE              |            |      |
|     |                                            |           |      | 93  | HANDLE BAR - flush cut               | A-58719    | 1    |
|     |                                            |           |      | 94  | SCREW - socket, 5/16-18 x 7/8        | 80886      | 1    |
|     |                                            |           |      | 95  | BRACKET - handle                     | 58685-2    | 1    |
|     |                                            |           |      | 96  | SCREW - socket, 5/16-18 x 1          | 80308      | 1    |
|     |                                            |           |      | 97  | WASHER - lock, 5/16                  | 83003      | 2    |
|     |                                            |           |      | 98  | SCREW - hex, 5/16-18 x 1 1/2         | 80087      | 2    |
|     |                                            |           |      |     | GUARD - chain (not shown)            | 58684      | 1    |

① BOW GUIDE requires A-56580-1 CAP.

② Check type and number of teeth on sprocket before ordering.

③ Use 55163-1 WASHER with .404 pitch -- use 58926 WASHER with 3/8 pitch.



**HOMELITE**

A **textron** DIVISION • PORT CHESTER NEW YORK

