



## TO INFORM YOU

PRODUCT  
SUPPORT  
BULLETIN #

139

**TO:** Authorized Service Stations  
Branch Office/Service Centers  
Branch/Service Center Managers  
Regional Managers  
District Sales Managers

**DATE** December, 1985

**FROM:** Corbert A. Garb - Nation Service Manager

**TOOL(S)/PRODUCT(S) AFFECTED:** 6890 16 gauge Nibbler

**SUBJECT:** Service Notes

Shown on the reverse side are service notes and the grease/lubrication standard for the 6890 nibbler.

This bulletin is for informational purposes; please note on Service Parts List Bulletin 54-27-0640.

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# SERVICE PARTS LIST

**BULLETIN NO.**  
**54-27-0640**

| SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS |                              | REVISED BULLETIN                 | DATE     |
|--------------------------------------------------------|------------------------------|----------------------------------|----------|
| 16 GAUGE NIBBLER                                       |                              |                                  | July '85 |
| CATALOG NO. 6890                                       | STARTING SERIAL NO. 734-1001 | WIRING INSTRUCTION<br>58-01-0306 |          |

FIG 16, 6  
SNUG FIT BETWEEN BEARING HOLDER  
W/INT. INTERNAL BORE IN BEARING CASE  
B/4 ASSEMBLING INTO GEAR CASE  
PRE-LINE UP SCREW HOLE IN BEG. HOLDER  
and GEAR CASE

FIG 19

SQUARE EDGE OF RET RING  
FACES  
DIAPHRAGM

LUBRICATION -  
3/4 OZ TYPE "G"

1/4 OZ @ ECCENTRIC  
CAM HOLDER  
AREA

1/2 OZ @  
GEARS

FIG 20  
PRE-PLACE WASHER  
BELOW DRIVE GEAR  
B/4 INSTALLING  
INTERMEDIATE GEAR  
ASSEMBLY

FIG 14  
CHAMFER SIDE  
FACE FORWARD  
INTO CAM GUIDE

FIG 46  
TORQUE TO  
20-25 IN LBS

FIG 8  
PRE-ALINE  
SET SCREW  
WITH RECESS  
IN PUNCH &  
TIGHTEN -  
SET SCREW  
SHOULD BE  
SUB-FLUSH  
IN PISTON

| FIG. | PART NO.   | DESCRIPTION OF PART                  | NO. REQ. |
|------|------------|--------------------------------------|----------|
| 1    | 05-74-0300 | Socket Head Cap Screw                | (2)      |
| 2    | 05-90-0003 | Lockwasher                           | (2)      |
| 3    | 44-86-0450 | Retainer                             | (1)      |
| 4    | 48-44-0270 | Die                                  | (1)      |
| 5    | 43-72-0150 | Die Holder                           | (1)      |
| 6    | 28-14-1860 | Gear Case                            | (1)      |
| 7    | 48-44-0260 | Punch                                | (1)      |
| 8    | 05-86-0508 | Socket Set Screw                     | (1)      |
| 9    | 44-62-0170 | Piston                               | (1)      |
| 10   | 42-52-0310 | Metal Cap                            | (1)      |
| 11   | 05-81-0720 | Screw                                | (1)      |
| 12   | 42-50-0190 | Cam Guide                            | (1)      |
| 13   | 02-50-2460 | Needle Bearing                       | (1)      |
| 14   | 42-50-0200 | Cam Holder                           | (1)      |
| 15   | 43-16-0190 | Eccentric                            | (1)      |
| 16   | 43-72-0140 | Bearing Holder - Complete            | (1)      |
| 17   | 43-96-0140 | Square Key                           | (1)      |
| 18   | 32-30-0050 | Drive Gear                           | (1)      |
| 19   | 34-60-2355 | External Snap Ring                   | (1)      |
| 20   | 45-88-7925 | Thrust Washer                        | (2)      |
| 21   | 32-40-1960 | Intermediate Gear and Shaft Assembly | (1)      |
| 22   | 28-28-1790 | Diaphragm With Bushing               | (1)      |
| 23   | 02-04-0847 | Ball Bearing                         | (1)      |
| 24   | 16-07-0036 | 120V Armature (Includes Fig. No. 25) | (1)      |
| 25   | 22-84-0680 | Fan                                  | (1)      |
| 26   | 06-82-7410 | 8-16 x 1-7/8" Torx Plastite Screw    | (2)      |

| FIG. | PART NO.   | DESCRIPTION OF PART                         | NO. REQ. |
|------|------------|---------------------------------------------|----------|
| 27   | 18-07-0035 | 120V Field                                  | (1)      |
| 28   | 02-04-0850 | Ball Bearing                                | (1)      |
| 29   | 06-82-7270 | 8-16 x 5/8" Torx Plastite Screw             | (2)      |
| 30   | 31-15-0140 | Cover                                       | (1)      |
| 31   | 06-82-7270 | 8-16 x 5/8" Torx Plastite Screw             | (2)      |
| 32   | 31-17-0120 | Cord Clamp                                  | (1)      |
| 33   | 23-66-1170 | Switch                                      | (1)      |
| 34   | 06-95-0125 | Switch Terminal Screw                       | (2)      |
| 35   | 34-40-4015 | O-Ring                                      | (1)      |
| 36   | 42-38-0180 | Rubber Bumper                               | (2)      |
| 37   | 23-52-0240 | Brush Spring                                | (2)      |
| 38   | 22-20-0690 | Brush Holder                                | (2)      |
| 39   | 22-18-0710 | Carbon Brush Assembly                       | (2)      |
| 40   | 31-50-0310 | Motor Housing                               | (1)      |
| 41   | 06-72-0810 | Tapered Rivet                               | (1)      |
| 42   | 31-92-0225 | Trigger Paddle                              | (1)      |
| 43   | 12-79-5111 | Nameplate Blank                             | (1)      |
| 44   | 22-64-0215 | Cord Set                                    | (1)      |
| 45   | 44-76-0110 | Cord Protector                              | (1)      |
| 46   | 06-82-7382 | 8-16 x 1-5/8" Torx Taptite Screw (See Note) | (4)      |

## PARTS NOT SHOWN

|            |                     |     |
|------------|---------------------|-----|
| 49-96-4725 | Plate Wrench        | (1) |
| 49-96-0330 | 2.5 MM Allen Wrench | (1) |

## NOTES

Fig. 46 Torque to 20-25 In Lbs.  
Lubrication - 3/4 Oz. Of Type "G" Grease