



## TO INFORM YOU

### PRODUCT SUPPORT BULLETIN # 253

**TO:** AUTHORIZED *Portable Electric Tool* SERVICE STATIONS  
BRANCH OFFICE/SERVICE CENTERS  
BRANCH/SERVICE CENTER MANAGERS  
REGIONAL MANAGERS  
DISTRICT MANAGERS

**DATE** AUGUST, 1993

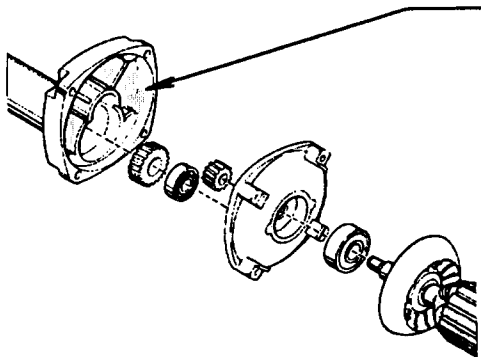
**FROM:** Corbert A. Garb - National Service Manager

**TOOL(S)\PRODUCT(S) AFFECTED:**

5196 2" (14,500 RPM) DIE GRINDER

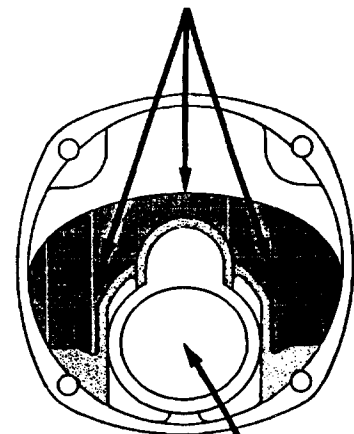
**SUBJECT:** ARMATURE PINION GEAR \ SPINDLE GEAR WEAR-OUT

THE HIGH RPM'S IN A 5196 DIE GRINDER, CAN CAUSE THE "D" GREASE IN THE GEAR CAVITY OF THE GEAR CASE TO MOVE AWAY FROM THE GEARING.



ADDING TYPE "B" GREASE (49-08-0900) TO FORM A WALL OF GREASE ALONG THE GEAR CAVITY WALL, FORMING A GASKET TO KEEP THE "D" GREASE IN THE CAVITY (*see illustrations*), WILL REDUCE THE PROBLEM OF GREASE MIGRATION AND ARMATURE PINION & SPINDLE GEAR WEAR-OUT.

GEAR CAVITY WALL  
2oz TYPE "B" GREASE



GEAR CAVITY  
0.5oz TYPE "D" GREASE

This bulletin is for informational purposes. PLEASE NOTE ON SERVICE PARTS LIST 54-22-1040 & -1041.