

# MSD INSTALLATION INSTRUCTIONS

## MSD APS Starter Pinion Assembly PN 5089

### Parts Included:

1 - Pinion Assembly

1 - Grease Pack

The pinion assembly of the APS starter is a slight press-fit into the mounting block. To replace it, it is recommended to heat the mounting block to install the new pinion assembly.

1. Remove the three bolts that hold the mounting block to the starter.
2. Pull the mounting block and pinion assembly out of the starter housing.
3. Gently tap the drive gear with a hammer to remove it from the mounting block (Figure 1).
4. To install the new pinion assembly, heat the mounting block at 250° for 15-minutes.
5. Apply the supplied grease to the internal gear and the mount of the pinion and install it to the mounting block. There is a slight press-fit, but the heating of the housing should be enough for the pinion to slide in easily. If needed, use a small press to install the pinion (Figure 2).
6. Install the mounting block and pinion assembly into the starter housing and install the three bolts.



Figure 1 Removing the Pinion Assembly.

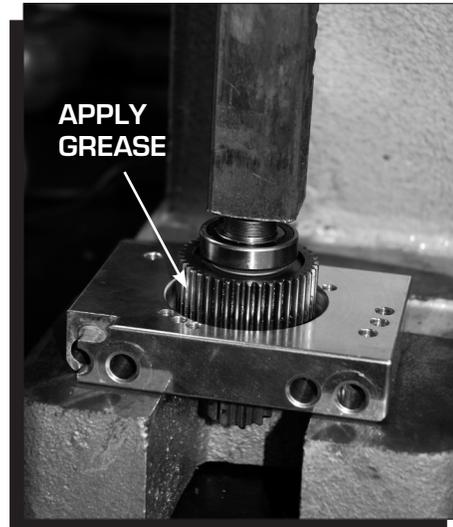


Figure 2 Installing the Pinion Assembly.

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