



All-Ignition Service Bulletin

Preventing Distributor Drive Gear Failure

Application: Intended for all Gear-type distributors

Symptom: Replacement distributors installed into replacement or remanufactured engines result in cam gear or distributor gear failure.

Cause: Mismatch between cam gear and distributor materials or wear patterns; Failure to prime the oil pump or lube the distributor gear.

Solution: Prime the oil pump using a drill with an attached intermediate shaft. Use drill in clockwise setting until oil pressure develops. Also, before installing the distributor, make sure to lubricate the gear with a coating of grease.

***IMPORTANT NOTES:**

- Check the play on the camshaft for proper spec
- Don't force crank engine or starter into place to position the gear teeth
- Make sure that the material of the distributor and cam gear match
- Ensure that after installation the up and down play of the distributor shaft is between .15 and .30

