

Driveline Angle Adjustment

NOTE: This procedure should only be used to correct the front u-joint operating angle, on vehicles equipped with a 8 cylinder engine and a 2 piece driveshaft.

1. Measure the operating angle of the front u-joint. For additional information, refer to [Driveline Angle Measurement](#) in this section.
 - If the front u-joint operating angle is greater than 2 degrees, the center bearing aluminum spacer will require a reduced thickness.
2. **NOTE:** The center support spacer thickness should never be reduced to less than 6mm. Reducing the spacer thickness less than 6mm will create a unwanted driveline whirl/droan condition.

Use the recorded measurement from step 1 and the chart below for selecting the correct spacer thickness. The **OEM** aluminum spacer is 10mm thick. The optimal measurement is 1.9 degrees.

Measured U-joint Angle	Required Spacer To Correct U-joint Angle Measurement
2.2 degrees	8mm (0.315 in.)
2.5 degrees	6mm (0.236 in.)

3. **NOTE:** Typical 3/8 inch flat washer dimensions should be approximately 25.42mm (1 in.) outside diameter, 11.18mm (.440 in.) Inside diameter, and 2mm (.0787 in.) thick.

Once the required spacer thickness has been determined, stack standard 3/8" flat washers approximately 2mm (.0787 in.) thick to create the desired thickness.

4. Using a suitable jack to support the driveshaft, remove and discard the 2 center bearing bolts and spacers.
 5. Install the selected washers from step 3 and the 2 new center bearing support bolts (W710432).
 - Tighten to 48 Nm (35 lb-ft).
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