

COMMON CARRIER BEARING PRELOAD SHIM THICKNESSES

Add this amount to pre-load the bearings after determining the 'zero pre-load' thickness of the carrier bearing shim pack with the correct backlash.

Dana 30	.015 in.
Dana 44 beam, F&R	.015 in.
Dana 44 ICA	.010 in.
Dana 60, 70, 80	.015 in.
Ford 7.5, 8.8, 9.75, 10.25, 10.50	.012 in.
GM 7.5, 7.63, 8.0, 8.2, 8.5, 8.6	.010 in.

DANA TIP – “Most people are reluctant to really crank on the pre-load adjusters with a differential that uses them. It’s very important to obtain good pre-load to avoid damage from high torque loads that cause ring gear deflection. It’s perfectly normal to have 150–200lbs-ft of torque on the side adjusters. Housings always deflect, so applying a heavy pre-load also pre-loads the housing, which also reduces the amount of gear deflection under load.”