



Technical Service Information

THM 4T60-E HIGH TORQUE GEAR SET FOR 3.4L CHEVROLET

CHANGE: A new "High Torque" gear set is used ONLY in the 3.4L Chevrolet Engine model (Code CWW) of the new THM 4T60-E transaxles.

REASON: Improved durability of the gear set behind 3.4L Chevrolet Engines.

PARTS AFFECTED:

(1) INPUT CARRIER - New input carrier needles, pinions, pinion shafts, washers and lube grooves added to the carrier to increase lubrication through the needles. There used to be a bronze and a steel washer on each side of each pinion. Now, there are two new steel washers on each side of the pinion that have three' scallops or lube openings to help increase lube flow thru the pinion needles. The identifier for the "High Torque" input carrier is a wide green band around the outside of the carrier (See Figure 1).

(2) REACTION CARRIER - New reaction carrier needles, pinions, pinion shafts, and lube grooves added to the carrier to increase lubrication through the needles. The lubrication flows into the lube groove slots in the carrier between the washer and the carrier, then through the needles. This helps get lubrication to the needles under high torque conditions. The identifier for the "High Torque" reaction carrier is a wide green band around outside of the carrier (See Figure 2).

(3) FINAL DRIVE CARRIER - New final drive carrier has phosphate coated pinions (Darker Black Color) to reduce spalling and pitting under high torque conditions. The identifier for the "High Torque" 3.06 ratio final drive carrier is a blue dot and pink dot located on the carrier by one of the pinions. (See Figure 3).

(4) FINAL DRIVE SUN GEAR ,-, New final drive sun gear has a phosphate coating (Darker Black Color) on it to reduce spalling and pitting under higher torque conditions. The only identification for the 3.06 ratio sun gear is the darker black phosphate coating (See Figure 3).

INTERCHANGEABILITY:

THE 3.4L CHEVROLET ENGINE MODELS (CWW), MUST USE THE HIGH TORQUE PARTS.

The high torque gear set parts will retrxt back to previous model. input and reaction carriers that have the wide input sprag and lube dam. The new 3.06 final drive carrier and sun gear will retro fit back ONLY to the 1988 model year.

SERVICE INFORMATION:

Input Carrier Assembly (High Torque)	8679000
Reaction Carrier Assembly (High Torque)	8679001
Final Drive Carrier (High Torque, 3.06 Ratio)	8651912
Final Drive Sun Gear (High Torque 3.06 Ratio)	8679567

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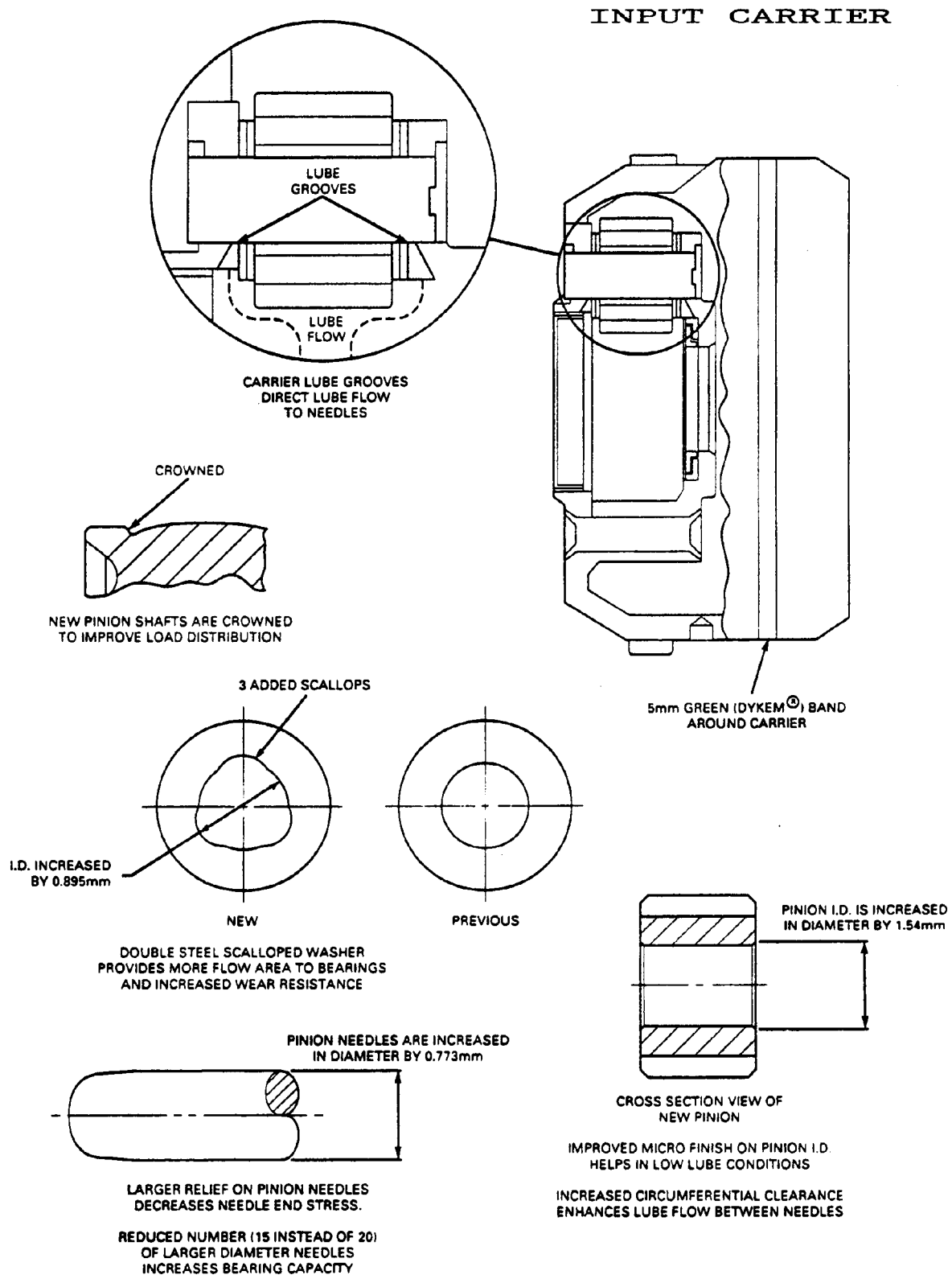


Figure 1

REACTION CARRIER

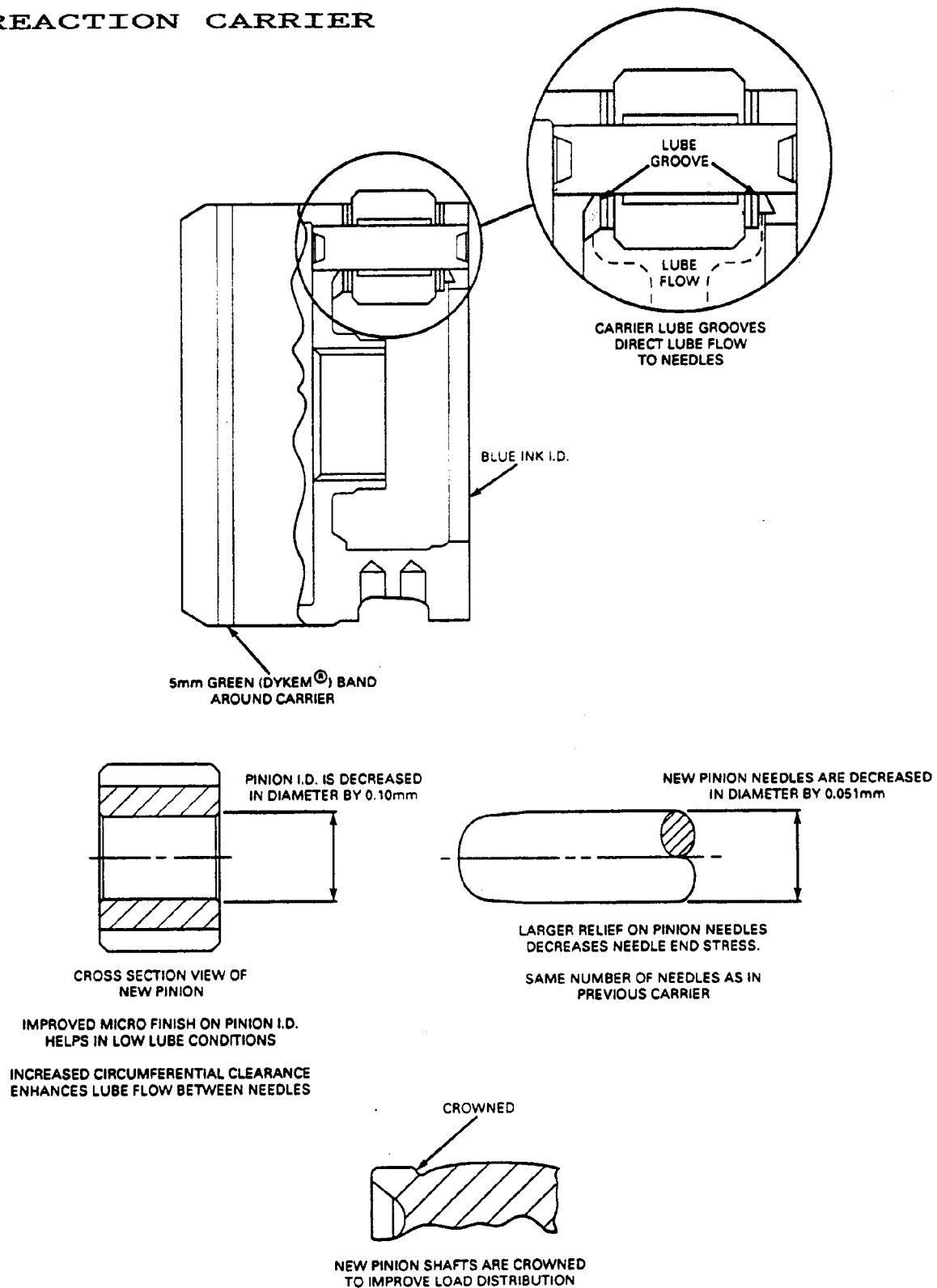


Figure 2

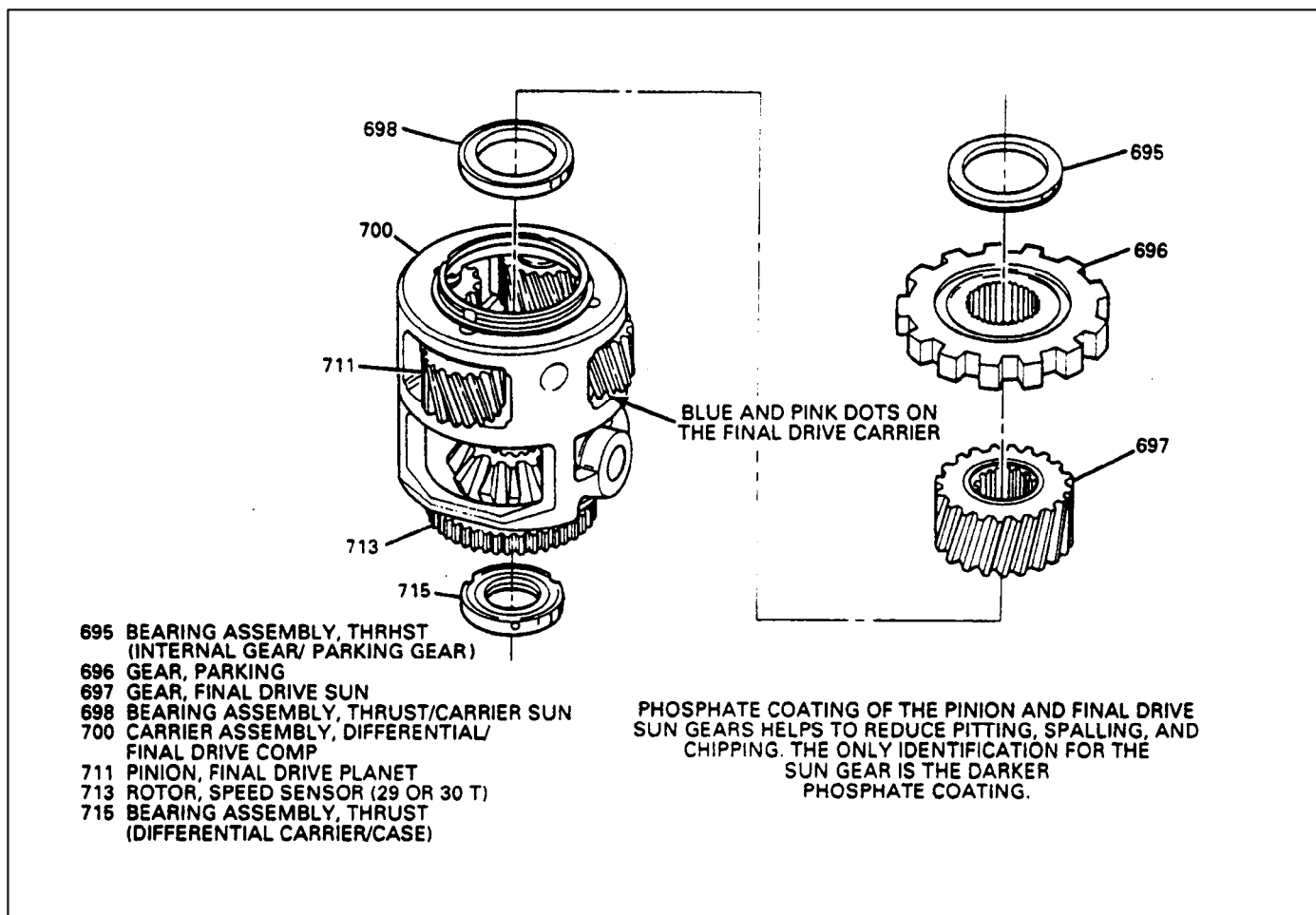


Figure 3