**Differential Ring Gear Clearance Gauge**

The Ring Gear Toe Clearance Gauge is available to check the 9”, 9-1/2” and 10” gear sets for clearance required for M-W 9” cases.

Designed to eliminate the trial and error method of forming the gear toe profile to clear the pilot bearing housing area. Clearancing the gear eliminates the error-prone practice of grinding the inside of the case, which almost always results in the case cracking while in-service. This gauge is a standard tool used by our professional differential assembly technicians.

P/N 57486 .................................................................$14.00

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**Gear Improvements**

**Supra-Fin Surface Improvement**

MW offers Supra-Fin surface finish improvement for ring and pinion sets. This fine micro finishing process reduces friction and eliminates the need for break-in procedures required to assure a long gear life. We exclusively protect the mounting and bearing surfaces so this process will not alter the installation fit.

SUPRA-FIN ..............................................................125.00

This surface improvement decreases the likelihood of cracks forming on the gear. Nearly all fatigue cracks begin at the surface of the part. By overlapping the dimples of the media, Shot-Peening creates a compression zone at the surface of the part. This layer acts as a barrier to crack propagation. The peening process provides a considerable increase in part life.

PEEN-02 Shot Peen Gear Set ...........................................95.00

**Sub Zero Treatment**

In addition to other gear improvement processes offered by Mark Williams, there is now sub zero process to improve gear wear characteristics. Cold treating a ring and pinion improves the metal crystal structure, decreasing the amount of retained austenite. This process can increase the gear life.

SUBZ Sub Zero Treatment ..............................................50.00

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**Torco Gear Oil**

Torco GL-6 Racing Gear oil has proven to be ideal for drag racing and oval track applications. SAE 85W-140 can be used when running a spool, posi-traction or open differentials. It provides superior adhesive strength and extreme anti-score protection. In addition, the Torco gear oil available from MW is specially blended to include the friction modifying additives required for most clutch type posi-traction units. Available by the quart or 12 quart case. Look for the MW logo on the label.

55-0030 Torco SAE 85-140 Gear Oil (1 qt) ................................12.00
55-0040 Torco SAE 85-140 Gear Oil (12 qts) .............................138.00

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**Ring and Pinion Set-Up Videos**

MW offers two educational installation videos. The MW video explains in step-by-step detail the set-up of a MW 9” aluminum center section. The Richmond Gear video is designed for basic ring and pinion gear set-ups. The Richmond video explains gear terminology and basic setup procedures for popular passenger car rear ends including 9” Ford, 10/12 Bolt Chevrolet, Dana 60 and 8 3/4” Mopar. Both videos are a must for rear end set-ups

629-0000 Richmond Gear DVD Video ..................................26.00
10098 MW 9” Ford Assembly DVD Video ..............................25.00