

DIFFERENTIAL ASSEMBLY TOOLS

One of the handiest shop tools is the M/W Bench Mule. The "Mule" is a very sturdy and versatile fixture capable of holding differentials, transmissions, cylinder heads, etc. for assembly. Being able to securely position your work is essential. With two axis adjustment and heavy duty steel construction the MW Bench Mule makes tough jobs much easier to handle. The standard arms will easily hold a thirdmember or transmission and can even hold a full size 12 bolt housing. Optional attachments include short arms for cylinder head assembly work. The 670 Spool holding attachment bolts to the vise arms to hold either a 35 or 40 spline spool while tightening the ring gear bolts. Another option is to utilize a regular bench vise and the 57492 Spool holder with both 35 and 40 tooth splines. Both these tools have the 35 spline side sized that so it will work with either 45° or 30° pressure angle splines.

650	Bench Mule	.....	308.00
670	Spool Holding Fixture (35 & 40 spline)	.....	125.00
680	Cylinder Head Holding Forks (6-3/8" centers)	.....	74.00
57492	Spool Holder, 35 & 40 spline (for vise)	.....	72.50



SETTING THE PINION DEPTH

Pinion depth is easily the most important element of correctly setting up a ring and pinion. The T&D pinion depth checker, used by many leading shops and racers, is easy to use and allows you to precisely set pinion depth. This deluxe kit has the components required for checking the most popular rears including 10 & 12 Bolt GM, Dana 60, 8.8 & 9" Ford and 8 3/4 Mopar rears. All components are stored in the included plastic carrying case to prevent damage. This is a very popular item and it works very well on a large variety of rears. Unfortunately it will not work on Mark Williams aluminum and nodular cases due to the captive pilot bearing area. Use PCMW for MW cases.

PCD	T&D Deluxe Pinion Depth Checker	490.00
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PINION DEPTH CHECKER 9" CASES

MW 9" cases have increased material behind the pilot bearing. This prevents the use of the PCD pinion depth checker or similar tools that must have access to the tip of the pinion. There is an alternate method to obtain the shim required. All you need to know is the distance from the end of the pinion pilot stem to the flange of the support. With that value you can calculate the shim required. The 1" travel dial indicator and precision calibration standard are included. It can be used on any 9" case as long as the case is 6.00" (the normal distance) from the mounting flange to the spool centerline. This is an easier method to determine the correct shim.

PCMW	Pinion Depth Checker Tool	137.50
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Works with MW aluminum or nodular iron cases or other accurate cases. Works in 4.10 to 6.50 ratios



SPECIALTY SET-UP TOOLS

300-2	Safety Wire Twist Pliers, 9" length	.....	89.74
55-0002	Gear Marking Compound (small packet)	.....	2.75
57485	Adjuster Wrench, 3.812 case	.....	66.80
57488	Coupler/Yoke Wrench	.....	180.00
57490	Adjuster Wrench, 3.062 & 3.250 cases	.....	66.80
57493	Bearing Puller (standard pinion)	.....	201.50
57494	Bearing Puller (large pinion)	.....	201.50
57499	Blacklash Indicator Kit (made in USA)	.....	100.00
90250	Slide Hammer (aluminum cap removal)	.....	41.75

These tools include a wrench to hold either a female pinion coupler or 1350 series yoke while tightening/torquing the pinion nut, Sockets for back lash adjusters, Safety wire twist pliers, Backlash Dial Indicator kit and Pinion bearing pullers.

