

housing. Your worm-cam is likely okay unless there is chipping or corrosion. I glass-bead all parts before inspection. Cams, by design, do not have the marked wear commonly found at the lever shaft pins. Once all hard parts are glass-beaded, inspected and cabinet washed, I will install, align-hone and finish fit new bushings then reseal the unit. Worm-cam ball bearings will be renewed, using only OEM/NOS parts. Off-shore bearing races are of inferior quality and questionable hardness. I use only OEM pieces here, and they are getting scarce!

During assembly, I precisely adjust the worm bearings with a spring scale and backup torque wrench test method that I have devised for the TL gears. I do a similar approach with the critical over-center mesh adjustment at the sector/lever shaft and cam groove. Custom paint is an option, or I will final seal and detail your gear with epoxy primer and stock color. The gear will ship back looking and performing as new, ready for installation, Matt...Thanks for the business!

#### **JK Wrangler Rubicon Axles for a TJ or YJ?**

*I've heard that complete JK Rubicon axle assemblies are available from the factory. I have a '98 TJ model, and one of our Jeep club members has a '92 Wrangler. Would these axles fit? Are they complete with the lockers and disc brakes? How complete and what installation work is involved here? Will they fit both of our Jeep models?*

*Bob B.*

**Bob, you've heard about the best deal going! Mopar® Performance began this program a few years ago. These axles are genuine Rubicon JK Dana 44s and other factory performance-oriented axles straight off the assembly line. Complete packages even include brake rotors and calipers—yes, a ready-to-go axle assembly!**

**The JK Rubicon assemblies have 61.9" track width, 4.10 gear sets and 5 on 5" wheel bolt patterns. A major advantage of this setup is off-the-shelf Mopar® service parts access—exactly the parts you would order for a comparable JK Rubicon!**

**Wider than stock CJ, YJ, XJ or TJ axle housings, these axles help compensate for a vehicle height increase. Instead of relying solely on a change in wheel offset, you get approximately 2.5" of added axle width at each side! If you lift the vehicle to run large tires, wider axles are the best way to restore center-of-gravity. Ratios of 4.10:1 (Dana 44s and 60s) and 4.56:1 (Dana 60s) are available to meet users' needs.**

**For those planning massive wheel and tire packages or out-and-out high performance use, check out the Dana 60 axles. These rugged axle assemblies meet rigorous Mopar® Performance standards. Imagine the stamina of factory J8 or Ram Power Wagon® axles!**

**Current pricing is highly competitive. Best yet, these assemblies are the same engineering and quality you can expect from a spanking new Jeep® Wrangler Rubicon model or Ram truck! Your local Jeep® or Mopar® Performance dealer can order any of the assemblies offered, and as official Mopar® Performance products, the axles come with a Mopar® parts warranty.**

**If you go this route, axle housing fitment to an earlier chassis is the purchaser's responsibility. This can entail relocating or changing out spring pads and other attachments. Look at your current model's chassis, and compare it to a stock JK Rubicon layout. Consider all of the needs, including the brake hoses, steering linkage, shock mounts, spring perches and track bar locations.**

**For this changeover, also take into account the rear axle pinion angle and front axle's caster angle when setting up the chassis. Front axle caster angle and the pinion (driveline/U-joint) angles are critical. Follow the factory specifications for the chassis. *Align the axles properly.***

**Mopar® Performance targeted the CJ, YJ, TJ and JK models. (Some JK owners want Dana 60 axle upgrades.) Among the available packages are axles already set up for a TJ or JK chassis. For other installations, expect cutting, alignment and welding work. (If you do your own fabricating, the XJ Cherokee could be a candidate, too.) Make your axle installations safe and reliable! If you lack welding and fabricating skills—or equipment—*consider subletting the axle installations to a welding and fabricating shop. Note: Welding and metals***

*fabrication, including chassis work, are ongoing topics in 4WD Mechanix© Magazine. You will need these skills for safe, reliable upgrades.*

Mopar® Performance now offers several cost-saving axle options, including extreme duty (J8 and Power Wagon®) application Dana 60s. Look closely for the equipment, ratios and stamina that your Jeep® requires. Consider these currently available packages and options:



**P5153827**—This JK Rubicon 44 axle comes completely assembled with 4.10 gear, disc brakes, and locking differential.

**P5155252**—Axle, Front Assembly, Dana 44, 2007-09 Jeep Wrangler, 4.10 Locking Differential, Without Brakes

**P5155256**—Axle, Front Assembly, Dana 44, JK, Modified for TJ



**P5153825**—Rubicon front axle...(Superseded to P5155252.)



**P5155084**—Axle, Front Assembly, J8, Dana 44, 5 on 5.5 Hub, with Open Differential



**P5153826**—Jeep Wrangler Rubicon axle with locking differential, locking sensor, 4.10 ratio, disc brakes and mounting brackets.



**P5153826AB**—Axle, Rear Assembly, 2007-09 Jeep Wrangler Rubicon, 4.10 Ratio, Locking Differential

**P5155257**—Axle, Rear Assembly, Dana 44, JK, Modified  
For TJ

**P5155260**—Axle, Rear Assembly, Dana 60, J8, 4.10  
Limited Slip, 5 x 5.50" and 5 x 5.0" Bolt Pattern, Modified  
For JK



**P5155083**—Axle, Rear Assembly, J8, Dana 60, 5 on 5.5  
Hub, Limited Slip Differential, Leaf Spring

**P5155087AB**—Axle, Front Assembly, Stock Power  
Wagon, 4.56 Ratio, With Locker

**P5155088AB**—Axle, Rear Assembly, Stock Power Wagon,  
4.56 Ratio, With Locker

For more details on these axle products and the latest part number availability and supersedures, check out the Mopar® Performance catalog. For access to the latest catalog, including the 'Trail' section for your Jeep® 4x4, simply [click here!](#) Contact your local Jeep® dealership or a Mopar® Performance dealer for pricing.