



Jeep Performance Parts M60 Axles

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Mopar JK Dana M60 Crate Axles

<u>Kit Component</u>	<u>Part Number</u>
Front axle 4.88	P5156276AC
Front axle 5.38	P5156277AC
Rear axle 4.88	P5156278AB
Rear axle 5.38	P5156279AB

<u>Optional Components</u>	<u>Part Number</u>
Parking brake cable LH	56052970AE
Parking brake cable RH	68002669AD
Brake master cylinder and booster kit	P5160050

Axle features

- "Bolt in" axles for the Jeep Wrangler JK
- 4.88 & 5.38 axle ratios
- 35 spline inner/outer axle shafts with SPL70 U-joints
- Electric differential locker
- RAM 3500 brake package
- 3.5" tube diameter
- Heavy duty cast iron differential cover
- Full float rear axle design
- Fluid filled with synthetic 75W140
 - o Front: 2.0 L
 - o Rear: 2.6 L
- Pinion yoke - 1350 ½ round strap style
- Axle internals are Dana 60 for strength and ease of service

Installation notes

- Included wheel speed sensors connect to vehicle harness - excess wire should be clipped and moved out of the way of brake and suspension components.
- Production drag link and tie rod may be reused.
- Longer bolts may be required for some suspension points – use grade 10.9.
- Suspension torques from service manual should be followed.
- Front: mount stabilizer bar end links outboard of bracket.
- Driveshafts (1350 series U-joints) will be required.
- 9/16" wheel studs, 8x6.5" bolt spacing wheels required
- 2" jounce restriction required (typically coupled with 2" lift). Final fitment is responsibility of the end user.
- Toe-in from service manual should be followed.
- 3.2 degree caster is recommended for optimal ride & handling quality.
- Ensure brake lines and fittings do not make contact with other components
- Electric locker voltage/current required (0-18V, 8A max continuous)
- See service manual for general axle installation information.

Operational Notes

- When hubs are unlocked, 4WD may not be engaged while in motion.
- User should familiarize themselves with the new brake system, as pedal feel may change.
- 2012+ require aftermarket ECU programming for gear ratio

Service items

<u>Component</u>	<u>Part Number</u>		
Axle shaft U-joints	Spicer SPL-70	Rear pinion seal	Dana 50637
Axle shaft outer front	Dana 10004051	Rear hub seal	Dana 10006508
Axle shaft LH inner front	Dana 10009767	Front pinion seal	Dana 2014762
Axle shaft RH inner front	Dana 10009448	Front differential seal	Dana 2019816
Axle shaft LH rear	Dana 10003519	Front spindle outer seal	Dana 50381
Axle shaft RH rear	Dana 10004851	Front spindle inner seal	Dana 44506
Input yoke straps	Dana 3-70-28X	Front hub seal	Dana 37729
Differential case	Eaton ELocker	Rear pinion outer bearing	550359/550358
Hub lock	Warn M60	Rear pinion inner bearing	550361/550360
Ball joint upper	Dana 2012503	Rear differential bearing	550363/550362
Ball joint lower	Dana 2012504	Rear wheel outer bearing	565918/565911
Wheel studs	05096145AA	Rear wheel inner bearing	550332/550401
Brake pads front	68049148AA	Front pinion outer bearing	550359/550358
Brake pads rear	68049158AA	Front pinion inner bearing	550361/550360
Brake rotor front	52122182AB	Front differential bearing	550363/550362
Brake rotor rear	52122184AA	Front wheel outer bearing	565918/565911
Wheel speed sensor front	68165624AC	Front wheel inner bearing	550363/550362
Wheel speed sensor rear	04779735AD	Front spindle bearing	620063
Brake caliper front	68049150AC/ 68049151AC	For all other service parts contact Mopar Direct Connection Techline at 888-528-4364	
Brake caliper rear	68049176AB/ 68049177AB		
Brake caliper pin kit front	68049153AA		
Brake caliper pin kit rear	68049161AA		

