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APRIL 2025

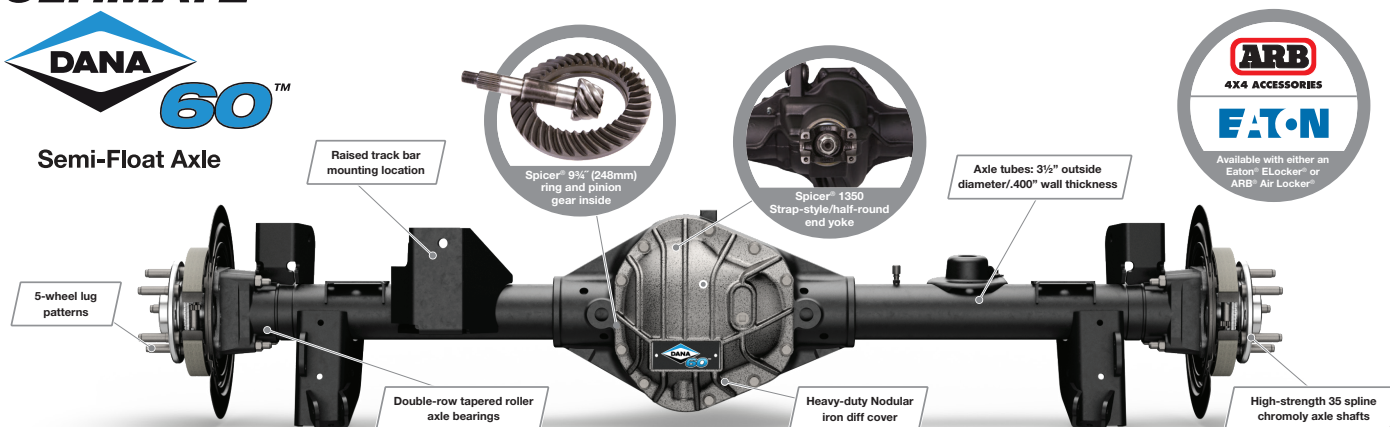
Installation Instructions

NEW! The Ultimate Dana 60™ Semi-Float Axle for Jeep® Wrangler JK, Jeep Wrangler JL, and Jeep Gladiator JT

ULTIMATE



Semi-Float Axle



BOLT IN, PLUG IN AXLES FOR JEEP JK, JL AND JT

Crate Axles

Ratio	Locker	Jeep Wrangler JK Part Number (BOM)	Jeep Wrangler JL Part Number (BOM)	Jeep Gladiator JT Part Number (BOM)
3.73	Eaton E- Locker	SF-L60JK373E-67.9 (10144373)	SF-L60JL373E-67.9 (10144516)	SF-L60JT373E-67.9 (10144539)
4.10		SF-L60JK410E-67.9 (10144372)	SF-L60JL410E-67.9 (10144515)	SF-L60JT410E-67.9 (10144538)
4.56		SF-L60JK456E-67.9 (10144371)	SF-L60JL456E-67.9 (10144514)	SF-L60JT456E-67.9 (10144537)
4.88		SF-L60JK488E-67.9 (10144370)	SF-L60JL488E-67.9 (10144513)	SF-L60JT488E-67.9 (10144536)
5.13		SF-L60JK513E-67.9 (10144368)	SF-L60JL513E-67.9 (10144512)	SF-L60JT513E-67.9 (10144535)
5.38		SF-L60JK538E-67.9 (10144366)	SF-L60JL538E-67.9 (10144376)	SF-L60JT538E-67.9 (10144534)
4.56	ARB Air Locker	SF-L60JK456A-67.9 (10145174)	SF-L60JL456A-67.9 (10145177)	SF-L60JT456A-67.9 (10145179)
4.88		SF-L60JK488A-67.9 (10144375)	SF-L60JL488A-67.9 (10144518)	SF-L60JT488A-67.9 (10144541)
5.13		SF-L60JK513A-67.9 (10145173)	SF-L60JL513A-67.9 (10145176)	SF-L60JT513A-67.9 (10145178)
5.38		SF-L60JK538A-67.9 (10145374)	SF-L60JL538A-67.9 (10145374)	SF-L60JT538A-67.9 (10144540)

Optional Components	Part #
U-joint Strap Kit (driveshaft)	3-70-28X
Air Compressor (for ARB)	(Customer Choice)
E-Locker wire harness and switch kit	10021771
Locker Integration Kit (OE JL/JT Rubicon only)	10177304

SPECIAL NOTE FOR JK OWNERS ONLY

The Ultimate Dana 60 Semi-Float for JK has a WMS of 67.9". OEM JK WMS is 65.4".

If running an OEM WMS front axle, the rear will be 1.25" wider per side. If same WMS is desired front to rear, 1.25" wheel spacers could be used on the front axle.

NEW! The Ultimate Dana 60™ Semi-Float Axle for Jeep® Wrangler JK, Jeep Wrangler JL, and Jeep Gladiator JT

Operational Notes

- Users should familiarize themselves with the new axle ratios & larger tire sizes, as pedal feel and driving feel may change.
- Any gear ratio and tire size changes require reprogramming of vehicle computer.

Axle Features

- "Bolt in, plug in" axles for Jeep
- 5.38, 4.88, 4.56, 4.10 & 3.73 axle ratios
- 35 spline chromoly axle shafts
- ELD or ARB locking differential
- Able to accept existing brake package or Aftermarket brake packages
- 3.5" diameter .400" wall tubing
- Heavy duty cast iron differential cover
- Semi float rear axle design
- Dual row tapered roller wheel bearings
- Fluid filled with synthetic 75W140, 2.6 L
- Pinion yoke - 1350 ½ round strap style
- Axle internals are Dana 60 for strength and ease of service.
- Original Bronco track bar WILL NOT work. Dana track bar 10428919 included.
- Brake line and ABS line mounting locations included on axle tube brackets.

Installation Notes

- Wheel Speed/ABS Sensor
 - JK: Use ABS sensors that are included with the crate axle and plug into vehicle side connectors. The original ABS sensors will not be used.
 - JL & JT: Original ABS sensors and mounting bolts must be removed from stock axles and reused.
- Uses original Jeep calipers, rotors, brake pads and parking brake cables.
- Longer bolts may be required for some suspension points: use grade 10.9.
- Suspension torques from Jeep service manual should be followed.
- 1350 series driveshaft u-joint will be required at axle
- Stock Jeep wheel studs and bolt pattern maintained to reuse stock or AFM wheels.
 - JK: 1/2"-20 wheel studs, 5 X 5" bolt pattern
 - JL & JT: M14x1.5 wheel studs, 5 X 5" bolt pattern
- Most aftermarket suspension kits will work with Dana Jeep UD60 semi-float rear axle assembly
- Ensure brake lines and fittings do not make contact with other components.
- ARB axle assemblies must have adequate air compressor.
 - Between 85 and 105 psi.
 - Supply clean filtered air (no dust, dirt etc.)
- Route airlines away from moving/hot components.
- Allow for suspension travel when securing air lines to vehicle chassis.
- See Jeep service manual for general axle installation information.

Service Items (If not noted below, reference OEM part numbers)

Components	JK Part #	JL/JT Part #
Axle Shaft Assembly LH Rear	Dana 10144621	Dana 10144611
Axle Shaft Assembly RH Rear	Dana 10144622	Dana 10144612
End Yoke Bearing Strap Assembly	3-70-28X	
ARB Air Locker Differential	ARB RD166	
Eaton Air Locker Differential	Dana 10024012	
Rear Pinion Seal	Dana 50637	
Pinion Tail Bearing	Dana 550359/550358	
Pinon Head Bearing	Dana 550361/550360	
Differential Bearing	Dana 550363/550362	
JK ABS Sensor - Rear	Dana 10020923	

If you need additional information, please contact your Dana Aftermarket representative. For assistance please contact the Spicer TechService Department at 800-621-8084. Thank you for your continued support of Dana Aftermarket products!

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