



# Ultimate Dana 60® (EDL) Axle for Jeep® Wrangler JL/JT

## Crate Axles

Kit Component	Part #
JL/JT front axle 3.73	10056042
JL/JT front axle 4.10	10056043
JL/JT front axle 4.88	10056032
JL/JT front axle 5.38	10056030
JL rear axle 3.73	10048757
JL rear axle 4.10	10048758
JL rear axle 4.88	10048764
JL rear axle 5.38	10048784
JT rear axle 3.73	10128131
JT rear axle 4.10	10128129
JT rear axle 4.88	10128143
JT rear axle 5.38	10128137

Optional Components	Part #
U-joint strap kit (driveshaft)	3-70-28X
E-Locker wire harness and switch kit	10021771
JL parking brake cable LH & RH*	C660116
JT parking brake cable LH & RH**	OE 56052970AE

\* Note: This is a Dorman PN, the similar OE Dodge style will not be compatible due to the plastic retainer clips instead of metal that the JL requires. Reference Dana Form number 1009082

\*\* Note: Reference Dana Form Number 10150124

## Axle Features

- “Bolt in” axles for the Jeep Wrangler JL/JT
- 3.73, 4.10, 4.88 & 5.38 axle ratios
- 35 spline inner and outer chromoly 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
  - Front: 2.0 L
  - Rear: 2.6 L
- Pinion yoke - 1350 ½ round strap style
- Axle internals are Dana 60® for strength and ease of service

## Installation Notes

- Original JL/JT wheel speed/ABS sensors and mounting bolts must be removed from stock axles and reused.
- **Original JL/JT drag link will not work.**
  - We used Steer Smarts™ JL/JT bottom mount drag link for UD60 (PN: 78065001). Included in Steer Smarts “No Mod” Bolt-In steering kit for UD60 PN: DANA-KIT-02-AA.

- **Original JL/JT tie rod will not work.**
  - Most aftermarket JK tie rods will work. We used Steer Smarts JL/JT PN: 78088001. Included in Steer Smarts “No Mod” Bolt-In Steering Kit for UD60 PN: DANA-KIT-02-AA.
- **Original JL/JT steering stabilizer and mounting brackets will not work.**
  - We used Steer Smarts Steering Stabilizer (PN: 73012001). Note steering stabilizer is not included in “No Mod” Bolt-In Kit.
  - We used with Steer Smarts Tie Rod Clamp (PN: 41046001). Included in Steer Smarts “No Mod” kit PN: DANA-KIT-02-AA.
- Longer bolts may be required for some suspension points: use grade 10.9.
- Suspension torques from JL/JT service manual should be followed.
- 1350 series driveshaft u-joints will be required.
- 9/16 x 18 wheel studs, 8 x 6.5" 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 or set to 1/8" toe-in total.
- 4.8° caster is recommended for optimal ride and 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 JL/JT service manual for general axle installation information.

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## Operational Notes

- When hubs are unlocked, 4WD may not be engaged while in motion.
- Users should familiarize themselves with the new brake system, as pedal feel may change.
- Any gear ratio and tire size changes require reprogramming at the dealership or an aftermarket programmer.

## Service Items

Component	Part #	Component	Part #
Axle shaft u-joints	Spicer SPL70-4X	Brake rotor front	OE 52122182AB
Axle shaft outer front	Dana 10004051	Brake rotor rear	OE 52122184AA
Axle shaft LH inner front	Dana 10009767	Wheel speed sensor front	OE 68165624AC
Axle shaft RH inner front	Dana 10009448	Brake caliper front	OE 68049150AC/ 68049151AC
Axle shaft LH rear	Dana 10003519	Brake caliper rear	OE 68049176AB/ 68049177AB
Axle shaft RH rear	Dana 10004851	Wheel speed sensor front	OE 68165624AC
Input yoke straps	Dana 3-70-28X	Wheel speed sensor rear	OE 04779735AD
Differential case	Eaton E-Locker	Brake caliper pin kit front	OE 68049153AA
Hub lock	Warn M60	Brake caliper pin kit rear	OE 68049161AA
Ball joint upper	Dana 2012503	Rear pinion outer bearing	Dana 550359/550358
Ball joint lower	Dana 2012504	Rear pinion inner bearing	Dana 550361/550360
Rear pinion seal	Dana 50637	Rear differential bearing	Dana 550363/550362
Rear hub seal	Dana 10006508	Rear wheel outer bearing	Dana 565918/565911
Front pinion seal	Dana 2014762	Rear wheel inner bearing	Dana 550332/550401
Front differential seal	Dana 2019816	Front pinion outer bearing	Dana 550359/550358
Front spindle outer seal	Dana 50381	Front pinion inner bearing	Dana 550361/550360
Front spindle inner seal	Dana 44506	Front differential bearing	Dana 550363/550362
Front hub seal	Dana 37729	Front wheel outer bearing	Dana 565918/565911
Bearing strap assembly	3-70-28X	Front wheel inner bearing	Dana 550363/550362
Wheel studs	OE 05096145AA	Front spindle bearing	Dana 620063
Brake pads front	OE 68049148AA		
Brake pads rear	OE 68049158AA		

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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