



# CRATE AXLE™

AXL-TEC-025

## ULTIMATE DANA 44™ FRONT AXLE FEATURES AND INSTALLATION TIPS

SERVICE/TECHNICAL

DATE: 12-3-2015

TO: All Dana Aftermarket Group Crate Axle Customers

Congratulations on your purchase of The Ultimate Dana 44™ Front Axle for Jeep® Wrangler® JK. Please find, below, some **Product Features and Installation Tips**.

### Axle features

- 4340 Chromoly Axle Shaft w/ full circle snap rings
- "Bolt in" front axle for the Jeep® Wrangler® JK
- Available in 3.73, 4.10, 4.56, 4.88, 5.13 and 5.38 axle ratios
- Electric differential locker
- 2.5" tube diameter 5/16" Wall Thickness
- Heavy-duty nodular iron differential cover
- Companion flange same as stock JK
- Internal axle components are 100% genuine Dana 44 for strength and ease of service
- Reuse factory knuckles, brakes and wheel hub bearings (not included)

### Installation Tips

- Wheel speed sensor wires should be secured out of the way of brake and suspension components.
- Production drag link and tie rod ends may be reused.
- Longer bolts may be required for some suspension points – use grade 10.9.
- Suspension torques from service manual should be followed.
- Pin Style steering stabilizer required Driveshafts from stock JK can be used
- Toe-in specifications from service manual should be followed.
- Ensure brake lines and fittings do not make contact with other components
- Electric locker voltage/current required (0-18V, 8A max continuous)
- New wheel hub bearing bolts and axle shaft nuts included.
- See service manual for general axle installation information.

### Operational Notes

- 2012+ require aftermarket ECU programming for gear ratio

Every effort has been made to ensure the accuracy of all information in this bulletin. However, Dana makes no expressed or implied warranty or representation based on this information.

Current literature can be downloaded from [www.spicerparts.com](http://www.spicerparts.com). Click on the Literature button, and navigate to the literature needed.

LIGHT AXLE INFO