



CRATE AXLE™

AXL-TEC-025

ULTIMATE DANA 44™ FRONT AXLE FEATURES AND INSTALLATION TIPS

SERVICE/TECHNICAL

DATE: 3-21-2019

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 IS SHIPPED WITHOUT OIL! ADD OIL BEFORE USE!

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
- Axle is shipped without oil. Fill with 2 quarts of 75W140 or similar Gear Oil
- Fill to upper fill plug for first fill and lower fill plug for service fill

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. Click on the Literature button, and navigate to the literature needed.

LIGHT AXLE INFO