



# Ultimate Dana 60® Axle for Ford® Bronco®

## Crate Axles

| Kit Component      | Part #   |
|--------------------|----------|
| ELD rear axle 5.38 | 10151195 |
| ELD rear axle 4.88 | 10151197 |
| ELD rear axle 4.56 | 10151198 |
| ELD rear axle 4.10 | 10151200 |
| ELD rear axle 3.73 | 10151202 |
| ARB rear axle 5.38 | 10151203 |
| ARB rear axle 4.88 | 10151227 |
| ARB rear axle 4.56 | 10151228 |

| Optional Components            | Part #            |
|--------------------------------|-------------------|
| U-joint strap kit (driveshaft) | 3-70-28X          |
| Air compressor                 | (Customer Choice) |
| Locker Wiring Harness          | 10021771          |

## Axle Features

- “Bolt in, plug in” axles for Bronco
- 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

- Original Bronco wheel speed/ABS sensors and mounting bolts must be removed from stock axles and reused.
- Uses original Bronco calipers, rotors & brake pads.
- Dana pigtail provided to connect UD60 ELD to OE vehicle locker wiring harness.
- Dana wire pigtail provided for a non-ELD Bronco. Switch/relay required for installation.
- Longer bolts may be required for some suspension points: use grade 10.9.
- Suspension torques from Bronco service manual should be followed.
- 1350 series driveshaft u-joint will be required at axle
- Stock Bronco wheel studs and bolt pattern maintained to reuse stock or AFM wheels. (M12 x 1.5 x 12 wheel studs, 6 x 5.5" bolt pattern)
- Most aftermarket suspension kits will work with Dana Bronco UD60 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 Bronco service manual for general axle installation information.

# Ultimate Dana 60<sup>®</sup> for Ford<sup>®</sup> Bronco<sup>®</sup>

## 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.

## Service Items

| Component                | Part #             |
|--------------------------|--------------------|
| Axle Shaft Assy LH Rear  | Dana 10151245      |
| Axle Shaft Assy RH Rear  | Dana 10151246      |
| Input Yoke Straps        | Dana 3-70-28X      |
| Air Locking Differential | ARB RD166          |
| ELD Differential         | Dana 10024012      |
| ELD Pigtail              | Dana 10264409      |
| Bearing Strap Assembly   | 3-70-28X           |
| Wheel Studs              | FORD_ACPZ-1107-A   |
| Wheel Speed Sensor Rear  | FORD_MB3Z-2C190-B  |
| Rear Pinion Seal         | Dana 50637         |
| Pinion Tail Bearing      | Dana 550359/550358 |
| Pinion Head Bearing      | Dana 550361/550360 |
| Differential Bearing     | Dana 550363/550362 |

| Rear Driveshaft Kits                  | Part #        |
|---------------------------------------|---------------|
| SWB (2 Door) Part time (No 4A Option) | Dana 10335062 |
| LWB (4 Door) Part time (No 4A Option) | Dana 10335059 |
| SWB (2 Door) Part time (4A Option)    | Dana 10335066 |
| LWB (4 Door) Part time (4A Option)    | Dana 10335064 |

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!

| Smart # (For Ordering) | Dana #/BOM (Assembly ID #) |
|------------------------|----------------------------|
| SF-L60BR373E-69        | 10151202                   |
| SF-L60BR410E-69        | 10151200                   |
| SF-L60BR456E-69        | 10151198                   |
| SF-L60BR538E-69        | 10151195                   |
| SF-L60BR456A-69        | 10151228                   |
| SF-L60BR4SBA-69        | 10151227                   |
| SF-L60BR538A-69        | 10151203                   |
| SF-L60BR4SBE-69        | 10151197                   |
| SF-L60BR538E-73        | 10301899                   |
| SF-L60BR538E-76        | 10262909                   |
| SF-L60BR513E-73        | 10416785                   |
| SF-L60BR488E-73        | 10409433                   |
| SF-L60BR456E-73        | 10409445                   |
| SF-L60BR410E-73        | 10409451                   |
| SF-L60BR373E-73        | 10409453                   |
| SF-L60BR538A-73        | 10409455                   |
| SF-L60BR513A-73        | 10416789                   |
| SF-L60BR488A-73        | 10409459                   |
| SF-L60BR456A-73        | 10409460                   |
| SF-L60BR513E-76        | 10416774                   |
| SF-L60BR4SBE-76        | 10409379                   |
| SF-L60BR456E-76        | 10409385                   |
| SF-L60BR410E-76        | 10409387                   |
| SF-L60BR373E-76        | 10409395                   |
| SF-L60BR538A-76        | 10409403                   |
| SF-L60BR513A-76        | 10416779                   |
| SF-L60BR488A-76        | 10409405                   |
| SF-L60BR456A-76        | 10409406                   |
| SF-L60BR513E-69        | 10151196                   |
| SF-L60BR513A-69        | 10151204                   |

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