



Dobinsons 100 Series / LX470 Diff Drop Kit DD59-532K

Differential Crossmember Removal

- 1. Raise vehicle on automotive lift or with a jack and stands.**
- 2. Remove all skid plates covering the front differential.**
- 3. Remove the 4 original differential crossmember bolts while supporting the front differential with a jack or jack stand (do not discard as this bolt will be re-used during installation).**
- 4. Remove the crossmember differential support bolt and remove the cross member.**
- 5. Remove the right-front differential support bolt.**
- 6. Remove the rear differential support bolt (do not discard as this bolt will be re-used during installation).**

Diff Drop Kit Installation (Figure 1 & 2)

- 1. Install the provided drop crossmember into position and fasten using the previously removed 4 original bolts.**
- 2. Lower the differential into its new position and replace the previously removed rear differential support bolt into the front differential support with the 65mm x 20mm spacer.**
- 3. Using the supplied M14, 140mm long bolt with a lock washer and the previously removed M14 nut, install the rear differential support bolt.**
- 4. Using the previously removed original hardware, replace the crossmember differential support.**
- 5. Torque all fasteners as follows:**
 - Front and Rear Support bolts: 185 N/m / 137 ft-lb**
 - Crossmember Mounting Bolts (x4): 68 N/m / 50 ft-lb**

Skid Plate Installation (Figure 3)

- 1. Reinstall the front skid plate with the supplied 70mm x 20mm spacer using the M8x1.25 40mm bolt with a flat washer and lock washer in the center location.**
- 2. Install the 25mm x 20mm spacers on the front three locations**
- 3. Install the 30mm x 21mm spacers on the two side locations**
- 4: Torque all skid plate bolts to 30 N/m / 22 ft-lb**

Check and re-torque bolts after 50 and 500 miles

**Damage caused by improper installation is not covered by warranty.
Please use and wear proper safety equipment when working under a suspended vehicle.**

Figure 1

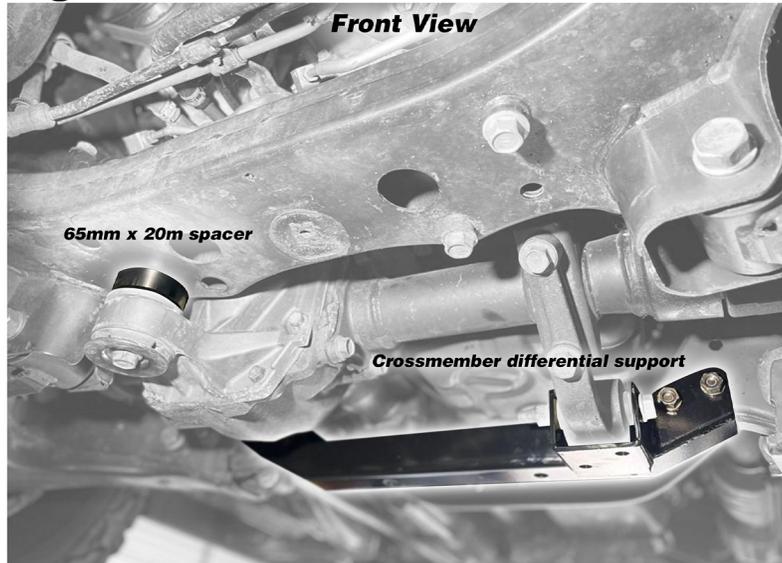


Figure 2

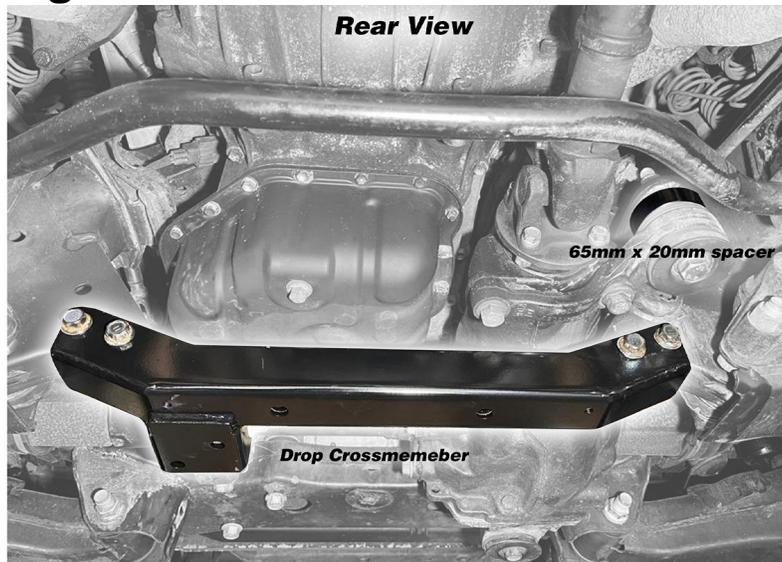


Figure 3

