

**VEHICLE** Toyota Land Cruiser 100 Series UZJ100, HDJ100, FZJ100

**PRODUCT** IFS Diff Drop Kit

**PRODUCT CODE** DDLCR

**NOTE** Suggested fitment to be completed by a qualified automotive technician

#### HARDWARE SUPPLIED:

- 1 x Diff Drop Bracket **(A)**
- 2 x 65mm x 20mm (15.5mm ID) Round Spacers - Steel **(B)**
- 1 x 70mm x 22mm (9mm ID) Round Spacer - Nylon **(C)**
- 3 x 25mm x 20mm (8.5mm ID) Round Spacer - Steel **(D)**
- 2 x 30mm x 21mm (9.5mm ID) Round Spacer - Nylon **(E)**
- 1 x M14xP1.5 x 140mm Bolt **(F)**
- 1 x M14 Split Washer **(G)**
- 6 x M8xP1.25 x 40mm Bolts **(H)**
- 6 x M8 Flat Washers **(I)**
- 4 x M8 Split Washers **(J)**



**1.** Secure vehicle appropriately, and jack up front of vehicle. Place the front frame rails on jack stands for support.

**2.** Remove the front metal skid plate and plastic belly pan.

**3.** Support the rear of the front diff with a floor jack or other suitable method. Loosen the existing cross member by removing the two bolts on each side of the cross member (four bolts in total).

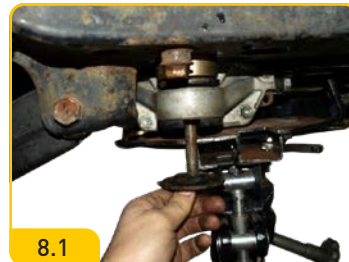
**4.** Remove the rear bolt attaching the diff control arm to the cross member. Double check that the diff is supported adequately, and remove the cross member.

**5.** Still with the diff supported, remove the front mounting bolts and rubber spacer. This bolt fastens into a captive nut.

**6.** Remove the rear 14mm mounting bolt. This bolt has a nut on the top side. **DO NOT DISCARD** this bolt and washer – it will be used during reassembly as the 'new' front mounting bolt.

**7.** Install the new Cross member (Diff Drop Bracket **(A)**) using the existing hardware that was removed when removing the original cross member. Leave bolts finger tight.

**8.** Using the old 14mm bolt (removed in step 6) and the one of the 65mm x 20mm (15.5mm ID) Round Spacers – Steel **(B)**, reattach the front diff mount. Leave bolt finger tight.



**VEHICLE** Toyota Land Cruiser 100 Series UZJ100, HDJ100, FZJ100

**PRODUCT** IFS Diff Drop Kit

**PRODUCT CODE** DDLCR

**NOTE** Suggested fitment to be completed by a qualified automotive technician

9. Using the new supplied M14xP1.5 x 140mm Bolt **(F)** and M14 Split Washer **(G)**, plus the Large Washer and Nut (removed in Step 6) reattach the rear diff mount. Use one of the 65mm x 20mm (15.5mm ID) Round Spacers - Steel **(B)** between the frame mount and the diff. Leave bolt finger tight.

10. Torque all bolts to manufacturer's specifications. These will be approximately:  
- Rear Bolt (diff control arm to cross member) - 137 ft.lbf  
- Cross Member (side mounting bolts) - 50 ft.lbf  
- Front Bolt (front diff to chassis) - 137 ft.lbf

11. Re-install the plastic belly pan and front metal skid plate. Use the 70mm x 22mm (9mm ID) Round Spacer - Nylon **(C)** on the centre mounting hole. Use one of the supplied M8xP1.25 x 40mm Bolts **(H)** with M8 Flat Washer **(I)** and M8 Split Washers **(J)** in this location.

12. Use the 3 x 25mm x 20mm (8.5mm ID) Round Spacer - Steel **(D)** on the front mounting holes of the metal skid plate.

13. Use the 2 x 30mm x 21mm (9.5mm ID) Round Spacer - Nylon **(E)** on side mounting holes of the metal skid plate.

14. For these five locations use the supplied M8xP1.25 x 40mm Bolts **(H)** and M8 Flat Washers **(I)** - and on the front three spacers also use the M8 Split Washers **(J)**.

