



Toyota Land Cruiser 100 Series IFS Diff Drop Kit

UZJ100, HDJ100, FZJ100

Kit Contents

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

INSTALLATION

Step 1

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

Step 2

Remove the front metal skid plate and plastic belly pan.

Step 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).

Step 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.

Step 5

Still with the diff supported, remove the front mounting bolts and rubber spacer.

This bolt fastens into a captive nut.

Step 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 re-assembly as the 'new' front mounting bolt.

Step 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.



Step 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)**, re-attach the front diff mount. Leave bolt finger tight.



Step 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) re-attach 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.



Step 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

Step 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.



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



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



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)**.

INSTALLATION COMPLETE