

**VEHICLE** Isuzu Dmax/ Mazda BT50 2020+  
**PRODUCT** 20mm Diffdrop Kit  
**PRODUCT CODE** DDDMAX20-20  
**NOTE** Suggested fitment by a 4wd specialised mechanic

#### Tools Required:

- General Hand Tools

#### Component List:

- 1 x 20mm Diff Drop Crossmember
- 2 x 20mm Diff Drop Relocation Spacer
- 1 x Tail Shaft Spacer

1. Raise vehicle and support securely.

2. Remove wheels and bash plates.

3. Support front differential appropriately.

4. Loosen and remove the following bolts:

See figure 1.

- a. Loosen 2 x differential mounting bolts and 1 x differential crossmember nut.
- b. Loosen 4 x lower cross member bolts.

5. To remove lower cross member from vehicle, remove 1 x differential mounting nut (a) and 4 x lower cross member bolts (b).

6. Offer Roadsafe Diff Drop Crossmember up to vehicle and loosely secure with original factory lower crossmember bolts and the large nut to support the differential.

7. Ensuring diff is properly supported, undo the two front differential mounting bolts.

8. Assemble the 2 x front differential relocation spacer plates by inserting the M5x15L hex head bolts. This bolt will protrude into the chassis and help correctly locate the spacer block. See figure 2.

9. Secure the front differential relocation spacer plates to the chassis with the supplied M14x35L socket head bolt, ensuring the M5 socket head bolt locates within the chassis also.

10. Secure the differential to the spacer plates using the supplied M14x90L bolts and 8mm thick washer. See figure 3.

#### Hardware Supplied:

- 2 x M14 (P1.5) x 80L Hex Head Bolt
- 2 x M14 (P1.5) x 35L Socket Head Bolt
- 2 x M5 (P1.25) x 15L Socket Head Bolt
- 4 x M10 (P1.5) x 50L Hex Head Bolt
- 4 x M10 Flat Sided Nut
- 2 x M14 Spring Washer
- 2 x 8mm Thick Washer
- 4 x M10 Spring Washer



Figure 1



Figure 2

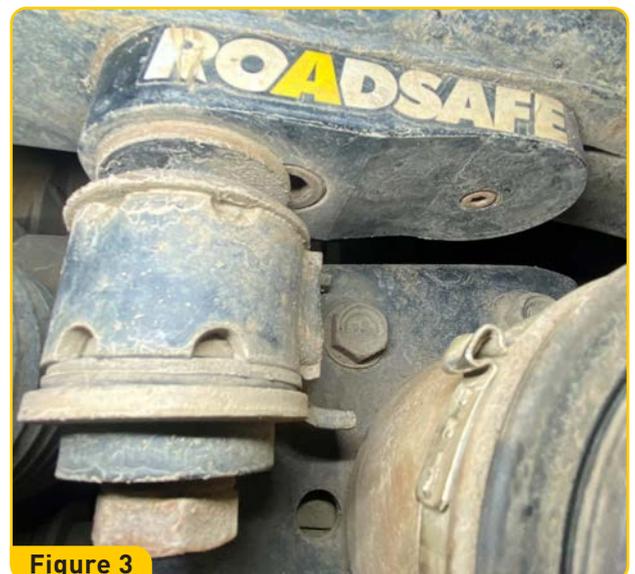
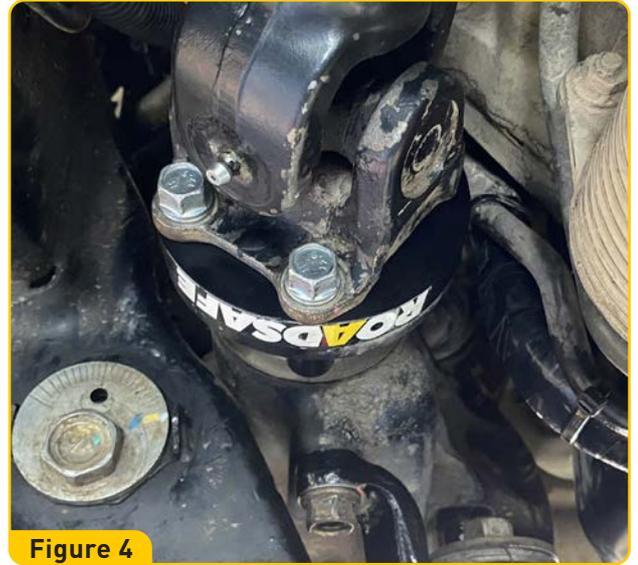


Figure 3

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11. Now tighten all bolts to manufacturers specification.
12. Mark the tail shaft where it connects to the front differential to ensure it is reconnected in the correct orientation.
13. Loosen and remove the 4 retaining bolts connecting the front driveshaft to the front differential.
14. Insert the driveshaft spacer and secure the driveshaft to the front differential using the supplied 50mm bolts and flat sided nuts. See figure 4.
15. Torque bolts to manufacturers specification.
16. Reassemble bash plates and test drive vehicle.



#### Torque Specifications:

	8.8	10.9	12.9
M10	41-60 Nm	59-85 Nm	65-94 Nm
M12	71-105 Nm	102-150 Nm	114-164 Nm
M14	112-168 Nm	161-240 Nm	182-265 Nm
M16	175-260 Nm	250-371 Nm	282-406 Nm