

# TRUNDLES

NOTE: IF YOU ARE UNSURE ABOUT GENERAL FITMENT PLEASE CONTACT US BEFORE YOU START FITTING THIS COMPONENT TO YOUR VEHICLE.

TRUNDLES CANNOT BE HELD RESPONSIBLE FOR ANY FURTHER MODIFICATIONS OR DEVIATIONS FROM THE GIVEN INSTRUCTIONS LAID OUT IN THIS FITTING GUIDE.

## ***DIFF DROP (LAN-056)*** ***FITTING GUIDE***

### ***TOYOTA LANDCRUISER*** ***300 SERIES (2021-Onwards)***



#### ***HARDWARE SUPPLIED***

1x DDLC300-101-C  
1x DDLC300-101-D  
1x DDLC300-201  
1x DDLC300-301  
2x M14 x 1.5P x 40L Bolt  
6x M14 Washer  
2x M14 Glenloch  
3x M16 Glenloch  
3x M16 Washer

#### ***TOOLS REQUIRED***

General Hand Tools

# TRUNDLES

TRUNDLES AUTOMOTIVE LTD - 4X4 Specialist  
10-12 Cory John Place, Bell Block, New Plymouth  
sales@trundlesautomotive.com  
www.trundlesautomotive.co.nz

1. Jack up and support the vehicle in a suitable position to allow easy access to the underside.

2. Remove any bash plates fitted to the vehicle.

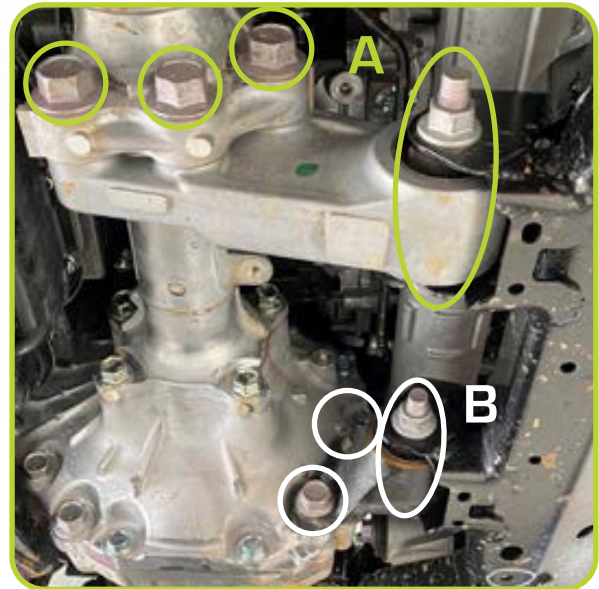
3. Support the differential appropriately with a jack or similar, to allow movement of the differential when installing the new hardware.

4. Remove the 4x bolts securing the front driver side differential mount and remove. Retain the factory hardware (see Figure 1 (A)).

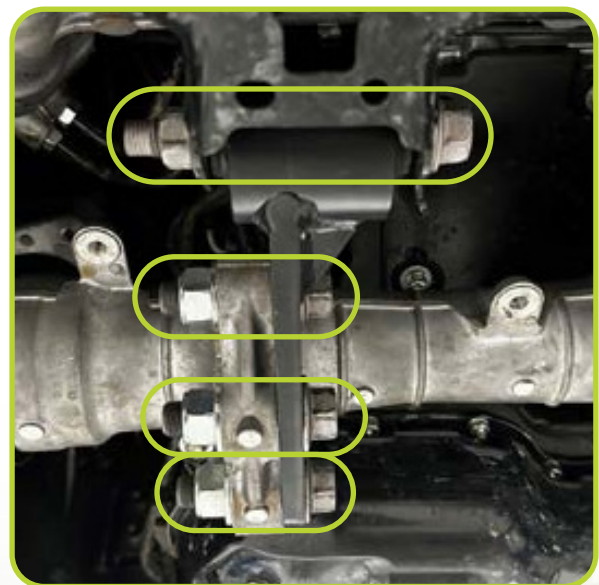
5. Remove the 3x bolts securing the passenger side differential mount and remove (see Figure 1 (B)).

6. Offer DDLC300-301 (Item 4) to the differential and loosely secure to the chassis mount using the factory hardware retained in step 4.

Using the remaining 3 bolts, loosely secure the mount to the differential using the 3x M16 glenloch nuts (Item 8) and 3x M16 Washers (Item 9) provided (see Figure 2).



**Figure 1**



**Figure 2**

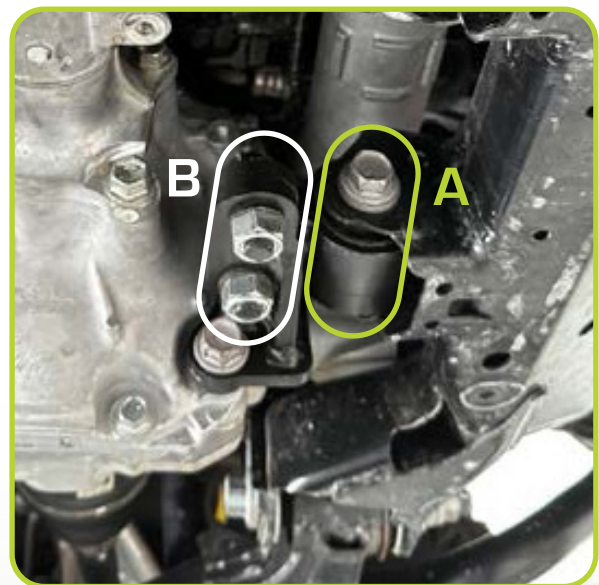


7. Offer DDLC300-101-D (Item 2) to the passenger side differential mount and secure with 2x factory bolts removed in step 5 (see Figure 3).



**Figure 3**

8. Offer DDLC300-101-C (Item 1) to the passenger side chassis mount and loosely secure with the remaining factory hardware removed in step 5 (see Figure 4 (A)).



**Figure 4**

9. Loosely secure DDLC300-101-D and DDLC300-101-C together using 2x M14 bolts, 4x M14 washers and 2x M14 glenlocks (see Figure 4 (B)).

10. Remove 2x bolts from the rear factory differential mount and retain hardware (see Figure 5 (A)).

11. Remove the rear most nut and bolt from the differential mount and retain the hardware, noting the order in which it is to be re-assembled. The arm can now be removed (see Figure 5 (B)).

**NOTE: The differential may need to be lifted slightly to free the arm.**

12. Offer DDLC300-201 to the rear differential mount, noting the differential will need to be lifted slightly to allow access.

13. Secure the arm to the chassis mount using the factory hardware retained in step 11, ensuring the mounting hardware is reinstalled in the correct order (see Figure 6).

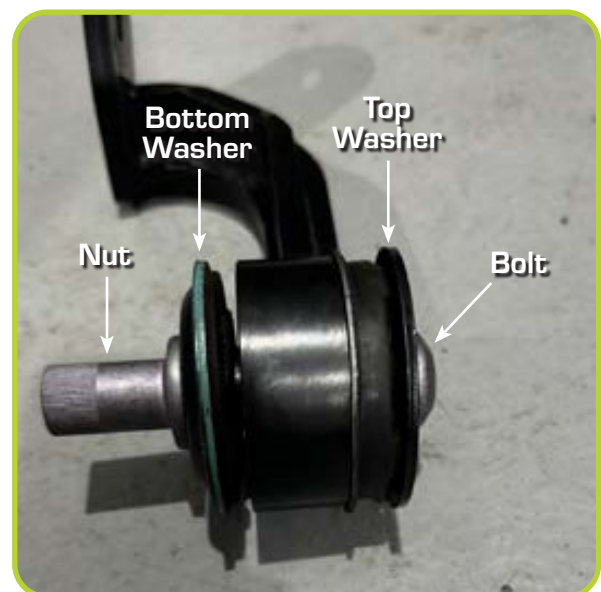
14. With the differential still well supported, finish tightening all the bolts directly attached to the differential to the correct torque spec using the table attached.

15. Remove the jack or support from the differential and tighten the remaining 3 bolts that secure the differential arms to the chassis ensuring they are tightened to the correct torque spec. This will ensure there is no preload on bushings when bolts are tightened to their final torque value.

16. Re-install the vehicle underbody protection and test drive.



**Figure 5**



**Figure 6**

**All bolts to be tightened to the appropriate torque value based on nominal size, pitch and grade, or OE manufacturer's specs.**

	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





ITEM	DESCRIPTION	QTY
1	DDL300-101-C	1
2	DDL300-101-D	1
3	DDL300-201	1
4	DDL300-301	1
5	M14 x 1.5P x 40L Bolt	2
6	M14 Washer	6
7	M14 Glenloch	2
8	M16 Glenloch	3
9	M16 Washer	3