

# Install Guide

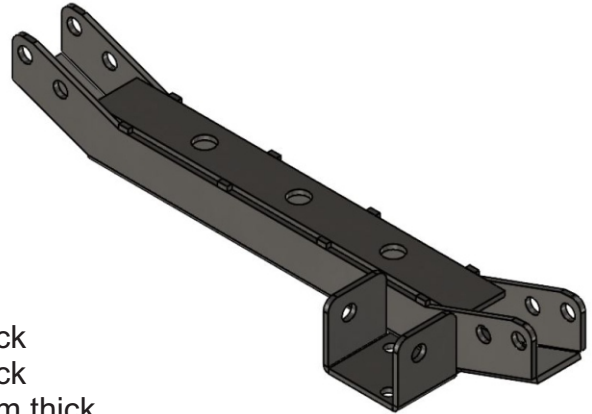
## Front Differential - Drop Kit

This instruction sheet should be used in conjunction with the workshop manual and proper safety procedures followed.

**Application** - Toyota Land Cruiser  
- 100 series 1998-2007  
- Lexus LX470  
- 1998-2008

*(Always refer complete catalogue listing)*

**Contents** - 1x steel diff-drop bracket  
- 2x steel spacers - 65mm OD x 20mm thick  
- 3x steel spacers - 25mm OD x 20mm thick  
- 1x large nylon spacers 70mm OD x 22mm thick  
- 2x small nylon spacers 30mm OD x 21mm thick  
- 1x M14 x 1.5 x 140mm bolt + spring washer  
- 4x M12 x 1.25 x 75mm bolts  
- 6x M8 x 1.25 x 40 bolts  
- 6x M8 flat washes  
- 4x M8 spring washers



• Raise vehicle evenly and safely support.

*Never rely on a Jack only.*



- Start by removing the front metal bash plate along with the rear plastic section.
- The front diff will have to be supported - refer LH image.
- Proceed to un-bolt OE support bracket. Remove the 4 bolts (2 per side of bracket) - and 1 bolt for the diff control arm.

*Refer Page 2*

It is recommended that a licenced workshop or tradesperson carry out the above procedure and that workshop manual and relevant safety procedures are followed in addition to the above.

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- Proceed to remove front and rear RH M14 vertical mount bolts.

**Note - the front upper nut is captive.**

**The rear upper nut is loose. The OE rear M14 bolt will now be used for the front mounting point.**

- Using the stands, Lower diff down slowly.



- Slide supplied steel spacer 65mm OD x 20mm in front mount using OE M14 mounting bolt (originally came from rear).

Don't tighten just yet.

**Steel spacer 65mm x 20mm thick**

**OE washer - bolt up with M14 OE bolt**

*Refer Page 3*

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**OE nut (bolt up with supplied M14 bolt)**

- Slide 2nd steel spacer 65mm x 20mm in rear mount. Use supplied M14 x 140mm bolt with supplied spring washer (and large OE washer).

Don't tighten just yet.

**Steel spacer 65mm OD x 20mm**

- Bolt up side mount diff control arm. Torque to 50 ft-lbs.
- Torque both M14 vertical bolts to 135 ft-lbs.

*Refer Page 4*



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- Bolt up new diff-drop bracket using supplied M12 x 75mm bolts (x4)

- Proceed to re-fit rear plastic tray.

Use large nylon spacer 70mm x 22mm thick for rear centre point  
- refer RH image.

- Bolt up with supplied M8 x40mm bolts with flat washer & spring washer.

*Refer Page 5*



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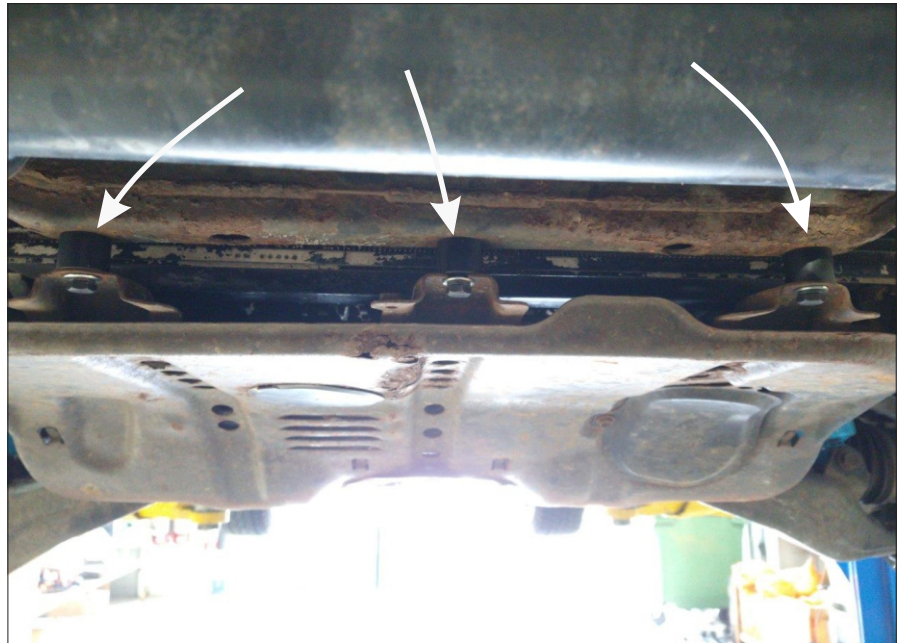
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- Bolt up front steel bash plate  
Place the supplied 3 small steel spacers on the front bolt points - refer RH image.

Again - use the supplied M8x40mm bolts and washers.



- Use the supplied 2 smaller nylon spacers for both sides of bash plate.

Bolt up with supplied M8 bolts and washers.

- Road-test vehicle.
- Re-check all bolts after 100kms.

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