

INSTALLATION INSTRUCTIONS

RAM 1500 DT BATTERY BOX INSTALLATION PROCEDURE

NOTE: FAILURE TO INSTALL THIS PRODUCT AS SPECIFIED IN THE INSTALLATION PROCEDURE WILL VOID ALL WARRANTY. IF ANY PARTS HAVE ARRIVED DAMAGED OR WERE NOT SUPPLIED IN THE KIT, PLEASE TAKE PHOTOS AND THEN PROCEED TO CONTACT YOUR SUPPLIER.

IN THE BOX

- 1 x Battery box chassis bracket
- 1 x Battery box cradle
- 1 x Battery securing bracket (flat)
- 1 x Battery securing bracket (bent)
- 1 x Bolt kit

TOOLS REQUIRED

- Ratchet/electric ratchet
- Breaker bar/rattle gun
- Various sized sockets
- Various sized spanners
- Jack + jack stands/hoist



**OVERLANDING
THE AUSSIE WAY**



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NOTE: Outback Kitters battery boxes are specifically designed for the use with lithium batteries only, this product will not be covered under warranty if used with any other battery type.

NOTE: For ease of installation, we recommend using a hoist or at least a jack with jack stands.

1

1.1

Start by raising the car up and then remove the LHR wheel and inner plastic wheel guard.

Refer Image (1)



Image 1

1.2 Once the plastic wheel guard has been removed, this should provide access to the chassis rail where the battery box will be installed.

Refer Image (2)



Image 2

2

2.1

Unclip the electrical plugs from the bracket mounted to the chassis, remove bracket from the chassis and discard.

2.2 Unbolt the 2 bolts securing the exhaust bracket to the chassis (keep these bolts for later fitment).

Refer Image (3)

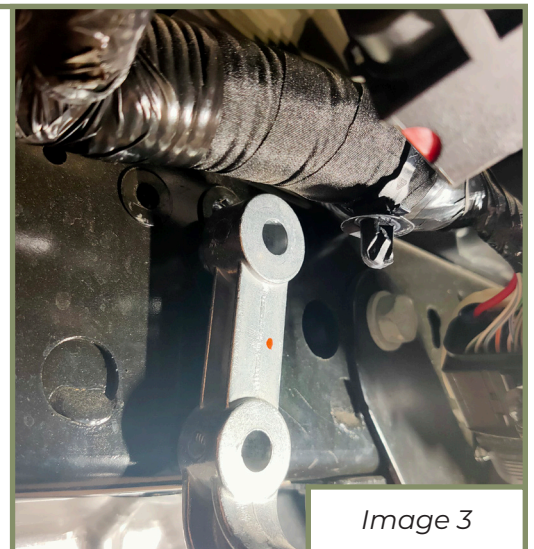


Image 3

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3

3.1

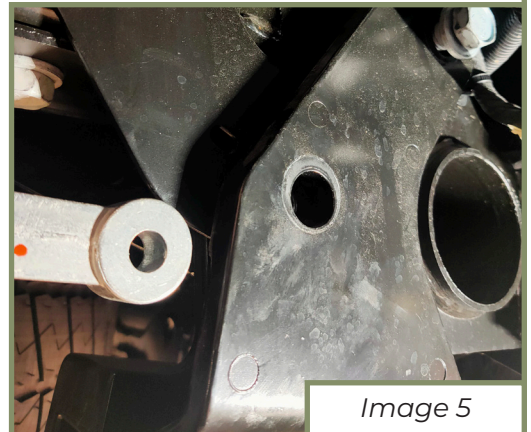
Remove the 2 bolts securing the heat shield from the underside of the chassis rail and discard allowing the heat shield to hang down.

Refer Image (4)

3.2

Remove the 2 bolts securing the towbar to the chassis (keep these bolts for later fitment).

Refer Image (5)



NOTE: if the model is fitted with a bed step, you will need to loosen all bolts securing the bed step so as to allow movement.

Refer Image (6)



4

4.1

Manoeuvre the battery box chassis bracket into place and then secure it with all OEM bolts removed in previous steps that were kept, leave loose at this stage.

Refer Image (7)

NOTE: if you have a model with a bed step, the bracket is situated between the chassis and the bed step.

NOTE: black rectangle washer to be used as spacer between chassis and bracket and bolted using exhaust hanger OEM bolts.

Refer Image (8)



Image 7

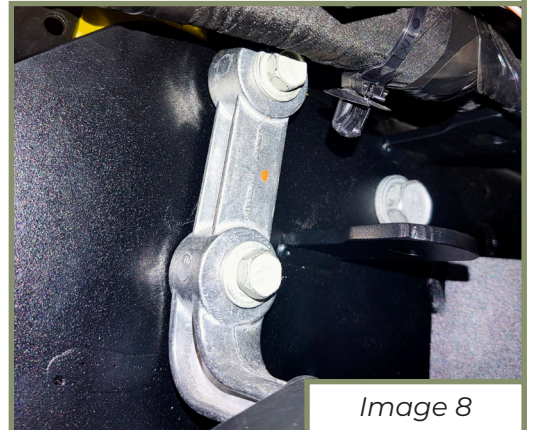


Image 8

NOTE: if the model is fitted with a bed step, you will need to loosen all bolts securing the bed step so as to allow movement.

Refer Image (6)

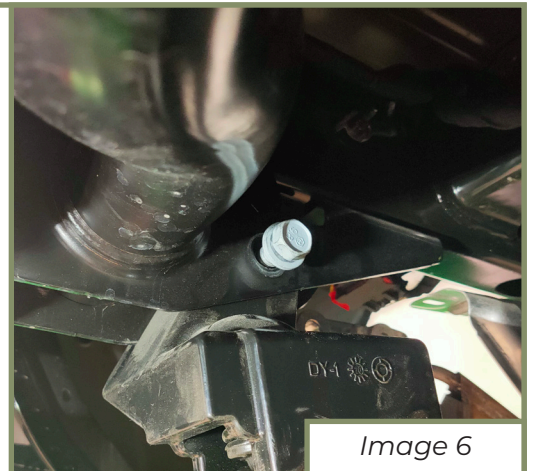


Image 6

5

5.1

Using the M6 x 25mm bolts, spring washers and washers, secure the heatshield back to the bottom of the chassis through the bracket.

Refer Image (9)



Image 9

5.2

Secure the frontward hole with a M10 x 95mm bolt washers and locknut, ensure the large gold square washer is installed on the inner side of the chassis so as to cover the hole and the large black square washer used as a spacer between chassis and bracket

Refer Image (10 and 11.)

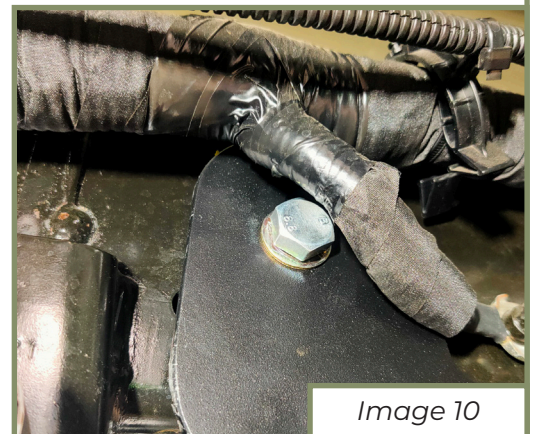


Image 10



Image 11

NOTE: Some models do not have the lower factory OEM M12 bolt in the towbar, a bolt and washer has been provided if this is the case.

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6

6.1

Begin to tighten all bolts starting with the 2 M6 bolts on the underside of the chassis.

6.2

Once all bolts have been tightened, proceed to secure the battery box cradle to the battery box bracket with the supplied M10 x 40mm bolts spring washers and washers and tighten all bolts.

Refer Image (12 and 13)

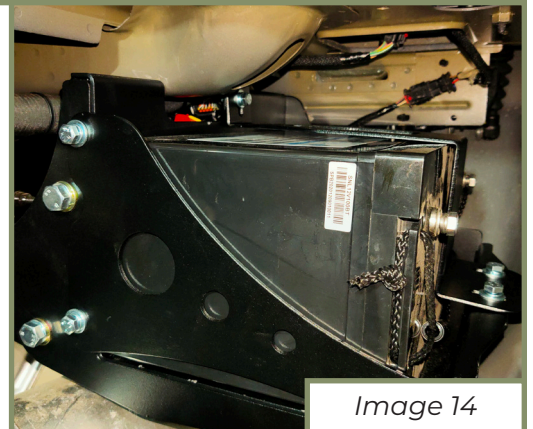


7

7.1

Next, slide the battery into the battery box with the battery on its side and the terminals facing upwards.

Refer Image (14)



8

8.1

Next, slide the battery into the battery box with the battery on its side and the terminals facing upwards.

8.2

Once the plastic guard has been reinstalled and tightened, lower the vehicle back down to the ground and torque wheel nuts to 176 NM.

INSTALLATION COMPLETE!

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