

REDFOOT

LEVELLING

IVECO 50c 2021 Chassis Bracket Installation

Part Number IV50C-21SL



Bracket kit assembly includes:

1x BRI-2021 – Front Driver side mounting bracket



1x BRI-015C – Front Passenger side mounting bracket/plate



1x BRI-001 – PAIR of Rear extender mounting brackets

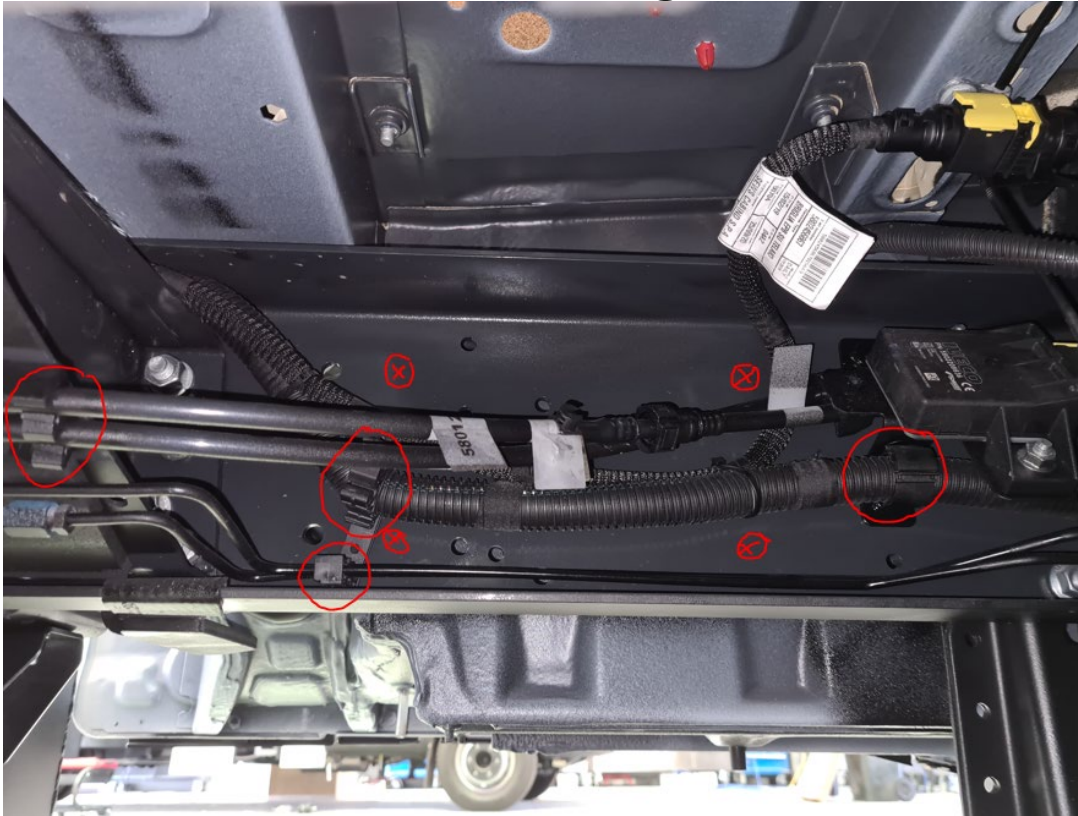


16 x ½" Bolts for mounting cylinders

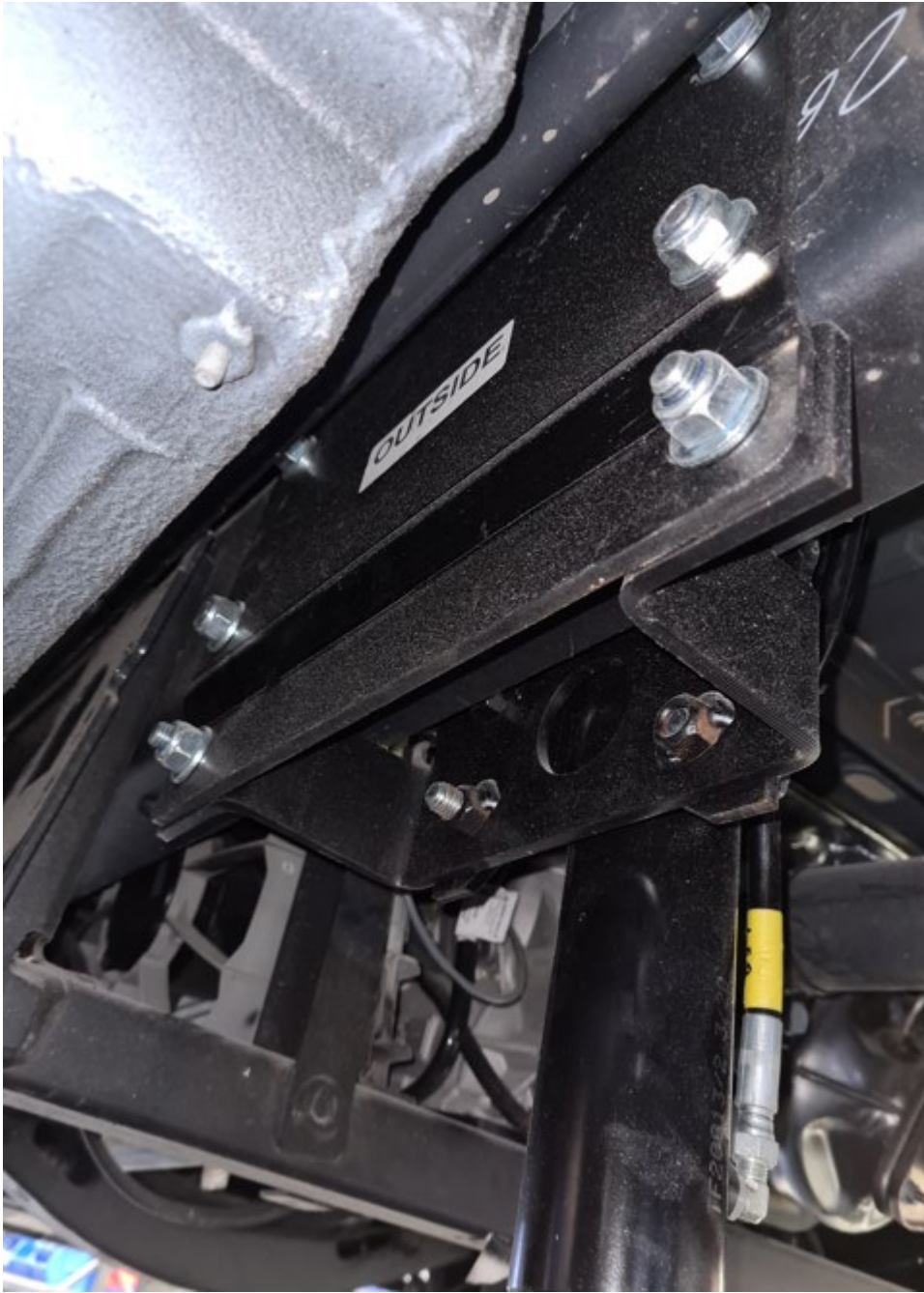
22 x ½" Bolts, Washers and Nuts for mounting Brackets

***You will require the use of ¾" Socket and ¾" Spanner**

REDFOOT Front Passenger side location



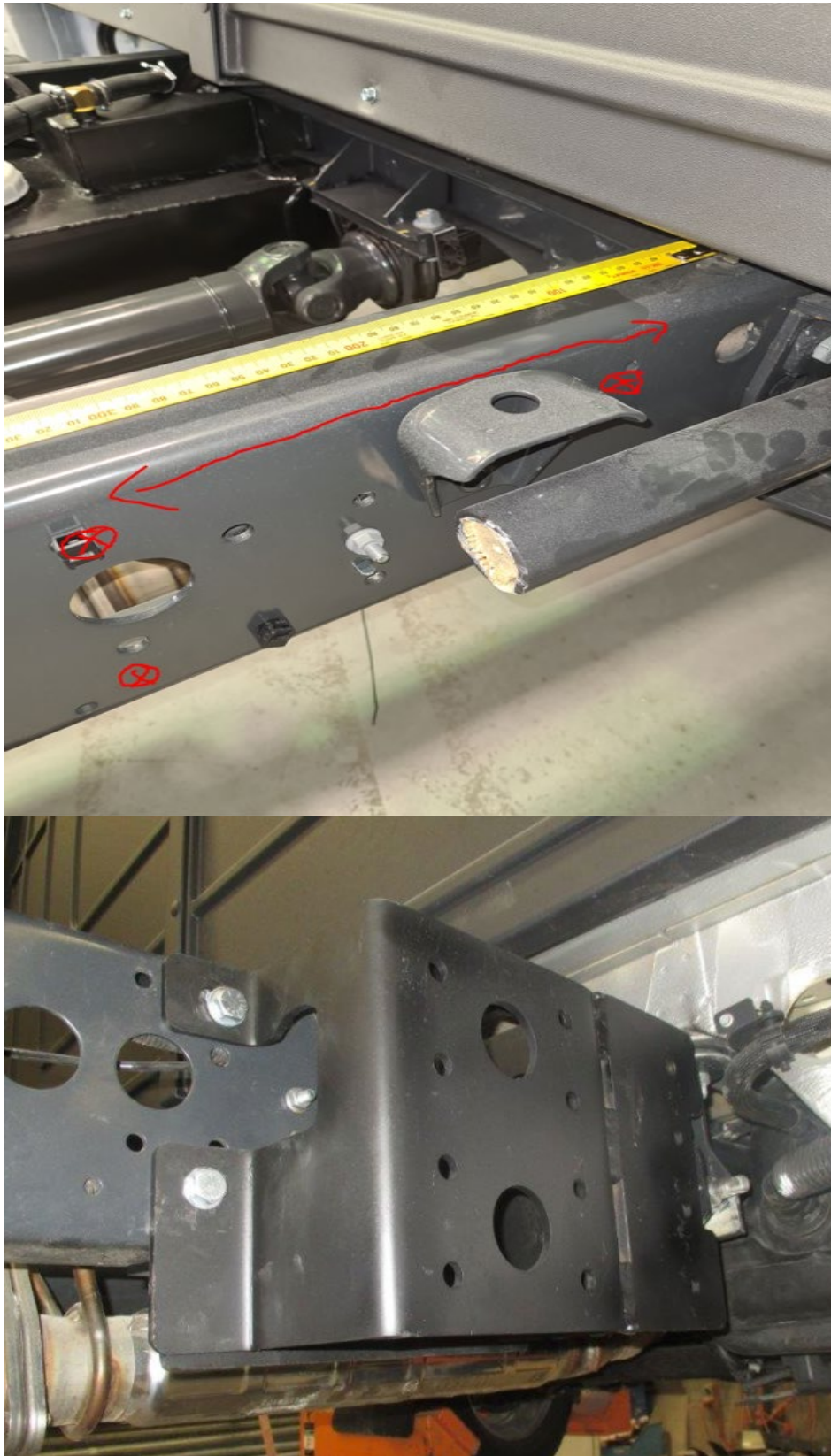
- The bracket location will be inside the chassis rail under the passenger seat.
- Firstly, loosen the fastening clips as circled, these hold the fuel lines, wiring looms and brake lines. This will make it easier to move the bracket into position when mounting the bracket. The bracket is designed to allow these lines to be pushed underneath the bracket once affixed.
- Hold the bracket in position and mark with a paint pen, the four holes to allowing drilling into chassis as shown.
- Using a 13mm drill bit, drill the four holes as required.
- The mounting bracket will have two parts, Inner cylinder bracket and an outer support plate. Align the bracket holes, backing plate holes with the new chassis holes and insert the bolts and nuts supplied. Tighten using a $\frac{3}{4}$ " Socket and $\frac{3}{4}$ " Spanner. Ensure to use all washers supplied in kit.
- There are two more holes on the bracket and backing plate below the chassis. This will reinforce and clamp the two parts together once tightened with two more bolts and nuts as shown.

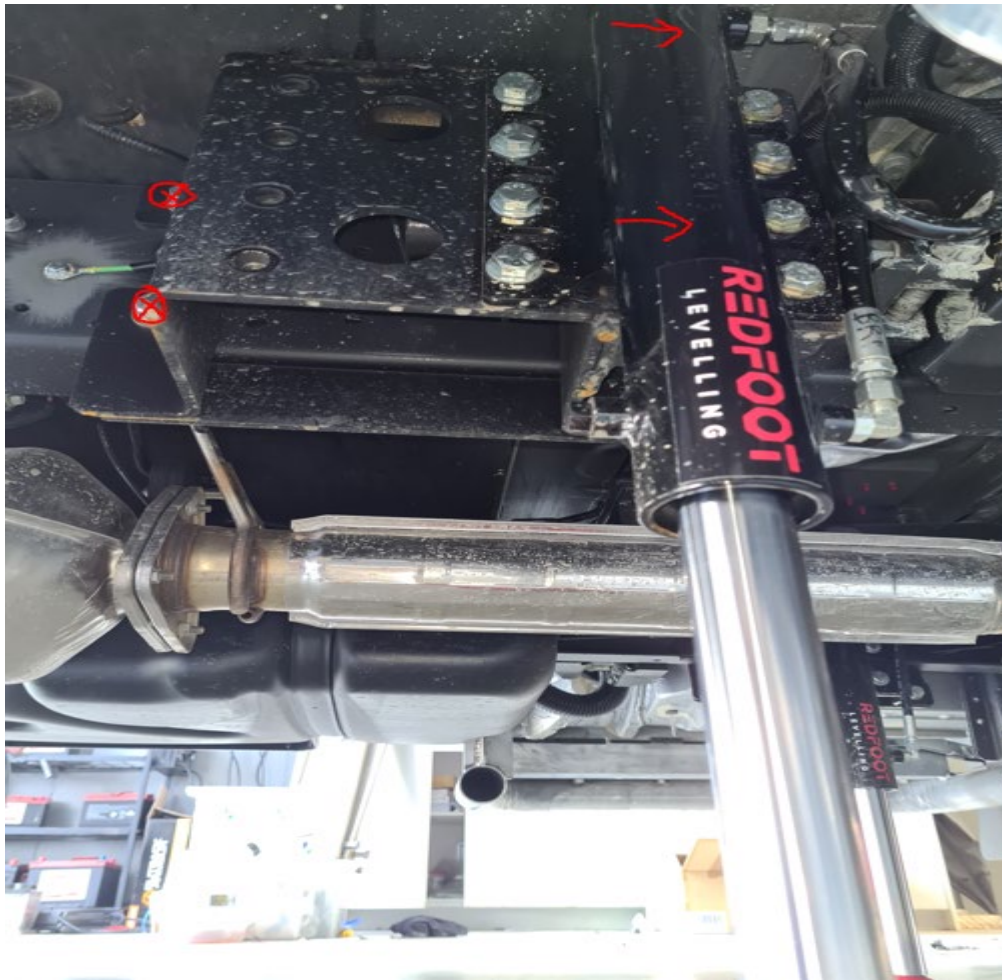




- Once you have the bracket mounted onto the chassis you can now affix the 13" cylinder provided in the kit using a minimum of 6 bolts.
- Move the cylinder up and down the bracket until you find the ideal height. (200mm from under foot or bottom of hydraulic cylinder to ground is ideal)
- Once you have achieved this, use the bolts, and tighten using $\frac{3}{4}$ " Socket or $\frac{3}{4}$ " Spanner.
- Ensure you spread each bolt as circled and try and pick up the lowest hole on the bracket if possible.

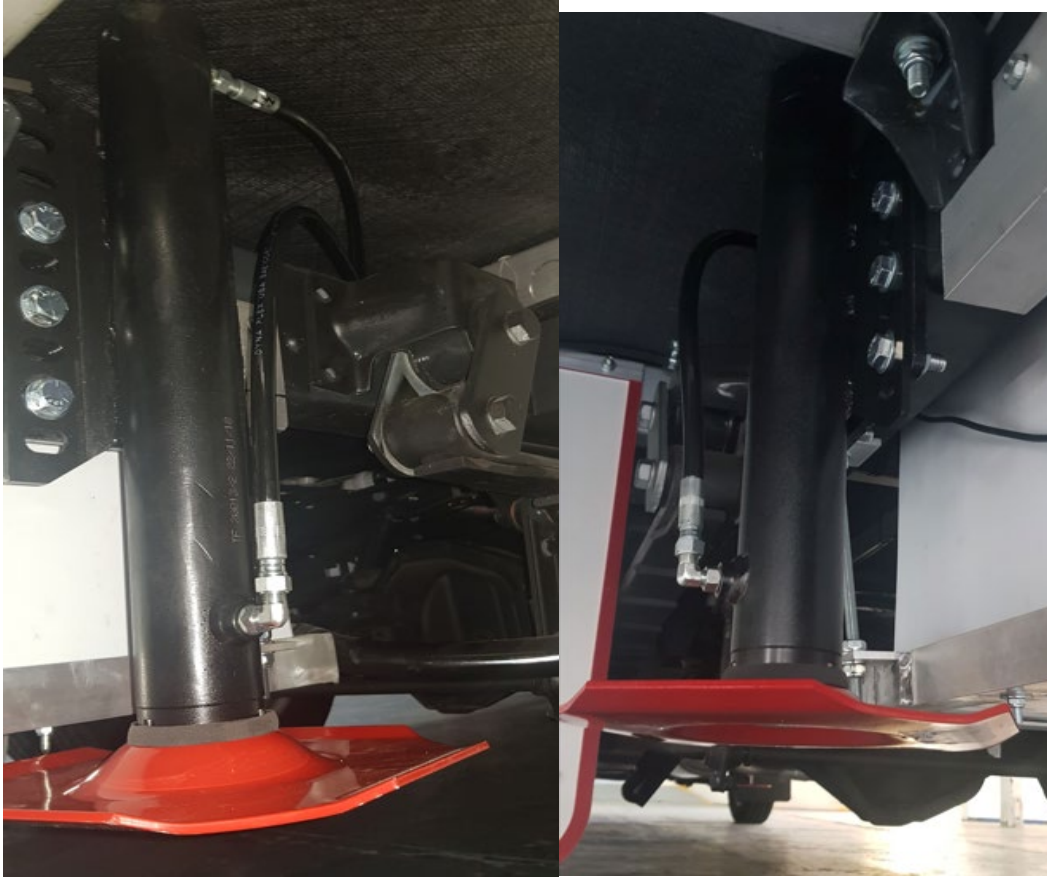
REDFOOT Front Driver side location





- The front driver side location will be offset, meaning the bracket location will be further back on the chassis approx. 450mm, just behind the cab. See pictures above. The reason for this is in Jan 2021 Iveco included the 'Adblue' tank mounted outside the chassis rail, underneath the driver seat.
- Hold the bracket into position by using the 90 degree guide plate on the bracket to fit flush to the underside of the chassis. Mark with a paint pen four holes to allowing drilling in the chassis.
- Using a 13mm drill bit, drill the four holes where possible.
- With the bracket in position and affixed with the four bolts, washers and nuts provided, tighten each using a $\frac{3}{4}$ " Socket and $\frac{3}{4}$ " Spanner.
- Place the 13" cylinder plate flush against the bracket and move up and down until you find the ideal height, then align each hole. (approx. 200mm from under foot or bottom of hydraulic cylinder to ground is ideal)
- Once you have achieved this, use a minimum of 6 bolts and tighten using a $\frac{3}{4}$ " Socket or $\frac{3}{4}$ " Spanner. Ensure you spread each bolt and try and pick up the lowest hole on the bracket as possible.

REDFOOT Rear bracket locations



- The ideal location for the rear left and right brackets is directly behind the spring hanger, outside chassis rail as shown. In some instances the exhaust may impede this location and will need to be moved or modified.
- Use the 90 degree guide plate on the bracket to fit flush to the underside of the chassis, then with a paint pen mark the four holes required. Drill the holes using a 13mm drill bit.
- Once you have drilled the holes, mount the bracket including the 15" cylinder onto the chassis with the four bolts, washers and nuts provided. (The optimal underfoot to ground height should be approx. 220-250mm). Once you have achieved this tighten the four bolts using a $\frac{3}{4}$ " Socket and $\frac{3}{4}$ " Spanner.
- Now that the 15" cylinders are affixed, use two more bolts, washers and nuts in the holes directly below the chassis rail and tighten.

REDFOOT Keypad Recommendation



- The ideal location for the keypad is near the entrance inside the vehicle. For ease of use, mount the keypad on the side as you enter the motorhome so when you are facing the keypad you are facing forward in the vehicle. (Like you are driving the vehicle)
- This position will allow you to operate from either inside or outside the vehicle. Allow enough space behind the keypad panel to give good access to harness connection plugs.
- You will require a Cutting Router to cut a hole in the wall and Power Drill to screw and affix the keypad to the wall.

REDFOOT Pump/Manifold Locations



- The ideal location for the Pump/Manifold can be inside E.g Storage compartment or outside the vehicle as shown. The important thing is to have ease of access in the case of a 'manual override' to retract all cylinders. This can only happen if you lose all power to the system and you need to move on from your site.
- There are two access points you need in a manual override situation; access to front of motor and access to the four valves on the side of pump. See the picture directly above with the arrows pointing to these. For more information on this process read the manual override section in your user manual.
- If you decide to install the Pump/Manifold to the underneath of the vehicle please ensure you install a protection cover to prevent objects hitting the unit or reservoir, potentially damaging the system.

REDFOOT Operational



- For further information contact:
Redfoot Levelling Pty Ltd
Unit 1, 7 Abeles Street
Baring QLD 4551
Ph 07 5228 0211
www.redfootlevelling.com.au