

REDFOOT

LEVELLING

IVECO 50c PRE2015 Chassis Bracket Installation

Part Number IV50C-14SL



Bracket kit assembly includes:

2x BRI-2021 – Front Driver and Passenger mounting brackets



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



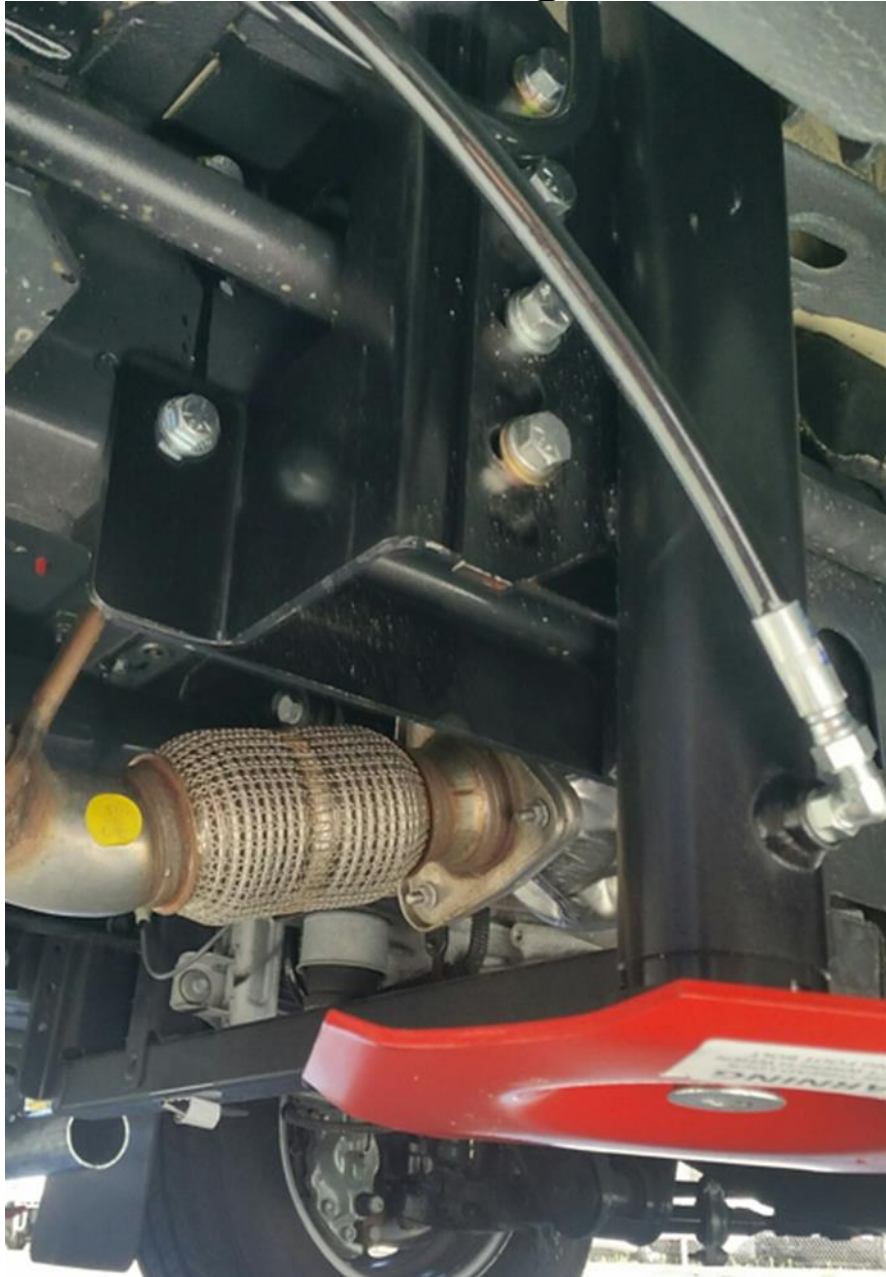
32 x ½” Bolts for mounting

20 x ½” Nuts for mounting

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

***Serrated flanged hardware must be torqued to 77Nm (57lb-ft).**

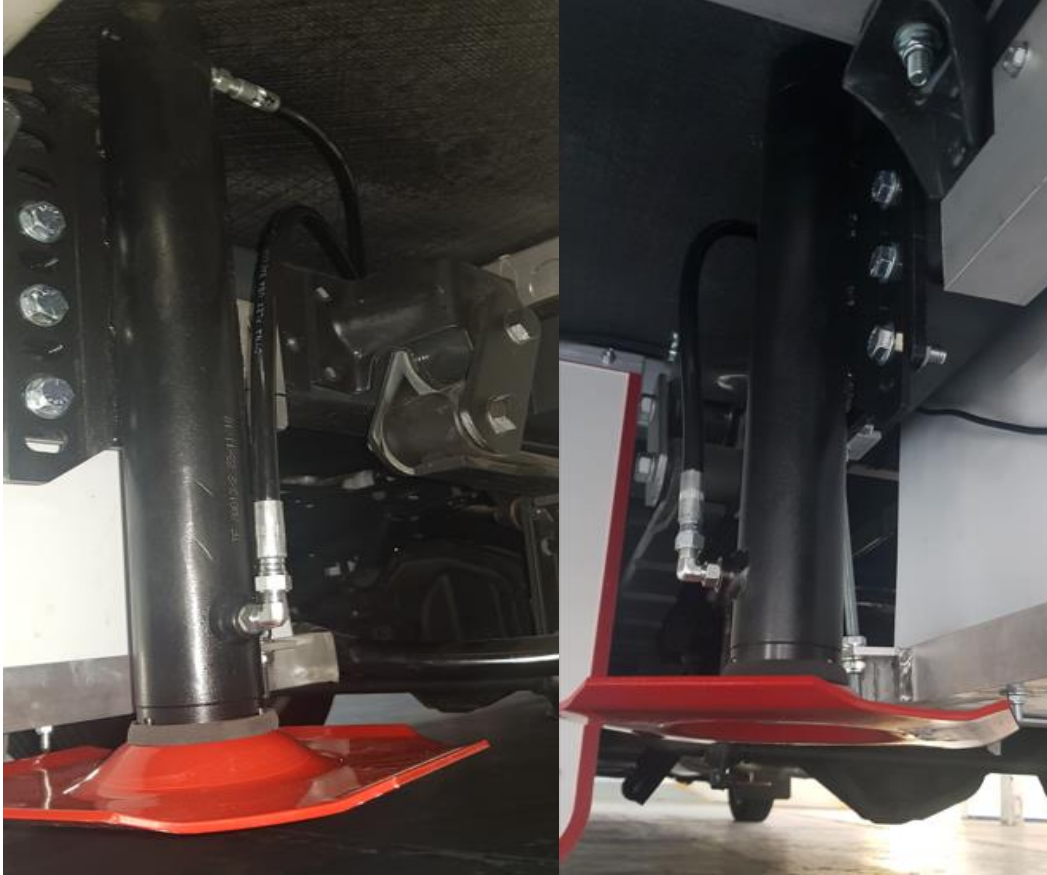
REDFOOT Front mounting bracket locations





- The front mounting bracket locations are to be mounted directly across from each other, outside chassis rail and directly under the cab driver and passenger seats as shown.
- Hold the bracket into position by using the 90 degree guide plate on the bracket to fit flush to the underside of the chassis. The bracket is designed to go over and around the torsion bar. In some instances you may need to slightly grind the inside of the bracket to prevent the bracket from touching the torsion bar. Once in position mark with a paint pen four holes to allowing drilling into the chassis.
- Using a 13mm drill bit, drill the four holes where possible.
- With the bracket in position and affixed with the four bolts 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, tighten using 6 - 8 bolts and $\frac{3}{4}$ " Socket or $\frac{3}{4}$ " Spanner. Ensure you spread each bolt and try and pick up the lowest hole on the bracket as possible as shown above in the picture.

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 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 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



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