



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



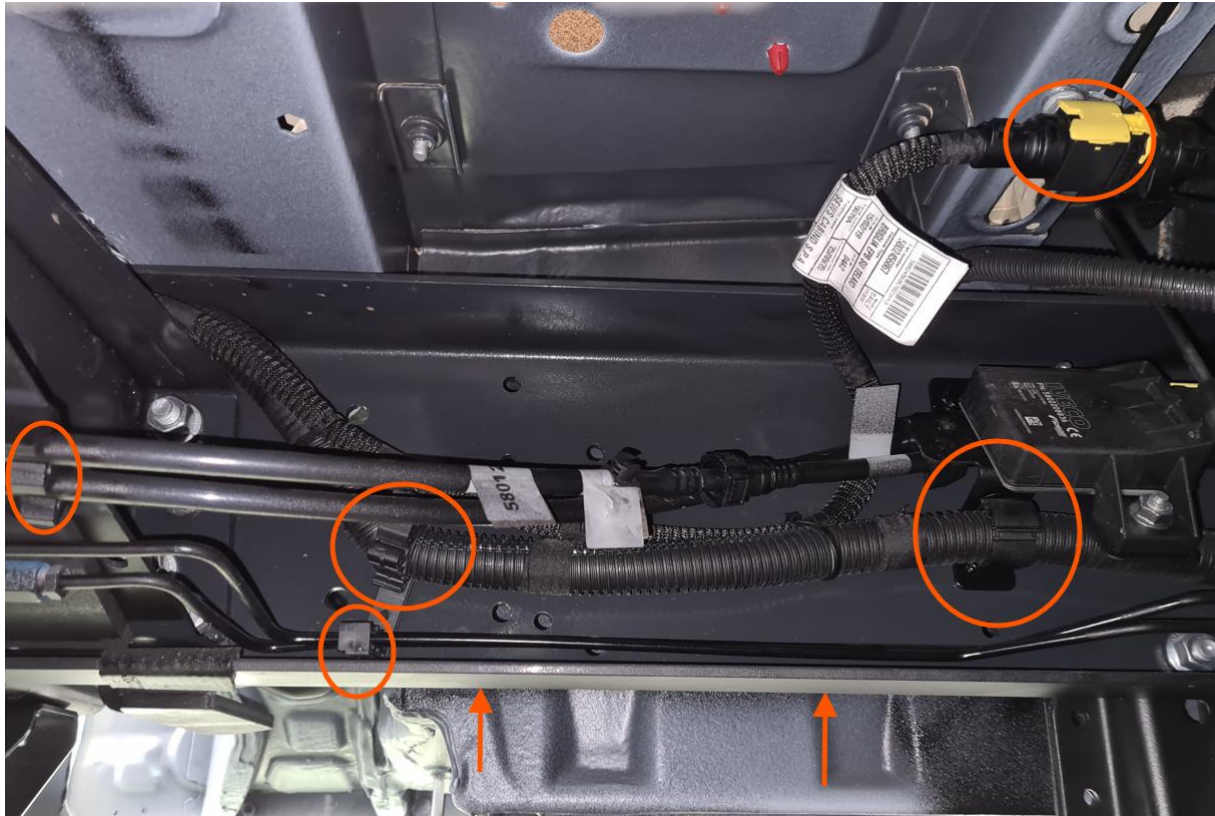
34 x ½" Serrated Flange Bolts for mounting

24 x ½" Serrated Flange Nuts for mounting

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

***Serrated flanged hardware must be torqued to 86Nm (63lb-ft).**

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 or around the bracket, once in position.
- Hold the bracket in position using the bottom edge of the bracket to be touching the bottom of chassis rail as a guide. (arrows show the bottom of chassis). Push the bracket as far to the left as possible. Once in position mark the four mounting holes with a white pen, now marked you can start drilling into chassis.
- 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 ¾" Socket and ¾" Spanner. ****IMPORTANT** DO NOT MOUNT BRACKET UPSIDE DOWN!!!**
- There are two holes on the bracket and backing plate below the chassis. Insert the bolts and nuts once you have clamped the two parts together, tighten the bolts and nuts as shown.

Drilled 4x 13mm holes in the approximate locations.



****IMPORTANT** DO NOT MOUNT BRACKET UPSIDE DOWN!!!**

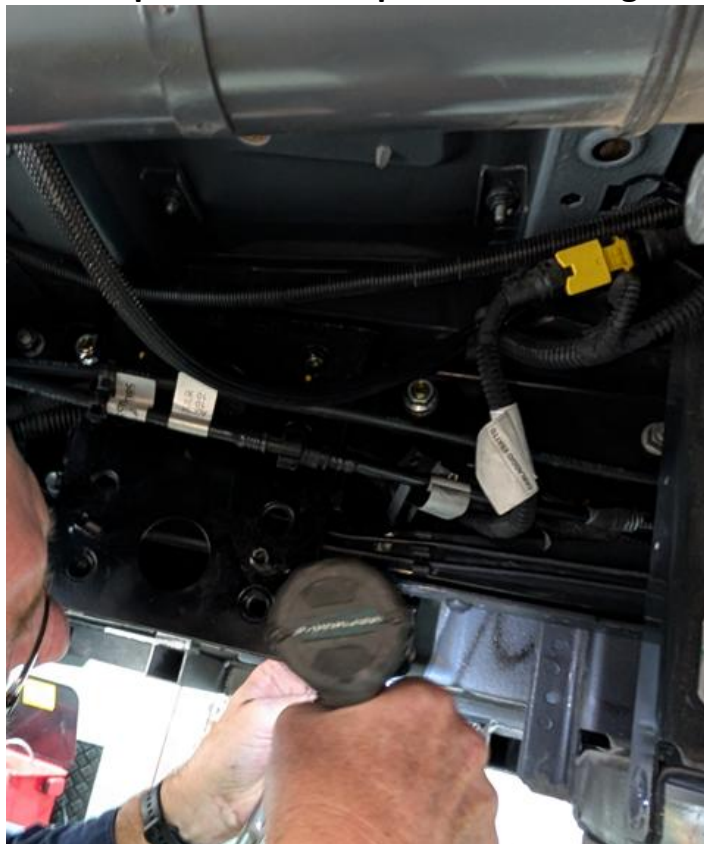
Position bracket into place by aligning the holes with the backing plate holes.



Hold into place and insert the flange bolts and nuts as required.



Use $\frac{3}{4}$ " Spanner and torque wrench to tighten.

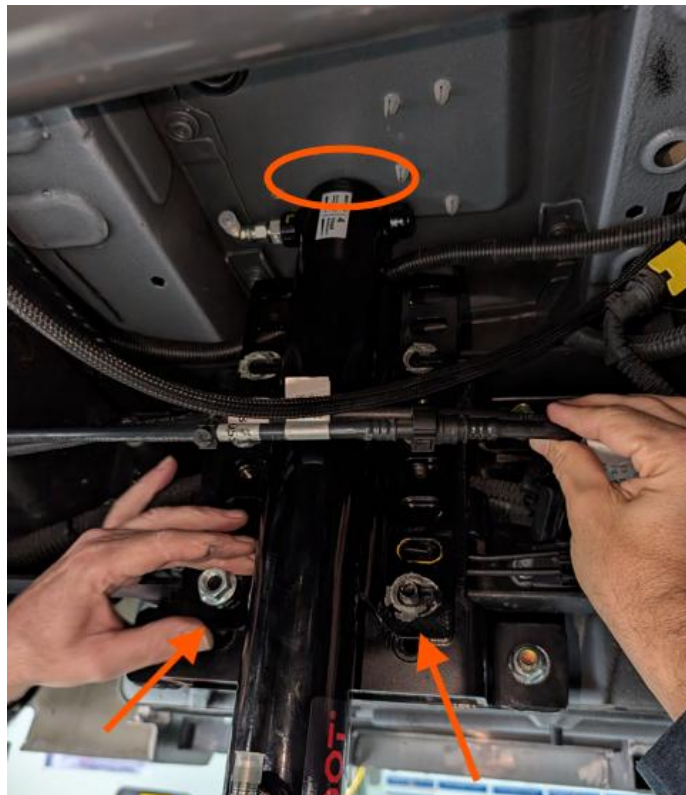


Place the cylinder onto mounting bracket.

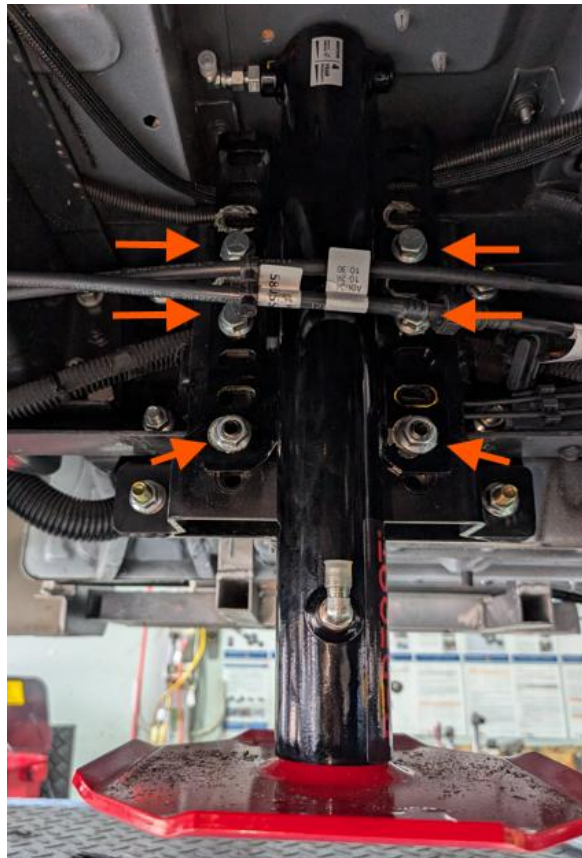


****Important****

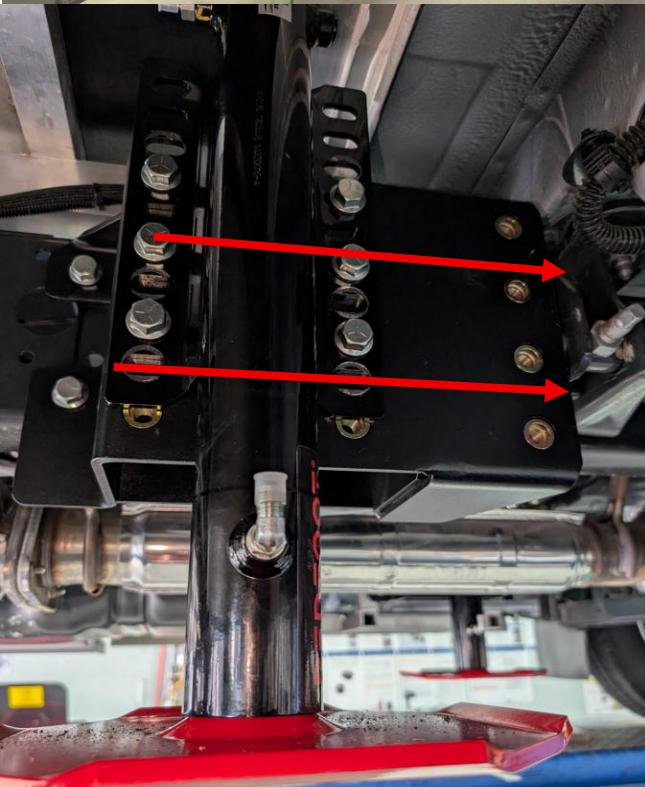
Use the two bottom bracket studs to align with the cylinder plate holes as shown. The cylinder can be placed as close to underfloor as possible or whatever is necessary to meet minimum height of foot plate.



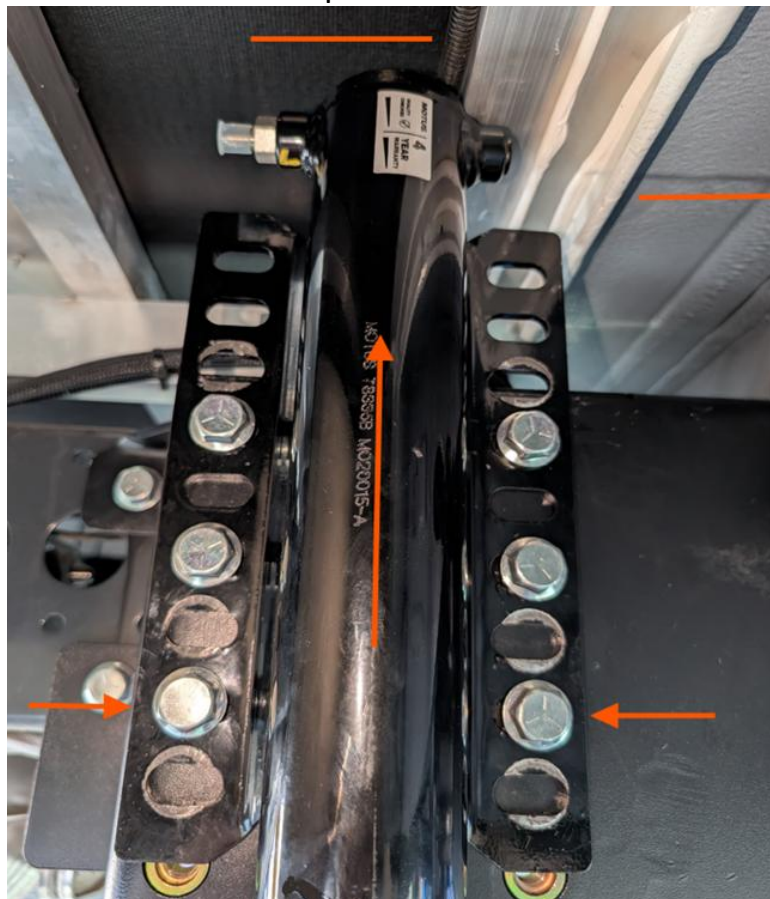
- Once you have the bracket mounted onto the chassis you can now affix the 13" cylinder provided in the kit, using 4 Flange bolts and 2 Flange nuts.
- Ensure you spread each bolt as shown and it's important to pick up the lowest hole on the cylinder plate as mentioned.
- The height from under the foot plate of the hydraulic cylinder should be approx. 190-200mm to the ground.



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. This is because in Jan 2021 Iveco included the 'Adblue' tank mounted outside the chassis rail, underneath the driver seat.
- Hold the bracket into position by placing the 90-degree guide plate on the underside of the bracket so it fits flush to the underside of the chassis. Ensure you place the bracket as far to the front of the vehicle as possible along the chassis rail. Mark with a paint pen using the four mount holes, once marked you can start drilling into the chassis.
- Using a 13mm drill bit, drill the four holes.
- With the bracket in position and insert the four bolts and nuts provided, tighten each using a $\frac{3}{4}$ " Socket and $\frac{3}{4}$ " Spanner.
- You will have two location options on the bracket when mounting the 13" cylinder. These options give you the best height placement either under the cab underfloor or behind. Place the 13" cylinder plate flush against the bracket and move up and down until you find the ideal height, then align each hole. (190 - 200mm from under the cylinders foot plate to ground is ideal)
- Once you have achieved this, use 6 fanged 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 or suspension, 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. 200-230mm). Once you have achieved this tighten the four bolts using a ¾" Socket and ¾" 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 door 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 the front in the vehicle.
- Mounting the keypad close to the centre of the vehicle also helps the overall levelling performance.
- The other reason to mount in this location is so you can hear the audible alarms or beeps while driving for added safety.
- 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 is inside a storage compartment or inside the vehicle. The important thing is to have ease of access in the case of a 'manual override' situation, when it's required to retract all cylinders. There are two access points you need in a manual override situation you will see the picture 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 Levelling is not responsible for pumps being installed in areas with limited access or potential hazards. Warranty claims do not cover poor positioning of pumps. *

REDFOOT in Operation



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