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Renault Clio 3 RS RHD Brake Bias Box

This bias box replaces the original brake pedal and allows for better brake pedal resolution and modulation for greater control. The kit cannot be used with ABS and requires a front/rear brake line split.

The selection of master cylinder sizes gives different feel to the brake pedal and can be matched to certain different brake calliper piston sizes. In general we offer a 13/16" rear cylinder

0.7" Front for softer pedal that offers more modulation

0.75" front for firmer pedal with less modulation

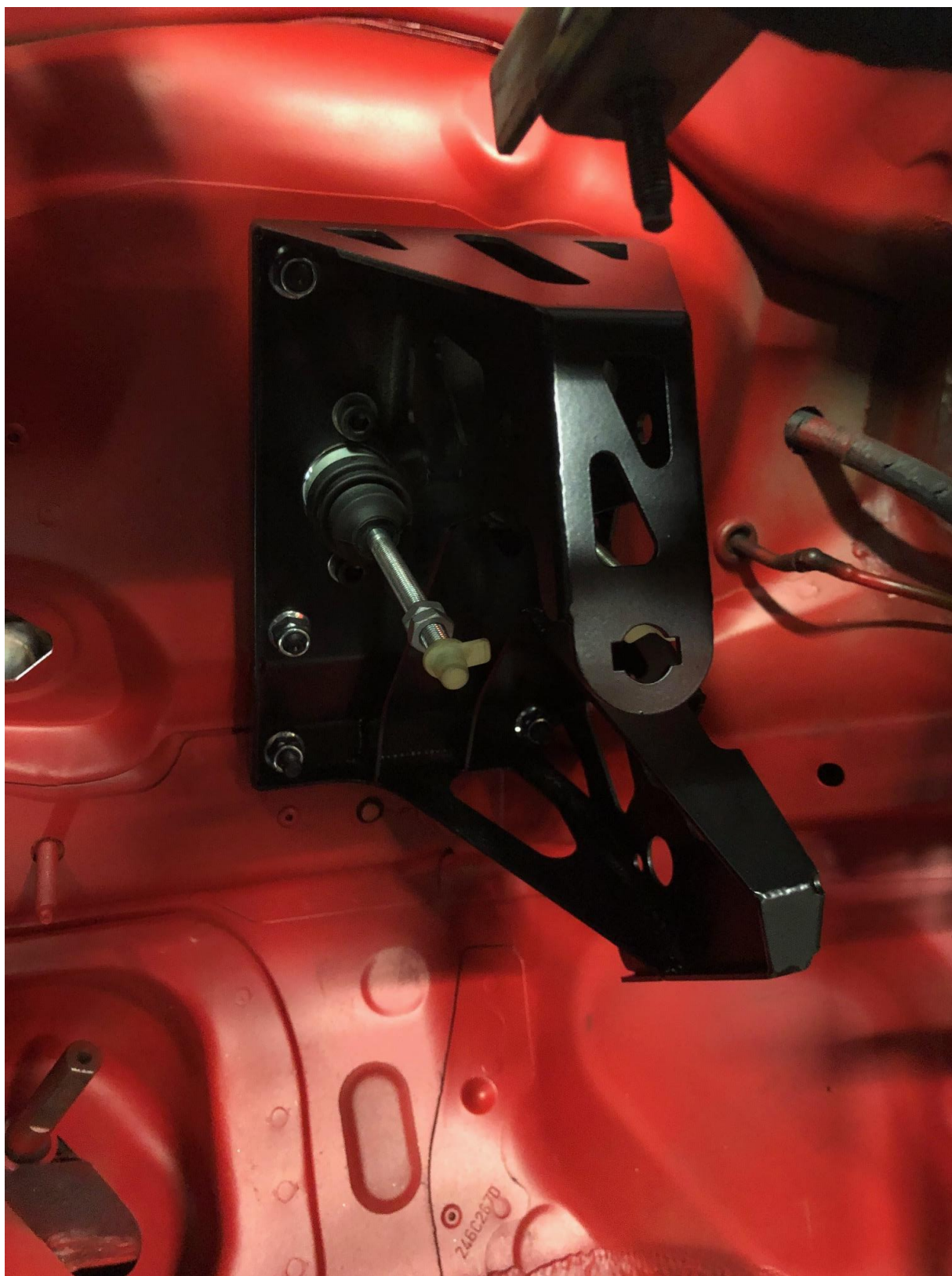
Fitting.

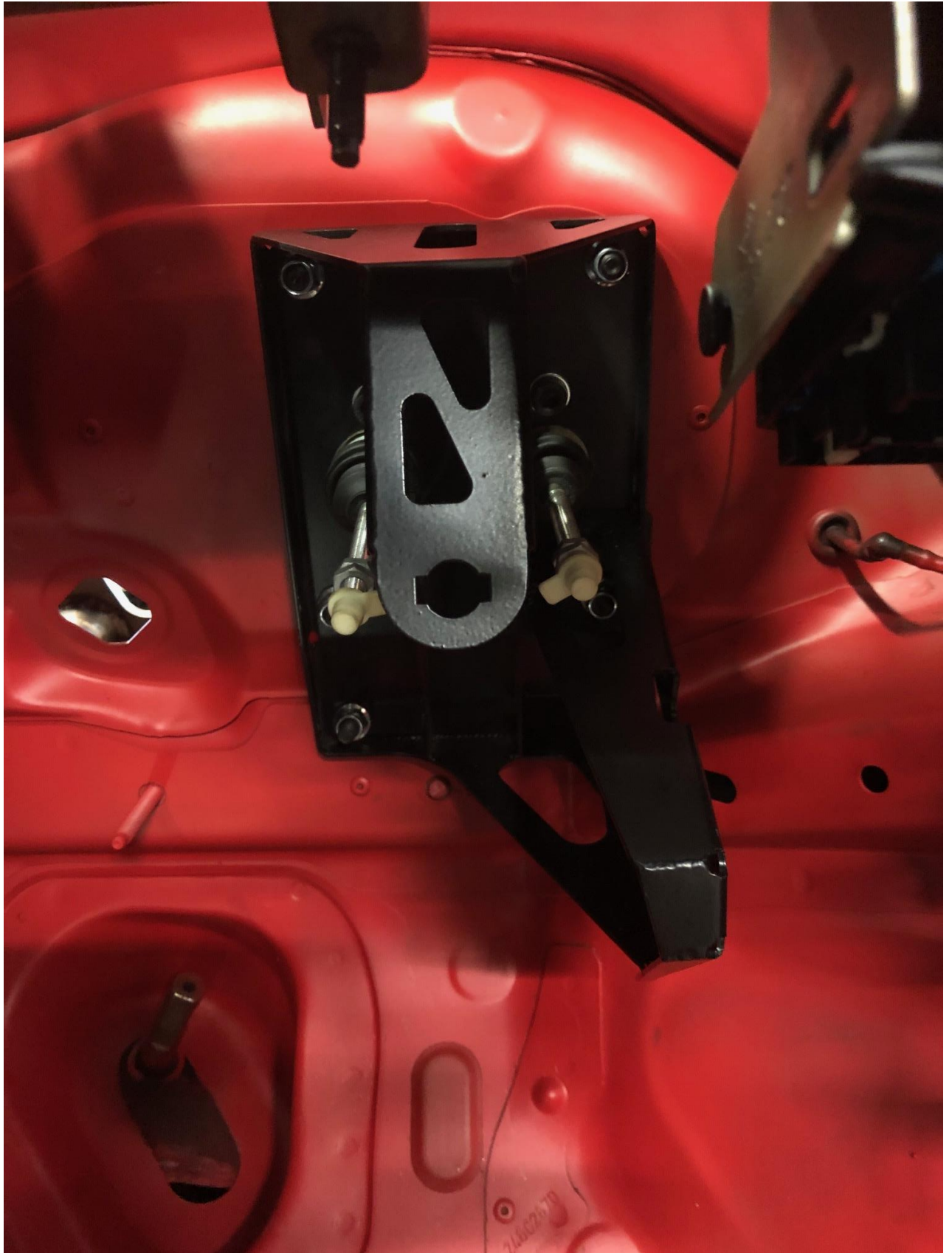
We strongly recommend that a professional with suitable experience fit this kit.

Remove the standard brake pedal and servo assembly. The servo hose will need to be blanked off at the manifold.

Remove the paint around the hole left in the bulkhead and weld in the steel blanking plate.

Offer up the new pedal assembly, placing it to the right hand side as far as possible as shown below:





Mark and drill two holes in diagonally opposite corners and ensure the pedal box is level and square. Drill the remaining holes through the bulkhead but do not bolt up at this point. Mark the centre holes of the two master cylinders and use a very small

drill as a centre pilot. Using a 35mm stepped drill, drill through the bulkhead AND through the bias box. Drill the holes for the master cylinder mounting studs so that the master cylinders can fit through and check position.

Once happy with the position and fit, remove the bias box, deburr and paint all holes and blanking plate and carry out the final fit of the bias box.

The bias box will accept either the Clio 3 or Clio 4 throttle pedals but the Clio 4 pedal is a closer fit to the brake pedal and allows easier heel and toe downshifts.



Plumb in the brake pressure side using a front/rear split and a rear bias valve can be used in conjunction with this bias box.

Plumb in the supplied reservoir or your own supplied reservoir and bleed front and rear brakes together to reduce the risk of bias box damage noting the instructions from Tilton:

Set up the bias bar in accordance with the enclosed instructions with the bias bar or they can be found here: <https://tiltonracing.com/wp-content/uploads/2013/07/98-1250-600-Series-Balance-Bars.pdf>

If you get stuck please ring for help and advice.

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