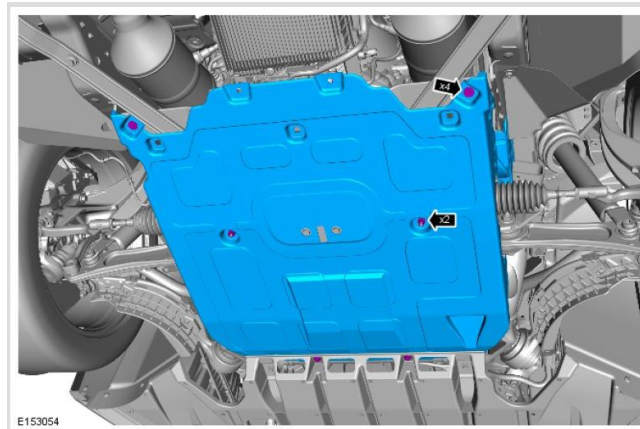




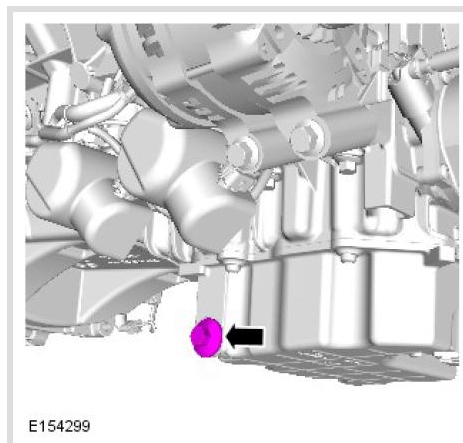
**NAME: MECHANICAL VACUUM PUMP
DELETE KIT FOR JAGUAR F-TYPE**

SKU: VEL-JLRSCVACUUMPUMPKIT

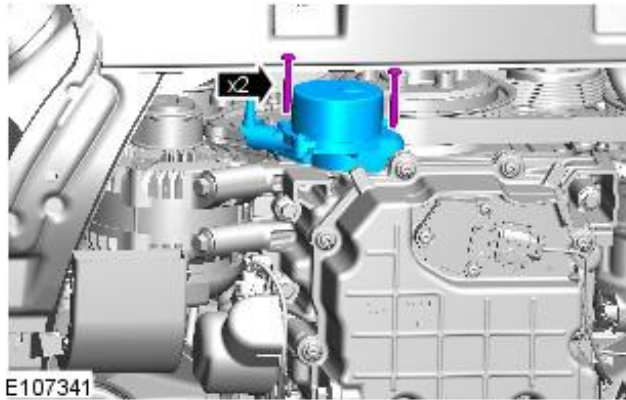
- ✓ For additional questions related to the installation of your new Mechanical Vacuum Pump Delete Kit for the Jaguar F-Type., please email us at: info@velocityap.com. This FAQ is meant to assist with the installation but not provide a step-by-step guide. **Please refer to this video for installation: <https://www.youtube.com/shorts/jBFfk3cdtoo>**
- ✓ **Before beginning any work, please verify you've received the following items:** Aluminum blank off plate with tear drop shaped gasket, metal mounting bracket, Hella vacuum pump, 3 pieces of vacuum hose adapters, 2 sets of mounting screws, Volvo style 3-way vacuum switch, one rubber vacuum cap and a wiring harness.
- ✓ Remove the air deflector undertray. (10mm socket required) Once removed, you can set this out of the way.



- ✓ Drain the oil from the vehicle. The drain plug is located behind the undertray previously removed.



- ✓ Remove the two 8mm bolts holding the OEM Brake Vacuum Pump and disconnect the vacuum line and replace with the included metal blank off plate and tear drop shaped gasket included in the kit.



- ✓ Once removed, the brake vacuum line has another quick connect further up that will allow you to remove this from the vehicle. Use the provided rubber cap/zip tie to cap the bottom of the remaining vacuum hose still in the vehicle. (picture of removed vacuum hose).



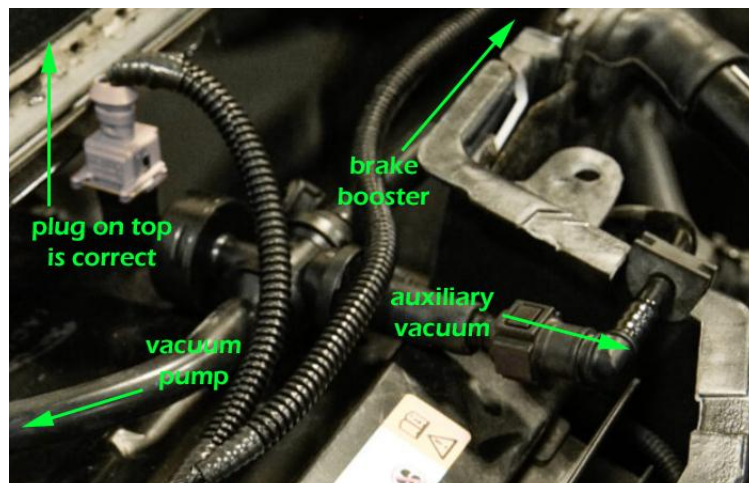
- ✓ You can now reassemble everything underneath the car and move to the top of the engine for the remainder of the install. **Reminder: Do not forget to complete the oil change.**
- ✓ For vehicles **WITH** the pedestrian active bonnet (aka Pedestrian Protection System) installed (see example below). You will need to locate an area in the vehicle to install the bracket and vacuum pump following the remaining steps, however you will be unable to use the location shown below.



- ✓ For vehicles **WITHOUT** the pedestrian active bonnet (aka Pedestrian Protection System) installed, you will be working in the following area of the vehicle for installation. LHD, passenger side, under the cowl near the in-cabin filter location. See video earlier in this FAQ and product photos for details.



- ✓ Installation process follows the steps outlined in the video in the first bullet point:
 - Install the pump onto the bracket using the provided mounting screws **BEFORE** installing into the recessed area shown. The bracket is installed with the flat part of the bracket facing downward (opposite of the direction shown in the video, see picture above) and the side with the two mounting holes resting against the chassis. Think of an L shape once installed.
 - The wiring harness has both a ground wire and relay.
 - Use one of the 10mm bolts holding the in-cabin filter air box to mount the relay to the chassis
 - Use one of the mounting screws for the bracket to secure the ground wire as you install the vacuum pump + bracket into the vehicle.
 - The power wire needs to be run to an "ignition on" location. The fuse box located under the driver's side (LHD) cowl is one option or running wire into the passenger side cabin fuse box is another.
 - Wiring harness has a unique, keyed connection for the Volvo style switch and needs to be connected.
- ✓ Use the provided vacuum hose to connect the pump to the switch. **PLEASE NOTE: The switch MUST be oriented with the plug side facing up (do not rotate this with the switch side facing down), see picture below.**



- ✓ Make sure all hose fittings are secure, use clamps if preferred (not provided) and test connections.
- ✓ When you first go to unlock the vehicle and open the door, you should hear an audible sound of the pump kicking on to build pressure. Once pressure is achieved, the pump will cut off.
- ✓ Other systems, such as active exhaust, should continue to work like normal. If you experience an issue, you will need to do a vacuum leak test to determine the cause, as we have tested and confirmed this kit will still properly support exhaust closing. **Exhaust actuators require approximately 18-22inHg (engine vacuum) to operate.**
- ✓ **Please note: It is normal at idle when pressing the brake pedal to hear the pump cycle on and off again. Under low RPM, when parking, you may also hear the pump cycle on and off. Under normal driving conditions, the pump will most likely not be audible.**
- ✓ If the pump does not stop making noise or does not build pressure, please check for leaks or contact us for additional assistance.

Thank you for your purchase. Tag us in any of your photos or videos once installed.

