

# Forza Componenti



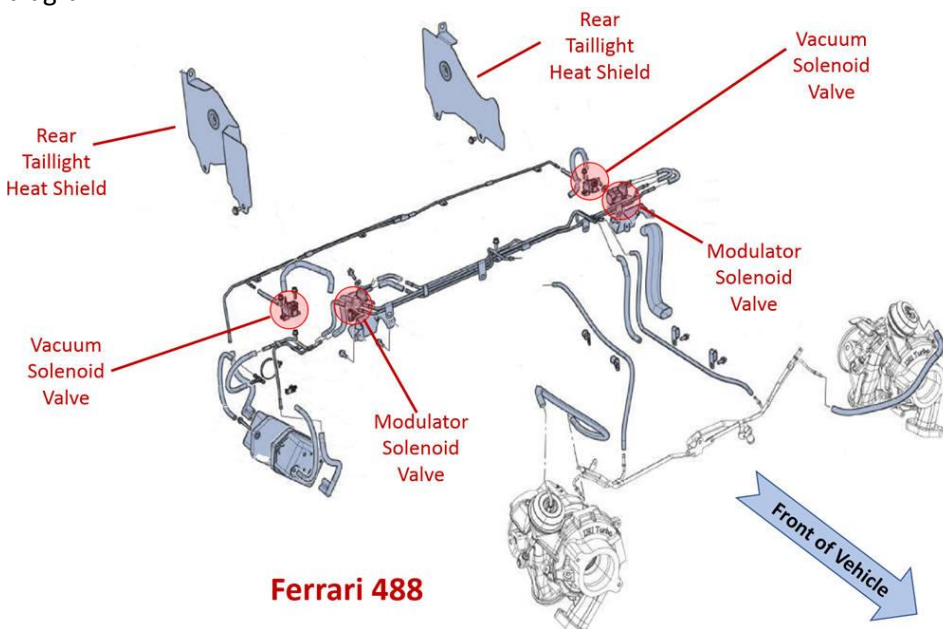
## Ferrari 488 Install Tips

### Important Note:

Installation tips generated from personal feedback from customers. Results are not guaranteed and are provided as a suggestion only.

### Accessing the Vacuum Solenoid Valves

The vacuum solenoid valves are located in front of the left and right tail light heat shields on the car. Refer to this diagram.



Accessing the vacuum solenoid valves is relatively easy. You do not have to remove the rear bumper. You will need to take care to not mistake the Modulator Solenoid Valves for the Vacuum Solenoid Valves. They look similar. The Modulator Solenoid Valves have a couple of U-shaped rubber tubes attached to them. Do not connect the Forza controller to these solenoids.

### Potential Controller Module Installation

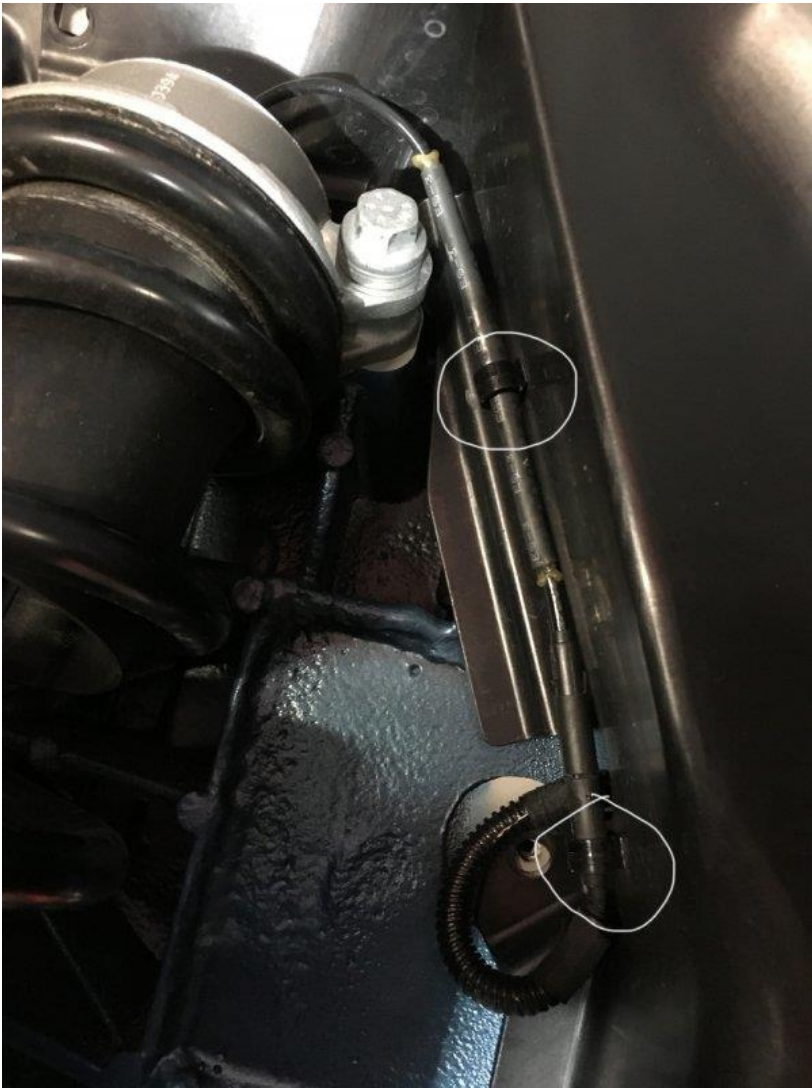
There are several locations in the engine bay. An obvious choice is to install the controller immediately in front of the rear bumper. Locating it on a cross member or similar structural component. In this example, the module is installed behind an engine bay panel. You should not need the extension cable, however, it does provide even greater flexibility on controller module locations, for example, in the front section of the engine bay behind a removable panel. An advantage of this approach is that it grants easier access to the controller model and removes it further away from heat sources.

The following instructions and photos were taken by a 488GTB owner in the US. The 488 Spider is similar. Place the car on a lift or stands. Remove the rear wheels and the rear wheel liners. There are several screws indicated by circles in this photo.



Note: The bottom screw may be hidden. In the above photo, the rear diffuser is removed. You may have to remove or loosen the rear diffuser to gain access to the bottom screw.

The suspension line needs to be disconnected from the wheel liner.

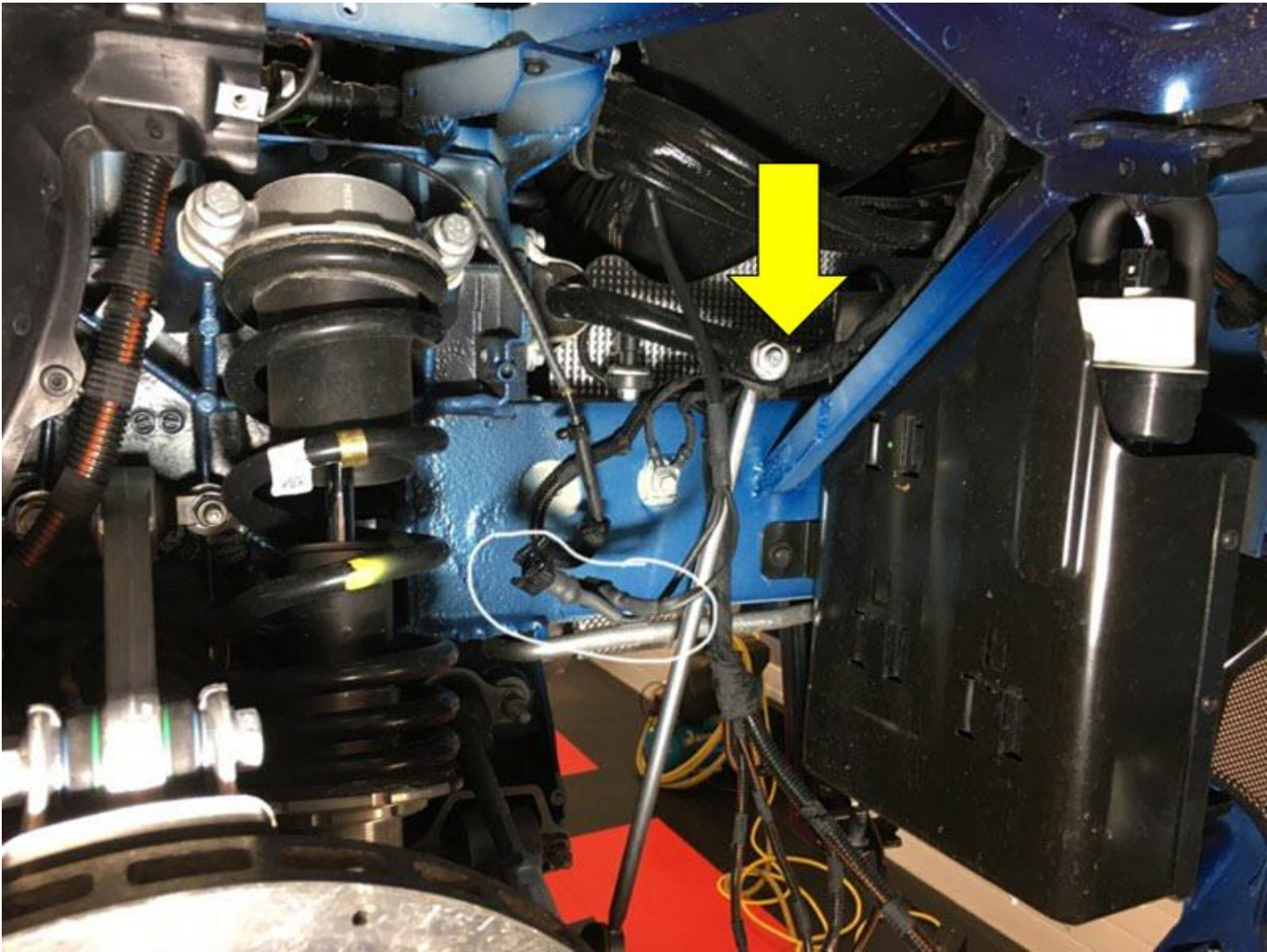


Squeeze the bottom and rock on an angle and pull out.

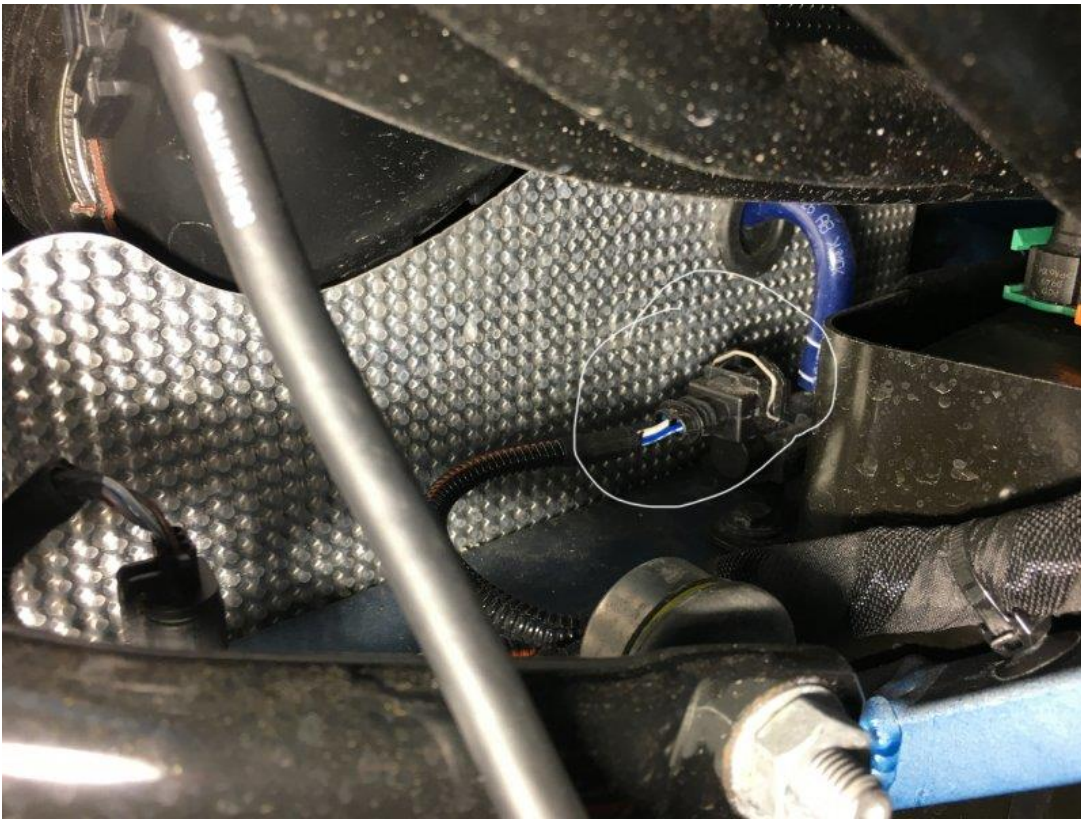


Once the liner is removed you can access the vacuum solenoid valves. In this photo, the rear diffuser has been removed, but that is not necessary to perform the install. The yellow arrow above the blue chassis bar is where the vacuum solenoid is. The wire with two connectors circled white is the Forza cable that is threaded from the engine bay to the outside of the heat shield and then pulled to where you see it.





Here is a picture of the vacuum solenoid with the stock cable attached.



Simply pull up on the metal clip (you can use a screwdriver to get it started) and once the clip is removed, the connector simply slides out.

This next pic shows the end of the connector with the clip pulled off: Note: Some connectors may allow you to release by pushing on the top of the metal wire. Use your finger and while pressing down on the top of metal clip, the legs spread apart allowing you to release the connector from its mating connector. Try this first before resorting to removing the clip entirely.





Before getting ready to reattach, it is easiest to put the metal clip back on and then it just snaps into place. Here is a pic with the metal clip loaded and ready to go:



Now attach one part of the Y end of the cable to the vacuum solenoid and the other part of the Y to the cable you removed from the vacuum solenoid:





You could choose to mount the unit here in the wheelwell compartment but I wanted to put it up higher away from wet etc... so I put it in the engine bay as Steve did in his youtube install video on the 360. So now, you need to remove the side engine cover. I have circled most of the screws (same size torx head except for the one by the rear window which is actually a nut).



Once removed, you can now connect the wires from both sides to the controller, attach the ground to the chassis (I tried MANY different screws but the one pictured here was the only one that was close and provided a proper ground), and zip tie the controller and all wires in place.





Another picture top down of the ground wire attached to the chassis:



