

VISCONCI TUNING

Subaru 485 Fuel Basket Upgrade Instructions



This upgrade will require adjustment to your tune, please consult with your tuner before installation

Suggested tools:

- Phillips head screw driver
- 8mm socket, ratchet and extension
- 4-5 flat head screw drivers or picks
- 2.5mm allen

(Fig. 1)



Step 1: Open the hood, locate the fuse box near the driver side strut tower. Remove the 15 amp fuel pump fuse (this fuse is labelled on the back side of the cover). Start the car and let idle until it dies. This will relieve the fuel lines of pressure and prevent fuel spray when the lines are removed.

Step 2: Disconnect the battery negative terminal.

Step 3: Remove the back seat. On 2008-2014 chassis, the two release latches for the seat is located on the outermost edge of each side near trim towards the doors. On STi 2015+ the latches are located towards the front and underneath the seat, right under where each passenger would sit.

Step 4: Remove the 4 philips head screws of the fuel pump cover located on the passenger side. (Fig. 1)

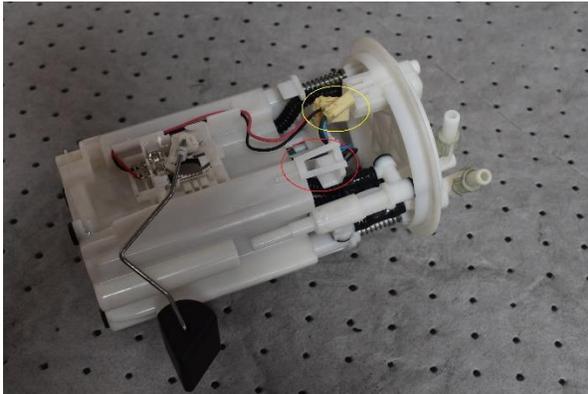
(Fig. 2)



Step 5: Remove the three fuel lines, electrical plug and eight 8mm nuts. (Fig. 2)

Step 6: Remove the fuel pump housing. Go slow and be gentle. The housing will contain fuel depending on fuel level, so be careful not to spill into the cabin.

(Fig. 3)



Step 7: With the fuel pump housing on your bench, unplug the two electrical connectors. Using either your several picks, flat head screw drivers or 11 fingers, pry on the four clips holding the top of the housing into the fuel housing basket and lift the top of the housing out of the basket. (Fig.3)

(Fig. 4)



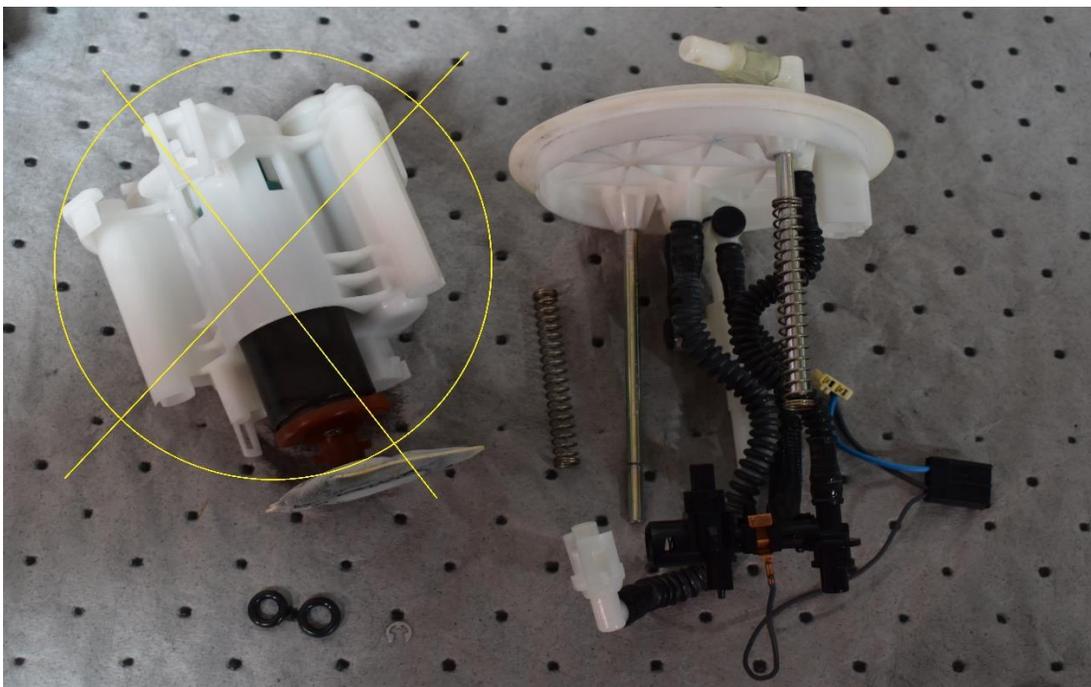
Step 8: With the top of the housing removed from the basket, disconnect the two lines located at the bottom. There are three O-rings attached to these lines, remove them – they are no longer needed.

(Fig. 5)

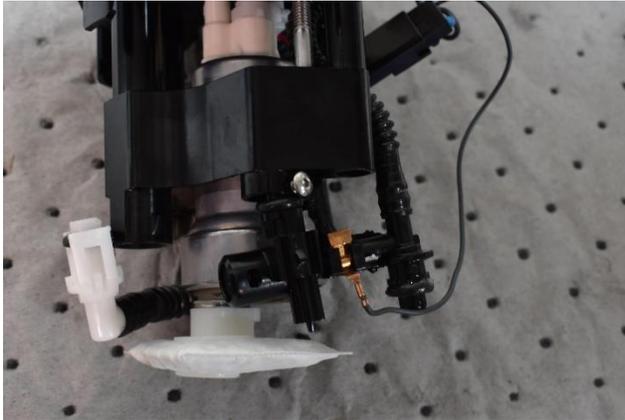


Step 9: Remove the one c-clip located on one of the spring posts. (Fig. 5) Despite its appearance, the c-clip does have wings and will fly across your garage if not carefully removed. Set the c-clip aside for later use and separate the top and center portion of the housing. The center portion of the housing which holds your old fuel pump will not be used for later installation. Keep the top portion of the housing with springs for re-installation. (Fig. 6)

(Fig. 6)



(Fig. 7)



Step 9: Attach the top portion of the fuel pump housing onto the Visconti portion. Re-install the c-clip, lube and install the single provided O-ring. Snug the 2.5mm allen set screw on the black return/venturi line.

(Fig. 8)



Step 10: Insert the Visconti housing into the basket. Insure the four clips of the new Visconti housing snap into the basket. Plug in the two electrical connectors.

(Fig. 9)



Step 11: Install the housing back into the fuel tank. Make sure the rubber seal oriented in the right direction-it can only be installed one way. Connect the fuel lines, electrical connector and re-install the housing cover. NOTE: Improper instillation of the rubber seal, green spacer or metal bracket can cause improper seal and fuel smell in the cabin.

Step 12: Re-Connect the battery and re-install the fuel pump fuse. Installation is now complete. NOTE: Before you attempt to start, turn the key on(engine off) several times to prime the fuel pressure. The vehicle may take 10-15 seconds to start after battery disconnect.