



INSTALLATION INSTRUCTIONS

Toyota/Lotus 2ZZ-GE Fuel Pump Hanger

-6AN Male Outlet Adapter Fitting

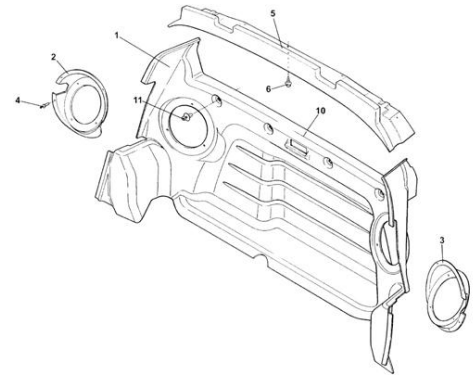
1. To relieve fuel pressure, the fuel pump must be temporarily disabled. On the Lotus Elise/Exige, pull the No. R1 20A fuse (06' model shown). The 4-position fuse holders are located at the front left of the engine compartment on the cabin bulkhead. On 2ZZ-GE equipped Toyota models, remove the C/OPN Relay located in the engine bay near the left strut mount.

Start the engine and allow it to stall. Disconnect the negative terminal of the battery. Reinstall the fuse (or relay).



2. Unscrew the 4 passenger side seat bolts and unscrew the belt from the seat and remove. Pop open the plastic seat belt cover and unscrew the upper seat belt hanger from the roll bar. Slide the driver seat all the way forward.

Remove all of the associated retaining clips of the rear plastic panel. Unplug the speaker terminals and the interior light. Remove the insulation, which is typically ripped into 2 pieces.

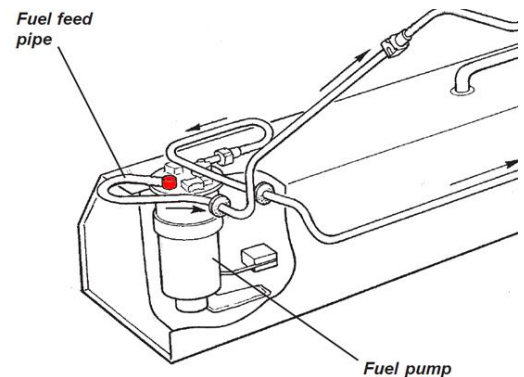


3. You should now have access to the fuel pump plate located behind the left seat on the shelf.

Remove the 6 Allen head screws on the fuel pump access panel.

Carefully set the fuel pump access cover aside.

Shown in red is the plastic fitting that will be replaced.



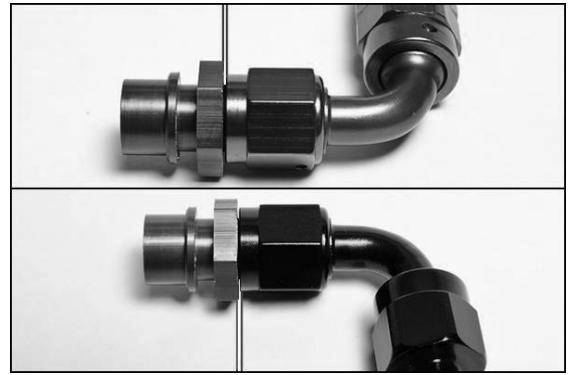
4. Be extremely careful when removing the yellow lock. This is very easy to drop and lose underneath the fuel tank.

If lost, these yellow clips can be purchased from a local dealership. Toyota P/N: 77241-32060 or Lotus P/N: A120L6012S



5. The Radium Engineering fitting was designed to be as low profile as possible for maximum clearance reasons. If not already assembled, torque the fitting to the hose end that will be used. **CHECK THE GAP BETWEEN THE HOSE END NUT AND FITTING HEX (as shown).** If there is not a gap, the hose end B-nut has potentially bottomed out on the Radium fitting before sealing on the flared surface.

Carefully sand down the rim of the hex B-nut on the hose end. Thoroughly clean and retest the fitment until a small gap exists.



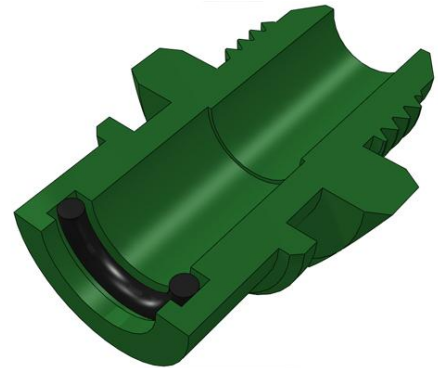
6. If routing the optional PTFE hose to the OEM Lotus Fuel Rail, insert the included Disconnect Tool into the fuel rail hose (shown). Surround the area with shop towels to absorb fuel contained in the pipe. While squeezing and applying pressure, pull the fitting away from the fuel pipe to release it from the fuel hose. Discard the factory (2-piece) hose.

Before inserting supplied quick disconnect fitting onto OEM fuel pipe, unscrew billet lock nut. Once fitting is inserted, reinstall the lock nut.



7. Route the hose through the hole in the firewall where the factory fuel line went through. Secure the included rubber grommet onto the firewall surface. Cautiously keep the hose away from moving parts such as the Lotus gear selector lever assembly. Also, keep the hose away from sharp edges and all high temperature engine components.

Before inserting the fitting into the fuel pump housing port, confirm the internal O-ring is seated properly (see sectional view). **Lubricate the O-ring to prevent potential failure.**



8. Push the fitting/hose assembly into the port and reinsert the lock.

Connect the battery and turn the ignition switch to the ON position twice (without starting the engine). This allows the fuel pump to prime the system. If no leaks are found, start the engine and check for leaks while the engine is running.

If no leaks are found, reinstall the fuel pump cover, the rear paneling, and the front seat (RHD).

