

# INSTALLATION INSTRUCTIONS

## FUEL BRAKE LINE RETAINER KIT

MITSUBISHI EVOLUTION 1-2-3-4-5-6

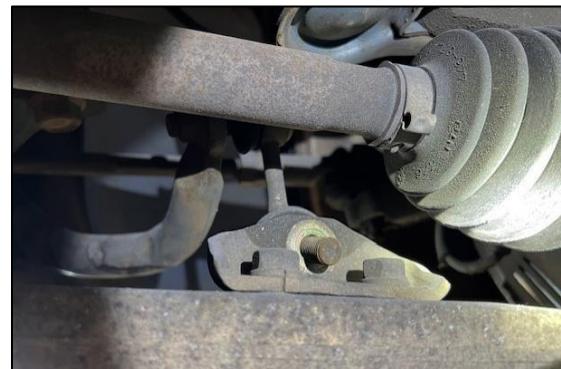
Support: [info@radiumauto.com](mailto:info@radiumauto.com)

Document# 19-0392

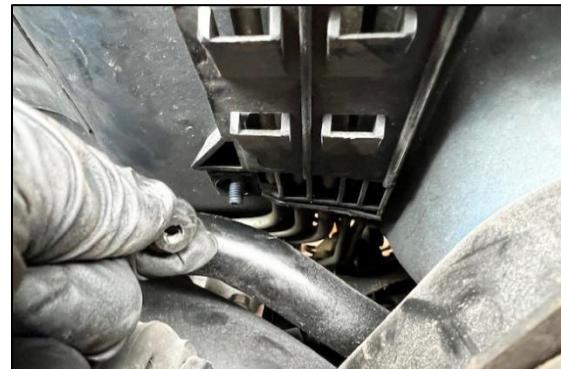
**WARNING: DO NOT EXPOSE WORK AREA TO ANY SPARKS OR FIRE. DO NOT SMOKE WHILE WORKING ON THE FUEL SYSTEM. CLEAN UP ALL FUEL SPILLS IMMEDIATELY. WORK IN A WELL VENTILATED AREA.**

1. In order to remove the front plastic fuel/brake line retainer underneath the vehicle, the sway bar needs to be temporarily moved out of the way.

Using a 14mm socket and wrench, remove the front sway bar end links, as shown.



2. Using a 10mm open-ended wrench, remove the nut that secures the front plastic fuel/brake line retainer.



3. To remove the large plastic fuel/brake line retainer from the vehicle, pry the fuel/brake lines from the internal plastic retainers.

This will NOT be reused.



4. There are a couple of fuel/brake line retainers that look as shown. Remove them from the chassis using a 10mm socket. Pop the steel brackets from the plastic retainers. Pry the fuel/brake lines from the plastic retainers.

These will NOT be reused.



5. There is a fuel/brake line retainer that looks as shown. Remove it from the chassis using a 10mm socket. Pop the steel brackets from the plastic retainers. Pry the fuel/brake lines from the plastic retainers.

This will NOT be reused.



6. There are a couple fuel/brake line retainers that do not secure to the chassis. As shown, pop the steel portion from the plastic retainers. Pry the fuel/brake lines from the plastic retainers.

These will NOT be reused.



7. Allow the fuel/brake lines to hang temporarily.



8. From the engine bay near the fuel filter location, separate the EVAP and return line by removing the clamp shown.

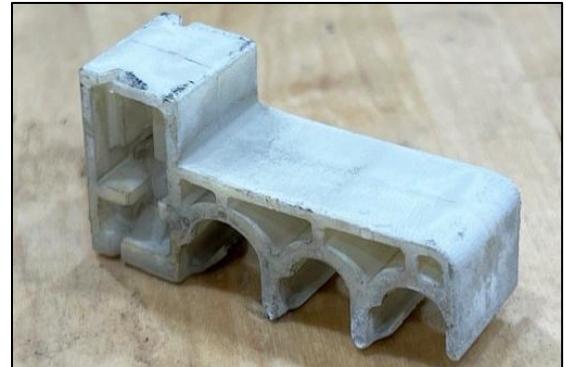
This will NOT be reused.



9. There are a couple of plastic retainers that secure the OEM fuel feed line, return line, and the EVAP line to the firewall. They are slightly difficult to reach. A pry bar will be handy.



10. Carefully pop both plastic retainers off the firewall. Only one will be reused.



11. Carefully remove the fuel feed line and the return line from the vehicle.

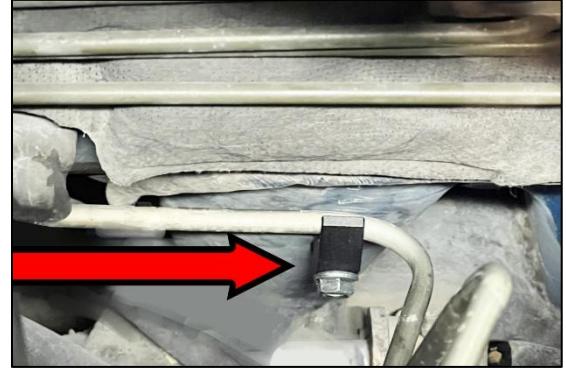
NOTE: Do NOT remove the EVAP fuel line.



12. Find the billet clamp and M6x1mm flanged nut in the kit.



13. Using a 10mm socket, install the provided billet clamp and flanged nut to the firewall stud on the LH side of the EVAP fuel line (near the fuel filter).



14. To secure the OEM EVAP fuel line to the RH side of the firewall, reuse the plastic retainer. Simply push it back over the firewall stud, as shown.



15. As shown, the front retainer will NOT be secured to the chassis. Tighten the small M3x0.5mm screws using a 2.5mm Allen wrench.



16. As shown, the next retainer will be secured to the chassis using an M6x1mm socket head screw and a 5mm Allen wrench. Tighten the small M3x0.5mm screws using a 2.5mm Allen wrench.



17. As shown, the next retainer will NOT be secured to the chassis. Tighten the small M3x0.5mm screws using a 2.5mm Allen wrench.



18. As shown, the next retainer will be secured to the chassis using an M6x1mm socket head screw and a 5mm Allen wrench. Tighten the small M3x0.5mm screws using a 2.5mm Allen wrench.



19. As shown, the next retainer is unique. It will still be secured to the chassis using an M6x1mm socket head screw and a 5mm Allen wrench. Tighten the small M3x0.5mm screws using a 2.5mm Allen wrench.



20. As shown, the next retainer is positioned around the corner, perpendicular to the others. It will NOT be secured to the chassis.

Depending on the new hose that are being routed, they might not be able to go through this retainer as it would require too tight of a bend. For example, PTFE is typically stiff and difficult to manage.

Tighten the small M3x0.5mm screws using a 2.5mm Allen wrench.

