

PR GTR FLEX FUEL KIT INSTALLATION INSTRUCTIONS



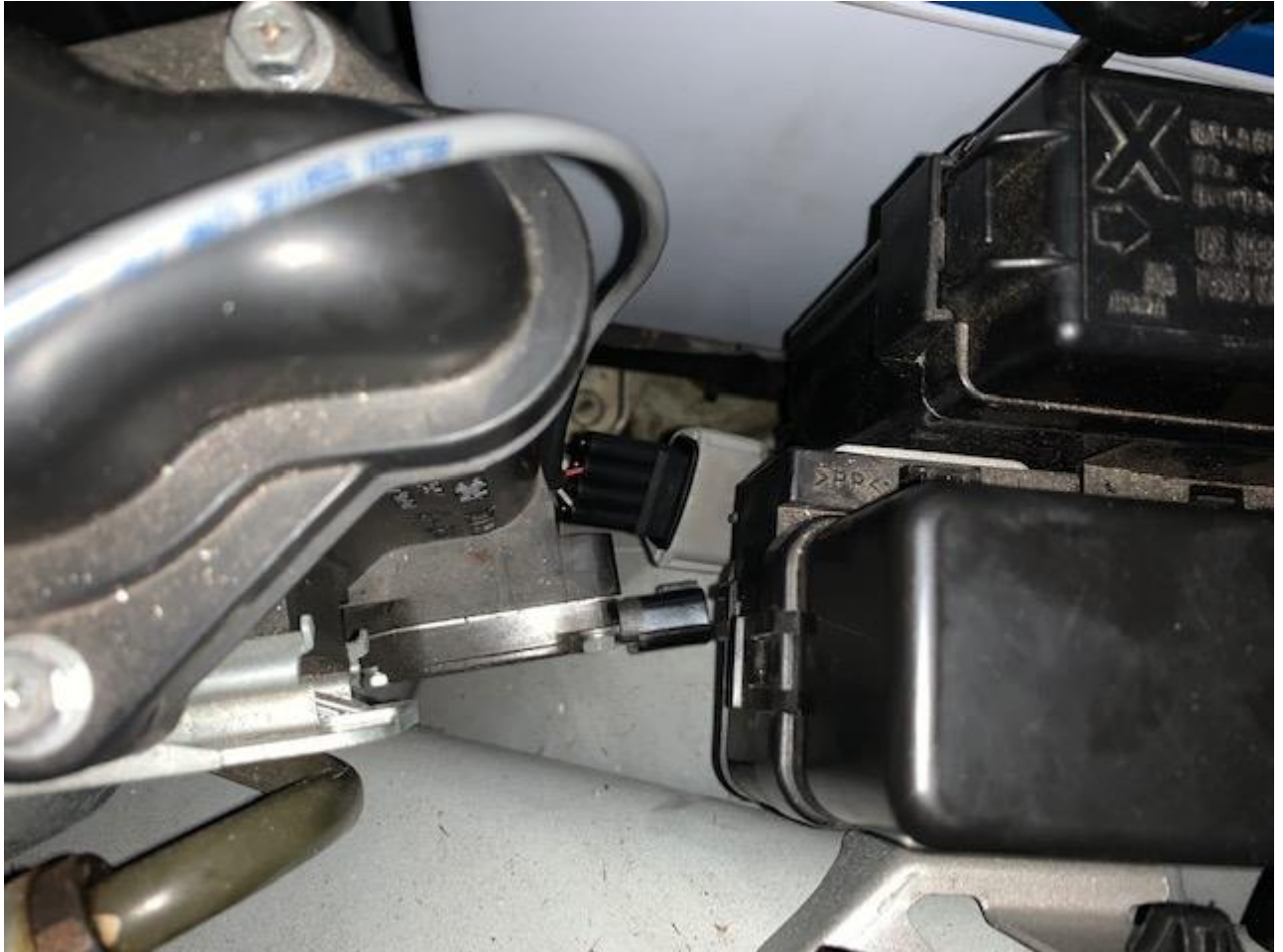
The PR R35 GTR Flex Fuel kit is an extremely easy kit to install. All necessary lines, fittings, mounting hardware, sensors, and wiring are included and are plug and play.

The first thing you want to do is relieve the system of pressure. There are a number of ways to do this, but typically it's easiest to just disconnect a line at the firewall. There are two fuel lines coming up on the driver's side of the firewall, one is bigger than the other. ON A COOL ENGINE, put a rag over the larger line and disconnect the fitting on the larger line, allowing the rag to catch the fuel that leaks out.

This version is meant to be installed on the feed side of your fuel system. To begin installation remove the intake manifold.

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We have made the wiring a simple plug and play setup. Disconnect the connector of the secondary air pump flow meter, which is located in the battery compartment and plug in the flex fuel loom as pictured below



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You will now install the shorter of the two provided fuel lines and the fuel rail adapter. Install the provided fuel rail adapter and then the ORB to AN fitting on the backside of the Bank 1 (Drivers side) fuel rail. The 90° fitting side of this line will be installed on the rail side, and the 150° fitting will later be installed on the Passenger side of the ethanol content sensor. The 150° fitting should be installed and the line should be routed behind the large factory wire loom as seen below:

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The intake manifold can now be reinstalled. You will now install the ethanol content sensor on the back of the intake manifold as seen in the picture below. The ethanol content sensor is mounted upside down on the provided bracket and is bolted to the intake manifold. Install one of the three EFI fittings on each side of the ethanol content sensor.



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The remaining fuel line is run from the factory hard fuel line closest to the front of the engine bay to the left side of the ethanol content sensor, as seen above. Install the last EFI adapter fitting on both the factory hard line and route the hose as seen above. Install the 150* fitting to the right side of the ethanol content sensor. After connecting the large brown connector to the flex adapter module, and the module to the sensor, you are ready to check for fuel leaks and start tuning!

