



928 Motorsports Supercharger Installation

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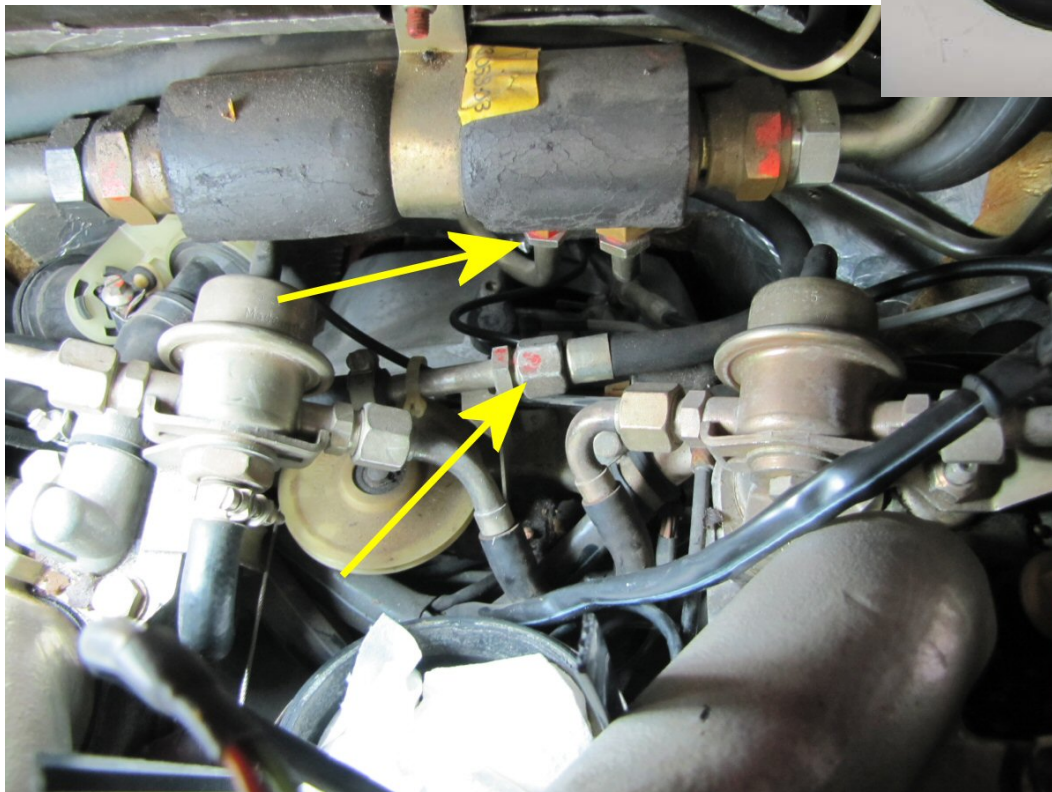
Installing the Fuel Management Unit (FMU) 1987 models:

The Fuel Management Unit (FMU) supplied with your kit is used to increase the fuel pressure to the injectors as the boost developed by the supercharger also increases. This provides a steady enrichment in fuel delivered to every combustion chamber just as those chambers are getting more air. This prevents damage to your motor and increases the horse power tremendously.

The FMU we supply is a "2nd Generation" model, and much more accurate and adjustable than early-style FMU's were.

To begin: we need to remove the existing fuel return line so we can plumb in our FMU. When working with fuel lines **ALWAYS USE TWO WRENCHES IN OPPOSITION** when tightening or loosening the fittings.

Remove the small fuel line that looks like this:>>>



By disconnecting it at the two connections shown here:



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Installing the Fuel Management Unit (FMU) 1988-1995 models:

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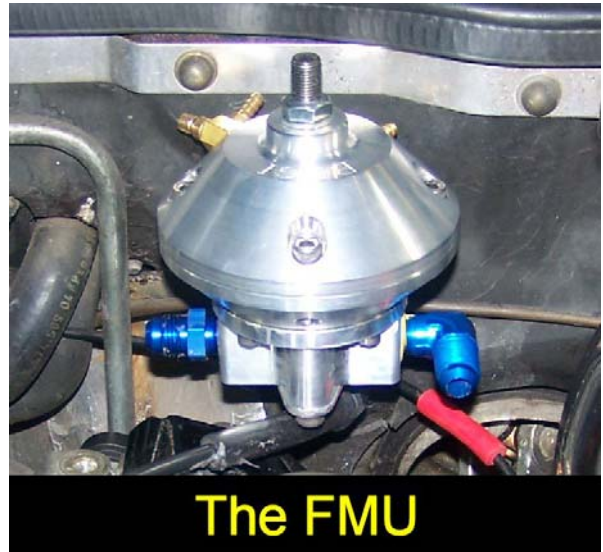
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Just for your information, that horizontal tube at the back of the firewall with the black insulation around it is actually a fuel cooler where Porsche uses the air conditioning system to chill the gasoline before it returns to the gas tank.

Using the photos below as a guide, install the new braided stainless steel lines from your kit and route them the same way we have in these pictures.

Make all connections just finger-tight at this time.

IMPORTANT: the line from the motor goes to **IN** (stamped on the inlet of the FMU), the line exiting the FMU goes to the fuel cooler on the firewall.



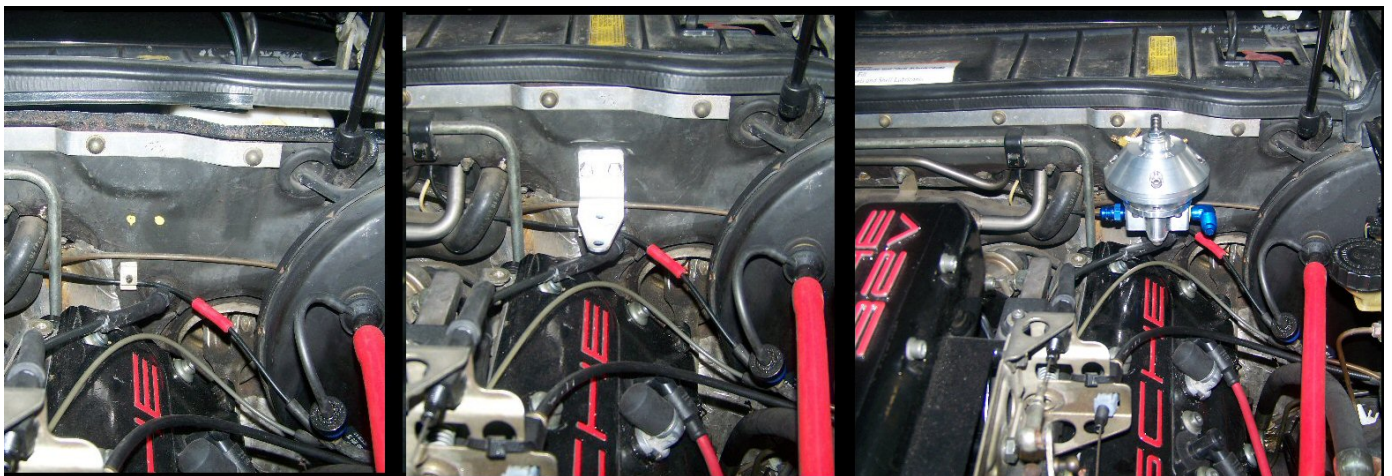


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Once the fuel lines are attached, hold the FMU up to the firewall and mark the mounting holes for drilling. Make sure you locate the FMU low enough to allow the hood to close. Remove the mounting bracket from the bottom of the FMU to use as a drilling template.



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If you have a cover over the top of your cowl (it covers the windshield wiper motor and the area between the firewall and the base of the windshield), remove it now.

Check to make sure that where you have marked to drill, that you are not going to hit an air conditioning line or a wire harness on the back side of the firewall.

The FMU is mounted with two M6 x 15mm long bolts and nuts.

The firewall may appear soft, but that is just a sound deadening cover, there is metal underneath.



This photo shows the FMU mounted with all the fuel lines in place.



Now go back and tighten each fuel fitting with two wrenches in opposition.