

FUEL Systems should only be installed by properly trained personnel.

The System comes with an ECS Fuel Ring, a fuel pump, braided 8 AN fuel line, an assortment of anodized fittings, a check valve, and a fuel line adapter. The entire system installs in the rear of the car without the need to drop the tank.

You are working with Fuel. Be mindful of any sources of heat, sparks or any other conditions that could cause a fire. ECS cannot and will not be held responsible for any damages caused by installation.

Start with an empty fuel tank.

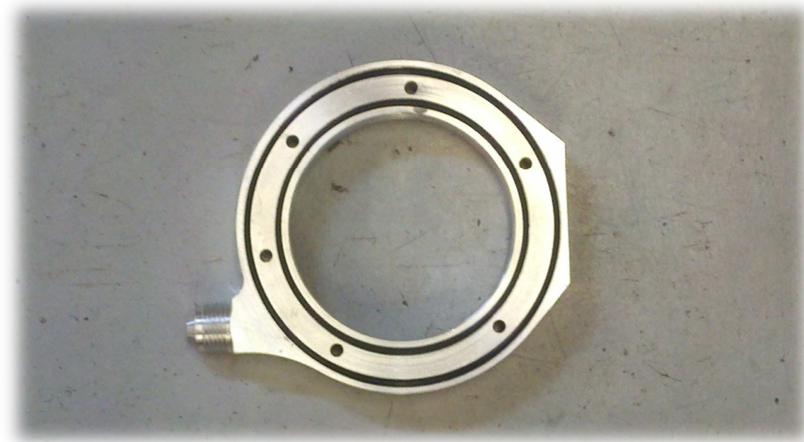
Disconnect the negative battery cable.

With the car on a lift or jack stands, remove the driver's side rear wheel and inner fender liner.

Disconnect all fuel lines at the pump.

Remove the 6 mounting bolts retaining the factory fuel pump and slide the fuel pump assembly out of the tank.

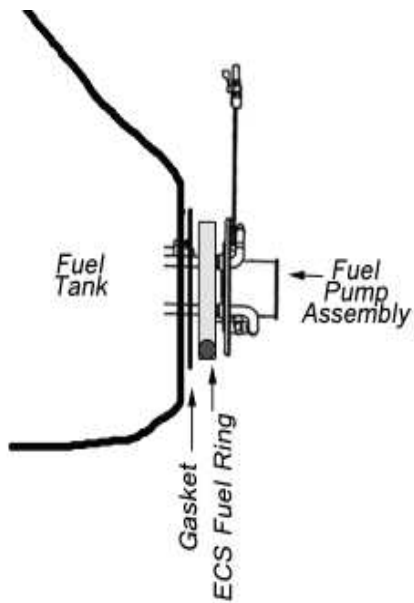
Remove factory arm float from fuel pump assembly and remove pump assembly from tank.



Install supplied o rings on to the ECS Fuel Ring. Be Sure Both O Rings are used properly seated in groove.

Slide The Factory Pump assembly through ECS Fuel Ring as shown.

Slide fuel pump assembly and ring back into tank being sure to re attach the factory float arm to assembly. Be sure factory seal is located between tank and ECS Fuel Ring.



It is your responsibility to make sure that your connections are correct and leak free. If you are unsure of how to properly install AN fittings be sure to look it up as this is critical to your safety and the performance and reliability of your fuel system.)

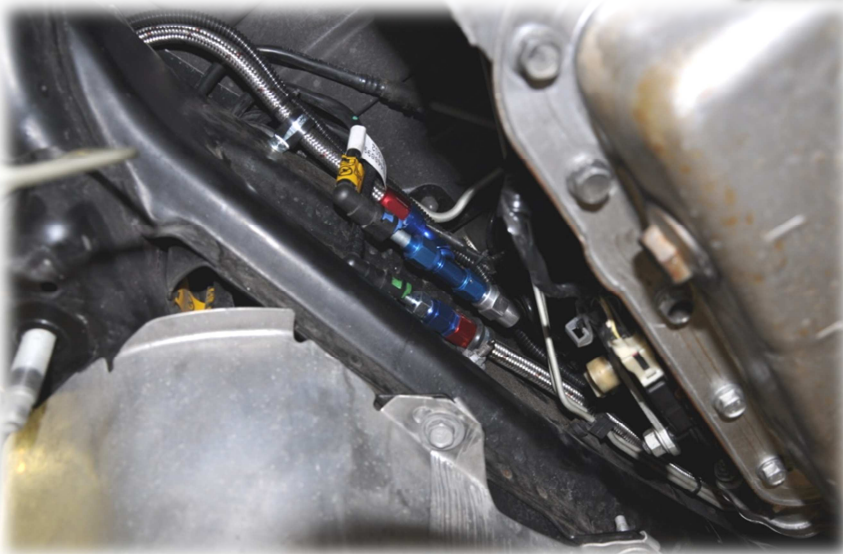
Measure and cut 24 inches of the provided 8AN Fuel Line. Install a 8AN 120deg fitting on both ends of the line. One end of this line will attach to the new fuel block, and the other to the inlet side of the Fuel pump.





Take approximately 21" of the Provided 6AN Braided Fuel Line and Install a 45deg fitting on one end. This line will run from the outlet side of the pump to factory fuel line and through frame rail.

On the other side of the frame rail, install the provided male/male 6an union, and the provided fuel line adapter as shown below.

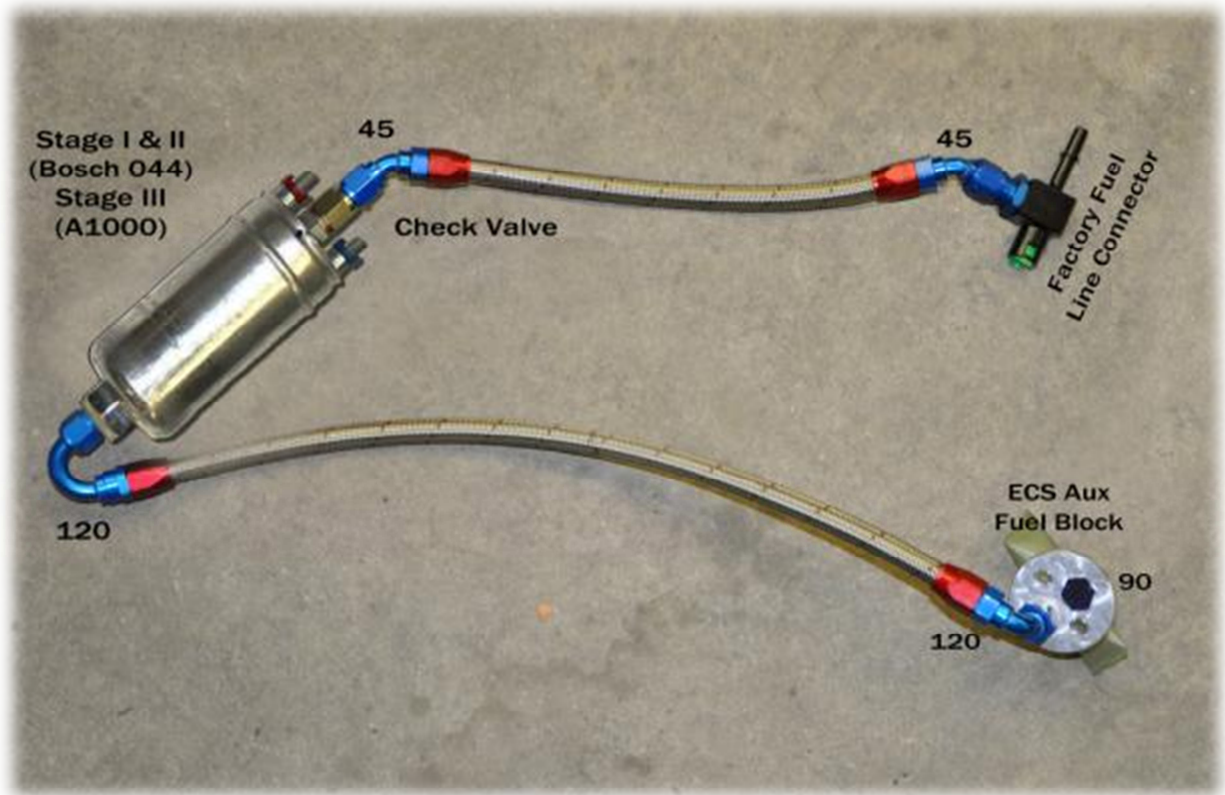


The Fuel Line adapter will snap in place between the factory fuel pump outlet and the factory fuel feed line as shown below. On some 2003 and earlier systems this will connect further up inside the frame rail.

With a second length of 24 in 8 AN hose, we will assemble the line from the ECS auxiliary fuel block to the Pump inlet using a 120 degree fitting on either end.

The Check valve will be inserted on the feed side of the pump.

When assembled, this system will look like this.



Wiring the system

Wiring the ECS fuel system is very simple.

Wire the provided 3 wire relay as follows:

Fused Power to 12v power on back of alternator.

Fuel Pump power to non fused red power on relay

Black ground to one side of Hobbs.

Other side of Hobbs to Ground.

Fuel Pump negative to ground.

Follow the diagram below being certain that all connections are to clean ground sources on the frame and soldering and/or shrink wrapping all connections.

