SARD 1:1 FPR Technical Diagram
Part Number: 870-060
Drawing Revision 1 - 23/10/2012

Fuel Pressure Adjustment Assembly

Vacuum/Pressure Line to Manifold Vacuum/Pressure Source

Upper Nut - Pressure Adjusting

Lower Nut - Locking

High Pressure Line into Regulator from Fuel Rail Output Port

Fuel Gauge Port

Low Pressure Return Line to Surge Tank or Main Fuel Tank

Top Port - Vacuum/Pressure

Mounting Bracket

NOTES:

Fuel Pressure Adjustment:
1. Fit an EFI Fuel Pressure Gauge to the fuel gauge port, or between the EFI fuel pump and the high pressure line into the regulator.
2. Disconnect the Vacuum/Pressure Line.
3. Loosen the Lower nut on the fuel pressure adjustment assembly.
4. Adjust the Upper Nut on the fuel pressure adjustment assembly until you achieve the desired fuel pressure.
5. Tighten the Lower Nut.
6. Reattach the Vacuum/Pressure Line to the port on top of the regulator.

The Low Pressure Return Line must have no restriction. If there is insufficient return fuel flow, the regulator will be unable to accurately and consistently maintain fuel pressure.

The High Pressure Line, and Fuel Gauge Port can both have fuel pressure exceeding 100PSI or 6.8Bar. Ensure that you use quality hose fittings, clamps, and high pressure fuel line.

NOTE: The Gauge Port is shipped with a blanking plug. To add a gauge, remove the blanking plug and install a fuel pressure gauge with a 1/8"BSPT thread, or use a 1/8"BSPT barb fitting to remotely mount your fuel pressure gauge.