

# NISSAN SR20 & KA24D FUEL RAIL FITS MSD 50LB/HR INJECTORS

The use of this part is for off-road use only and is designed for installation only by a qualified technician. It is assumed that the installer is building a custom race engine and is aware of all procedures needed to safely complete an installation of this type. If this assumption is not correct do not proceed!

1. Final clean the fuel rail and install the fuel inlet fitting (usually AN 3/8" pipe / 90 deg. / -6) in one end of the fuel rail and a 3/8" pipe plug in the other side.
2. Install the factory fuel regulator using the supplied short 6 m.m. bolts and washers.
3. Install the mounting brackets on the fuel rail as shown in the picture for your model.
4. When using the 50 LB/hr MSD injectors, remove the upper black O-ring and replace it with the brown O-ring originally found on the spray nozzle end of the injector. Discard the black plastic spacer that was behind the brown O-ring.
5. Install the supplied limiter clip on each injector inlet below the O-ring to limit the depth that the injector inserts into the fuel rail.
6. Carefully insert each injector into the fuel rail using motor oil to lube the O-ring.
7. Install the fuel rail and injectors onto the intake manifold by inserting the injectors directly into the original injector rail sealing grommets.
8. Shim the fuel rail brackets until the injectors are captured snugly between the grommets in the manifold and the fuel rail.
9. After modifying or replacing (not included) the injector electrical plugs to fit (see picture on right), inspect your work for proper installation and apply fuel pressure to check for fuel leaks.

Remove the orange terminal lock protector and discard it. Remove the wire terminals by raising the terminal lock and pulling on the wire. Cut the plastic plug as shown here so plug can be inserted into the new injector.



If you are not replacing the connector ends, modifying the original plugs will work, but won't provide a secure lock to the injector.



INSTALL ORIGINAL BLACK PLASTIC SPACER WASHERS HERE

91-93 SR20



94+ SR20

94+ SR20 - REPOSITION AIR REGULATOR AS SHOWN (1/2" x 8" HOSE IS NEEDED TO DO THIS)



Cut the upper manifold support bracket to clear the fuel inlet fitting

94+ SR20

94+ SR20  
INSTALL ORIGINAL BLACK PLASTIC SPACER WASHERS BETWEEN BRACKET AND FUEL RAIL.

