

## Jaguar V12 HE

Removal Procedure for the RH fuel damper/regulator.

This is my version, works for me.

This is a very simple procedure, but all care must be taken, as you are dealing with fuel, and fuel is explosive.

Depressurize the fuel system, either by removing the fuel pump relay, and start the engine until it stalls. Or if the ignition HAS NOT been turned on for 24 hrs or so, the pressure has possibly bled off to zero, or minimal.

- 1) Locate the fuel INLET hose, this is on the RH side, and goes into the side of this “regulator”. Remove this hose. BE CAREFUL OF FUEL SPILL.
- 2) Undo the hose that goes from the regulator to the fuel rail INLET at the fuel rail. This is a nut and ferule joint, 2 spanners required.
- 3) Undo what is required to remove the “regulator” assembly from the front of the inlet manifold.
- 4) Remove the vacuum spigot, replace it with a “standard” 5/16” UNC bolt, of suitable length, with sealer on the threads (gasket goo, minimal silastic or similar).
- 5) Take the unit to the work bench, and separate the fuel hose assembly (the one that goes to the fuel rail).
- 6) CAREFULLY remove the end of this hose that threads into the fuel rail, this is required to be put back into the rail. When removing this barb watch your fingers, as those cup things can cut, and DON’T damage the barbs that will be exposed when the hose is finally removed.
- 7) Refit this barb fitting back into the fuel rail and tighten the 2 nut fitting.
- 8) The other bolt removed from the front of the inlet manifold that held the assembly in place, can be replaced with a suitably shorter bolt, again with sealer on the threads.
- 9) Replace the fuel inlet hose with a suitable length of EFI rated hose, with NEW clamps, from the fuel inlet pipe poking out of the bulkhead area, ( LHD should be under your washer bottle sort of) to this fitting you just put back into the fuel rail.
- 10) Replace the fuel pump relay (if removed), and prime the fuel system (several on/off of the ignition should be sufficient).

Star the “beast”, check for fuel leaks, your done.