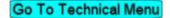
### **Table of Contents**

EVO: Engine Control - S	ub-03a	3
Cleaning Fuel Injectors		3

		_
Last update: 2024/01/03 05:54	techtalk:evo:engctl03a http://www.sportsterpedia.com/doku.php/techtalk:evo:engctl0	<u>3a</u>



## **EVO: Engine Control - Sub-03a**

# **Cleaning Fuel Injectors**

**Notes**: Disconnect the fuel line and purge the high pressure: 1)

- To prevent spray of fuel, purge system of high-pressure fuel before supply line is disconnected.

  Gasoline is extremely flammable and highly explosive, which could result in death or serious injury.
- 1. Remove left side cover.
- 2. Remove fuel pump connector from ECM caddy cover.
- 3. Unplug fuel pump connector.
- 4. Start engine and allow vehicle to run.
- 5. When engine stalls, operate starter for 3 seconds to remove any remaining fuel from fuel hose.
- 6. Shut off ignition.

Pulling the injectors is pretty easy once you have the above done. Then.

- 1. Remove the bracket from the intake manifold.
- 2. Disconnect the electrical connectors from the injectors (there are two, one to each injector).
- 3. Gently rock the fuel rail back and forth to remove the rail and injectors (not too gently).
- 4. Pull the injectors from the fuel rail.

Once you have the injectors out, you can use a trickle charger for the 12v power supply. Cleaning the injectors:

- 1. Find the correct size holder for the injectors.
- 2. Push the injector all the way into the holder.
- 3. Connect the power lead to the injector (not to the battery yet).
- 4. Connect one end of the power lead to the 12v source (trickle charger in this case).
- 5. Put the holder onto the carb cleaner can and pressurize it (keep a hold of the injector too).
- 6. Energize the injector and watch it spray across the room and go from a tiny amount to much larger as it gets clean.
  - Only used pulses of power. Do not leave it connected.
- 7. Remove power, release pressure on the injector holder.
- 8. Remove the injector from the holder, reverse it and do it all again, then reverse it again.
- Do the same to the other injector.Put it all back together (as long as your O-rings are still good) and enjoy!

#### Last update: 2024/01/03 05:54

Go To Technical Menu

1)

#### 5.elements of the XLFORUM

https://www.xlforum.net/forum/sportster-motorcycle-forum/sportster-motorcycle-intake-and-exhaust/sportster-motorcycle-air-intake-carburetor-efi-fuel-and-exhaust/197902-cleaning-fuel-injectors#post4336381

From:

http://www.sportsterpedia.com/ - Sportsterpedia

Permanent link:

http://www.sportsterpedia.com/doku.php/techtalk:evo:engctl03a

Last update: 2024/01/03 05:54

