

2020-+ JEEP ECODIESEL INSTRUCTIONS

Installation Guide

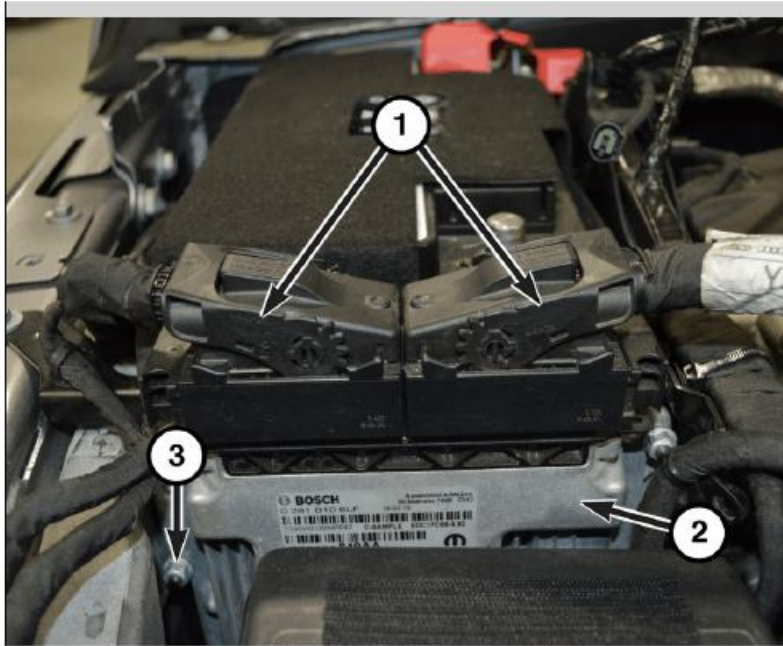
Read the complete guide before beginning. Keep removed hardware organized, follow all safety precautions, and verify all connections before operating the vehicle.



— D I E S E L S —

STEP 1

Remove the PCM by disconnecting negative battery cables from both batteries (if equipped). Disconnect the PCM connectors. Arrow 1: Disconnect the PCM Connectors Arrows 2 & 3: Remove the nuts that hold the PCM into the mount



Installation reference - page 2

STEP 2

Package PCM and ship to retailer for PCM Bench Flash tuning service.

STEP 3

Reinstall tuned PCM once received back from tuning service.

STEP 4

Reconnect battery negative terminals

STEP 5

Unplug Orange EGR plug on Passenger side of engine bay.



Installation reference - page 3

STEP 6

Install EGR Block Off Plate (if purchased) on passenger side of engine (threaded port in EGR Block Off plate can be used for aftermarket EGT temperature probe only, not for OEM sensor.).



Installation reference - page 4

STEP 7

Remove the stock exhaust from the vehicle. This includes the DPF Filter, the secondary catalyst, the SCR injector, the EGR crossover pipe (ensure you have the EGR delete plate required to remove EGR from exhaust), as well as the NOX sensors, DPF pressure sensors, and EGT sensors post EGR. See photo below for example of what the factory DPF and midpipe look like remove from the vehicles. You will also be disconnecting the connector for the exhaust valve located in the midpipe, but the module will remain in the exhaust. We are looking to remove only the DPF filter post turbo downpipe and the midpipe, the OEM rear muffler section remains.



Installation reference - page 5

STEP 8

Photo of the module for the NOX sensors that stay on the exhaust upon removal, unplug module from the chassis side harness and remove with the exhaust.



Installation reference - page 6

STEP 9

Photo of front DPF pressure sensor remaining in the exhaust.



Installation reference - page 7

STEP 10

Photo of chassis mounted DPF connector for middle and rear sensors.



Installation reference - page 8

STEP 11

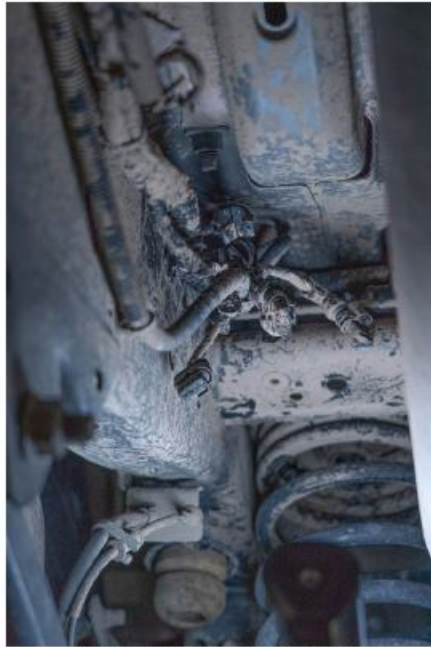
Phot of harness to be tucked away at the front of vehicle near downpipe flange.



Installation reference - page 9

STEP 12

Cluster of harness connectors to be disconnected and tucked away involving the rear most EGT, exhaust valve, located on rear driver side frame rail, near rear spring.



Installation reference - page 10

Appendix A: Close up of DPF sensor location and EGR crossover pipe.



Installation reference - page 11