

Throttle valve/ inlet port shutoff emulator's installation

1. Product description:

This emulator replaces faulty 3 wired throttle valve/ inlet port shutoff actuator for all “Mercedes-Benz” CDI engines.

1.1. System advantages:

- 1.1.1. simple installation;
- 1.1.2. much cheaper than the original throttle valve/ inlet port shutoff actuator;
- 1.1.3. no problems with the throttle valve/ inlet port shutoff actuator in future;

1.2. System disadvantages :

None determined

2. Product installation

2.1. Find a suitable place to install the emulator. The place should be within normal working temperatures ($<40^{\circ}\text{C}$), dry, without high vibration levels. Best place to install the emulator would be near the engine control module, in the same control unit's box.

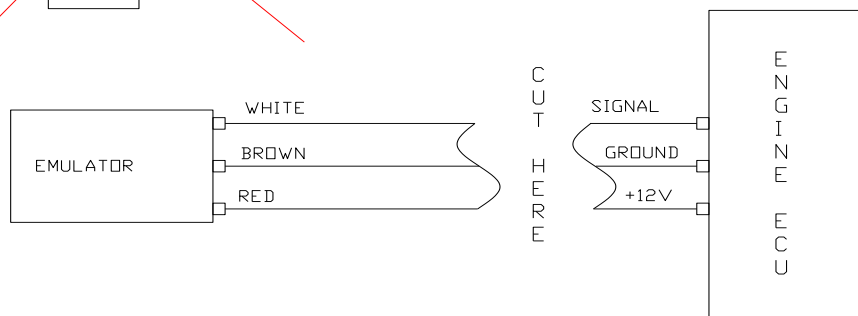
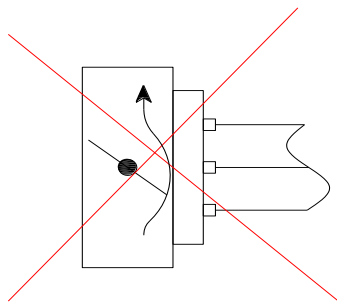
2.2. Always make soldered and well isolated connections.

2.3. Wires should always be tied with fasteners.

2.4. Installation diagram:

Example shows how to install the throttle valve emulator, installation of inlet port shutoff emulator is the same.

FAULTY THROTTLE VALVE



CONNECT EMULATOR INSTEAD OF THROTTLE VALVE

2.5. Once the emulator is installed the original throttle valve/ inlet port shutoff actuator must be disconnected, otherwise the engine control unit will detect faults related to the throttle valve/ inlet port shutoff actuator.

2.6. It is advised to always use a diagnostic tool to detect faults and to check the emulator itself.