

Universal O2 Simulator

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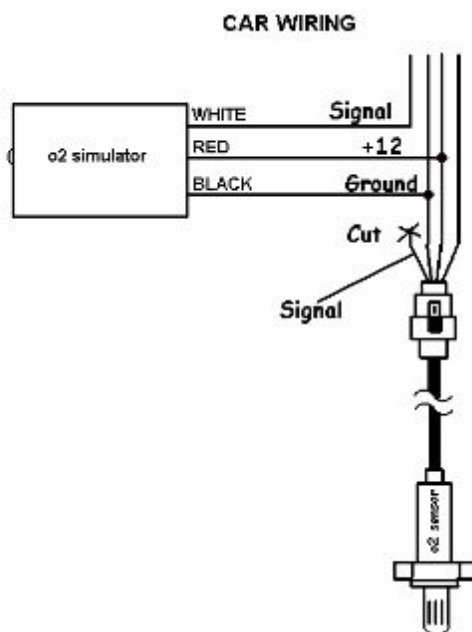
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o2 simulator installation instructions.

Oxygen Sensor Simulator (o2sim) can be used to avoid “Check Engine” light when catalytic convert is gutted or removed for off-road (racing) use. O2sim simulates the secondary oxygen sensor signal and will not let the ECM to store error codes and set the “Check Engine” light.



1. Locate secondary o2 sensors.
2. Establish which o2 sensor wires are Signal, +12 and Ground. User factory service manual for reference. You can find car connector color coding in [Wire color coding](#) section. Check [Make/Model reference](#) for car specific installation.
3. Verify +12V wire with Voltmeter/multimeter by probing the wire with respect to chassis ground when Ignition key is in ON position.
4. Verify Ground wire by measuring resistance or continuity test between wire and chassis. The resistance should be around 4ohms or less.
5. Disconnect Negative battery terminal to avoid damaging vehicle electric system.
6. Connect o2 simulator Black wire to o2 sensor Ground. *Recommendation: connect wires by using insulated crimps or soldering and using appropriate insulation, electrical tape or heat-shrinking tubing.*
7. Connect o2 simulator Red wire to o2 sensor +12V. *Recommendation: connect wires by using insulated crimps or soldering and using appropriate insulation, electrical tape or heat-shrinking tubing.*
8. Cut (do not just splice) the o2 sensor Signal wire and connect the car end (not the side goes to the sensor) to o2 simulator White wire. If you have two secondary o2 sensors perform step 9 with both sensors. *Recommendation:*

