

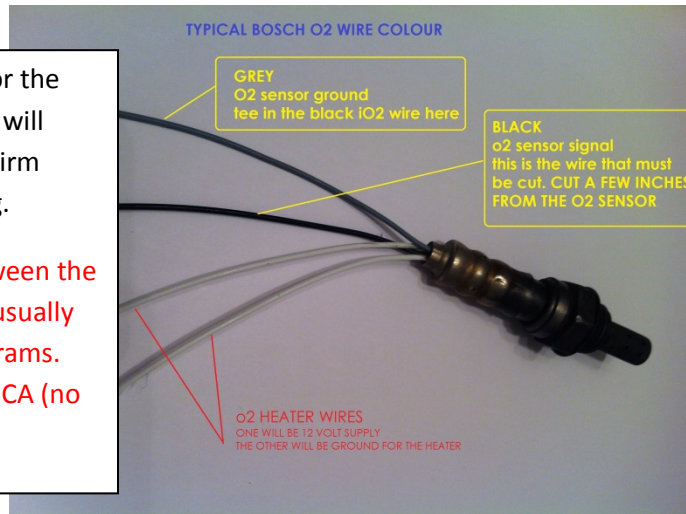
iO2 installation

Please follow these instructions, the iO2's inputs (white wire) and outputs (yellow wire) are very sensitive. If connected incorrectly, the iO2 WILL be damaged. We cannot be responsible for damage or injury caused by the installation of any device offered by area74, it is your responsibility to ensure proper tool use and proper wiring. It is assumed that any persons installing the iO2 is experienced with tool usage, wiring, and electrical knowledge.

You will need a wiring diagram of the O2 sensors for the vehicle you are working on, if you require assistance with this, email support@area74.ca write "wiring help" in the subject line.

This shows the wire colours for the most common o2 sensor, you will need a wiring diagram to confirm your vehicles o2 sensor wiring.

NOTE, the wiring colours between the o2 sensor and connector are usually NOT shown in the wiring diagrams. They are normally shown as NCA (no colour available)



Use this chart as reference for wire colours between the o2 sensor and the connector that are not normally shown on a wiring diagram.

Always confirm the wiring with the vehicles wiring diagram.

narrow band o2 sensor wire colour code chart

	signal	ground	heater	heater
bosch	black	grey	white	white
AC delco	purple	tan	brown	brown
BWD 1	black	grey	white	white
BWD 2	purple	grey	white	white
BWD 3	purple	tan	brown	brown
DELPHI 1	purple	tan	brown	brown
DELPHI 2	black	grey	purple	white
DENSO	blue	white	black	black
HONDA 1	white	green	black	black
HONDA 2	blue	white	black	black
NTK	black	grey	white	white
SMP/STD	black	grey	white	white
TOYOTA	blue	white	black	black

Step one

confirm the proper wiring colours of your o2 sensor using the above chart and your vehicles wiring diagram.

Step two

connect the io2 "RED" wire to a switched 12 volt power source from the vehicle. You can use the 12 volt supply for the o2 heater from the vehicle, just ensure this comes from a fuse box and not the PCM. seal the connection, we recommend adhesive lined shrink tube.

Step three

connect the io2 "BLACK" wire to ground, you may tee into the o2 signal ground. Do Not connect to the heater ground. Seal the connection, we recommend adhesive lined shrink tube.

With the ignition key turned on the iO2's LED should be blinking or ON. Confirm this, the white and yellow wires from the iO2 should NOT be connected at this time.

Step four

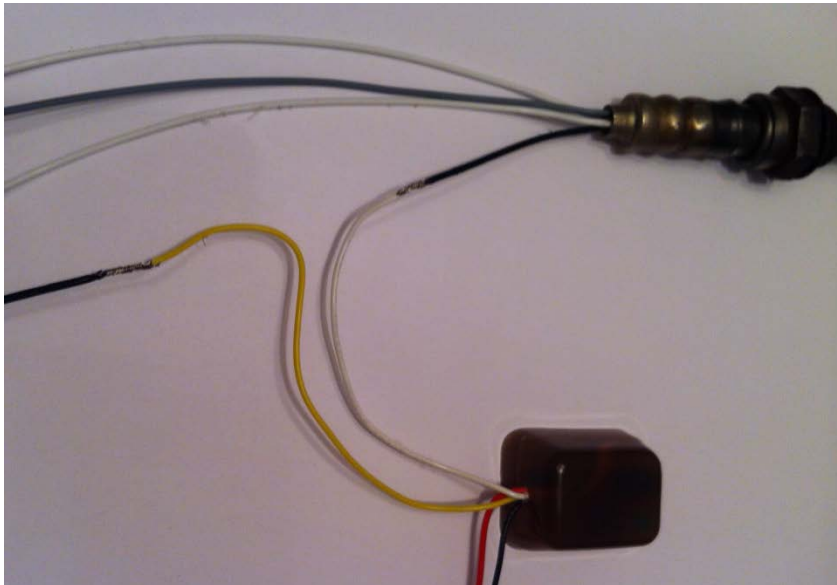
ensure the ignition key is off.

Cut the O2 sensors signal wire, **make sure you leave enough length to reconnect both ends.**

-connect the white wire to the O2 sensor side of the signal wire, see photo below.

-connect the yellow wire to the other end of the signal wire, see photo below.

- seal the connections, we recommend adhesive lined shrink tube.



Step five

clear the fault codes and start the engine.

The io2's indicator should blink to indicate its working.

If you have any trouble or require some technical information in regards to the iO2 please email support@area74.ca