



Service Bulletin

American Honda Motor Co., Inc.

2001 GL1800 Oxygen Sensor Replacement

The purpose of this Service Bulletin is to provide information to assist you in the replacement of both oxygen (O₂) sensors on affected 2001 GL1800/A models.

Moisture in the exhaust can damage the O₂ sensors. Also, the right O₂ sensor coupler can become corroded which will result in a non-functioning sensor.

A replacement kit that contains two new O₂ sensors is needed to repair the problem.

Only perform this procedure if the vehicle actually experiences an O₂ sensor failure.

SYMPTOMS

There are no performance related symptoms that will occur if one or both O₂ sensors fail. **The only symptom is that the Malfunction Indicator Lamp (MIL) will blink anywhere from 21 to 24 times** (see pages 5-41 to 5-47 in the 2001-2002 GL1800 Service Manual).

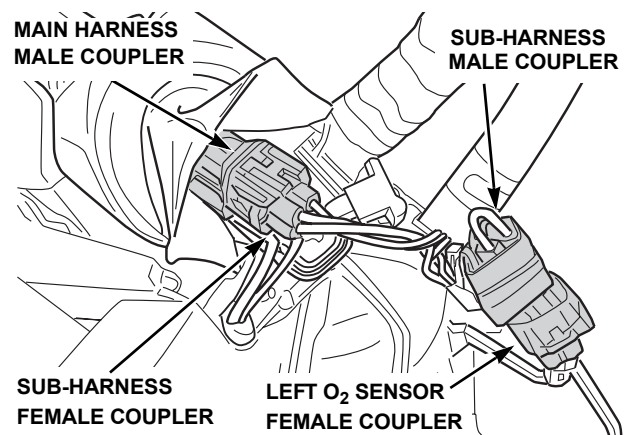
AFFECTED UNITS

All model year 2001 GL1800/As.

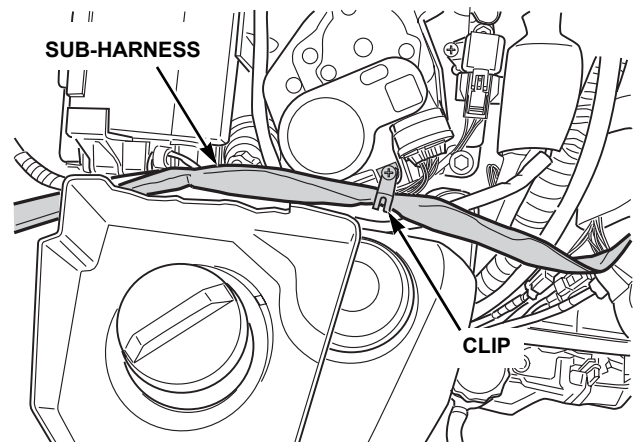
REPAIR PROCEDURE

1. Remove the top shelter (see page 2-10 in the Service Manual).
2. Remove the left and right O₂ sensors from the exhaust pipes.
 - You do not have to remove the exhaust pipes to remove the O₂ sensors.
 - Be sure to note the wire routing for proper reassembly.

3. Install the new O₂ sensors and route the wires properly (see pages 1-33 and 1-34 in the 2001-Service Manual).
4. Connect the black 4P female coupler of the sub-harness kit to the wire harness side black 4P male coupler (for the left-side O₂ sensor).
5. Connect the new left O₂ sensor to the black 4P coupler on the sub-harness.

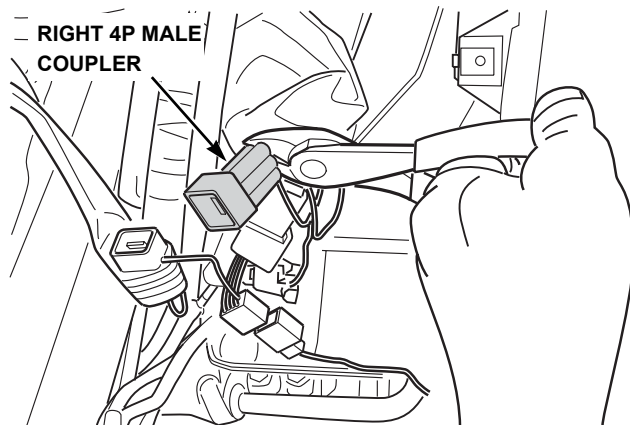


6. Route the sub-harness from left to right, across the front edge of the fuel tank and secure it with the clip on the cruise actuator.

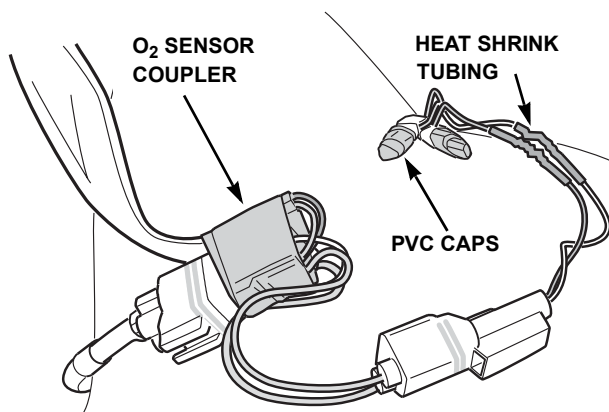


CUSTOMER INFORMATION: The information in this bulletin is intended for use *only* by skilled technicians who have the proper tools, equipment, and training to correctly and safely maintain your Honda. These procedures should not be attempted by "do-it-yourselfers," and you should not assume this bulletin applies to your Honda, or that your Honda has the condition described. To determine whether this information applies, contact an authorized Honda dealer.

7. Cut off the right 4P male O₂ sensor coupler (on the wire harness side).



8. Install a PVC cap onto the end of the Black/yellow wire and Green/red wire (these are the wires that were connected to the coupler that was removed in step 7). Fold each cap back and tape it securely to its wire; these wires are no longer used.
 - Do not cut the wires off, just tape them back.
 - The tape is supplied in the replacement kit.
9. Strip the ends of the White and Black/red wires (which were connected to the coupler that was removed in step 7) on the wire harness side and the 2P coupler on the sub-harness. Install a heat shrink tube on each wire of the sub harness.
10. Twist the ends of the White and Black/red wires of the sub-harness 2P coupler to the White and Black/red wires of the main harness.
11. Solder the wires using the solder from the kit.
12. Use a heat gun to secure the heat-shrink tubing over the soldered wires.
13. Connect the right O₂ sensor coupler to the white 4P male coupler on the sub harness.



14. Reinstall the top shelter (see page 2-10 in the Service Manual).

PARTS INFORMATION

O₂ Sensor Service Kit

P/N: 36530-MCA-305

H/C: 6838734

Components within the kit are as follows. Components without part numbers are **not available separately**.

- Right O₂ Sensor
P/N: 36531-MCA-013
HC: 6832125
- Left O₂ Sensor
P/N: 36532-MCA-013
HC: 6817357
- Sub-harness Kit
- PVC Cap
- Heat-shrink Tubing

WARRANTY INFORMATION

Normal warranty term applies. Use the following template number to submit your claims.

Template Number: **GL#7**

Flat-Rate Time: **1.4 hours**