



XJ range

DATE 02/06  
Amended 02/06

XJ303-13

**SERVICE**

**TECHNICAL BULLETIN**

Diagnostic Trouble Codes  
P050B-85, P0131 Or P0151 –  
Oxygen Sensor Calibration – Repair

MODEL 2006 MY  
XJ range  
VIN G49701-H01992

Remove and destroy Bulletin XJ303-13, dated 02/06.  
Replace with this Bulletin.  
Revisions are marked with a bar and in **bold text**.

**Issue:**

Some 2006 XJ range vehicles within the above VIN range, may exhibit a concern of malfunction indicator lamp (MIL) illumination and/or poor driveability, such as idle quality, hesitation, A/C inhibit at high ambient temperatures or poor performance.

Diagnostic trouble codes (DTCs) P050B-85 (Cold start monitor), or DTCs P0131, P0151 (Upstream heated oxygen sensor circuit low voltage) may be present.

**Cause:** The upstream heated oxygen sensor may experience sudden variations in temperature due to water droplets in the exhaust system. Under normal circumstances, this does not present an issue, but software calibration/sensor compatibility can result in the above DTCs being logged and the driveability issues described.

**Action:**

In case of a customer complaint of the above condition, refer to the procedures detailed in this bulletin.

**Note:** Reprogramming the TCM will cause the driving style memory to be erased. It is advisable to inform the customer that the transmission will have been reset and may drive differently than expected until the TCM adapts to the customer's driving style.

VIN G49701 TO G50786

Vehicles in the VIN range G49701 to G50786 must have new sensors (C2P8810) installed and the engine control module (ECM) and transmission control module (TCM) calibrations updated using WDS CD 41 or higher if:

- The ECM or TCM have been recently re-configured (not using disc 41 or higher).
- An upstream oxygen sensor has been recently changed for any other customer concerns.
- The vehicle has driveability issues as described in the summary section.
- The vehicle has DTCs stored as described in the summary section.

**NOTE: THE INFORMATION IN TECHNICAL BULLETINS IS INTENDED FOR USE BY TRAINED, PROFESSIONAL TECHNICIANS WITH THE KNOWLEDGE, TOOLS, AND EQUIPMENT TO DO THE JOB PROPERLY AND SAFELY. IT INFORMS THESE TECHNICIANS OF CONDITIONS THAT MAY OCCUR ON SOME VEHICLES, OR PROVIDES INFORMATION THAT COULD ASSIST IN PROPER VEHICLE SERVICE. THE PROCEDURES SHOULD NOT BE PERFORMED BY "DO-IT-YOURSELFERS." DO NOT ASSUME THAT A CONDITION DESCRIBED AFFECTS YOUR CAR. CONTACT A JAGUAR DEALER TO DETERMINE WHETHER THE BULLETIN APPLIES TO YOUR VEHICLE.**



## VIN H00001 TO H01992

Vehicles in the VIN range H00001 to H01992 must have only the engine control module (ECM) and transmission control module (TCM) calibrations updated using WDS CD 41 or higher if:

- The ECM or TCM have been recently re-configured (not using disc 41 or higher).
- The vehicle has driveability issues as described in the summary section.
- The vehicle has DTCs stored as described in the summary section.

**Note:** Vehicles from **H01993** will have the new upstream oxygen sensor and calibrations installed.

### **Global Technical Reference (GTR) Workshop Manual Information:**

Dealer access: <https://hub.franchise.jaguar.com>

Internet access: <http://www.jaguartechno.com>

### **Parts Information:**

<u>DESCRIPTION</u>	<u>PART NUMBER</u>	<u>QTY</u>
Upstream heated oxygen sensor	C2P 8810	2

### **Warranty Information:**

Warranty claims should be submitted quoting the information found in the table below. This will result in payment of the stated time and, where applicable parts/miscellaneous expense codes as listed.

<b>Description</b>	<b>SRO</b>	<b>Time</b>	<b>Causal Part Number</b>
Upstream heated oxygen sensor 1 - Bank 1 - Renew	18.30.78	0.2 hrs.	C2P 8810
Upstream heated oxygen sensor 1 - Bank 2 - Renew	18.30.79	0.2 hrs.	C2P 8810
Reprogram existing ECM	86.99.13	0.3 hrs.	C2P 8810
Reprogram existing TCM	86.99.14/-01	0.2 hrs.	C2P 8810

**Note:** Repair procedures are under constant review, and therefore repair times are subject to change. The times quoted here must be taken as guidance only. Always refer to DDW to obtain the latest repair time.