



XJ range

DATE 06/05

XJ303-08

SERVICE

TECHNICAL BULLETIN

Rough Idle/Restricted Performance/DTCs
P0174, P0171, P0301 to P0308, P1316 and
P1582 – Loose Air Cleaner Pipe

MODEL 2004 MY
XJ range

VIN G00001-G33756

Issue:

Some 2004 MY-ON XJ vehicles may exhibit drivability concerns such as rough idle, restricted performance and poor/harsh transmission shifts. There is also the possibility of Diagnostic Trouble Codes (DTC) stored in the Engine Control Module (ECM); these codes being P0174, P0171, P0301 to P0308, P1316 and P1582.

Note: The customer must be advised to use normal mode (not sports mode) for 200 miles (321 km) and to try to avoid full throttle/kick-down over this period.

Action:

Install a new air cleaner outlet pipe clip, and carry out a transmission adaptation procedure as outlined below.

SERVICE INSTRUCTION

1. Remove air cleaner outlet pipe (see Global Technical Reference GTR Workshop Manual, section: 303-12B).
2. Use a suitable cleaning solvent, to clean the inside of the tube and throttle housing aluminum mating face.
3. Install a new air cleaner outlet pipe clip (throttle body end), install air cleaner outlet pipe, (see Global Technical Reference GTR Workshop Manual, section: 303-12B) and tighten clips to 4.5 Nm.

Note: Ensure WDS is loaded with software release JTP 759/38 or later.

4. Position the WDS alongside vehicle, switch the Portable Test Unit (PTU) 'ON' and allow software to load.
5. Enter VIN and check the TCM and ECM for DTCs, any associated repairs are to be carried out as a separate Warranty Claim.

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.

6. Navigate to configuration main menu.
7. From the vehicle configuration main menu, select 'Special Application' and then run 'TCM adaptations clear' application.

Note: On vehicles prior G13694 N/A and G13491 SC, if the vehicle has had a surge modification re-flash carried out, re-implement Technical Bulletin XJ307-04.

8. After the 'TCM adaptations clear' is complete, switch 'OFF' PTU, disconnect from vehicle and return WDS to original location.
9. Carry out the adaptation drive cycle road test:

Note: This process must be carried out in normal mode (not sports mode). The transmission fluid temperature must be above 60° C (140° F). Use TOT function on WDS.

- Drive the vehicle for ten miles in an urban environment to provoke the transmission to carry out upshifts and downshifts.
- Use light throttle only and do not exceed 2500 rpm.
- At one point in the drive cycle, when the traffic conditions allow, accelerate gently to 60 m.p.h. (95 km/h) then allow the vehicle to coast down to 25 m.p.h. (40 km/h).

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>
Hose clip	XR8 49658	1

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.

Description	SRO	Time	Causal Part Number
Air cleaner outlet pipe clip service fix	19.91.75	0.5 hrs.	C2C 16485

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.