



SERVICE ACTION

Service Action
Number: K040

Subject:

Denso DII Throttle Body Replacement

Publication No.:	303-K040v4
Model:	See Table 1
Model Year:	See Table 1
VIN Range:	See Table 1
Date of Issue:	24 th January 2011
Expiration Date:	30th April 2012

To:	Importers in the following countries only: Morocco, United Arab Emirates, Bahrain, Egypt, Jordan, Kuwait, Lebanon, Oman, Qatar, Saudi Arabia and Syria
For the Attention of:	The Managing Director
Copies To:	The Service/Aftersales Director/Manager The Parts Director/Manager
Related information:	This Service Action is being re-issued to extend the expiration date for 12 months to the 30th April 2012.

RE: Denso DII Throttle Body Replacement

Dear Colleagues

Investigations have determined that for the markets listed above, extended idle periods in very hot ambient climates with the air conditioning in operation, can cause the throttle position sensor to fail resulting in diagnostic trouble code (DTC) P0121 on vehicles up to 2005MY or P2135 being stored on 2005MY vehicles onwards, with the vehicle going into limp home mode and the restricted performance indicator lamp displayed on the instrument pack.

This action is being completed to remedy a condition that is predominantly found in the unique operating conditions of the markets listed above.

The affected vehicles are highlighted in Table 1 below.

Table 1 – Affected Vehicles

Model	Model Year	Engine	VIN Range
Jaguar XK	2003 to 2006	All	A30665 to A48670
Jaguar S-TYPE	2002.5 to 2005	2.5L, 3.0L, 4.2L N/A and 4.2L SC	M45269 to N52045
Jaguar XJ	2003 to 2005	All	G00539 to G49679
Jaguar X-TYPE	2001 to 2004	2.5L and 3.0L	C00400 to E16886

Action to be taken

You are requested to replace the throttle body at the next available service opportunity.

The workshop procedure is attached as Appendix 1.

Please check DDW to ensure that the vehicle is affected by this Service Action prior to undertaking any rework action. DDW will be updated to reflect only those vehicles affected. Should you require a listing of the affected vehicles, please contact the Jaguar Field Actions team by e-mail at jircamp@jaguarlandrover.com. All overseas requests should be forwarded via the National Sales Company/Regional Office only.

At the time of confirming a booking for vehicle repair, please ensure that all outstanding Field Service Actions are identified to ensure the correct parts are available and adequate workshop time is allocated for repairs to be completed at one visit.

Parts Information

The parts from Table 2 if required should be ordered through Jaguar Parts Operations in the normal manner.

Table 2

Description	Model	Engine	Part Number	Quantity
Throttle Body	XK	4.2L N/A and SC	C2C 41056	1
Throttle Body	S-TYPE	2.5L and 3.0L	C2C 41067	1
Throttle Body	S-TYPE	4.2L N/A	C2C 41057	1
Throttle Body	S-TYPE	4.2L SC	C2C 41056	1
Throttle Body	XJ	3.0L	C2C 41067	1
Throttle Body	XJ	3.5L and 4.2L N/A	C2C 41057	1
Throttle Body	XJ	4.2L SC	C2C 41056	1
Throttle Body	X-TYPE	2.5L and 3.0L	C2C 41067	1
Throttle Body Gasket	XK	V8 N/A	AJ8 3445	1
Throttle Body Gasket	All	V8 SC	AJ8 3445	1
Throttle Body Gasket	All except XK	V8 N/A	C2C 17430	1
Throttle Body Gasket	All	V6	XR8 19852	1

Warranty Information

Table 3 – SROs

Description	Model	Engine	SRO	Time
Renew throttle body	XK	All	19.70.04	0.3
Renew throttle body	S-TYPE	2.5L and 3.0L	19.70.04	0.5
Renew throttle body	S-TYPE	4.2L N/A	19.70.04	0.6
Renew throttle body	S-TYPE	4.2L SC	19.70.04	1.0
Renew throttle body	XJ	3.0L	19.70.04	0.4
Renew throttle body	XJ	3.5L and 4.2L N/A	19.70.04	0.5
Renew throttle body	XJ	4.2L SC	19.70.04	0.8
Renew throttle body	X-TYPE	2.5L and 3.0L	19.70.04	0.3
Clear DTCs	All	All	86.99.96	0.2
Drive in/drive out	All	All	10.10.10	0.1

GACES Direct Dealer Warranty

Warranty Claims should be submitted quoting program code **K040** together with the relevant option code from Table 4 of this Service Action. This will result in payment of the stated time and, where applicable, parts/miscellaneous expense codes.

As option codes are used, there is no requirement for you to enter parts or SRO information; these are repeated here for information only.

Table 4

Affected Vehicles:						
XK 4.2L SC, S-TYPE 4.2L SC & XJ 4.2L SC						
Program code	Option	Description	SRO	Time	Part Number	Qty

K040	B	Renew Throttle Body and clear DTCs	19.70.04 86.99.96	See Table 3	C2C 41056 AJ8 3445	1 1
K040	C	Renew Throttle Body and clear DTCs Drive in/drive out	19.70.04 86.99.96 10.10.10	See Table 3	C2C 41056 AJ8 3445	1 1
K040	D	Renew Throttle Body only	19.70.04	See Table 3	C2C 41056 AJ8 3445	1 1
K040	E	Renew Throttle Body only Drive in/drive out	19.70.04 10.10.10	See Table 3	C2C 41056 AJ8 3445	1 1

Affected Vehicles:

S-TYPE 2.5L & 3.0L, XJ 3.0L & X-TYPE 2.5L & 3.0L

Program code	Option	Description	SRO	Time	Part Number	Qty
K040	F	Renew Throttle Body and clear DTCs	19.70.04 86.99.96	See Table 3	C2C 41067 XR8 19852	1 1
K040	G	Renew Throttle Body and clear DTCs Drive in/drive out	19.70.04 86.99.96 10.10.10	See Table 3	C2C 41067 XR8 19852	1 1
K040	H	Renew Throttle Body only	19.70.04	See Table 3	C2C 41067 XR8 19852	1 1
K040	J	Renew Throttle Body only Drive in/drive out	19.70.04 10.10.10	See Table 3	C2C 41067 XR8 19852	1 1

Affected Vehicles:

S-TYPE 4.2L N/A, XJ 3.5L & 4.2L N/A

Program code	Option	Description	SRO	Time	Part Number	Qty
K040	N	Renew Throttle Body and clear DTCs	19.70.04 86.99.96	See Table 3	C2C 41057 C2C 17430	1 1
K040	P	Renew Throttle Body and clear DTCs Drive in/drive out	19.70.04 86.99.96 10.10.10	See Table 3	C2C 41057 C2C 17430	1 1
K040	Q	Renew Throttle Body only	19.70.04	See Table 3	C2C 41057 C2C 17430	1 1
K040	R	Renew Throttle Body only Drive in/drive out	19.70.04 10.10.10	See Table 3	C2C 41057 C2C 17430	1 1

Affected Vehicles:

XK 4.2L N/A

K040	S	Renew Throttle Body and clear DTCs	19.70.04 86.99.96	See Table 3	C2C 41056 AJ8 3445	1 1
K040	T	Renew Throttle Body and clear DTCs Drive in/drive out	19.70.04 86.99.96 10.10.10	See Table 3	C2C 41056 AJ8 3445	1 1
K040	U	Renew Throttle Body only	19.70.04	See Table 3	C2C 41056 AJ8 3445	1 1

K040	V	Renew Throttle Body only Drive in/drive out	19.70.04 10.10.10	See Table 3	C2C 41056 AJ8 3445	1 1
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Note: The options that contains the drive in/drive out allowance may only be claimed when the vehicle has been brought back into the workshop for this action alone to be undertaken.

Warranty Claims should be submitted in accordance with the current Jaguar Warranty Policy and Procedures Manual and its amendments, unless stated otherwise in this Service Action.


Yours faithfully



K Phelps
Director – Service Operations

Attached: Appendix 1 – Workshop Procedure

Appendix 1 – Workshop Procedure

1	Install a new throttle body (see TOPIx Workshop Procedure, section: 303-04 (19.70.04)).
2	Turn the ignition 'ON' then 'OFF' (to allow the vehicle adaptations to be reset). Start the engine and allow to idle for 3 minutes, and then turn the engine 'OFF'.
3	CAUTION:  This procedure requires SDD DVD119 loaded or later. Connect an approved battery charger/power supply to the vehicle.
4	Connect IDS to the vehicle and begin a new diagnostic session, by entering the correct VIN for the current vehicle.
5	Confirm vehicle details and select 'Diagnosis' session type.
6	Select the following symptoms: 'Powertrain - Engine system - Engine performance' and then 'Continue'.
7	Run the 'Complete vehicle - Clear all stored diagnostic trouble codes' candidate from the 'Recommendations' tab.
8	Follow all on-screen instructions to clear diagnostic trouble codes.
9	When the task is completed, exit the current session.
10	Disconnect IDS and the battery charger/power supply.