



X-TYPE

DATE 03/03

XT303-S937

SERVICE

TECHNICAL BULLETIN

Enhancements To Vehicle Operation –
Reprogram ECM/TCM –
Service Action S937

MODEL 2002-03 MY
X-TYPE

VIN C00294-D17471

**This service action supersedes Service Actions S926 and S931.
(Technical bulletins XT307-S926 and XT412-S931.)**

Issue:

A significant change has been introduced in production to the programming of the Engine Control Module (ECM) and for automatic transmission vehicles, the Transmission Control Module (TCM) that provides a perceptible enhancement to the vehicle's operation.

On manual transmission vehicles, the ECM should be reprogrammed to the latest condition using Worldwide Diagnostic System (WDS) release JTP 759/23A or later. On automatic transmission vehicles, the ECM and TCM should be reprogrammed to the latest condition using Worldwide Diagnostic System (WDS) release JTP 759/23A or later.

It is intended that this Service Action be carried out in conjunction with Recall Action R935 Direction Indicator Tell Tale Operation.

This Service Action supersedes the following campaigns:

- XT307-**S926** Degradation of Shift Quality
- XT412-**S931** A/C System Failure Due to Incorrect Engine Management Software

Action:

Perform these reprogramming procedures on any 2002-03 MY X-TYPE vehicle, within the above VIN range, on which they have not already been carried out.

REPROGRAMMING PROCEDURE

Note: Ensure WDS is loaded with software release JTP 759/23A or later.

1. Position WDS alongside vehicle, switch Portable Test Unit (PTU) 'ON' and allow software to load.
2. Connect PTU to vehicle DLC using diagnostic cable.
3. Enter VIN and navigate to configuration main menu.

4. Select and run 're-configure existing ECM' application.
5. After reconfiguration of ECM is complete, return to configuration main menu.
6. On automatic transmission vehicles, select and run 're-configure existing TCM' application.
7. On all vehicles, after reconfiguration of ECM/TCM is complete, switch 'OFF' PTU, disconnect from vehicle, and return WDS to original location.
8. Fill out an authorized modification label (Illustration 1) and apply it to the underside of the hood. *This information can be written on the same label being used for R935.*

AUTHORIZED MODIFICATION LABEL																												
WRITE IN DEALER NUMBER	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center; font-weight: bold;">JAGUAR</td> <td style="text-align: center; font-weight: bold;">AUTHORIZED MODIFICATIONS</td> <td style="text-align: right;">WRITE IN DESCRIPTION</td> </tr> <tr> <td colspan="3" style="text-align: center; font-size: small;">THE FOLLOWING MODIFICATIONS HAVE BEEN MADE</td> </tr> <tr> <td colspan="3" style="text-align: center;">RECALL R935 - REPLACE AND PROGRAM GECM</td> </tr> <tr> <td colspan="3" style="text-align: center;">SERVICE ACTION S937</td> </tr> <tr> <td colspan="3" style="text-align: center;">REPROGRAM ECM/TCM</td> </tr> <tr> <td colspan="3" style="text-align: center; font-size: x-small;">THESE MODIFICATIONS HAVE BEEN APPROVED, AS APPROPRIATE.</td> </tr> <tr> <td style="font-size: x-small;">DEALER NUMBER:</td> <td style="border: 1px solid black; width: 100px;"></td> <td style="font-size: x-small;">DATE:</td> </tr> <tr> <td style="font-size: x-small;">CHANGE AUTHORITY:</td> <td colspan="2" style="border: 1px solid black;"></td> </tr> <tr> <td colspan="3" style="font-size: x-small;">JAGUAR PLC CAMPAIGN</td> </tr> </table>	JAGUAR	AUTHORIZED MODIFICATIONS	WRITE IN DESCRIPTION	THE FOLLOWING MODIFICATIONS HAVE BEEN MADE			RECALL R935 - REPLACE AND PROGRAM GECM			SERVICE ACTION S937			REPROGRAM ECM/TCM			THESE MODIFICATIONS HAVE BEEN APPROVED, AS APPROPRIATE.			DEALER NUMBER:		DATE:	CHANGE AUTHORITY:			JAGUAR PLC CAMPAIGN		
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ILLUSTRATION 1

Warranty Information:

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

The options that allow for drive in/drive out can only be claimed when the vehicle has been brought in for this action alone to be undertaken.

The SRO(s) listed have been included for information only, there will be no requirement to enter the parts or SRO(s) onto the claim.

Note: Always review a Vehicle's Claim History within DDW first to determine whether this service action has been previously performed on a specific vehicle. The "Review Claim History" function will display a list of claims against the vehicle. If this service action appears in the program code field, do not perform this service action.

Service Action S937

2002 MY	2.5L	VIN Range	2XC00294 - 2XC86114
2002 MY	3.0L	VIN Range	2WC00294 - 2WC86114
2003 MY	2.5L	VIN Range	3XC86115 - 3XD17471
2003 MY	3.0L	VIN Range	3WC86115 - 3WD17471

Program Code	Option	Description	SRO	Time	Part Number	Part Description	Qty
S937	B	ECM Re-program (manual vehicles only)	86.99.13	0.3	-	-	-
S937	C	ECM Re-program (manual vehicles only)	86.99.13	0.3	-	-	-
		Drive in/drive out	10.10.10	0.1			
S937	D	ECM/TCM Re-program WDS not already connected to vehicle	86.99.31	0.5	-	-	-
S937	E	ECM/TCM Re-program WDS not already connected to vehicle	86.99.31	0.5	-	-	-
		Drive in/drive out	10.10.10	0.1			
S937	F	ECM/TCM Re-program WDS already connected to vehicle	86.99.31/01	0.2	-	-	-
S937	G	ECM/TCM Re-program WDS already connected to vehicle	86.99.31/01	0.2	-	-	-
		Drive in/drive out	10.10.10	0.1			

March 18, 2003

Re: Product Enhancement Opportunity

Dear Jaguar Owner:

At Jaguar Cars we are committed to a process of continuous improvement. Through routine product evaluation we have identified and implemented a number of electronic control module calibration upgrades to enhance the performance of current production vehicles.

We would like to offer you the opportunity of having these software upgrades performed on your vehicle. Your local retailer will upgrade the software in a number of control modules, which, depending on the production date of the vehicle include one or more of the following: Transmission Control Module, Adaptive Restraints Control Module, and Engine Control Module. Your retailer will be able to determine which upgrades are applicable.

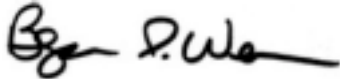
All of the work mentioned above will be performed at no cost to you.

What should you do?

At your earliest convenience please contact your Jaguar Retailer who will be able to make an appointment to perform this work on your vehicle. Please ensure that when you contact your retailer you have the Vehicle Identification Number available, which will help them assist you faster. This number can be found at the base of the windshield on the driver's side. Your retailer may need to keep your vehicle overnight, so please take this into consideration in advance.

We sincerely hope you take advantage of this opportunity. Please contact your Jaguar Retailer or the Jaguar Customer Relationship Center at 1 800 4JAGUAR, Option # 9, or by e-mail at jaguarowner@jaguar.com if you have any further questions.

Yours sincerely,



Benjamin I. Weiner
Customer Satisfaction Manager