MITSUBISHI MOTORS

SERVICE BULLETIN

GLOBAL AFTER SALES OFFICE, MITSUBISHI MOTORS CORPORATION

PURPOSE : INFORMATION	ISSUE NO. : MSB-10E13-003	DATE : 2010-10-20
SUBJECT : MPI SYSTEM DTC P0219		<MODEL> <M/Y>
GROUP : FUEL		(EUR/RUSSIA/UK/ISRAEL) See following 2. Applicable Manuals table.

1. Description:

A new diagnostic trouble code (DTC) P0219 is added to the failure detection function for the MPI system on the 4B11-T/C engines. This Service Bulletin contains the added descriptions.

Subject ECUs

Model year	ECU part number	Software version		Effective date
		New	Current	
2010	1860A981 (M/T)	530412	530410	From the beginning of November 2009
	1860A982 (TC-SST)	530511	530509	From the beginning of September 2009
	1860B398 (M/T)	-	-	From 2010 models
	1860B399 (TC-SST)	-	-	From 2010 models
	1860B105 (TC-SST)	535911	535909	From the middle of September 2009
	1860B107 (TC-SST)	536112	536110	From the beginning of September 2009
	1860B220 (M/T)	545705	545703	From the beginning of October 2009
2011	1860B476 (M/T)	-	-	From 2011 models
	1860B477 (TC-SST)	-	-	From 2011 models
	1860B530 (TC-SST)	-	-	From 2011 models
	1860B486 (TC-SST)	-	-	From 2011 models

2. Applicable Manuals:

See Attached sheets 1 (1/2) and 1 (2/2).

There may be some attached sheets not included in this Service Bulletin because they are not applicable to your market. Their sheet numbers are not listed in the above table.

3. Effective Date:

See Above.

4. Details:

See Attached sheets 4 and 5.

Attached sheet 1 (1/2)

<EUR>

Manual/Model	<M/Y>	Pub. No.	Title (Info-ID)	Attached Sheet
2010 LANCER Workshop Manual (CY0A)	10	CG1E10E1-CD (English) CG1S10E1-CD (Spanish) CG1F10E1-CD (French) CG1G10E1-CD (German) CG1I10E1-CD (Italian)	Gr.13E: Inspection Chart for Diagnosis Code (M131-15-104-53000-01)	Attached sheet 4
			Gr.13E: Code No. P0204: No.4 Injector System (M131-75-141-16600-01)	Attached sheet 5
2010 LANCER SPORTBACK Workshop Manual (CX0A)	10	CG4E10E1-CD (English) CG4S10E1-CD (Spanish) CG4F10E1-CD (French) CG4G10E1-CD (German) CG4I10E1-CD (Italian)	Gr.13C: Inspection Chart for Diagnosis Code (M131-15-103-78600-01)	Attached sheet 4
			Gr.13C: Code No. P0204: No.4 Injector System (M131-75-140-96900-01)	Attached sheet 5
2011 LANCER/ LANCER SPORTBACK Workshop Manual (CY0A/CX0A)	11	CG4E11E1-CD (English) CG4S11E1-CD (Spanish) CG4F11E1-CD (French) CG4G11E1-CD (German) CG4I11E1-CD (Italian)	Gr.13E: Inspection Chart for Diagnosis Code (M131-15-105-36200-01)	Attached sheet 4
			Gr.13E: Code No. P0204: No.4 Injector System (M131-75-141-38200-01)	Attached sheet 5
2010 LANCER EVOLUTION Workshop Manual (CZ4A)	10	CGEE10E1-CD (English) CGES10E1-CD (Spanish) CGEF10E1-CD (French) CGEG10E1-CD (German) CGEI10E1-CD (Italian)	Gr.13A: Inspection Chart for Diagnosis Code (M131-15-104-61500-01)	Attached sheet 4
			Gr.13A: Code No. P0204: No.4 Injector System (M131-75-140-89500-01)	Attached sheet 5
2011 LANCER EVOLUTION Workshop Manual (CZ4A)	11	CGEE11E1-CD (English) CGES11E1-CD (Spanish) CGEF11E1-CD (French) CGEG11E1-CD (German) CGEI11E1-CD (Italian)	Gr.13A: Inspection Chart for Diagnosis Code (M131-15-105-56600-01)	Attached sheet 4
			Gr.13A: Code No. P0204: No.4 Injector System (M131-75-140-89500-01)	Attached sheet 5

<RUSSIA>

Underneath Manual/Model	<M/Y>	Underneath Pub. No.	Title (Info-ID)	Attached Sheet
2010 LANCER EVOLUTION Workshop Manual (CZ4A)	10	N/A	Gr.13A: Inspection Chart for Diagnosis Code (M131-15-104-61500-01)	Attached sheet 4
			Gr.13A: Code No. P0204: No.4 Injector System (M131-75-140-89500-01)	Attached sheet 5
2011 LANCER EVOLUTION Workshop Manual (CZ4A)	11	N/A	Gr.13A: Inspection Chart for Diagnosis Code (M131-15-105-56600-01)	Attached sheet 4
			Gr.13A: Code No. P0204: No.4 Injector System (M131-75-140-89500-01)	Attached sheet 5

<UK/ISRAEL>

Manual/Model	<M/Y>	Pub. No.	Title (Info-ID)	Attached Sheet
2010 LANCER EVOLUTION Workshop Manual (CZ4A)	10	CGEE10E1-CD (English) CGES10E1-CD (Spanish) CGEF10E1-CD (French) CGEG10E1-CD (German) CGEI10E1-CD (Italian)	Gr.13A: Inspection Chart for Diagnosis Code (M131-15-104-61500-01)	Attached sheet 4
			Gr.13A: Code No. P0204: No.4 Injector System (M131-75-140-89500-01)	Attached sheet 5
2011 LANCER EVOLUTION Workshop Manual (CZ4A)	11	CGEE11E1-CD (English) CGES11E1-CD (Spanish) CGEF11E1-CD (French) CGEG11E1-CD (German) CGEI11E1-CD (Italian)	Gr.13A: Inspection Chart for Diagnosis Code (M131-15-105-56600-01)	Attached sheet 4
			Gr.13A: Code No. P0204: No.4 Injector System (M131-75-140-89500-01)	Attached sheet 5

Attached sheet 4

<Added>

Code No.	Diagnosis item	Reference page
P 0219	Engine over speed condition	Attached sheet 5

Attached sheet 5

<Added>

DTC P0219: Engine Over Speed Condition

FUNCTION
- The engine-ECU monitors the engine rotational speed. When the engine rotation increases to the speed which has possibility of failure, the engine-ECU stores the diagnosis code.

TROUBLE JUDGMENT

Check Condition
- Ignition switch is "ON" position.

Judgment Criterion
- The maximum engine rotational speed stored in the past was more than 8,043 r/min.

FAIL-SAFE AND BACKUP FUNCTION
- None

PROBABLE CAUSES
- The failure is supposed to be attributed to the excessive engine rotational speed.

DIAGNOSIS
1. When this diagnosis code is output, check whether the engine malfunctions or not.

   NOTE: Except for an engine malfunction, there are possible causes attributed to the excessive engine rotational speed. Check whether there is another malfunction except the engine failure.
2. If there is a malfunction, check and repair it.
3. After the repair, initialize the learning value. (Refer to GROUP 00, Precautions Before Service – Initialization Procedure For Learning Value In MPI Engine.)
   Delete the diagnostic trouble codes.

   NOTE: If there is neither malfunction nor repair, it is not necessary to initialize the learning value or delete the diagnosis code.