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EG-0001L-0110-EN

Technical Service Bulletin

11/01/2010

Subject:

White smoke from exhaust

Models:

IS220d

Model codes:

ALE20

ENGINE

4 pages

INTRODUCTION

This Technical Service Bulletin is to inform you of the production change and repair method for the subject concern. Applicable to vehicles produced before the production change effective VIN's / frame numbers shown below.

DESCRIPTION OF PHENOMENON

Some customers may complain about white smoke from the exhaust.

PRODUCTION CHANGE

The ECU software has been improved.

PRODUCTION CHANGE INFORMATION

Model code	Plant	Production change effective VIN	Implementation date
ALE20 (Normal)	TMK	JTHBB262302036551	December, 2009
ALE20 (Sport before MMC)		Out of production	N/A
ALE20 (Sport after MMC)		JTHBB262702036553	December, 2009

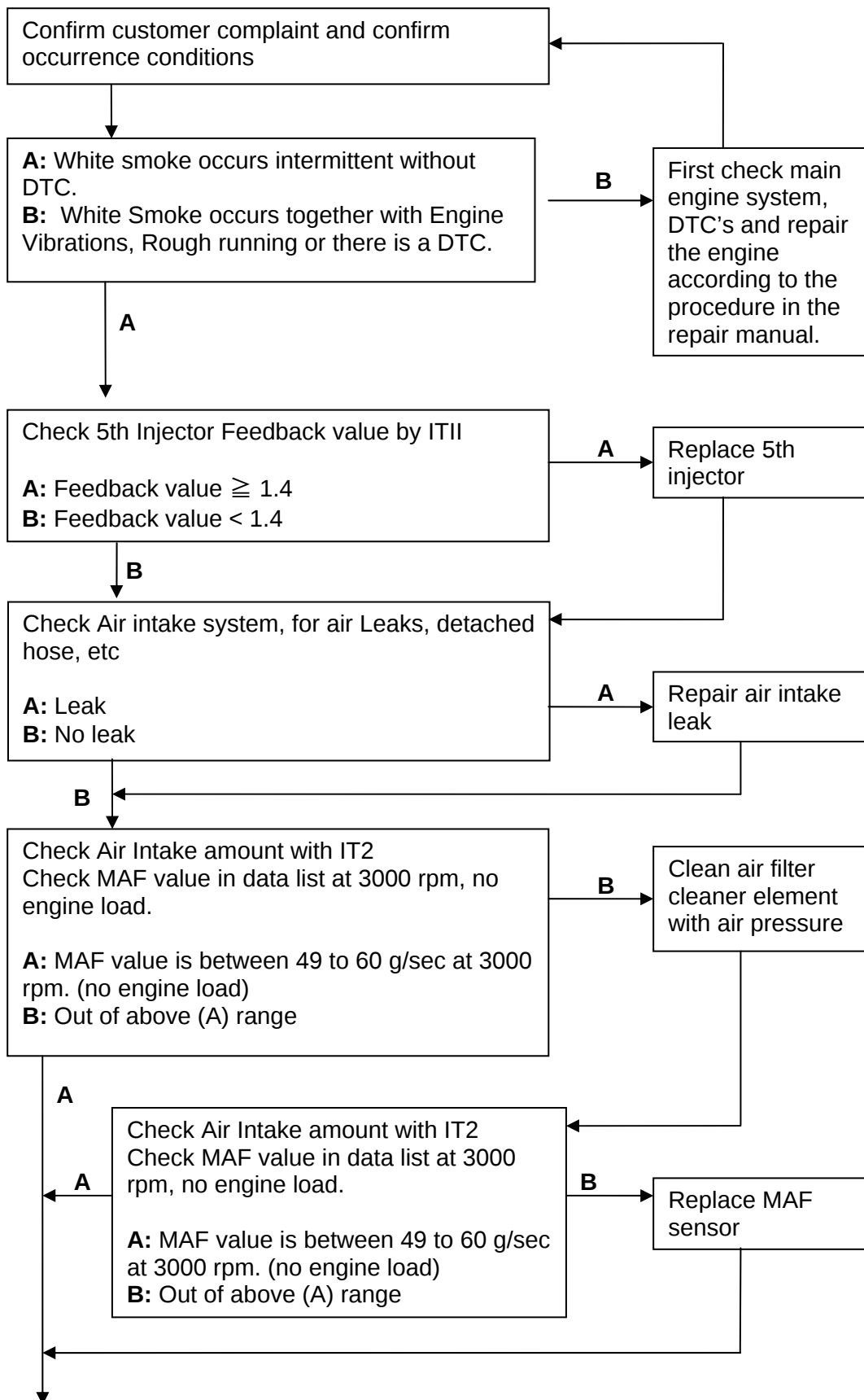
PARTS INFORMATION

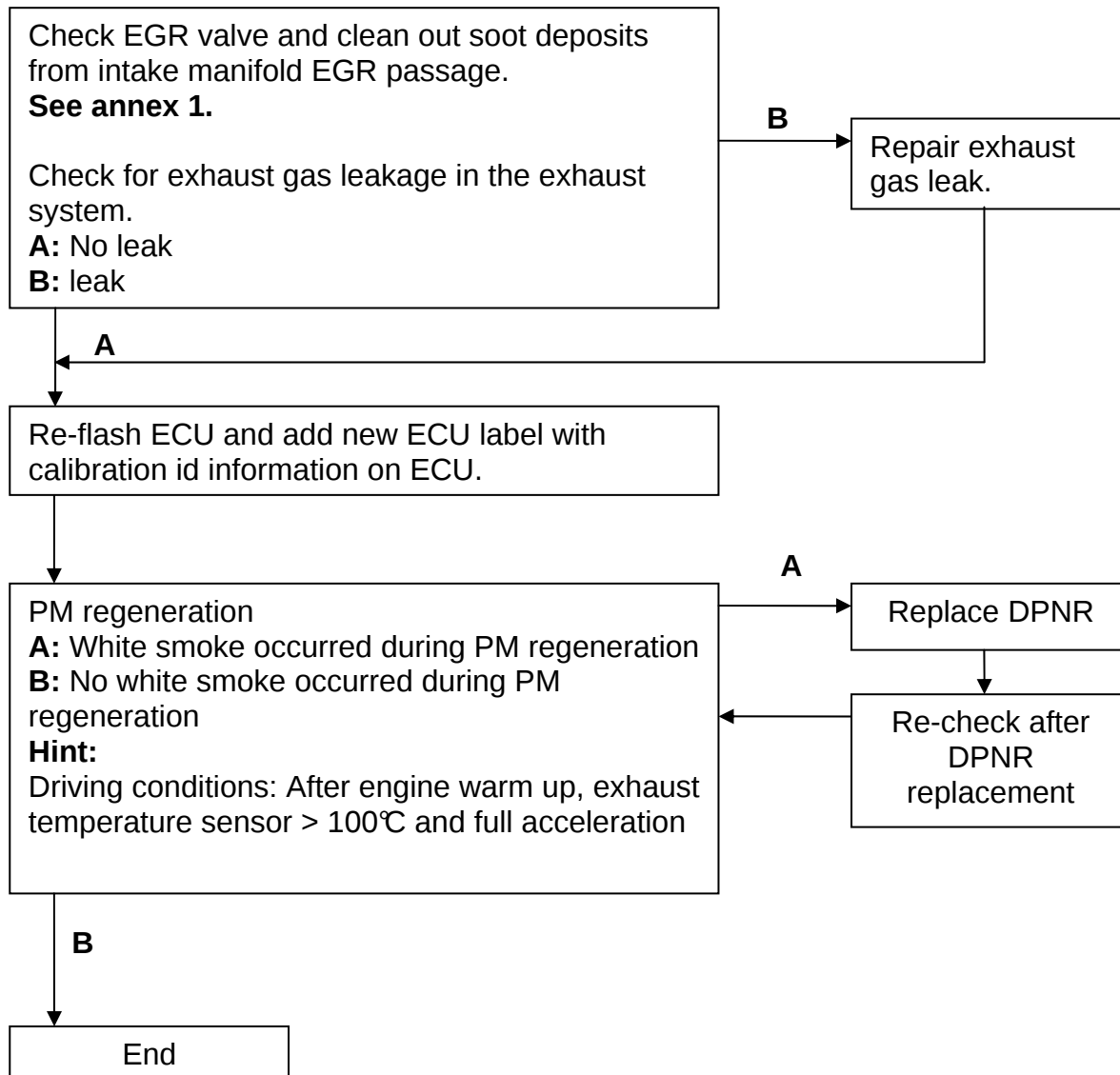
Model	Previous P/N	Current P/N	Calibr. id	Part Name	Quantity
IS (Normal)	89661-53700 89661-53701 89661-53702	89661-53702	35335600	Computer, engine control	No parts needed, use a new sticker as described in TSB: EG-6003R. 'Reprogramming method of engine ECU using IT2'
IS (Sport before MMC)	89661-53740 89661-53741 89661-53742	89661-53742	35339600		
IS (Sport after MMC)	89661-53D80	89661-53D80	353A3100		



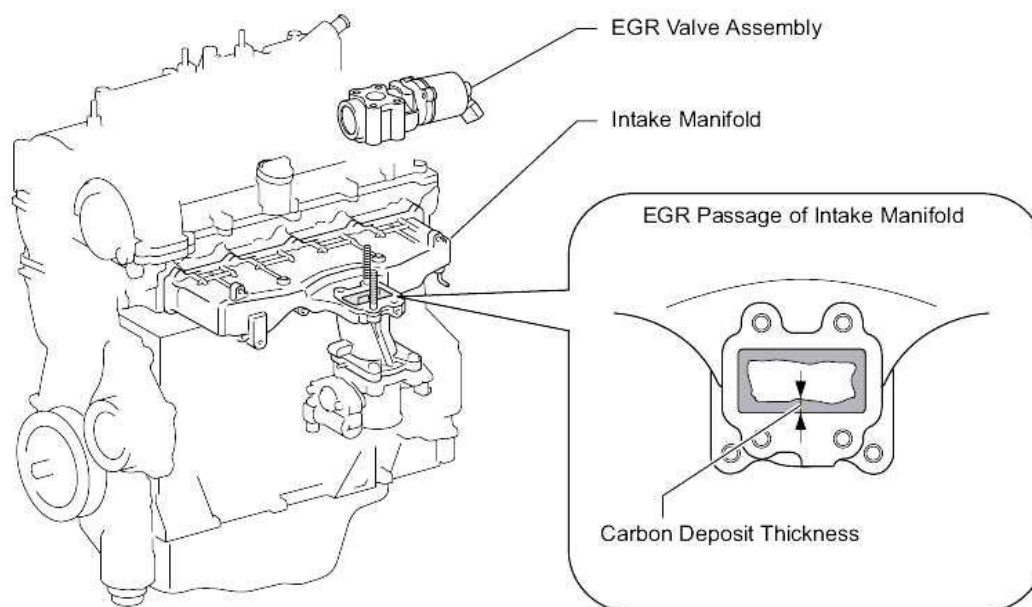
REPAIR PROCEDURE

Repair the vehicle according to the following repair procedure.





Annex 1	Check for the amount of carbon deposits.
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Result	Clean
No deposits	No need to clean
Some deposits	Intake manifold, EGR valve, EGR pipe No1, EGR pipe No2, EGR cooler.

Notice:

When cleaning the EGR valve, use a piece of cloth soaked with cleaning solvent. Spraying the solvent directly on to this part or soaking the parts in the solvent may damage the part. Extreme care must be taken to prevent the removed deposits from falling into the engine unit during cleaning.

Hint:

Remove the intake manifold from the cylinder head when it has to be cleaned.
Do not leave any deposits in the EGR valve assembly when cleaning the valve.