



KIA MOTORS

GROUP
Engine

MODEL
2.4L Forte/Koup A/T

NUMBER
058

DATE
October 2009

TECHNICAL SERVICE BULLETIN

SUBJECT: SERVICE ACTION: PCM UPGRADE "REVERSE" POSITION
RPM IMPROVEMENT (SA018)

KMA is conducting a Service Action in relation to some 2010 MY Forte Sedan and Koup with 2.4L engines. Some vehicles may experience a noise/droan from the rear compartment after shifting to reverse gear. Since the idle is slightly higher at cold starts, the higher idle RPM create a noise (from the rear roll-stop due to excessive vibration at mount area). This PCM upgrade will lower the RPM range for vehicles produced prior to October 17, 2009.



Global Diagnostic System
(GDS)

To correct this condition, the PCM should be programmed using the GDS download as described in this bulletin.

UPGRADE EVENT NAME

100. 2.4 10MY A/T Reverse Low Idle

*NOTICE

A Service Action is a repair program without customer notification that is performed during the warranty period. Any dealer request to perform this repair outside the warranty period will require DPSM approval.

Repair status for a VIN is provided on WebDCS (Service>Warranty Coverage>Warranty Coverage Inquiry>Campaign Information). Not Completed Recall/Service Action reports are available on WebDCS (Consumer Affairs>Not Completed Recall Recall VIN>Select Report), which includes a list of affected vehicles.

The issue number is SA018.

File Under: Engine

Circulate To: ☒ General Manager ☒ Service Manager ☒ Parts Manager
☒ Service Advisor(s) ☒ Technician(s) ☒ Body Shop Manager ☒ Fleet Repair

SUBJECT:

SERVICE ACTION: PCM UPGRADE "REVERSE" POSITION
RPM IMPROVEMENT (SA018)

*NOTICE

DO NOT attempt to perform a Manual Mode ECM upgrade unless Auto Mode fails. Always follow the instructions given on the GDS tool in either Auto or Manual mode. See table for Manual Mode passwords. In addition, a ECM reset is required if Auto Mode fails; refer to the table below for procedure.

MANUAL MODE ECM UPGRADE PASSWORDS:

MENU	PASSWORD
TD 10MY 2.4 - IMMO ULEV : 39102-2G320/321	2121
TD 10MY 2.4 - IMMO SULEV : 39102-2G330/331	2331
TD 10MY 2.4 - IMMO ULEV : 39152-2G270	2170
TD 10MY 2.4 - IMMO SULEV : 39152-2G280	2280

*** Do NOT perform Manual Mode ECM upgrade unless Auto Mode fails.**

** Do Not Force the Calibration into the Incorrect P/N PCM, this is subject to warranty chargeback.*

- When the GDS tool reports that the ECM upgrade has been successfully completed, click OK, turn OFF the ignition key, and wait at least 10 seconds before attempting to start the engine.
- Check for Diagnostic Trouble Codes using the GDS and erase any DTCs stored in the Engine module, EPS, ESC and TPMS due to CAN Systems.

AFFECTED PRODUCTION RANGE:

2010 Forte vehicles equipped with 2.4L and Automatic Transaxle produced prior to 10/17/2009.

WARRANTY CLAIM INFORMATION:

Claim Type	Causal P/N	Qty.	N Code	C Code	Repair Description	Labor Op Code	Time	Related Parts	Qty
V	39102 2G320	0	N94	C40	SA018 - PCM Upgrade	090052R0	0.3 M/H	N/A	0

*NOTICE

VIN Inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference SA018 when accessing their Dealer Communications System (DCS).