



KIA MOTORS

GROUP
Engine

MODEL
Forte / Koup 2.0L w/ M/T

NUMBER
057 [Revised]

DATE
January 2010

TECHNICAL SERVICE BULLETIN

SUBJECT: SERVICE ACTION: PCM UPGRADE FOR MANUAL TRANSMISSION
2-3 SHIFT SHOCK RPM AND POP NOISE IMPROVEMENT (SA022)

This bulletin provides information related to some 2010MY Forte Sedan and Koup vehicles with 2.0L engines equipped with manual transaxles and no cruise control. Some vehicles may experience a shift shock during the 2-3 shift due to the rpm control. At times, they may produce a pop noise around 3000 rpm during the shift depending on customer driving style. This PCM upgrade will lower the RPM range during the shift to reduce the shock and pop noise on vehicles produced prior to August 19, 2009.



To correct this condition, the PCM software is recommended using the GDS download as described in this bulletin.

ENG057 / SA022
CLOSED

UPGRADE EVENT NAME
109. TD Forte 2.0L M/T 2-3 Shift Shock Improvement

File Under: Engine

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

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2-3 SHIFT SHOCK RPM AND POP NOISE IMPROVEMENT (SA022)

MANUAL MODE ECM UPGRADE PASSWORDS:

MENU	PASSWORD
TD 10MY 2.0 - IMMO : 39112-2G100	2100
TD 10MY 2.0 - IMMO : 39112-2G101	2101
TD 10MY 2.0 - IMMO : 39162-2G150	2150
TD 10MY 2.0 - IMMO : 39162-2G151	2151

*** 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 and Transaxle control modules (EPS, ESC, TPMS).

AFFECTED PRODUCTION RANGE:

2010 Forte vehicles equipped with 2.0L and Manual Transaxle produced prior to 8/18/2009.

WARRANTY CLAIM INFORMATION:

Claim Type	Causal P/N	Qty.	N Code	C Code	Repair Description	Labor Op Code	Time	Related Parts	Qty
V	39112 2G100	0	N94	C40	SA022 - PCM Upgrade	090056R0	0.3 M/H	N/A	0

***NOTICE**

VIN Inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference SA022 when accessing their Dealer Communications System (DCS).