



KIA MOTORS

GROUP
Engine

MODEL
2010 Forte & Forte Koup
with 2.0L Engine & VCM

NUMBER
070 [Rev 1]

DATE
June 2010

TECHNICAL SERVICE BULLETIN

SUBJECT: SERVICE ACTION: PCM UPGRADE FOR P0304 DUE TO VCM MOTOR VARIATION (SA038)

This bulletin provides the procedure to upgrade the Powertrain Control Module (PCM) of some 2010 Model Year Forte (TD) Sedan and Koup with 2.0L engines manufactured between 3/5/09~3/17/10. This reflash has enhanced VCM (Variable Control Module) Actuator logic to improve a rough idle condition at start-up or a MIL ON associated with P0304 set at start-up. To improve customer satisfaction Kia is requesting you perform this Service Action on all affected 2010 Forte & Forte Koup with 2.0L engines.

For confirmation that the latest reflash has been performed for the vehicle you are working on, verify ROM ID using the tables in this bulletin.

For vehicles not on the Affected Vehicles List, but with a similar concern, refer to TSB Engine 065 launched in March of 2010.



Global Diagnostic System (GDS)

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

UPGRADE EVENT NAME

119. TD 2.0L 10MY P0304 & VCM LOGIC

*NOTICE

This bulletin has been revised since it's original publication. New/revised sections of this bulletin are indicated by a black bar in the margin area.

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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7. 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.
8. Check for Diagnostic Trouble Codes using the GDS and erase any DTCs stored such as *EPS, ESC, and TPMS*. Due to CAN BUS multiple DTC's maybe set during reprogramming.

AFFECTED PRODUCTION RANGE:

Model	Production Date Range
2010 Model Year Forte / Forte Koup with 2.0L engine manufactured between 3/5/09~3/17/10.	3/5/09 ~ 3/17/10

***NOTICE**

WebDCS must be checked to confirm that SA 038 has not been previously done on any vehicle without a campaign completion label. WebDCS > Warranty Coverage > Warranty Coverage Inquiry > Check Open Campaign Status

To improve customer satisfaction remember to check for any additional open campaigns before returning the vehicle to the customer.

SERVICE ACTION WARRANTY CLAIM INFORMATION:

Claim Type	Causal P/N	Qty.	N Code	C Code	Repair Description	Labor Op Code	Time	Related Parts	Qty
V	39102 2G091	0	N69	C40	(SA038) ECM Upgrade – CAN-line	100017R0	0.3 M/H	N/A	0

***NOTICE**

VIN Inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference SA 038 when accessing the WebDCS system.