

| GROUP<br>Engine      | MODEL Optima (MG)         |
|----------------------|---------------------------|
| NUMBER 031 (Revised) | DATE <b>November 2007</b> |

## TECHNICAL SERVICE BULLETIN

SUBJECT:

SERVICE ACTION: 2006.5MY OPTIMA (MG) 2.4L CALIBRATION VERIFICATION NUMBER/POWERTRAIN CONTROL MODULE REPROGRAM

### \* NOTICE

A Service Action is a repair program without customer notification the performed during the warranty period. Any dealer request to poutside the warranty period will require DPSM approvation.

VIN inquiry data for this repair is provided for treating promption to the Campaign Inquiry Screen, located within the Wall of the Dealer Compunication is System.

The issue number is SA0

This se √on related to t odule (PCM) models produ 06. Some es with a 2.4L or communication sung the Calib from the PCM with devices or gene beantools). During routine emission me vehicle is connected ing device and OBDII data is extracted from the vehicle's PCM rer is unable to generate the CVN when prompted, the lack of communication Id prevent a successful emissions report.

In order to provide consumer satisfaction, the PCM should be reprogrammed using the GDS download as described in this bulletin

Note: Global Diagnostic System (GDS) users should access the "Notice" function from the GDS Main Screen for instructions regarding ECU upgrade events.

File Under: Engine

Circulate To: X General Manager X Service Manager X Parts Manager

X Service Advisor(s) Technician(s) X Body Shop Manager X Fleet Repair

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- 7. When the GDS tool reports that the ECU upgrade has been successfully completed, click OK, turn OFF the ignition key, and wait at least 20 seconds before attempting to start the engine.
- 8. Check for Diagnostic Trouble Codes using the GDS and erase any DTCs stored in the Engine and Transaxle control modules. Confirm proper shift points of A/T units after reprogramming to reduce customer complaints of excessive shift shock and improper shift points.

### AFFECTED PRODUCTION RANGE:

2006.5 Optima (MG) vehicles produced from September 29, 2005 to September 6, 2006

### WARRANTY CLAIM INFORMATION:

| Claim<br>Type | Causal P/N                 | Qty. | N<br>Code | C<br>Code | Repair<br>Description | Labor Op<br>Code | Time | Related<br>Parts | Qty. |
|---------------|----------------------------|------|-----------|-----------|-----------------------|------------------|------|------------------|------|
| V             | 39101 25140 (AT, w/cruise) | 0    | N94       | C40       | ECU Upgrade           | 060053R0         | 0.4  | NA               | 0    |
|               | 39111 25130 (MT, w/cruise) |      |           |           |                       |                  |      |                  |      |

## \* NOTICE

VIN inquiry data for this repair is provided for tracking purposes only. Kia Retailers should reference <u>SA001</u> when accessing their Dealer Communications System (DCS).

N94: Inoperative C40: Improper adjustment

TSB: ENG031 Optima November 2007