



Technical Service Bulletin

| | |
|--------------------|---|
| GROUP | NUMBER |
| CAMPAIGN | 25-01-051G |
| DATE | MODEL(S) |
| AUGUST 2025 | G80 (RG3) GV70 (JK1/JK1A) GV80 (JX1) |

SUBJECT: ECM SOFTWARE UPDATE – P030X MISFIRE (SERVICE CAMPAIGN 914G)

*** IMPORTANT**

Retailers must perform this service campaign on all affected vehicles prior to retail delivery to a guest and whenever an affected vehicle is in the shop for any maintenance or repair.

Access the “Vehicle Information” screen via WebDCS to identify open campaigns.

Description: Certain G80 (RG3), GV70 (JK1/JK1A), and GV80 (JX1) vehicles equipped with Theta III 2.5L T-GDI engines may illuminate the Check Engine Light as a result of misfire DTCs P0300, P0301, P0302, P0303, or P0304 during cold start. This bulletin provides instructions for updating the Engine Control Module (ECM).

- Applicable Vehicles (Certain):**
- 2021-2024MY G80 (RG3) produced from 07/25/2020 – 06/04/2024
 - 2022-2023MY & 2025MY GV70 (JK1) produced from 03/29/2021 – 03/04/2025 (VIN starts with ‘KMU’)
 - 2024-2025MY GV70 (JK1A) produced from 05/10/2023 – 02/13/2025 (VIN starts with ‘5NM’)
 - 2021-2024MY GV80 (JX1) produced from 07/27/2020 – 03/04/2024

Parts Information:

| Model | Part Name | Part Number | Figure | Remarks |
|-------------------------------|--|--------------|--------|--|
| G80 (RG3) | Campaign Sticker | NP001-SC914G | | Apply to all vehicles regardless of state. |
| GV70 (JK1/JKA1) GV80 (JX1) | Vehicle Emission Recall - Proof of Correction Card | NP050-09006 | | Order only for states: CA, CO, CT, DE, ME, MD, MA, NJ, NY, OR, PA, RI, VT, WA |

Circulate To: General Manager, Service Manager, Parts Manager, Warranty Manager, Service Advisors, Technicians, Body Shop Manager, Fleet Repair

SUBJECT:

ECM SOFTWARE UPDATE – P030X MISFIRE (SERVICE CAMPAIGN 914G)

SST Information:

| Tool Name | Tool Number | Figure | Ordering Information |
|-----------|-------------|---|--|
| VCI 3 | G0VPNNN006 |  | Website: https://genesisessentialtools.com/ Email: Genesistools@snapon.com Phone: 1-855-763-6630 Hours: 7 AM – 7 PM CST |
| VCI 2 | G1XDDMN002 |  | |

GDS Information:

| System | Event Number | Description |
|--------|--------------|---|
| Engine | 1258 | RG3 THETA3 2.5T-GDI FR MISFIRE DTC (P030X) IMPROVEMENT |
| | 1259 | JX1 THETA3 2.5T-GDI FR MISFIRE DTC (P030X) IMPROVEMENT |
| | 1260 | JK1(a) THETA3 2.5T-GDI FR MISFIRE DTC (P030X) IMPROVEMENT |

(*or use a later available event as listed in the GDS ECM Update screen if one is available.)

Warranty Information:

| Model | Op. Code | Operation | Op. Time | Causal Part | Nature Code | Cause Code |
|-----------------|----------|---|----------|-------------|-------------|------------|
| G80 (RG3) | 50D088R0 | ECM Software Update and Campaign Sticker Installation | 0.4 M/H | 39121-2TRN0 | I14 | ZZ3 |
| GV80 (JX1) | | | | 39121-2TJN0 | | |
| GV70 (JK1/JK1A) | | | | 39121-2TKN3 | | |

NOTE 1: Submit claim on Claim Entry Screen as “Campaign” type.

NOTE 2: If a part is found in need of replacement while performing this campaign and the affected part is still under warranty, submit a separate claim using the same repair order. If the affected part is out of warranty, submit a Prior Approval request for goodwill consideration prior to performing the work.

NOTE 3: This TSB includes repair validation photos. Op times include VIN, Mileage, and photo capture of the "ECU update complete" screen as outlined in the Digital Documentation Policy.

ROM ID Information:

| Model | Event | System | ECU Part Number | MY | ROM ID | | | |
|----------------|-------|------------------|-----------------|------------------|------------------|---------|------------------|---------|
| | | | | | Old | SW Ver. | New | SW Ver. |
| G80 (RG3) | 1258 | ECM | 39121-2TRN0 | 2021 | RGBWD5TMX2XXXECC | 6M1.EC0 | RGBWD5TMX2XXXH2A | 6M1.H20 |
| | | | | | RGBWD5TMX2XXXEEA | 6M1.EE0 | | |
| | | | | | RGBWD5TMX2XXXEFA | 6M1.EF0 | | |
| | | | | | RGBWD5TMX2XXXG2C | 6M1.G20 | | |
| | | | | | RGBWD5TMX2XXXH0A | 6M1.H00 | | |
| | | | 39121-2TRN5 | 2022 | RGDWD5TMX2XXXK5A | 6M1.K50 | RGDWD5TMX2XXXK7A | 6M1.K70 |
| | | | 39121-2TRN6 | 2023 | RGEWD5TMX2XXXL8A | 6M1.L80 | RGEWD5TMX2XXXM5A | 6M1.M50 |
| | | | | | RGEWD5TMX2XXXL8B | 6M1.L80 | | |
| | | | | | RGEWD5TMX2XXXM2A | 6M1.M20 | | |
| | | | 39121-2TRN7 | 2024 | RGEWD5TMX2XXXM2B | 6M1.M20 | RGEWD5TMX2XXXM5B | 6M1.M50 |
| GV80 (JX1) | 1259 | ECM | 39121-2TJN0 | 2021 | JXBWD5TMA3XXXECC | 6M1.EC0 | JXBWD5TMA3XXXH2A | 6M1.H20 |
| | | | | | JXBWD5TMA3XXXEEA | 6M1.EE0 | | |
| | | | | | JXBWD5TMA3XXXEFA | 6M1.EF0 | | |
| | | | | | JXBWD5TMA3XXXG2C | 6M1.G20 | | |
| | | | | | JXBWD5TMA3XXXH0A | 6M1.H00 | | |
| | | | 39121-2TJN5 | 2022 | JXDWD5TMA3XXXK5A | 6M1.K50 | JXDWD5TMA3XXXK7A | 6M1.K70 |
| | | | 39121-2TJN6 | | JXDWD5TMA3XXXK5B | 6M1.K50 | JXDWD5TMA3XXXK7B | 6M1.K70 |
| | | | 39121-2TJN7 | 2023 | JXEWD5TMA3XXXL8A | 6M1.L80 | JXEWD5TMA3XXXM5A | 6M1.M50 |
| | | | | | JXEWD5TMA3XXXL8B | 6M1.L80 | | |
| | | | | | JXEWD5TMA3XXXM2A | 6M1.M20 | | |
| 39121-2TJN8 | 2024 | JXEWD5TMA3XXXM2B | 6M1.M20 | JXEWD5TMA3XXXM5B | 6M1.M50 | | | |
| GV70 (JK1) | 1260 | ECM | 39121-2TKN0 | 2022 | JKBWD5TMA3XXXH0D | 6M1.H00 | JKBWD5TMA3XXXH2A | 6M1.H20 |
| | | | | | JKBWD5TMA3XXXH0E | 6M1.H00 | | |
| | | | 39121-2TKN1 | 2023 | JKEWD5TMA3XXXL8A | 6M1.L80 | JKEWD5TMA3XXXM5A | 6M1.M50 |
| | | | | | JKEWD5TMA3XXXL8B | 6M1.L80 | | |
| | | | | | JKEWD5TMA3XXXM2A | 6M1.M20 | | |
| 39121-2TKN3 | 2025 | JKGWN5TMA3XXXM2A | | JKGWN5TMA3XXXM5A | | | | |
| GV70 (JK1A) | | ECM | 39121-2TKN2 | 2024 | JKFWN5TMA3XXXM2A | 6M1.M20 | JKFWN5TMA3XXXM5A | 6M1.M50 |
| | | | 39121-2TKN3 | 2025 | JKGWN5TMA3XXXM2A | 6M1.M20 | JKGWN5TMA3XXXM5A | 6M1.M50 |

Service Procedure:

DIGITAL DOCUMENTATION

This TSB includes Repair validation photos. Refer to the latest Warranty Digital Documentation Policy for requirements.

NOTICE

You must initially perform the GDS ECU update in Auto Mode.

- If the ECU update starts but then fails in Auto Mode, perform the update in Manual Mode to recover.

NOTICE

Ensure the vehicle's battery charge is **above 11.0 Volts** and the tablet's battery charge is **above 30%** before performing a software update to avoid the update from failing.

***i* Information**

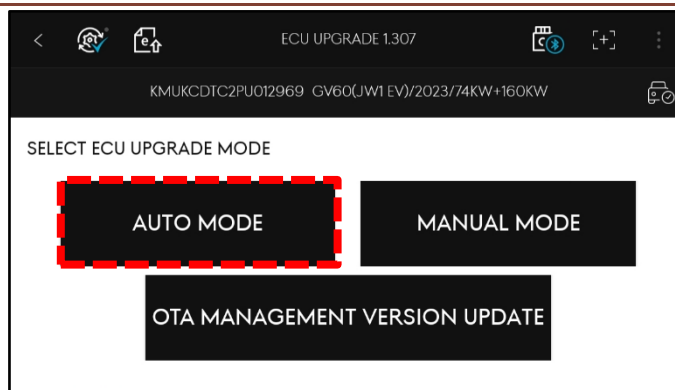
- Turn **OFF** all lamps (do **NOT** leave head lamp switch in auto mode) and all accessories.
- Perform update with the ignition switch in the **ON** position.
- Do **NOT** disconnect any cables connected to the vehicle or scan tool during update.
- Do **NOT** start the engine during update.
- Do **NOT** turn **OFF** the ignition switch during update.

ECU Update Procedure

1. Perform the ECU update in **Auto Mode**.

i Information

Refer to **TSB # 24-GI-016G**, “**ECU Update Procedure for Tablet-Based Genesis Smart**”, for additional information.



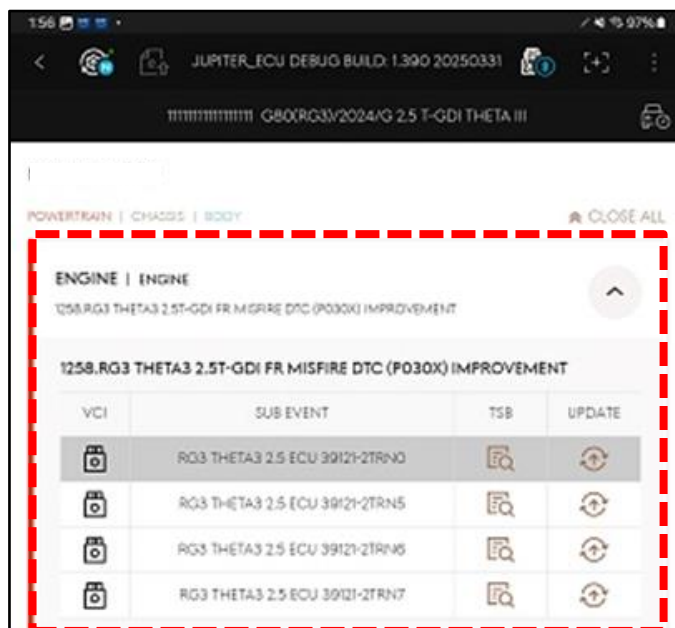
2. Verify the ROM ID by selecting the **ENGINE** system to scan the vehicle’s current ROM ID.

NOTICE

Check the current ROM ID version and compare it to the ROM ID Information table before attempting to perform the software update.

NOTICE

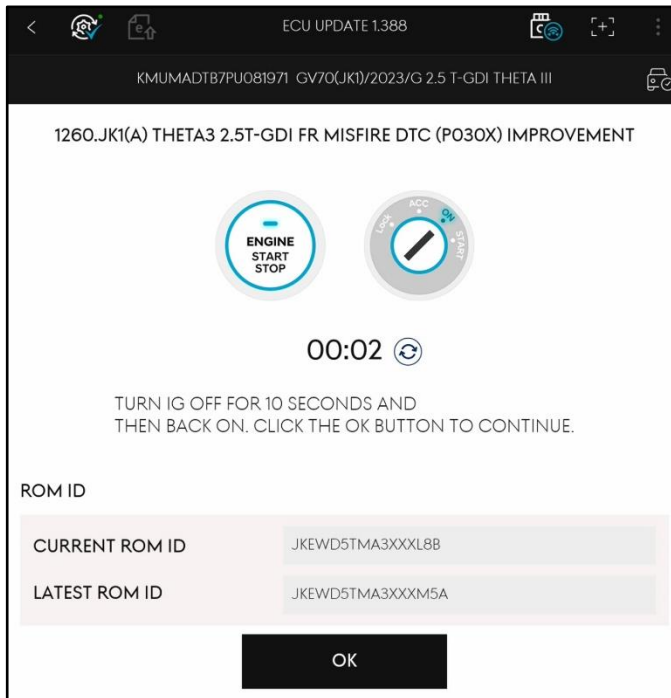
If the update fails, remove the power connector from the in-cabin fuse box or disconnect the battery negative terminal for at least **5 seconds**. Reassemble and retry the update.



- After the ECU update process shows 100% complete, follow the prompts on the screen to cycle the ignition **OFF** for at least **10 seconds** to reset the control unit (certain models may take up to **30 seconds**).

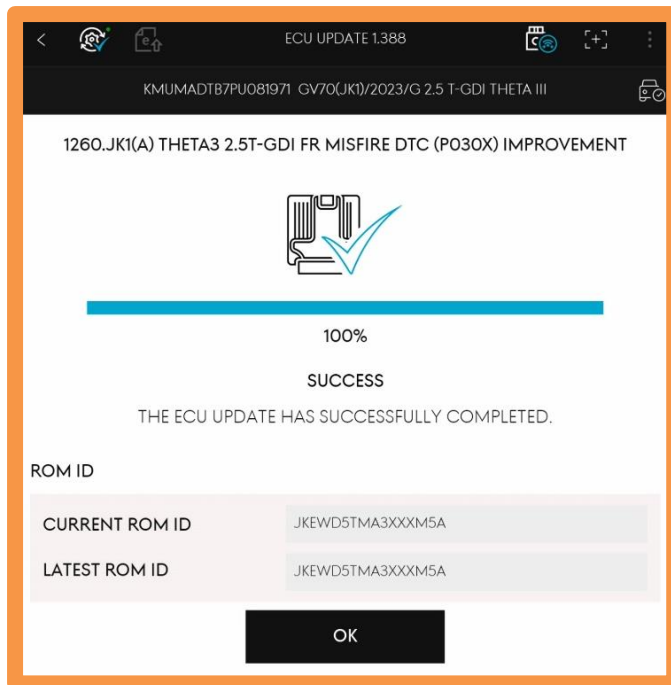
i Information

Use the **Refresh** button to reset the timer.



- DIGITAL DOCUMENTATION**

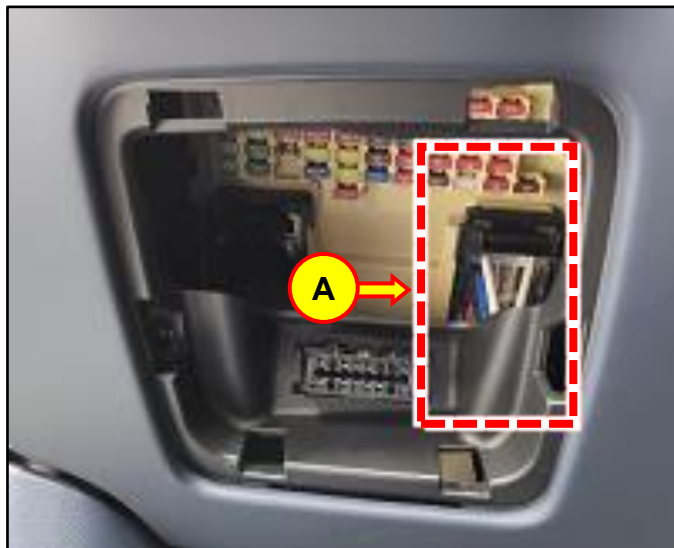
Take a screenshot of the ECU update complete screen using your tablet and upload to STUI.



- Perform an **All Systems Fault Code** search and erase DTC history that had incidentally occurred from the ECU update.



6. Disconnect the power connector (A) of the indoor fuse box, wait at least **5 seconds**, then reconnect it.



7. Start the engine to confirm proper operation of the vehicle.
8. Proceed to **Campaign Sticker Application (for All Vehicles)** procedure on page 8.

NOTICE

If the ECU update fails in Auto Mode, perform the update in Manual Mode using the password(s) below.

Manual Mode Password:

| Event | ECM Menu | Password |
|-------|-----------------------------------|----------|
| 1258 | RG3 THETA3 2.5 ECU 39121-2TRN0 | 0301 |
| | RG3 THETA3 2.5 ECU 39121-2TRN5 | 8821 |
| | RG3 THETA3 2.5 ECU 39121-2TRN6 | 2532 |
| | RG3 THETA3 2.5 ECU 39121-2TRN7 | 3469 |
| 1259 | JX THETA3 2.5 ECU 39121-2TJN0 | 3497 |
| | JX THETA3 2.5 ECU 39121-2TJN5 | 9584 |
| | JX THETA3 2.5 ECU 39121-2TJN6 | 2087 |
| | JX THETA3 2.5 ECU 39121-2TJN7 | 5644 |
| | JX THETA3 2.5 ECU 39121-2TJN8 | 5255 |
| 1260 | JK1(a) THETA3 2.5 ECU 39121-2TKN0 | 7954 |
| | JK1(a) THETA3 2.5 ECU 39121-2TKN1 | 2345 |
| | JK1(a) THETA3 2.5 ECU 39121-2TKN2 | 4827 |
| | JK1(a) THETA3 2.5 ECU 39121-2TKN3 | 0393 |

Campaign Sticker Application (for All Vehicles)

1. Fill in the Dealer Code and Date on the Campaign Sticker, and apply adjacent to the existing Emission Label, on the underside of the hood, as shown.

Be sure to clean the mounting surface to ensure proper label adhesion.



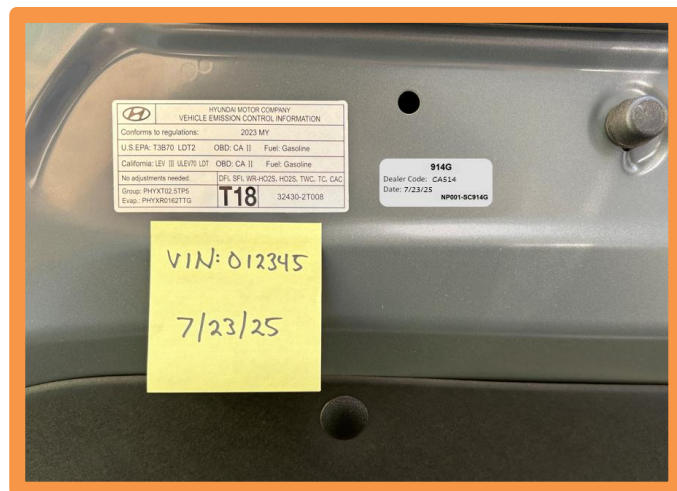
- 2.

**DIGITAL
DOCUMENTATION**



Using STUI, take a clear photo of the campaign sticker along with the last 6 digits of the VIN and the date of repair on a piece of paper.

Upload the photo to STUI.



3. Proceed to next section and complete the **Vehicle Emission Recall - Proof of Correction Card** for the states listed.

If not applicable to your state, the repair process is complete.

Vehicle Emission Recall – Proof of Correction Card (for Vehicles Registered in Certain States)

For vehicles registered in California, Colorado, Connecticut, Delaware, Maine, Maryland, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont, and Washington:

VEHICLE EMISSION RECALL - PROOF OF CORRECTION CARD

A Vehicle Emission Recall - Proof of Correction card must be filled out for all vehicles registered in California, Colorado, Connecticut, Delaware, Maine, Maryland, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont, and Washington. Residents of these states, who own an affected vehicle, will be required to possess a Vehicle Emission Recall - Proof of Correction card as evidence of voluntary service campaign completion, when they apply for vehicle registration renewal.

WHAT TO DO WITH THE CARD:

The Vehicle Emission Recall - Proof of Correction card must be completed by the Dealership's Service Manager using a permanent ink pen. A fine point pen is recommended. When filling in the information, copy the information directly from the vehicle, not from the repair order.

ALL INFORMATION MUST BE PRINTED AND NEAT.

The copy of the card shown below indicates the areas to be filled in. Each area must be filled in.

The completely filled out Vehicle Emission Recall - Proof of Correction card should be given to the owner of the vehicle upon completion of the Campaign.

- | | |
|-----------------------------------|---|
| 1. Enter Vehicle's License Number | 7. Enter Retailer's Name |
| 2. Enter "Genesis" | 8. Enter Retailer's Address |
| 3. Enter Model Year | NOTE: Enter the physical address, not the mailing address (not a P.O. Box) |
| 4. Enter model name (e.g. GV70) | 9. Enter Date of Repair |
| 5. Enter the vehicle's VIN Number | 10. Service Manager Sign Here |
| 6. Enter Campaign Number 914G | |

| Vehicle Emission Recall – Proof of Correction | | | | | |
|--|------|-----------------------------------|------------------------------|-------------------------------|--|
| License No. | Make | Model Year | Body Type | Vehicle Identification Number | |
| 1 | 2 | 3 | 4 | 5 | |
| Manufacturer: | | | 2 | Recall Number: | |
| The above described vehicle has been repaired, modified and/or equipped with new emission control devices to meet applicable California Emission Control Laws. | | | | | |
| Dealer's Name | | | Address, City, State and Zip | | |
| 7 | | | 8 | | |
| Date | | Dealership's Authorized Signature | | | |
| 9 | | x 10 | | | |
| Return this certificate to DMV only when required – otherwise retain for your records. | | | | | |
| NP050-09006 8/14 | | | | | |