



Technical Service Bulletin

GROUP

Fuel System

NUMBER

19-FL-003HG

DATE

April, 2019

MODEL(S)G80 (DH)
G90 (HI)**SUBJECT:**ECM AND PCM VIN WRITING DURING
CONTROL MODULE REPLACEMENT

Description: This bulletin provides the procedure to write the Vehicle Identification Number (VIN) during the replacement of the Engine Control Module (ECM) or Powertrain Control Module (PCM). Once the VIN has been programmed to the ECM/PCM, it cannot be removed or overwritten.

- All vehicles are shipped with the VIN pre-programmed into the ECM/PCM. If either the ECM/PCM needs to be replaced, the VIN must be programmed to the new module.
- A new ECM/PCM requires that this function be performed following installation. Failure to perform this function will result in a check engine light with DTC P0630 (VIN not programmed or mismatch).

Applicable Vehicles:

2017~2018 G80 (DH)

2017~2018 G90 (HI)

⚠ WARNING

Input of incorrect VIN during the writing procedure requiring the purchase of a new ECM/PCM is non warrantable.

⚠ CAUTION

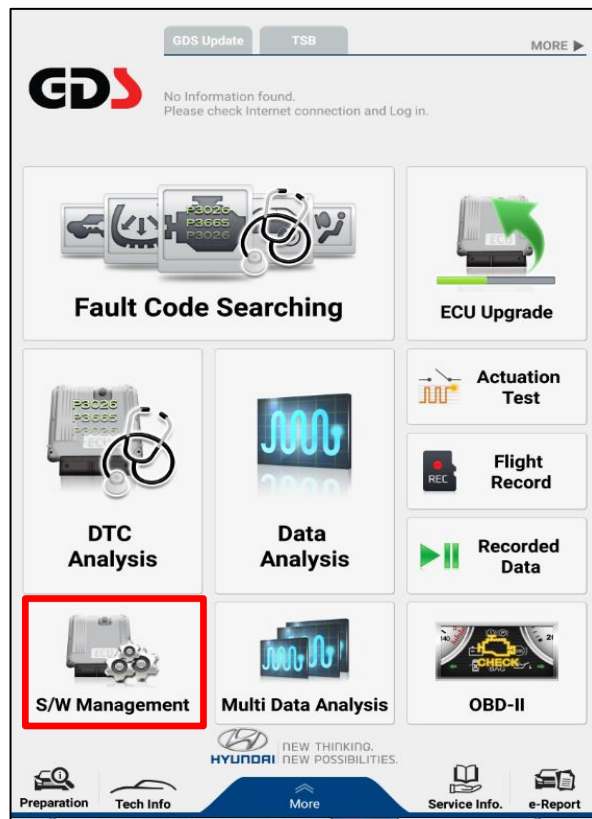
Do not exchange an ECM/PCM from another vehicle as a permanent repair. If the module has to be replaced, a new service replacement control module must be used, and the VIN must be programmed into the new control module.

Service Procedure:

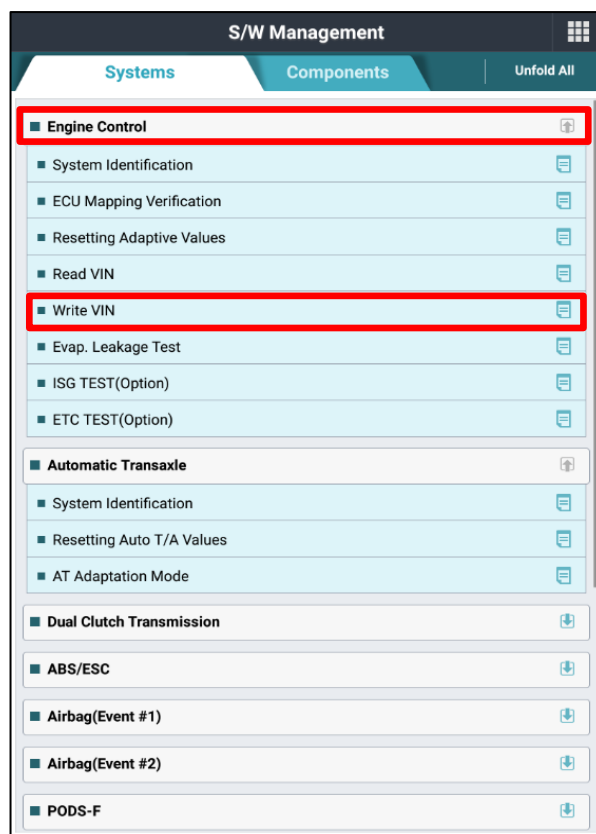
1. Select “S/W Management” utilizing the GDS-Mobile.

NOTICE

Ensure the GDS Mobile and VCI II has the latest software update prior to the procedure.



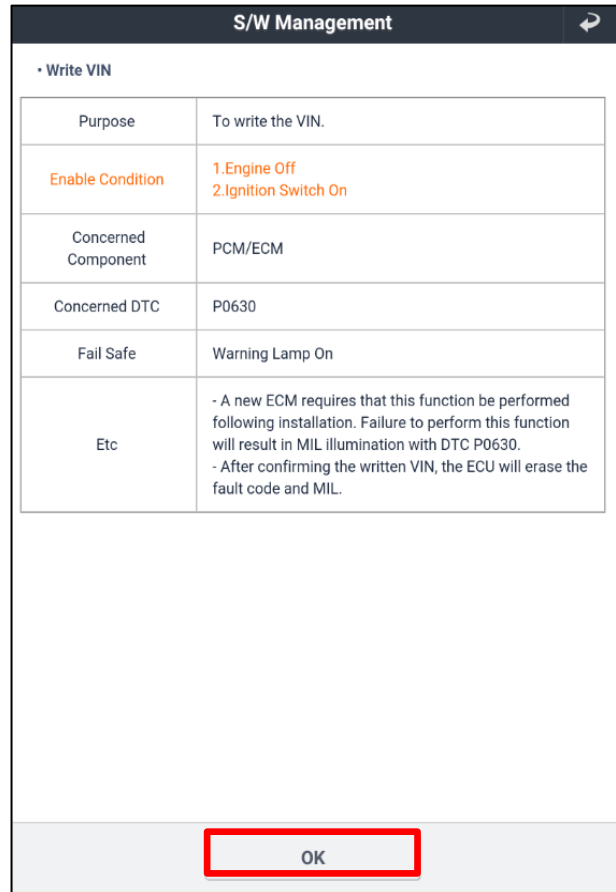
2. Select “Write VIN” from the “Engine Control” drop down menu.



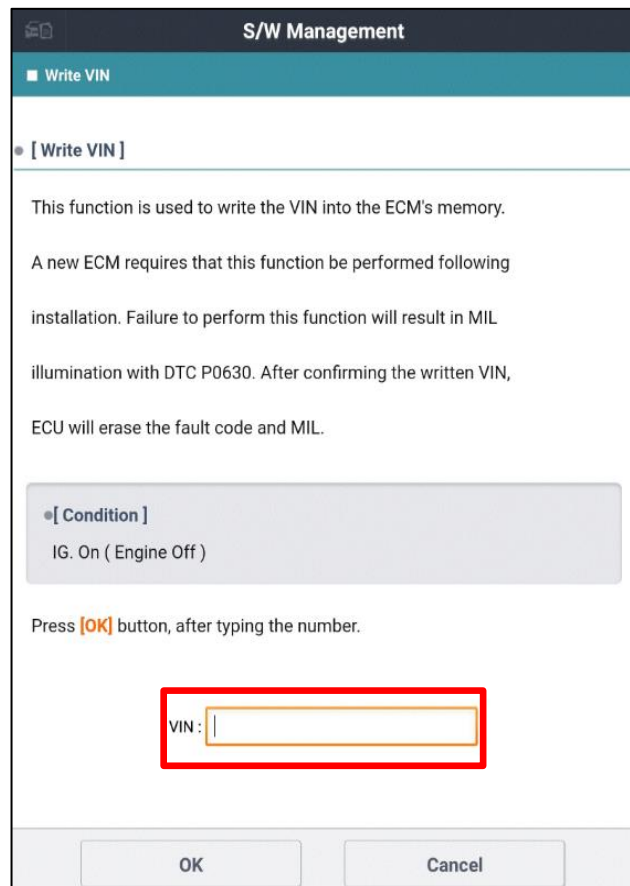
3. Select "OK" to continue.

NOTICE

Ensure that the engine is "OFF" and the ignition switch/push button is in "ON" position prior to continuing.



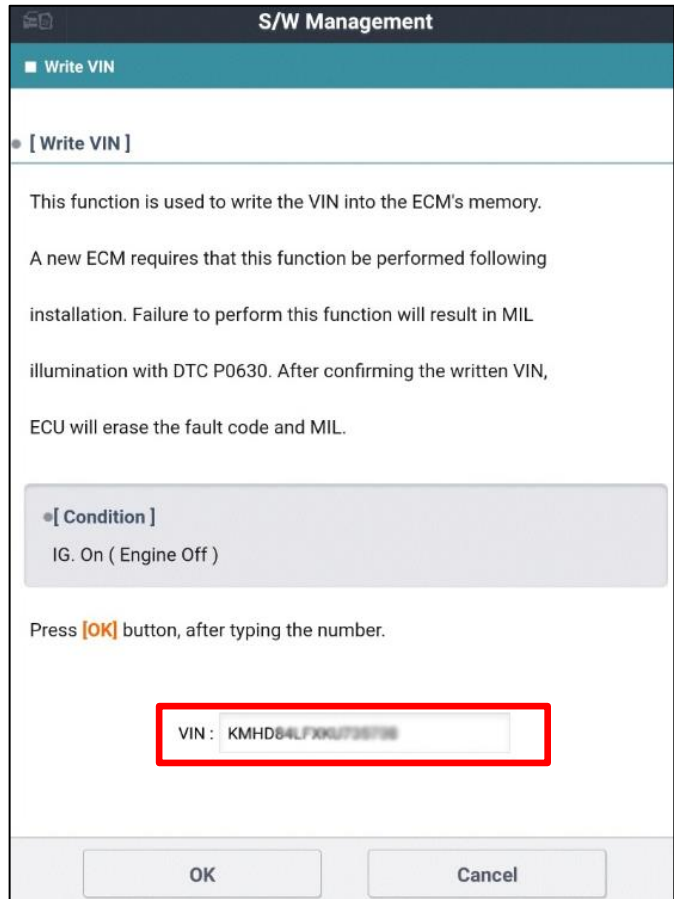
4. Manually input the VIN number located on the vehicle.



- The VIN plate is usually located on the driver's side dashboard (viewable from the windshield) and the driver's side door sill or the inner rear lower edge of the drivers side door (on a sticker).



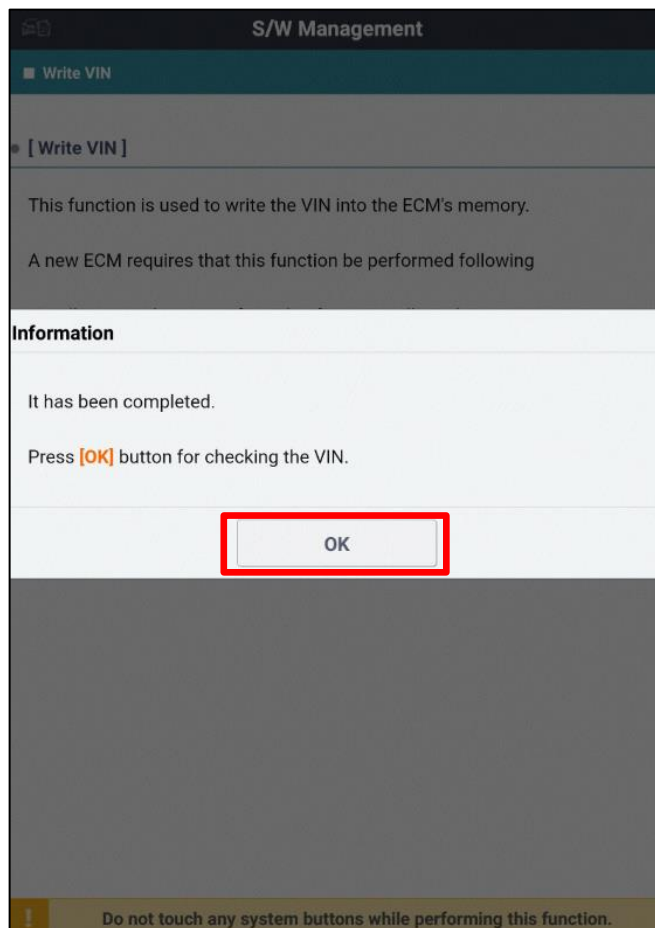
5. Once the VIN has been inputted, select "OK" to program the VIN number to the new ECM/PCM.



⚠ WARNING

Confirm the inputted VIN number carefully before selecting "OK". Once the VIN has been written, it cannot be modified.

6. Select “OK” to confirm the VIN number to the vehicle on the next screen.



7. Check for DTCs and erase any DTCs.
8. Erase the DTC in the BlueLink system according to TSB 12-BE-005-2.
9. Confirm normal vehicle operation.
10. The service procedure is now complete.