



# Technical Service Bulletin

GROUP	NUMBER
<b>CAMPAIGN</b>	<b>24-01-030G</b>
DATE	MODEL(S)
<b>APRIL 2024</b>	<b>GV80 (JX1)</b>

SUBJECT:	ALL WHEEL DRIVE (AWD) ELECTRONIC CONTROL UNIT (ECU) CHECK & REPLACEMENT (SERVICE CAMPAIGN T45G)
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## ★ 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 2024MY GV80 (JX1) vehicles may have had the incorrect AWD ECU installed. These vehicles may have the following conditions:

- Minor shift tuning logic
- Auto 4WD is always active
- Activation light does not illuminate on when 4WD is activated

Follow the procedures listed below to inspect, and if necessary, replace the AWD ECU with the correct part.

**Applicable Vehicles (Certain):** 2024MY GV80 (JX1) produced from 11/06/2023 – 01/19/2024

### Parts Information:

Model	Part Name	Part Number	Figure	Remark
GV80 (JX1)	AWD ECU	95447-47100		Includes (2) O-ring gaskets

**Warranty Information:**

Model	OP Code	Operation	OP Time	Causal Part	Nature Code	Cause Code
GV80 (JX1)	40D042R0	AWD ECU PART NUMBER CHECK	0.3 M/H	95447-47100	B1B	ZZ7
	40D042R1	AWD ECU PART NUMBER CHECK AND REPLACEMENT	0.8 M/H			

**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 Repair validation photos as outlined in the Digital Documentation Policy.

**NOTE 4:** The incident parts are subject to callback through the normal Warranty Technical Center (WTC) parts return process. **Claim is subject to debit if the part is not returned.**

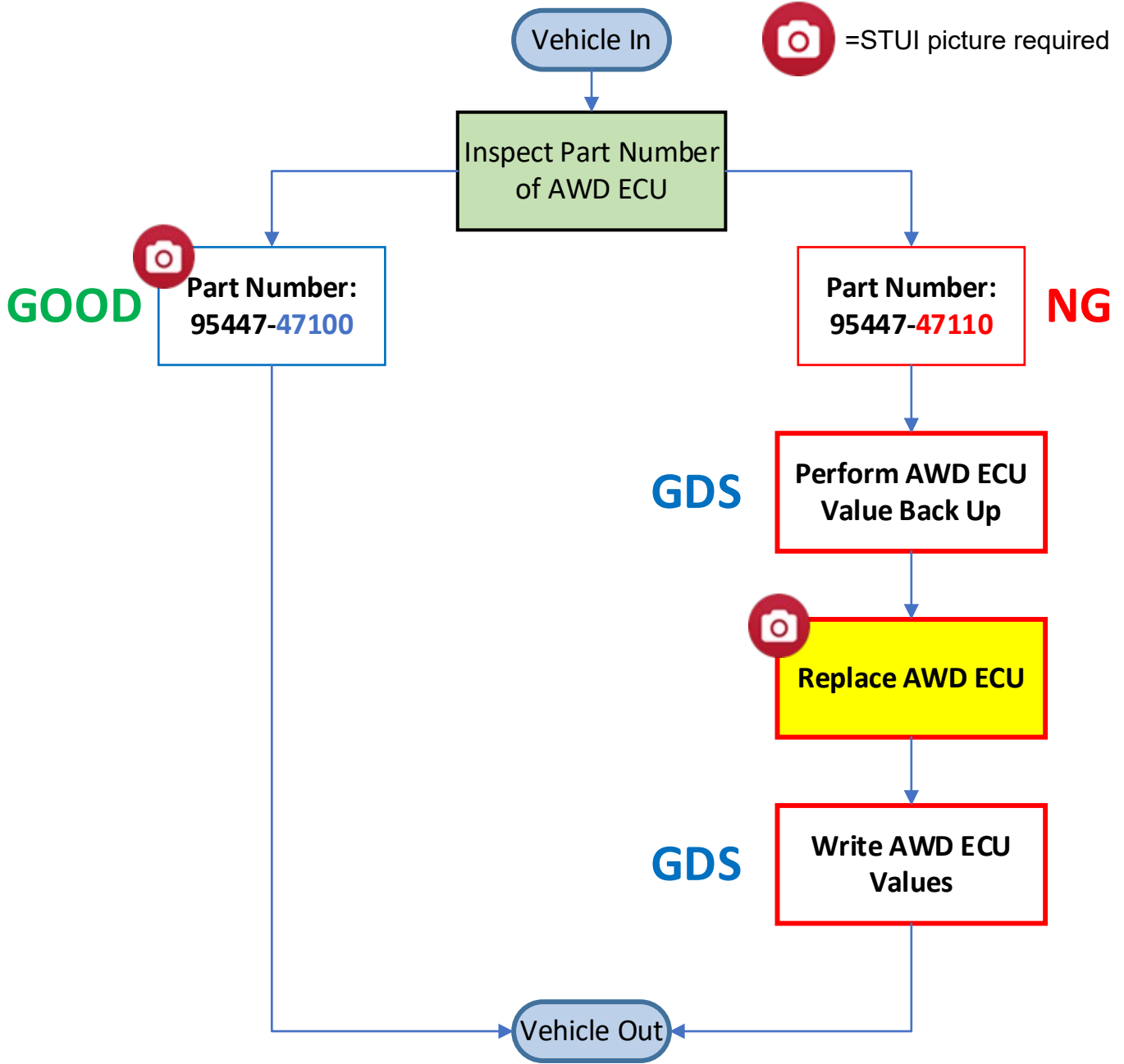
**Service Procedure:**

**STUI**



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

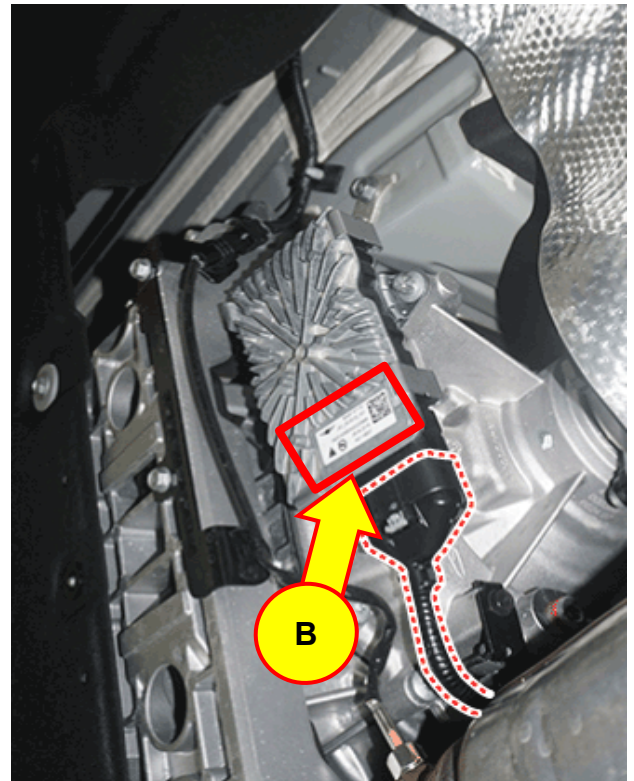
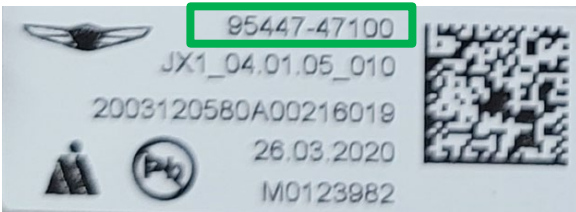
Refer to the flowchart below for overall procedure.



## A. AWD ECU Part Number Check

1. Lift the vehicle.
2. Visually inspect the AWD ECU part label (B).
  - 1) If the part number is **95447-47100**, continue to Step 3 below.
  - 2) If the part number is **95447-47110**, proceed to Section B.

**GOOD**

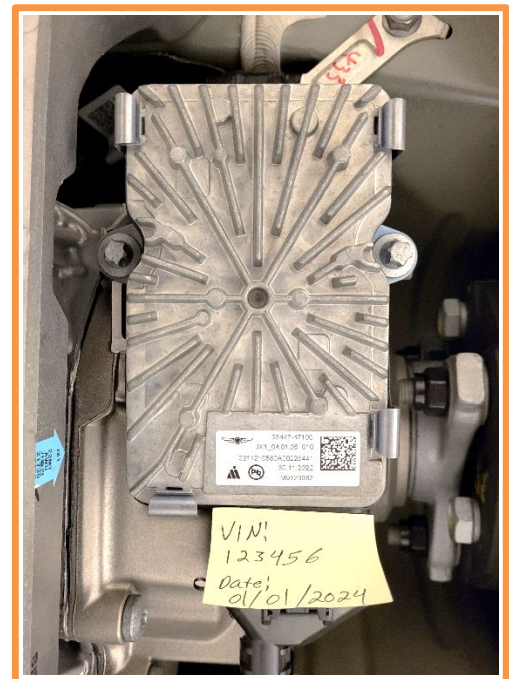
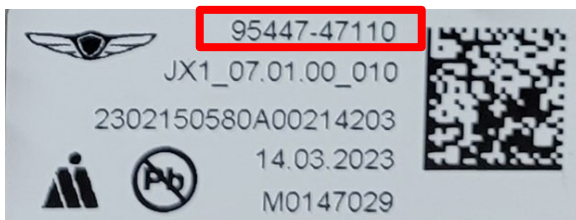


**STUI**



Using STUI, take a picture of the AWD ECU part label. Include a piece of paper with the last six digits of the VIN and date of repair in the photo. Ensure the picture is in focus. Upload the photo to STUI.

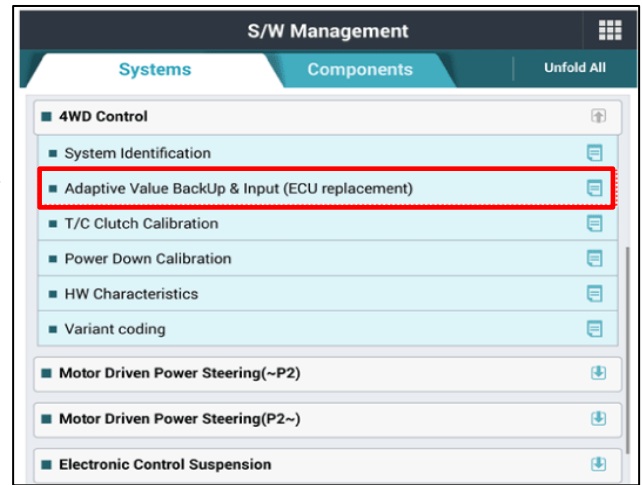
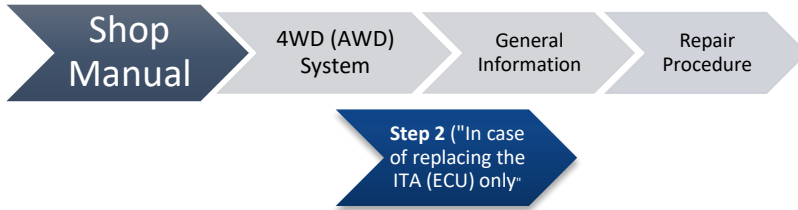
**NO GOOD**



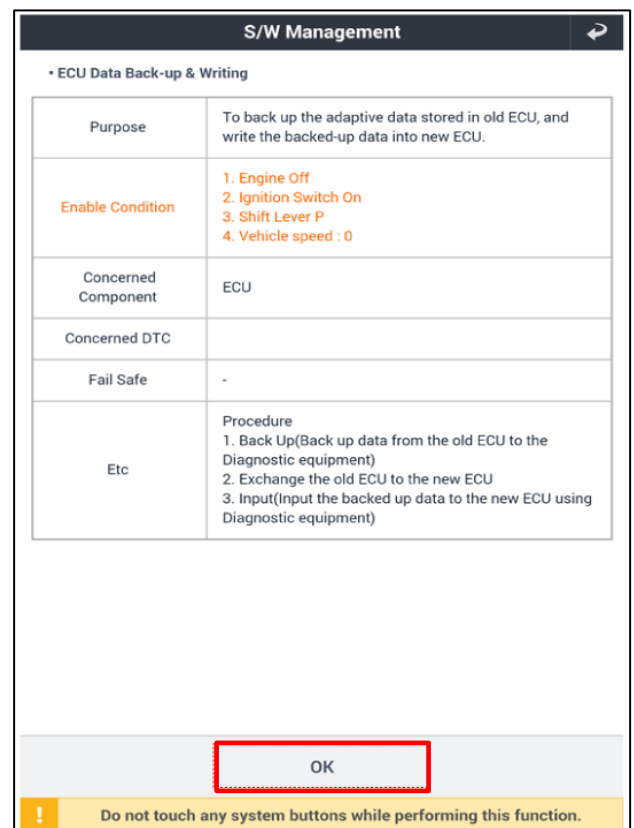
3. Install removed parts in reverse order of disassembly.
4. The service procedure is now complete.

## B. AWD ECU Value Backup

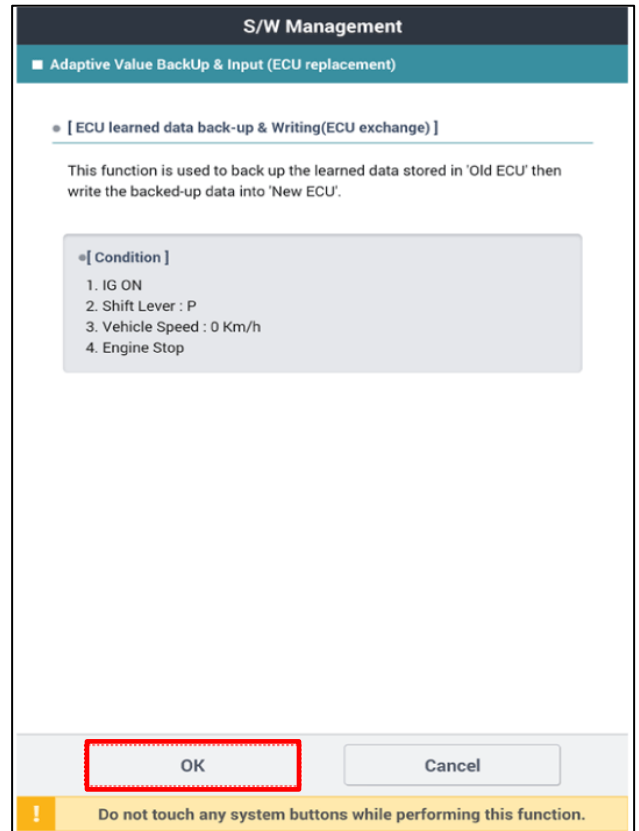
1. Select **S/W Management** and **4WD Control** within GDS. Perform the “Adaptive Value BackUp & Input (ECU replacement).”



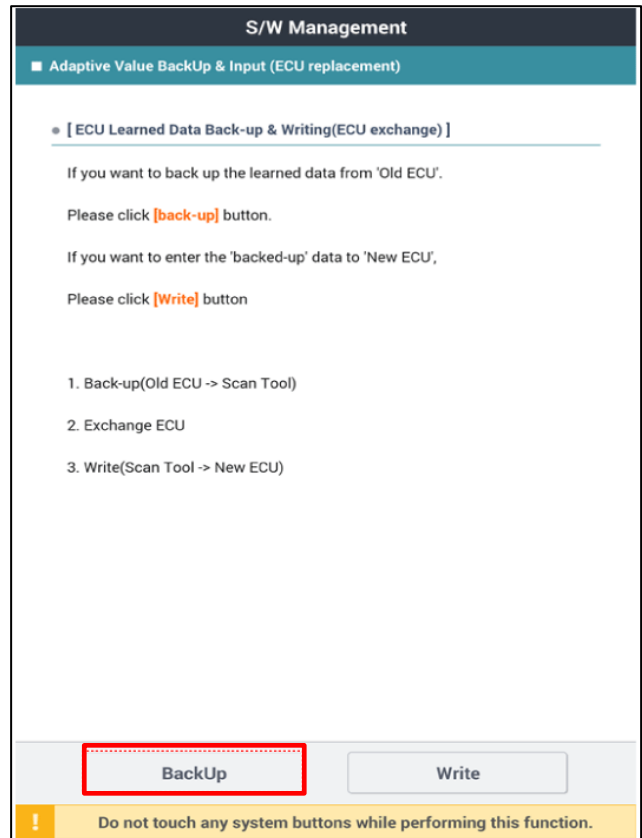
2. Select “OK.”



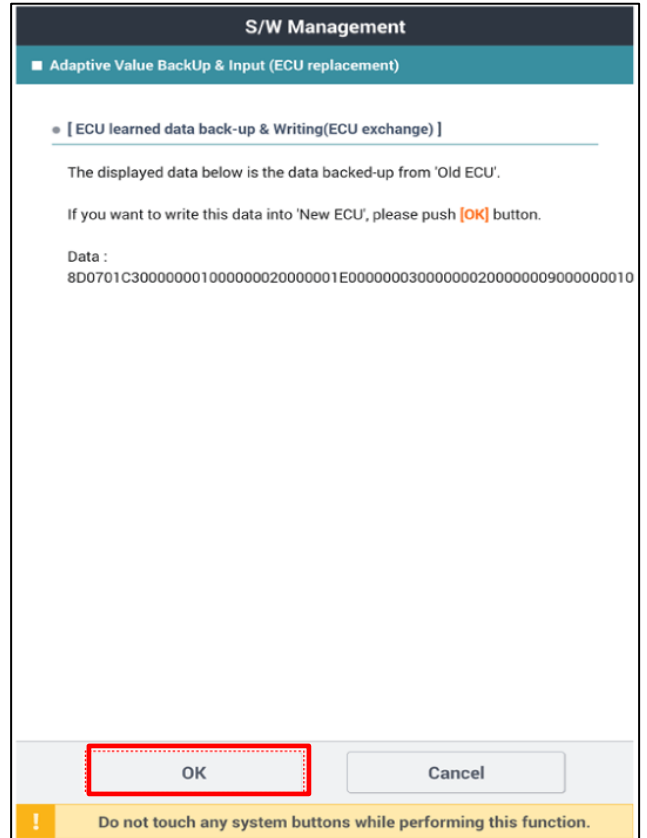
3. Ensure the conditions are met and press “OK.”



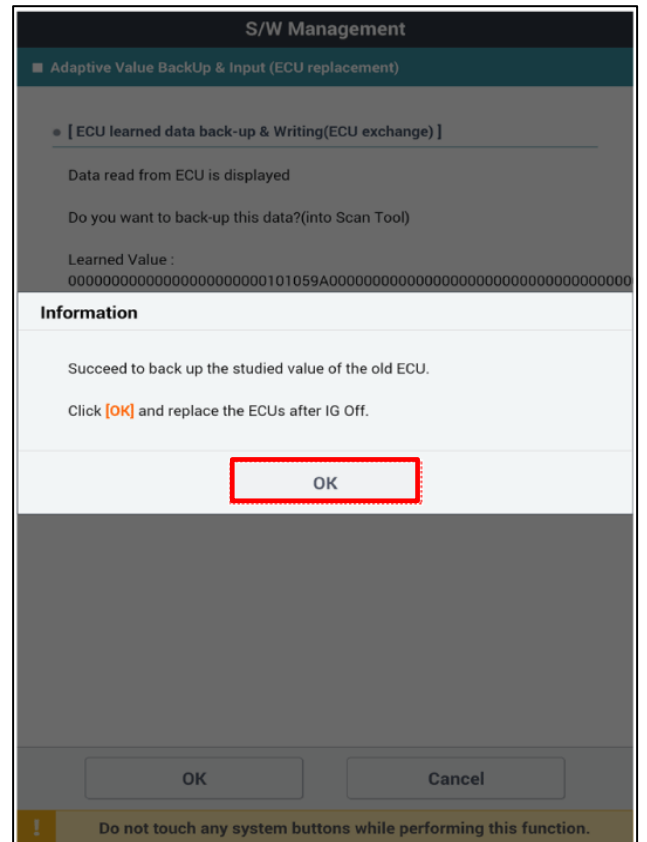
4. Select the “BackUp” button.



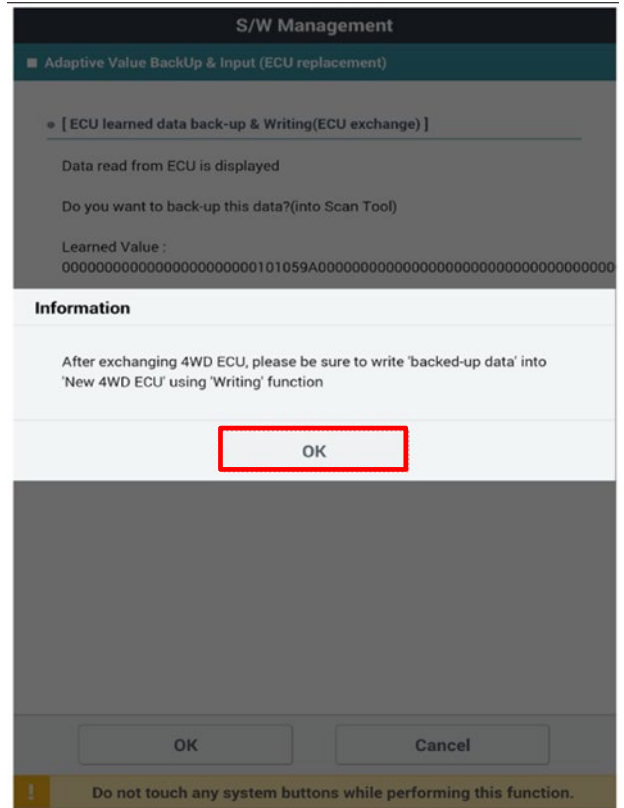
5. Select "OK."



6. Select "OK."

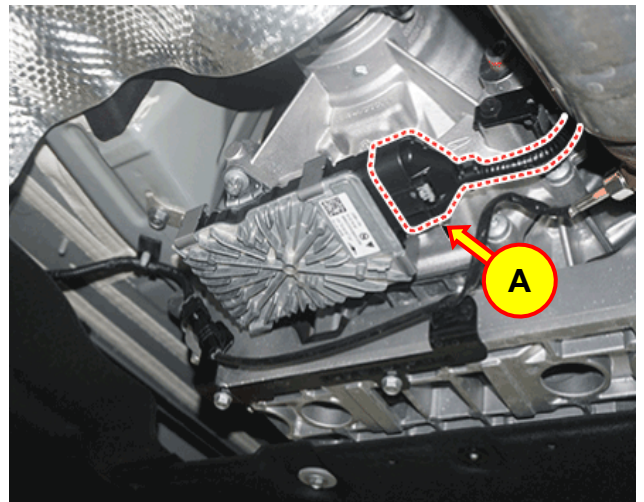


7. Select "OK."
8. Proceed to Section C.



### C. AWD ECU Replacement

1. Disconnect the negative (-) battery terminal.
2. Disconnect the AWD ECU connector (A).



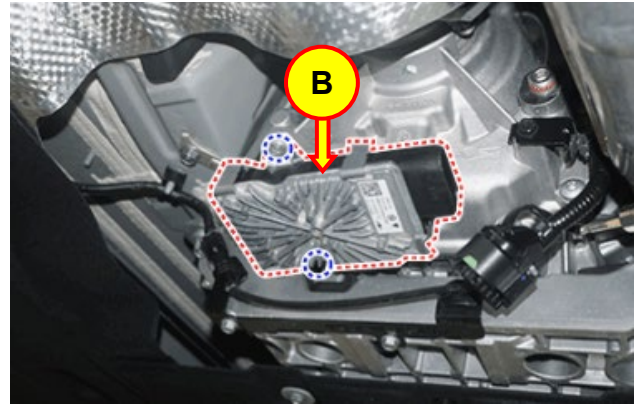


- Remove the 2 bolts securing the AWD ECU (B) and disengage from the Transfer Case assembly.

**Tightening torque:**

**16.6 - 19.5 lb-ft**

**(22.6 - 26.5 N.m, 2.3 - 2.7 kgf.m,)**



- Replace the AWD ECU with the correct part. (PN 95447-47100)

**STUI**

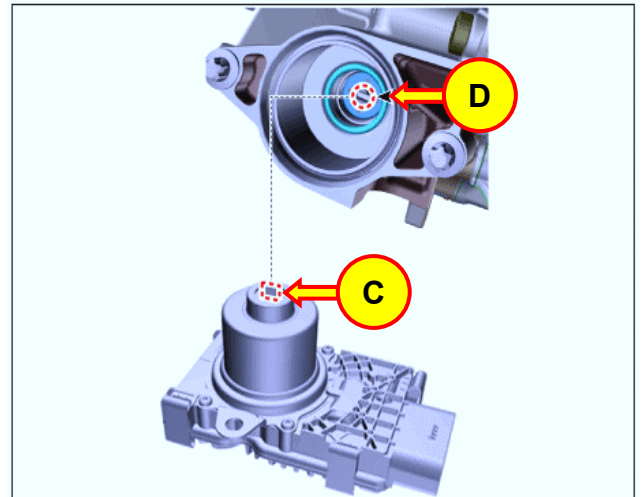
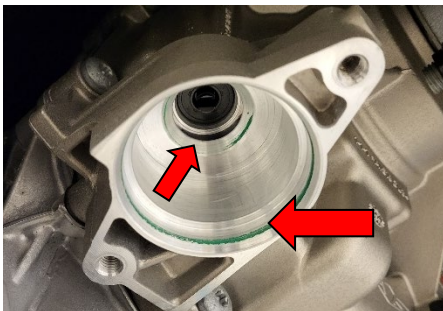


Using STUI, take a picture of the new AWD ECU next to the old AWD ECU. Include a piece of paper with the last six digits of the VIN and date of repair in the photo. Ensure the picture is in focus and the part labels are clearly visible. Upload the photo to STUI.



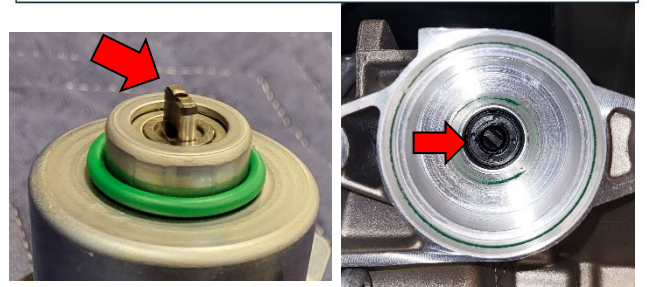
**NOTICE**

- Ensure all surfaces are free from any debris before installing the O-rings onto the new ECU.
- Ensure the internal surfaces of the transfer case assembly are free from any debris before installing the new ECU.



**NOTICE**

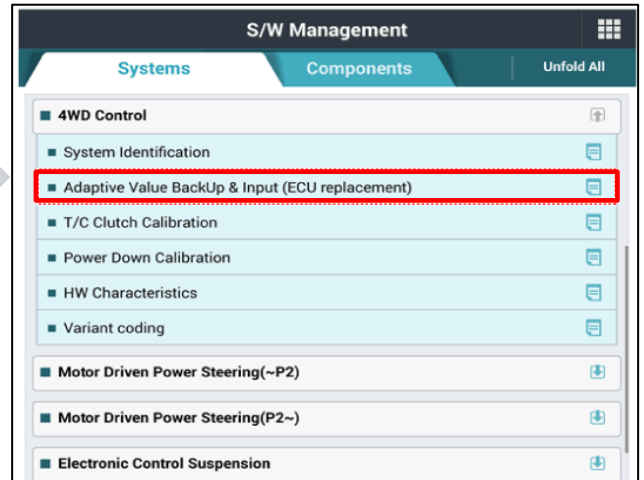
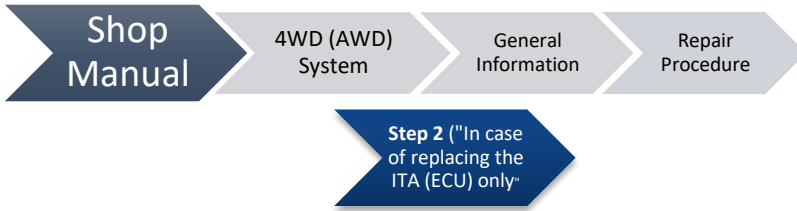
- When installing the AWD ECU, the motor shaft of the ECU (C) must be aligned with the indent within the transfer case assembly (D).



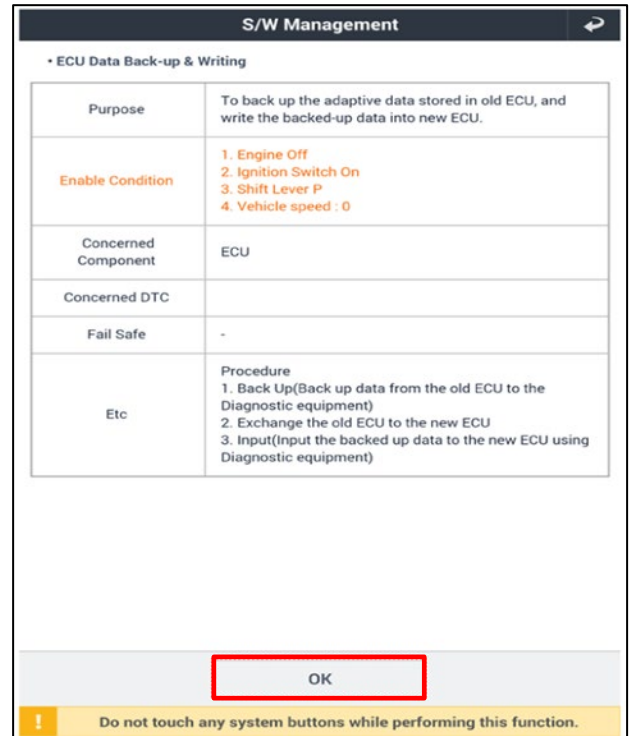
5. Install removed parts in reverse order of disassembly.
6. Reconnect the negative (-) battery terminal.
7. Proceed to Section D.

**D. AWD ECU Values Write**

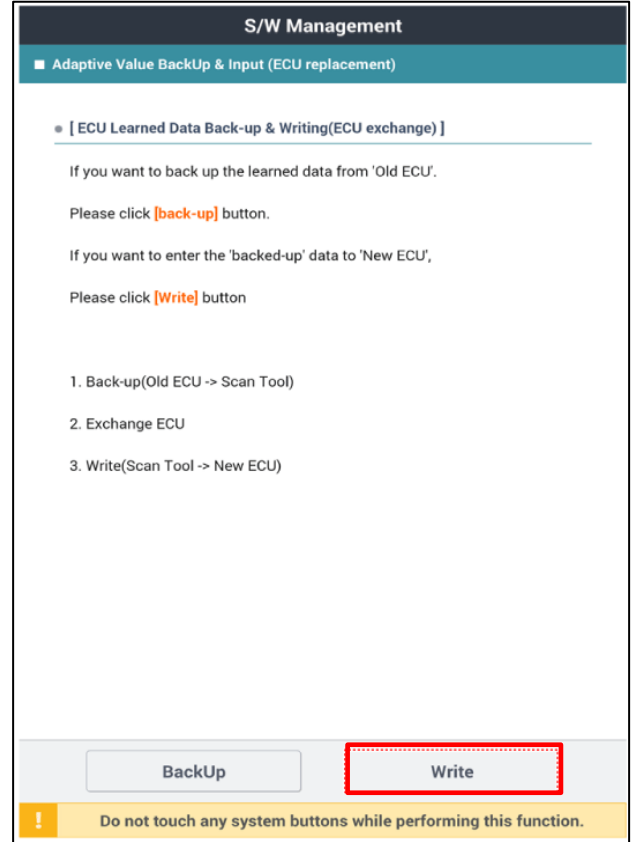
1. Select **S/W Management** and **4WD Control** within GDS. Perform the “Adaptive value BackUp & Input (ECU replacement).”



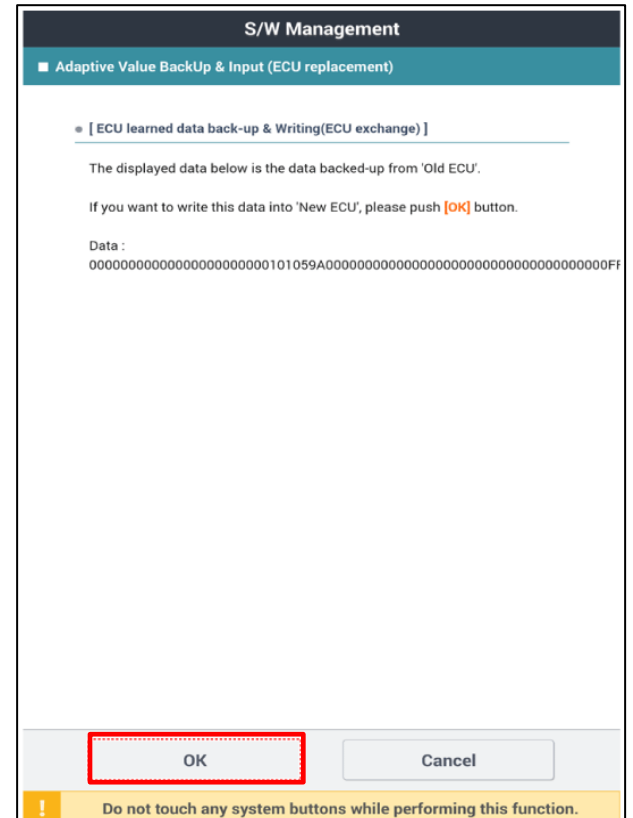
2. Select “OK.”



3. Select the "Write" button.



4. Select the "OK" button.



5. Select the "OK" button to write the backed-up values to the new ECU.
6. Check if any Diagnostic Trouble Codes (DTCs) were created during the ECU replacement, and clear all related DTCs.
7. Service procedure is now complete.

