



GROUP  
TRA

MODEL  
2019MY  
Forte (BDm)

NUMBER  
080

DATE  
November 2018

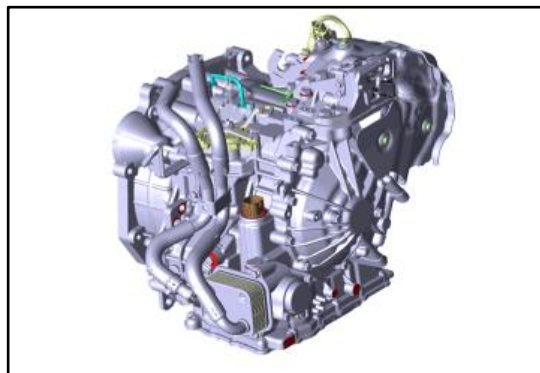
## TECHNICAL SERVICE BULLETIN

**SUBJECT:** SERVICE ACTION: INTELLIGENT VARIABLE  
TRANSMISSION (IVT) ASSEMBLY REPLACEMENT (SA364)

This bulletin provides the procedure to replace the Intelligent Variable Transmission (IVT) assembly in certain 2019MY Forte (BDm) vehicles, produced from July 24, 2018 through August 7, 2018, which may exhibit a malfunction indicator lamp (MIL) ON with DTC P073000 and P073100. Follow the procedure in this bulletin to replace the IVT assembly. Kia is requesting the completion of this Service Action on all affected vehicles including dealer stock, prior to delivery. Before conducting the procedure, verify that the vehicle is included in the list of affected VINs.

**Note:** VIN plates will be sent to the Kia dealership Service Managers for vehicles in dealer stock. Follow step 2 of the procedure in this bulletin to install the VIN plate.

**DTCs P073000:** Incorrect Gear Ratio, **P073100:** Gear 1 Incorrect Ratio



### \* NOTICE

A Service Action is a repair program without customer notification that is performed during the warranty period. Any dealer requesting to perform this repair outside the warranty period will require DPSM approval.

Repair status for a VIN is provided on WebDCS (Service → Warranty Coverage → Warranty Coverage Inquiry → Campaign Information). Not completed Recall / Service Action reports are available on WebDCS (Consumer Affairs → Not Completed Recall → Recall VIN → Select Report), which includes a list of affected vehicles.

This issue number is SA364.

File Under: <Transmission>

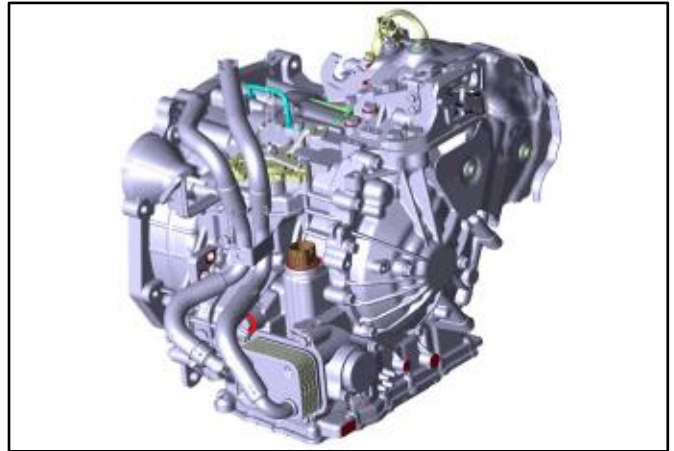
Circulate To:  General Manager  Service Manager  Parts Manager  
 Service Advisors  Technicians  Body Shop Manager  Fleet Repair

**\* NOTICE**

**PWA / Techline authorization not required for this Service Action.**

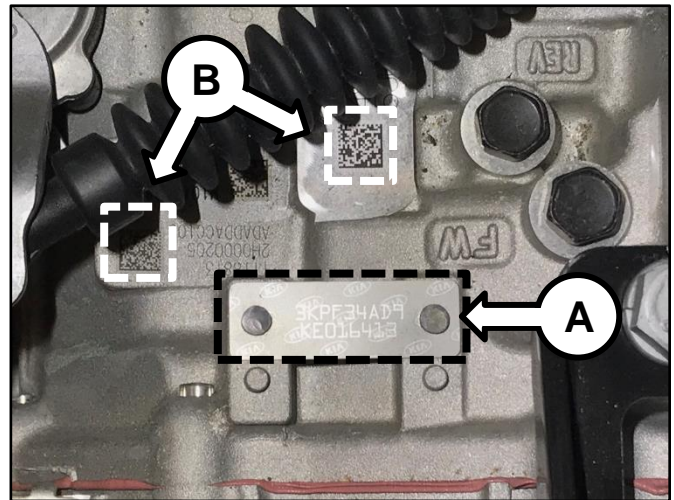
**Replacement Procedure:**

1. Remove the IVT assembly by referring to the “Intelligent Variable Transmission (IVT) System (Continuously Variable Transmission) → Intelligent Variable Transmission (IVT) → Repair procedures” chapter in the applicable Shop Manual on KGIS.

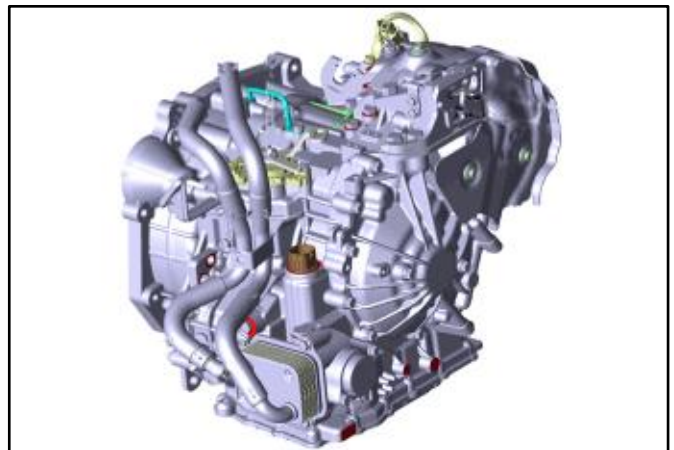


2. Position the provided VIN plate (A) over the pair of studs nearest to the QR codes (B) with the top of the VIN plate placed towards the QR codes (B), as shown. The VIN must be legible when standing over the driver front wheel.

With the VIN plate in place, use a large mallet and carefully secure the plate by firmly striking on the two (2) studs.



3. Install the new IVT assembly by referring to the “Intelligent Variable Transmission (IVT) System (Continuously Variable Transmission) → Intelligent Variable Transmission (IVT) → Repair procedures” chapter in the applicable Shop Manual on KGIS.



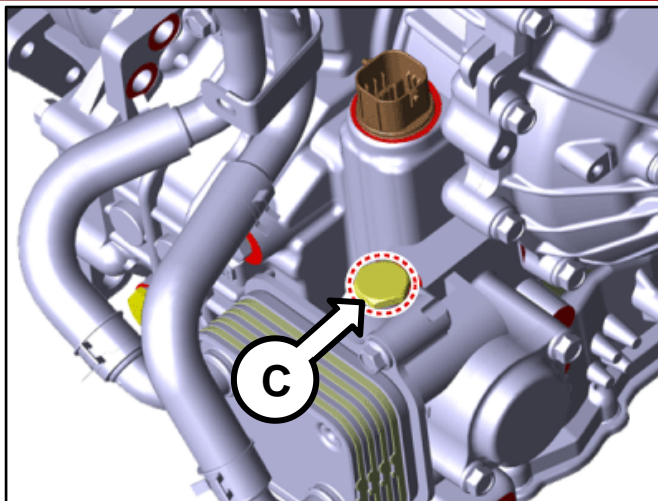
SUBJECT:

## SERVICE ACTION: INTELLIGENT VARIABLE TRANSMISSION (IVT) ASSEMBLY REPLACEMENT (SA364)

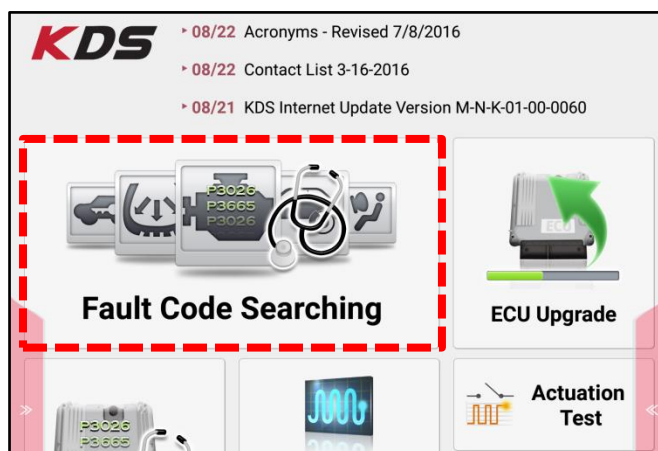
4. Prior to starting the vehicle, remove the fill plug (C) and ensure transmission fluid is at the correct level. Reinstall the fill plug (C) and torque to specifications.

**Correct (cold) fluid level:** Top of fluid should be approximately 2in. (50mm) from the top of the fill plug opening.

**Tightening torque for plug (C):**  
25.3 – 32.5 lb.ft (34.3 – 44.1 Nm, 3.5 – 4.5 kgf.m)

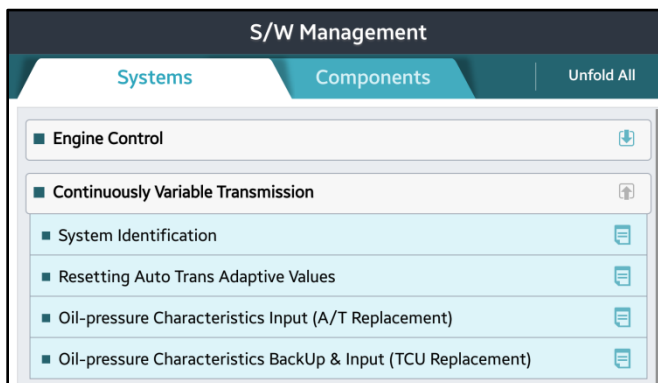


5. Check for Diagnostic Trouble Codes (DTC) and erase any DTCs stored such as EPS, ESC, and TPMS that may have been set during the replacement of the IVT.



6. Return to the KDS Home Screen and then select “S/W Management → Continuously Variable Transmission. Perform the two (2) functions in the order below:

1. Resetting A/T Adaptive Values
2. Oil-pressure Characteristics Input (A/T Replacement)



7. Verify proper operation of the vehicle.


SUBJECT:

**SERVICE ACTION: INTELLIGENT VARIABLE  
TRANSMISSION (IVT) ASSEMBLY REPLACEMENT (SA364)**

AFFECTED VEHICLE RANGE:

Model	Production Date Range
Forte (BDm)	July 24, 2018 through August 7, 2018

REQUIRED PART:

Part Name	Part Number	Figure	Comments
IVT Assembly	48000 2H300QQK		Part order <u>not</u> necessary for <u>dealer stock vehicles only</u> .

WARRANTY INFORMATION:

**N Code: N99 C Code: C99**

Claim Type	Causal P/N	Qty.	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
V	48000 2H300	0	(SA364) IVT Assembly Replacement	180M19R0	3.0 M/H	48000 2H300QQK	1

**NOTE: If necessary, use sublet code X2 for rental expense, 3 day reimbursement maximum.****\* NOTICE**

VIN inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference SA364 when accessing the WebDCS system.