

SERVICE ACTION

Reference number:	SA-07-1246	Issued: 14 March, 2019
Subject:	TCM Update	
Model(s):	Rapide AMR	
VIN range:	Refer to the attached list of affected Vehicle Identification Numbers (VINs)	
Applicable to:	All Dealers	
Distribute to:	After Sales Manager Executive Manager Service Manager Sales Manager	Warranty Staff Technician(s) Parts Staff

Reason for this Service Action

On some Rapide AMR vehicles it is possible that the Transmission Control Module (TCM) software is not the latest version. Do the workshop procedure that follows to check, and if necessary, update the TCM software to the latest version.

Workshop Procedure

CAUTIONS: CONNECT A BATTERY CHARGER TO THE VEHICLE BATTERY DURING THE PROCEDURE THAT FOLLOWS. IF THE VEHICLE BATTERY DISCHARGES DURING THE PROCEDURE, THE SOFTWARE UPDATE CAN FAIL. THIS CAN CAUSE DAMAGE TO THE TRANSMISSION CONTROL MODULE (TCM).

CONNECT THE AMDS TO AN ELECTRICAL SUPPLY WHEN YOU DO THE PROCEDURE THAT FOLLOWS. IF THE AMDS BATTERY BECOMES DISCHARGED DURING THE SOFTWARE UPDATE, THE UPDATE CAN FAIL AND CAN CAUSE DAMAGE TO THE TCM.

1. Set the ignition to ON but do not start the engine.
2. Connect the Vehicle Communication Interface (VCI) to the vehicle with the Diagnostic Link Cable (DLC) (refer to Service Bulletin SB-00-0379).
3. Use AMDS to update the AMDS software to the latest release.
4. Use AMDS to do a check and erase applicable Diagnostic Trouble Codes (DTCs).
5. Use AMDS to do a check of the TCM software part numbers.

The correct part numbers are:

- KD43-7J105-AB (Rest of World Vehicles)
- KD43-7J105-BB (Federal Vehicles)

The incorrect part numbers are:

- KD43-7J105-AA (Rest of World Vehicles)
- KD43-7J105-BA (Federal Vehicles)

If the part numbers are incorrect, select the TCM module and install the applicable TCM update files:

- ZF8_VH420_ROW (Rest of World Vehicles)
- ZF8_VH420_NAS (Federal Vehicles)

6. If the part numbers in the step above are correct no more work is necessary.
7. Set the ignition to OFF and fully remove the vehicle key from the ignition control.
8. Disconnect the battery charger from the vehicle battery.
9. Disconnect the AMDS equipment from the electrical supply.

Procedure and Labour Time

Description	Labour Time
Update the software for the TCM.	0.2 hours

Please Note:

When you have completed this Service Action, make sure that you make an entry in Section A of the Vehicle Owner's Guide to show that the procedure is completed.

If you have any questions related to this Service Action, please contact: Aston Martin Technical Services
on: +44 (0) 1926 644720, email: askamtech@astonmartin.com,
or contact your After Sales Manager.

The English version of this Service Action is written in
Simplified Technical English to ASD-STE100™.