

## SERVICE BULLETIN

<b>Reference number:</b>	SB-07-0440	<b>Issued:</b> 1 March 2017
<b>Subject:</b>	Manual Transmission Shift Quality When Cold	
<b>Model(s):</b>	Vantage With Six Speed Manual Transmission	
<b>VIN Range:</b>	Not Applicable	
<b>Applicable to:</b>	All Dealers	
<b>Distribute to:</b>	After Sales Manager Executive Manager Service Manager Sales Manager	Warranty Staff Technician(s) Parts Staff

**Reason for this Service Bulletin**

Some customers can have problems when 2nd gear cannot be selected easily when the transmission is cold (below 8 degrees Celsius), but operates correctly at normal operating temperature.

The Graziano™ gearbox used for our manual transmission is developed from race technology and as such cannot easily select some gears when cold. In all cases this should be made clear to the customer.

**Note:** *The Millers transmission oil will not fully remove any gear selection problems because of the design of the transmission, but will give an improvement when the gearbox is cold.*

**Workshop Procedure**

Millers Transmission Oil (TRX1219M) can be used to replace the standard transmission fluid (Castrol BOT270A).

1. Drain the transaxle oil (refer to Workshop Manual Procedure 07.03.BC).
2. Remove the transmission oil cooler matrix (refer to Workshop Manual Procedure 07.02.FC).
3. Drain all transmission oil in the transmission oil cooler matrix into a suitable container.
4. Install the transmission oil cooler matrix (refer to Workshop Manual Procedure 07.02.FC).
5. Fill the transaxle with the Millers transmission oil (refer to Workshop Manual Procedure 07.03.BC).
6. When you have completed this Service Bulletin, make an entry in the Service Section of the Vehicle Handbook. This will show that the procedure is completed and that a different transmission fluid has been used.

**Part Data**

Description	Part Number	Quantity
Transaxle Oil, Auto, 75W-90 (Pack of 10 x 1 Litre bottles)	FD33-4159-BA-PK	As Necessary
Washer, oil filler/drain plugs (Pack of 10)	4G43-27-10245-PK	2

**Note:** *If this repair is completed under warranty, you must calculate the cost for two washers and the necessary quantity of transmission oil. This cost must then be used in the Sundry section of the warranty claim form.*

**Warranty Data****Procedure and Labour Time**

Description	Labour Time	ROT Code
Transaxle Assembly (Drain and Refill).	0.6 hours	07.03.BC
Oil Cooler Matrix (Remove and Install)	2.45 Hours	07.02.FC

**Failure Mode Description**

Select the failure modes that follow when you make a claim through the Warranty system:

Subsystem	Location	Component	Mode of Failure
Powertrain	Drivetrain – Transmission Manual	Manual Transmission – Gear Selection	Poor Performance – Hard to Operate

If you have any questions related to this Service Bulletin, 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 Bulletin is written in  
Simplified Technical English to ASD-STE100™.