



Mercedes-Benz

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star bulletin



Date: December 11, 2013
Order No.: P-B-27.10/126
Group: 27

SUBJECT: MY-All, Transmission 725.0 in Model 117

Automatic Transmission (7G-DCT) Startup Support

Market Launch

The automatic transmission 724.0 (7G-DCT) is available with Model 117 with engine M270.

Technical Workshop and Product Support

No repairs should be done on automatic transmission (7G-DCT). Only complete transmissions may be replaced.

Until further notice a PTSS case must always be created and submitted while including

- Quick test
- Control unit log with fault freeze frame data
- EEPROM data as log.

Consultation with the Product Technical Support:

Following consultation with Product Technical Support, repairs may be conducted on the cited parts at market launch:

- Radial shaft sealing rings on drive and output side shafts
- Oil pan gasket
- Oil filter cap on external pressure oil filter
- Rubber seal for cooling module to transmission housing
- Clutch cover on dual clutch

Other Work

- Replace transmission
- Check transmission oil level, adjust to correct level, if necessary

This bulletin has been created and maintained in accordance with MBUSA-SLP S423QH001, Document and Data Control, and MBUSA-SLP S424HH001, Control of Quality Records.

The Shell DCT M1 (part number 001 989 85 03 is available as a new transmission oil for the 7G-DCT.

Damage and Symptom Codes

The damage code for transmission 724.0 in design group 27 must be used for encoding damage.

XENTRY Software Update:

As of Xentry DAS version 09/2012, it is possible to flash the transmission control unit.

WIS

The corresponding AR documents are available in the table below.

Parts Information

Qty.	Part Name	Part Number
As required	Transmission oil, 1 l container	A 001 989 85 03 09

Remove/install axle shaft radial shaft seals		AR27.40-P-0210NKB
Remove/install oil automatic transmission oil pan		AR27.10-P-7030NKB
Change automatic transmission oil and filter		AR27.00-P-2702NK
Remove/install automatic transmission cooling module		AR27.55-P-1500NKB
Remove/install dual clutch		AR27.20-P-0070NKB
Remove/install automatic transmission		AR27.10-P-0502NKB
Check oil level in automatic transmission and if necessary, correct		AR27.00-P-0100NKB
Read out EEPROM blocks		(see below)

Read Out EEPROM Blocks

1. Select the "Adaptations" tab (Figure 1) (1) in Xentry DAS.
2. The "Teach-in process" (Figure 1) (2) menu item takes you to the submenu.
3. Click on "Display EEPROM values" (Figure 1) (3).
4. Data is stored in the "User data range as a text file with vehicle identification number (VIN) (Figure 1) (4).
5. To load the data into the memory, press the "Continue" button (Figure 1) (5).

9. The EEPROM data with VIN is in "USER_DOCUMENTS\Xentry\VGSFDKGI" (Figure 3) (8).
10. To transfer the data to storage medium, select "USB data medium" (Figure 3) (11) as the final memory selection.
11. Transfer the data to a USB stick via "Copy" (Figure 3) (10).

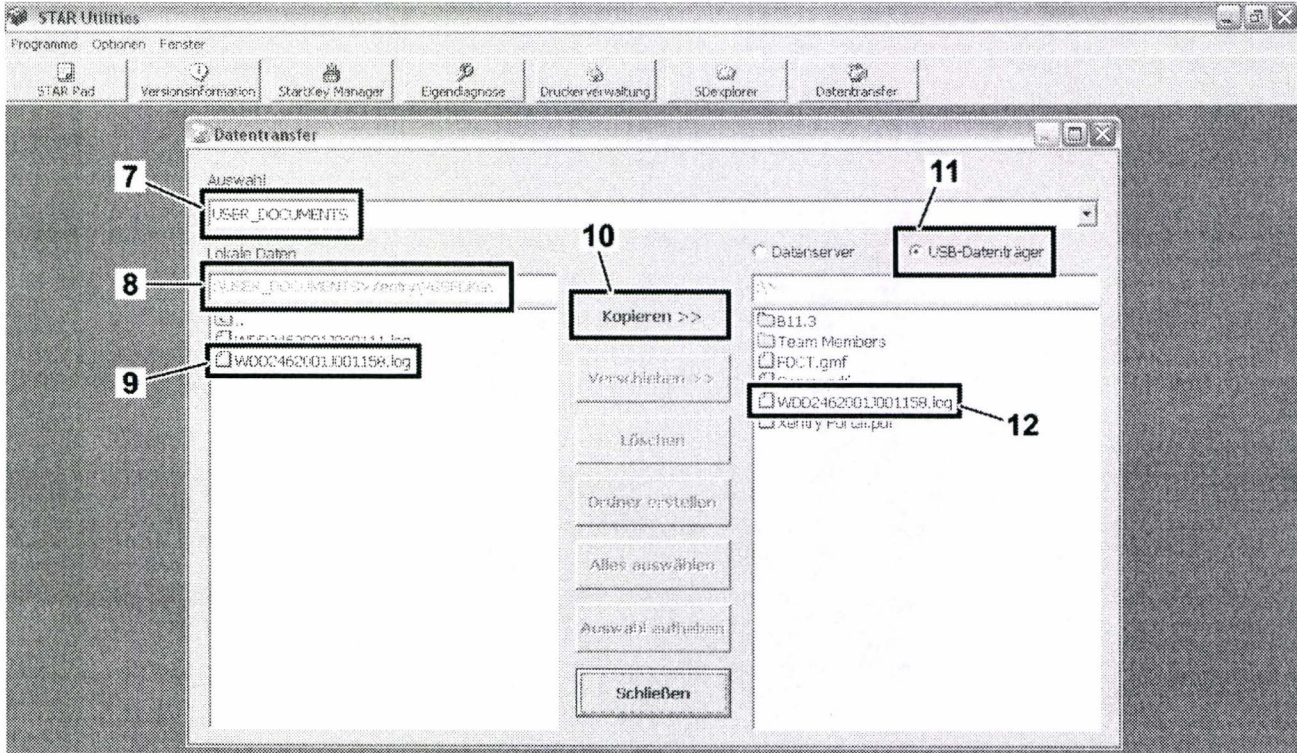


Figure 3.

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