



Technical Service Information

VOLKSWAGEN 02E DSG FLUID SERVICE

COMPLAINT: How or where to check or fill the transmission to the correct oil level.

CAUSE: A lack of detailed service information regarding the filling, topping off and checking the 02E oil level makes it difficult to determine if the transmission has the correct oil level.

CORRECTION #1:

02E transmissions built up to a production date of September 20, 2004 had two service plugs in the bottom of the transmission, Figure 1. Service plug “A” is used to check the oil level. Service plug “B” is the ATF drain plug.

With service plug “A” removed and the transmission temperature at 95° to 112°F (35°C to 45°C), oil should trickle out of the “A” plug hole. This would indicate that the transmission has the correct oil level.

NOTE #1: It is important to not switch these plugs. Behind plug “A” is an overflow pipe that determines when the transmission has the correct oil level. Installing plug “B” in this hole could damage the overflow pipe.

CORRECTION #2:

02E transmissions with a production date from September 21, 2004 have only service plug “A”. This is both the drain and check plug, once the plug is removed, the 8mm hex black plastic overflow pipe is removed to drain the transmission and then replaced to check the fluid level. Tighten the overflow pipe to 27 lb. in. (3Nm).

With service plug “A” removed and the transmission temperature at 95° to 112°F (35°C to 45°C), hold the foot brake and shift into each selector lever position for approximately 3 seconds each. Place the selector lever in park and verify the transmission temperature with a scan tool. Let any excess fluid run out until it seeks its own level. At this time oil should trickle out of the “A” plug hole. This would indicate that the transmission has the correct oil level, Figures 2 and 3.

NOTE #2: It is best to fill the transmission through the vent cap as shown in Figure 4.

SERVICE INFORMATION:

Dry Fill Capacity.....7.6 Quarts (7.2 Liters)
Service Fill Capacity.....5.5 Quarts 5.2 Liters)
Volkswagen DSG Fluid Part #.....G052182A2

(For proper clutch overlap it is highly recommended to use OE specified fluid)

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VW 02E DSG FLUID SERVICE

TRANSMISSIONS WITH PRODUCTION DATE UP TO 9/20/04

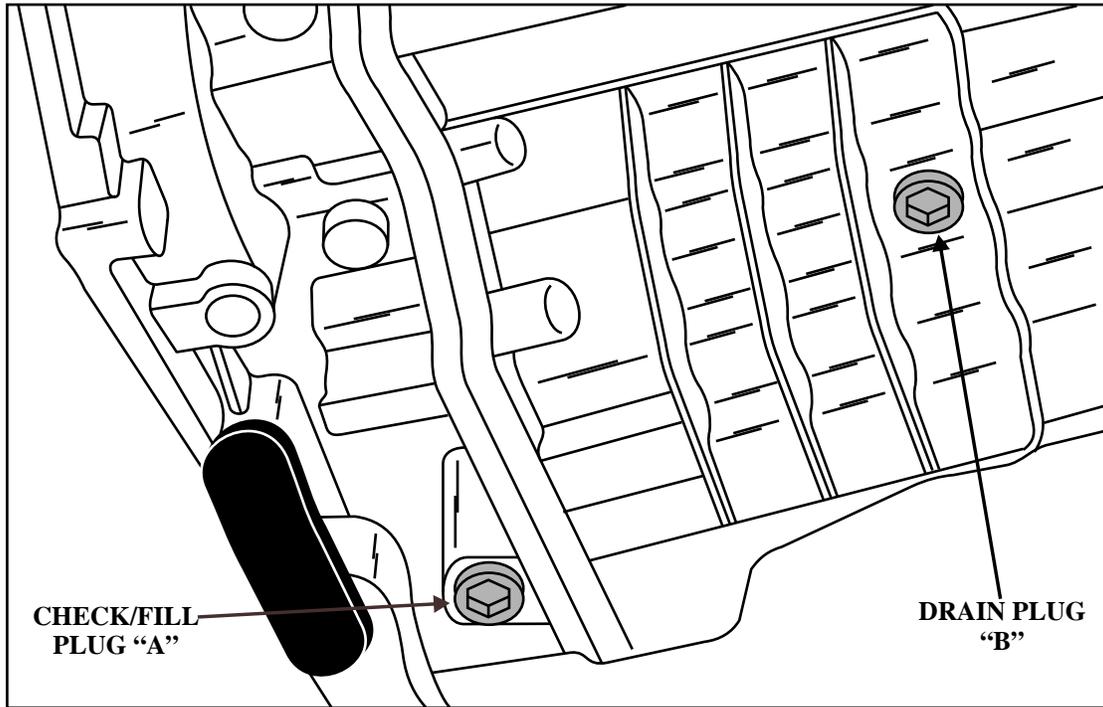


Figure 1

TRANSMISSIONS WITH PRODUCTION DATE FROM 9/21/04

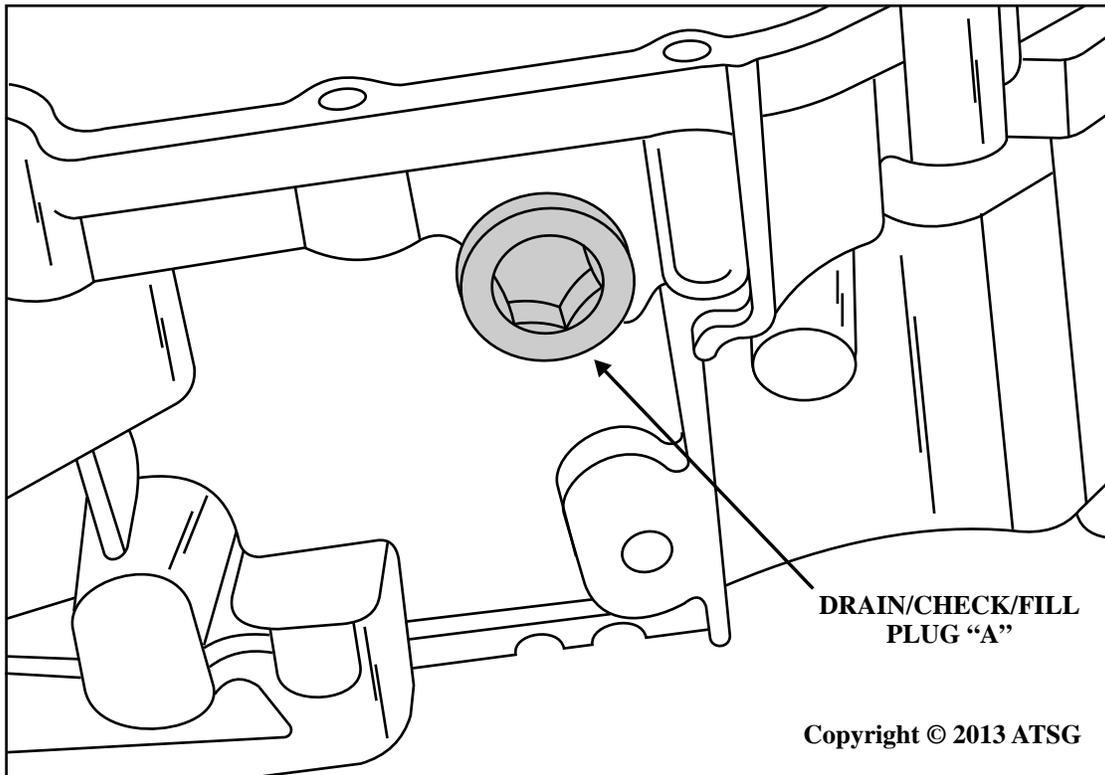
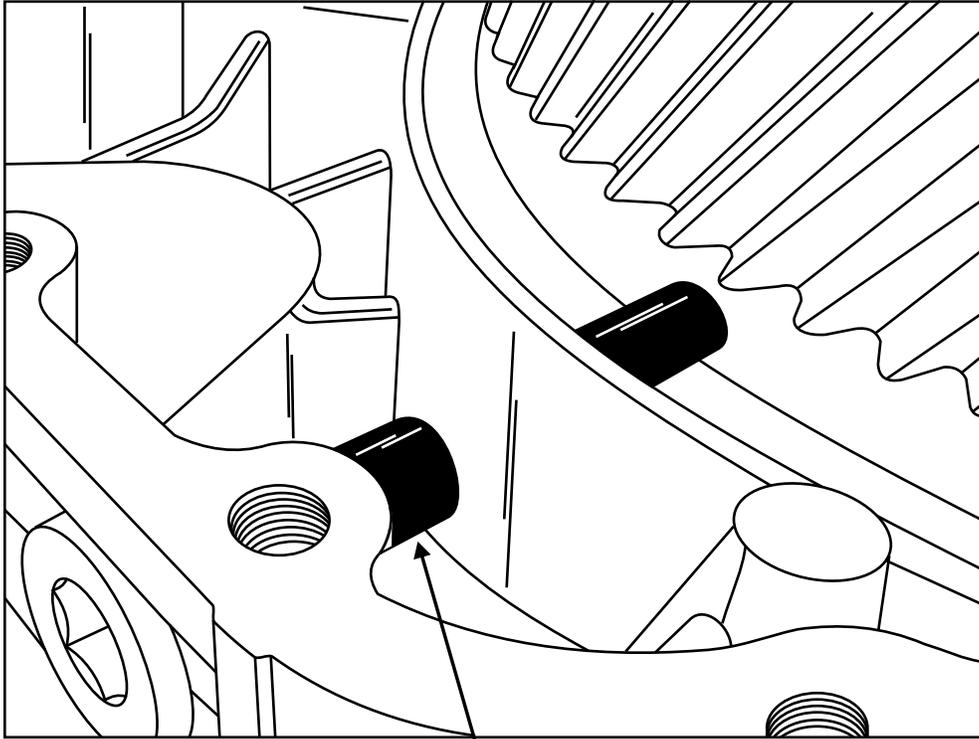


Figure 2

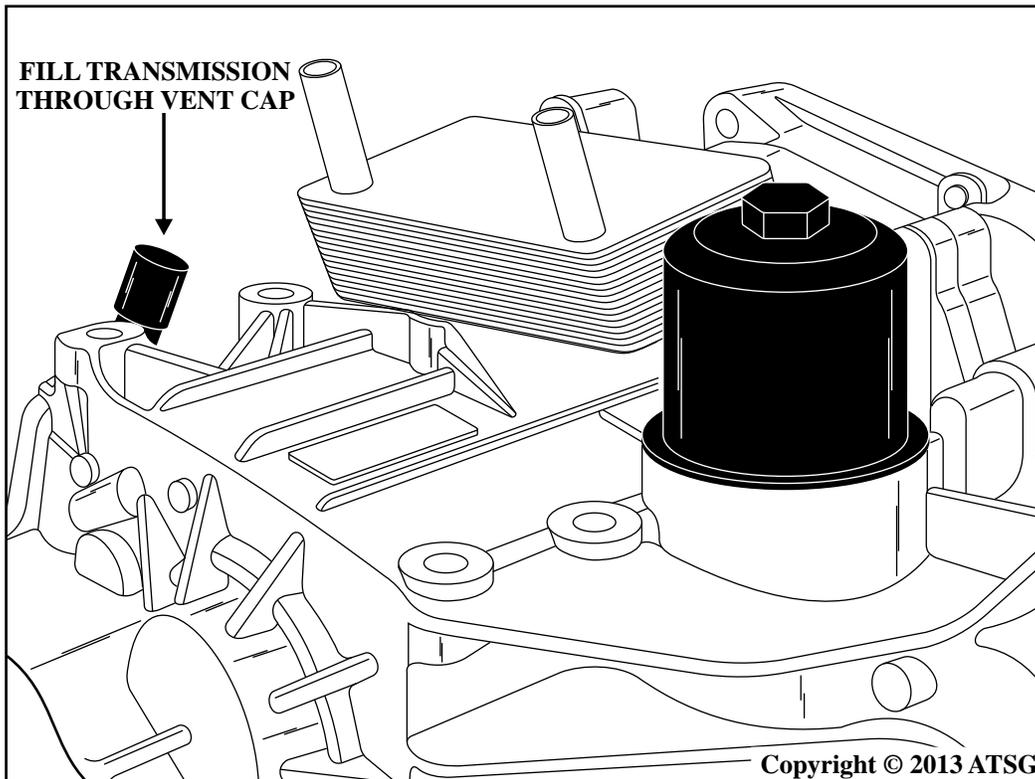
VW 02E DSG FLUID SERVICE

TRANSMISSIONS WITH PRODUCTION DATE FROM 9/21/04



**REMOVE PLASTIC OVERFLOW TUBE TO DRAIN FLUID
INSTALL PLASTIC OVERFLOW TUBE TO CHECK FLUID LEVEL**

Figure 3



**FILL TRANSMISSION
THROUGH VENT CAP**

Figure 4