

02E DSG Gear Oil Level, Draining and Filling

Draining

1. Replace DSG Oil Filter. Tightening torque is 20 Nm.
2. Remove drain plug. Allow oil to drain.
3. Remove the spill over tube. Allow oil to drain completely.
4. Reinstall the spill over tube. Tightening torque is 3 Nm.
5. Install the VAS 6262A (or equivalent) fill port to the oil pan.

Filling

1. Wait for transmission to cool completely.
2. Connect VAS 6262A (or equivalent) filling hose to fill port.
3. Fill transmission with 5.5L of DSG Transmission Oil. NOTE: Only approved DSG transmission oils may be used. Always verify the correct type using ETKA, or the factory repair manual.
4. Start the engine, depress the brake and manually select P, N, R, D, and S at idle. Retain each position for at least 3 seconds.
5. Place the gear selector back into P, continue to allow the engine to idle and raise the vehicle.
6. Using VAGCOM, ErWin, or VW Factory Scan Tool, monitor the gearbox oil temperature.
7. As the temperature of the oil increases, the unnecessary amount of DSG oil will flow out of the spill over tube and exit the transmission.
8. When the temperature of the DSG oil reaches 35 degrees C, remove the filling device. NOTE: Oil must be slowly running out.
9. Reinstall the drain plug with a new crush washer. Tightening torque is 45 Nm. NOTE: The filling procedure must be completed by the time the oil temperature reaches 45 degrees C. If this temperature is exceeded, the gearbox will need to cool completely and the procedure must be repeated
10. Perform DSG Basic Settings using VCDS (Beta 16.6.0 or higher), ErWin, or the VW Factory Scan Tool.