

21 - Transmission and Transfer Case / Automatic - 8HP50/850RE / FLUID and FILTER / Standard Procedure

TRANSMISSION FILL AFTER SERVICE

CAUTION: A unique transmission fluid has been developed for this transmission. This fluid is NOT compatible with ATF+4 or any other current FCA US LLC transmission fluid. For specifics about this unique fluid see FLUIDS, LUBRICANTS AND GENUINE PARTS .

To properly fill the transmission after an in vehicle service or overhaul, perform the following procedure:

NOTE: If the transmission cooler was replaced, add an additional 0.7L (0.72 qts) of transmission fluid.

1. **If the transmission was overhauled**, prior to installing in the vehicle, tip the transmission on it side, remove the oil fill plug on the right rear side of the case and install 9L (9.5 qts) of transmission fluid. Install the fill plug. After installing the transmission, perform the CHECK OIL LEVEL procedure ([Refer to 21 - Transmission and Transfer Case/Automatic/FLUID and FILTER/Standard Procedure](#)).
2. **If an in vehicle service was performed**, raise and support the vehicle **on a level hoist** ([Refer to 04 - Vehicle Quick Reference/Hoisting - Standard Procedure](#)), and perform the CHECK OIL LEVEL procedure ([Refer to 21 - Transmission and Transfer Case/Automatic/FLUID and FILTER/Standard Procedure](#)).