



STAR ONLINE PUBLICATION



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Symptom/Vehicle Issue: Rear Axle Differential Fluid Level Appears Low

Discussion: During normal inspection, or during diagnosis of rear axle concerns, the technician may note that the rear differential fluid level appears to be lower than expected. In past years, the rear axle fluid level fill spec was 4.1L (8.6 pints) which is approx. 1/10 inch (2.6mm) from the bottom of the fill port. However, this is no longer the case.

The proper fluid fill amount for these axles is 3.2L (6.75 pints). When filled with the correct fluid amount, the fluid level will be approximately 4/5 inch (20 mm) below the bottom of the fill plug opening, +/- 1/4 inch (6mm). Do not add additional fluid beyond the specified amount to bring the level to the bottom of the fill plug as this will not be necessary.

This document does not authorize warranty repairs. This communication documents a record of past experiences. STAR Online does not provide any conclusions about what is wrong with the vehicle. Rather, it captures all previous cases known that appear to be similar or related to the vehicle symptom / condition. You are the expert, and you are responsible for deciding on the appropriate course of action.

Contact STAR Center, or your Technical Assistance Center Via TechConnect, eCONTACT or Service Library entry if no solution is found.