



Service Bulletin

File in Section: 07 - Transmission/Transaxle

Bulletin No.: 07-07-31-001E

Date: October, 2012

INFORMATION

Subject: Clutch Hydraulic System – New Service/Owner Maintenance Information

Models: 2009-2013 Cadillac CTS-V Series (All Models)
2005-2013 Chevrolet Corvette (Including Z06 and ZR1)
Equipped with Tremec 6-Speed Manual Transmission
(RPOs MM6, MZ6, MH3, MG9, ME2)

This bulletin is being revised to update the models to include the 2013 model year. Please discard Corporate Bulletin Number 07-07-31-001D (Section 07 – Transmission/Transaxle).

This bulletin is being issued to provide dealers with additional information on servicing the clutch hydraulic system. Please also advise customers of this new maintenance information.

Some cases have been found where the vehicle's clutch hydraulic system was contaminated with water. Higher than expected levels of water in the clutch fluid greater than 2% may cause the clutch fluid to boil. The presence of water in the fluid lowers the boiling point significantly; when this occurs, the driver may lose customary clutch pedal feel and performance.

To eliminate the opportunity for moisture to enter the clutch hydraulic system:

- The clutch fluid level inspection should be a VISUAL inspection only. Look through the transparent reservoir and observe the fluid level. Avoid removing the cap. DO NOT remove the cap just to top-off clutch fluid. Leave the system closed and sealed. During PDI inspection or routine service, the cap should not be opened for just an inspection.
- Open containers of DOT 4 clutch fluid have a two week shelf life. DO NOT use fluid if the container opening date is unknown or older than two weeks. DO NOT mix or re-use old fluid. Current service information already covers the issue of reuse.
- To provide the best clutch operation, it is recommended that the owner change the clutch fluid every 2 years or 48,000 km (30,000 miles), whichever comes first. Please flush and replace with fluid P/N 88958860 (P/N 88901244 in Canada) or equivalent DOT 4 fluid.

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



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