



No.: 16 TS-16  
August 10, 2016

TO: Service Locations

FROM: Service Systems Development

SUBJECT: **Detroit™ DT12™ Transmission Oil And Oil Fill/Drain Plug Washers**

Note: This document supersedes Technical Service letter 13 TS-38.

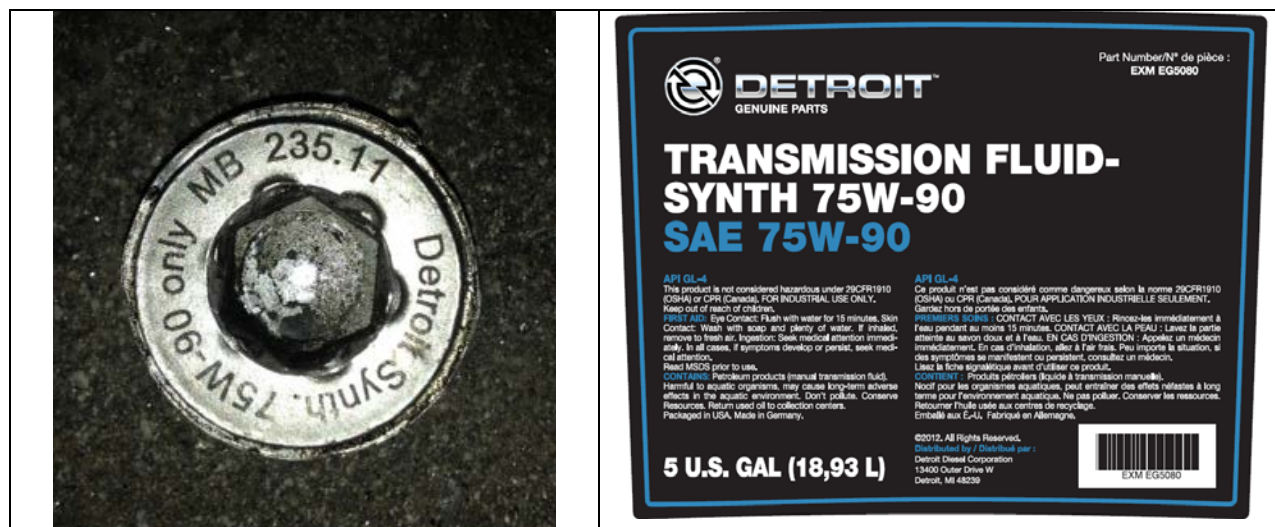
## ISSUE

Detroit™ DT12™ automated manual transmissions use synthetic lubricant, such as Detroit Synth 75W-90, that meets the requirements of the Mercedes-Benz (MB) 235.11 specification. . Using lubricant that does not comply with this specification will result in damage to the transmission. This is noted in the *DTNA Drivers Manual*, *DTNA Maintenance Manual*, and the *Detroit Transmissions Manual* (DDC-SVC-MAN-0140). The oil fill plug also shows the specification number. Transmission damage due to the use of incorrect oil is not covered under the Detroit™ warranty.

Currently, the only oil available in North America that meets the MB 235.11 specification is the Detroit Synth 75W-90. The oil can be ordered through Paragon, with a direct ship from the vendor. It will **NOT** show in stock at any DTNA Parts Distribution Center (PDC). The oil part number can be found in module 348 in PartsPro.

- One gallon pail P/N: EXM EG5081
- Five gallon pail P/N: EXM EG5080
- 55 gallon drum P/N: EXM EG50855

The Detroit™ DT12™ oil change interval is every three years/300,000 miles for vehicles below 80,000 lbs. Gross Combined Weight Rating (GCWR), and every two years/200,000 miles for vehicles above 80,000 lbs. GCWR.



The oil fill plug washer and drain plug washer (PN: N007603024105) are one-time-use only. It is necessary to replace the washer after each removal of either plug. Torque on the oil fill and drain plugs is 60 N·m (45 lb·ft).

## CONTACT INFORMATION

Please contact the Detroit™ Customer Support Center at 800-445-1980 or email [csc@daimler.com](mailto:csc@daimler.com) if you have any questions.