



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.

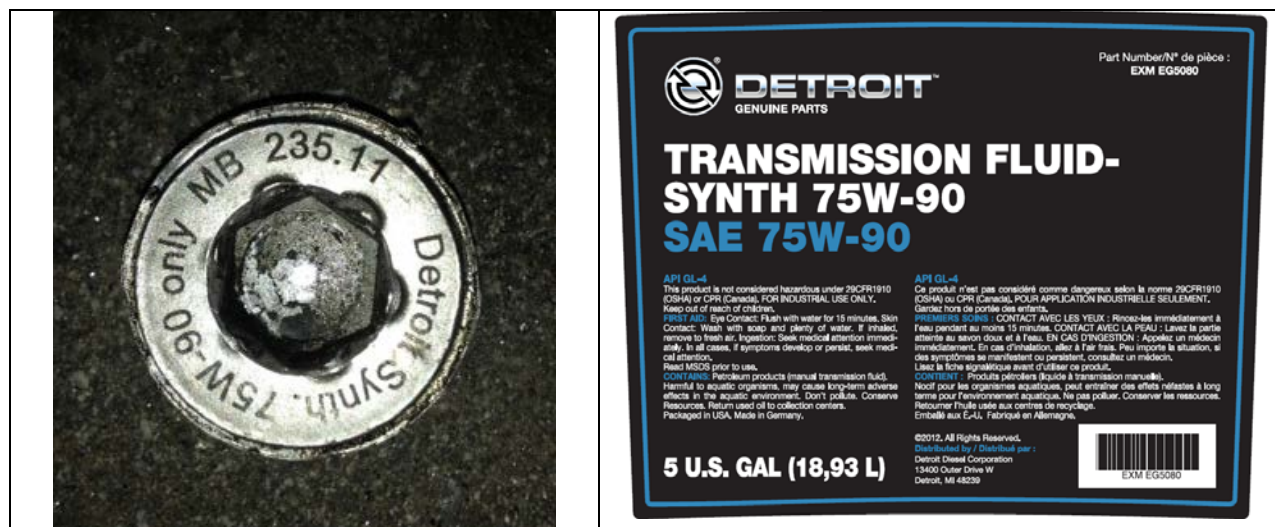
ISSUE

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 if you have any questions.