

FLA COE
 FLB COE
 FLD Conventional
 Business Class
 FLC 112 Conventional

Century Class Conventional
 Argosy COE
 Cargo
 Columbia

122SD and Coronado
 Business Class M2
 > Cascadia
 108SD/114SD

**Freightliner
 Service Bulletin**

General Information

When replacing a Detroit Model 6 differential carrier, add 1 liter (1 quart) of approved synthetic lubricant into the differential before installing the differential into the axle housing. See [Fig. 1](#). This is needed for the axle to function properly and will help prevent damage to the differential.

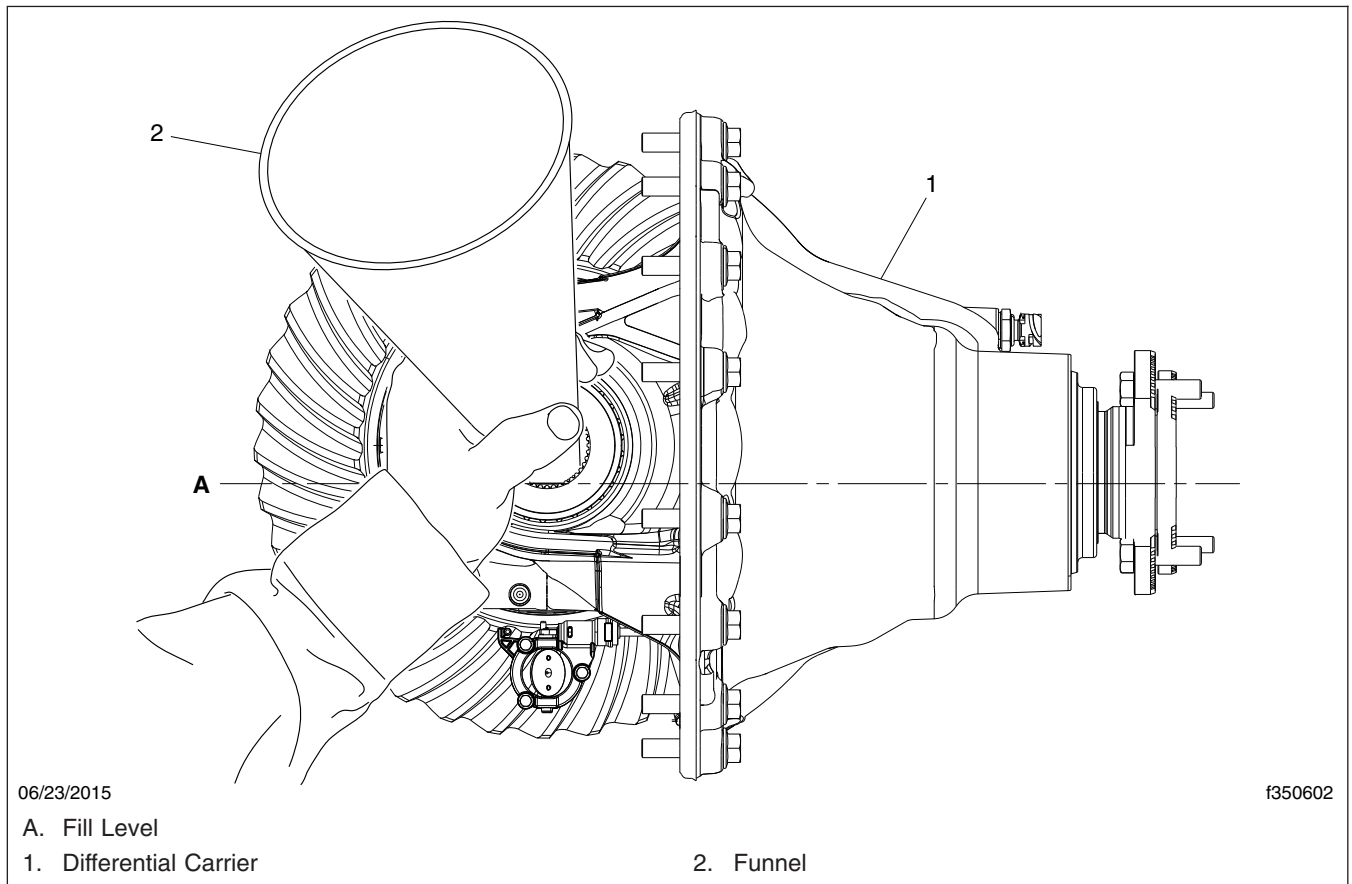


Fig. 1, Setup to Fill a Model 6 Differential Carrier

IMPORTANT: Lubricant used in Detroit Model 6 axles must meet Mercedes-Benz specification 235.8. Mobil Delvac 1 Gear Oil 75W-90 and Mobilube 1 SHC 75W-90 meet this specification.

To fill the differential, ensure it is seated securely on a transmission jack and properly oriented for installation, then add the lubricant through the side gear differential opening where the axle shaft is installed. Do not get oil on the housing sealing surface. For detailed lubrication and installation instructions, see *Detroit Axles Manual (DDC-SVC-MAN-0141)*.

Warranty

This is an informational bulletin only. Warranty does not apply.