

Pre-Delivery Inspection Oil Fill for New Final Drive (NFD) Axles

35-034

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
> New Cascadia

**Freightliner
Service Bulletin**

General Information

For New Cascadia vehicles equipped with Detroit Diesel New Final Drive (NFD) Axle Top Performance axles, and that have been decked, the hubs and axle center section may not be adequately filled with oil when they arrive at the dealer. The decking process can cause up to two quarts of oil to be lost from each axle. The axles need to be filled once they arrive at the dealership.

NOTE: This procedure applies to NFD Top Performance Axles only.

Filling Procedure

1. Fill the hubs with approved oil; refer to *New Cascadia Workshop Manual*, **Section 35.04, Subject 230**.
2. Fill the center section of the axle; refer to *New Cascadia Maintenance Manual*, **Group 35**.

Warranty

This procedure is warrantable only if the described condition exists and the repair is performed within the applicable base or extended coverage warranty period. If a failure is not found, this procedure is considered preventive and warranty does not apply.

Normal warranty applies. See [Table 1](#) for OWL VMRS codes and labor allowance information. Enter this service bulletin number in the *Service Bulletin #* field.

OWL VMRS Codes and Labor Allowance					
Primary Failed Part	Component Code	Cause Code	SRT Code	Description	Time: Hours
—	999-999-999	24	939-6106E	HUB AND AXLE OIL, CHECK AND FILL BOTH AXLES, NEW FINAL DRIVE TOP PERFORMANCE AXLES (DECKED TRUCKS)	0.6

Table 1, OWL VMRS Codes and Labor Allowance