

FLA COE
 FLB COE
 FLD Conventional
 Business Class
 FLC 112 Conventional

Century Class Conventional
 Argosy
 Cargo
 Columbia
 > 122SD and Coronado

> Business Class M2
 > Cascadia
 > 108SD/114SD
 > New Cascadia

**Freightliner
 Service Bulletin**

Description of Revisions: *This bulletin replaces the version dated 12/02/2019. Warranty information is added, and language is removed in reference to vehicles built in Mexico.*

General Information

This procedure applies to all vehicles built with driveshafts SPL140, SPL170 or SPL250 with first order driveline vibration. Vehicles built in the USA from July 3, 2017 through February 28, 2018 are equipped with a hard rubber carrier bearing which is more durable, but may exaggerate vibration back to the cab. Before sending drivelines to be balanced and/or straightened, replace the old midship carrier bearing with a new bearing (SP 10094142).

Parts

Parts Table	
Part Number	Description
SP 10094142	Midship Carrier Bearing

Table 1, Parts Table

Midship Bearing Replacement

Removal

1. Park the vehicle on a level surface, shut down the engine, and set the parking brake. Chock the tires.
2. Refer to **SB 00-038** 'Vibration and Harsh Ride Troubleshooting: Finding the Cause' for instructions to find the cause of the vibration. If the cause is found to be a first order driveline vibration, replace the midship bearing(s). Refer to **Group 41** of the applicable workshop manual for instructions on midship bearing replacement.
3. For instructions, refer to **SB 00-038** 'Vibration and Harsh Ride Troubleshooting: Finding the Cause'.

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 2](#) 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
SP 5003323	024-002-005	12	391-5005A	Vibration Diag and One Midship Bearing, R/R	3.4

Table 2, OWL VMRS Codes and Labor Allowance