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Description of Revisions: *This bulletin replaces the version 11/11/2019. Warranty information is added, and language is removed in reference to vehicles built in Mexico.*

General Information

For Western Star vehicles built from July 3, 2017 through February 20, 2018 and equipped with drive shafts SPL140, SPL170, or SPL250, the midship bearing may be a contributing factor in driveline vibration. Replacing the midship bearings with SP 10004142 may resolve the issue. Once the bearing is replaced, test drive the vehicle to validate the repair.

Parts

Parts Required	
Part Number	Description
SP 10094142	Midship Carrier Bearing

Table 1, Parts Required

Midship Bearing Replacement

1. Park the vehicle on a level surface, shut down the engine, and set the parking brake. Chock the tires.
2. Refer to **SBW 00-015 - Vibration and Harsh Ride Troubleshooting** for instructions on finding 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 *Western Star Workshop Manual* for instructions on midship bearing replacement.
3. Test drive the vehicle. Refer to **SBW 00-015 - Vibration and Harsh Ride Troubleshooting** for instructions.

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