

Technical Service Note 31-11

SUBJECT: Driveline Midship Support Crossmember Fasteners.

PRODUCTS: Cascadia vehicles equipped with a driveline center bearing midship support. Reference the following illustration:

GROUP: 31

PROBLEM / SYMPTOMS: Customer complaints of loose fasteners at the bracket to channel bolted connection.

Production Action: Design change to the driveline midship support crossmsmber beginning 12/01/2014.

Field Action:

Inspect the four 1/2"-13 course thread fasteners that attach the channel to the gussets to confirm they are torqued to the appropriate specification.
Reference the following illustration:

If any of the fasteners are below the minimum torque, replace all four fasteners with new 1/2"- 20 fine thread hardware.

Or

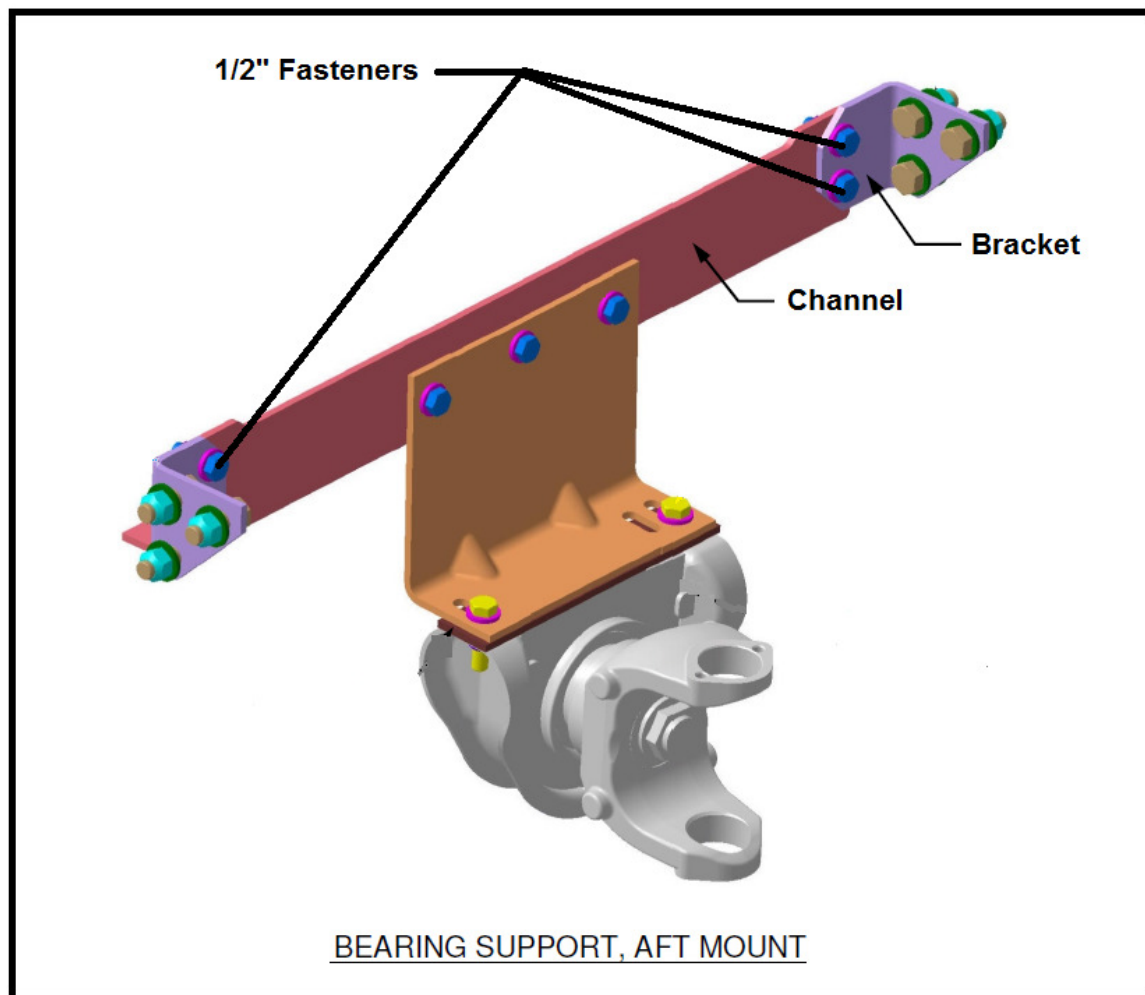
If there is any indication of slippage between the bracket and channel replace all four fasteners with new 1/2"- 20 fine thread hardware.

Note: Per the Cascadia Maintenance Manual section 31-03 a frame fastener torque check is required at the Initial Maintenance interval.

REPLACEMENT FASTENERS:

<u>Part Number:</u>	<u>Description:</u>	<u>Qty:</u>
23-09441-175	SCREW-CAP,HEX1/2-20X1.75 GR8PO	4
23-13833-208	NUT-HEX,PT,1/2-20,C,ZN/AL	4
23-09114-000	WASHER-HRDN,0.69X1.31X.177,	8

Note: Torque from the nut side to 64 ft-lbs.



Reference Documentation: FSPR: 23164

This information is NOT authorization for warranty.