

Technical Service Note 31-10

(Originally released as 31-09 in error)

SUBJECT: Inverted U End of Frame Closing Crossmember Fastener Replacement.

PRODUCTS: Cascadia vehicles equipped with the inverted U end of frame closing crossmember.

GROUP: 31

PROBLEM / SYMPTOMS: Customer complaints of loose fasteners at the end of frame closing crossmember where the c-channel attaches to the gussets.

Production Action:

Corporate QA is working with the manufacturing engineering and plants to insure the correct tools and torque processes are being followed and monitored.

Field Action:

Inspect the c-channel and gusset for any relative movement. Check the 5/8” fasteners to confirm they are torqued to the appropriate specification. Reference the following illustrations:

If there is any indication that the any of the fasteners are loose, replace all 12 fasteners with new hardware.

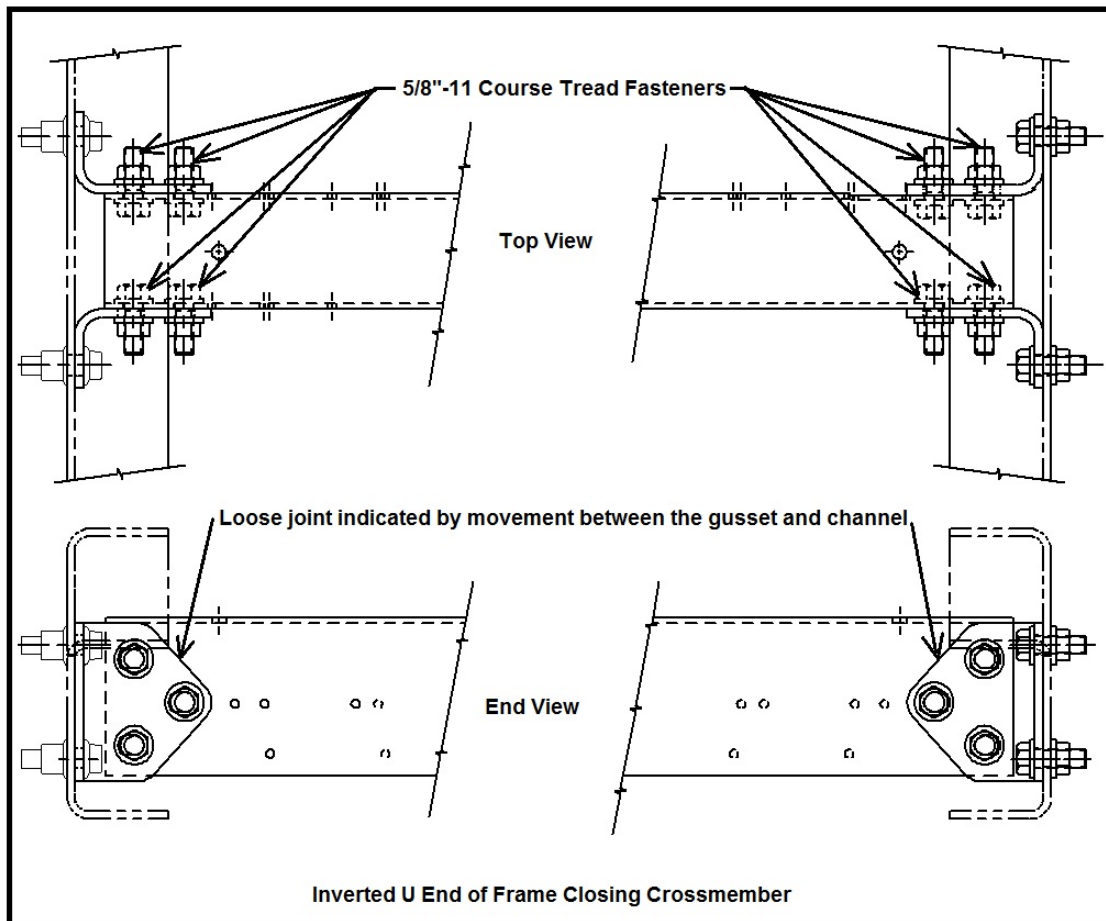
REPLACEMENT FASTENERS:

<u>Part Number:</u>	<u>Description:</u>	<u>Qty:</u>
23-09444-150	SCREW-CAP,HEX5/8-11X1.50 GR8PO	12
23-13833-110	NUT-HEX,PT,5/8-11,C,ZN/AL	12
23-09114-000	WASHER-HRDN,0.69X1.31X.177	24

Note:

When tightening from the **bolt head** torque to **136 ft-lbs**

When tightening from the **nut** torque to **128 ft-lbs**



Reference Documentation: FSPR: 24505; FRACAS: 12246