

Non-Airliner Rear Suspension Crossmember Fastener Change

31-016

Western Star Service Bulletin

Constellation
Heritage
> 4700 Models
> 4800 Models
> 4900 Models

4900X Models
> 5700 Models
5900 Models
> 6900 Models

General Information

With the start of production on March 2, 2020, the fasteners used to assemble the non-Airliner rear suspension (bogie) crossmember have changed. The rear suspension bogie crossmember gussets to the C-channel will be assembled with 5/8–18 fasteners. This change includes a revision to a higher friction nut that requires an increase in tightening torque. The new higher friction nut can be identified by its green color. See **Fig. 1**. If the crossmember gusset to the C-channel mounting hardware is being removed, replace with new hardware as indicated by the part numbers in **PartsPro®**.

Tighten the bogie suspension crossmember gusset to c-channel using 5/8–18 fasteners from the bolt head to 181±13 lbf·ft (245±17 N·m). See Fig. 2.



Fig. 1, New High Friction Nut

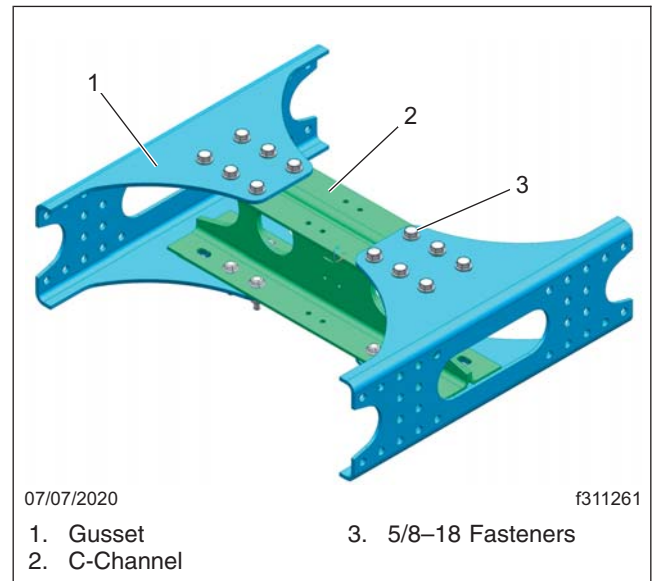


Fig. 2, Rear Suspension Bogie Crossmember

The new fasteners are available from the PDC's. See **Table 1**.

| Suspension Bogie Crossmember Replacement Fasteners | |
|--|-----------------------------|
| Part Number | Description |
| 23-09445-200 | SCREW-CAP,HEX5/8-18X2,GR8PO |
| 23-14450-210 | NUT—HEX,LKG,ZNAL,.62-18 |
| 23-09114-000 | WASHER—HRDN,0.69X1.31X.177 |

Table 1, Suspension Bogie Crossmember Replacement Fasteners

Warranty

This is an information bulletin only. Warranty does not apply.