

Constellation
Heritage
> 5700 Models
> 4800 Models

> 4900 Models
> 4700 Models
6900 Models

Western Star
Service Bulletin

General Information

With the start of production on March 6, 2018, the fasteners used to attach the slide- and plate-mount style fifth wheels to the outboard angles changed to M16 metric bolts, nuts, and washers. This change also includes a revision to a higher friction nut which requires an increase in tightening torque. The new higher friction nut can be identified by its blue color (**Fig. 1**). Blue fasteners are metric. If the fifth wheel mounting hardware is being removed replace with new hardware per the part numbers in PartsPro. See **Fig. 2**.

Tighten the fifth wheel M16 fasteners from the bolt head to 170 ± 12 lbf-ft (230 ± 16 N-m).



Fig. 1, New High Friction Nut

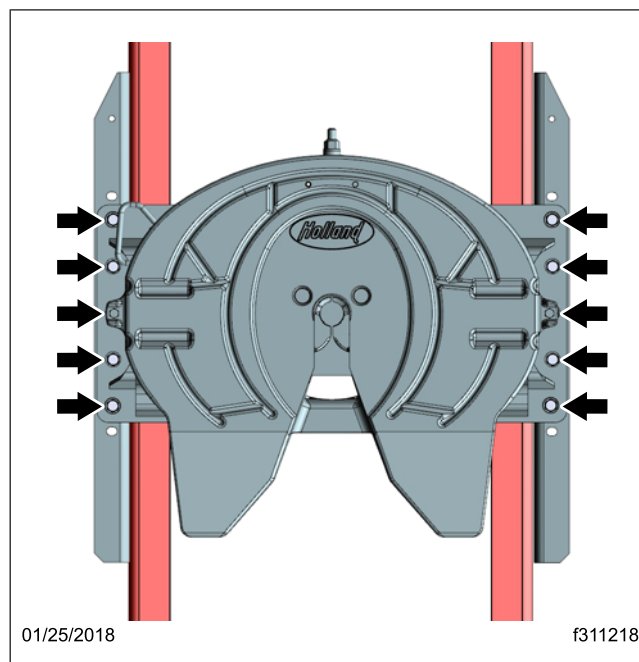


Fig. 2, Fifth Wheel Mounting Fasteners

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

Replacement Fasteners		
Part Number	Description	Qty
23-14283-L*	BOLT-HEX,PC10.9,PO,M16	as required
23-14451-116	NUT-HEX,LKG,ZNAL,M16X1.5	as required
23-09114-000	WASHER-HRDN,0.69X1.31X.177	as required

* The bolt length "L" is determined by the last 3 digits of the part number. Example: 23-14283-060 is 60 mm long.

Table 1, Replacement Fasteners

WARNING

All fifth wheel maintenance, adjustment, and rebuilding must be done only by a qualified mechanic. Improper or incomplete procedures could result in disengagement of the trailer from the tractor, leading to personal injury or property damage.

31-013

Fifth Wheel Outboard Angle Mount Fastener Change

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NOTE: A frame fastener torque check is required at Initial Maintenance and periodically there after. See the vehicle *Maintenance Manual*, **Group 31**.

Warranty

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