

Technical Service Note 32-11

SUBJECT: Airliner Rear Suspension Spring Bar Pin Fasteners.

PRODUCTS: Freightliner and Western Star vehicles equipped with an Airliner rear suspension.

GROUP: 32

PROBLEM / SYMPTOMS: Airliner spring bar pin to suspension hanger bracket fastener torque check.

Field Action:

Inspect the two 3/4"-10 coarse thread fasteners at each of the airliner spring bar pin to the suspension hanger brackets to confirm they are torqued to the appropriate specification.

Reference illustrations 1 and 2:

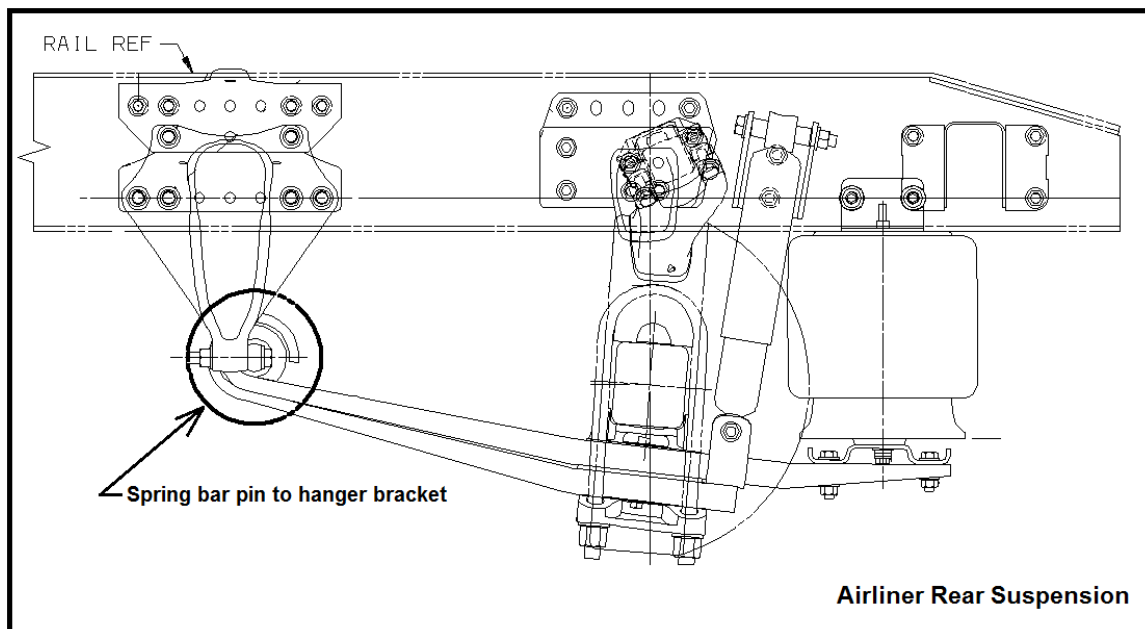


Illustration 1

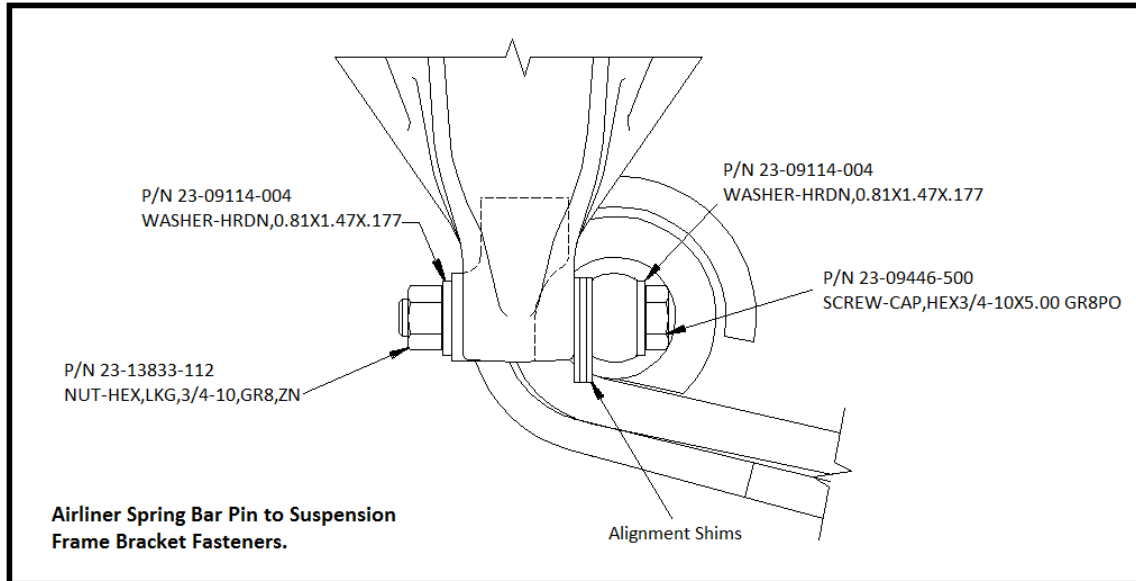


Illustration 2.

Preferred Check:

- Using a calibrated torque wrench set to 165 ft lbs and a backing wrench to hold the fastener, check the torque at the nut in a tightening direction.
- If no nut movement is observed set the torque wrench to 200 ft lbs and retorque the existing fastener.
- If nut movement is observed (torque is found to be less than 165 ft lbs) replace the 3/4" fastener and torque from the nut to 200 ft lbs.

Optional Check: (If there is no access to the nut.)

- Using a calibrated torque wrench set to 200 ft lbs and a backing wrench to hold the fastener, check the torque at the bolt head in a tightening direction.
- If no bolt movement is observed set the torque wrench to 241 ft lbs and retorque the existing fastener.
- If bolt head movement is observed (torque is found to be less than 200 ft lbs) replace the 3/4" fastener and torque from the bolt head to 241 ft lbs.

If either of the fasteners are below the minimum torque, replace both fasteners with new 3/4-10 coarse thread hardware.

REPLACEMENT FASTENERS:

<u>Part Number:</u>	<u>Description:</u>
23-09446-500	SCREW-CAP,HEX3/4-10X5.00 GR8PO
23-13833-112	NUT-HEX,LKG,3/4-10,GR8,ZN A
23-09114-004	WASHER-HRDN,0.81X1.47X.177

Reference Documentation: FSPR: 28257

This information is NOT authorization for warranty.