



Service Bulletin SB-0013

Technical Portions FAA Approved

Epic Aircraft, LLC ♦ 22590 Nelson Road ♦ Bend OR 97701
Phone: 541-318-8849 ♦ Fax: 541-382-5125 ♦ Web: www.epicaircraft.com

Subject: MLG wiring harness and brake line rerouting.

ATA-Code: 32-60

Labor: 2.0

Effectivity: K003 – K010

Affected Model(s): E1000

Due: Within the next 5 flight hours.

Compliance: Mandatory

Recurrence: No

1 **BACKGROUND AND PURPOSE:**

It has been found on affected aircraft that during landing gear extension and retraction, the weight-on-wheels wiring harness can come in contact with the gear well liner.

This Service Bulletin gives instructions to relocate clamps to reroute the wiring harness and brake line on the main landing gear to prevent contact with the wheel well liner.

2 **REFERENCES:**

Epic E1000 Airframe Maintenance Manual, PN SK05000000

3 **WARRANTY:**

For aircraft under warranty, parts and labor will be covered by Epic Aircraft, LLC if the work is performed within the compliance period and at an Authorized E1000 Service Center.

4 **TOOLS:**

<u>No.</u>	<u>Description</u>	<u>Qty</u>	<u>Epic Aircraft Supplied</u>	<u>Customer Supplied</u>
1.	Common hand tools.	A/R	☐	☒

5 **PARTS/MATERIALS:**

<u>No.</u>	<u>Part Number</u>	<u>Description</u>	<u>Qty</u>	<u>Epic Aircraft Supplied</u>	<u>Customer Supplied</u>
1.	MS20995C32	Safety Wire, .032 Dia.	A/R	☐	☒

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6 **INSTRUCTIONS:**

A) Inspect the aft-outboard corners of the left and right wheel well liners for damage (refer to figure 2).

1) If damage is found, contact Epic Aircraft, LLC.

2) If no damage is found, proceed to the next step.

Note: The procedure is the same for the left and right sides.

B) Remove the upper bolt, washers, nut, and clamps that attach the wiring harness and brake line together (refer to figure 1).

C) Discard the nut, washers, and bolt. Retain the clamps.

D) Remove the safety wire from the screws that attach the door spring bracket to the trunnion.

Note: Make sure the door spring bracket does not move during clamp installation.

E) Remove the upper screw that attaches the door spring bracket to the trunnion. Retain the screw.

F) Install the clamp that attaches the wiring harness to the trunnion with the retained screw (refer to figure 2).

G) Remove the lower screw that attaches the door spring bracket to the trunnion. Retain the screw.

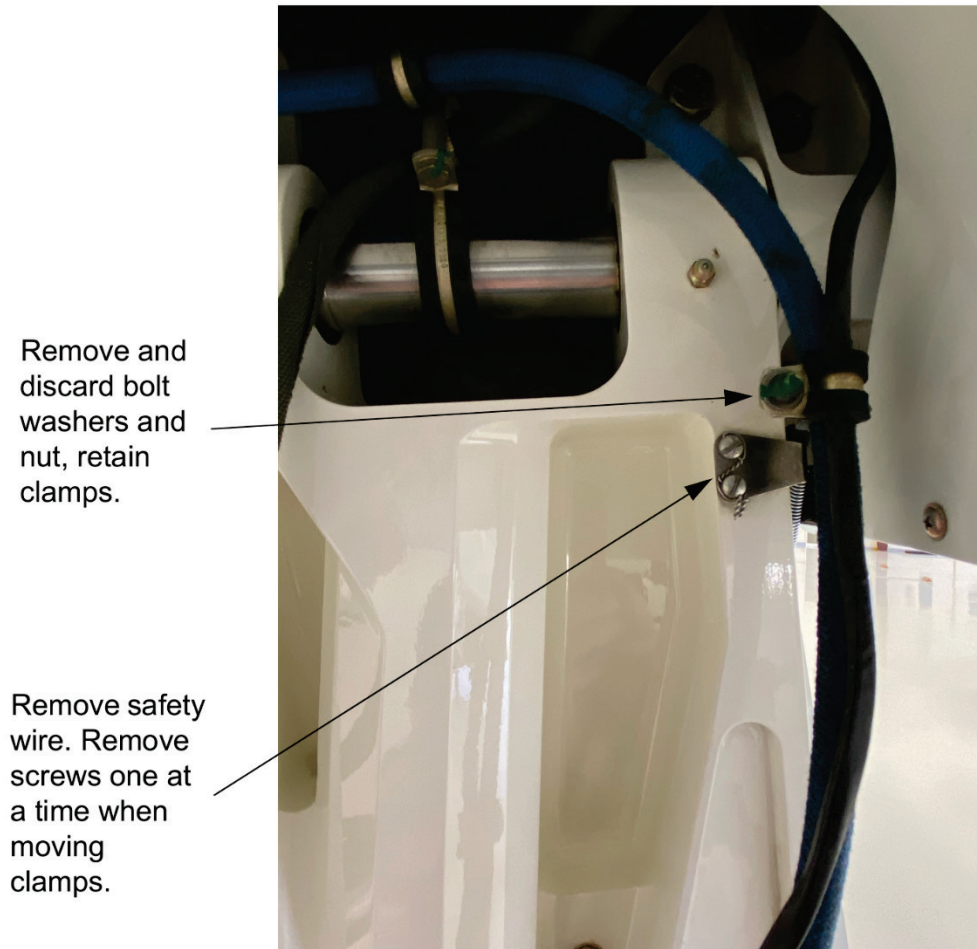
H) Install the clamp that attaches the brake line to the trunnion with the retained screw (refer to figure 2).

I) Torque the screws and install safety wire (refer to the Epic E1000 Airframe Maintenance Manual, PN SK05000000, Chapter 20-50 and 20-60).

J) Repeat steps (B) through (I) on the opposite side.

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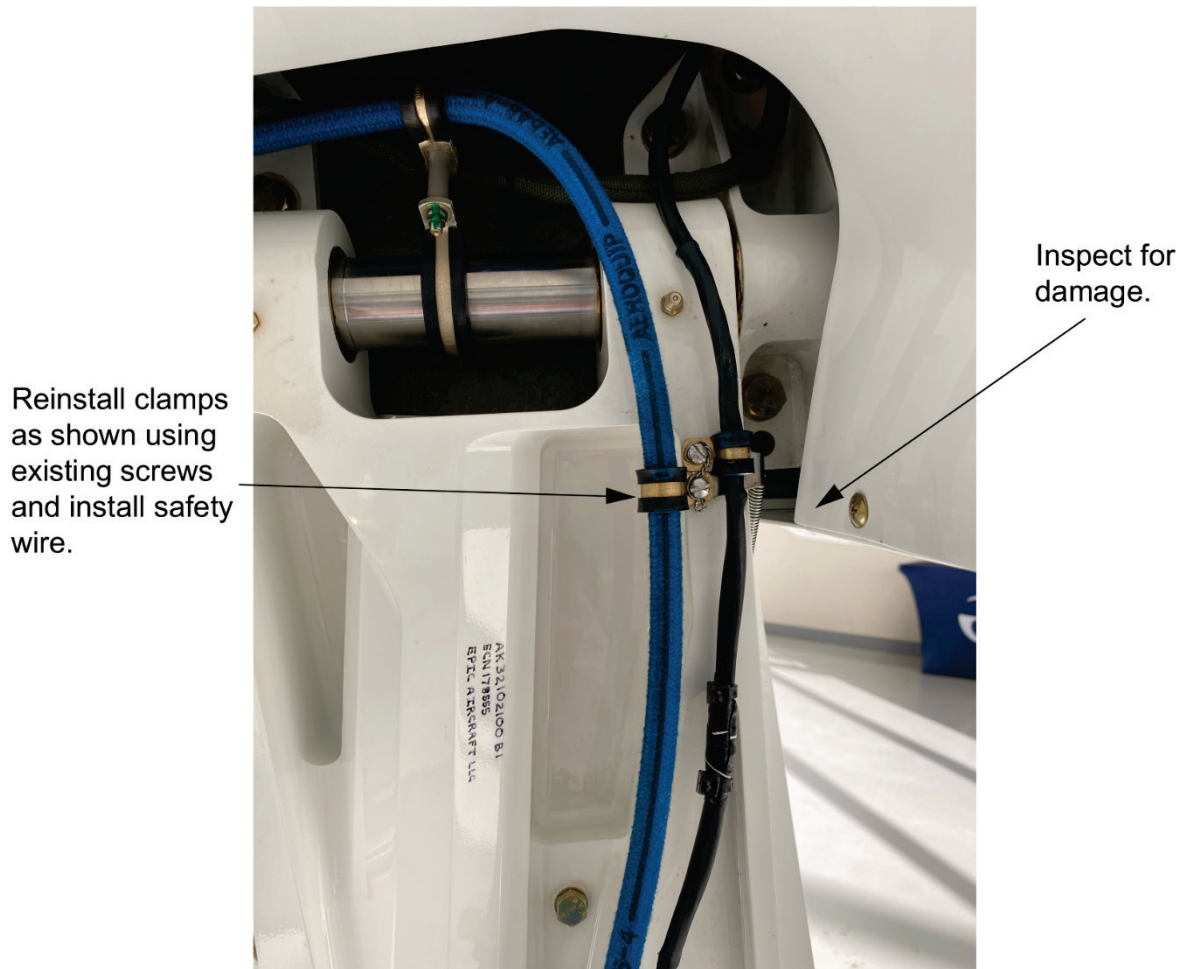
Figure 1: Wiring harness and brake line rerouting.



Pre-Modification
(Right side shown, left side opposite.)

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Figure 2: Wiring harness and brake line rerouting.



Post-Modification
(Right side shown, left side opposite.)

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7 WEIGHT AND BALANCE:

Negligible

8 PUBLICATIONS AFFECTED:

Epic E1000 Aircraft Maintenance Manual P/N SK05000000
Epic E1000 Illustrated Parts Catalog P/N SK05000004

9 RECORD COMPLIANCE:

Make appropriate entry in airplane maintenance records.

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Appendix A: Compliance Letter

Please complete and mail this form to Customersupport@epicaircraft.com

This is to certify that I have completed the work in accordance with the Epic Aircraft, LLC Service Bulletin.

Aircraft Owner Information:

Date: _____ Aircraft Serial Number: _____ Aircraft Reg. Number: _____

Owner's Name: _____

Maintenance Entity Information

Name of Shop Performing the work: _____

Name of Person(s) Performing inspection and/or work: _____

Phone Number: _____ Email: _____

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