



RECALL

R21BN: Hydraulic Brake Line Rub on Ford 7.3L

Models Affected: 2022 Blue Bird Visions (BBCV), with Hydraulic Brakes and Ford 7.3L Engine

Issue: The left-hand, front hydraulic brake line on certain units may not be properly secured.

Corrective Action: Install P-Clamp over brake line in a downward position, securing the brake line to the frame rail.

WARNING: Always follow all Federal, State, Local and Shop safety standards and use proper safety equipment, and thoroughly read and understand all instructions before performing these procedures. Park bus on level surface, apply parking brake, turn off ignition key, and chock wheels.

Parts/Items Needed: Chose One Only

Repair A- Secure Hydraulic Brake Line

Item	Part Number	Description	Quantity
24	00826297	NUT, HEX HD, 3/8-16 LOCK, YEL ZN DICH	1
26	00803171	CAPSCREW, HEXHD, 3/8-16 X 1-1/2 GR8	Re-use
27	01107085	WASHER, FLAT, 13/32 X 13/16 X 3/32	Re-use
53	02024370	CLAMP, LOOP, .250	1

Repair B- Secure and Replace Hydraulic Brake Line (If Required)

Item	Part Number	Description	Quantity
24	00826297	NUT, HEX HD, 3/8-16 LOCK, YEL ZN DICH	1
26	00803171	CAPSCREW, HEXHD, 3/8-16 X 1-1/2 GR8	Re-use
27	01107085	WASHER, FLAT, 13/32 X 13/16 X 3/32	Re-use
53	02024370	CLAMP, LOOP, .250	1
11	10067931	TUBE ASSY, STEEL, HYD BRAKE, LH FRT	1

Instructions: Repair A

- Locate the left-hand front brake line, inside the frame rail, rear of the front motor mount.
- Inspect for a “P” clamp (Item #53) securing the hydraulic brake line to the frame rail at the grounding strap.
 - If the clamp is installed, tight and positioned per Illustration 1, no further action is necessary.
 - If the clamp is missing or incorrectly installed, proceed to the next step.
- Locate the mounting fastener for the engine ground strap. Remove the locking nut securing ground strap to chassis and discard the nut.

NOTE - Ensure the surfaces between the frame rail and ground strap are clean and free of paint or corrosion prior to proceeding.

- Install P-Clamp 02024370 (Item 53) over brake line, oriented in a downward position, with the flat side of the P-Clamp against the frame rail.
- Insert capscrew and washer (Items 26 & 27) thru the P-Clamp, ground strap and frame rail.

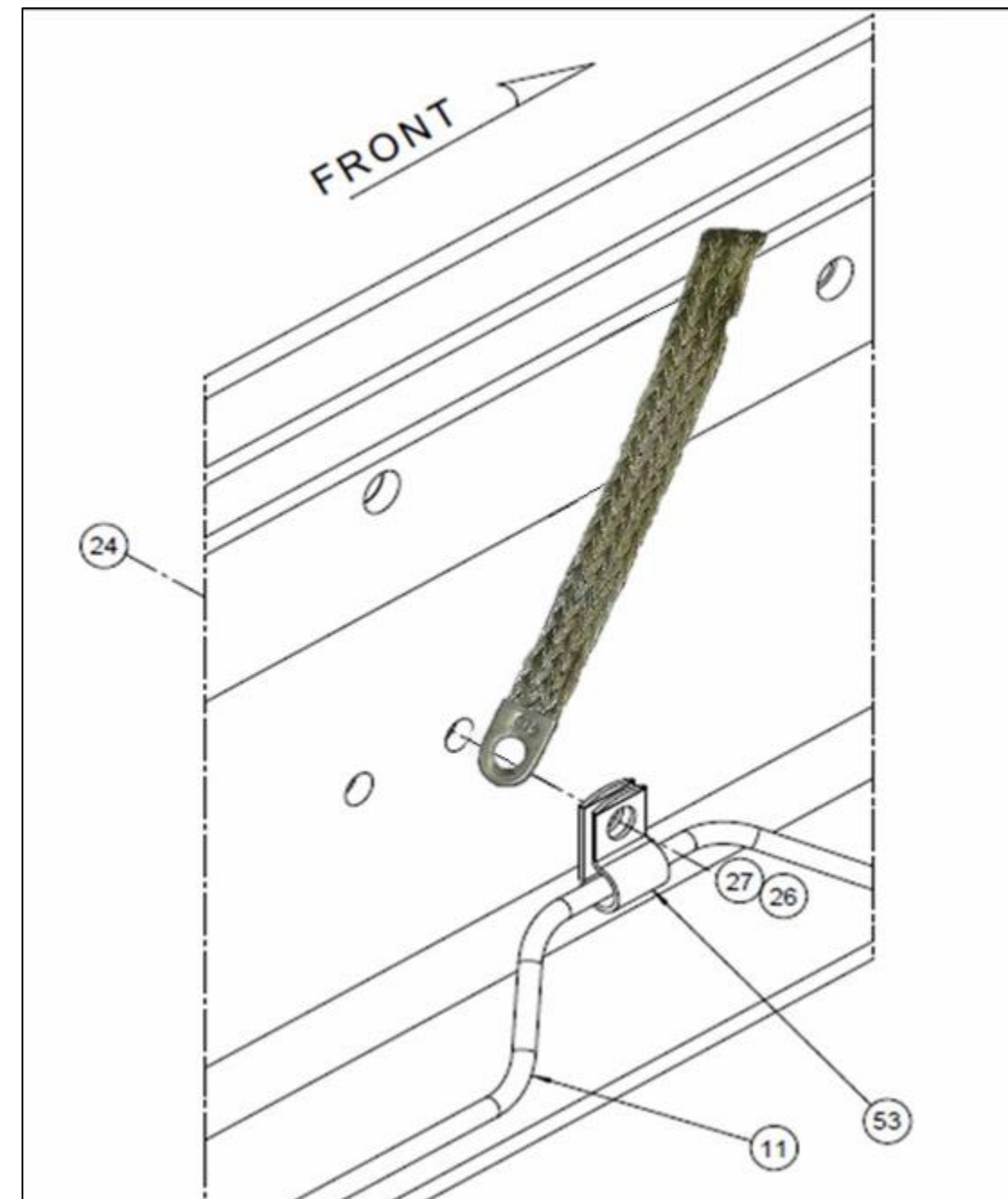


Illustration 1



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Instructions: Repair A *(continued)*

- Install new locknut (Item 24) onto the capscrew on the outside of the frame rail.
- While ensuring the ground strap and P-Clamp are properly positioned, tighten the lock nut and torque to 30 ft-lbs.

*IMPORTANT: The stack of components is critical. Proper sequence is frame, ground strap then P-Clamp
Do not install P-Clamp between frame and ground strap.*

- Perform a visual inspection to ensure the hydraulic line is not rubbing any components. This includes items such as the chassis frame, mounting brackets, fuel, air or electrical lines/harnesses.

Instructions: Repair B

- Repair B includes the replacement of the hydraulic line (if required) in addition to Repair A .