



Condition: Stepwell battery harnesses may chafe or make contact with battery box or closeout.

Customer: Multiple

Applies To: Aeromaster on the Ford F59 chassis manufactured between January 2020 and June 2021. Contact Utilimaster Warranty Department to verify chassis VIN.

Correction: Secure battery cable and cover exposed edges of battery box.

Authorized to Perform the Work:

- Customer or customer contractor
- Utilimaster or Utilimaster contractor

Labor allowance for inspection only up to: 0.10 hours

Inspection Only Job Op Code: 02-06-AL-86-RW

Labor allowance for inspection and repair up to: 0.25 hours

Inspection and Repair Job Op Code: 02-06-AM-79-RW

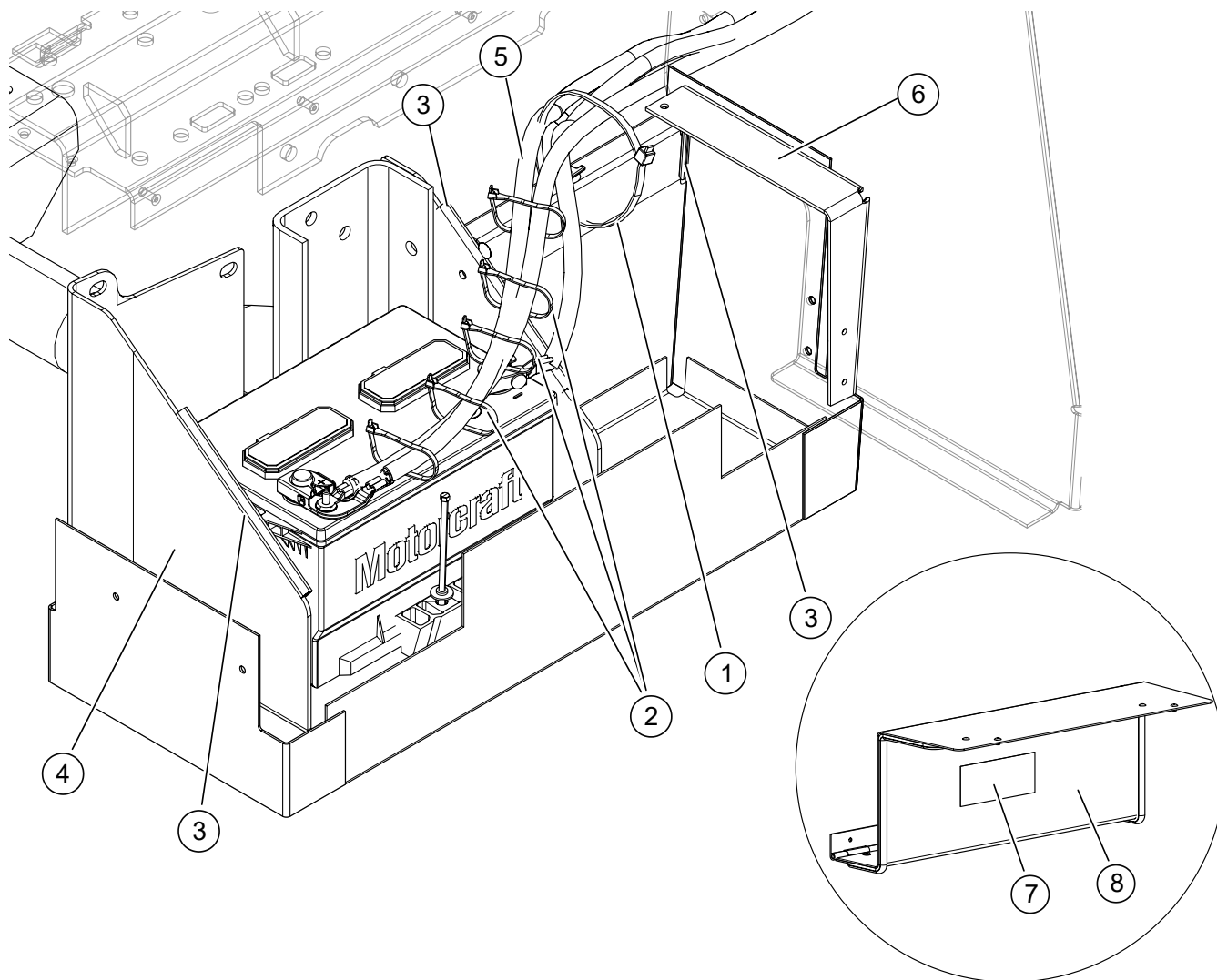
Tools and Supplies Required:

In addition to standard shop tools this job also requires:

- Electrical tape

Technical Service Bulletins are intended for use by Professional Technicians only. They are written to guide Professional Technicians in performing service to vehicles of product specific nature in conjunction with industry standards. Professional Technicians are appropriately trained on industry standards and have the tools and equipment to perform procedures safely and properly.

Parts Required:



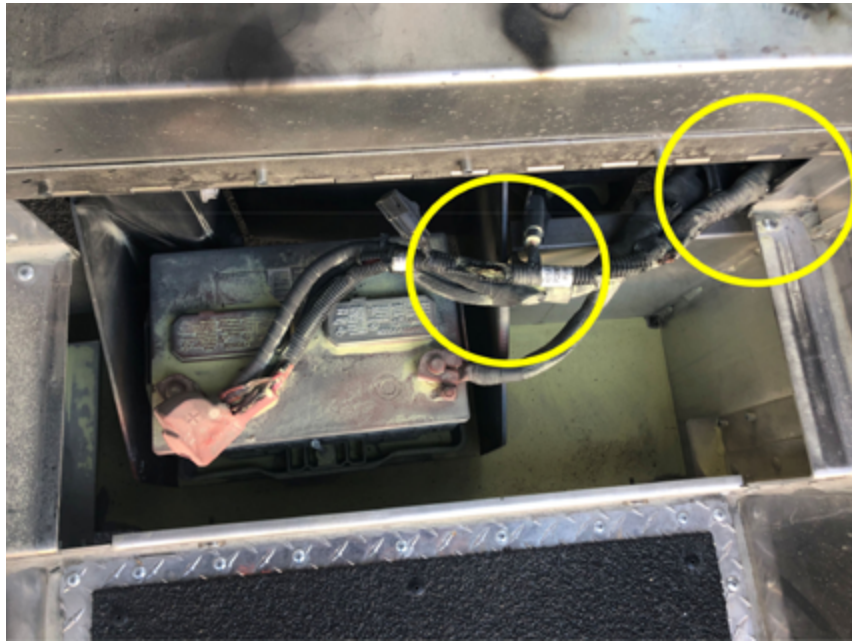
BOM ID	Part Number	Description	Qty.
0	51233002SK	KIT BATTERY BOX CLOSEOUT	
1	16516302	STRAP CABLE TIE 15.25" W/FIR TREE	1
2	16606302	TIE STRAP BLACK	8
3	05705750	TRIM-LOK	2 FT
4	REFERENCE	BATTERY BOX	
5	REFERENCE	BATTERY CABLE	
6	REFERENCE	BATTERY BOX CLOSEOUT	
7	12302300	TAPE VINYL MASTIC 10' ROLL	1
8	REFERENCE	LID BATTERY BOX	
NS	16517376-00375	CONDUIT SPLIT CONVTD POLYPROP 3/8"	2 FT
NS	03104479	DECAL SERVICED JOB CODE	1
NS	03102245-N011EN	BATTERY ROUTING INSTRUCTIONS	1

CAUTION

Always wear safety glasses and other proper protective equipment (gloves, hearing protection, etc.) as appropriate to the process.

Inspection:

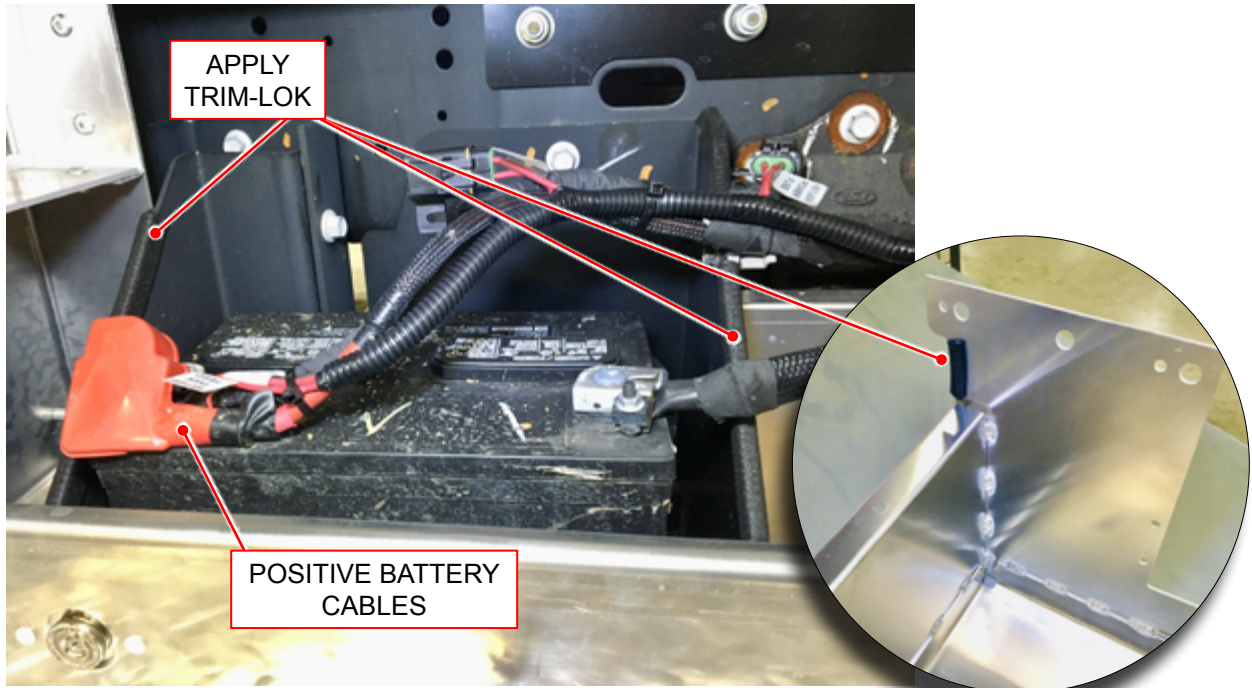
1. Read and understand all the instructions before starting the repair.
2. Open the battery lid at the stepwell.
3. Inspect the **Positive (Red)** and **Negative (Black)** battery and all other harnesses for contact with the battery box or the stepwell closeout.
4. If the harness conduit does NOT show signs of contact with the stepwell lid, no further repair is necessary.
5. If the harness conduit shows signs of abrasion, the wiring is exposed, or the harnesses are making contact with the stepwell lid, proceed with repair.



Battery box harness inspection points

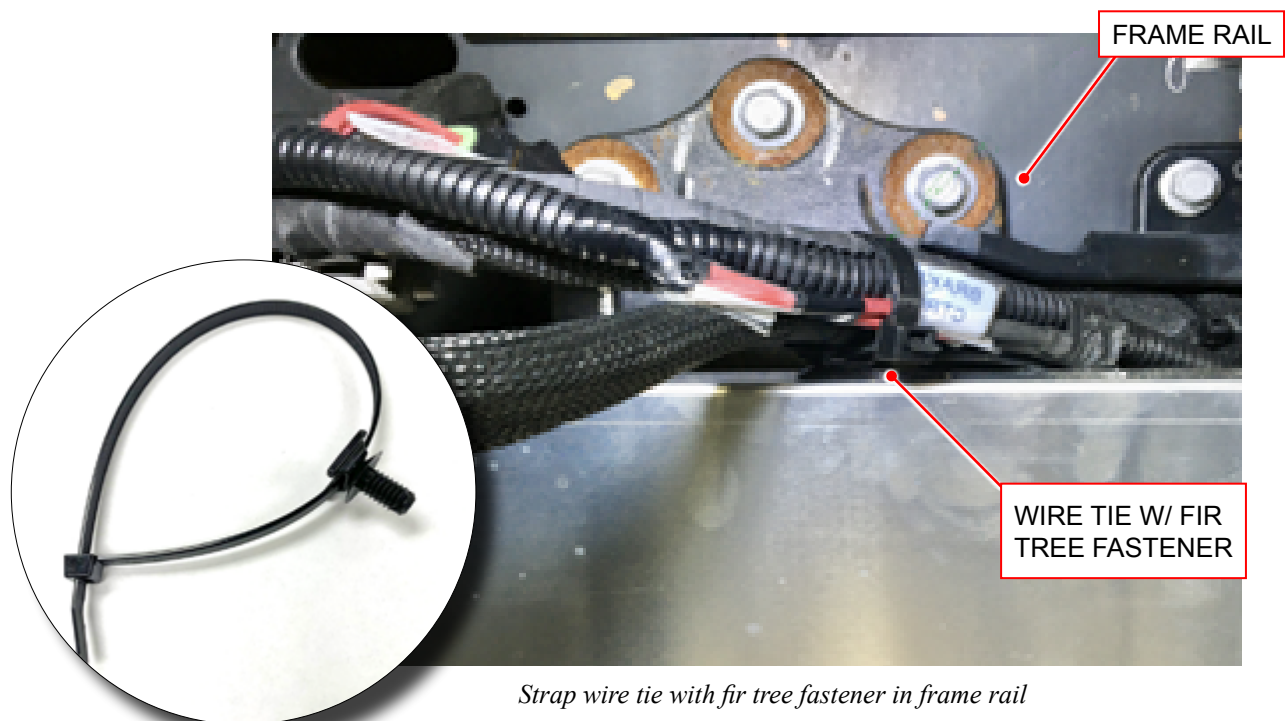
Procedure:

1. Replace worn or damaged conduit on wire harnesses. Seal with electrical tape. If wires are exposed, wrap wires with electrical tape, then replace harness conduit.
2. Apply a strip of Trim-Lok to cover front and rear edges of the battery box and the RH edge of the battery box closeout.



Trim-Lok on battery box and battery box closeout

3. Secure wire tie strap with fir tree into pre-punched hole at the top of closeout.



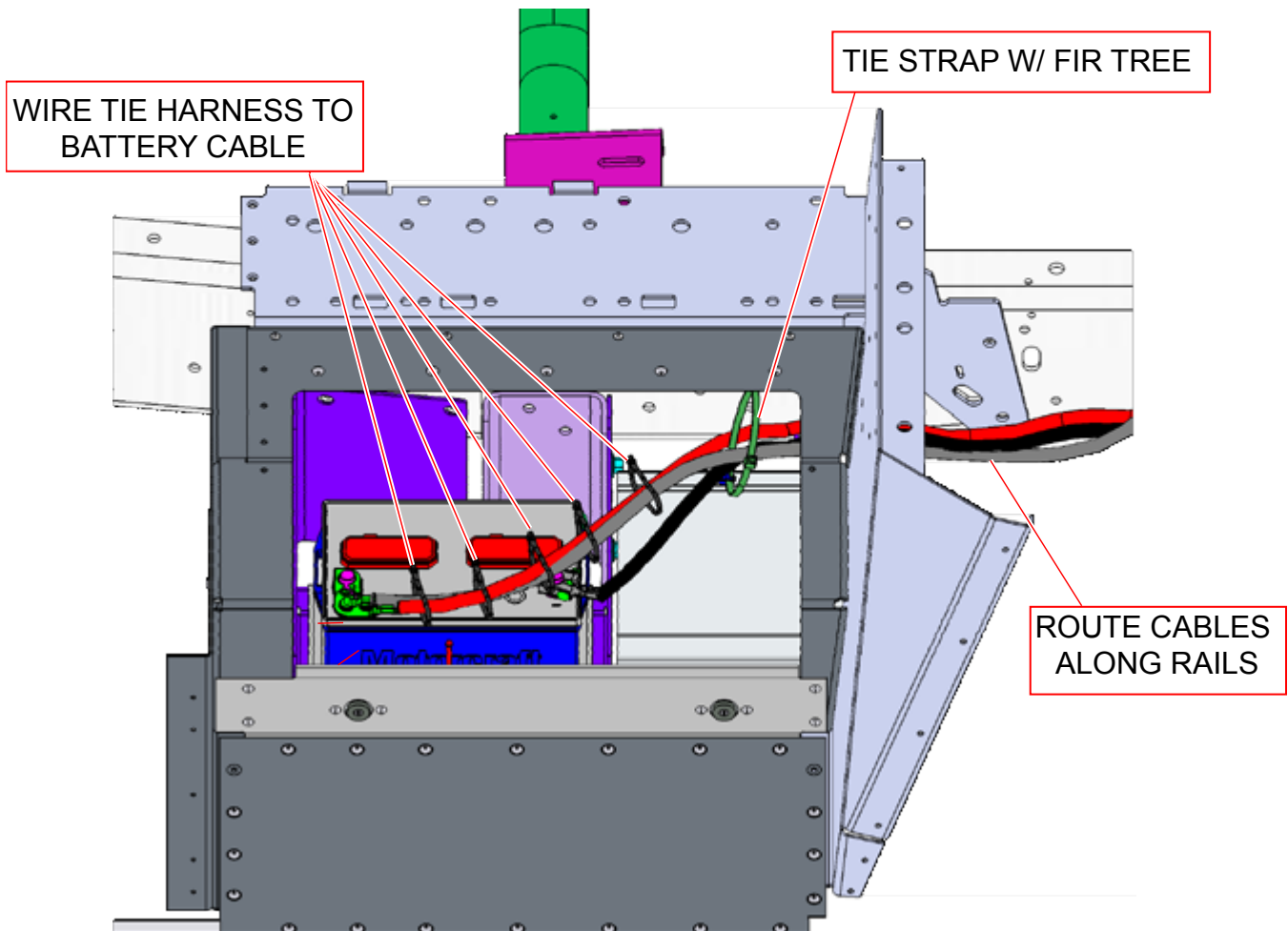
Strap wire tie with fir tree fastener in frame rail

CAUTION

Be sure harnesses are routed along the battery cables and do NOT lay on top of positive battery cable.

Do not allow cables to hang below frame rails.

4. Wire tie all harnesses to the **Positive (Red)** battery cable(s).
5. Secure wire tie with fir tree fastener around **Positive (Red)** and **Negative (Black)** cables and route all harnesses along the frame rails.



6. Place (2) 4-inch long pieces of vinyl mastic tape on underside of step approximately 3 inches from forward side of the battery step cover.



Vinyl tape applied to underside of the stepwell lid

7. Record the Job Code from this document to complete the SERVICED decal.
8. Adhere the decal to the upper right-hand corner of the driver's door pocket panel or sidewall next to the bulkhead wall. Do NOT cover any previously applied decals.



Service decal on driver's door pocket (cargo side)

Contact Utilimaster to Order Parts and File Warranty

Email: FVSWarranty@Utilimaster.com

Phone: 800-237-7806

Mail or Express Service:

Fax: 574-848-2800

Utilimaster

Attn: Warranty Dept.

603 Earthway Blvd.

Bristol, IN 46507 USA

This material is confidential and the property of The Shyft Group, Inc. (Shyft) It is shared with your company for the sole purpose of helping you with the operation of the described equipment. Shyft makes no warranty of any kind with regard to this material, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Shyft shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance, or use of this material. Shyft expressly disclaims all responsibility and liability for the installation, use, performance, maintenance, and support of third-party products. Customers are advised to make their independent evaluation of such products. No part of this document may be photocopied, reproduced, or translated to another language without the prior written consent. All products or name brands mentioned in this document are trademarks of their respective owners.