

Service Bulletin

Hub Grease Inspection and Replacement Instructions



SAF-HOLLAND® Axles with ConMet PSP Drum Brake Hubs

December 2021

Introduction

Certain SAF-HOLLAND axle hub assemblies manufactured between December 15, 2020 and November 15, 2021 may have omitted the required amount of grease inside for the hub.

Record all available trailer information, including customer vehicle unit ID, full VIN, axle S/N and date of inspection. For your convenience, **Table 2** (refer to page 3) is provided to record all the information needed to facilitate the labor reimbursement. This information is required to release the trailer and receive reimbursement.

For this inspection, SAF-HOLLAND has agreed to cover labor hours per **Table 1** (refer to page 2). Once the procedure is complete, you will need to supply the Customer vehicle unit ID, trailer VIN number, axle serial number and date of inspection for labor reimbursement to SAF-Holland Warranty service@safholland.com or (800)767-6967 and reference XL-AS20117SB-en-US. We apologize for any inconvenience this may cause; SAF-HOLLAND is committed to serving our customers with quality products.

Use only SAF-HOLLAND Original Parts to service the SAF-HOLLAND axle. A list of technical support locations that supply SAF-HOLLAND Original Parts and an Aftermarket Parts Catalog are available on the internet at www.safholland.us or contact Customer Service at 888-396-6501.

Notes, Cautions and Warnings

Before starting any work on the unit, read and understand all the safety procedures presented in this manual. This manual contains the terms "NOTE", "IMPORTANT", "CAUTION", and "WARNING" followed by important product information. These terms are defined as follows:

NOTE: Includes additional information to enable accurate and easy performance of procedures.

IMPORTANT: Includes additional information that if not followed could lead to hindered product performance.

CAUTION

Used without the safety alert symbol, indicates a potentially hazardous situation which, if not avoided, could result in property damage.

⚠ CAUTION

Indicates a potentially hazardous situation which, if not avoided, could result in minor or moderate injury.

⚠ WARNING

Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

1. General Safety Instructions

- Read and observe all Warning and Caution hazard alert messages in this publication. They provide information that can help prevent serious personal injury, damage to components, or both.

⚠ WARNING

Failure to follow the instructions and safety precautions in this manual could result in improper servicing or operation leading to component failure which, if not avoided, could result in death or serious injury.

- All installation should be performed by a properly trained technician using proper/special tools, and safe procedures.

NOTE: In the United States, workshop safety requirements are defined by federal and/or state Occupational Safety and Health Act (OSHA). Equivalent laws could exist in other countries. This manual is written based on the assumption that OSHA or other applicable employee safety regulations are followed by the location where work is performed.

- Properly support and secure the vehicle and axles from unexpected movement when servicing the unit.

⚠ WARNING

Failure to properly support the vehicle and axles prior to commencing work could create a crush hazard which, if not avoided, could result in death or serious injury.

- If possible, unload the trailer before performing any service procedures.

2. Identifying Units Without Proper Grease

1. Orientate hub so that the fill port is located at the 12 o'clock position.
2. Remove fill plug and insert a clean dip-stick of 8" minimum at an angle until it makes contact with the side of the hub (**Figure 1**).
3. Remove dip stick and check amount of grease. There should be 3.0" minimum on the stick (**Figure 2**).
4. If the proper amount is present reinstall fill-plug (20-25 ft-lbs).
5. Mark the hub at the fill-plug with a green paint mark (**Figure 3**).
6. If the proper amount is not present proceed to Section 3.

Figure 1



Figure 2



3a. Units Without Proper Grease - 0 Mileage / at OEM

1. Add proper amount of Mobilith 007 semi-fluid grease (35 oz) to the hub.
2. Reinstall fill-plug (20-25 ft-lbs).

3b. Units Without Proper Grease - Field/Inservice

1. Tear down wheel end, clean and inspect bearing journals, and threads.
2. If spindle is in good condition replace with new wheel end following ConMet installation procedure 10084844.
3. Mark the hub at the fill-plug with a green paint mark (**Figure 3**).
4. If spindle is deemed not satisfactory replace both axle (refer to section 4) and wheel end.
5. Mark the hub at the fill-plug with a green paint mark (**Figure 3**).

Figure 3



4. Axle Replacement

1. Disconnect brake chambers/lines from axle.
2. Remove torque arm bolt from spring-seat (axle).
3. Remove spring retaining bolts.
4. Remove axle from slider.
5. Remove springs and install on new axle, refer to XL-MS175 Section 6 for instructions. Use new hardware for spring installation.
6. Place axle under slider and reinstall torque arm bolts and spring retaining bolts, refer to XL-MS175 Section 6 for instructions.

Table 1

Action	Time Allowance	Unit
Inspect Hub	30 minutes	Per Trailer
Fill Hub	30 minutes	Per Axle
Replace Hub	1.5 Hours	Per Hub
Replace Axle	3.5 Hours	Per Axle



From fifth wheel rebuild kits to suspension bushing repair kits, SAF-HOLLAND Original Parts are the same quality components used in the original component assembly.

SAF-HOLLAND Original Parts are tested and designed to provide maximum performance and durability. Will-fits, look-alikes or, worse yet, counterfeit parts will only limit the performance potential and could possibly void SAF-HOLLAND's warranty. Always be sure to spec SAF-HOLLAND Original Parts when servicing your SAF-HOLLAND product.

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