Replacement Manual
RK-10513 Handle Replacement Kit

FW35 and FW31 Dolly Release Handles

Introduction
This manual provides the information necessary to properly replace the release handle on models FW35XXXXXL28, FW35-XXXXXL28, FW35-XXXXXXL28 (XA-351-A-28-L), and FW31XXXXXL28, FW31-XXXXXL28, FW31-XXXXXXL28 (XA-311-A-28-L) fifth wheels only.

NOTE: For Holland Fifth Wheel replacement components contact SAF-HOLLAND Customer Service at 888-396-6501.

Warranty
Refer to the complete warranty for the country in which the product will be used. A copy of the written warranty was included with the fifth wheel and can also be found on the SAF-HOLLAND website (www.safholland.us).

Notes, Cautions, and Warnings
You must read and understand all of the procedures presented in this manual before starting work on any Holland fifth wheel.

NOTE: In the United States, workshop safety requirements are defined by federal and/or state Occupational Safety and Health Act. Equivalent laws may 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.

IMPORTANT: Read this manual before using this product. Keep this manual in a safe location for future reference.

WARNING Failure to follow all the repair procedures contained in this manual could cause a hazardous condition to develop which, if not avoided, could result in death or serious injury.

Proper tools must be used to perform the rebuild procedures described in this manual.

Throughout this manual, you will notice the terms “NOTE”, “IMPORTANT”, “CAUTION”, and “WARNING”, followed by useful product information. So that you may better understand the manual, those terms are 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. Model Identification

This manual contains the installation procedures for SAF-HOLLAND replacement kit RK-10513. Before replacement, verify that you have the correct replacement kit for the fifth wheel top plate you are attempting to repair.

Fifth wheel identification tags are located on the left side of the fifth wheel top plate above the fifth wheel bracket pin, or on the pickup ramps. The model number and serial number are listed on the tag as indicated (Figure 1).

2. 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.

All fifth wheel repair and maintenance must be performed by a trained technician using proper tools and safe procedures.

NOTE: Before repairing your Holland Fifth Wheel review the model number on the identification tag. These replacement procedures apply to models FW35XXXXXL28, FW35-XXXXXL28, FW35-XXXXXXL28 (XA-351-A-28-L), and FW31XXXXXL28, FW31-XXXXXL28, FW31-XXXXXXL28 (XA-311-A-28-L) fifth wheels only.

IMPORTANT: These replacement procedures apply to models FW35XXXXXL28, FW35-XXXXXL28, FW35-XXXXXXL28 (XA-351-A-28-L), and FW31XXXXXL28, FW31-XXXXXL28, FW31-XXXXXXL28 (XA-311-A-28-L) fifth wheels only. Refer to your SAF-HOLLAND fifth wheel Owner’s Manual for other important checks, inspections, and procedures not listed that are necessary, prudent, and/or required by law.

WARNING: Failure to properly repair and install the fifth wheel could adversely affect performance resulting in tractor trailer separation which, if not avoided, could result in death or serious injury.
Kit Contents

We recommend only the use of SAF-HOLLAND Original Parts.

A list of SAF-HOLLAND technical support locations to supply SAF-HOLLAND Original Parts can be found at www.safholland.us or contact our customer service group at 888-396-6501.

Updates to this manual will be published as necessary on the Internet at www.safholland.us.

3. RK-10513 Kit Contents (Figure 2)

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
<th>PART NUMBER</th>
<th>QTY.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Release Handle Sub-Assembly</td>
<td>XA-10513-A</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>Washer, 1/2&quot;</td>
<td>XB-PW-1732-1-116</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>Lock Nut, 1/2-20&quot;</td>
<td>XB-T-69-A</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>Hex Head Cap Screw, 1/2&quot;-20 x 1-3/4&quot;</td>
<td>XB-2083</td>
<td>1</td>
</tr>
</tbody>
</table>

Figure 2
4. Top Plate Removal

1. Clean off excessive grease, grime, and dirt from top plate.
2. Remove bracket pin retention bolt and nut from both sides of fifth wheel top plate (*Figure 3*).
   
   **NOTE:** Set aside and retain the retention bolts and nuts for re-use later in this procedure.

3. Using a pry bar, pull bracket retention pins out of fifth wheel top plate (*Figure 3*).

4. Using a lifting device capable of lifting 500 lbs. (227 kg), remove top plate from mounting base. Place fifth wheel upside down on a flat, clean working area.

   **NOTE:** Follow instructions published by lifting device manufacturer for proper operation of lifting device.
5. Replacement Procedures

1. Unbolt and discard nut, bolt and washer from mounting plate.

2. Remove existing release handle from the top plate. Discard all release handle parts.

3. Insert the “S” bend leg of the new release handle subassembly through the bottom hole in the cam plate (Figure 4).

4. Bolt the mounting plate (attached to the handle) to the hole in the casting top plate rib using the 1/2”-20 x 1-3/4” bolt, 1/2” washer, and 1/2”-20 lock nut (Figure 5). Be sure to attach the plate to the “inside” of the rib of the casting, and that the 1/2” washer is on the head end of the bolt (Figure 5).

**WARNING** Failure to properly install lock nut and bolt in mounting plate and handle could result in tractor trailer separation which, if not avoided, could result in death or serious injury.

5. Flip the fifth wheel over.
6. Operation Check

Verify the proper operation of the fifth wheel by locking and unlocking the fifth wheel using a SAF-HOLLAND Kingpin Lock Tester TF-TLN-5001 (Figure 6).

1. Pull the fifth wheel release handle out to unlock (Figure 6).
2. Set the lock tester tool on the fifth wheel (Figure 6).
3. Rotate the handle of the lock tester tool forward to lock the fifth wheel (Figure 6).
4. Push down and rotate the "J" hook of the lock tester tool under the front skirt of the fifth wheel top plate (Figure 7).
5. Pull the fifth wheel release handle out.
6. Grasp the lock tester tool handle with both hands and unlock the fifth wheel with a quick snap rearward (Figure 8).
7. Unhook the "J" hook from under the front skirt of the fifth wheel to remove the lock tester tool.

**IMPORTANT:** Before using your fifth wheel, visually inspect all components of fifth wheel for proper operation while coupling and uncoupling fifth wheel with lock tester.

**IMPORTANT:** DO NOT use any fifth wheel which does not operate properly.

**WARNING** Failure to repair an improperly operating fifth wheel could result in tractor trailer separation which, if not avoided, could result in serious injury or death.

After a minimum of two (2) successful operational checks, your fifth wheel is ready for installation and return to operation.
Top Plate Installation

7. Top Plate Installation

1. Using a lifting device capable of lifting 500 lbs. (227 kg), install fifth wheel top plate onto its mounting base.

   NOTE: Follow instructions published by lifting device manufacturer for proper operation of lifting device.

2. Install bracket pins through fifth wheel casting and mounting base and secure by installing the bracket pins retention bolts and nuts (Figure 9). Torque retention bolts to 50-60 ft.-lbs. (68-81 N•m).

   WARNING: Failure to properly install retention bolts and nuts could result in tractor trailer separation which, if not avoided, could result in death or serious injury.
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.