

# Installation Instructions

## HOLLAND® Severe-Duty 96" and 120" Travel Sliders



### FW35 and FW70 Outboard Bolt-Together Severe-Duty Sliders and Sliding Kompensators

#### Introduction

These instructions provide the necessary information to properly install the 96" and 120" travel HOLLAND FW35 and FW70 outboard bolt-together Severe-Duty Sliders and sliding Kompensators®.

**NOTE:** A list of SAF-HOLLAND® technical support locations that supply SAF-HOLLAND® Original Parts can be found on our website at [www.safholland.us](http://www.safholland.us) or contact our customer service group at 888-396-6501.

**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. These instructions are written based on the assumption that OSHA and other applicable employee safety regulations are followed by the location where work is performed.

#### 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.

#### General Safety Instructions

**IMPORTANT:** You MUST read and understand all of the procedures presented in this manual before starting the process of installing a HOLLAND fifth wheel.

**IMPORTANT:** All fifth wheel installation MUST be performed by a qualified technician using proper tools and safety procedures.

**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.

#### WARNING

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

**IMPORTANT:** Prior to operation of the fifth wheel, you must be thoroughly satisfied that the fifth wheel has been properly installed on the vehicle.

#### WARNING

Failure to properly install the fifth wheel could result in tractor-trailer separation which, if not avoided, could result in death or serious injury.

## Installation Procedures

1. Install the front section of the slider base onto the tractor. Torque all mounting bolts anchoring the slider base to the angles on the frame rails (**Figure 1**).
2. Position the rear section of the slider base (including the fifth wheel top plate and bracket assembly) onto the angles/frame rails (**Figure 2**). Install all mounting hardware loosely to tentatively align the slider base. Do NOT yet tighten the bolts.
3. Place the alignment tool (HOLLAND Part No. RK-12229, available from a local HOLLAND distributor) into position by centering both plungers at the joint between the two slider bases (**Figure 3**).
4. Release air from the tool air cylinder slowly to push the plungers into the rack teeth on each side. This will ensure correct spacing between both halves of the slider bases, allowing proper engagement in this position (**Figure 3**).

**IMPORTANT:** To ensure proper engagement of the tool, the plates welded underneath both plungers **MUST** slip under the rack teeth.

Figure 1

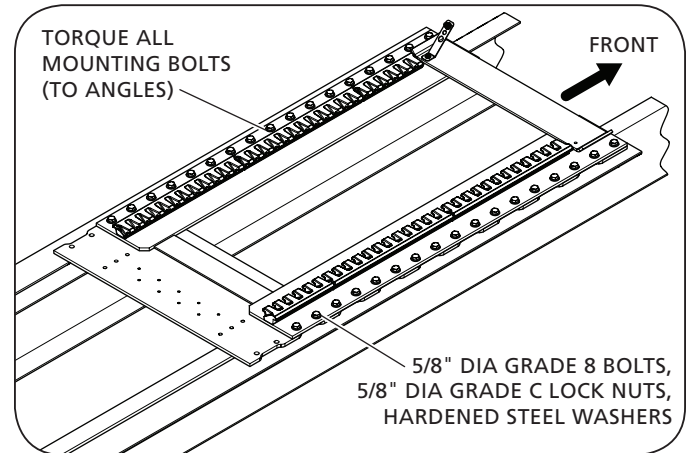


Figure 2

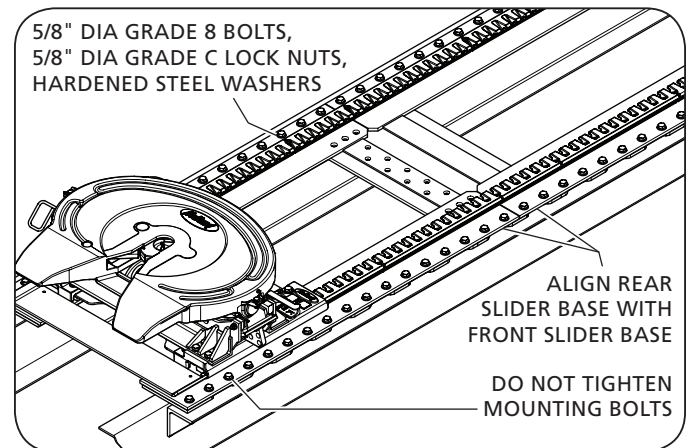
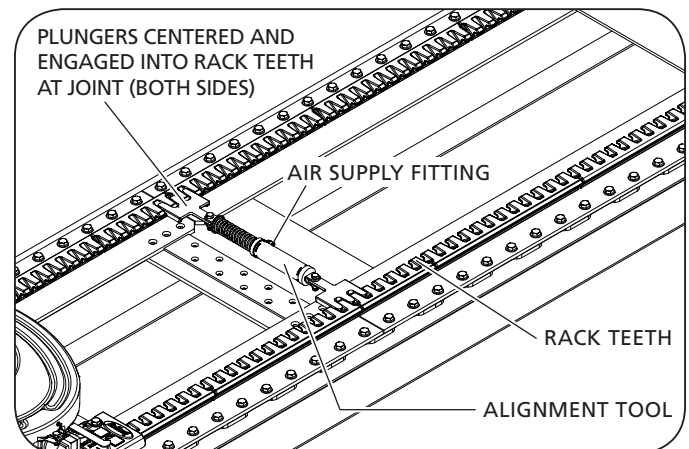
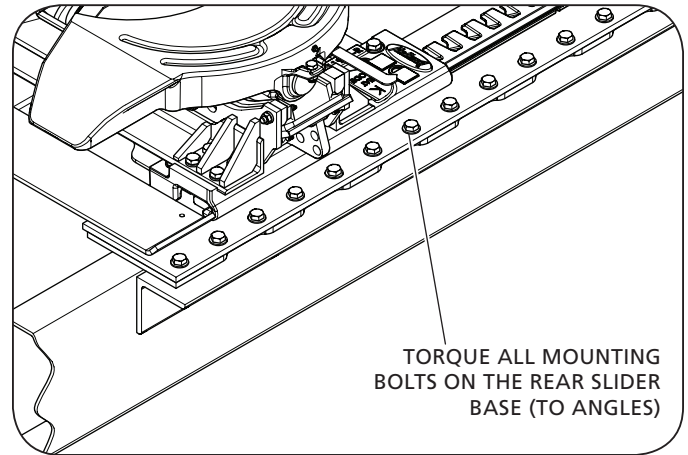


Figure 3

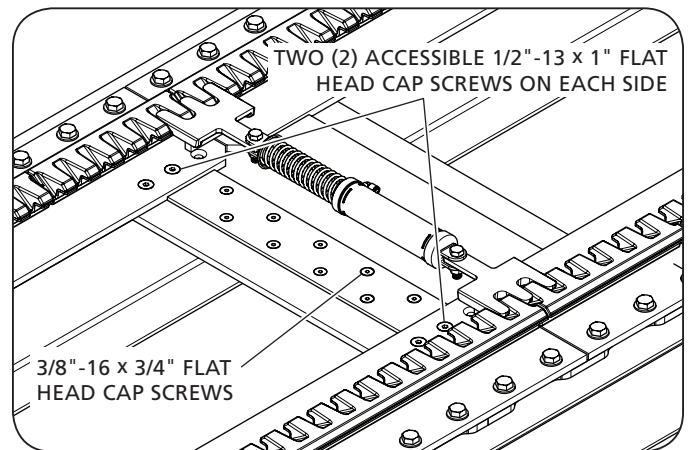


5. With the alignment tool in place and the rack sections parallel to each other (on both sides), clamp the rear slider base into position and torque all mounting bolts on each side of the slider (**Figure 4**).
6. To connect both sections of the slider base, install flat head socket cap screws into the holes that are accessible while the alignment tool is still in place (**Figure 5**). Torque the four (4) accessible 1/2"-13 x 1" flat head socket cap screws to 180-220 in.-lbs. (20-25 N•m) and the nine (9) 3/8"-16 x 3/4" flat head socket cap screws to 80-110 in.-lbs. (9-12 N•m).
7. Remove the alignment tool by applying air to the cylinder and install the final two (2) 1/2"-13 x 1" flat head socket cap screws (**Figure 6**). Torque to 180-220 in.-lbs. (20-25 N•m).
8. For a final check, place a straight edge along the outer edge of the racks. The racks should be perfectly parallel if correctly installed.

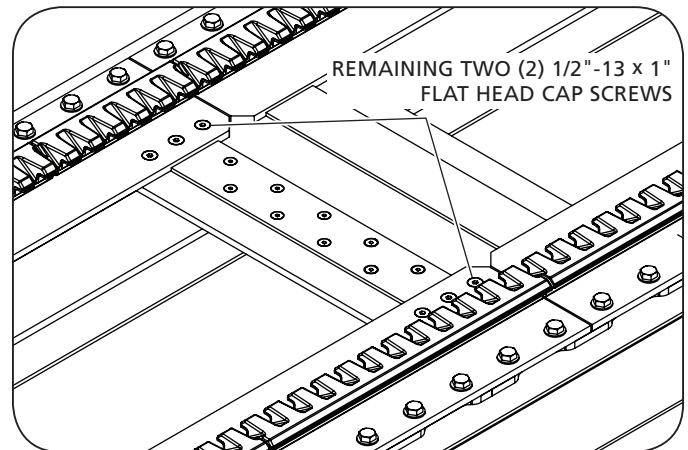
**Figure 4**



**Figure 5**



**Figure 6**





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 specify SAF-HOLLAND Original Parts when servicing your SAF-HOLLAND product.

**SAF-HOLLAND USA • 888.396.6501 • Fax 800.356.3929**  
[www.safholland.us](http://www.safholland.us)

**SAF-HOLLAND CANADA • 519.537.3494 • Fax 800.565.7753**  
**WESTERN CANADA • 604.574.7491 • Fax 604.574.0244**  
[www.safholland.ca](http://www.safholland.ca)

**SAF-HOLLAND MEXICO • 52.1.55.5456.8641 • Fax 52.55.58162230**  
[www.safholland.com.mx](http://www.safholland.com.mx)

[info@safholland.com](mailto:info@safholland.com)