

## IMPORTANT SAFETY INFORMATION

### READ BEFORE INSTALLING OR USING MINIMIZER SLICK PLATE

#### SAFETY INSTRUCTIONS FOR INSTALLATION:

- Use only with the specified 5th wheel plate make and model.
- Carefully follow each of the installation instructions for Minimizer Slick Plate on the following pages.
- When using power tools, basic safety precautions should always be taken to reduce the risk of injury.

**WARNING:** DO NOT use a Trailer Slick Plate or Slick Disk in conjunction with the Minimizer Slick Plate. The installation of a Minimizer Slick Plate adds 1/4" to the height of the top plate. Verify that this does not affect the fit or function of the 5th wheel to king pin connection.

If you have questions about these instructions or proper installation of your Minimizer Trailer Slick Plate, please contact Minimizer at (800) 248-3855.

Minimizer Slick Plates are specifically designed for certain 5th wheel plates and may be used safely only with those models. Verify that the make and model of the 5th wheel plate on which you are installing the slick plate is identified on the label as being compatible with the Minimizer Slick Plate you have selected.

#### TOOLS RECOMMENDED FOR INSTALLATION:

- 1/4" Socket or Wrench
- Ratchet if using sockets
- 3/16" Hew Wrench
- Drill
- Center Punch or Centering tool
- 9/16" Socket or Wrench
- 3/8" Drill Bit
- 7/16" Drill Bit
- Safety Glasses/Goggles
- Marker

#### INSTALLATION PROCEDURE:

1. Degrease the 5th Wheel and Trailer Upper Coupler Plate with solvent or steam clean to remove grease. **(See Figure 1)**
  - a. If steam cleaning, allow plate to dry or remove excess moisture with a rag.
2. Position the Slick Plate for installation on the 5th wheel plate. Measure to make sure the Slick Plate is centered properly. **(See Figure 2)**
3. Mark the position of each hole using the Slick Plate as a template. **(See Figure 3)**
4. Remove the Slick Plate and drill through the 5th wheel plate at the marked locations using a 7/16" drill bit. **(See Figure 4)**

FIGURE 1



FIGURE 2



FIGURE 3



FIGURE 4



5. After removing the debris, fasten the Slick Plate to the 5th wheel plate using the supplied hardware. **(See Figure 5)**
  - a. Recommended torque for the 3/8"-16 X 1-1/2" Slick Plate Flush Mount Bolts is 19 ft. lbs.
6. Position the steel Ram Bars in the pockets of the Slick Plate. Mark the position of the holes on the Slick Plate using the Ram Bars as a template. **(See Figure 6)**
7. Remove the Ram Bars and drill through the Slick Plate and 5th wheel plate at the marked locations using a 3/8" drill bit. **(See Figure 7)**
8. After removing the debris, fasten the Ram Bars to the Slick Plate and 5th wheel using the supplied hardware. **(See Figure 8)**
  - a. Recommended torque for the 5/16"-18 X 1-1/2" Ram Bar Flush Mount Bolts is 19 ft. lbs.

**NOTE:** 2017 Holland FW35 kit (10004463) requires two longer bolts in the center at 3 and 9 o'clock. These are included in the hardware kit. The longer bolts can be used in place of the shorter bolts even when longer ones are not needed.

### **OPERATION:**

- Make sure the trailer is not equipped with any other slick product. The use of both systems may result in failed jaw engagement with the king pin causing system failure.
- While hooking to the trailer, it is required to back up parallel to the trailer and ensure that the trailer is at the correct height to prevent damage to the Slick Plate.
- After hooking the trailer and prior to tractor/trailer operation, ensure that the locking jaws on the 5th wheel are fully engaged and the trailer king pin is locked into position.

### **MAINTENANCE:**

- DO NOT GREASE THE 5TH WHEEL. For best performance and longevity, it is recommended to keep the Slick Plate clean and dry.
- Remove grease from the contact surface of the 5th wheel prior to hooking up.
- Periodically check bolts/nuts/screws and retighten if necessary.
- Continue to follow 5th wheel manufacturer's lubrication and maintenance recommendations for the locking mechanism and king pin.

### **WARRANTY:**

Minimizer Slick Plates are backed by a 5 Year Manufacturer's Warranty and are guaranteed against flaws due to faulty materials and/or unintended production variations. This warranty extends only to the original purchaser and excludes damage caused by abnormal use or conditions, including but not limited to extreme abrasive conditions and/or excessive exposure to chemicals such as grease, gasoline, and other fuels.

**FIGURE 5**



**FIGURE 6**



**FIGURE 7**



**FIGURE 8**



A DIVISION OF **HIGH BAR BRANDS, LLC**



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