

## WARRANTY

Minimizer Slick Plates are backed by a Lifetime 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 bleach, gasoline and other fuels.



MINIMIZER PRODUCTS

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DAILY BY TRUCKERS FOR TRUCKERS

Headquartered in Blooming Prairie, Minnesota, USA, Minimizer manufactures poly truck fenders, poly toolboxes, customized mud flaps, floor mats, and bracket kits. Family owned and operated for nearly 3 generations, Minimizer parent company Spray Control Systems, Inc., was founded in 1983. Minimizer aims to provide products tough enough to please tough people in a tough industry. All Minimizer products are made in the USA.



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# LOSE THE GREASE!

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## IMPORTANT SAFETY INFORMATION READ BEFORE INSTALLING OR USING MINIMIZER SLICK PLATE

### Safety Instructions for Installation

- Use only with the specified fifth 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.

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

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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:**

- Safety Glasses/Goggles
- 3/8" Drill Bit
- 7/16" Drill Bit
- Drill
- 1/4" Socket or Wrench
- 9/16" Socket or Wrench
- Ratchet (if using Sockets)
- 3/16" Hex Wrench

### **INSTALLATION PROCEDURE:**

1) Clean fifth wheel plate, removing all grease and debris. (Figure 1)

**Figure 1**



2) Position the Slick Plate for installation on the fifth wheel plate. Measure to make sure Slick Plate is centered properly. (Figure 2)

**Figure 2**



3) Mark the position of each hole using the Slick Plate as a template. (Figure 3)

**Figure 3**



4) Remove the Slick Plate and drill through the fifth wheel plate at the marked locations using a 7/16" drill bit. (Figure 4)

**Figure 4**



5) After removing the debris, fasten the Slick Plate to the fifth wheel plate using the supplied hardware. (Figure 5)

**Figure 5**



**NOTE:** 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. Make sure the top edges of

the Ram Bars sit below the trailer/Slick Plate contact surface as to not interfere with the trailer during operation. Mark the position of the holes on the Slick Plate using the Ram Bars as a template. (Figure 6)

**Figure 6**



7) Remove the Ram Bars, using a 3/8" drill bit drill through the Slick Plate and the fifth wheel plate at the marked locations. (Figure 7)

**Figure 7**



8) After removing all debris, fasten the Ram Bars to the Slick Plate and the fifth wheel plate using the supplied hardware. (Figure 8)

**Figure 8**



**NOTE:** Recommended torque for the 5/16"-18 X 1-1/2" ram bar bolts is 19 Ft.-Lbs.

**NOTE: INSTALLATION OF MINIMIZER SLICK PLATE adds 1/4" to the height of the top plate. Verify that this additional height does not affect fit or function of the fifth wheel/king pin.**

### **OPERATION:**

- Prior to hooking to a trailer, inspect the trailer for damage or burrs and repair if necessary.
- While hooking to a trailer it is required to back square to the trailer and ensure that the trailer is at the correct height to prevent damage to the Poly Cover.
- After hooking to a trailer and prior to tractor/trailer operation, ensure that the locking jaws on the fifth wheel are fully engaged and the trailer king pin is locked into position.

### **MAINTENANCE:**

- **DO NOT GREASE THE FIFTH WHEEL COVER;** for best performance and longevity it is recommended to keep the Poly Cover clean and dry.
- Remove grease from the contact surface of the trailer prior to hooking up.
- Periodically check bolts/nuts and retighten if necessary.
- Continue to follow fifth wheel manufacturer's lubrication and maintenance recommendations for locking mechanism and king pin.

