



Trailer Slick Plate

INSTALLATION INSTRUCTIONS

Minimizer Trailer Slick Plates promote a cleaner environment by removing the need for greasing the trailer coupler plate.

- Reduces wear-5th wheels & Upper Coupler.
- Eliminates the need to grease the upper coupler plate.
- Installs on existing and new trailers.
- Increases steer tire life.
- Easier trailer handling for drivers.
- A strong, self-lubricating solid Polymer plate.
- Designed for frequent hook and drop appl.
- Available in custom sizes predrilled.

“TRAILER SLICK PLATE” (INSTALLATION INSTRUCTIONS)

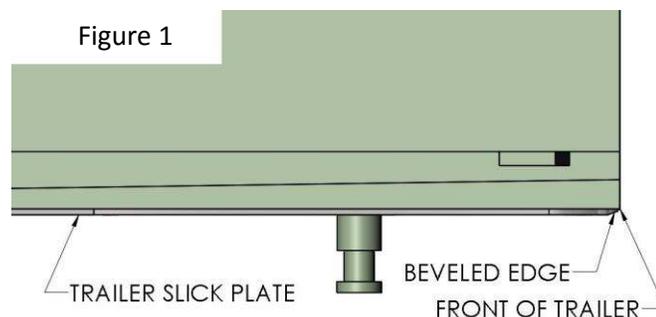
To install your TRAILER SLICK PLATE, you will need the following: marker, screwdriver, center punch or centering tool, drill with 1/8", 17/64" and 9/32" (optional) drill bits, Loctite®, Impact Driver.

1. All kits come with a hardware pack that contains 19 Torx® screws. There will be more than required for your installation. The extra are in case you happen to break a fastener during the installation process.
2. Degrease 5th Wheel and Upper Coupler Plate with solvent, or steam clean to remove grease.

WARNING: Avoid getting water behind Plate when steam cleaning.

WARNING: BE SURE ALL BURRS ARE REMOVED FROM 5TH WHEEL.

3. Place TRAILER SLICK PLATE on the trailer upper coupler plate with beveled edge placed toward the front of trailer. Ensure TRAILER SLICK PLATE is pushed up flat against trailer during installation and is flush to the front of the trailer to 2"



short of the front of the trailer. See Figure 1. **WARNING:** If TRAILER SLICK PLATE extends beyond front of trailer or Upper Plate, DO NOT INSTALL.

4. Mark and install two (2) screws at a time, always working from holes closest to king pin outward. Refer to Figure 2 for pattern.
5. Using the TRAILER SLICK PLATE as a template, mark holes #1 and #2 with a center punch or centering tool. Put a drill mark in the exact center of the hole...always keeping the TRAILER SLICK PLATE flat against trailer.
6. Drill holes #1 and #2 with a 1/8" drill bit. Drill all the way through. Note: If you encounter a beam, you only need to drill as deep as the screw.

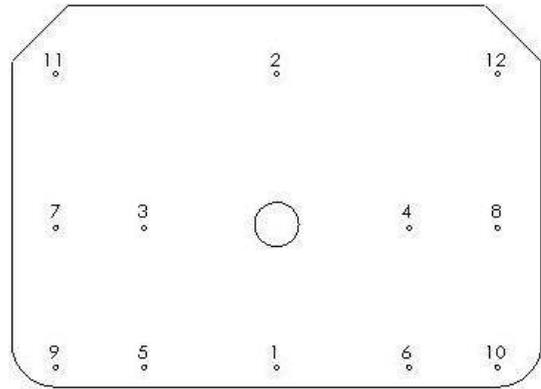


Figure 2

IMPORTANT: WHEN DRILLING, LUBING COMPOUND IS RECOMMENDED.

7. Now drill your #1 and #2 hole with a 17/64" bit. Place a drop of Loctite® only at the base of the screw and use an impact driver to insert Torx® screws provided with the TRAILER SLICK PLATE. Note: If screws are going in tight or breaking, use a 9/32" larger finishing bit. This will usually be necessary for very hard or thick Upper Plates.

SCREWS SHOULD BE COUNTERSUNK AT 1/8" AS SHOWN IN FIGURE 3...NO MORE...NO LESS!

8. Follow same procedures for the rest of the holes as in steps 6 and 7. Be sure to follow pattern in Figure 2. NOTE: Number of holes will vary with the size of the TRAILER SLICK PLATE. Using screws included with your TRAILER SLICK PLATE.
9. If a screw gets broken off and you need to relocate a hole, follow this procedure:
 - Drill 5/16" hole in the TRAILER SLICK PLATE next to broken screw hole.
 - Countersink hole with a standard 82 degree countersink.
 - Install Torx® screw per above procedure. Figure 3.

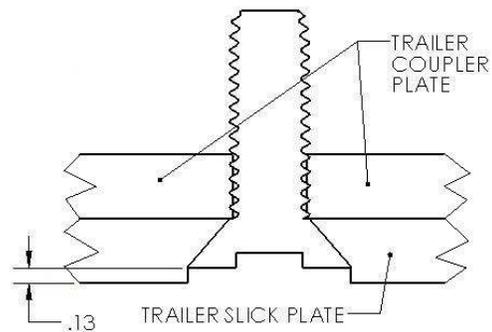


Figure 3

TRAILER SLICK PLATE (CARE INSTRUCTIONS)

1. DO NOT GREASE THE FIFTH WHEEL; for best performance and longevity it is recommended to keep the Poly Cover clean and dry.
2. Make sure the 5th wheel is not equipped with a "slick plate". The use of both systems may result in failed jaw engagement with the king pin resulting in system failure.
WARNING: DO NOT use a 5th Wheel Slick Plate and a Trailer Slick Plate together in the same hook up situation.
3. Remove grease from the contact surface of the 5th wheel prior to hooking up.
4. Always be sure 5th Wheels are deburred before pinning up to TRAILER SLICK PLATE.
5. Periodically check bolts/nuts and retighten if necessary.
6. Continue to follow fifth wheel manufacturer's lubrication and maintenance recommendations for the locking mechanism and king pin.