



FORD F250/F350/F450 (NON-CHASSIS CAB) SD 4 BOLT CUSTOM INSTALLATION BRACKET KIT

Assembly, Installation, Operation,
and Maintenance Instructions

PART
NUMBER 33261

INSTALL
TIME 60
MINUTES

DEALER / INSTALLER

Provide a copy of these instructions to the end user of this product. These instructions provide important operating and safety information for proper usage of this product. Demonstrate the proper use of the product with the end user. Have the end user demonstrate that they understand the proper use of the product.

END USER ⚠ WARNING ⚠

Read and follow all instructions included in this manual. Ask your Dealer/Installer for assistance if you do not understand the proper use of the product. Never remove any decals from the product. Failure to follow these instructions can result in injury or death.

APPLICATION

For use on Ford F250, F350 & F450 (Non-Chassis Cab)

⚠ WARNING ⚠

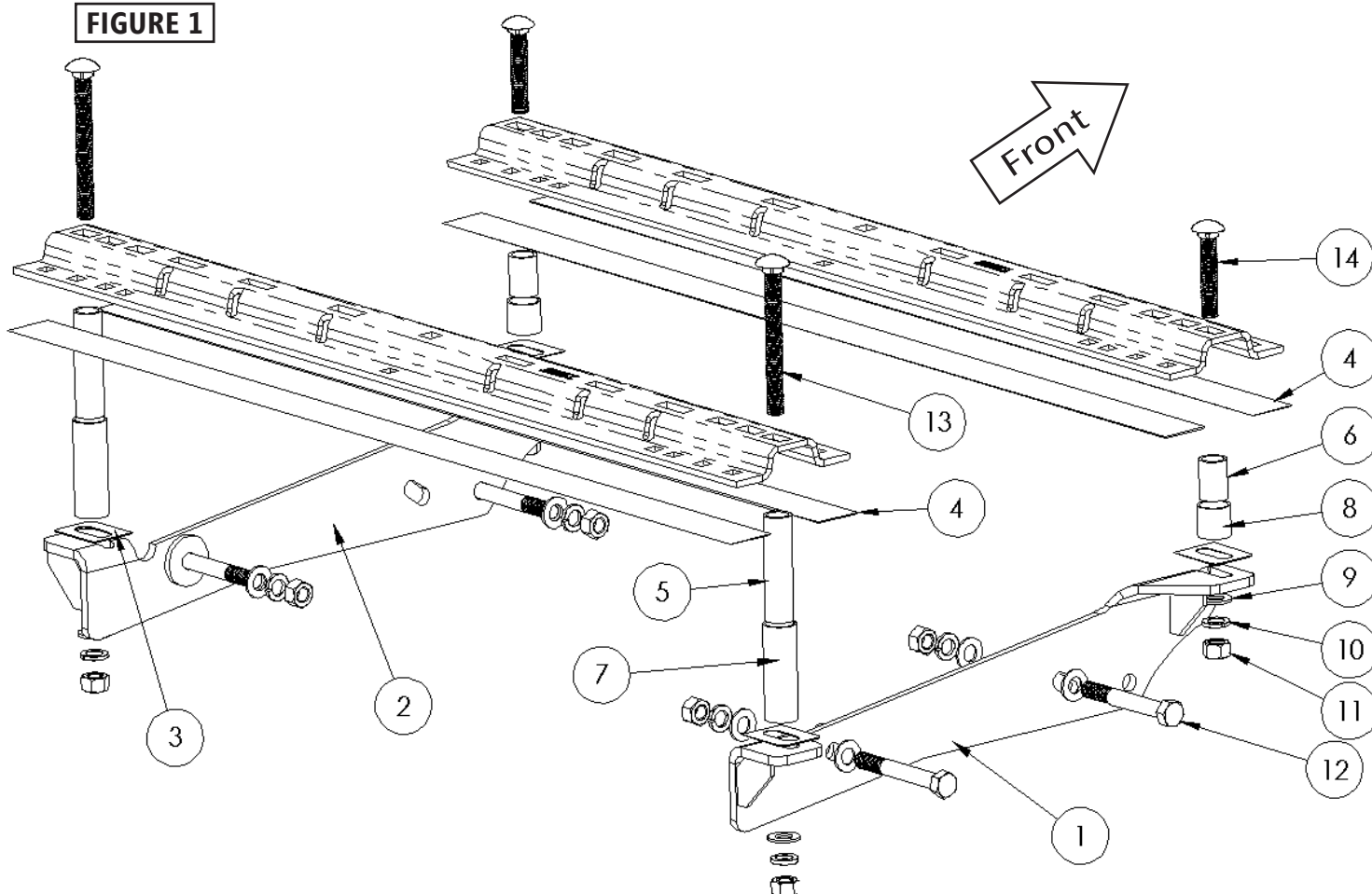
DO NOT EXCEED Recommended towing limits. **SEE VEHICLE'S OWNER'S MANUAL.**

Use with 10 bolt 30686 base rails. Base Rails are not included with this kit.

PARTS DIAGRAM

Meets SAE J2638 Standard

FIGURE 1



Center Bolt 33150 Required: Sold Separately

TOOLS REQUIRED

5/8" DRILL BIT	5/8" TRANSFER PUNCH
1-5/16" HOLE SAW	150 LB-FT. TORQUE WRENCH
15/16" SOCKET	RATCHET
15/16" WRENCH	SAFETY GLASSES

CONTENTS		33261 FORD F250/F350 INSTALLATION KIT
ITEM NO.	DESCRIPTION	QTY
1	PASSENGER SIDE BRACKET	1
2	DRIVER SIDE BRACKET	1
3	RUBBER BRACKET INSULATOR	4
4	BASE RAIL INSULATOR	4
5	4-1/4" REAR SPACER	2
6	1-1/2" FRONT SPACER	2
7	3-3/4" NYLON TUBE	2
8	1-1/4" NYLON TUBE	2
9	5/8" WASHER, Ø1-1/4" OD	12
10	5/8" LOCK WASHER	8
11	5/8" -11 HEX NUT	8
12	5/8" -11 UNC X 4-3/4" GRADE 5 HEX HEAD BOLT	4
13	5/8"-11 UNC X 6.00 CARRIAGE HEAD GRADE 5 BOLT	2
14	5/8"-11 UNC X 3.50 CARRIAGE HEAD GRADE 5 BOLT	2

WARNINGS/SAFETY PRECAUTIONS

1. The following instructions should be used to mount the fifth wheel. Care and attention to detail will ensure a quick quality installation. Check parts against parts list to become familiar with parts in kit. See **(FIGURE 1)**.
2. Lowering or removal of spare tire will give more room. Remove wheel well liner to allow access to truck frame.



WARNING: If the truck is raised, be sure that the truck is properly blocked and restrained to prevent the truck from falling. Failure to do so may result in the truck suddenly falling, causing death or serious injury.

3. Do **NOT** install mounting rails over plastic bed liners or rubber bed mats. Plastic bed liners and mats must be cut out of the way. Base rails may be installed on spray in liner. **Note: Consult installer for recommended curing time.**
4. Use only the supplied bolts, nuts, and washers to install this kit. All bolts and nuts are Grade 5 unless specified otherwise.
5. Specific instructions for vehicle are included. Each frame bracket must be bolted to the vehicle frame with two bolts.



CAUTION: These instructions are guidelines only. Actual installation is the responsibility of the installer and the owner. Always measure truck and trailer before installing hitch to be sure that there is clearance at the cab and at the bumper to allow for turns.

6. Measurements are given from rear edge of truck bed to rear edge of the base rail closest to the rear edge of truck for most vehicle applications. See **(Figure 2)**.
7. Apply the base rail insulator strips (#4) on the bottom of each end of rail correctly to protect aluminum bed from corrosion as shown in **(Figures 1, 5 and 6)**. Be sure to cover the entire bottom of the base rail with the base rail insulators. Center hitch between fender wells and make sure rails are square. Adjust position of rails until both diagonal measurements are the same. See **(Figure 2)**. Position the 5th wheel uprights between the bed rails so that the tabs in the base of each upright will fit into the slots in the ends of the bed rails. Secure the uprights in place with the rail hitch pins and hair pins supplied with the 5th wheel installation kit. Securely attach 5th wheel cross member to uprights. On most applications, the 5th wheel assembly should be positioned so that it is approximately centered over the truck axle and between the wheel wells on the bed floor.



CAUTION: Check for obstructions before drilling. Failure to do so could result in damaged fuel or brake lines, structural members, etc. **HUSKY TOWING PRODUCTS** does its best to communicate tow vehicle manufacturer changes; however, it is ultimately the responsibility of the installer to prevent damage due to installation.

8. Drill 4 holes identified in **(Figure 2)**. Hole location may vary for individual vehicle applications. Drill all pilot holes with 3/16" drill. Always use sharp drill bits.

FIGURE 2

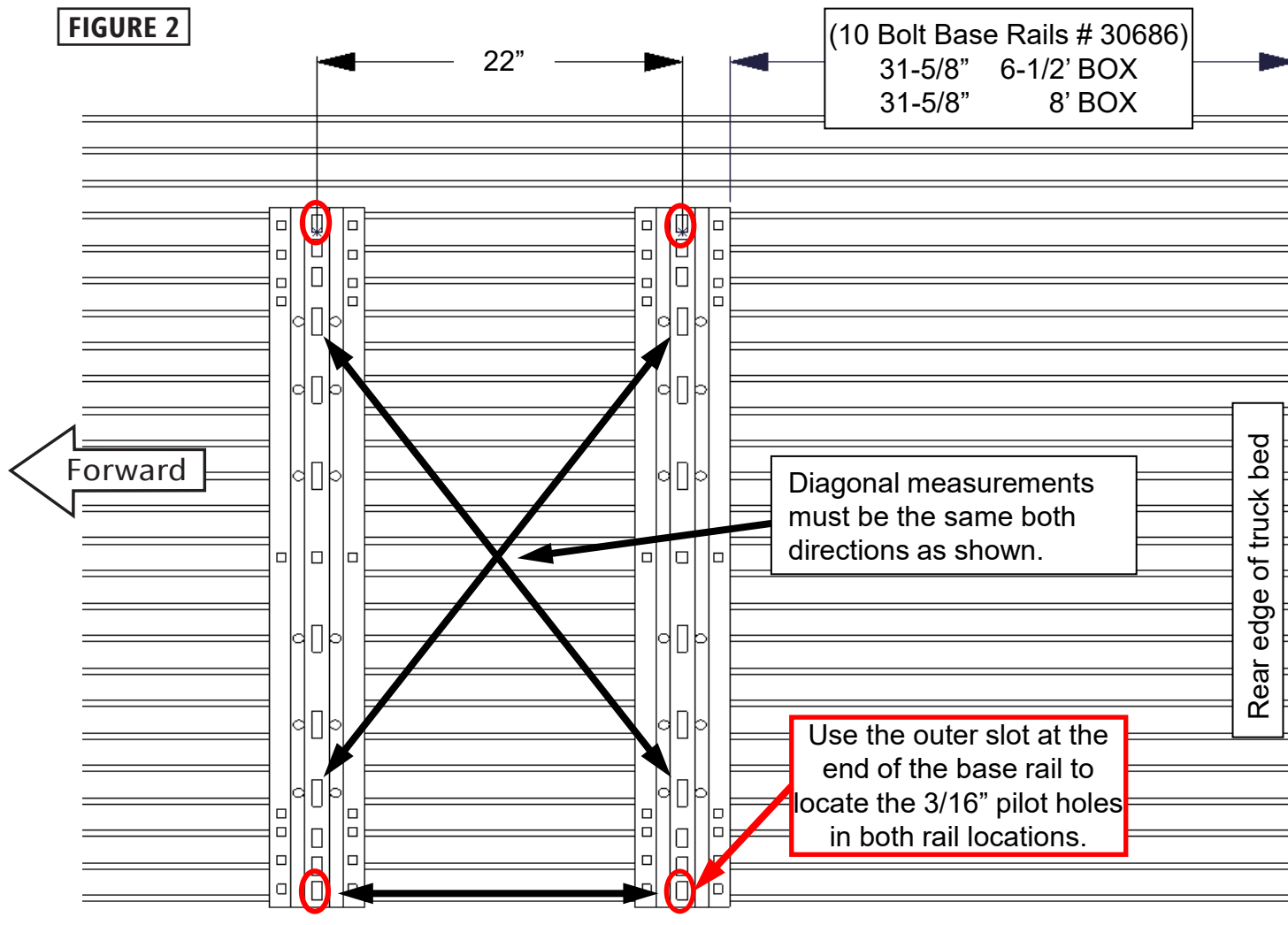
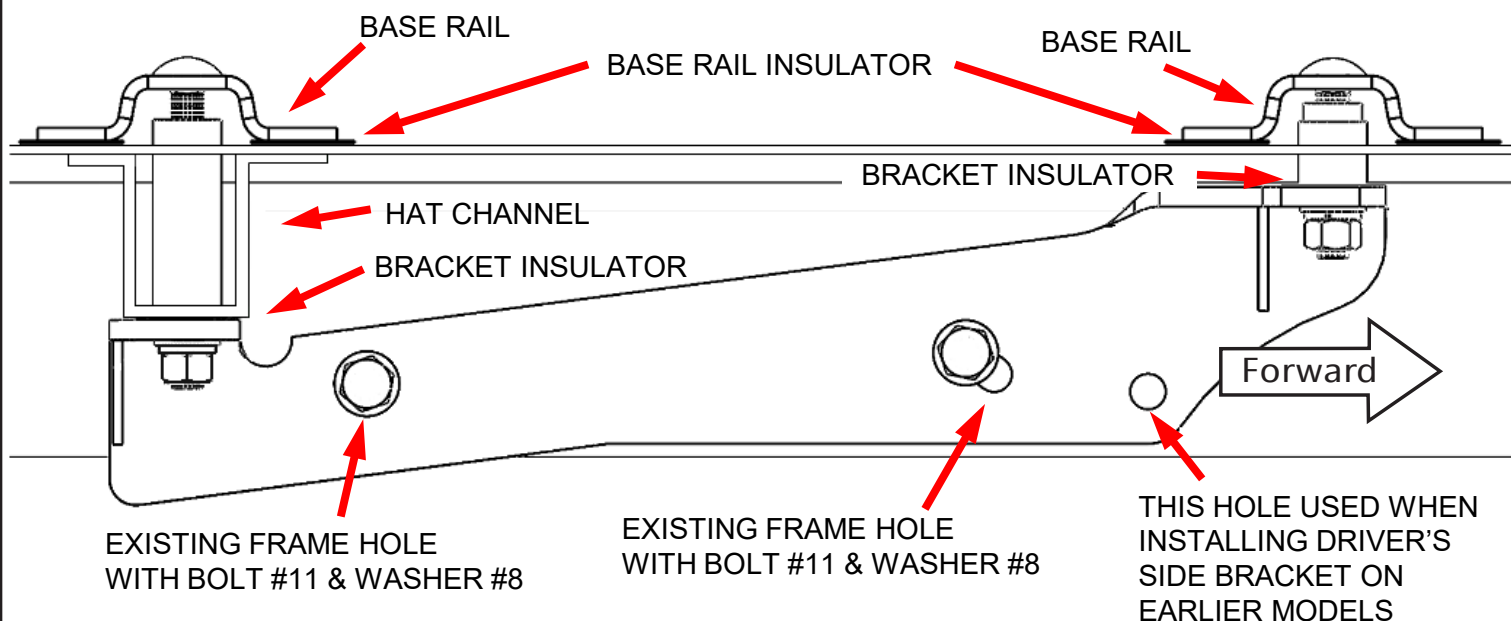
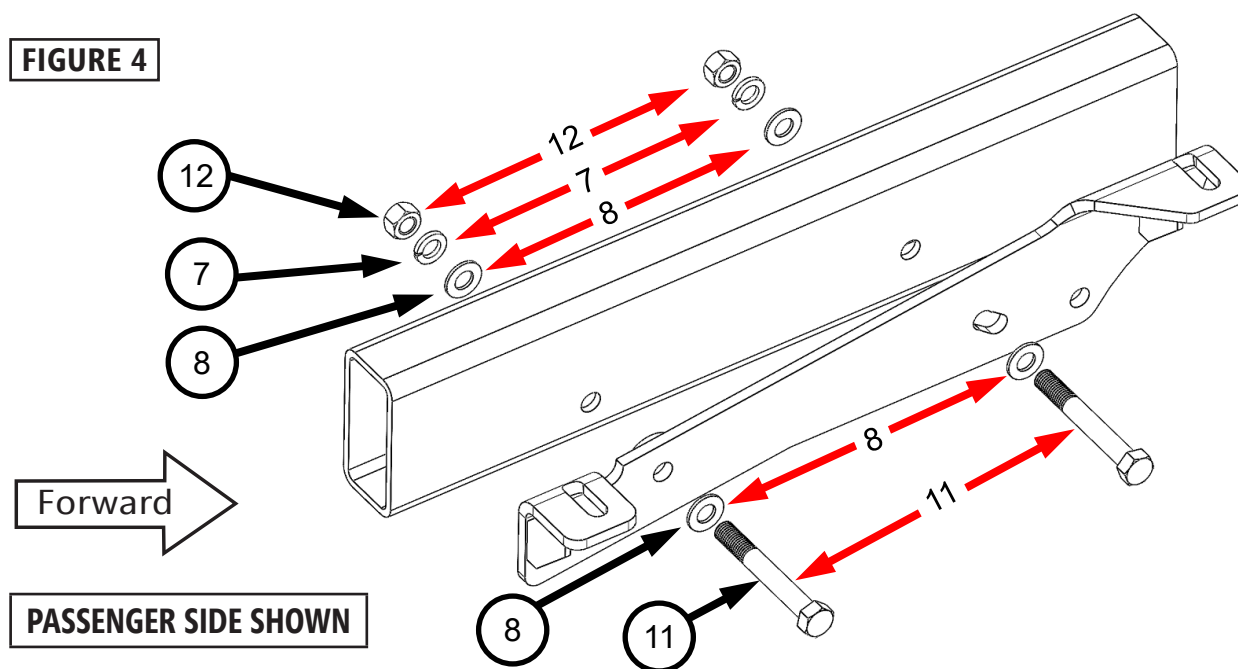


FIGURE 3



9. Loosely install frame brackets to the frame using appropriate hardware. See **(Figure 4)**. Confirm the pilot holes that were drilled in the bed in the previous step are in line with the flange bolt holes in the brackets before drilling the larger holes.

FIGURE 4



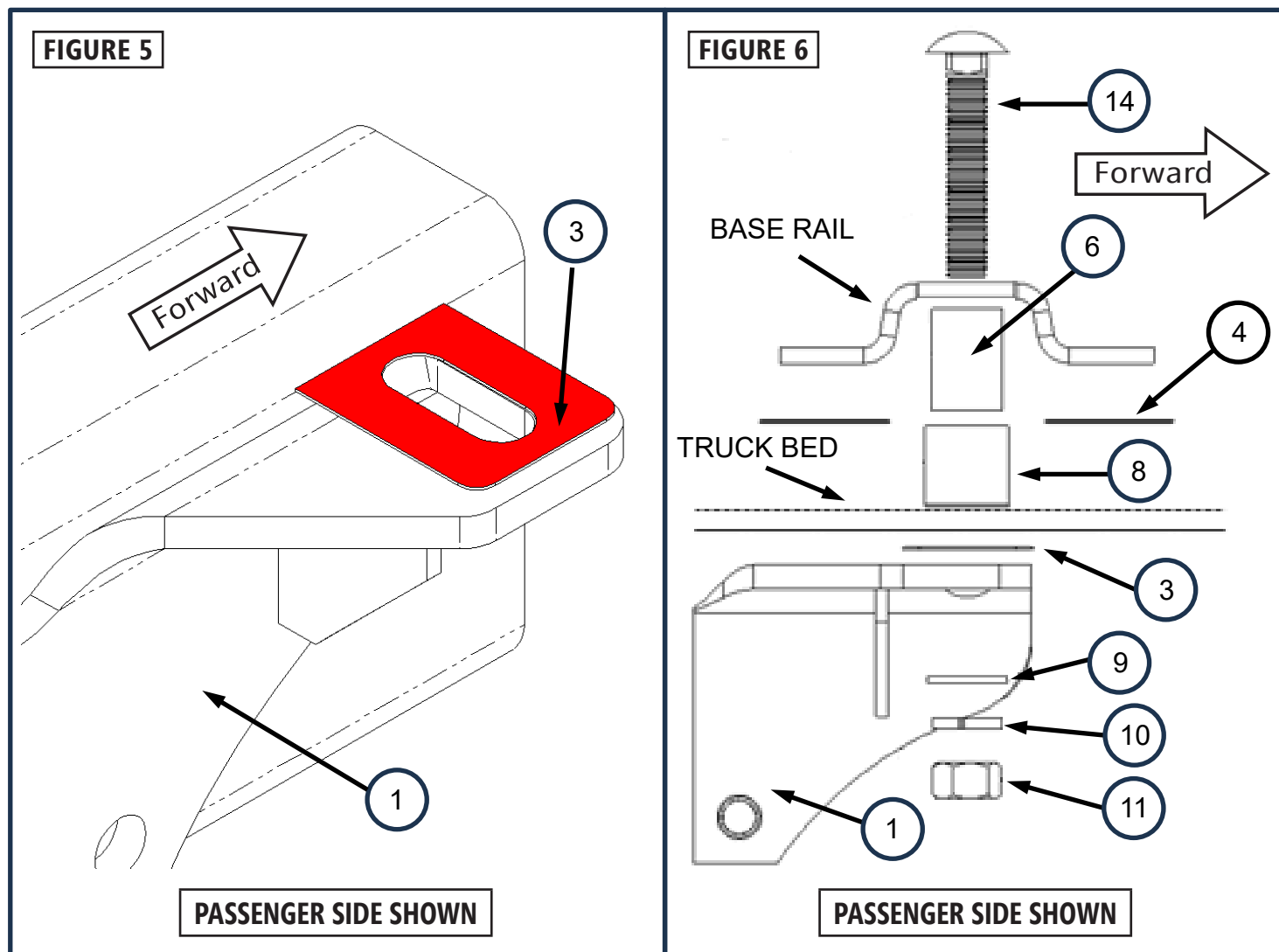
10. When satisfied with the alignment of the pilot holes, remove the brackets and enlarge the 3/16" holes with the 1-5/16" circular hole saw. Drill completely through the truck bed, but do not drill into the frame.



CAUTION: Check for obstructions before drilling. Failure to do so could result in damaged fuel or brake lines, structural members, etc. **HUSKY TOWING PRODUCTS** does its best to communicate tow vehicle manufacturer changes; however, it is ultimately the responsibility of the installer to prevent damage due to installation.

11. Remove any rough edges or burrs created by the circular hole saw, and clear away any metal shavings from the installation area.

12. Remove the backing paper and place rubber bracket insulators (#3) on top of both bolt flanges of the driver's and passenger's side brackets. See **(Figure 5)**.
13. Re-install the Passenger's and Driver's side mounting brackets. Torque all hardware to 150 lb.-ft.
14. Install the spacer tubes and nylon wear tubes, through the 1-5/16" holes drilled previously. The tubes and spacers will be resting directly on the mounting bracket bolt flanges. See **(Figure 6)**. It is important to use the nylon tubes to prevent corrosion.



15. Position the bed rails over the holes and install the carriage bolts through the rails and spacer tubes.
16. Install washers, lock washers and nuts onto the carriage bolts. Torque all hardware to 150 ft.-lbs.



WARNING

DO NOT lubricate threads. It may cause bolt failure.

17. Reinstall spare tire and wheel well liner if removed.
18. Re torque all hardware after 1,000 miles.

WARRANTY TERMS

Limited Lifetime Warranty:

This warranty applies solely to Husky 5th Wheel Installation Kit manufactured by Keystone Automotive Operations Inc. for Husky Towing Products.

Husky Towing Products and Keystone Automotive Operations Inc. make no guarantees or warranties for products not manufactured by Keystone Automotive Operations Inc. Such products are covered solely under any applicable warranty of the manufacturer. It is always recommended that the operating instructions and warranty instructions provided by the manufacturer are followed.

Keystone Automotive Operations Inc. warrants its products to be free from manufacturing and material defects to the original purchaser for the length of warranty stated above from the date of retail purchase. If any products are found to have a manufacturing or material defect, the product will be replaced or repaired at the option of Husky Towing Products and Keystone Automotive Operations Inc. with proof of purchase by the original purchaser. The original purchaser shall pay all transportation and shipping costs associated with the return of the defective product and the defective product shall become the property of Keystone Automotive Operations Inc.

The Warranty applies to Keystone Automotive Operations Inc. products used for individual and recreational purposes. Commercial usage of the Keystone Automotive Operations Inc. products limits the warranty to 90-days from date of purchase.

The Warranty applies only to Keystone Automotive Operations Inc. products which are found to be defective in manufacturing or material. This warranty does not apply to normal wear and tear of the finish placed on Keystone Automotive Operations Inc. products.

Husky Towing Products and Keystone Automotive Operations Inc. are not responsible for any labor costs incurred for removal or replacement of the defective product.

Husky Towing Products and Keystone Automotive Operations Inc. are not responsible for repair or replacement of any product under the limited warranty where the product was improperly installed, misapplied, altered, abused, neglected, overloaded, misused or damaged as a result of an accident, including any use of the product not in accordance with all product operating and safety instructions.

Without limiting the generality of the foregoing, Husky Towing Products and Keystone Automotive Operations Inc. shall under no circumstances be liable for any incidental or consequential loss or damage whatsoever arising out of, or in any way relating to any such breach of warranty or claimed defect in, or non-performance of the products. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion or limitation may not apply to you.

This limited warranty gives you specific legal rights, and you may also have other rights that vary from state to state.

TECH & WARRANTY SUPPORT:

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