



Assembly, Installation, Operation and Maintenance Instructions

Adapter Kit for 2002-2008 Dodge Ram, Full Size, 1500, Except Mega Cab.

Part # 30640

Use with bracket kit 31563.
Use with Base Rail Kit 30686(4-Bolt
and 10-bolt) or 31323(4-Bolt).

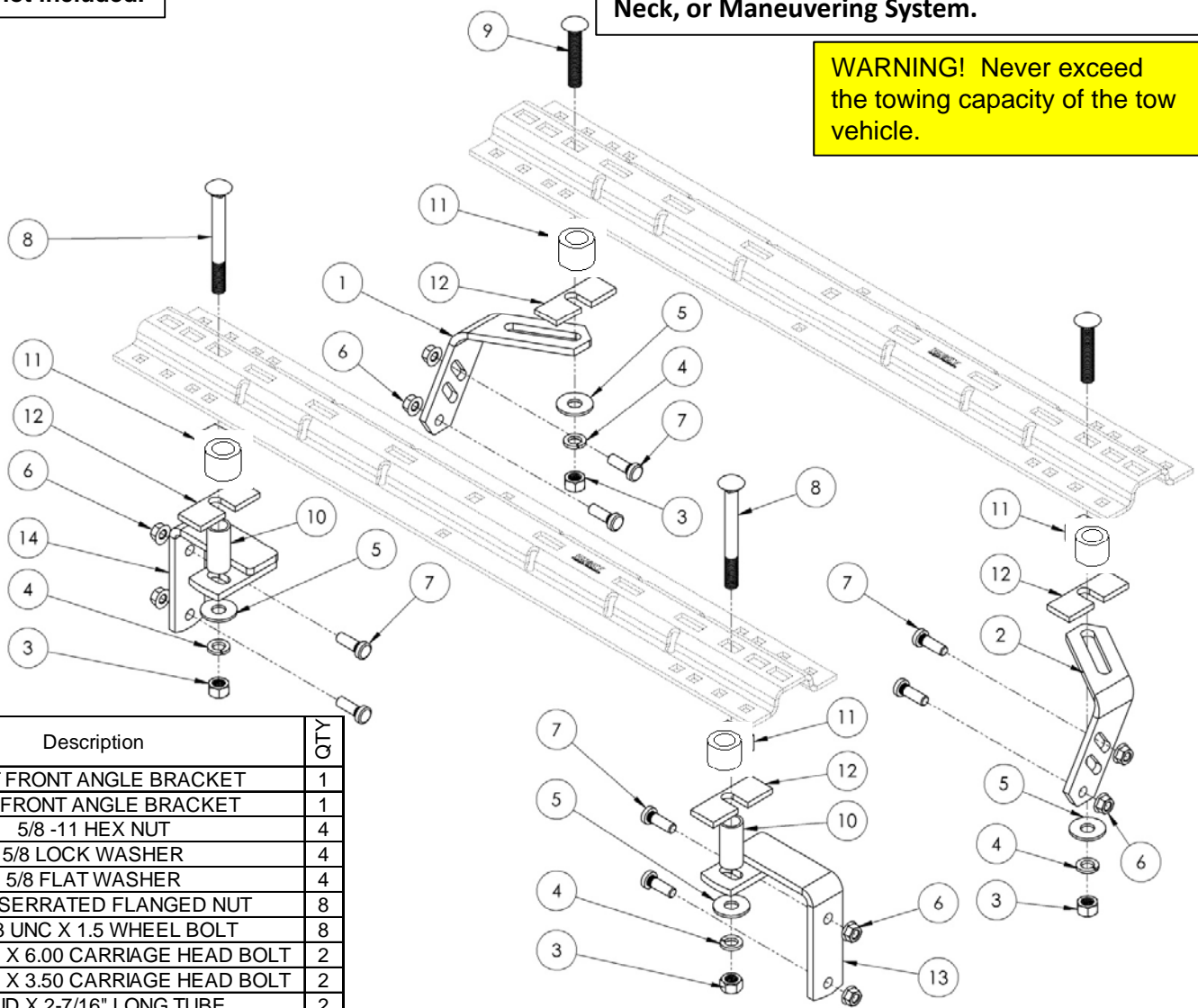
Dealer / Installer: Provide a copy of these Instructions to the end user of this product. These Instructions provide important operating and safety information for proper usage of this product. Demonstrate the proper use of the product with the end user. Have the end user demonstrate that they understand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

End User: 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.

**Torque 1/2" nuts to 75 lb-ft
& 5/8" nuts to 150 lb-ft.
Base rails are not included.**

Center Bolt Kit 32059 (sold separately) must be used when towing with a 26K hitch, Goose Neck, or Maneuvering System.

WARNING! Never exceed the towing capacity of the tow vehicle.



* MARKED ITEMS COME FROM KIT 31563

ITEM NO.	Description	QTY
1	RIGHT FRONT ANGLE BRACKET	1
2	LEFT FRONT ANGLE BRACKET	1
3*	5/8 -11 HEX NUT	4
4*	5/8 LOCK WASHER	4
5*	5/8 FLAT WASHER	4
6*	1/2-13 SERRATED FLANGED NUT	8
7*	1/2-13 UNC X 1.5 WHEEL BOLT	8
8*	5/8-11 UNC X 6.00 CARRIAGE HEAD BOLT	2
9*	5/8-11 UNC X 3.50 CARRIAGE HEAD BOLT	2
10*	7/8" ID X 2-7/16" LONG TUBE	2
11*	1" SPACER	4
12*	SPACER PLATE	4
13*	BRACKET - LH	1
14*	BRACKET - RH	1
15*	BOLT PULL WIRE	2

CAUTION: Do not install base rails over plastic bed liners. Plastic bed liners must be cut out of the way. Rails may be installed on spray in liners. Consult spray liner installer for recommended curing time.

TOOLS

3/16", 5/8", 17/32" drill bits. 3/4" & 15/16" Socket & Open End Wrench
1-1/4" hole saw Torque Wrench capable of 150 lb-ft.

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.
2. Raise rear of truck high enough to allow jack stands to be placed under rear spring hanger bracket of truck. This will provide maximum room to install the fifth wheel brackets.

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. Plastic bed liners must be cut out of the way. Base rails may be installed on dry/cured 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 are Grade 5 and nuts are Grade 5 unless specified otherwise.
5. 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.
7. Center hitch between fender wells and make sure rails are square. Adjust position of rails until both diagonal measurements are the same. This should allow installation of a gooseneck or other fifth wheels to these rails.

CAUTION:

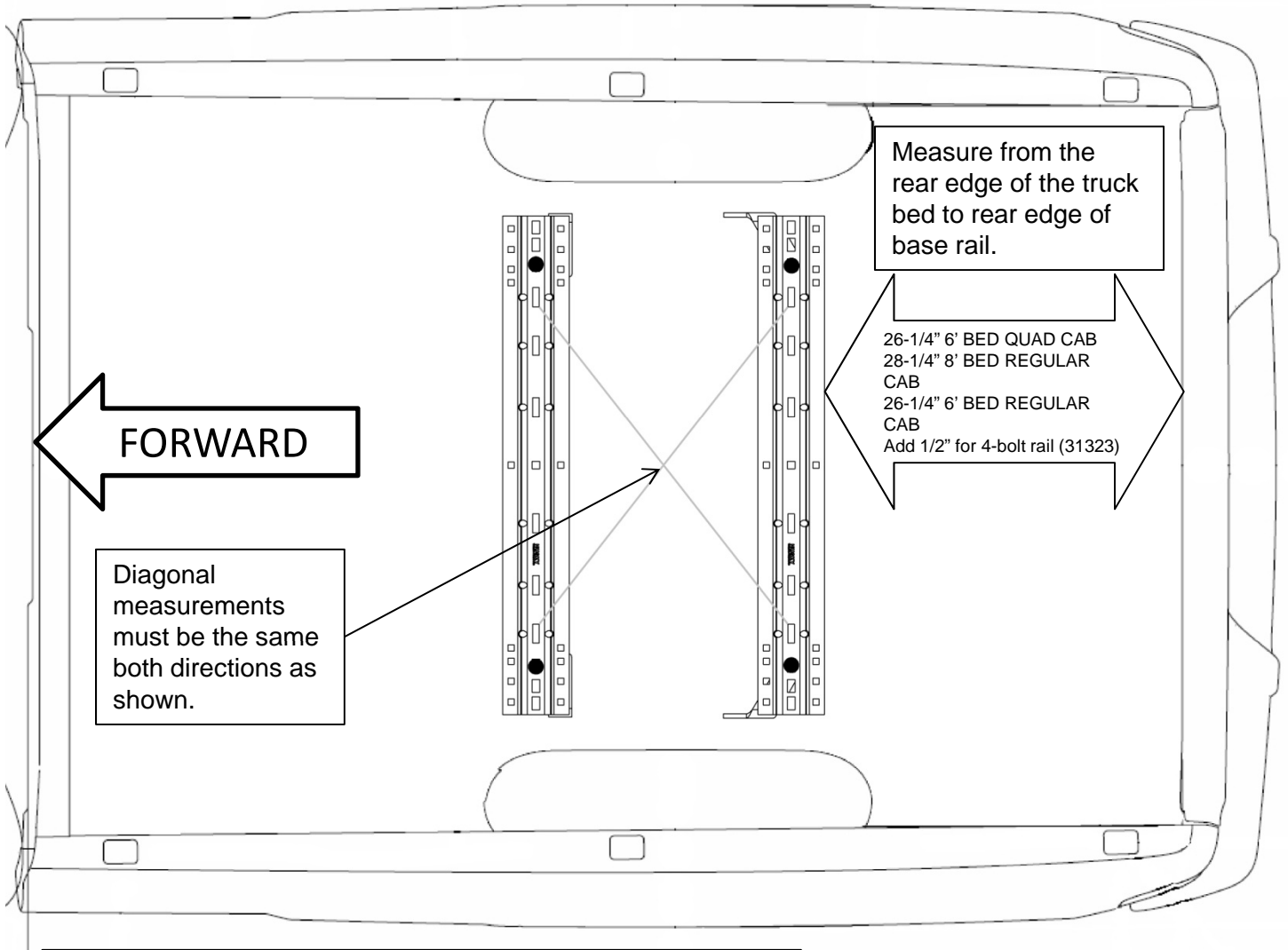
Check for obstructions before drilling. Failure to do so could result in damaged fuel or brake lines, structural members, etc. HUSKY TOWING PRODUCTS does its best to communicate tow vehicle manufacturer changes; however, it is ultimately the responsibility of the installer to prevent damage due to installation.

CAUTION:

It is important that 17/32" drill be used for holes in chassis frame as rib neck bolts may break if too small a hole is used and neck may not grip if too large a hole is used.

8. With the 5th wheel assembly in the bed of the truck, position the rear rail as directed in on the previous page.
9. Drill an 1/8" hole through the bed in the inside hole locations of the front rail . This should be approximately in the middle of the bed hat channel. Drill down through the bottom of the bed hat channel with the 1/8" drill.
10. Place the front frame brackets under the bed to verify that the 1/8" holes align with the slots in the frame brackets. The frame brackets should be against the rear side of the hat channel. Drill the holes in the bed to 1-1/4" with the hole saw. Drill the hole in the bottom of the hat channel to 5/8".
11. Insert the 1" tube spacer under the rail with the 5/16" thick spacer plate. Put the 2-7/16" long spacer down into the hat channel with the 5/16" thick plate on top of it. The 5/16" thick plate needs to be between the bed corrugations and the rails so that there is no gap under the rails. Insert 5/8" x 6" carriage bolts down through the rail. Install serrated washers and nuts on the bolts. Hand tighten.
12. Using the holes in the frame brackets as a guide, drill 17/32" holes into the frame. Use the pull wire and an access hole in the frame to pull rib neck bolts into the frame. Install serrated washers and nuts on the bolts. Snug up the nuts.
13. With the 5th wheel hitch in the rails, mark the hole location of the rear rail bolt locations using the inside bolt locations.

14. Drill a 5/8" hole through the bed. Place a 5/16" thick spacer over the hole and the 1-1/4" tube spacer above the 5/16" spacer. Place the rail over the spacers and insert the 5/8" x 3-1/2" carriage bolts.
15. Place the rear frame brackets over the 5/8" bolts. Left rear and right rear brackets can be interchanged if it makes installation easier. Install 5/8" flat washers, lock washers and nuts on the bolts.
16. Follow step 12 to install 4 rib neck bolts into the rear frame brackets.
17. Torque all 1/2" nuts to 75 lb-ft. and all 5/8" nuts to 150 lb-ft.



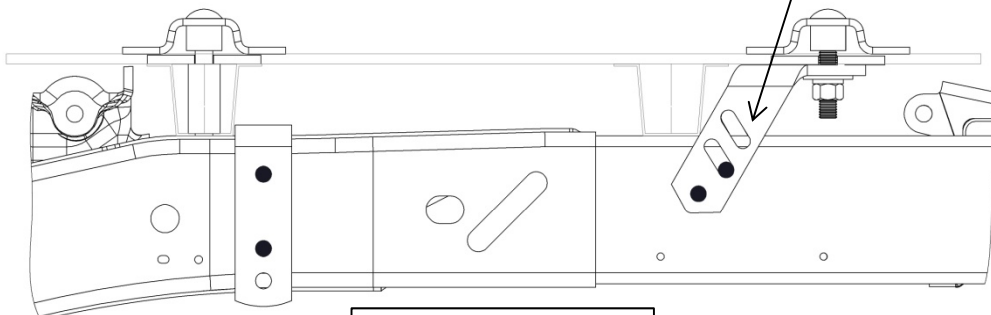
Diagonal measurements must be the same both directions as shown.

Measure from the rear edge of the truck bed to rear edge of base rail.

- 26-1/4" 6' BED QUAD CAB
- 28-1/4" 8' BED REGULAR CAB
- 26-1/4" 6' BED REGULAR CAB
- Add 1/2" for 4-bolt rail (31323)

Finger tighten 5/8" bolts and nuts to hold brackets in place. Then drill a 17/32" hole as indicated by "black dots". Use bolt pull wire to pull 1/2" rib neck bolts through from the inside then thread 1/2" serrated hex nut and torque to 75 lb.-ft.

This bracket can be installed as shown or if need be can be flipped the other direction(rearward)



Driver side shown.

#30640

**DODGE/RAM 1500 - 2002 TO 2008
4-BOLT ADAPTOR KIT
(WILL NOT FIT MEGA CAB)**



HUSKY
TOWING PRODUCTS
WWW.HUSKYTOW.COM

**(1) DRIVER SIDE BRACKET
(1) PASSENGER SIDE BRACKET**



Designed in the USA & Made in China for DTS Manufacturing, Wilsonville, OR 97070
Conçu aux Etats-Unis/Fabriqu  en Chine pour DTS Manufacturing, Wilsonville, OR 97070

The date code for this product is located on the UPC label

Please retain this info for your records.

Warranty Terms:

5 Year Limited Warranty:

This warranty applies solely to Husky 5th Wheel Installation Kit manufactured by DTS Mfg. for Husky Towing Products.

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

DTS Mfg. 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 DTS Mfg. 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 DTS Mfg.

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

The Warranty applies only to DTS Mfg. products which are found to be defective in manufacturing or material. This warranty does not apply to normal wear and tear of the finished placed on DTS Mfg. products.

Husky Towing Products and DTS Mfg. are not responsible for any labor costs incurred for removal or replacement of the defective product.

Husky Towing Products and DTS Mfg. 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.

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