

31321

## DODGE RAM SPORT

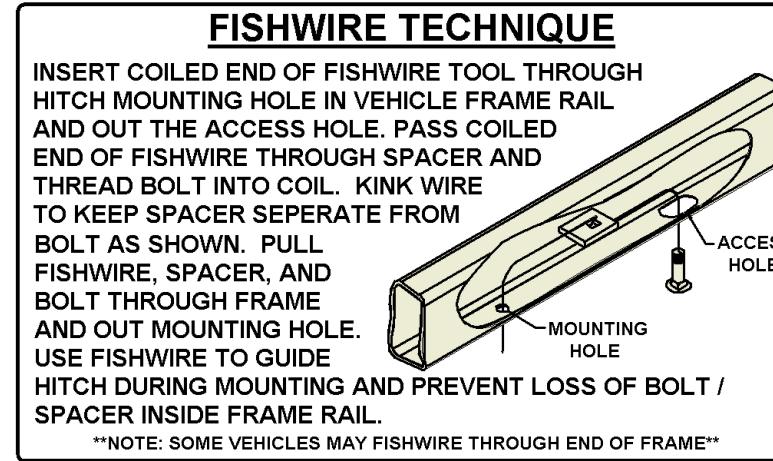
11/13/2020

GROSS LOAD CAPACITY WHEN USED AS A WEIGHT CARRYING HITCH: 5,000 LBS. TRAILER WEIGHT &amp; 500 LBS. TONGUE WEIGHT.

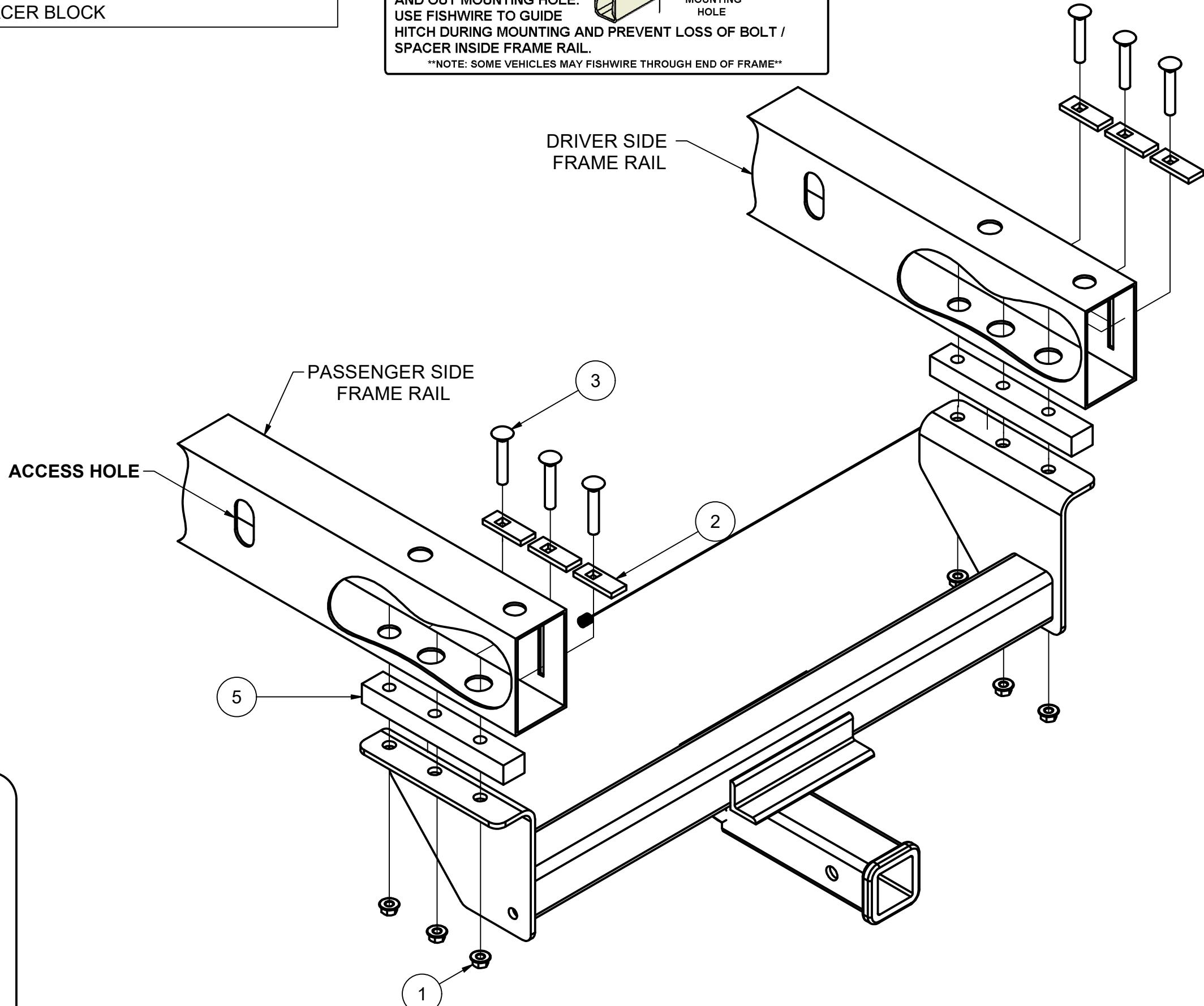
GROSS LOAD CAPACITY WHEN USED AS A STRAIGHT LINE PULL: 9,000 LBS. MAX. LINE PULL.

**WARNING: \*\*\* DO NOT EXCEED VEHICLE MANUFACTURER'S RECOMMENDED TOWING CAPACITY. \*\*\***FOR MORE INFORMATION LOG ONTO [WWW.CURTMFG.COM](http://WWW.CURTMFG.COM) & FOR HELPFUL TOWING TIPS LOG ONTO [WWW.HITCHINFO.COM](http://WWW.HITCHINFO.COM)

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	6	20-00103	NUT,SER-FLANGE,7/16-14 UNC,GRD8,YZ
2	6	CM-SP2	.250 x .88 x 2.25" SQUARE HOLE SPACER
3	6	10-10319	BOLT,CAR,7/16-14 UNC,2-1/2,GRD8,YZ
4	1	7_16 FISHWIRE	7/16" FISHWIRE
5	2	31321-SP	SPACER BLOCK



\*\*NOTE: SOME VEHICLES MAY FISHWIRE THROUGH END OF FRAME\*\*



HITCH WEIGHT: 32 LBS.

## INSTALL TIME

PROFESSIONAL: 30 MINUTES

NOVICE (DIY): 60 MINUTES

## INSTALL NOTES:

- DRILLING REQUIRED
- FISHWIRE HARDWARE

**INSTALLATION STEPS**

1. Using the hitch as a template, mark and drill holes as required.
2. Insert the carriage bolt spacers through the frame access slot on the inside surface of the frame.
3. Use the fishwire provided to install the carriage bolts into the frame as shown. Be sure to pass the fishwire through the spacer previously installed before attaching it to the bolt. Install the rear bolt first, the center bolt second and the front bolt last. (both sides)
4. When all hardware is installed properly raise the hitch into position, sandwich 31321-SP spacer block between hitch and frame, and attach a 7/16" flange nut to each bolt. (Trim front fascia as needed for hitch clearance.)
5. Torque all fasteners to 59 ft-lbs.



**PERIODICALLY CHECK THIS RECEIVER HITCH TO ENSURE THAT ALL FASTENERS  
ARE TIGHT AND THAT ALL STRUCTURAL COMPONENTS ARE SOUND.**

Scan  
for more  
information

CURT Manufacturing LLC., warrants this product to be free of defects in material and/or workmanship at the time of retail purchase by the original purchaser. If the product is found to be defective, CURT Manufacturing LLC., may repair or replace the product, at their option, when the product is returned, prepaid, with proof of purchase. Alteration to, misuse of, or improper installation of this product voids the warranty. CURT Manufacturing LLC.'s liability is limited to repair or replacement of products found to be defective, and specifically excludes liability for incidental or consequential loss or damage.

This product complies with safety specifications and requirements for connecting devices and towing systems of the state of New York, V.E.S.C. Regulation V-5 and SAE J684.

\*\*\*DO NOT EXCEED VEHICLE MANUFACTURER'S RECOMMENDED TOWING CAPACITY \*\*\*

#### FRONT MOUNTED ACCESSORIES

1) Do not exceed front axle Gross Weight Rating (GAWR). Consult owners manual or specification plate located on driver's door frame. Measure gross front axle weight by placing front wheels of loaded vehicle on a scale.

**WARNING:** Exceeding GAWR may overload the front axle and/or suspension. This could result in **accident, property damage and personal injury.**

- 2) Reposition front mounted license plate if obstructed.
- 3) Do not obstruct vehicle lights.
- 4) Allow free air flow into grille opening.
- 5) Rear wheel traction may be reduced. This could effect handling. Reduce speed and drive with caution.
- 6) Accessories extend front of vehicle. This may reduce approach angle. Use caution when parking and maneuvering.
- 7) Do not obstruct driver view.

#### VEHICLE RECOVERY AND WINCHING TIPS

- 1) Use OEM tow hooks, recovery eyes or a clevis mount for attachment of a tow strap or winch cable.

**WARNING: NEVER** use a ball and/or ball mount as an anchor point for tow strap or winch cable.  
Severe personal injury or death could result.

- 2) Observe winch manufacturer's recommendations, cautions and warnings.
- 3) Attach return cable to tow hook or recovery eye when using a snatch block (See figure 1).

**CAUTION:** Do not attach return cable to winch mount. This may overload winch mount and/or front mounted receiver.

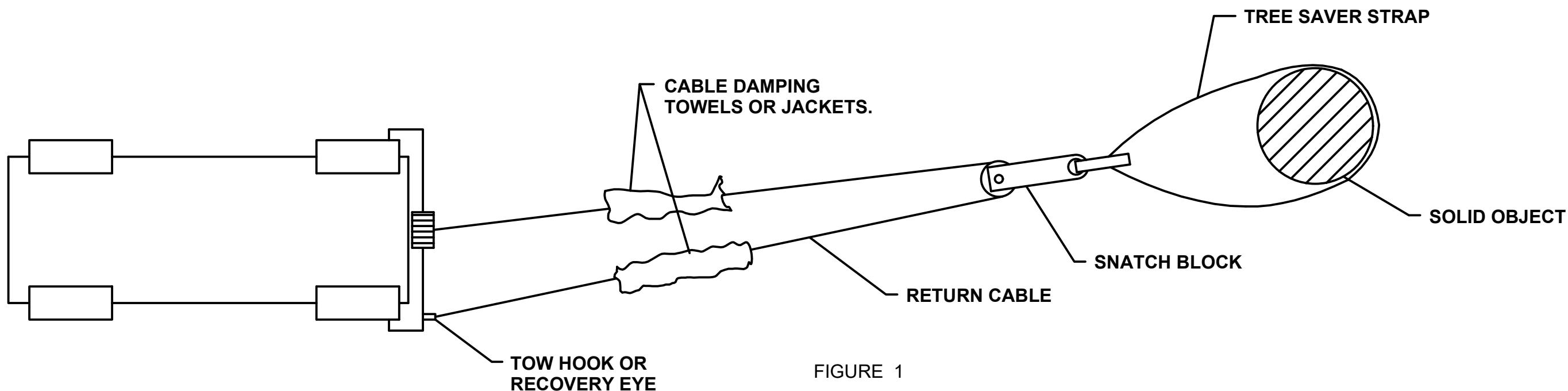


FIGURE 1

#### RATING

For **Maximum** line pull rating, winch cable must not exceed:

- 15 degree angle up or down from horizontal (See Figure 2).
- 45 degree angle left or right from straight ahead (See Figure 3).

**CAUTION:** Exceeding the maximum line pull rating may over load winch, winch mount, and/or front mounted receiver.

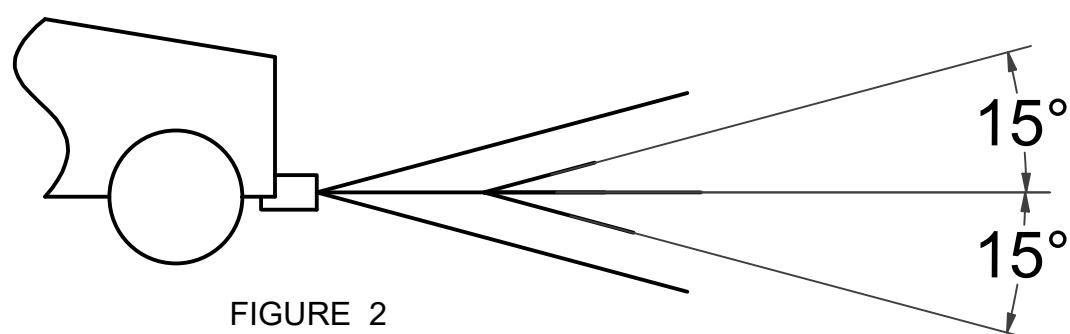


FIGURE 2

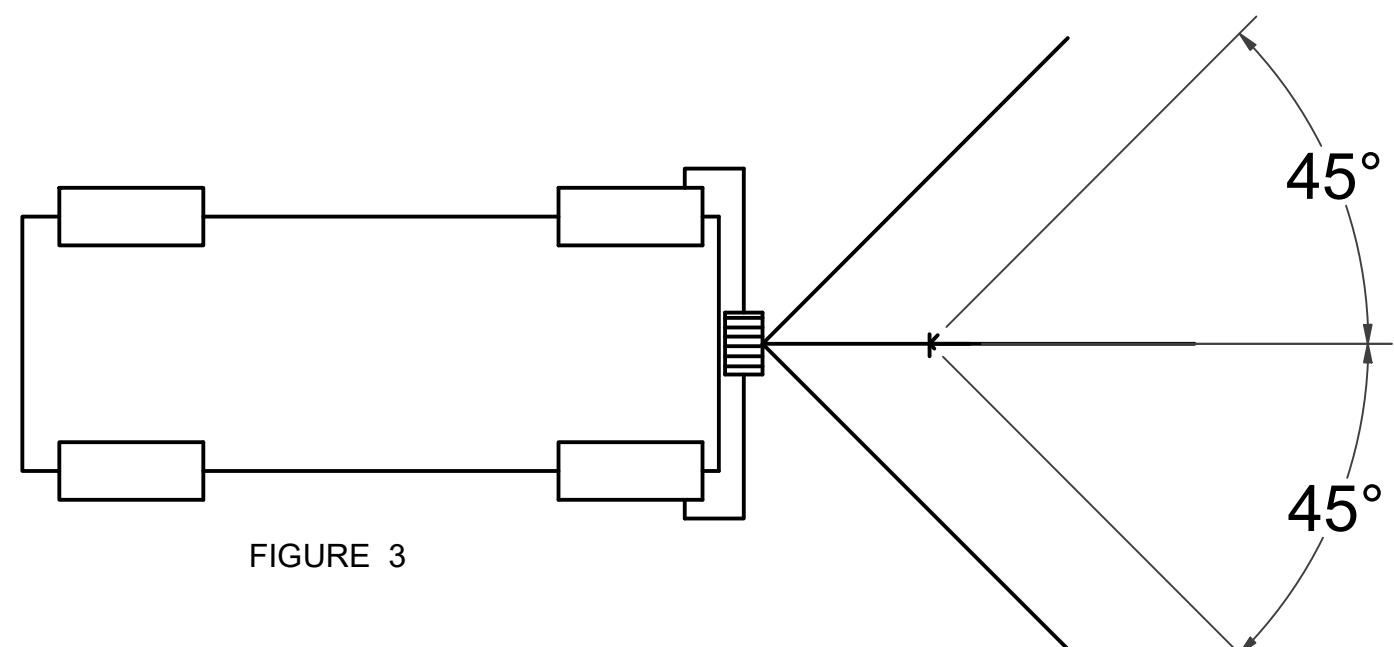


FIGURE 3