



31033 INSTALLATION INSTRUCTIONS



Safety glasses should be worn at all times while installing this product.

YEARS: 2011-PRESENT

MAKE: JEEP / DODGE

MODEL: GRAND CHEROKEE / DURANGO

STYLE: SUV

WARNING: NEVER EXCEED YOUR VEHICLE MANUFACTURER'S RECOMMENDED TOWING CAPACITY

WEIGHT CARRYING:

TRAILER WEIGHT: 3,000 LBS.
TONGUE WEIGHT: 300 LBS.

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

INSTALLATION TIME: **35 MIN.**

THE INSTALL TIME LISTED IS FOR PROFESSIONAL INSTALLERS. IF YOU ARE HESITANT TO UNDERTAKE THIS TASK ON YOUR OWN, CONTACT AN AUTHORIZED CURT INSTALLER FOR ADDITIONAL ASSISTANCE.

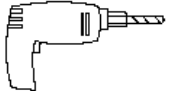

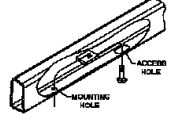
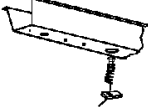

INSTALLATION TIPS:

1. BEFORE YOU BEGIN INSTALLATION, READ ALL INSTRUCTIONS THOROUGHLY.
2. TO EASE INSTALLATION, 2 PEOPLE MAY BE REQUIRED.
3. USING PROPER TOOLS WILL GREATLY IMPROVE THE QUALITY OF THE INSTALL AND REDUCE THE TIME REQUIRED.
4. NEED HELP OR HAVE SOME QUESTIONS? CALL TECHNICAL SUPPORT AT 800.798.0813

INSTALLATION REQUIRES:

| | | |
|---|---|--|
|  POWER DRILL |  DRILL BIT 9/16" |  DIE GRINDER |
|  RATCHET |  10mm 13mm 18mm 3/4" SOCKET |  TORQUE WRENCH |
|  TAPE MEASURE |  MARKER |  UTILITY KNIFE |
|  SAFETY GLASSES | | |

LEVEL OF DIFFICULTY: MODERATE

| EASY | MODERATE | CHALLENGING |
|---|--|-------------|
|  | DRILLING REQUIRED | |
|  | ENLARGE (4) HOLES | |
|  | FISHWIRE HARDWARE | |
|  | REVERSE FISHWIRE HARDWARE | |
|  | OPTIONAL UNDERBODY PANEL TRIMMING | |

VEHICLE PHOTO:

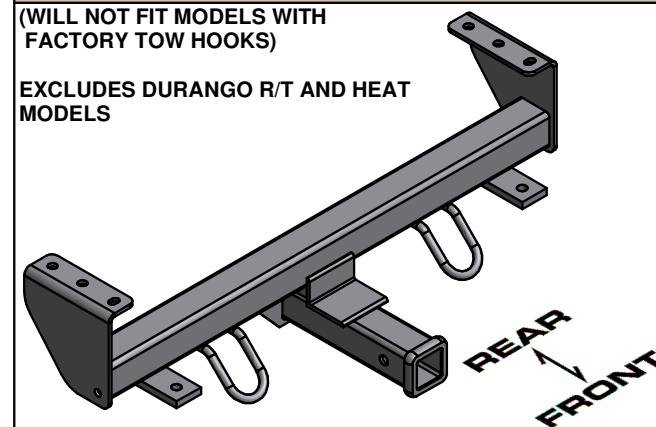


REPRESENTATIVE PHOTO

HITCH ILLUSTRATION:

(WILL NOT FIT MODELS WITH FACTORY TOW HOOKS)

EXCLUDES DURANGO R/T AND HEAT MODELS



MAKE SURE YOUR HITCH MATCHES

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

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For more information log onto www.curtmfg.com, & for helpful towing tips log onto www.hitchinfo.com

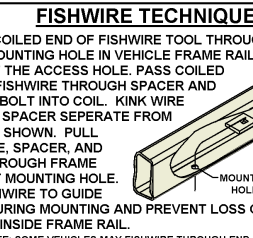
12/7/2012

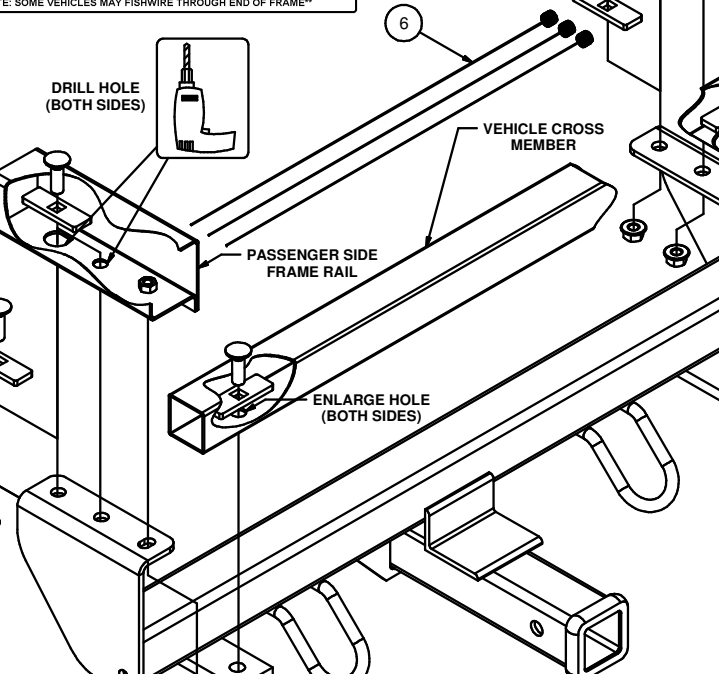
| Parts List | | | |
|------------|-----|------------------|--|
| ITEM | QTY | PART NUMBER | DESCRIPTION |
| 1 | 2 | M10 - 1.5 x 35mm | HEX TAP BOLT |
| 2 | 2 | 3/8" | CONICAL TOOTHED WASHER |
| 3 | 6 | 1/2-13 x 1 1/2 | CARRIAGE BOLT |
| 4 | 6 | CM-SP6 | .250 x 1.00 x 3.00" SQUARE HOLE SPACER |
| 5 | 6 | HFN 1213 | HEX FLANGE NUT |
| 6 | 3 | 1_2 FISHWIRE | 1/2" FISHWIRE |

FISHWIRE TECHNIQUE

INSERT COILED END OF FISHWIRE TOOL THROUGH HITCH MOUNTING HOLE IN VEHICLE FRAME RAIL AND OUT THE ACCESS HOLE. PASS COILED END OF FISHWIRE THROUGH SPACER AND THREAD BOLT INTO COIL. KINK WIRE TO KEEP SPACER SEPARATE FROM BOLT AS SHOWN. PULL FISHWIRE, SPACER, AND BOLT THROUGH FRAME AND OUT MOUNTING HOLE. USE FISHWIRE TO GUIDE HITCH DURING MOUNTING AND PREVENT LOSS OF BOLT / SPACER INSIDE FRAME RAIL.

NOTE: SOME VEHICLES MAY FISHWIRE THROUGH END OF FRAME





Technical drawing of a window sill cross-section. The drawing shows a concrete sill with a wooden trim piece. Dimensions are given in inches. The total width of the sill is 13 1/16 in. The width of the trim piece is 7 3/16 in. The width of the concrete sill is 2 1/8 in. The width of the concrete sill is 3 1/8 in. The width of the concrete sill is 2 1/2 in. The width of the concrete sill is 3/4 in. The width of the concrete sill is 3 3/4 in. The height of the sill is 2 1/2 in. The height of the trim piece is 3 1/2 in. The height of the concrete sill is 1 5/8 in. The height of the concrete sill is 6 in. The height of the concrete sill is 1 1/2 in. The word "TRIM" is labeled on the wooden trim piece.

Diagram illustrating the dimensions and components of a bumper assembly:

- CHROME STRIP**: Indicated by a line pointing to the top horizontal bar.
- 3 in**: Dimension indicating the width of the chrome strip.
- 3 7/8 in**: Dimension indicating the width of the bumper body.
- BLACK BUMPER FASCIA**: Indicated by a line pointing to the top horizontal bar.
- AIR DAM**: Indicated by a line pointing to the bottom horizontal bar.

ATTACH FISHWIRE TO CARRIAGE BOLT AND SLIDE SPACER ONTO FISHWIRE. PUSH THE BOLT THRU THE HOLE FOLLOWED BY THE SPACER (AS SHOWN). PULL BOLT BACK INTO POSITION, PROTRUDING FROM THE FRAME.

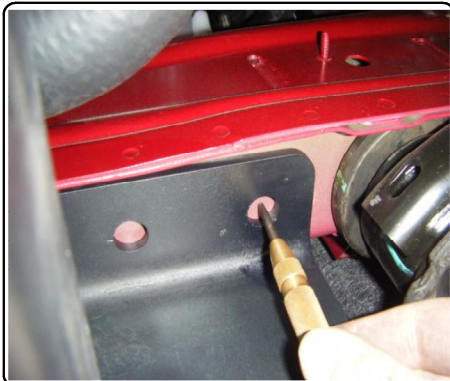
To remove debris from weldnuts in frame, spray lubricant or compressed air into hole. For heavy debris, use a small wire brush. (Be careful not to damage threads).

INSTALLATION WALKTHROUGH:

1. Remove plastic underbody panel by removing (7) bolts and (1) plastic fastener. This can be trimmed and reinstalled in step 8 or returned to vehicle owner.

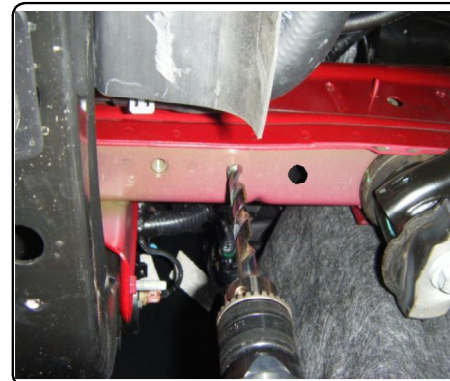
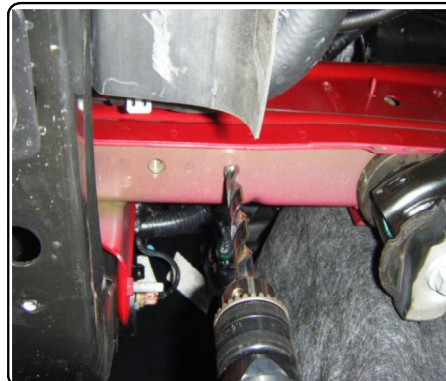


2. Lift hitch into position, secure with M10 bolts and mark (4) drill hole locations.

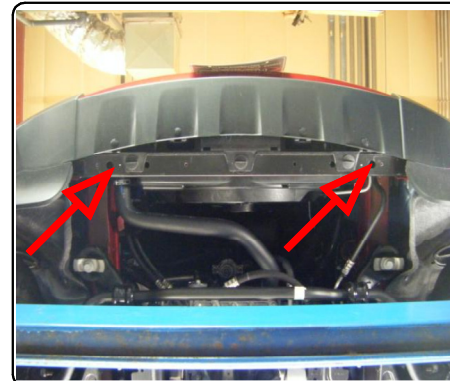


3. Remove M10 bolts, lower hitch and drill (4) holes at marked locations.

Note: Use a die grinder to enlarge (1) drilled hole on each frame rail so it is large enough for the included 1/2" hardware to pass through.



4. Use a die grinder to enlarge (2) mounting locations on vehicle cross member so the included 1/2" hardware can be reverse fishwired into position.



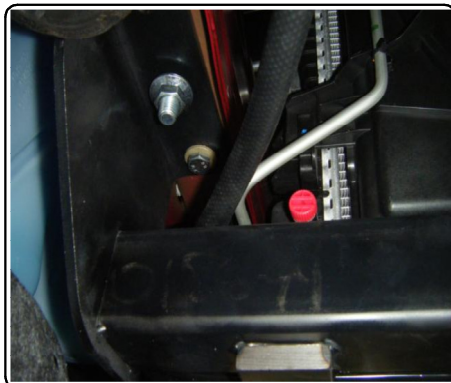
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INSTALLATION WALKTHROUGH:

5. Fishwire (2) 1/2" carriage bolts and (2) CM-SP6 spacers into position. Reverse fishwire (4) 1/2" carriage bolts and (4) CM-SP6 spacers into position. See FISHWIRE TECHNIQUE / REVERSE PULL TECHNIQUE on page 2.



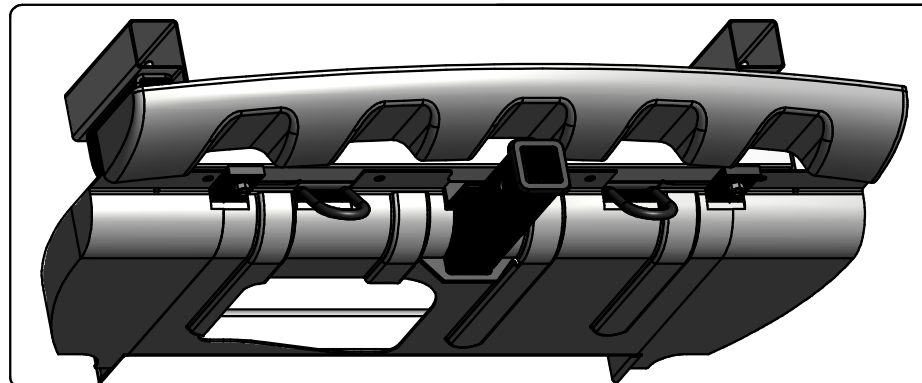
6. Raise hitch into position and secure to frame using 1/2" flange nuts. Secure (2) 10mm bolts and (2) 3/8" conical toothed washers into the existing weldnuts. See WELDNUT CLEANING on page 2.



7. Torque all 10mm hardware to 45 ft-lbs and all 1/2" hardware to 110 ft-lbs.

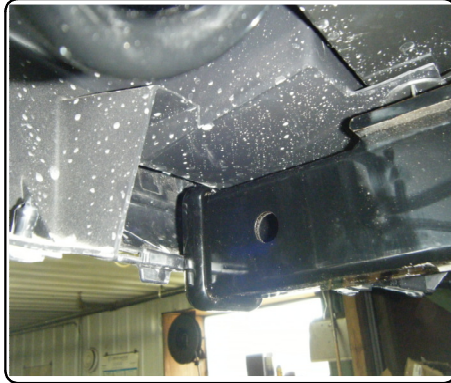


8. If plastic underbody panel will be trimmed see TRIM DIAGRAM on page 2. Reinstall after trimming is complete.



INSTALLATION WALKTHROUGH:

9. On Dodge Durango models, the lower fascia and bumper will need to be trimmed to provide clearance for the hitch receiver tube. See Dodge Durango Bumper Trim Diagram.



31033 JEEP GRAND CHEROKEE AND DODGE DURANGO

12/7/2012

WILL NOT FIT MODELS WITH FACTORY TOW HOOKS, EXCLUDES DURANGO R/T AND HEAT MODELS

GROSS LOAD CAPACITY WHEN USED AS A WEIGHT CARRYING HITCH: 3,000 LBS. TRAILER WEIGHT & 300 LBS. TONGUE WEIGHT.

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

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

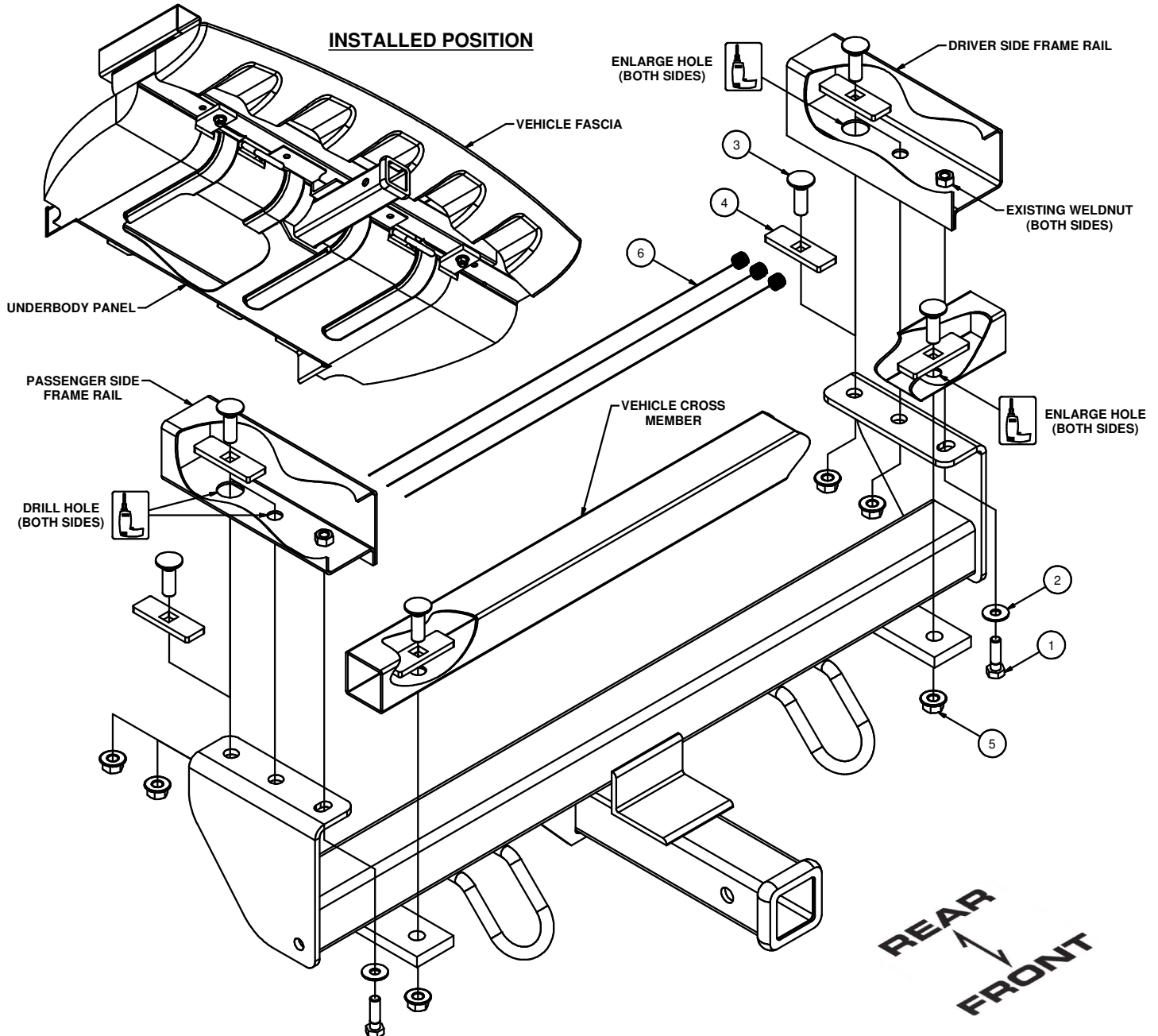
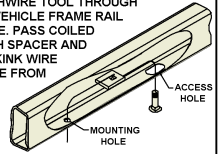
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| 6 | 3 | 1_2 FISHWIRE | 1/2" FISHWIRE |

| TOOLS REQUIRED | |
|--------------------------------|--|
| DRILL | |
| 9/16" DRILL BIT | |
| DIE GRINDER | |
| RATCHET | |
| 10mm, 13mm, 18mm & 3/4" SOCKET | |
| TORQUE WRENCH | |
| TAPE MEASURE | |
| MARKER | |
| UTILITY KNIFE | |

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31033 JEEP GRAND CHEROKEE AND DODGE DURANGO

12/7/2012

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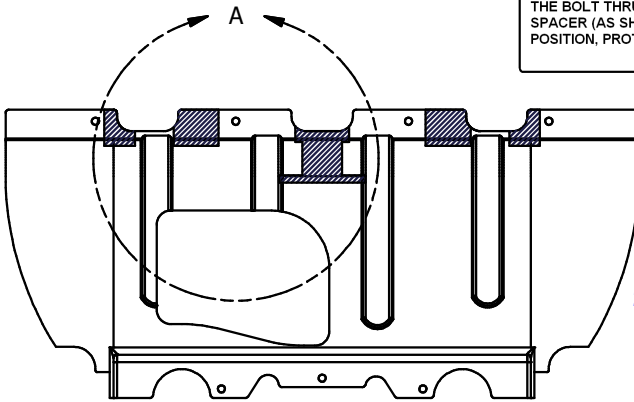
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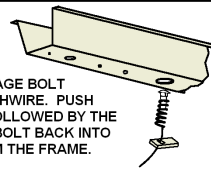
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TRIM DIAGRAM



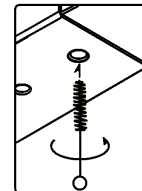
REVERSE PULL FISHWIRE TECHNIQUE

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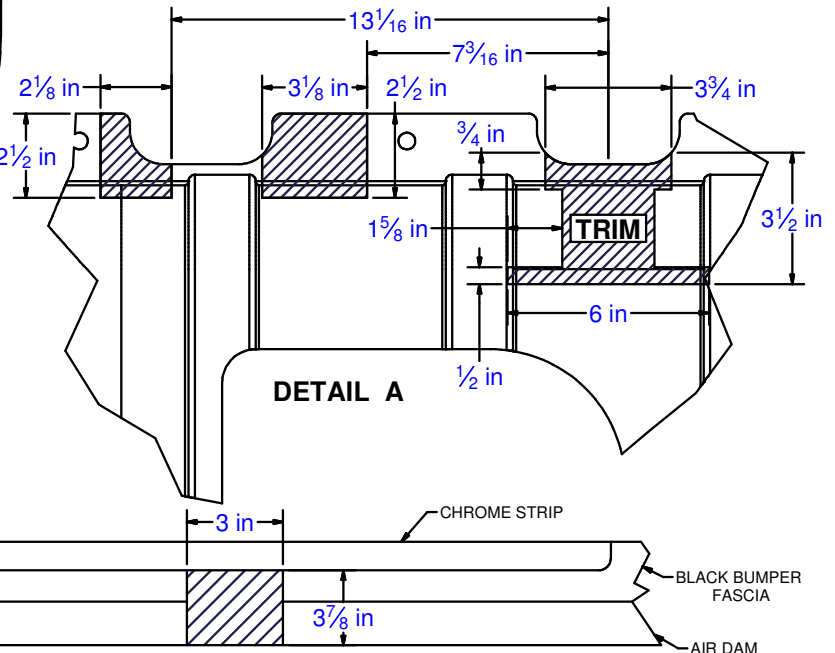


WELDNUT CLEANING

To remove debris from weldnuts in frame, spray lubricant or compressed air into hole. For heavy debris, use a small wire brush. (Be careful not to damage threads).



**NOTE: TRIM DIMENSIONS ARE APPROXIMATE
CONFIRM FIT PRIOR TO TRIMMING**



HITCH WEIGHT: 42 LBS.

INSTALL TIME

PROFESSIONAL: 35 MINUTES

NOVICE (DIY): 70 MINUTES

INSTALL NOTES:

- DRILLING REQUIRED
- ENLARGE HOLES
- FISHWIRE HARDWARE
- FASCIA TRIMMING

DODGE DURANGO BUMPER TRIM DIAGRAM

INSTALLATION STEPS

1. Remove plastic underbody panel by removing (7) bolts and (1) plastic fastener. This can be trimmed and reinstalled in step 8 or returned to vehicle owner.
2. Lift hitch into position, secure with M10 bolts and mark (4) drill hole locations.
3. Remove M10 bolts, lower hitch and drill (4) holes at marked locations. **Note:** Use a die grinder to enlarge (1) drilled hole on each frame rail so it is large enough for the included 1/2" hardware to pass through.
4. Use a die grinder to enlarge (2) mounting locations on vehicle cross member so the included 1/2" hardware can be reverse fishwired into position.
5. Fishwire (2) 1/2" carriage bolts and (2) CM-SP6 spacers into position. Reverse fishwire (4) 1/2" carriage bolts and (4) CM-SP6 spacers into position. See FISHWIRE TECHNIQUE / REVERSE PULL TECHNIQUE above.
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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

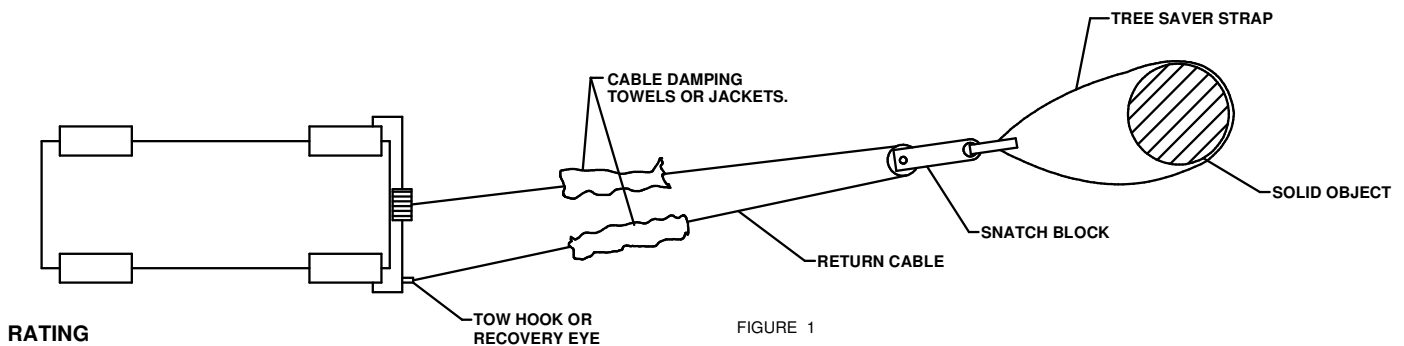
1) Use OEM tow hooks, recovery eyes or a clevis mount for attachment of a tow strap or winch cable.

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.



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.

