



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

YEARS: 2015-PRESENT

MAKE: LAND ROVER

MODEL: DISCOVERY SPORT

STYLE: SUV

WARNING: NEVER EXCEED YOUR VEHICLE MANUFACTURER'S RECOMMENDED TOWING CAPACITY
 For more information log onto www.curtmfg.com & for helpful towing tips log onto www.hitchinfo.com

WEIGHT CARRYING:
 TRAILER WEIGHT: 5000 LBS.
 TONGUE WEIGHT: 750 LBS.

WARNING:
 WE RECOMMEND THE USE OF 18050 STABILIZING STRAPS FOR ALL NON-TRAILER (WHEEL-LESS) LOADS. PLEASE SEE THE CURT CATALOG OR VISIT US ONLINE AT WWW.CURTMFG.COM FOR FURTHER INFORMATION.

PRO INSTALL TIME: 90 MIN.
NOVICE INSTALL TIME: 180 MIN.

IF YOU ARE HESITANT TO UNDERTAKE THIS TASK ON YOUR OWN, CONTACT AN AUTHORIZED CURT INSTALLER FOR ADDITIONAL ASSISTANCE.

INSTALLATION REQUIRES:

RATCHET	TORQUE WRENCH	6" SOCKET EXTENSION
10mm 15mm SOCKET	OFFSET SCREWDRIVER	SCREW DRIVER
SAFETY GLASSES	AVIATION SHEARS	

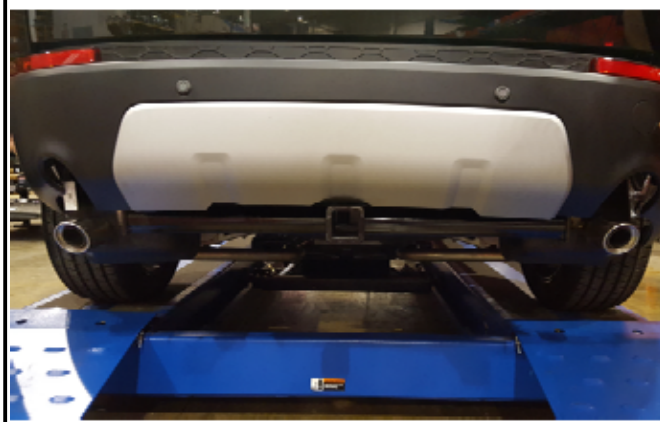
INSTALLATION TIPS:

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

LEVEL OF DIFFICULTY: MODERATE

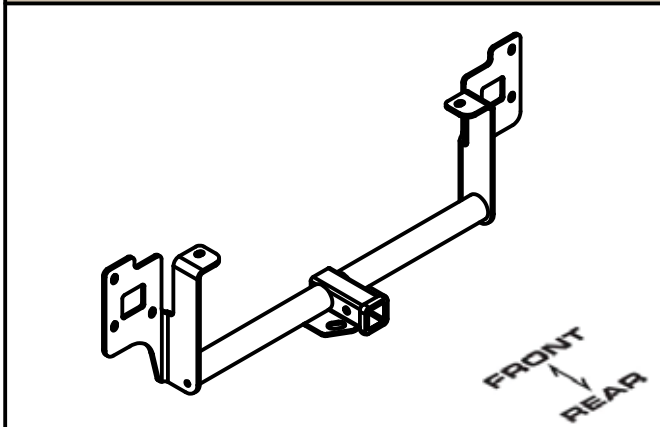
EASY	MODERATE	CHALLENGING
	TRIM UNDERBODY PANEL	
	REVERSE FISHWIRE HARDWARE	
	NO DRILLING REQUIRED	
	TEMPORARILY REMOVE BUMPER FASCIA, TRIM FASCIA AND UNDERBODY PANEL	
	TEMPORARILY LOWER EXHAUST	

VEHICLE PHOTO:



REPRESENTATIVE PHOTO

HITCH ILLUSTRATION:



MAKE SURE YOUR HITCH MATCHES

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

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.

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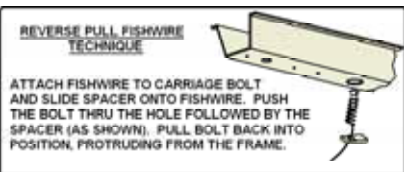
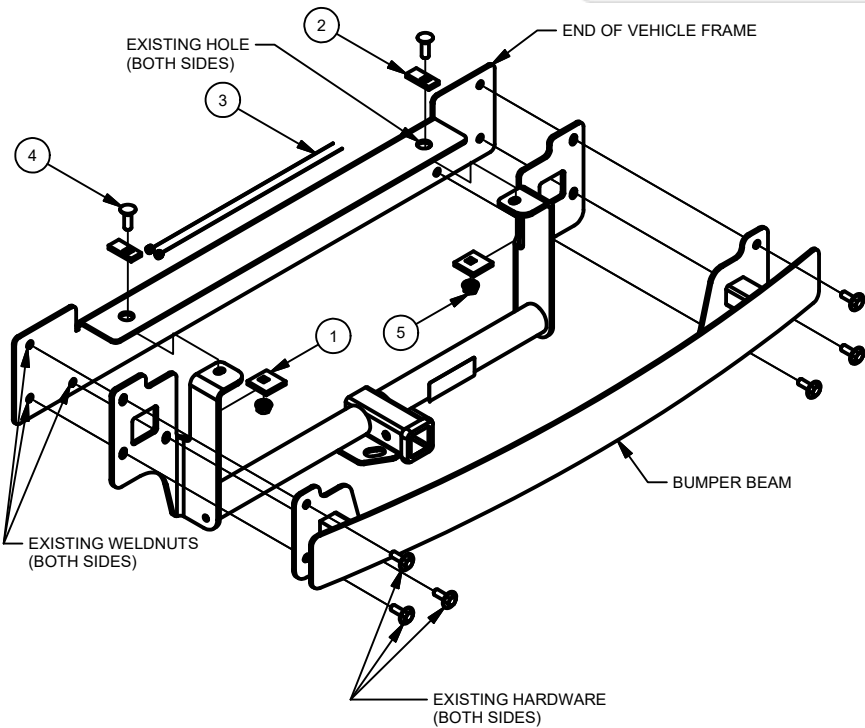
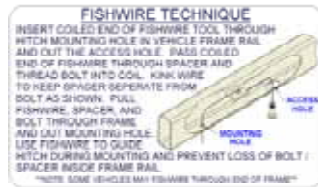
This product complies with safety specifications and requirements for connecting devices and towing systems of the state of New York, V.E.S.C.Regulation V-5 and SAE J684.



SCAN FOR MORE INFO

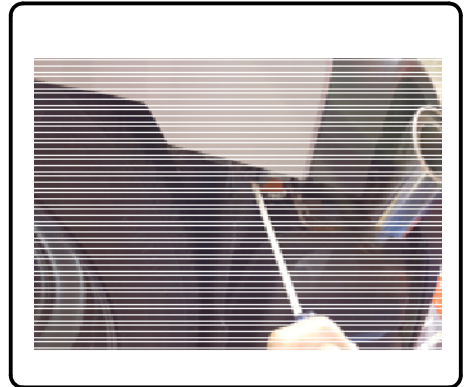
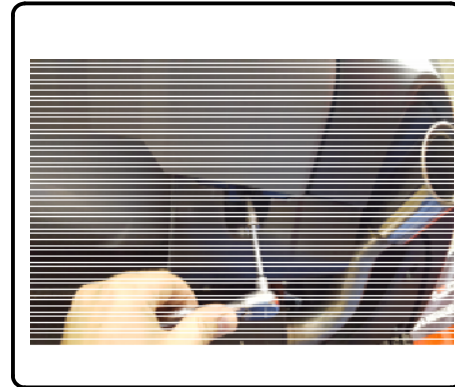
INSTALLATION WALKTHROUGH:

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	CM-SP68	.313 x 2.13 x 2.13" 9/16" SQUARE HOLE SPACER
2	2	CM-SP70	.313 x 1.00 x 2.50" 9/16" SQUARE HOLE SPACER
3	2	9_16 FISHWIRE	9/16" FISHWIRE
4	2	9_16-12 x 1 3/4	CARRIAGE BOLT
5	2	9_16-12 FLANGE NUT	HEX FLANGE NUT

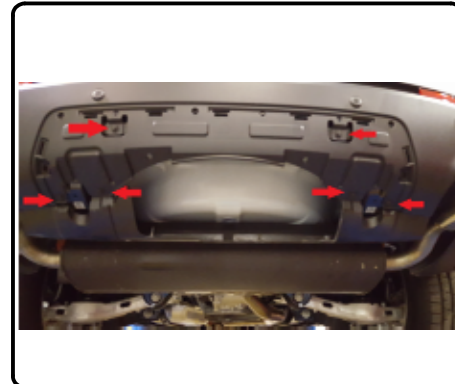


FRONT
↓
REAR

1. Remove (2) M6 bolts from trim panel using 10mm socket.
Note: Third row equipped vehicles, instead remove (2) screws from trim panel using a screwdriver.

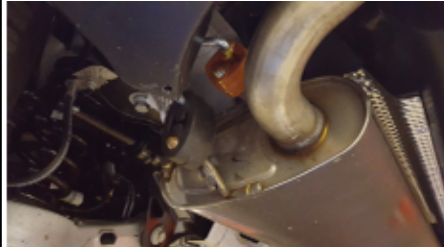


2. Remove (6) M6 bolts from fascia using 10 mm socket.
Note: on third row equipped vehicles, instead remove (4) M6 bolts from fascia using 10mm socket.



INSTALLATION WALKTHROUGH:

3. Locate and disconnect (1) rubber isolator on the passenger side and (2) on the driver side. Note: Third row equipped vehicles will have (1) rubber isolator on each side.



4. Locate and remove (6) M6 nuts and (2) M6 bolts from the underbody panel/ heat shield using 10 mm socket.



5. On inside of wheel well, remove (2) screws from the wheel well on both sides using offset screwdriver or ratchet and screwdriver bit.



6. Remove part of wheel well trim to locate (1) M6 bolt. Remove bolt on both sides using 10mm socket.



INSTALLATION WALKTHROUGH:

7. Remove interior panels on each side to reveal tension screw.
Remove tension screw using screwdriver.



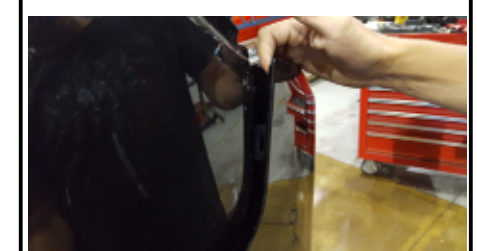
8. Grab tail light and pull straight out to remove tail light on both sides. Unplug light and set aside for later reinstallation.



9. Remove the (2) screws, (1) on each side, that was behind the light with philips screwdriver.
Remove (2) plastic push pin on each side by reaching behind the fascia and pushing out from the vehicle.

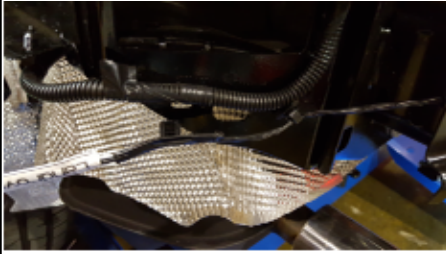


10. Carefully remove bumper cover starting from the sides and working towards the rear of the vehicle. Set aside for later reinstallation.

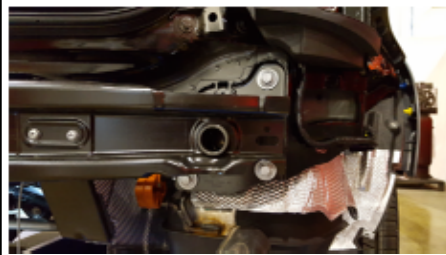


INSTALLATION WALKTHROUGH:

11. Locate and unplug sensor on driver side of bumper.
Note: For third row equipped vehicles, this step is not needed.



12. Locate and remove (6) M10 bolts with 15 mm socket that attach the bumper beam to the car. Temporarily remove bumper beam for later reinstallation.



13. Reverse fishwire (2) 9/16" bolts and CM-SP68 spacers through the hole on driver and passenger side. Pull hardware back through hole where spacer catches the frame.

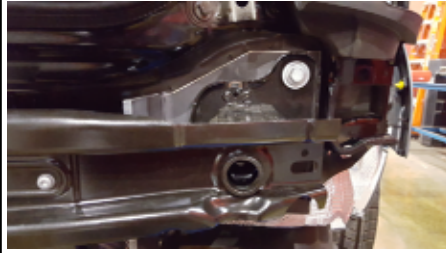


14. Place bumper beam over top of hitch by sliding it from the top down. Make sure the exhaust hangers go in the cut out area of the hitch. Raise hitch into position with bumper beam.

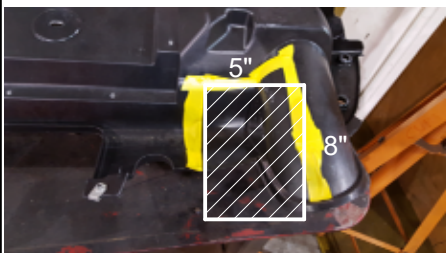
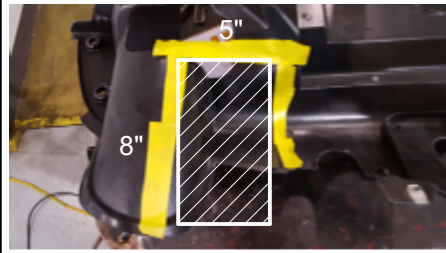


INSTALLATION WALKTHROUGH:

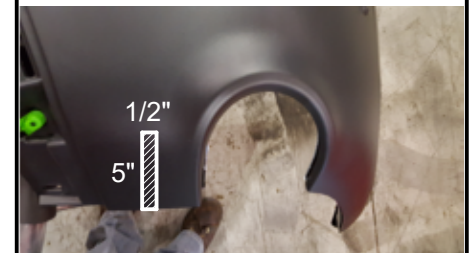
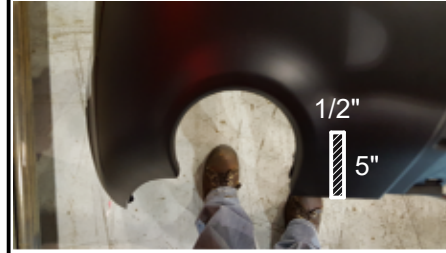
15. Fishwire the (2) 9/16" bolts in the top flange of the hitch. Secure hitch using existing hardware from bumper. Attach CM-SP70 spacers and 9/16" hex flange nuts to the carriage bolts.



16. On underbody panel, tape out a 5" x 8" area and trim using aviation shears on either side of the panel.



17. On bumper fascia, mark out a 1/2" by 5" slit and cut out on both sides of the fascia.



18. Torque M10 hardware to 45 ft-lbs. and 9/16" hardware to 130 ft-lbs. Reinstall following steps 1-12 in reverse order.



TOWING SAFETY INFORMATION

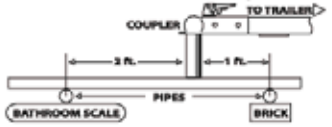
Gross Trailer Weight / GTW

The Gross Trailer Weight is the weight of the trailer & cargo. Measure this by putting the fully loaded trailer on a vehicle scale.



Tongue Weight / TW

The downward force that is exerted on the hitch ball by the coupler. The tongue weight will vary depending on where the load is positioned in relationship to the trailer axle(s). To measure the tongue weight, use either a commercial scale or a bathroom scale with the coupler at towing height. When using a bathroom scale with heavier tongue weights, use the method shown and multiply the scale reading by 3.



Weight Carrying / WC

The total weight of both the trailer and the cargo inside. Never exceed the weight capacity of your trailer hitch.

Weight Distribution / WD

Used to balance the weight of the cargo between the front and rear wheels throughout the trailer, allowing for better steering, braking, and level riding.



Sway Control

A device used to reduce the lateral movements of the trailer that are caused by the wind. This works in conjunction with a weight distribution hitch. Do not use this on a class 1 or 2 hitch, or with surge brakes.

How Much Can You Safely Tow?

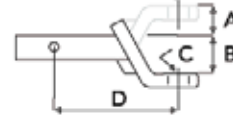
TONGUE WEIGHT	1000	2000	3000	4000	5000	6000	7000	8000	10,000	12,000
Tongue weight should be about 10 to 15 percent of the gross trailer weight.										
CLASS 1										
CLASS 2										
CLASS 3										
CLASS 4										
CLASS 5										
TRAILER TYPE										
Camper	11'	12'	13'	14'	15'	16'				
lbs.	1100	1200	1300	1400	1500	1600				
Vacation	14'	16'	18'	20'	22'	24'	26'	28'	30'	32'
lbs.	2100	2400	2700	3000	3300	3600	3900	4200	4500	4800
Vacation	14'	16'	18'	20'	22'	24'	26'	28'	30'	32'
lbs.	2800	3200	3600	4000	4400	4800	5200	5600	6000	6400
5th Wheel										

Refer to owner's manual for towing capabilities and limitations.

Ball Mount

The ball mount is placed inside the opening of the receiver hitch which is mounted to the vehicle. Make sure a hitch pin and clip is properly securing the ball mount to the receiver hitch before you begin towing.

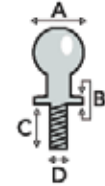
- A: Rise. B: Drop. C: Hole Size. D: Length.



Trailer Ball

The connection from the hitch to the trailer. There are many factors that determine the correct hitch ball:

- Number one is the hitch ball's gross trailer weight rating.
- The mounting platform must be at least 3/8" thick.
- The hole diameter must not be more than 1/16" larger than the threaded shank.
- Every time you tow, check the nut and lock washer to make sure they are fastened securely.
- A: Ball Dia. B: Shank Dia. C: Shank Length. D: Shank Rise.



Coupler

The component that is placed over the trailer ball to connect the vehicle to the trailer. Be sure that the coupler size matches the size of the hitch ball and that the coupler handle is securely fastened. To determine what size hitch ball you need for your application you will need to know the size of coupler that is on the trailer. Be sure your coupler is properly adjusted to the ball you are using.

NOTE: For added security the use of safety devices such as Coupler Safety Pins and Locks is strongly recommended.

Safety Chains

Safety chains are a requirement and should be crossed under the tongue of the trailer so that the tongue will not drop to the road if it becomes separated from the hitch. Always leave enough slack so you can turn. Never allow the safety chains to drag on the ground and never attach the chains to the bumper.

Trailer Classification: Safety Chain Breaking Force - Minimum

- Class 1: 2,000 lbs. (8.9 kN)
- Class 2: 3,500 lbs. (15.6 kN)
- Class 3: 5,000 lbs. (22.2 kN)

The strength rating of each length of safety chain or its equivalent and its attachments shall be equal to or exceed in minimum breaking force the GVWR (Gross Vehicle Weight Rating) of the trailer.

Electrical

Trailer lights, Electric Brakes, Break-away systems - Every time you tow, be sure to check that all components are working properly.

Wiring identification by color:



GROSS LOAD CAPACITY WHEN USED AS A WEIGHT CARRYING HITCH: 5000 LBS. TRAILER WEIGHT & 750 LBS. TONGUE WEIGHT.

WARNING: ALL NON-TRAILER LOADS APPLIED TO THIS PRODUCT MUST BE SUPPORTED BY 18050 STABILIZING STRAPS.



WARNING: ** FAILURE TO PROPERLY SUPPORT NON-TRAILER LOADS WILL VOID PRODUCT WARRANTY **

WARNING: * DO NOT EXCEED VEHICLE MANUFACTURER'S RECOMMENDED TOWING CAPACITY *****

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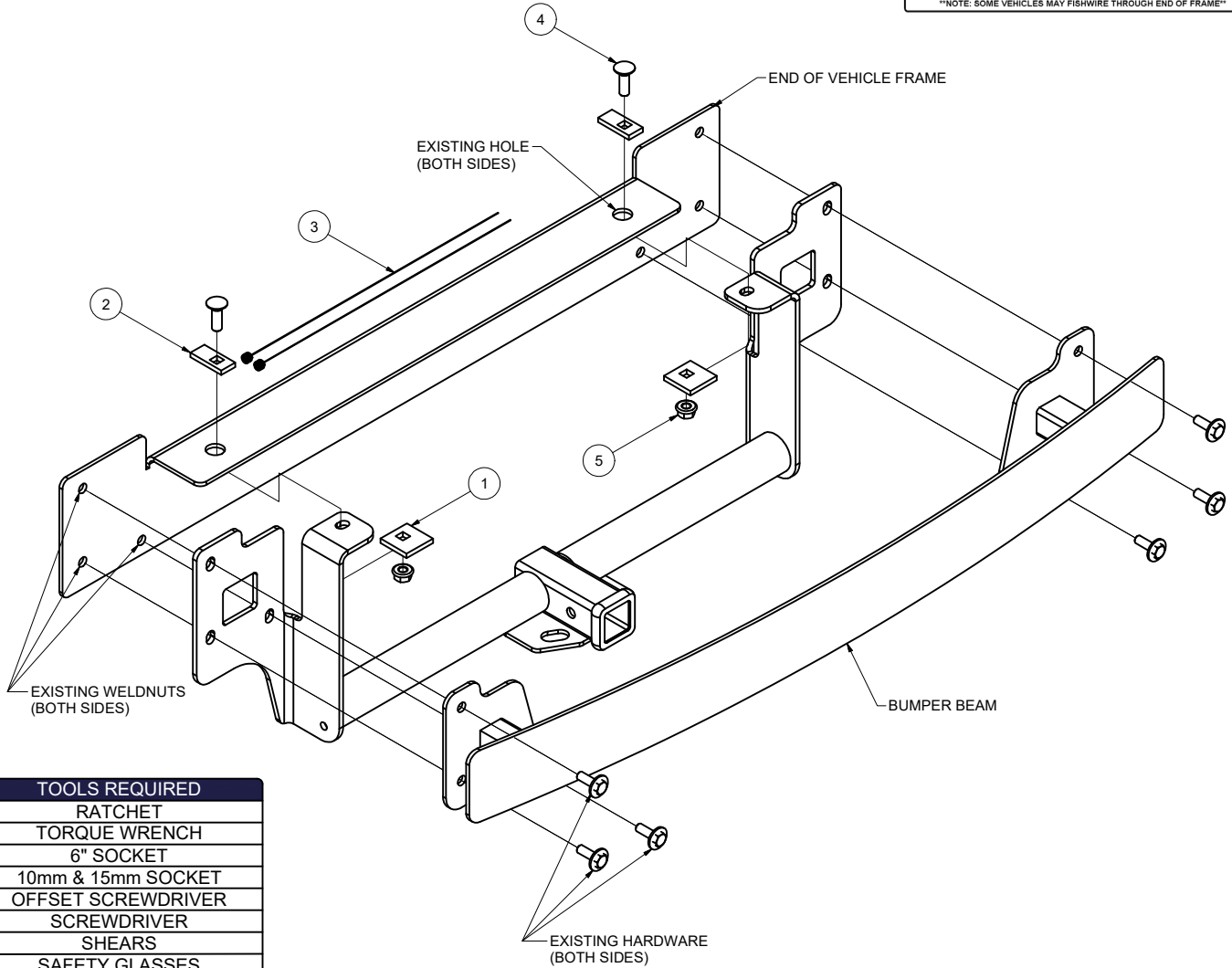


Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	CM-SP68	.313 x 2.13 x 2.13" 9/16" SQUARE HOLE SPACER
2	2	CM-SP70	.313 x 1.00 x 2.50" 9/16" SQUARE HOLE SPACER
3	2	9_16 FISHWIRE	9/16" FISHWIRE
4	2	9_16-12 x 1 3/4	CARRIAGE BOLT
5	2	9_16-12 FLANGE NUT	HEX FLANGE NUT

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



TOOLS REQUIRED
RATCHET
TORQUE WRENCH
6" SOCKET
10mm & 15mm SOCKET
OFFSET SCREWDRIVER
SCREWDRIVER
SHEARS
SAFETY GLASSES

HITCH WEIGHT: 45 LBS.

INSTALL TIME

PROFESSIONAL: 90 MINUTES

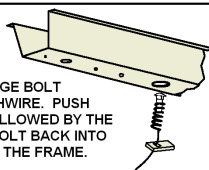
NOVICE (DIY): 180 MINUTES

INSTALL NOTES:

- NO DRILL
- TEMPORARILY REMOVE UNDERBODY PANEL
- TEMPORARILY REMOVE FASCIA
- TRIM FASCIA & UNDERBODY PANEL

REVERSE PULL FISHWIRE TECHNIQUE

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.



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



Scan for more information

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INSTALLATION STEPS

1. Remove (2) M6 bolts from trim panel using 10mm socket.
Note: Third row equipped vehicles, instead remove (2) screws from trim panel using a screwdriver or ratchet and screwdriver bit.
2. Remove (6) M6 bolts from fascia using 10 mm socket.
Note: On third row equipped vehicle, instead remove (4) M6 bolts from fascia using 10mm socket.
3. Locate and disconnect (1) rubber isolator on the passenger side and (2) on the driver side.
Note: Third row equipped vehicles will have (1) rubber isolator on each side.
4. Locate and remove (6) M6 nuts and (2) M6 bolts from the underbody panel/heat shield using 10 mm socket.
5. On inside of wheel well, remove (2) screws from the wheel well on both sides using offset screwdriver.
6. Remove part of wheel well trim to locate (1) 10mm bolt. Remove bolt on both sides using 10 mm socket.
7. Remove interior panels on each side to reveal tension screw. Remove tension screw using screwdriver.
8. Grab tail light and pull straight out to remove tail light on both sides. Unplug light and set aside for later reinstallation.
9. Remove the (2) screws, (1) on each side, that was behind the light with philips screwdriver. Remove (2) plastic push pin on each side by reaching behind the fascia and pushing out from the vehicle.
10. Carefully remove bumper cover starting from the sides and working towards the rear of the vehicle. Set aside for later reinstallation.
11. Locate and unplug sensor on driver side of bumper.
Note: For third row equipped vehicles, this step is not needed.
12. Locate and remove (6) M10 bolts with 15mm socket that attach the bumper beam to the car. Temporarily remove bumper beam for later reinstallation.
13. Reverse fishwire (2) 9/16" bolts and CM-SP68 spacers through the hole on driver and passenger side. Pull hardware back through hole where spacer catches the frame.
14. Place bumper beam over top of hitch by sliding it from the top down. Make sure the exhaust hangers go in the cut out area of the hitch. Raise hitch into position with bumper beam.
15. Fishwire the (2) 9/16" bolts in the top flange of the hitch. Secure hitch using existing hardware from bumper. Attach CM-SP70 spacers and 9/16" hex flange nuts to the carriage bolts.
16. On underbody panel, tape out a 5" x 8" area and trim using aviation shears on either side of the panel.
17. On bumper fascia, mark out a 1/2" by 5" slit and cut out on both sides of the fascia.
18. Torque M10 hardware to 45 ft-lbs. and 9/16" hardware to 130 ft-lbs. Reinstall following steps 1-12 in reverse order.

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