

YEARS: 2017-PRESENT

MAKE: KIA

MODEL: NIRO

STYLE: CUV

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: 3500 LBS.
 TONGUE WEIGHT: 525 LBS.

PRO INSTALL TIME: 20 MIN.
NOVICE INSTALL TIME: 45 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
12mm 16mm 1 1/16" SOCKET	MASKING TAPE	AVIATION SHEARS
SAFETY GLASSES		

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

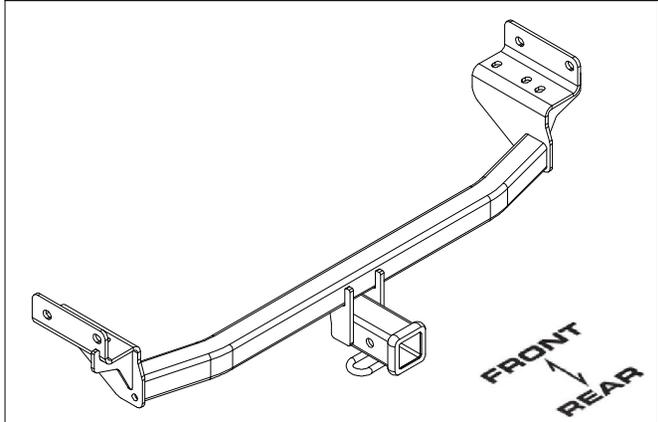
EASY	MODERATE	CHALLENGING
NO DRILLING REQUIRED		
LOWER EXHAUST		
REVERSE FISHWIRE HARDWARE REQUIRED		
REMOVE METAL GUARD TEMPORARILY REMOVE PLASTIC PANEL		
TRIM PLASTIC PANEL REQUIRED		

VEHICLE PHOTO:



REPRESENTATIVE PHOTO

HITCH ILLUSTRATION:



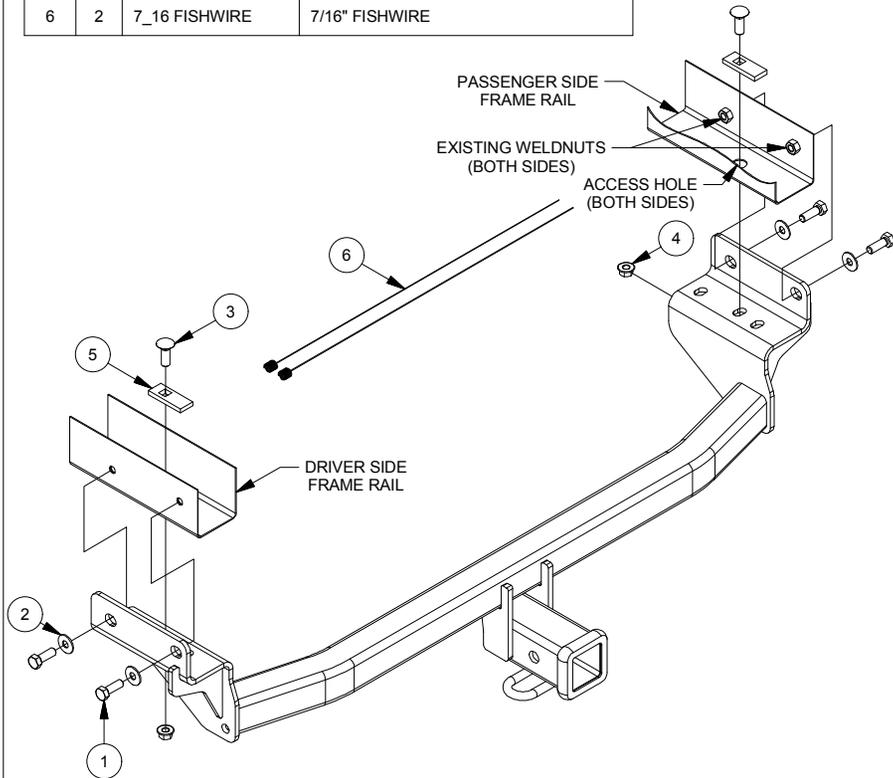
MAKE SURE YOUR HITCH MATCHES



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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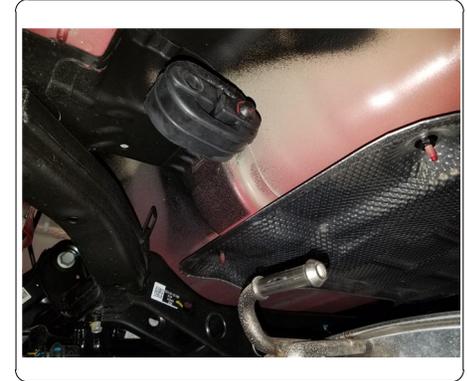
INSTALLATION WALKTHROUGH:

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	M10 - 1.25 x 30 HEX	HEX BOLT
2	4	3/8"	CONICAL TOOTHED WASHER
3	2	7/16-14 x 1 1/4	CARRIAGE BOLT
4	2	7/16-14	HEX FLANGE NUT
5	2	CM-SP2	.250 x .88 x 2.25" SQUARE HOLE SPACER
6	2	7_16 FISHWIRE	7/16" FISHWIRE

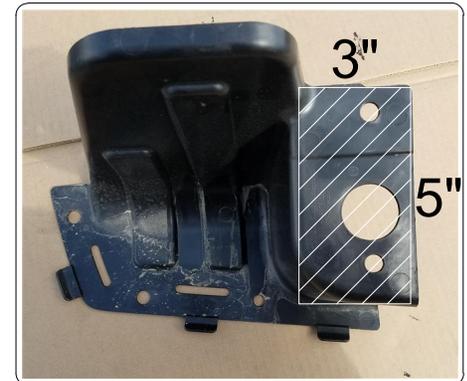
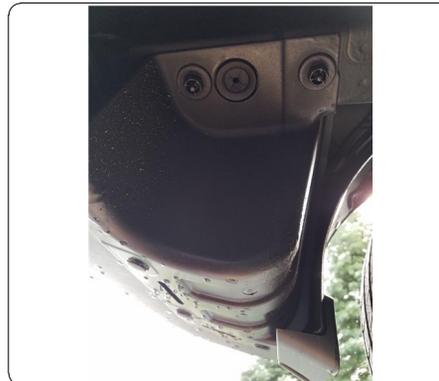


FRONT
↑
REAR

1. Remove (4) bolts securing the metal exhaust guard using a 12mm socket as shown, return to customer. Lower exhaust by removing (3) rubber exhaust isolators, (1) on the driver side, (1) on the passenger side, and (1) in the center of the vehicle.

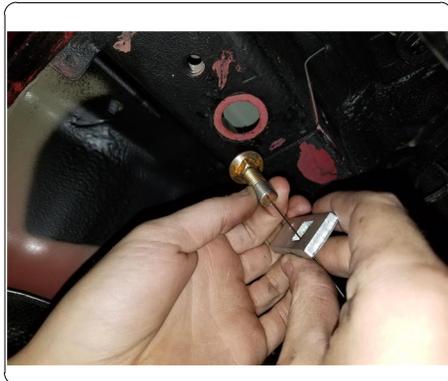
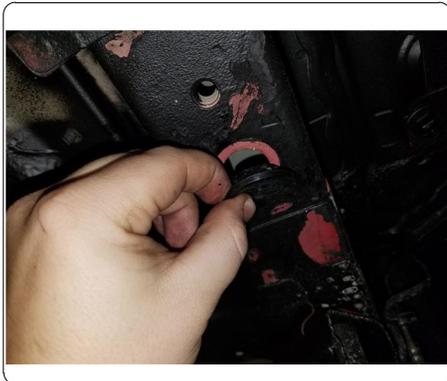


2. Remove (3) plastic push pins and (2) plastic nuts securing the plastic panel using a screwdriver and a 14mm socket. Mark out a 3" x 5" section using masking tape and trim using aviation shears. Confirm trim prior to reinstallation.

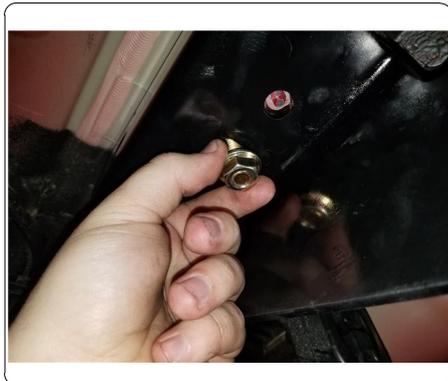


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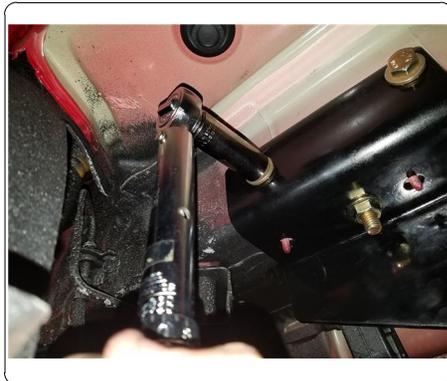
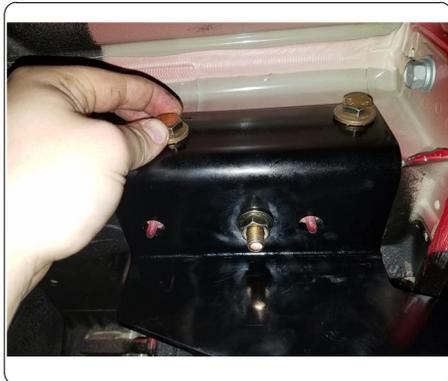
3. Remove (1) rubber plug from each side of the frame rail to reveal access hole and reverse fishwire (2) 7/16" carriage bolts and (2) CM-SP2 spacers, (1) on each side, through the access hole of the frame rail. (SEE REVERSE FISHWIRE DIAGRAM)



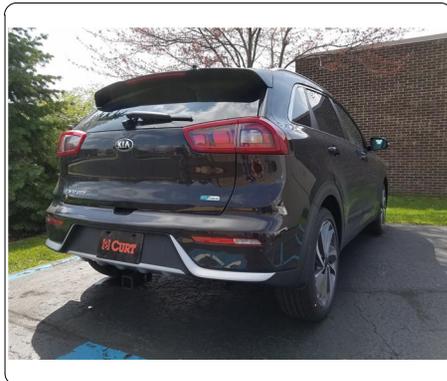
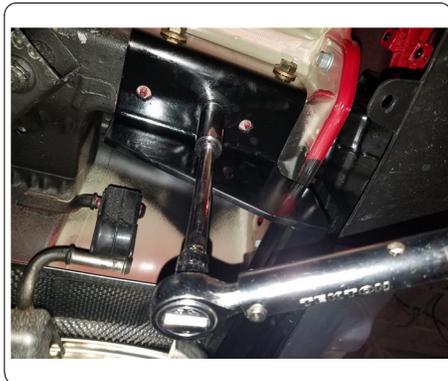
4. Raise hitch into position and feed fishwires through center hole on the hitch. Remove fishwires and loosely secure with 7/16" hex flange nuts.



5. Install (4) M10-1.25 hex bolts and (4) conical tooth washers, (2) on each side of the hitch.



6. Torque all M10 hardware to 45 ft-lbs. and all 7/16" hardware to 59 ft-lbs. Reinstall following steps 1 and 2 in reverse order.



13329

KIA NIRO

7/11/2017

GROSS LOAD CAPACITY WHEN USED AS A WEIGHT CARRYING HITCH: 3,500 LBS. TRAILER WEIGHT & 525 LBS. TONGUE WEIGHT.



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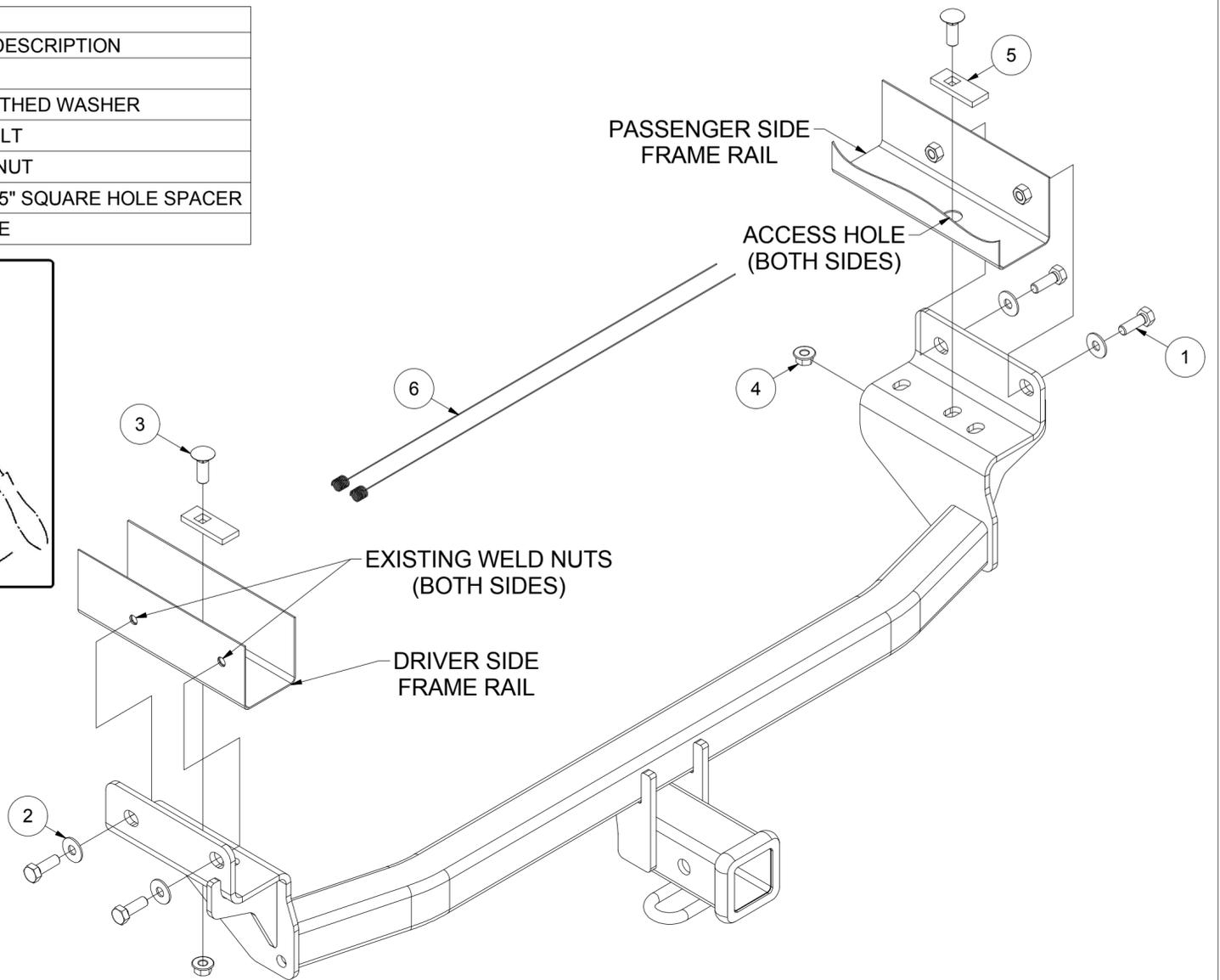
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6	2	7_16 FISHWIRE	7/16" FISHWIRE

RUBBER ISOLATOR REMOVAL DIAGRAM

This technique can be used if an Exhaust Hanger Removal Pliers is not available.

Using a 5/8" open end wrench, slide the wrench up to the rubber isolator, cradling the hanger rod as shown. Next place the flat edge of a pry bar between the wrench and the hanger stop or hanger rod. Then simply rotate the pry bar toward the wrench to remove the rubber isolator.

Note: Using a spray lubricant or soapy water on the hanger rod and the rubber isolator helps removal.



HITCH WEIGHT: 28 LBS.

INSTALL TIME

PROFESSIONAL: 20 MINUTES

NOVICE (DIY): 45 MINUTES

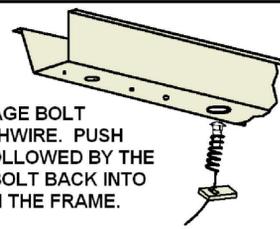
INSTALL NOTES:

- NO DRILLING REQUIRED
- REVERSE FISHWIRE HARDWARE REQUIRED
- TEMPORARILY REMOVE PLASTIC PANEL/REMOVE METAL GUARD
- TRIMMING REQUIRED

TOOLS REQUIRED
RATCHET
TORQUE WRENCH
6" SOCKET EXTENSION
12mm, 16mm, 11/16" SOCKETS
MASKING TAPE
AVIATION SHEARS
SAFETY GLASSES

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.



INSTALLATION STEPS

1. Remove (4) bolts securing the metal exhaust guard using a 12mm socket as shown, return to customer. Lower exhaust by removing (3) rubber exhaust isolators, (1) on the driver side, (1) on the passenger side, and (1) in the center of the vehicle.
2. Remove (3) plastic push pins and (2) plastic nuts securing the plastic panel using a screwdriver and a 14mm socket. Mark out a 3" x 5" section using masking tape and trim using aviation shears. Confirm trim prior to reinstallation.
3. Remove (1) rubber plug from each side of the frame rail to reveal access hole and reverse fishwire (2) 7/16" carriage bolts and (2) CM-SP2 spacers, (1) on each side, through the access hole of the frame rail.
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(SEE REVERSE FISHWIRE DIAGRAM)
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6. Torque all M10 hardware to 45 ft-lbs. and all 7/16" hardware to 59 ft-lbs. Reinstall following steps 1 and 2 in reverse order.



Scan for more information

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