



11402 INSTALLATION INSTRUCTIONS



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

YEARS: 2016-PRESENT
2015-PRESENT

MAKE: KIA
HYUNDAI

MODEL: OPTIMA
SONATA (INCLUDING BLUE DRIVE)

STYLE: SEDAN
SEDAN

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

WEIGHT CARRYING: TRAILER WEIGHT: 2,000 LBS.
TONGUE WEIGHT: 200 LBS.

PRO INSTALL TIME: 30 MIN.

NOVICE INSTALL TIME: 60 MIN.

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

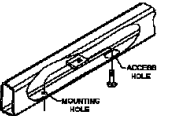
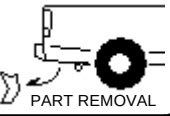
INSTALLATION REQUIRES:

	 10 mm 3/4 in	 SPRAY LUBRICANT
RATCHET	SOCKET	
		
PRY BAR	TORQUE WRENCH	SAFETY GLASSES
		
DIE GRINDER		

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.

LEVEL OF DIFFICULTY: EASY

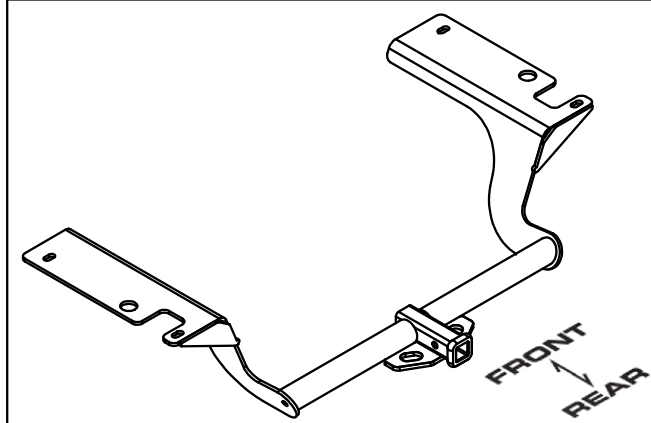
EASY	MODERATE	CHALLENGING
	- REMOVE RUBBER EXHAUST HANGERS	
	- FISHWIRE HARDWARE	
	- REMOVE HEAT SHIELD(S)	
	- MAY REQUIRE HOLE ENLARGEMENT	
	- TRIM UNDERBODY PANEL (IF PRESENT)	

VEHICLE PHOTO:



REPRESENTATIVE PHOTO

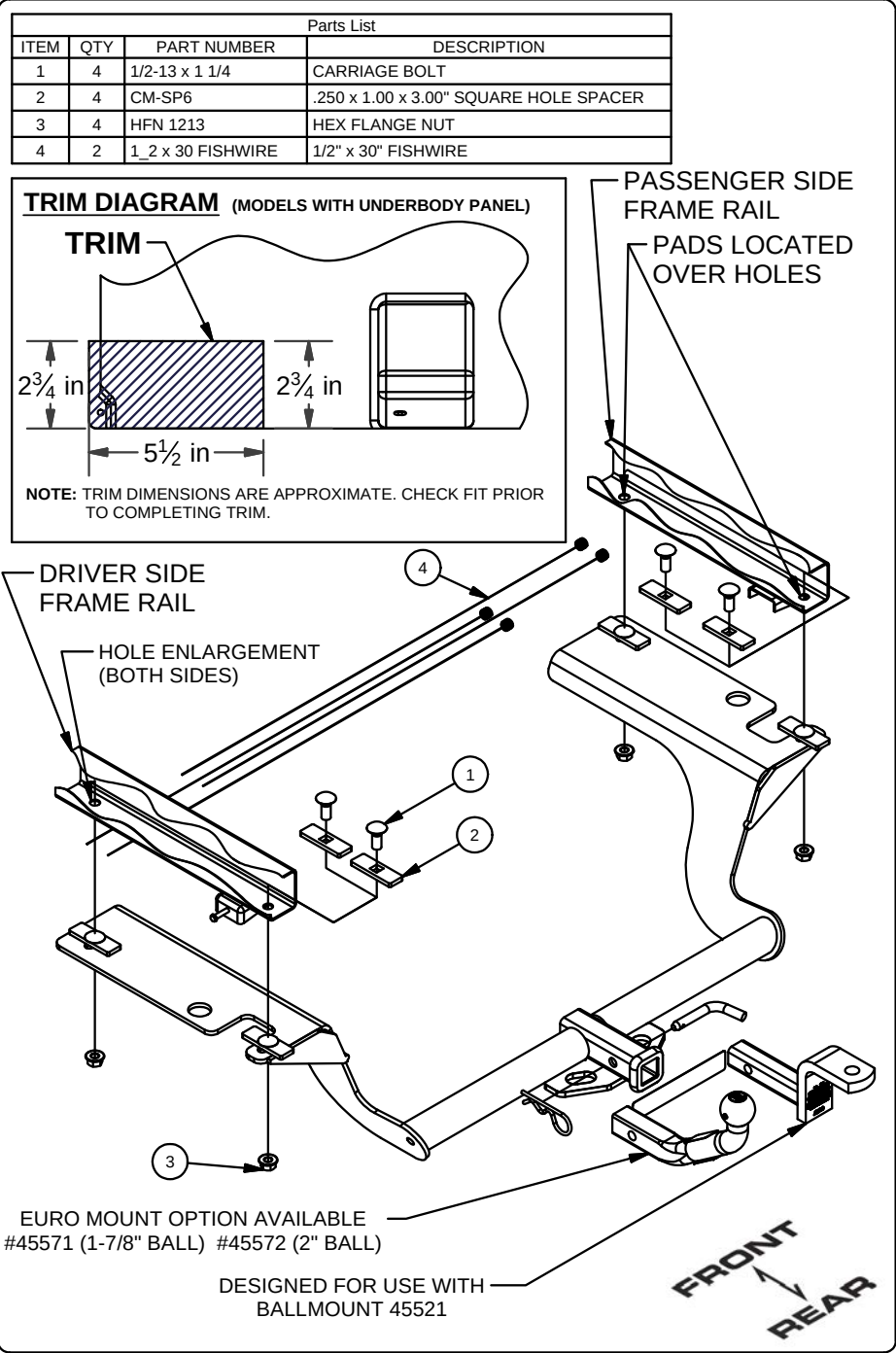
TRAILER HITCH ILLUSTRATION:



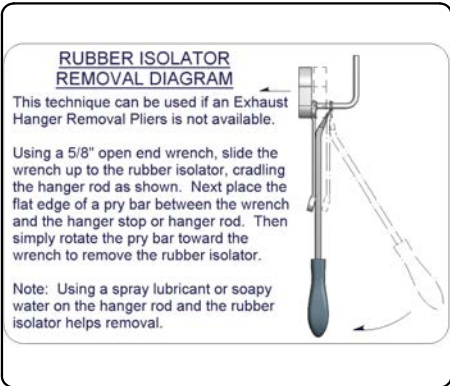
MAKE SURE YOUR HITCH MATCHES

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.

INSTALLATION WALKTHROUGH:



1. Remove rubber exhaust hangers and temporarily lower exhaust.
(See RUBBER ISOLATOR REMOVAL DIAGRAM below)
Note: Be sure to support exhaust to prevent damage.



2. Temporarily remove heat shield(s) by removing (3) fasteners with a 10mm socket and remove plastic underbody panel (if present) by removing (4) plastics fasteners and (2) fasteners with a 10mm socket.

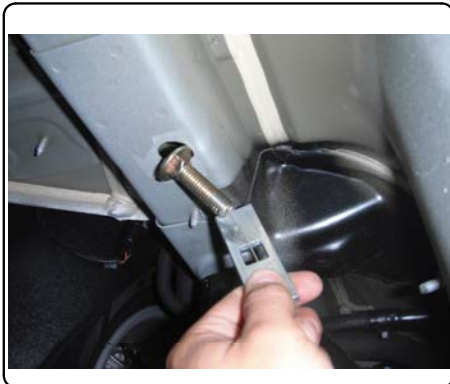


INSTALLATION WALKTHROUGH:

3. Remove (2) pads from each frame rail and discard. These pads cover holes which will be used to mount hitch. You will have to enlarge the forward-most hole to allow 1/2" bolts and spacers to pass through.



4. Fishwire 1/2" bolts and spacers into position through enlarged hole and out rear holes. Reverse fishwire 1/2" bolts and spacers into enlarged holes. (Both sides)



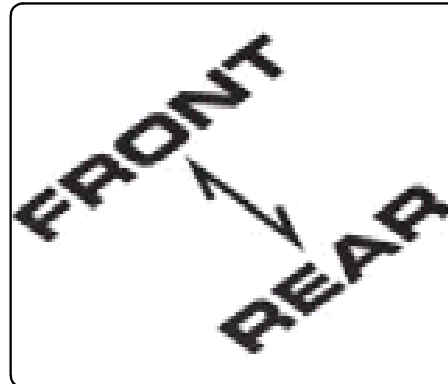
5. Raise hitch into position and attach to frame using 1/2" flange nuts.

NOTE: Be careful not to push hardware into frame when raising hitch into position.



6. Torque all 1/2" hardware to 110 ft-lbs. Reinstall heat shield(s) and leave rear most fastener off. Raise exhaust back into position. If underbody panel was present, trim and reinstall. (See TRIM DIAGRAM)

Installation complete.



11402

HYUNDAI SONATA (INCLUDING BLUE DRIVE) & KIA OPTIMA

1/5/2016

GROSS LOAD CAPACITY WHEN USED AS A WEIGHT CARRYING HITCH: 2,000 LBS. TRAILER WEIGHT & 200 LBS. TONGUE WEIGHT.

DO NOT EXCEED VEHICLE MANUFACTURER'S RECOMMENDED TOWING CAPACITY.

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

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

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	1/2-13 x 1 1/4	CARRIAGE BOLT
2	4	CM-SP6	.250 x 1.00 x 3.00" SQUARE HOLE SPACER
3	4	HFN 1213	HEX FLANGE NUT
4	2	1_2 x 30 FISHWIRE	1/2" x 30" FISHWIRE

TOOLS REQUIRED

RATCHET
10 mm SOCKET
3/4 in SOCKET
PRY BAR
TORQUE WRENCH

FRONT
↓
REAR

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.

RUBBER ISOLATOR REMOVAL DIAGRAM

This technique can be used if and Exhaust Hanger Removal Pliers are 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.

FISHWIRE TECHNIQUE

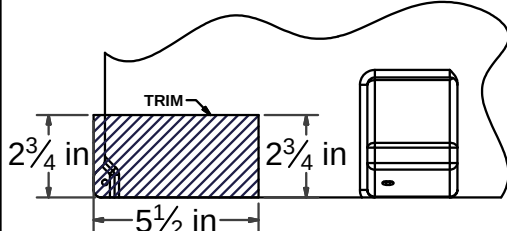
INSERT COILED END OF FISHWIRE TOOL THROUGH HITCH MOUNTING HOLE IN VEHICLE FRAME RAIL AND OUT THE ACCESS HOLE. PASS COILED END OF FISHWIRE THROUGH SPACER AND THREAD BOLT INTO COIL. KINK WIRE TO KEEP SPACER SEPARATE FROM BOLT AS SHOWN. PULL FISHWIRE, SPACER, AND BOLT THROUGH FRAME AND OUT MOUNTING HOLE.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

PADS LOCATED OVER HOLES
NOTE: YOU NEED TO ENLARGE THIS HOLE, BOTH SIDES.

VEHICLE FRAME RAIL (BOTH SIDES)

TRIM DIAGRAM (MODELS WITH UNDERBODY PANEL)



NOTE: TRIM DIMENSIONS ARE APPROXIMATE. CHECK FIT PRIOR TO COMPLETING TRIM.

HITCH WEIGHT: 34 LBS.

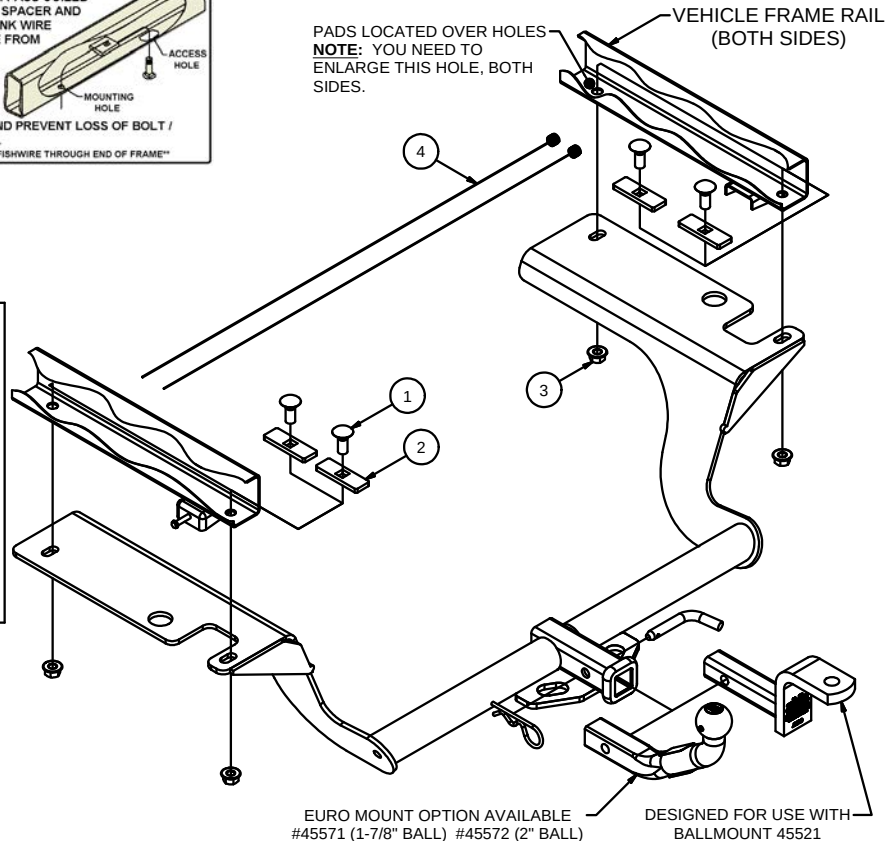
INSTALL TIME

PROFESSIONAL: 30 MINUTES

NOVICE (DIY): 60 MINUTES

INSTALL NOTES:

- MAY REQUIRE HOLE ENLARGEMENT
- FISHWIRE HARDWARE
- LOWER EXHAUST
- REMOVE HEAT SHIELD



INSTALLATION STEPS

1. Remove rubber exhaust hangers and temporarily lower exhaust. (See RUBBER ISOLATOR REMOVAL DIAGRAM)
Note: Be sure to support exhaust to prevent damage.
2. Temporarily remove heat shield(s) by removing (4) fasteners with a 10mm socket and remove plastic underbody panel (if present) by removing (4) plastic fasteners and (2) hex nuts with a 10mm socket.
3. Remove (2) pads from each frame rail and discard. These pads cover holes which will be used to mount hitch. You will have to enlarge the forward-most hole to allow 1/2" bolts and spacers to pass through.
4. Fishwire 1/2" bolts and spacers into position through enlarges hole and out rear holes. Reverse fishwire 1/2" bolts and spacers into enlarged holes. (Both sides) (See FISHWIRE TECHNIQUE DIAGRAMS)
5. Raise hitch into position and attach to frame using 1/2" flange nuts.
6. Torque all 1/2" hardware to 110 ft-lbs. Reinstall heat shield(s) and leave rear most fastener off, may have to slot front hole in heat shield. Raise exhaust back into position. If underbody panel was present, trim and reinstall. (See TRIM DIAGRAM)

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

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