



13236 INSTALLATION INSTRUCTIONS



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

YEARS: 2011-PRESENT
2015-PRESENT

MAKE: DODGE
DODGE/CHRYSLER

MODEL: CHALLENGER
CHARGER/300S/300C

STYLE: SEDAN
SEDAN



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: 350 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: 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.

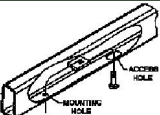

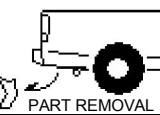

INSTALLATION REQUIRES:

 RATCHET	 TORQUE WRENCH	 6" SOCKET EXTENSION
 UNIVERSAL JOINT SOCKET	 13mm 15mm 19mm 3/4" SOCKET	 SAFETY GLASSES

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

LEVEL OF DIFFICULTY: MODERATE

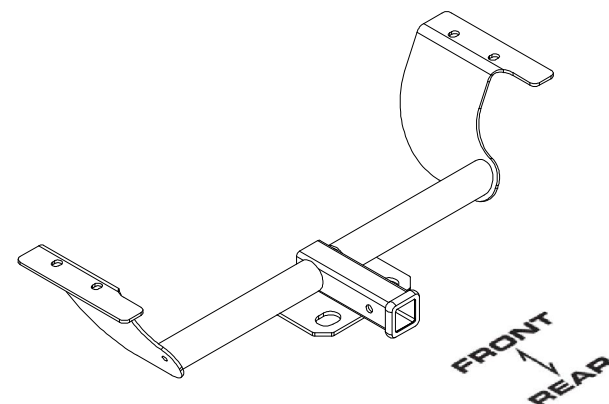
EASY	MODERATE	CHALLENGING
	FISHWIRE HARDWARE	
	REMOVE EXHAUST ISOLATORS	
	TEMPORARILY REMOVE DRIVER SIDE MUFFLER	
	NO DRILLING REQUIRED	

VEHICLE PHOTO:



REPRESENTATIVE PHOTO

HITCH ILLUSTRATION:



MAKE SURE YOUR HITCH MATCHES

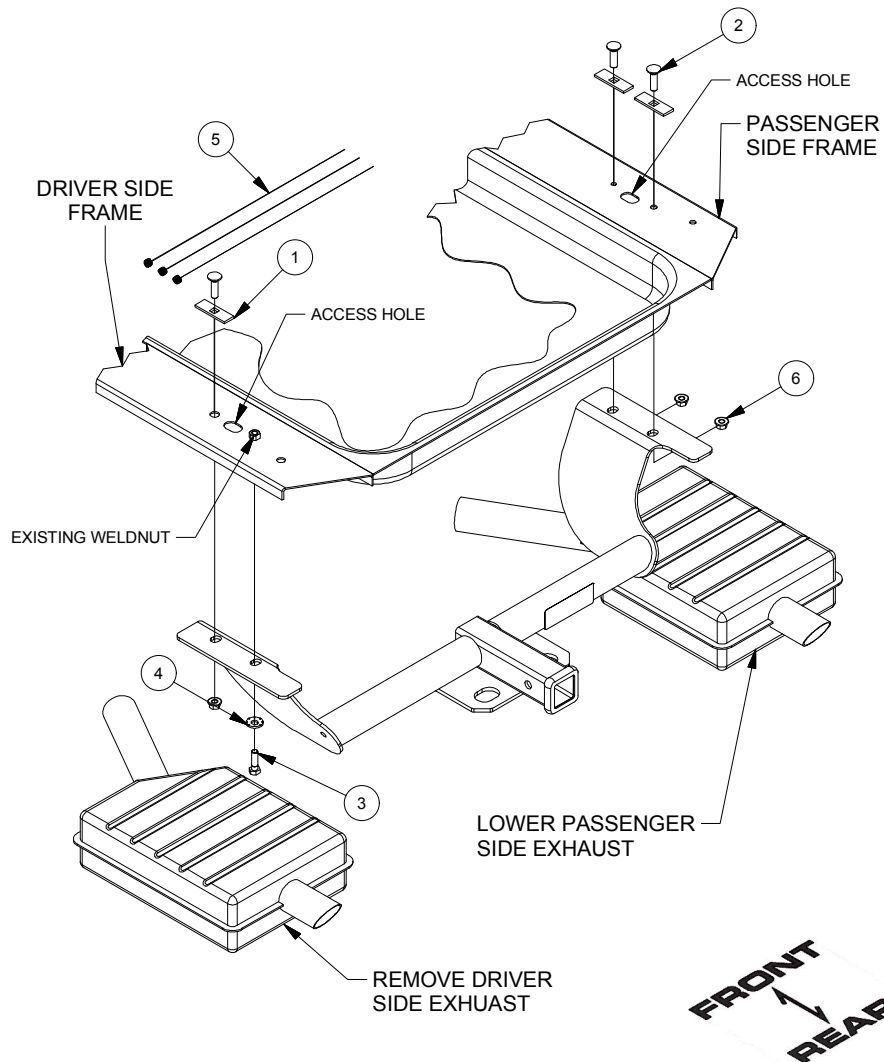


SCAN FOR
MORE INFO

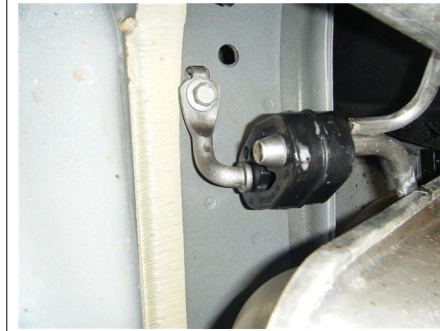
PERIODICALLY CHECK THIS RECEIVER HITCH TO ENSURE ALL FASTENERS ARE TIGHT AND ALL STRUCTURAL COMPONENTS ARE SOUND
CURT Manufacturing LLC. warrants this product to be free of defects in material and/or workmanship at the time of retail purchase by the original purchaser. If the product is found to be defective, 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.
For more information log onto www.curtmfg.com , & for helpful towing tips log onto www.hitchinfo.com
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.

INSTALLATION WALKTHROUGH:

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	3	CM-SP40	.188 x 1.00 x 3.00" SQUARE HOLE SPACER
2	3	1/2-13 x 1 3/4	CARRIAGE BOLT
3	1	M12-1.75 x 40mm	HEX BOLT
4	1	1/2	CONICAL TOOTHED WASHER
5	3	1_2 FISHWIRE	1/2" FISHWIRE
6	3	HFN 1213	HEX FLANGE NUT



1. Locate and remove (2) exhaust isolators near muffler on driver and passenger side of vehicle. Save bolts for reinstallation.

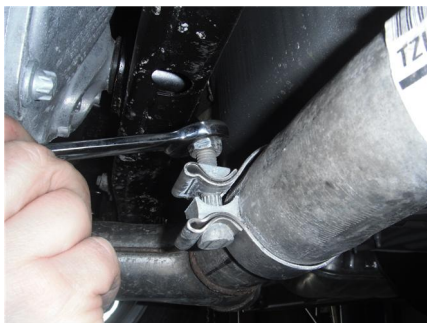


2. Locate and remove (2) rubber isolators from exhaust pipe.

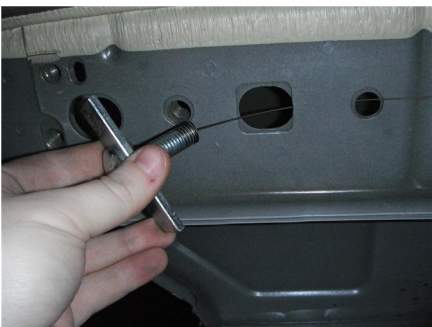


INSTALLATION WALKTHROUGH:

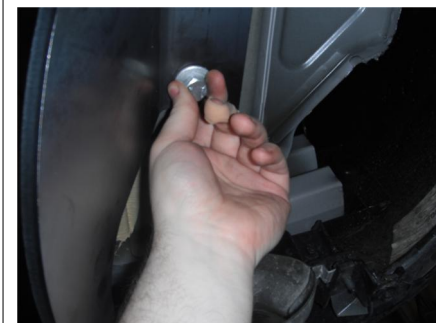
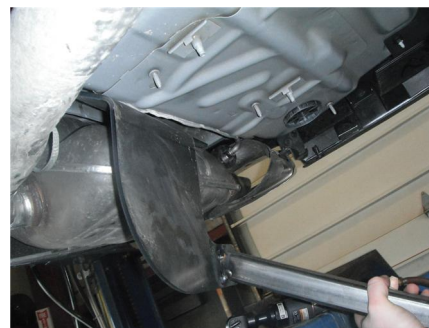
3. On V6 models: Locate and remove nut from exhaust clamp that holds the driver side muffler. Save nut for reinstallation.
- On V8 models: Locate and remove (2) nuts with springs attaching driver side muffler. Save nuts and springs for reinstallation.
- Slide and remove temporarily driver side muffler/tube off of remaining exhaust system.



4. Fishwire 1/2" carriage bolts and CM-SP40 spacers through access hole on driver and passenger side frame rail. Pull hardware through existing holes (2 on passenger side and 1 on driver side).



5. Raise hitch into position by placing passenger side of hitch over the passenger side muffler first and then raise the driver side of hitch. Secure hitch to existing weldnuts with supplied M12 hardware and conical toothed washers. Attach 1/2" hex flange nuts onto carriage bolts.

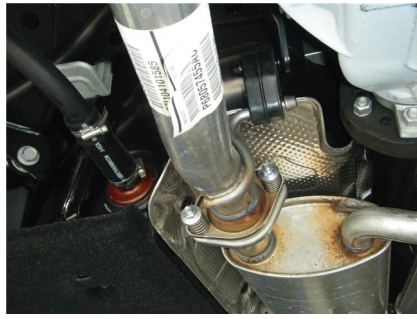
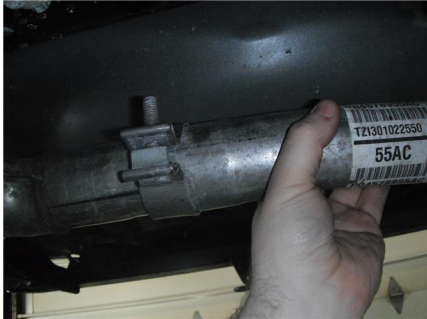


6. Torque 1/2" hardware to 110 lb-ft and M12 hardware to 79 lb-ft.



INSTALLATION WALKTHROUGH:

7. On V6 Models: Slide driver side muffler/tube back into position against stud on exhaust system. Secure clamp with nut from Step 3.
- On V8 Models: Reattach driver side muffler onto studs with nuts and springs from Step 3.



8. Raise exhaust back into position and reattach (2) exhaust isolators. Reinstall (4) exhaust hangers removed in Step 1.



TOWING SAFETY INFORMATION

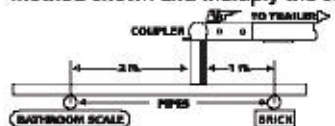
Gross Trailer Weight / GTW

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 (lb)	1000	2000	3000	4000	5000	6000	7000	8000	9000	10,000	12,000
Tongue weight should be about 10 to 15 percent of the gross trailer weight.											
TRAILER TYPE	CLASS 1										
	CLASS 2										
	CLASS 3										
	CLASS 4										
	CLASS 5										
Coupler	11'	12'	13'	14'	15'	16'					
 11'	1100	1200	1300	1400	1500	1600					
 16'	1600	1800	1900	2000	2200	2400	2600	2800	3000	3200	3400
 21'	2100	2400	2700	3000	3300	3600	3900	4200	4500	4800	
 26'	2600	3000	3400	3800	4200	4600	5000	5400	5800	6200	6600
 31'	3100	3600	4100	4600	5100	5600	6100	6600	7100	7600	8100
 36'	3600	4200	4800	5400	6000	6600	7200	7800	8400	9000	9600
 41'	4100	4800	5500	6200	6900	7600	8300	9000	9700	10400	11100
 46'	4600	5400	6200	7000	7800	8600	9400	10200	11000	11800	12600
 51'	5100	6000	6900	7800	8700	9600	10500	11400	12300	13200	14100
56'	5600	6600	7600	8600	9600	10600	11600	12600	13600	14600	15600
61'	6100	7200	8300	9400	10500	11600	12700	13800	14900	16000	17100
66'	6600	7800	9000	10200	11400	12600	13800	15000	16200	17400	18600
71'	7100	8400	9700	11000	12300	13600	14900	16200	17500	18800	20100
76'	7600	9000	10400	11800	13200	14600	16000	17400	18800	20200	21600
81'	8100	9600	11100	12600	14100	15600	17100	18600	20100	21600	23100
86'	8600	10200	11800	13400	15000	16600	18200	19800	21400	23000	24600
91'	9100	10800	12500	14200	15900	17600	19300	21000	22700	24400	26100
96'	9600	11400	13200	15000	16800	18600	20400	22200	24000	25800	27600
101'	10100	12000	13900	15800	17700	19600	21500	23400	25300	27200	29100
106'	10600	12600	14600	16600	18600	20600	22600	24600	26600	28600	30600
111'	11100	13200	15300	17400	19500	21600	23700	25800	27900	29900	32000
116'	11600	13800	16000	18200	20400	22600	24800	27000	29200	31400	33600
121'	12100	14400	16700	19000	21300	23600	25900	28200	30500	32800	35100
126'	12600	15000	17400	20800	23200	25600	28000	30400	32800	35200	37600
131'	13100	15600	18000	22000	24400	26800	29200	31600	34000	36400	38800
136'	13600	16200	18700	22600	25000	27400	29800	32200	34600	37000	39400
141'	14100	16800	19400	23400	25800	28200	30600	33000	35400	37800	40200
146'	14600	17400	20100	24200	26600	29000	31400	33800	36200	38600	41000
151'	15100	18000	20800	24800	27200	29600	32000	34400	36800	39200	41600
156'	15600	18600	21800	25800	28200	30600	33000	35400	37800	40200	42600
161'	16100	19200	22400	26400	28800	31200	33600	36000	38400	40800	43200
166'	16600	19800	23000	27000	29400	31800	34200	36600	39000	41400	43800
171'	17100	20400	23600	27600	30000	32400	34800	37200	39600	42000	44400
176'	17600	21000	24200	28200	30600	33000	35400	37800	40200	42600	45000
181'	18100	21600	24800	28800	31200	33600	36000	38400	40800	43200	45600
186'	18600	22200	25400	29400	31800	34200	36600	39000	41400	43800	46200
191'	19100	22800	26000	30000	32400	34800	37200	39600	42000	44400	46800
196'	19600	23400	26600	30600	33000	35400	37800	40200	42600	45000	47400
201'	20100	24000	27200	31200	33600	36000	38400	40800	43200	45600	48000
206'	20600	24600	27800	31800	34200	36600	39000	41400	43800	46200	48600
211'	21100	25200	28400	32400	34800	37200	39600	42000	44400	46800	49200
216'	21600	25800	29000	33000	35400	37800	40200	42600	45000	47400	49800
221'	22100	26400	29600	33600	36000	38400	40800	43200	45600	48000	50400
226'	22600	27000	30200	34200	36600	39000	41400	43800	46200	48600	51000
231'	23100	27600	30800	34800	37200	39600	42000	44400	46800	49200	51600
236'	23600	28200	31400	35400	37800	40200	42600	45000	47400	49800	52200
241'	24100	28800	32000	36000	38400	40800	43200	45600	48000	50400	52800
246'	24600	29400	32600	36600	39000	41400	43800	46200	48600	51000	53400
251'	25100	30000	33200	37200	39600	42000	44400	46800	49200	51600	54000
256'	25600	30600	33800	37800	40200	42600	45000	47400	49800	52200	54600
261'	26100	31200	34400	38400	40800	43200	45600	48000	50400	52800	55200
266'	26600	31800	35000	39000	41400	43800	46200	48600	51000	53400	55800
271'	27100	32400	35600	39600	42000	44400	46800	49200	51600	54000	56400
276'	27600	33000	36200	40200	42600	45000	47400	49800	52200	54600	57000
281'	28100	33600	36800	40800	43200	45600	48000	50400	52800	55200	57600
286'	28600	34200	37400	41400	43800	46200	48600	51000	53400	55800	58200
291'	29100	34800	38000	42000	44400	46800	49200	51600	54000	56400	58800
296'	29600	35400	38600	42600	45000	47400	49800	52200	54600	57000	59400
301'	30100	36000	39200	43200	45600	48000	50400	52800	55200	57600	60000
306'	30600	36600	39800	43800	46200	48600	51000	53400	55800	58200	60600
311'	31100	37200	40400	44400	46800	49200	51600	54000	56400	58800	61200
316'	31600	37800	41000	45000	47400	49800	52200	54600	57000	59400	61800
321'	32100	38400	41600	45600	48000	50400	52800	55200	57600	60000	62400
326'	32600	39000	42200	46200	48600	51000	53400	55800	58200	60600	63000
331'	33100	39600	42800	46800	49200	51600	54000	56400	58800	61200	63600
336'	33600	40200	43400	47400	49800	52200	54600	57000	59400	61800	64200
341'	34100	40800	44000	48000	50400	52800	55200	57600	60000	62400	64800
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351'	35100	42000	45200	49200	51600	54000	56400	58800	61200	63600	66000
356'	35600	42600	45800	49800	52200	54600	57000	59400	61800	64200	66600
361'	36100	43200	46400	50400	52800	55200	57600	60000	62400	64800	67200
366'	36600	43800	47000	51000	53400	55800	58200	60600	63000	65400	67800
371'	37100	44400	47600	51600	54000	56400	58800	61200	63600	66000	68400
376'	37600	45000	48200	52200	54600	57000	59400	61800	64200	66600	69000
381'	38100	45600	48800	52800	55200	57600	60000	62400	64800	67200	69600
386'	38600	46200	49400	53400	55800	58200	60600	63000	65400	67800	70200
391'	39100	46800	50000	54000	56400	58800	61200	63600	66000	68400	70800
396'	39600	47400	50600	54600	57000	59400	61800	64200	66600	69000	71400
401'	40100	48000	51200	55200	57600	60000	62400	64800	67200	69600	72000
406'	40600	48600	51800	55800	58200	60600	63000	65400	67800	70200	72600
411'	41100	49200	52400	56400	58800	61200	63600	66000	68400	70800	73200
416'	41600	49800	53000	57000	59400						

13236 DODGE/ CHRYSLER CHALLENGER/CHARGER/300S/300C

1/10/2017

PAGE 1 of 2

GROSS LOAD CAPACITY WHEN USED AS A WEIGHT CARRYING HITCH: 3500 LBS. TRAILER WEIGHT & 350 LBS. TONGUE WEIGHT.

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



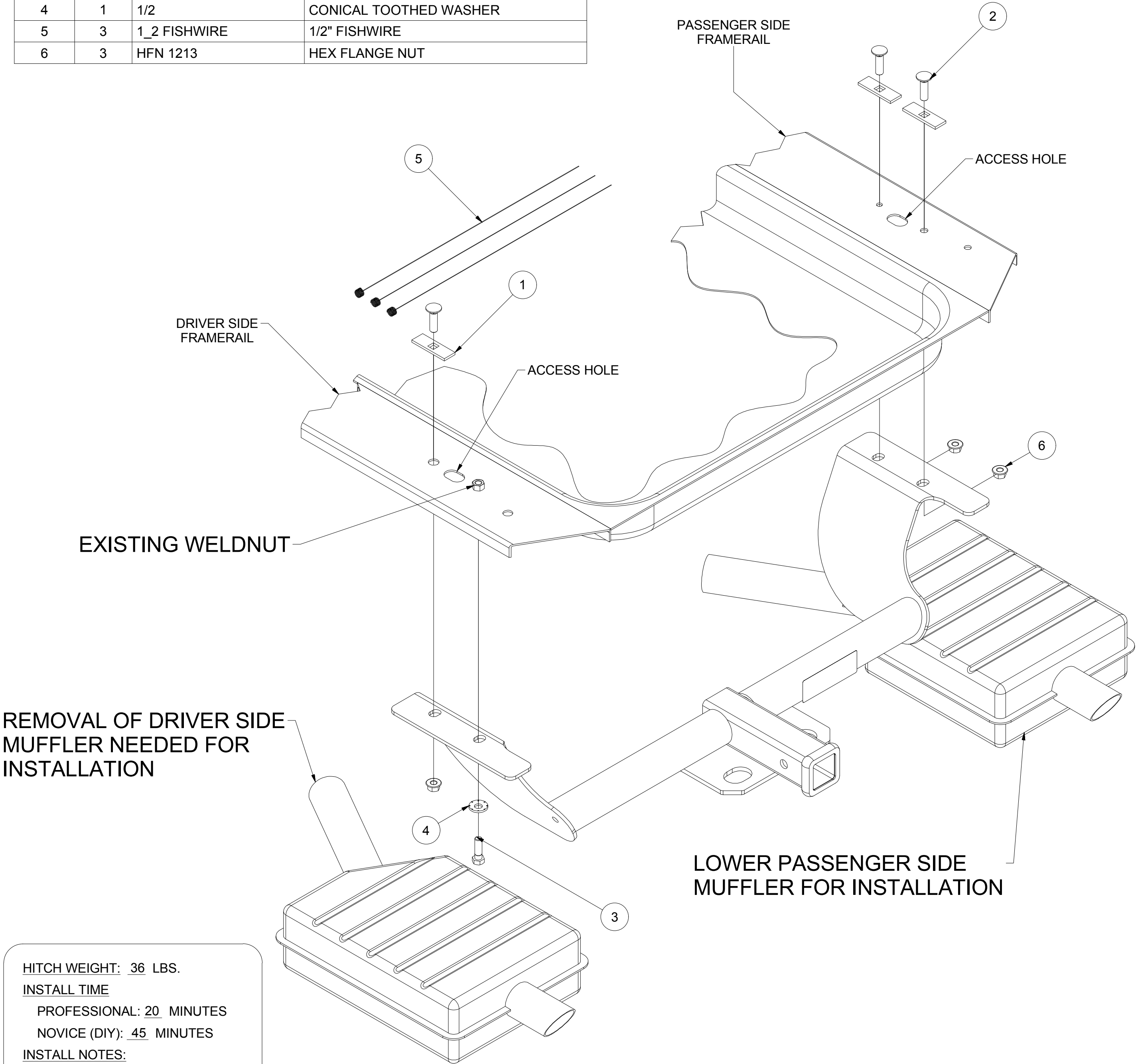
WARNING: ** FAILURE TO PROPERLY SUPPORT NON-TRAILER LOADS WILL VOID PRODUCT WARRANTY **

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

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Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	3	CM-SP40	.188 x 1.00 x 3.00" SQUARE HOLE SPACER
2	3	1/2-13 x 1 3/4	CARRIAGE BOLT
3	1	M12-1.75 x 40mm	HEX BOLT
4	1	1/2	CONICAL TOOTHED WASHER
5	3	1_2 FISHWIRE	1/2" FISHWIRE
6	3	HFN 1213	HEX FLANGE NUT



HITCH WEIGHT: 36 LBS.

INSTALL TIME

PROFESSIONAL: 20 MINUTES

NOVICE (DIY): 45 MINUTES

INSTALL NOTES:

No Drill

Temporary Exhaust Removal

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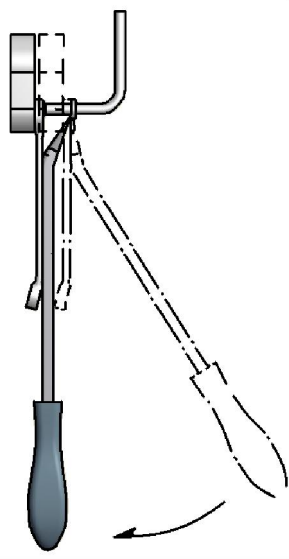
This product complies with safety specifications and requirements for connecting devices and towing systems of the state of New York, V.E.S.C.Regulation V-5 and SAE J684.

**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.

**TOOLS REQUIRED**

RATCHET

TORQUE WRENCH

6" SOCKET EXTENSION

UNIVERSAL JOINT SOCKET

13MM SOCKET

15MM SOCKET

19MM SOCKET

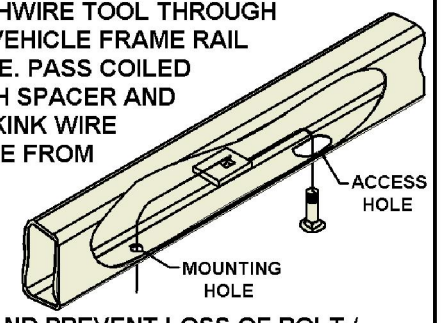
3/4" SOCKET

SAFETY GLASSES

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 SEPERATE 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

**INSTALLATION STEPS**

NOTE: FOR VEHICLES WITH WELDED EXHAUST, FASCIA REMOVAL MAY EASE HITCH INSTALLATION -

Remove the plastic push pins holding the wheel well liner to fascia (each side). Pull back wheel well liner to access the hidden screw and remove using 10mm socket on each side. Remove the remaining screws and plastic push pins along the bottom of the fascia including the nuts holding the underbody panel to the trunk pan. Gently remove the fascia and unplug wiring. Set bumper fascia aside for later reinstallation.

1. Locate and remove (2) exhaust isolators near muffler on driver and passenger side of vehicle. Save bolts for reinstallation.
2. Locate and remove (2) rubber isolators from exhaust pipe. (See RUBBER ISOLATOR REMOVAL DIAGRAM)
3. On V6 models: Locate and remove nut from exhaust clamp that holds the driver side muffler. Save nut for reinstallation.
On V8 models: Locate and remove (2) nuts with springs attaching driver side muffler. Save nuts and springs for reinstallation.
Slide and remove temporarily driver side muffler/tube off of remaining exhaust system.
4. Fishwire 1/2" carriage bolts and CM-SP40 spacers through access hole on driver and passenger side frame rail. Pull hardware through existing holes (2 on passenger side and 1 on driver side)
5. Raise hitch into position by placing passenger side of hitch over the passenger side muffler first and then raise the driver side of hitch.
Secure hitch with supplied M12 hardware and conical toothed washers. Attach 1/2" hex flange nuts onto carriage bolts.
6. Torque 1/2" hardware to 110 lb-ft and M12 hardware to 79 lb-ft.
7. On V6 Models: Slide driver side muffler/tube back into position against stud on exhaust system. Secure clamp with nut from Step 3.
On V8 Models: Reattach driver side muffler onto studs with nuts and springs from Step 3.
8. Raise exhaust back into position and reattach (2) exhaust isolators.
Reinstall (4) exhaust hangers from Step 1.

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

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