TOW SMART CUSTOM

2090 / WTS2090

HITCH, 2" Receiver, Jeep Compass

INSTALLATION INSTRUCTIONS

READ ALL WARNINGS AND INSTRUCTIONS THOROUGHLY BEFORE INSTALLATION

⚠ **WARNING:** The manufacturer of your vehicle may specifiy towing capacities lower than the capacities noted below. Never exceed the vehicle manufacturer's recommended towing capacity. Consult your vehicle's owner's manual for the manufacturer's recommended towing capacity for your specific vehicle.

⚠ **WARNING:** Failure to adhere to the exact torque specifications noted in these installation instructions can result in property damage and/or bodily injury. Failure to follow all specifications and instructions will void the hitch warranty.

NOTICE:
Always use proper tools and safety equipment to ensure a safe and quality installation.
Inspection of the trailer hitch should be performed before and after each use to ensure all mounting hardware is tight and related hitch components are secure.

LEVEL OF DIFFICULTY: EASY
Installation difficulty levels are based on the time and effort required. They will vary depending on the installer's expertise. Vehicle condition could be a factor in the level of difficulty for a proper installation.

WEIGHT CARRYING CAPACITY	
Gross Trailer Weight (GTWR)	**4,500 LBS**
Tongue Weight (TW)	**675 LBS**

WEIGHT DISTRIBUTING CAPACITY
THIS HITCH IS NOT RATED FOR USE AS A WEIGHT DISTRIBUTING HITCH.

TOOLS REQUIRED			
SAFETY GLASSES	**RATCHET**	**TORQUE WRENCH**	**6" EXTENSION**
T30 TORX BIT	**11mm SOCKET**	**13mm SOCKET**	**15mm SOCKET**
3/4" SOCKET	**AVIATION SHEARS**	**TUBULAR WIRE BRUSH**	**ROTARY TOOL**

INSTALLATION:

1. Remove the two fasteners securing the bottom edge of the rear fascia to the vehicle's underbody using the T30 torx bit and ratchet/driver.

2. Lower the exhaust by removing the hex bolts securing the exhaust hangers on either side of the muffler to the frame rails using the 13mm socket and ratchet. Ensure that the exhaust is supported before removing any of the hangers to prevent damage to the exhaust system.

3. Remove the heat shield above the muffler by removing the three hex nuts securing it to the rear underbody panel using the 11mm socket and ratchet.

4. Trim heat shield as shown in **FIG 1** and the rear fascia as shown in **FIG 2** using aviation shears or tin snips. Reinstall heat shield by securing it to the rear underbody panel with the three hex nuts removed in STEP 3.

5. Locate the two mounting holes on the bottom and two mounting holes on the outside face of each frame rail. Remove the protective plastic covers on the two side mounting holes as well as the rear-most mounting hole on the bottom of each frame rail.

6. Enlarge the rear-most mounting hole on the bottom of each frame rail using a rotary tool or step drill to allow passage of the 1/2" carriage bolts **ITEM1** and their associated square hole spacers **ITEM 2**.

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7. Clean the threads of the weld nut present in the forward-most mounting hole on the bottom of each frame rail with a lubricant and tubular wire brush. For best results, carefully chase the threads of each weld nut with a M8 x 1.25 tap.

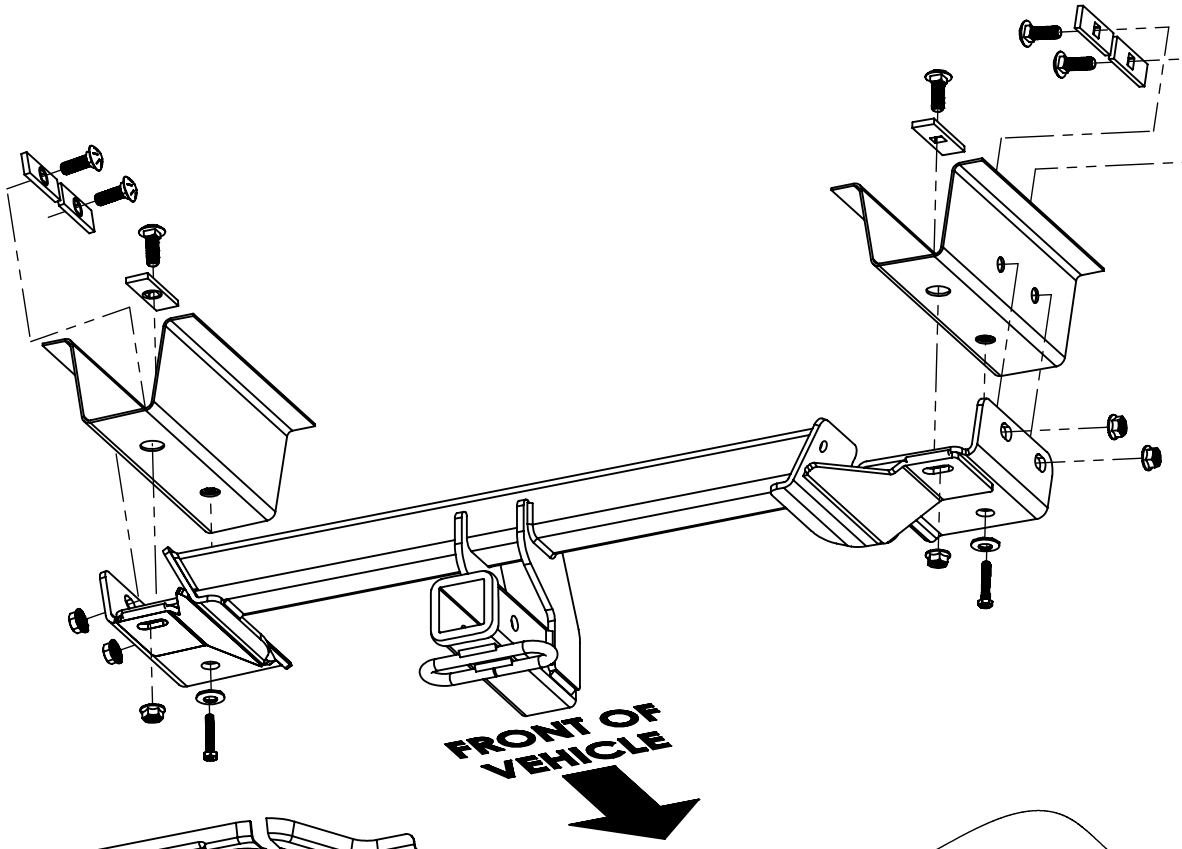
8. Using the appropriate fishwire technique (reverse fishwire technique is required for the hardware access holes on each side) install a 1/2-13 UNC carriage bolt **ITEM 1** and square hole spacer **ITEM 2** into each of the six mounting holes, excluding the forward-most mounting hole with a weld nut on each frame rail. Leave the fishwires secured to each of the carriage bolts.

9. Lift hitch into position, over the muffler, while feeding the fishwires and then the fasteners through their respective mounting holes. Remove the fishwire and thread a 1/2-13 UNC serrated flange nut **(ITEM 3)** onto each of the six protruding screws being careful not to lose the carriage bolts inside the frame rails.

10. Thread an M8 hex head screw **ITEM 4** with conical toothed washer **ITEM 5** into the forward-most hole on the bottom face of each frame rail. The washer's teeth should be mated with the mounting flange of the hitch.

8. Using a calibrated torque wrench and the 3/4" or 13mm socket, **torque all 1/2-13 fasteners to 110 ft-lbs and all M8 fasteners to 76 ft-lbs.**

9. Raise the exhaust back into its correct position and resecure the exhaust hanger to the underside of each from rail with the hex bolts removed in STEP 2.



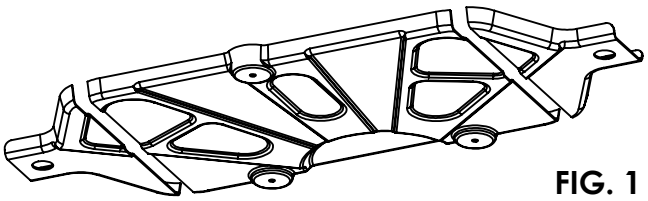


FIG. 1

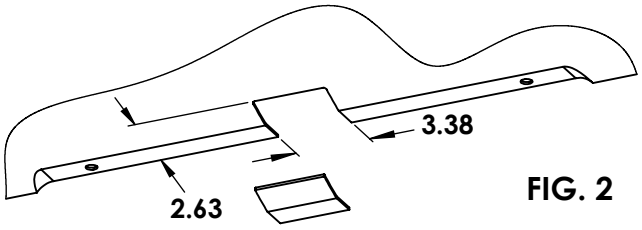


FIG. 2

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