HITCH, 2” Receiver, Jeep Compass

INSTALLATION INSTRUCTIONS

READ ALL WARNINGS AND INSTRUCTIONS 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 time and depend on the installer’s expertise, condition of the vehicle, and the usage of proper tools and equipment. Vehicle condition could be a factor in the level of difficulty for a proper installation.

WEIGHT CARRYING CAPACITY

Gross Trailer Weight (GTW)	4,500 lb
Tongue Weight (TW)	675 lb

WEIGHT DISTRIBUTION CAPACITY

THIS HITCH IS NOT RATED FOR USE AS A WEIGHT DISTURBUTING HITCH.

PARTS LIST

Item	Qty	Description
1	6	Carriage Bolt, 1/2-13 UNC x 1-3/4”
2	6	Square Hole Spacer, 1/4” x 1” x 2-1/2”
3	6	Serrated Flange Nut, 1/2-13 UNC”
4	2	Hex Bolt, M8-1.25 x 45
5	2	Conical Toothed Washer, 3/8”
6	6	Fish wire, 1/2”x 20”

TOOLS REQUIRED

Safety Glasses	Torque Wrench
T30 Torx Bit	13 mm Socket
3/4” Socket	Tubular Wire Brush
Ratchet	6” Extension
11 mm Socket	15 mm Socket
Aviation Shears	Rotary Tool

INSTALLATION:

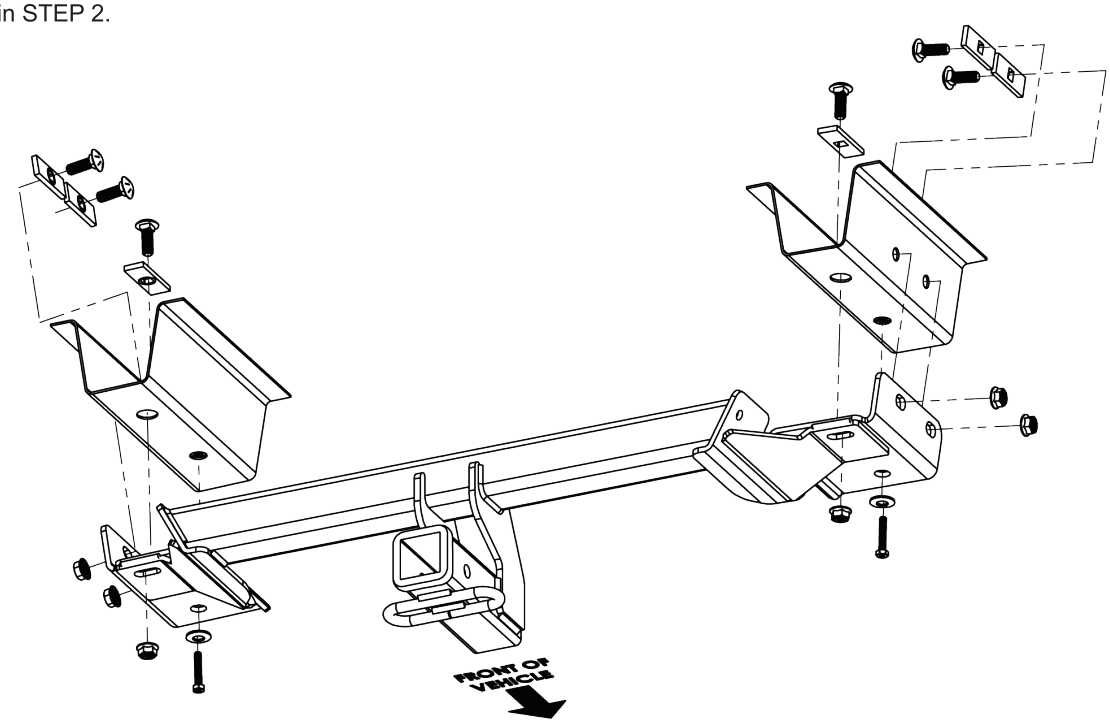
1. Remove the two fasteners securing the bottom edge of the rear fascia to the vehicle’s underbody using the T30 torx bit and ratchet/driver.
2. Lower the exhaust by removing the hex bolts securing the exhaust hangers on either side of the muffler to the frame rails using the 13 mm socket and ratchet. 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 11 mm 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.

For Tow Hook Equipped Models:

Use a 21 mm Socket to remove the (6) 14 mm Hex Bolts from the vehicle frame and use them to attach the hitch. Disregard information in the later steps related to using fish wire and carriage bolts to secure the hitch, otherwise follow information in steps where necessary. Ensure to fasten to the appropriate torque (See Step 11 for Appropriate Torques).

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.

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 fish wire technique (reverse fish wire 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 fish wires secured to each of the carriage bolts.
9. Lift hitch into position, over the muffler, while feeding the fish wires and then the fasteners through their respective mounting holes. Remove the fish wire 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. For Trailhawk models only, thread an M8 hex head screw ITEM 4 with conical toothed washer ITEM 5 into the weld nut inside 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.
11. Using a calibrated torque wrench and the 3/4" or 13 mm socket, torque all 1/2-13 fasteners to 110 ft-lbs and all M8 fasteners to 31 ft-lbs.
12. Raise the exhaust back into its correct position and re-secure the exhaust hanger to the underside of each from rail with the hex bolts removed in STEP 2.



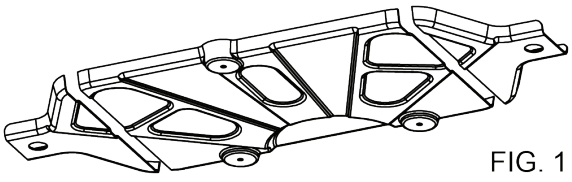


FIG. 1

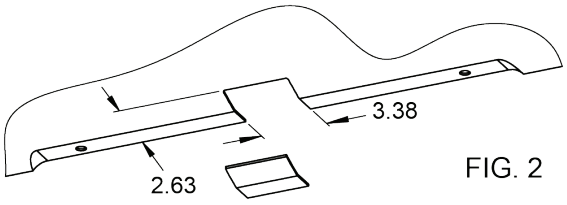


FIG. 2

TOWING BASICS & SAFETY INFORMATION

For information on safe towing, visit **TowSmart.com**

IF YOU EXPERIENCE ANY PROBLEMS WITH YOUR TOWSMART PRODUCT, DO NOT RETURN THE UNIT TO THE RETAILER FROM WHICH IT WAS PURCHASED. INSTEAD, PLEASE CALL 1-844-295-9215 FOR ASSISTANCE WITH ANY PROBLEMS. WARRANTY INFORMATION IS AVAILABLE UPON REQUEST AND CAN BE FOUND ONLINE AT TOWSMART.COM.

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