

**CUSTOM****HITCH, 2" Receiver, Kia Telluride, Hyundai Palisade****INSTALLATION INSTRUCTIONS****READ ALL WARNINGS AND INSTRUCTIONS THOROUGHLY BEFORE INSTALLATION**

⚠ WARNING: The manufacturer of your vehicle may specify 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: Moderate

The installation of this hitch requires power tools needed to create hardware access holes. 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)	5,000 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	TORQUE WRENCH	RATCHET	6" EXTENSION
PRY BAR	11 mm SOCKET	14mm SOCKET	16mm SOCKET
19mm SOCKET	MEASURING TAPE	AVIATION SHEARS	

INSTALLATION:

1. Lower the spare tire from under the vehicle using an 9mm socket or from inside the rear storage compartment under the cargo area floor using a 21mm socket. Set the tire aside for reinstallation.
2. Remove the hitch cover panel in the rear fascia using a phillips screw driver. For the Hyundai Palisade only, trim the composite rear bumper reinforcement using a drill and a rotary cutting tool as shown in **DETAIL A** of the following illustration. Retain hitch cover panel from reinstallation. The Kia Telluride does not required trimming of the bumper reinforcement.
3. Lower the exhaust by removing the three rear-most rubber exhaust isolators from the exhaust system using a pry bar or exhaust hanger removal pliers. Ensure that the exhaust is supported before removing any of the isolators to prevent damage to the exhaust system.
4. Remove the foreward-most rubber plug from the bottom face of the frame rail on each side of the vehicle. For the Kia Telluride only, widen the holes enough to allow passage of the 1/2" carriage bolts and the square hole spacers using the rotary cutting tool. The Hyundai Palisade does not require hardware access holes.
5. Review the following illustration. Locate the hitch mounting points on both frame rails - eight holes with weld nuts for the Hyundai Palisade and seven holes without weld nuts for the Kia Telluride.
6. For the Kia Telluride only, install a 1/2" carriage bolt (**ITEM 1**) and square hole spacer (**ITEM 2**) into each of the seven hitch mounting holes using the standard fishwire technique, leaving the fishwires attached to the carriage bolts once installed.

7. Lift the hitch into position with the passenger side hitch mounting flange being positioned over the muffler first. For the Kia Telluride, feed the seven fishwires through their respective mounting holes on the hitch as identified in the following illustration.
8. For the Hyundai Palisade, loosely secure the hitch using with the M12 hex head screws **(ITEM 4)** and 1/2" conical toothed washers **(ITEM 5)**. For the Kia Telluride, sequentially remove the fishwires a carefully thread a 1/2" serrated flange nut **(ITEM 3)** onto each of the seven protruding carriage bolts, being careful not to lose a fastener inside the frame rail.
7. After making sure the hitch is centered, torque the M12 fasteners to 68 ft-lb. for the Palisade or the 1/2" fasteners to 90 ft-lb. for the Telluride using a torque wrench and the appropriate socket.
8. Raise exhaust back into its original position and reinstall the three rubber exhaust isolators. Raise the spare tire back into its original position under the vehicle. Reinstall the rear hitch cover panel.

ITEM	APPLICATION	DESCRIPTION	QTY
1	PALISADE	CONICAL TOOTHED WASHER, 1/2"	8
2	PALISADE	M-12 x 1.25 x 40 HEX HEAD BOLT, CL10.9	8
3	TELLURIDE	1/2" SQUARE HOLE SPACER, 1/4" X 1" X 3"	7
4	TELLURIDE	1/2-13 UNC x 1-3/4 CARRIAGE BOLT; GR8	7
5	TELLURIDE	1/2-13 UNC SERRATED FLANGE NUT; GR8	7
6	TELLURIDE	1/2" FISHWIRE	7

