

HITCH, 2" Receiver, Subaru Legacy and Outback

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: 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	10mm SOCKET	3/4" SOCKET
ROTARY TOOL & BITS	DRILL	17/32" DRILL BIT	TORQUE WRENCH

INSTALLATION:

1. If present, remove the exhaust tip surround by removing the two hex heads bolt securing it to the rear fascia using a 10mm socket and ratchet. Lower exhaust by detaching the three rear-most rubber exhaust isolators, two on either side of the muffler and one near the rear differential. Ensure that the exhaust is supported before removing any of the hangers to prevent damage to the exhaust system
2. Remove the heat shield by removing the three hex head bolts securing it to the underside of the vehicle using a 10mm socket and ratchet. Trim heat shield to provide clearance for hitch installation as shown in **FIG. 1** below.
3. Remove the two rubber plugs from the underside of each frame rail. Enlarge the forward-most hole on each frame rail using a rotary tool or drill with step bit to allow for hardware access. It is advisable to apply paint or other rust preventative coating to the exposed steel of the frame rails.
4. Using the standard fishwire technique as shown in **FIG. 2**, install a 1/2-13 UNC carriage bolt (**ITEM 1**) and square hole spacer (**ITEM2**) into the rear-most hole in each frame rail, leaving the fishwires secured to the carriage bolts.
5. Lift hitch into position, over the exhaust, while feeding the fishwires and then the fasteners through their respective mounting holes. Remove the fishwires and thread a 1/2-13 UNC serrated flange nut (**ITEM 3**) onto each of the two protruding carriage bolts being careful not to lose a fastener inside the frame rail.

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6. Using the installed hitch to locate the position of the remaining fastener holes, one on each side, drill a 17/32" diameter hole in the underside of each frame rail. It is advisable to apply paint or other rust preventative coating to the exposed steel of the frame rails.

7. Using the standard fishwire technique, install a 1/2-13 UNC carriage bolt (**ITEM 1**) and square hole spacer (**ITEM2**) into the remaining mounting hole in each hitch flange, leaving the fishwires secured to the carriage bolts.

8. Remove the fishwires and thread a 1/2-13 UNC serrated flange nut (**ITEM 3**) onto each of the two protruding carriage bolts being careful not to lose a fastener inside the frame rail.

9. **Torque all four 1/2-13 UNC fasteners to 110 ft-lb** with a properly calibrated torque wrench and the 3/4" socket.

10. Reinstall the heat shield. Raise the exhaust back into its correct position and reattach the three rubber exhaust isolators. If an exhaust tip enclosure was removed in step 1, reinstall it making sure it is properly secured to the rear fascia.

ITEM	DESCRIPTION	QTY
1	1/2-13 UNC x 1-3/4 CARRIAGE BOLT	4
2	SQUARE HOLE SPACER, 1/2"	4
3	1/2-13 UNC SERRATED FLANGE NUT	4

