

## Hitch, 2" Receiver, Select Subaru Legacy, Outback

### INSTALLATION INSTRUCTIONS

#### READ ALL WARNINGS AND INSTRUCTIONS BEFORE INSTALLATION

**⚠ WARNING:** Never exceed the vehicle manufacturer's recommended towing capacity.

#### 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.

**⚠ WARNING:** Before you begin installation, read all instructions thoroughly.

**⚠ WARNING:** Safety glasses should be worn at all times while installing this product.

**⚠ WARNING:** Failure to adhere to exact torque specifications when securing hardware during the installation process can result in damage to the product or your vehicle. This will void the hitch warranty.

#### LEVEL OF DIFFICULTY: Easy

Installation difficulty levels are based on 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 (GTW) | 4,000 lb |
| Tongue Weight (TW)         | 600 lb   |

#### WEIGHT DISTRIBUTION CAPACITY

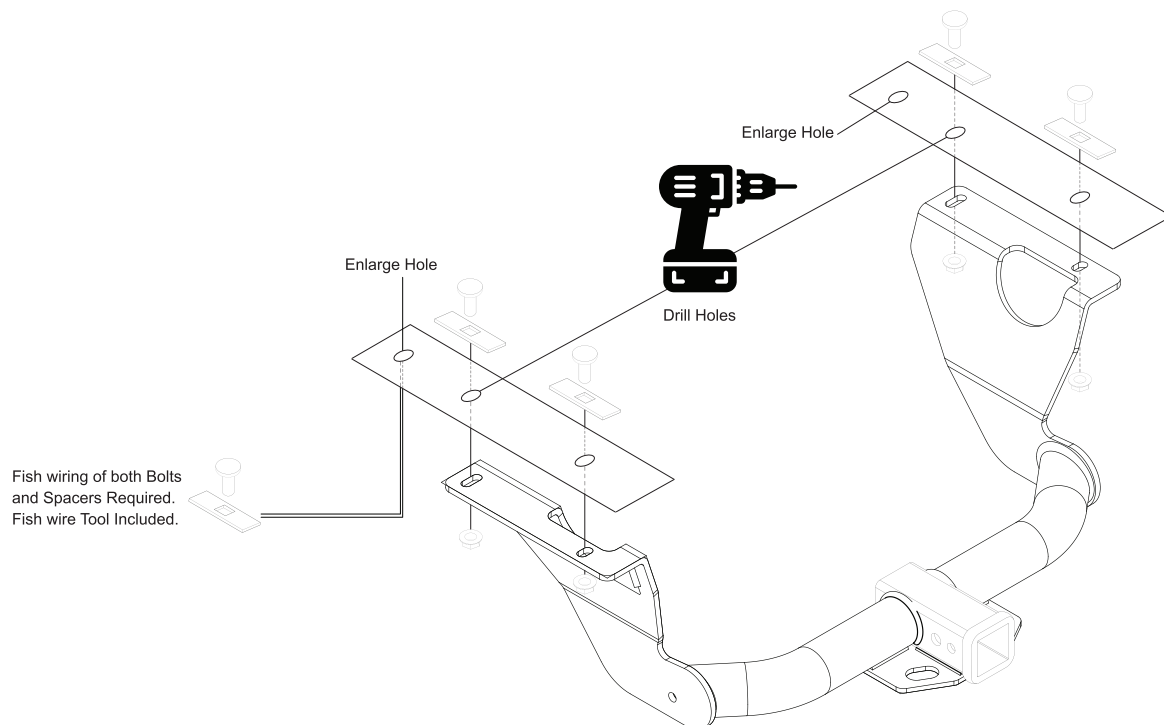
|                          |    |
|--------------------------|----|
| Weight Distribution (WD) | NA |
| WD Tongue Weight (WDTW)  | NA |

#### PARTS LIST

| Item | Qty | Description                            |
|------|-----|----------------------------------------|
| 1    | 4   | Bolt, Car, 1/2-13 UNC, 1-1/2, GRD, YZ  |
| 2    | 4   | .250 x 1.00 x 3.00" Square Hole Spacer |
| 3    | 4   | Nut, Ser-flange. 1/2-13 UNC, GRD8, YZ  |
| 4    | 2   | 1/2" Fish Wire                         |

#### TOOLS REQUIRED

|                         |
|-------------------------|
| Safety Glasses          |
| 8" Extension            |
| Torque Wrench           |
| Rotary Tool/Carbide Bit |
| Socket, 19 mm           |
| Ratchet                 |
| Drill and 17/32" Bit    |
| Tin Snips/File          |



## INSTALLATION:

1. Lower the exhaust by removing the (3) rearmost rubber exhaust isolators from the frame-mounted hangers. Always support the exhaust during installation to prevent damage.
2. Remove the muffler heat shield and trim to clear the mounting plate.
3. Remove the (2) rubber plugs in each frame rail. Enlarge the forwardmost hole on each frame rail to allow the carriage bolt and spacer to be inserted into the frame rail.
4. Fish wire a carriage bolt and spacer into the rearmost hole in each frame as shown. (See fish wire technique).
5. Raise the hitch into position. Do not push the fish wired hardware into the frame rails. Center the hitch on the vehicle and loosely secure the hitch to the vehicle with hex flange nuts.
6. Mark and drill the forwardmost holes in the frame rail using the hitch as your template.
7. Fish wire a carriage bolt and spacer into each drilled hole and secure the hitch with a hex flange nut as shown.
8. Torque all hardware to 110 ft-lbs.
9. Reinstall the heated shield, raise the exhaust and reinstall the rubber isolators.
10. Torque all M12 hardware to 86 ft-lbs.  
Torque all 7/16" hardware to 70 ft-lbs.

## FISH WIRE TECHNIQUE

1. Insert the coiled end of the fish wire tool through the mounting hole in the vehicle frame rail and out the access hole.
2. Thread the coiled end of the fish wire through the spacer and thread the bolt into the coil.
3. Kink the wire to keep the spacer separate from the bolt.
4. Pull the spacer and bolt through the frame and out the mounting hole.
5. Keep the fish wire secure to prevent loss of the bolt or spacer inside the frame rail.

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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### CUSTOM

Winston Products Company  
TOWSMART.COM  
WINSTON PRODUCTS, LLC.  
30339 Diamond Parkway  
Cleveland, OH 44139