TOW SMART CUSTOM

Hitch, 2″ Receiver, Ford Explorer, Lincoln Aviator

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)	6,000 lb
Tongue Weight (TW)	675 lb

WEIGHT DISTRIBUTION CAPACITY

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

PARTS LIST

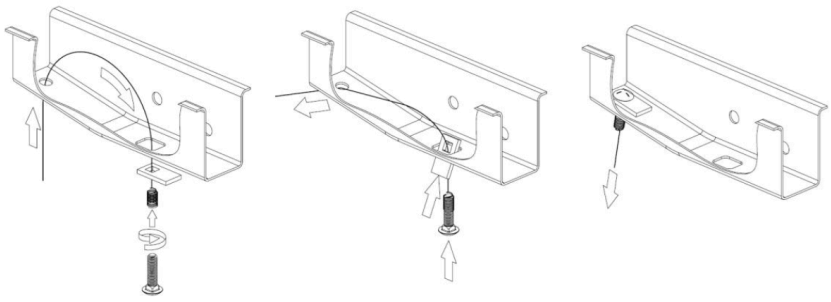
ITEM NO.	DESCRIPTION	QTY.
1	1/2-13 UNC x 1-3/4" CARRIAGE BOLT	4
2	1/4" x 1" x 3" WASHER, 1/2" SQUARE HOLE	4
3	1/2-13 UNC SERRATED FLANGE HEX NUT	4
4	M16X2; 35 HHCS; CL10.9	2
5	M16 FLAT WASHER	2

TOOLS REQUIRED

Ratchet
7mm, 10mm, 21mm Socket
Torque Wrench
Aviation Sheers
6" Socket Extension
Drill and ¼" Drill bit
Plastic Rivet Gun
Measuring Tape & Marker
Safety Glasses

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.



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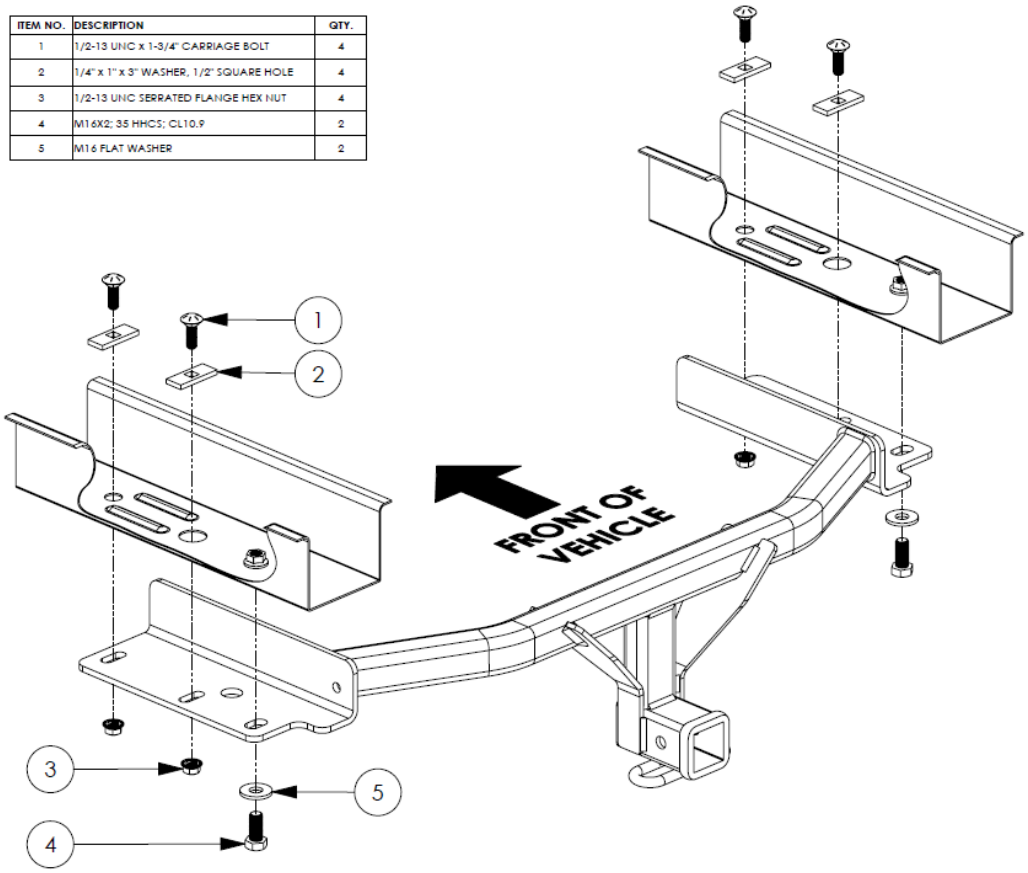

INSTALLATION:

1. If applicable remove the underbody panel by removing the 8 fasteners using 10mm socket and 4 plastic fasteners. Set panel aside.
2. Lower exhaust by removing 1 fastener on outside of frame rail, on each side, using 10mm socket. Remove 2 exhaust isolator hangers and ensure exhaust is supported to prevent damage.
3. Remove heat shield by removing 5 fasteners, on each side, using 10mm socket. Remove 2 wheel well fasteners, on each side using 7mm socket. Trim to provide appropriate clearence.
4. Remove M16 bumper bolt in frame, on each side, using 21mm socket. Provide to vehicle owner.
5. If kick sensor is present, remove 4 of the 6 rivets using a drill along rear fascia, starting from driver side, to avoid damaging kick sensor while trimming. Replacement rivets are included.
6. Remove 2 fasteners located inside bumper cover to allow rear fascia to bend and flex. Trim fascia and wire track using aviation shears. Avoid cutting sensor wires by moving it out of the wire track.
7. Fishwire 2 1/2" carriage bolts and 2 CM-SP6 spacers into the access hole and out mounting holes on each side. Reinstall the trimmed heat shield. **NOTICE**: Do not reinstall the rearward most frame rail nut.
8. Lift hitch into position. (NOTE: Hitch will be positioned between the upper and lower kick sensor wires if equipped) Torque 1/2" hardware to 75 ft-lbs and torque M16 hardware to 146 ft-lbs.
9. Reinstall vehicle components using steps 1-5 in reverse order.

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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