



## UTF 10 / UTF 12 / UTF 12 LE Mounting Instructions

### Included Parts:

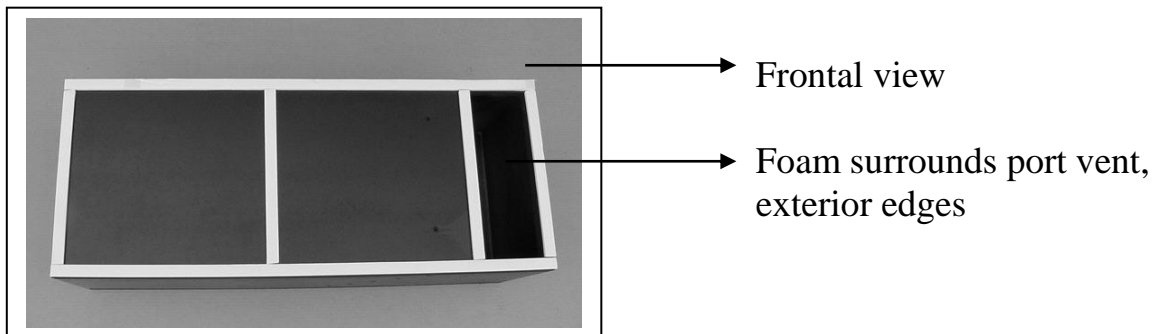
- Ceiling Isolation Foam

### Tools required:

- Screw shooter with long (6") Philips # 2 bit
- 1/2" wrench
- 7/16" socket, 1/2" socket
- Ratchet bar

Isolation foam is supplied to optimize signal transfer and prevent vibration. Simply cut the foam to the desired length and press into place. When finished your UTF subwoofer should look as below with the 4 outside edges, inside port edge and enclosure midpoint covered in the foam.

**\*\*\*Foam is to be used on the front (ported) side only. It is this side of the subwoofer that contacts the underside of the floor\*\*\***



### Standard Mounting

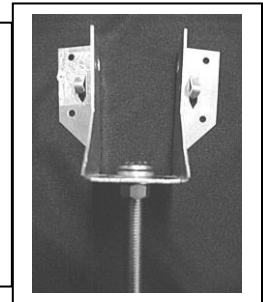
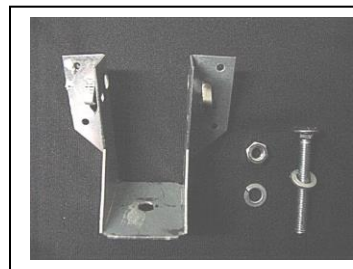
In most cases, simply drilling into the UTF side walls and adjacent ceiling rafters and installing **(4) 5/16" x 2.5" long lag screws (not supplied)** is sufficient; however, the additional rigidity, coupling and isolation achieved by the custom mounting kit system will further enhance the UTF's performance.

The custom mounting kit can be created by obtaining the following additional parts:

- (4) vertical mounting brackets
- (4) 3" L x 5/16-18 carriage bolts
- (4) 3/8" lock washers
- (16) 1" L # 6 sheet rock screws
- (4) 5/16 –18 nuts
- (4) 5/16 – 18 lock nuts
- (8) 5/16" lock washers
- (4) standard 5/16" washers
- (2) pcs of perforated 24" long x 1.5" wide angle iron

### **Custom Mounting Kit Instructions**

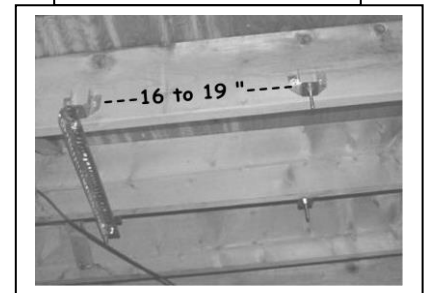
- Step # 1. Assemble vertical mounting bracket. Place 3/8" lock washer over carriage bolt and push through bracket hole. Secure from the underside with 5/16" lock washer and 5/16" **standard nut**. Tighten securely.



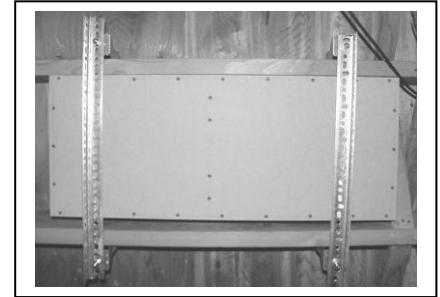
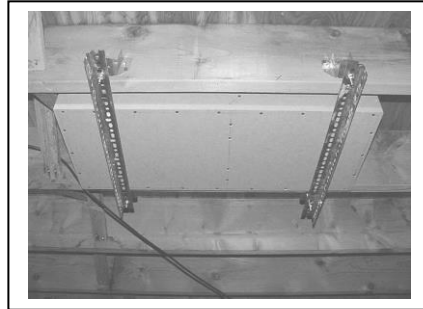
- Step # 2: After cutting the floor opening (approx 4" x 12") where desired, measure and mark beam for mounting vertical brackets as shown. Ideal spacing between brackets is 16" -19". Be sure that bottom of bracket plate is about 1/2" above bottom beam edge.



- Step # 3: Install vertical brackets using (4) #6 drywall Screws. **Note:** Vertical brackets mount to the outside of the beam and are directly across from one another allowing for clear span on the inside. Install across beams 1 pc of angle iron. Push on to threads. Use (1) 5/16" washer, (1) 5/16" lock washer and (1) 5/16" lock nut per side. Do both sides. Thread securely.



- Step # 4: Slide the UFS subwoofer, foam side up, into place and install second angle iron as above. Tighten all 4 nuts progressively until the front side foam compresses about 1/8".



### **Floor Vent Installation**

- Cut the opening in the floor to fit your desired floor vent grille. The floor opening must be at least as large as the size of the UTF port:
  - **UTF 10** – 2.5" h x 11.5" l
  - **UTF 12 / UTF 12 LE** – 2.5" h x 12.5" l
- Secure the air intake plate to the floor.