Installation Instructions

Model Number 1045-00
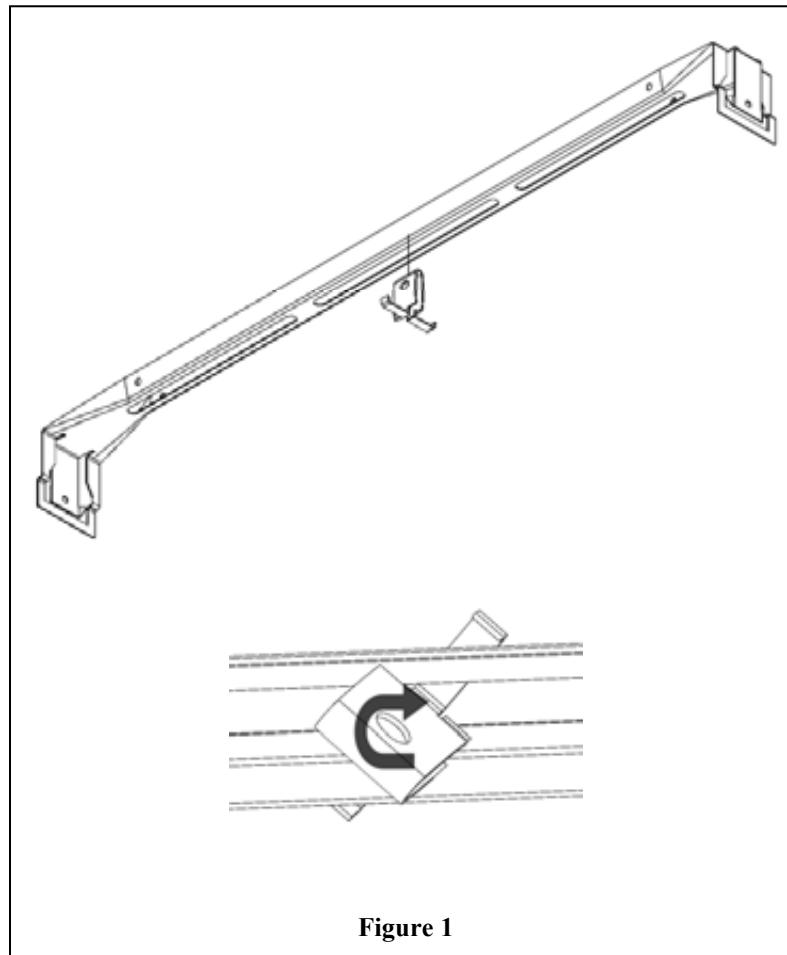
Model 1045-00 Above Ceiling Mount Assembly Components:
- *Antenna mounting plate/dust cover with T-Bar mounting bracket – 1 each*
- *Hanger bar – 1 each*
- *Hanger bar extension – 2 each*
- *Wire rope clip – 1 each*
- *Speed Link wire rope – 1 each*
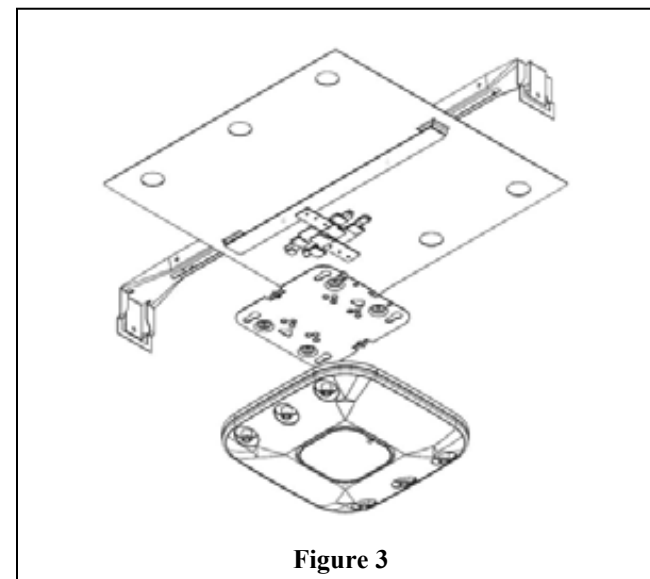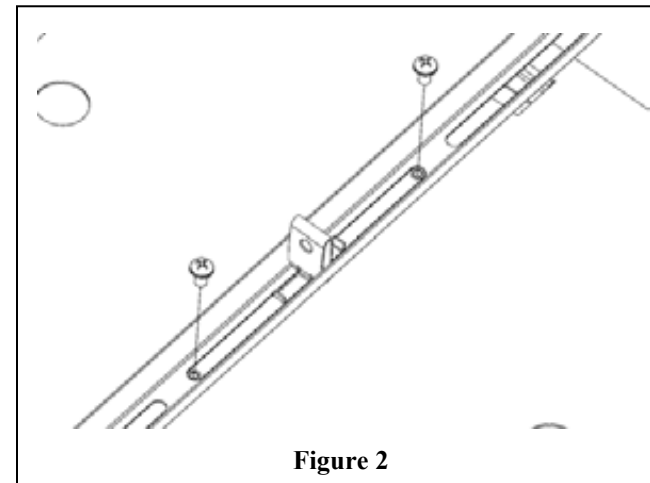- *Installation Instructions – 1 each*

If any of these items are missing, contact your Oberon representative.

Find a flat work surface to assemble the *tile hanger bar* , *mounting plate, wire rope clip, hanger bar extension, access point,* and *antennas (if needed)* prior to mounting above the ceiling.

Step 1 – Place the components on the work surface and attach the wire rope clip to the tile span. Use a pair of pliers to pinch and squeeze the wire rope clip between the tile span (Figure 1). Turn clockwise to snap the wire rope clip in place.
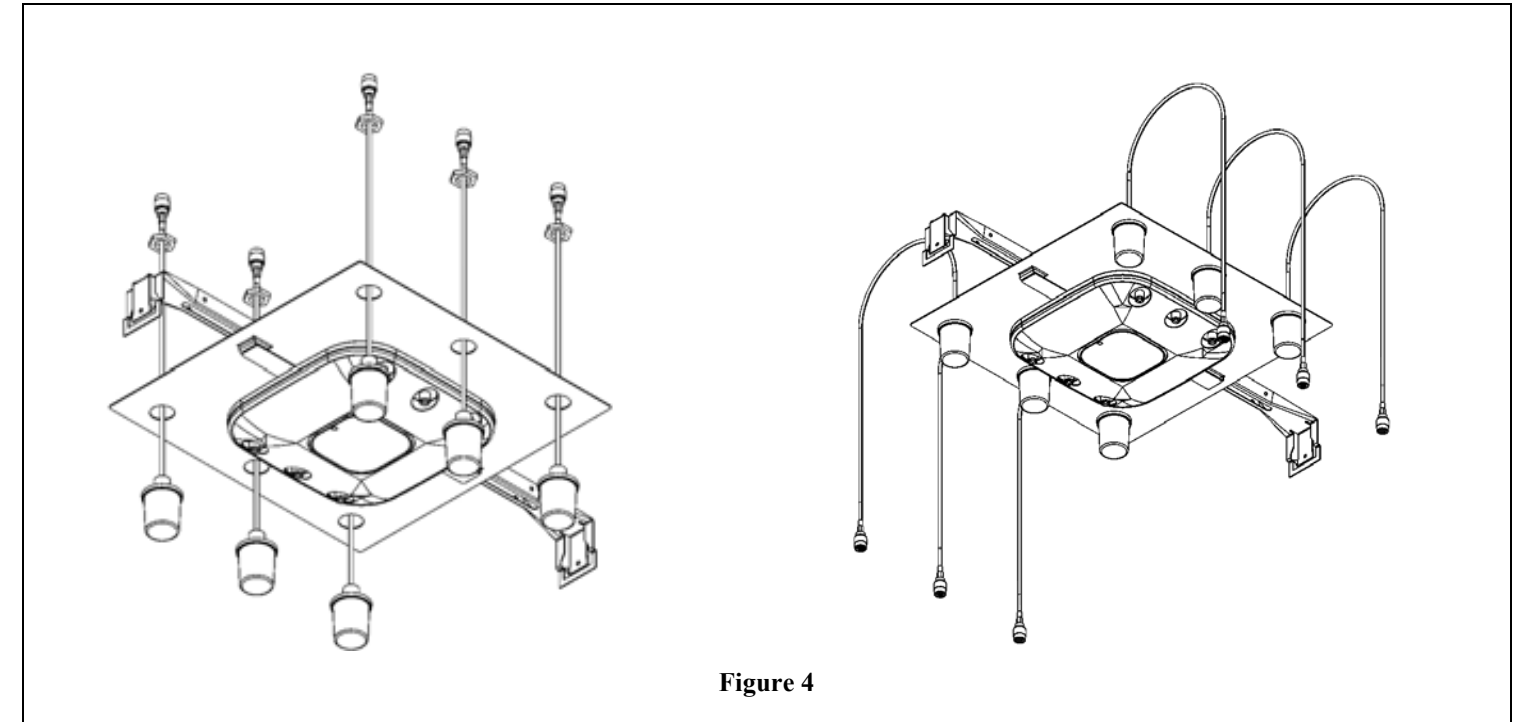

Figure 1

Figure 2

Figure 3

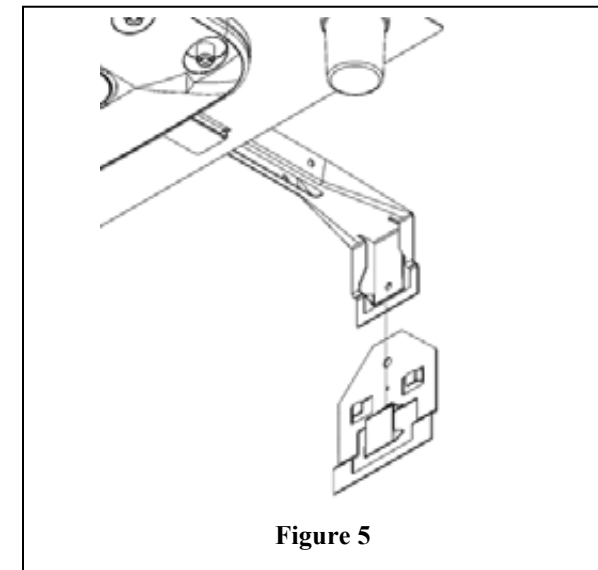**Step 2** – Attach the mounting plate/dust cover with (2) #10-32 screws (Figure 2).

Step 3 – Use the manufacturers T-Bar mount clip to attach the access point to the T-Bar Section on the mounting plate. An additional mounting plate provided by the manufacturer of the access point may be needed to attach the access point (Figure 3). *Data cable(s) may need to be plugged in to the access point prior to attaching to the mount.* **Cisco access points use Cisco AIR-AP-BRACKET-2 for 2600/3600 series access points and AIR-AP-BRACKET-1 for 1140/3500 series.**

Step 4 – If using an access point with integrated antennas, *skip to* **Step 5**. Attach the Z-Dual antennas to the mounting plate by placing cable through hole in mounting plate and screwing the nut to the back of the antenna. Loop the antennas cables to the outside of the mounting plate and attach them to the access point (Figure 4).
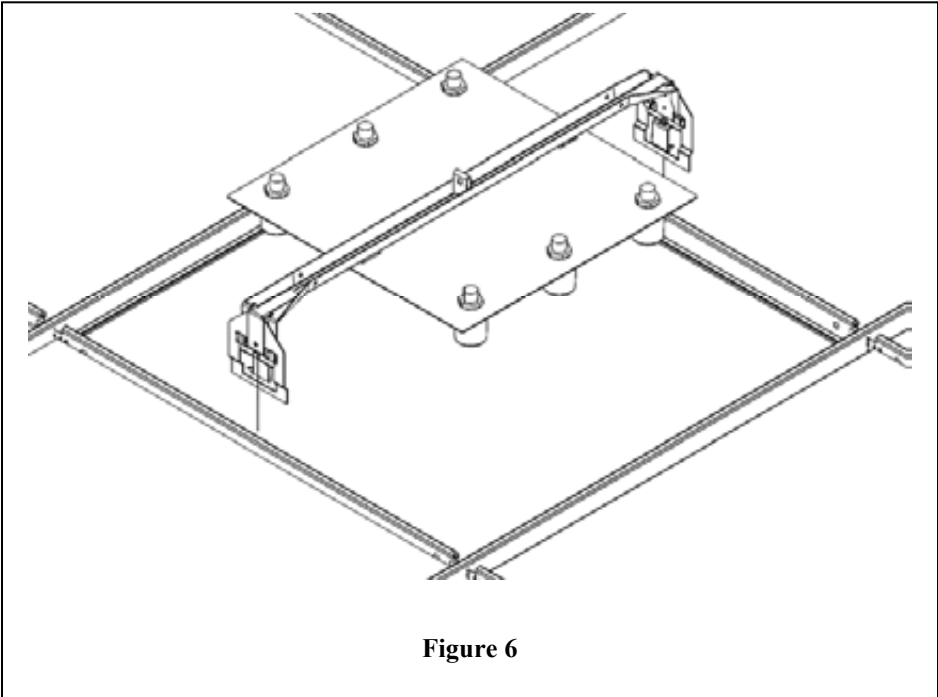

Figure 4

Step 5 – Attach the hanger bar extensions to the hanger bar on both ends as shown in Figure 5. The hanger bar extensions should snap into place when installed correctly.
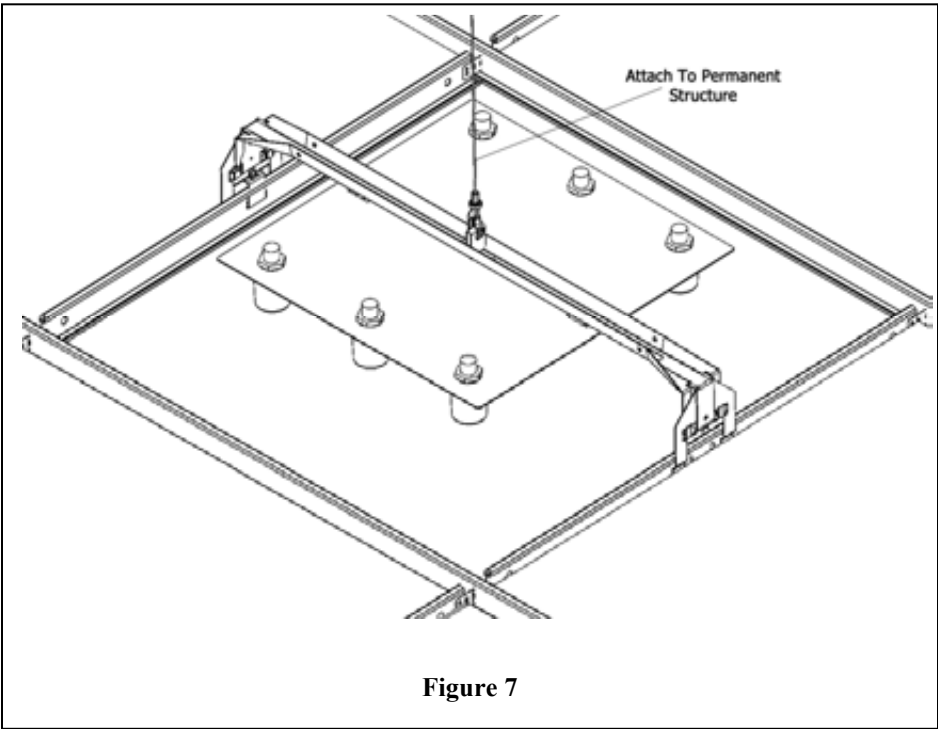

The assembled unit is now ready to be mounted above the ceiling tile.

Figure 5

Step 6 – Remove ceiling tile where above ceiling tile mount will be located. The assembled unit should snap into place to the ceiling grid work by the hanger bar extension on both ends. This secures the mount and access point above the ceiling (Figure 6).

Figure 6

Step 7 – Attach data and power cables to the *access point* (if necessary).

⚠ ****IMPORTANT**** - *This is an important safety feature that could prevent human injury or damage to the access point, should the mount become dislodged from the ceiling grid.*

Step 8 – Attach Speed Link wire rope to the wire rope clip and secure the cable to a permanent structure within the ceiling (Figure 7).

Attach To Permanent Structure

Step 9 – The installation is now completed.

Figure 7

OBERON

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**** WARNING ****

Please thoroughly read the product warning below before installation to provide for a safe work environment.

1. Always consider the hazard to other people:

    a. During installation, use warning signs, etc.
    b. Don't work with people directly below the work area as equipment could fall and cause an injury

2. Be sure to securely fasten the mount to a permanent structure in the ceiling to prevent the mount from becoming dislodged.