

Orbit-*HD*

Thru-Glass Satellite Radio Antenna

Model #: TWGL-SR2

PARTS LIST

Exterior unit
Alignment template

Interior unit with cable
Alcohol pads (2)



PRE-INSTALLATION CONSIDERATIONS

- Do not install if air temperature is below 60⁰ F.
- Integrity of the installation will be compromised if one or more of the following are present at the planned installation location:
 1. Rain XTM or other commercial water repellent.
 2. After market window tinting material.If present, remove material or select a different location before installing.
- Receiver location cannot be more than 12 feet from antenna.
- Avoid locations with curved glass (typically close to windshield edge)

CAUTION: For front windshield installation, select location on passenger side as far from the glass edge as possible and away from windshield wiper path.

RECOMMENDED VEHICLE MOUNTING LOCATIONS

Car: Rear windshield

Big Rig Truck: Sunroof (if available)

SUV, Pickup, Mini-Van: Front windshield (passenger side)

LOCATION AND GLASS PREPARATION

- Mount as high on glass as possible for optimal performance.
- Driver visibility should not be obstructed in any manner.
- Identify location of installation. Select a location that allows for interior headliner clearance. Allow for windshield wiper clearance if present.
- Make sure the surface of the glass is nearly flat. Avoid corner locations.
- Thoroughly clean with provided alcohol pads only. (Isopropyl alcohol can be used for rewetting the pads.) Do not use WindexTM or other commercial cleaners.

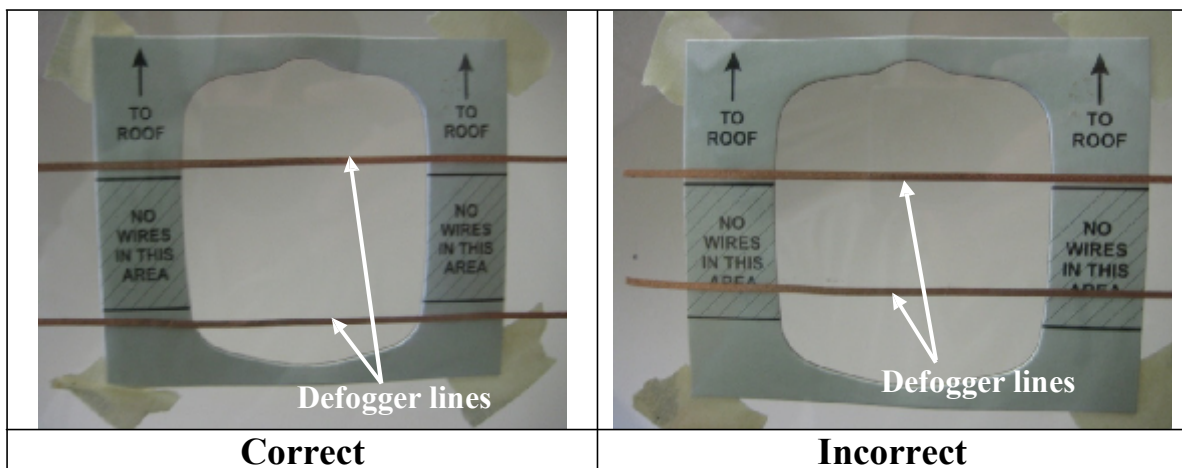
STEP1. INSTALLATION OF EXTERIOR UNIT

- Make sure you have read the previous sections about glass location and preparation.
- Slowly and carefully, bend the double-sided tape and remove clear plastic adhesive liner from the side of tape that adheres to the unit (not the glass). (see below)
- Make sure the tape adheres to the bottom of the unit by pressing the area with your fingers for about 30 seconds.



- Position the alignment template to exterior windshield location with the printed side pressed against the glass. Hold in place using masking tape.
- Verify correct installation by viewing from inside of the vehicle. Check that there are no defogger wires in the areas indicated on the templates. (see figure below)

CAUTION: Do not install the interior unit yet!



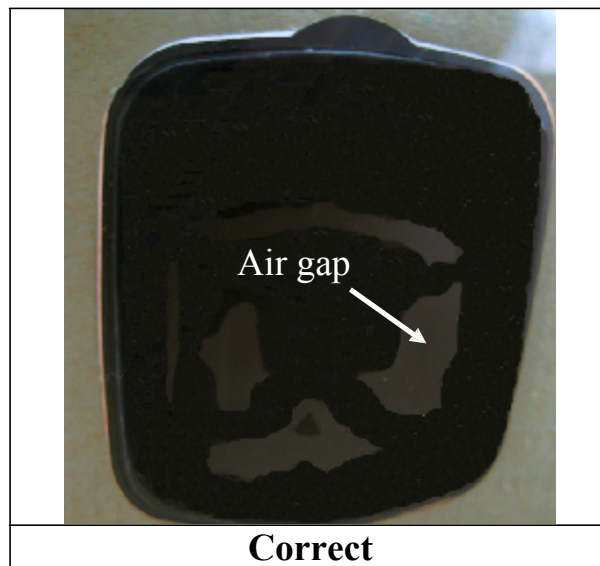
- Slowly and carefully, remove clear plastic adhesive liner from pad. (see below)



CAUTION:

Adhesive pad will stick on the glass instantly and cannot be removed without having to replace. Be sure the positioning is correct before it touches the glass.

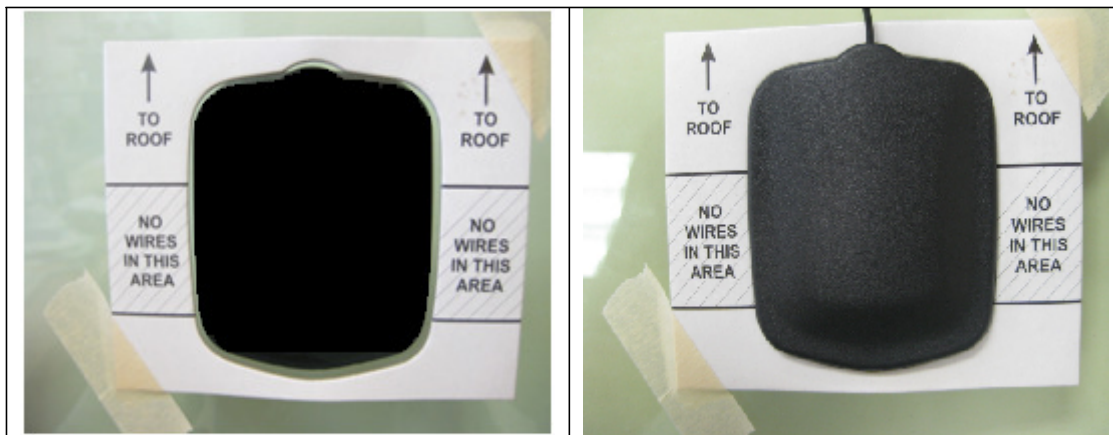
- Place exterior unit inside the template and adhere to glass by applying firm hand pressure over the entire piece for at least 60 seconds.
- Verify proper adherence to exterior surface by viewing from inside of the vehicle. Observe any air gaps, and reapply firm hand pressure over entire surface to eliminate as many air gaps as possible. (see below)



- Remove exterior template and keep it for use during the interior unit installation.

STEP 2. INSTALLATION OF INTERIOR UNIT

- Make sure you have read the previous sections about glass location and preparation.
- Install the alignment template on the interior surface directly opposite to the exterior unit. Hold in place using masking tape. Make sure that the empty template space is aligned properly with the footprint of the exterior unit. (see figure below)



- Uncoil cable so that the weight of the cable does not pull the interior unit from the window during installation.
- Slowly and carefully, remove clear plastic adhesive liner.

Caution: Adhesive pad will stick on the glass instantly and cannot be removed without having to replace. Be sure the positioning is correct before it touches the glass.

- Place interior unit inside the template (see figure above) and adhere to glass by applying firm hand pressure over the entire piece for at least 30 seconds.
- Remove interior template.

STEP 3. CABLE ROUTING TO RECEIVER

- Use caution while routing cable through headliner to avoid damage or snagging of the cable or pulling off the connector.
- Attach connector to receiver.
- Installation is complete. Enjoy the sounds of Satellite Radio.

TECHNICAL SUPPORT

- Website: xm-radio-satellite.com
- Telephone: 1-800-513-8554