



Automatic Multi-Satellite TV Antenna

## **Turret Replacement Instruction Manual**

for models SK-LG00, SK-LG20, SK-SM00,  
RP-SKLG, RP-SKSM & RP-SWM3

**For help, email [help@winegard.com](mailto:help@winegard.com)  
or call 1-800-788-4417**

# Raising the Antenna

Complete the following steps to raise the antenna for reflector and LNB assembly removal.

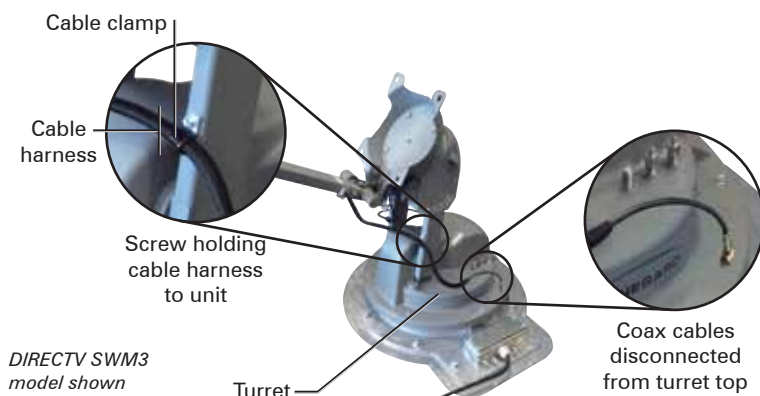
**Pay attention to the pinch points as the antenna raises!**

- 1 Press the Power button, and hold for two seconds to turn on the interface box. Wait until the interface box finishes “connecting to antenna.” The TRAV’LER® antenna may then enter the search routine after ten seconds.
- 2 As the antenna raises, press “POWER” and “SELECT” at the same time. The antenna should stop moving.
- 3 Unplug the interface box. Continue with reflector removal.

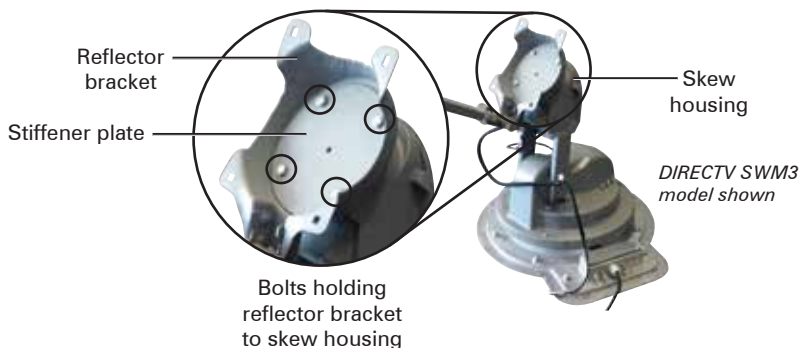
## Removing the Reflector and LNB Assembly

- 1 Remove the four reflector nuts and bolts, and remove the reflector. Set the nuts and bolts aside; you will need these later.
- 2 Disconnect the coaxial cable(s) from the turret top.
- 3 Remove the screw holding the cable harness to the unit, and detach the cable harness from the lift arm. Set the screw aside; you will need this later. Make sure the cable clamp stays in the same place along the length of the cable.

**TIP** Try taping the cable clamp in place on the cable; this way, the clamp does not slide along the length of the cable.

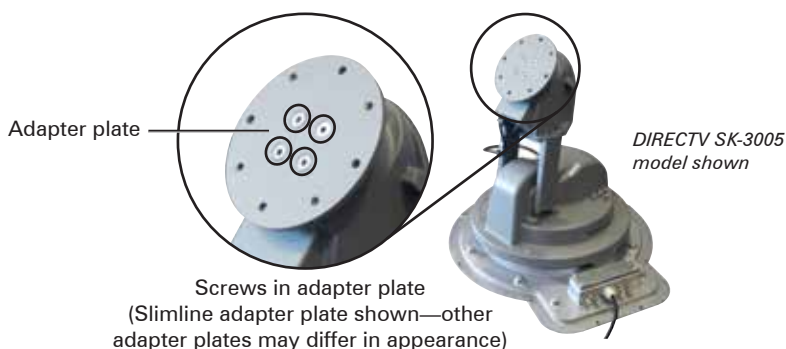


- 4** Remove the bolts holding the reflector bracket to the skew housing. Set the bolts aside; you will need these later. If replacing a DIRECTV® Slimline mount, also remove and set aside the stiffener plate.



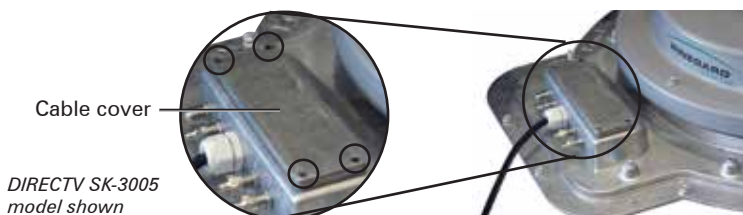
- 5** Remove the LNB arm assembly, and set aside; you will need this assembly later.

- 6** Remove the four screws from the adaptor plate, and remove the adaptor plate. Set the screws and plate aside; you will need these later.

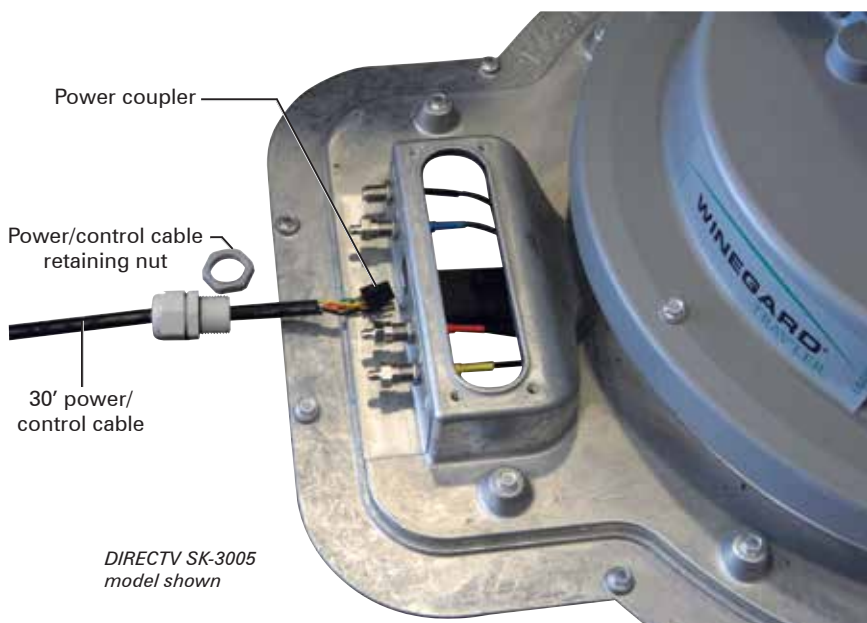


## Disconnecting Cables

- 1** Remove the four screws from the cable cover. Remove the cable cover.



- ② Loosen and disconnect the 30' power/control cable.
- ③ Unclip the power coupler from the internal power cable, and unthread and remove the power/control cable retaining nut.



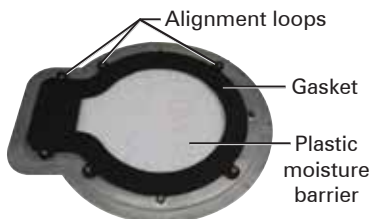
- ④ Remove coax cable(s) from the bottom of the TRAV'LER antenna.

## Replacing the Motor Mount

- ① Remove the nine screws around the edge of the base. Do not remove the screws around the edge of the transition plate or the screws on the top side of the turret assembly.



- ② Wipe off the plastic moisture barrier, and make sure the barrier is completely dry before replacing the mount. **If the barrier is not replaced or not completely dry before being replaced, you will void your warranty.**

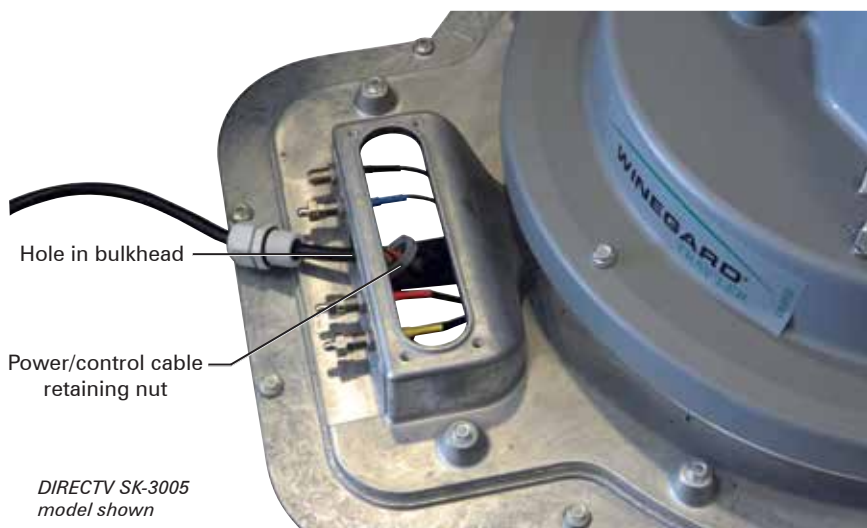


**TIP** You should be able to read “DO NOT REMOVE,” and the grooves on the plastic barrier should fit into the lip of the transition plate.

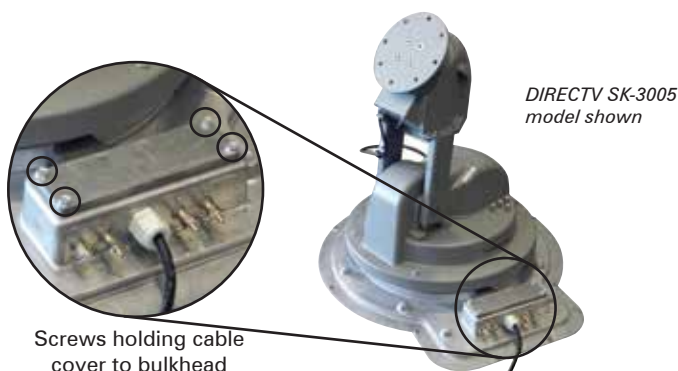
- ③ Make sure the gasket is positioned with the alignment loops over the six threaded alignment pins as shown above. If the unit being replaced does not have a plastic barrier and gasket, use the plastic barrier from the replacement unit.
- ④ Remove the nine screws around the base of the replacement mount, and remove the transition plate from the mount. Set aside the screws.

## Connecting Cables

- ① Remove the four screws from the cable cover, and remove the cable cover. Make sure the seal stays inside the cable cover. Set the screws and cover aside; you will need these later.
- ② Slide the power/control cable through the hole in the bulkhead, and slide the retaining nut over the cable with the flat side of the nut against the wall of the bulkhead.



- ③ Thread the washer, and tighten.
- ④ Clip the power coupler to the internal power cable on the replacement mount. You should hear the clip click into place.
- ⑤ Replace the cable cover, making sure the seal has not shifted.
- ⑥ Align the holes in the cable cover with the holes on top of the bulkhead, and place a screw through each hole. Tighten.



- ⑦ Place the replacement mount on the transition plate; the holes in the mount base should align with the holes in the transition plate.
- ⑧ Place nine screws (removed from base earlier) through holes, and tighten.
- ⑨ Reconnect coax cable(s) to bottom of TRAV'LER. The SWM TRAV'LER antenna will only have a coax cable to port C.

## Raising the Antenna

- ① After all cables have been connected, plug in the interface box.
- Pay attention to the pinch points as the antenna raises!**
- ② Press and hold the Power button for two seconds to turn on the interface box. Wait until the interface box finishes "connecting to antenna." The TRAV'LER antenna may enter the search routine after ten seconds.
  - ③ As the antenna raises, press "POWER" and "SELECT" at the same time. The antenna should stop moving. Continue with "Installing the Adapter Plate & Reflector Bracket for DISH® 1000/Triple LNB TRAV'LER Antennas" or "Installing the Adapter Plate & Reflector Bracket for DIRECTV Slimline TRAV'LER Antennas."

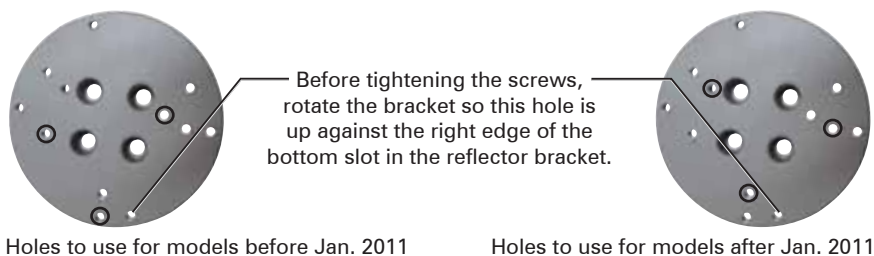
# Installing the Adapter Plate & Reflector Bracket for DISH 1000/Triple LNB TRAV'LER Antennas

- 1 Align the small post on the back of the adapter plate with the small groove on the skew assembly hub. Fit the small post into the groove.
- 2 Secure the adapter plate to the hub with four ¼ inch Allen screws.



- 3 Place the reflector bracket on the adapter plate.
- 4 Install bolts according to the following instructions.

If replacing a Triple LNB TRAV'LER antenna mount, use the holes designated for installing bolts.



If replacing a DISH 1000 TRAV'LER antenna mount, use the holes designated for installing bolts.



Continue with "Replacing the Reflector & LNB Assembly."

## Installing the Adapter Plate & Reflector Bracket for DIRECTV Slimline TRAV'LER Antennas

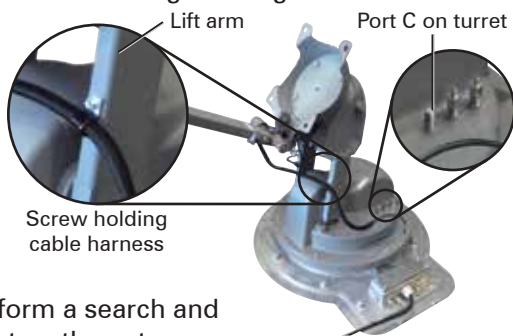
- 1 Align the holes in the adapter plate with the holes in the skew assembly hub. Place the four bolts (removed earlier) through the four holes in the adapter plate.
- 2 Place the reflector bracket against the adapter plate. The holes in the bracket should align with the holes in the adapter plate.
- 3 Place the stiffener plate inside the reflector bracket. Install bolts through the four outer holes in the stiffener plate. Continue with "Replacing the Reflector & LNB Assembly."

## Replacing the Reflector & LNB Assembly

- 1 Connect and tighten the coaxial cable(s) that were disconnected from the turret. If replacing a DIRECTV SWM Slimline TRAV'LER antenna, the coax cable must be re-connected to port C on turret models SK-LG00, SK-LG20, RP-SWM3 (see below); for other TRAV'LER antennas, the LNB assembly coax cables can be connected in any order.
- 2 Align the hole in the cable clamp with the hole in the lift arm. Place the screw through the cable clamp and skew housing arm, and tighten.

**TIP** The screw should be positioned above the cable, and the cable clamp should not have shifted along the length of the cable.

- 3 Install the four reflector bolts through the four corresponding holes in the dish and reflector bracket. Install the reflector nuts on the back side of the reflector, and tighten.



- 4 Press "POWER" once to perform a search and "POWER" a second time to stow the antenna.

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