

WINEGARD®

DVB Upgrade Installation Instructions

Model MV-1205

STEP 1. Power unit OFF. Disconnect 12 V power.

STEP 2. Take off dome by removing bolts and top and bottom washers.

STEP 3. Disconnect all connections on the main control board, Figure 1.

1. Azimuth motor
2. Elevation motor
3. Power cable
4. GPS cable
5. "TO RECEIVER" coax cable
6. "TO LNB" coax cable

STEP 4. On top of main control box, unscrew two hex screws holding the azimuth motor cable in the white 'P' clips.

STEP 5. Unscrew the two hex screws holding the main control box to unit base. Remove box.

STEP 6. Install the NEW main control box (2762862).
Connect the following cables to the control box, Figure 2.

1. Azimuth motor cable labeled AZ MOTOR.
2. Elevation motor cable labeled EL MOTOR.

Warning! Be sure each motor is attached to the correct connection.

3. Power cable
4. GPS cable
5. Brown coax cable to coax connector labeled "TO LNB."

Screw main control box to unit base using the two hex screws previously removed. Before tightening these screws, be sure the magnets on the center gears passes through the slot in the electronics box. *It should not touch any components.*

Fasten "P" clips that hold the azimuth motor cable to the top of the main control box using the two hex screws previously removed.

FIGURE 1. Old Main Control Box

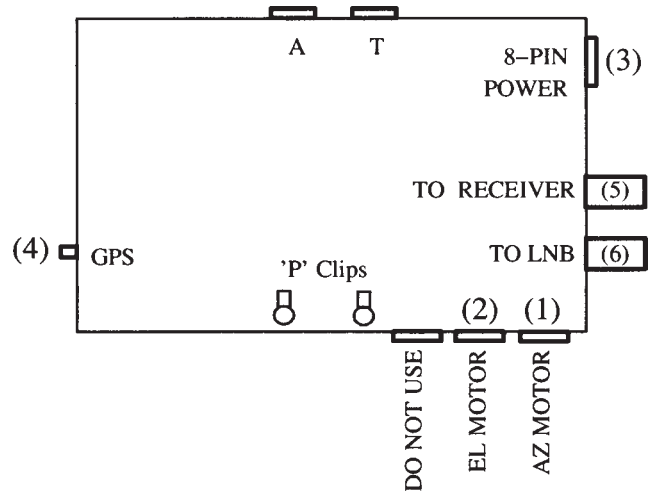
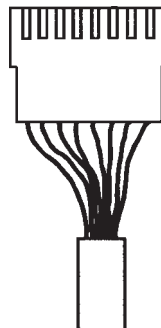
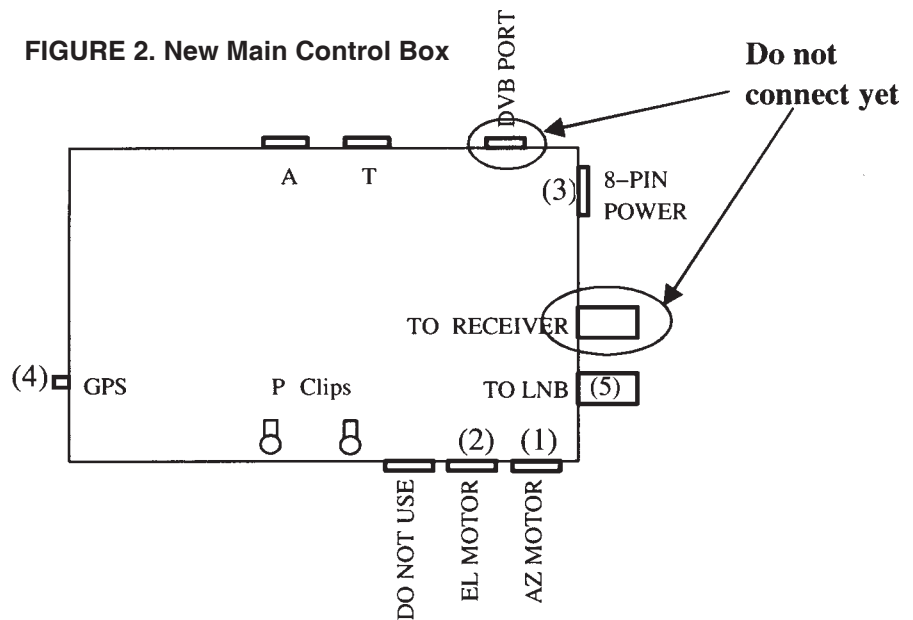


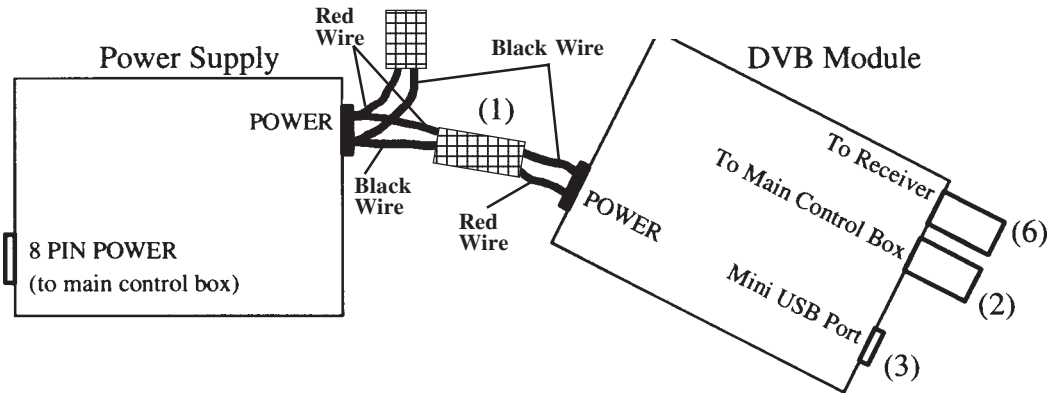
FIGURE 2. New Main Control Box



WARNING!

Be sure metal pins are facing UP on the 8-pin power cable (3), and on the AZ (1) and EL (2) motor cables.

FIGURE 3. Power Supply & DVB module



STEP 7. Install DVB module (part number 2764590).

Connect the following cables to the DVB module, as shown in Figure 3.

1. Power jumper cable (2753108); connect one end of power supply plug. Make sure red cable is closest to the outside wall of the unit.

Connect the other end of the power jumper cable to the DVB module. Be sure red cable is closest to the center of the unit.

2. RG-6 coax cable (2753106); connect one end of the coax connector on the DVB module labeled "TO MAIN CONTROL BOX", Figure 3.

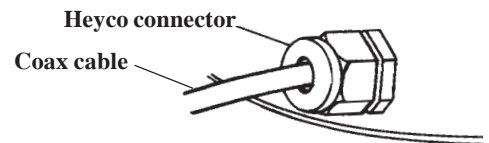
Connect the other end of the coax cable to the coax connector on the main control box labeled "TO RECEIVER" in Figure 2, page 1. This is the connector closest to the outer wall of the unit.

3. Connect the mini USB cable (2753105) to the mini USB port on the DVB module and the other end to the mini USB port on the main control box.
4. If you have a newer Movin' View, screw holes should already be in the base. Screw the DVB module to the base using screws (2160120), then go to #7. If screw holes are not in the base, go to #5.
5. Tape DVB module to base. Note the placement of the module and screw locations on DVB installation template.

6. Place DVB module so it will not be hit by the LNBF during the search process. With the dish in the down position, rotate it 360° to check for interference during rotation of the dish. If there is not interference, drill holes where DVB module is taped to the base. Use a 1/8" drill bit. Screw DVB module to the base using screws (2160120).

7. Loosen Heyco connector, Figure 4. It is on the outside of the unit base and holds the coax cable. Connect that cable to the coax connector on the DVB module labeled "TO RECEIVER", Figure 3. Pull extra length of coax out and tighten Heyco connector.

FIGURE 4. Heyco connector



8. Fasten cables to base using cable ties (2190109) and cable tie holders (2190119). Be sure there is no interference with rotation.

STEP 8.

See Figure 5. Rotate dish 360° to be sure there is no interference. Place dome on unit, using bolts and washers previously removed. Connect 12 V power and power unit ON.

FIGURE 5

