

WINEGARD®

Model RK-CEIL Replacement Kit for Ceiling Hardware Fits RM Models only

READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION! Measurements Are Crucial!
FOR RD MODEL REPLACEMENT: Use Hardware and Instructions inside plastic bag!

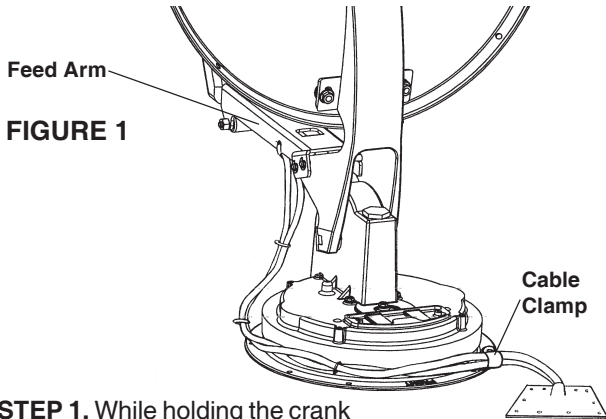


FIGURE 1

STEP 1. While holding the crank handle in place, loosen the Phillips screw on the crank handle.

STEP 2. Carefully remove all loose parts.

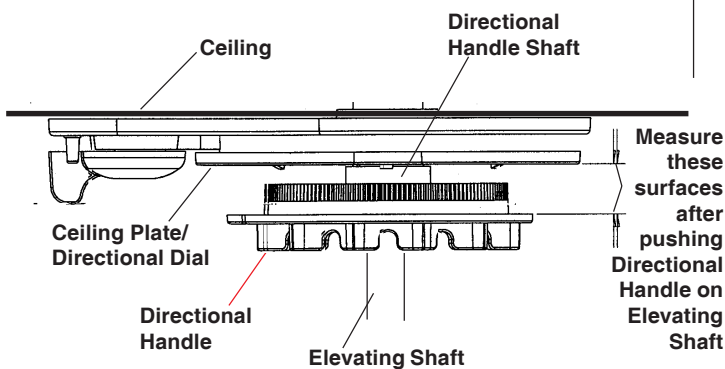
STEP 3. Remove screws holding ceiling plate in place.

STEP 4. Check Figure 2 on the other side of this page for reference to numbers. The numbers show assembly from the ceiling down. Install ceiling plate (#1) to headliner, using screws (#2).

Be sure rotate/lock lever is pointing toward back of vehicle and the center hole in the ceiling aligns with the center hole in the ceiling plate. Rotate lock lever should be in "Rotate" position.

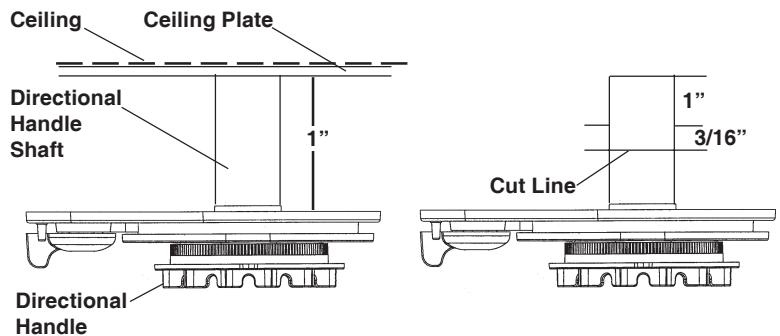
STEP 5. Push directional handle (#3) over elevating shaft. Push until you feel slight resistance. Measure the distance between the directional handle to the bottom surface of the ceiling plate, Figure 3.

FIGURE 3



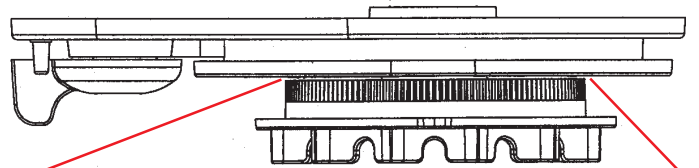
STEP 6. Remove directional handle. Measure from top of directional handle using measurements found in Step 5. Add $3/16$ " to this measurement. See example in Figure 4. Cut handle at this mark. **If you are using directional handle extension (#4, one is included), do not cut more than $1-3/4$ " off directional handle or more than $1-1/8$ " off extension. Cut equal amounts off extension and directional handle.**

FIGURE 4



STEP 7. IF YOU ARE USING AN EXTENSION, glue with ABS glue. Check directional handle for proper fit. There should be resistance when pushing the handle up to the ceiling plate. If it does not fit properly, cut $1/8$ " or less off directional handle; push on again. Repeat until directional handle is snug against the ceiling plate.

FIGURE 5



There should be no more than $1/32$ " between directional handle and ceiling plate/directional dial. If more than $1/32$ ", recut directional handle.

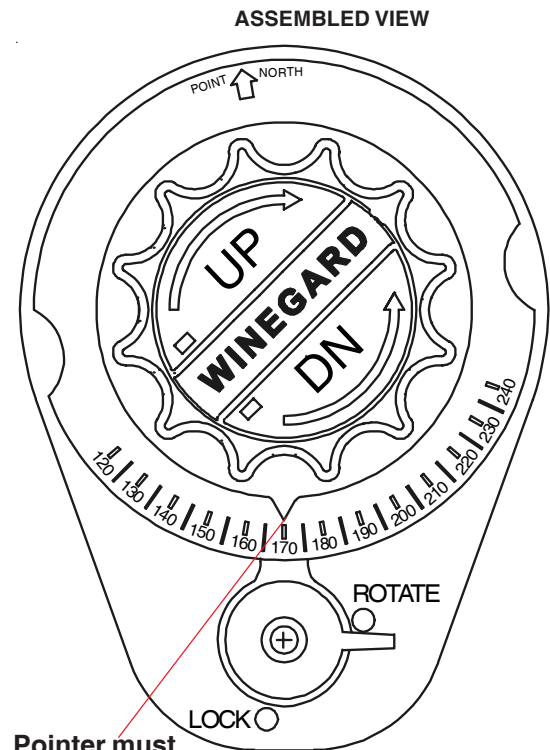
NOTE: There should be no more than $1/32$ " between directional handle and ceiling plate/directional dial, Figure 5. If there is *more than* $1/32$ ", recut the directional handle. If there is *less than* $1/32$ ", handle was cut too short.

STEP 9. Flip down handle on the elevating crank handle (#5). Slide elevating crank handle up shaft until snug against directional handle. Reinstall crank. **After screw touches shaft, tighten only $1/4$ turn more. Screw simply holds on elevating crank.**

SEE STEP 10, OTHER SIDE

STEP 10. Check system for proper operation. Crank dish 14 turns to elevate. Then, move directional handle with dish elevated. Directional handle should turn freely 370° (see “**Caution note**” on reverse). If possible, have someone watch to make sure coax does not bind or interfere with dish movement.

CAUTION: AFTER INITIAL INSTALLATION THE ANTENNA SHOULD ROTATE APPROXIMATELY 360° COUNTERCLOCKWISE FROM TRAVEL POSITION. THE POINTER ON THE DIRECTIONAL HANDLE SHOULD POINT TOWARDS THE RED SCREW ON THE ROTATION CLAMP WHEN IN TRAVEL POSITION.



Pointer must point to center of Rotation Clamp when in travel position.

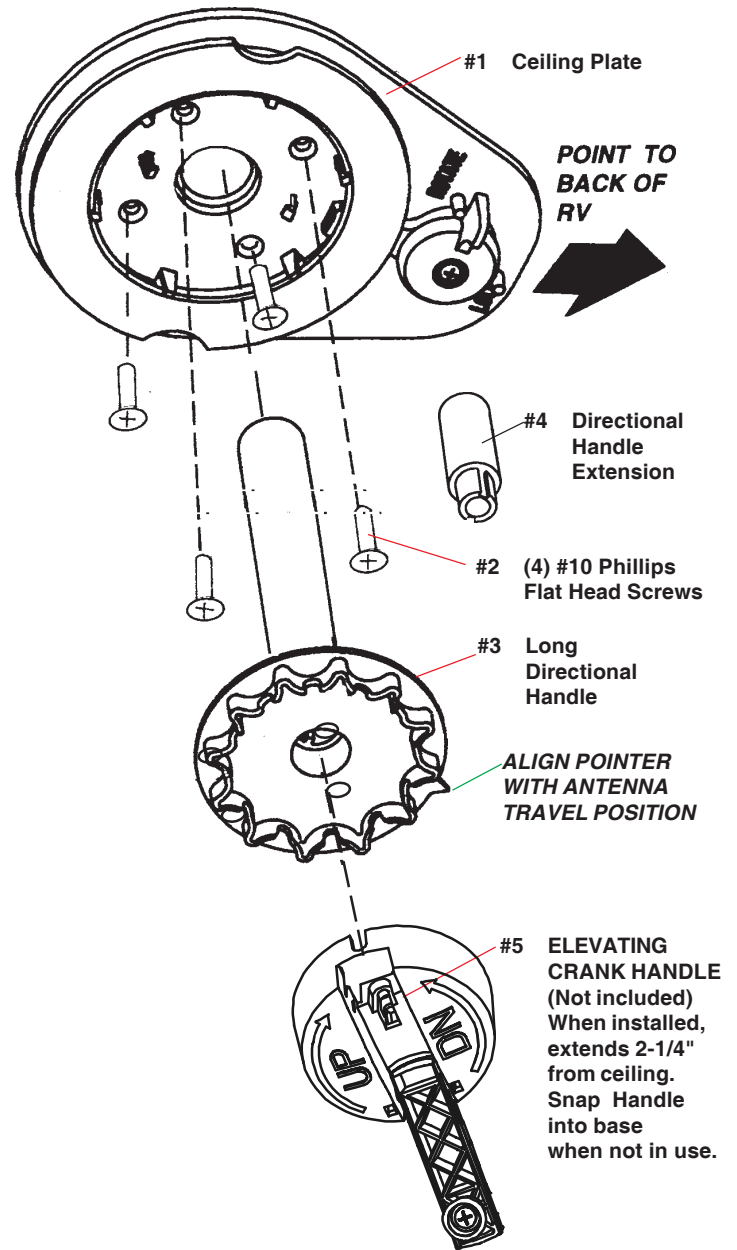
Rotation Clamp



POINT TO BACK OF RV

CAUTION: THE ANTENNA MUST BE IN THE TRAVEL POSITION BEFORE ALIGNING THE DIRECTIONAL HANDLE, AND CEILING PLATE.

FIGURE 2



Tighten screw snugly

