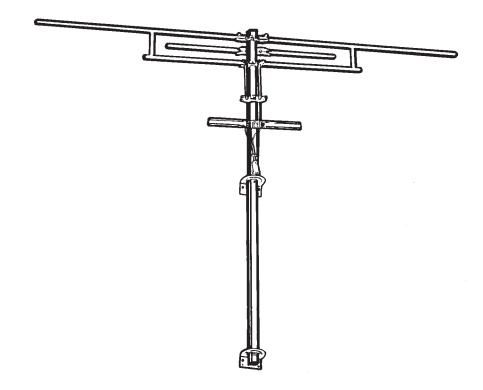


## Model RV-7020

# INSTRUCTIONS

Made in U.S.A.



# WARNING INSTALLATION OF THESE ANTENNAS NEAR POWER LINES IS DANGEROUS. FOR YOUR SAFETY, FOLLOW THE IN-STALLATION INSTRUCTIONS.

## 90 DAY LIMITED WARRANTY

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# INSTALLATION

STEP 1. Remove antenna from carton and unfold elements until they lock into place.

STEP 2. Connect loose elements to stud rivets. Use flat washers and wing nuts from hardware bag to secure loose elements. See Figure 1.

STEP 3. Insert boom plugs into top and bottom of mast. See Figure 1.

STEP 4. Insert retaining clip into hole just below downlead connection. See Figure 2.

STEP 5. Slide weather boot from matching transformer onto coax. To install the E-connectors, strip the ends of the RG-59 cable as Figure 2 shown in Figure 3A.

STEP 6. Push back and twist the braid around the Dielectric until it butts against the cable jacket. See Figure 3B.

STEP 7. Screw the F-connector onto the cable jacket until the Dielectric butts against the inner retaining ring. Cut the center conductor off flush with the end of the connector. See Figure 3C.

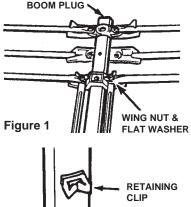
STEP 8. Attach matching transformer to downlead stud rivets with washers and wing nuts supplied from hardware bag. See Figure 4.

STEP 9. Screw coax downlead onto match-Figure 3C ing transformer, making sure to slide weather boot over connection. See Figure 4.

STEP 10. Secure matching transformer to retaining clip. See Figure 4.

STEP 11. Select location on vehicle for antenna where downlead entry will be made and where antenna may be lowered without protruding above roof line. Hold antenna in position and mark location of mast to aid in mounting mast brackets.

Figure 4



1/2

Center

Conductor

3/4"

Twist Braid over Jacket

Center Conductor to

be Flush With End of

WING NUT

& WASHER

MATCHING

WEATHER

BOOT

TRANSFORMER

CLIP

Connector

Dialectric

Type F-Connector

RG/59

RG/59

Figure 3A

Figure 3B

RG/59

Jacket

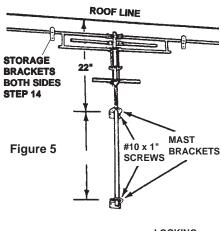
roof line. Use two (2) #10 x 1" sheet metal screws provided in hardware bag. See Figure 5. Mount bottom bracket 18" below top mast bracket, making sure brackets line up vertically. See Figure 5.

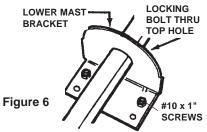
STEP 12. Mount mast bracket 22" below

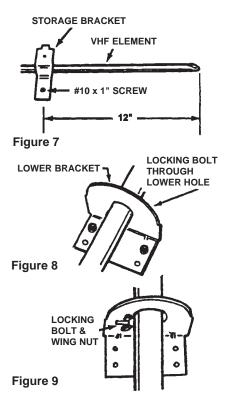
STEP 13. Slide antenna assembly down thru mast brackets. Insert locking bolt thru top hole in mast so it will be above lower mast bracket. See Figure 6. Antenna should rest on locking bolt.

STEP 14. Place storage brackets approximately 12" from end of long VHF element and attach to vehicle with one (1) #10 x 1" sheet metal screw. See Figure 7.

STEP 15. Run downlead to TV set, leave enough slack so antenna may be raised.







To Lower Antenna to Travel Position: Rotate antenna until elements are on side facing vehicle. Remove locking bolt and wing nut, slide antenna down thru mast brackets until VHF element rests on storage brackets. Replace locking bolt in top hole below bottom mast bracket and secure

To Raise Antenna to Operating Position:

Remove locking bolt and wing nut from hole in center of mast, slide antenna up thru brackets until hole at bottom of mast is just above bottom mast bracket and insert locking bolt and secure with wing nut. See Figure 5.

NOTE: Antenna may be rotated when in the operating position to obtain best

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picture.

# bolt and wing nut. See Figure 9.

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