

OPERATION AND MAINTENANCE OF WINEGARD TV ANTENNA

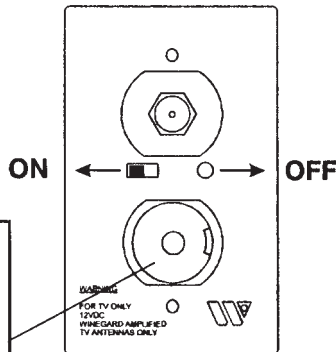
The majority of American RVs are fitted with a Winegard TV antenna. Although this unit is not specifically tuned to receive TV signals in the UK and Europe it will perform adequately provided it set up carefully and maintained regularly. Here we publish the manufacturer's tips on operating and maintenance of the antenna.

RAISING ANTENNA TO OPERATING POSITION



Turn elevating crank (clockwise) in "UP" direction about 13 turns or until some resistance to turning is noted.

AMPLIFIED MODELS ONLY – Turn power supply ON to use either front or rear TV outlet. Neither outlet will work unless power supply switch is ON.



WARNING

DO NOT connect high current devices such as hair dryers to this receptacle. Maximum current rating of this receptacle is 7.5 amps at 12 VDC.

WARNING
FOR TV ONLY
12VDC
WINEGARD AMPLIFIED
TV ANTENNAS ONLY

ROTATING ANTENNA FOR BEST PICTURE



Make sure antenna is in "UP" position. Pull down on both hands until it disengages ceiling plate and rotate for best picture.

LOWERING ANTENNA TO TRAVEL POSITION

Rotate antenna until pointer on directional handle aligns with pointer on ceiling plate. Turn elevating crank (counter clockwise) in "DOWN" direction about 13 turns or until resistance is noted. Antenna is now locked in travel position.

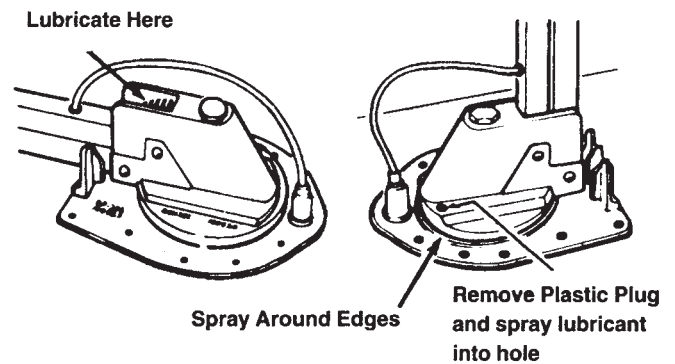
IMPORTANT:

Under no conditions lower antenna in any position except travel position.

LUBRICATION

STEP 1: To lubricate the elevating gear, apply a liberal amount of silicone spray lubricant to the elevating gear with the lift in the down position (see illustration below), then run the lift up and down a few times to distribute the lubricant over gears.

STEP 2: Twice yearly, or in the event that rotating the antenna becomes tight, normal operation can be restored by lubricating the bearing surface between the rotating gear housing and the base plate. Any silicone lubricant spray may be used. Elevate antenna and remove set screw or plastic plug from rotating gear housing as shown. Spray lubricant into hole and around edges of gear housing. Rotate gear housing until lubricant coats bearing surfaces and antenna rotates freely.



LUBRICATING RUBBER QUAD RING

Lubricate rubber quad ring on elevating shaft which is below the worm gear with silicone spray lubricant at least twice yearly. This will keep quad ring from becoming brittle which could result in leaks down elevating shaft.

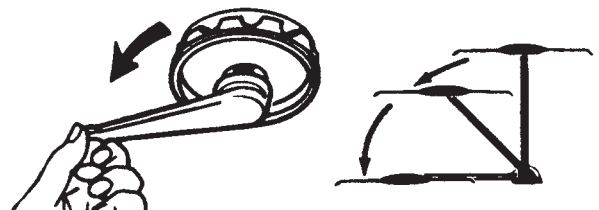
into hole

Wave Washer
Flat Washer
Rubber Ring



DO'S and DON'T'S

1. Do check parking location for obstructions before raising antenna.
2. Do carefully raise, lower and rotate - if difficult, check for cause.
3. Do rotate slowly when selecting station and check fine tuning on TV set to make sure it is properly adjusted.
4. Do lower antenna before moving vehicle.
1. Don't force elevating crank up or down, check for cause of trouble.
2. Don't rotate directional handle hard against stops.
3. Don't travel with lift in up position.
4. Don't leave lift part way up or down.
5. Don't apply sealing compound or paint over top of base plate or anywhere on lift.





WHAT TO DO WHEN YOUR TV ANTENNA IS NOT WORKING PROPERLY

HOW YOUR SYSTEM WORKS

Turning power supply on sends +12 VDC up the aerial cable to the antenna. Voltage energizes transistors on amplifier in antenna head. TV signal comes back down cable to outlets.

HOW TO TEST SYSTEM

1. Make sure TV set is working properly.
2. Switch power supply ON and OFF to see if there is a difference in the picture quality while watching TV. If NO difference, use following steps.

CAUTION: The power supply should be turned OFF when connecting/disconnecting cables to power supply and antenna, but should be turned ON when testing for voltage.

3. Disconnect cable from antenna and check for +12 VDC at Test Point #1. If there is +12 VDC, the power supply is OK and the antenna needs to be replaced.

4. If there is NO +12 VDC at Test Point #1 reconnect cable to antenna. Remove power supply from wall and visually inspect for burnt/broken parts. If there are ANY broken or burnt parts replace power supply.

5. Disconnect cable from antenna jack on power supply. Check for +12 VDC. If +12 VDC is present, there is a problem in the cable connecting the power supply to the antenna.

Repair/replace cable.

NOTE: If power supply has a polyswitch, see Figure 2 or 3, the power supply will reset itself after short in the cable is removed.

6. If +12 VDC is not present at Test Point #2, check that the red indicator light is ON. If not, check the polarity of the red/white wires and check the +12VDC source. If there is still no +12 VDC replace power supply.

INSTALLING FC-5900 CONNECTORS ON COAX CABLE

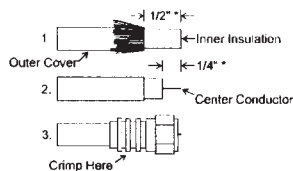
Step 1. Strip outer cover back 1/2" * from end of cable. Fray braid back as outer cover will allow.

Step 2. Trim braid close to outer cover and remove 1/4" * of inner insulation being careful not to nick center conductor. Make sure no foil or braid can touch center conductor.

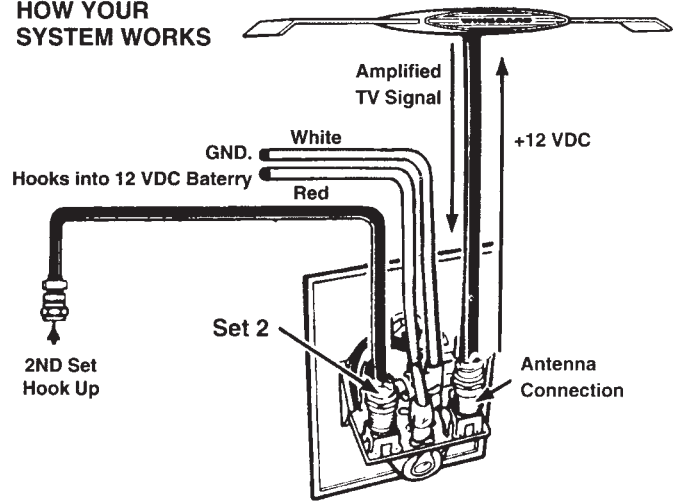
Step 3. Slide connector tip between braid and inner insulation (braid and foil, on foil shield cable) and push connector on cable as far as it will go. Crimp built-in ferrule with proper crimping tool. Hex connector requires hex crimping tool. Do Not crush cable out-of-round.

* If installing in very hot weather, increase these dimensions 1/8".

WARNING: DO NOT INSTALL COUPLERS, SPLITTERS, ETC. BETWEEN THE POWER SUPPLY AND THE ANTENNA. INSTALLATION OF ANY ITEM ON THE DOWNLEAD MAY CAUSE A SHORT IN THE SYSTEM. THE DOWNLEAD SUPPLIES +12 VDC TO THE PREAMP IN THE ANTENNA.



HOW YOUR SYSTEM WORKS



TO TEST SYSTEM

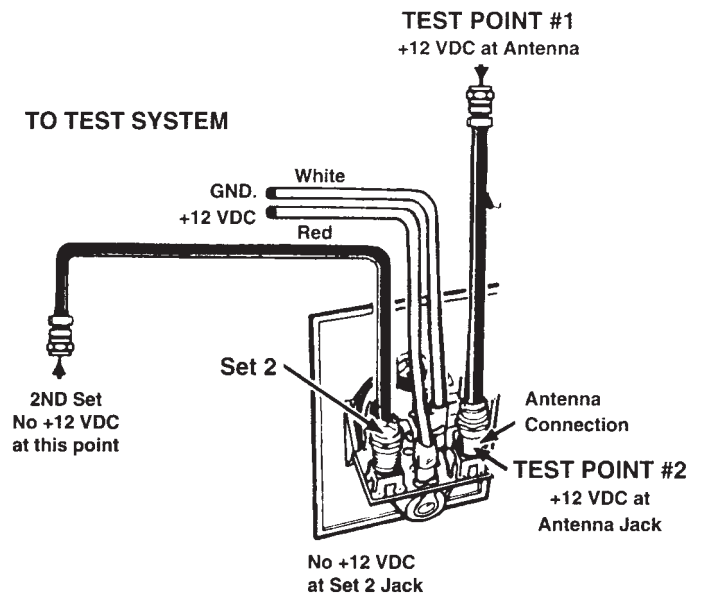
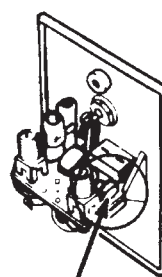


FIGURE 1



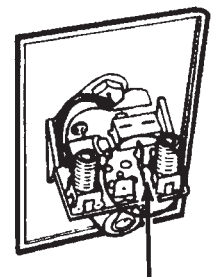
RF Ckoke
Power Supply
No Polyswtich

FIGURE 2



Polyswitch
Power Supply
With Polyswtich

FIGURE 3



Polyswitch
Power Supply
With Polyswtich

PLEASE SEND LETTERS, ARTICLES, INFORMATION AND OTHER ITEMS RELATING TO RVs TO THE EDITOR ARVM
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