

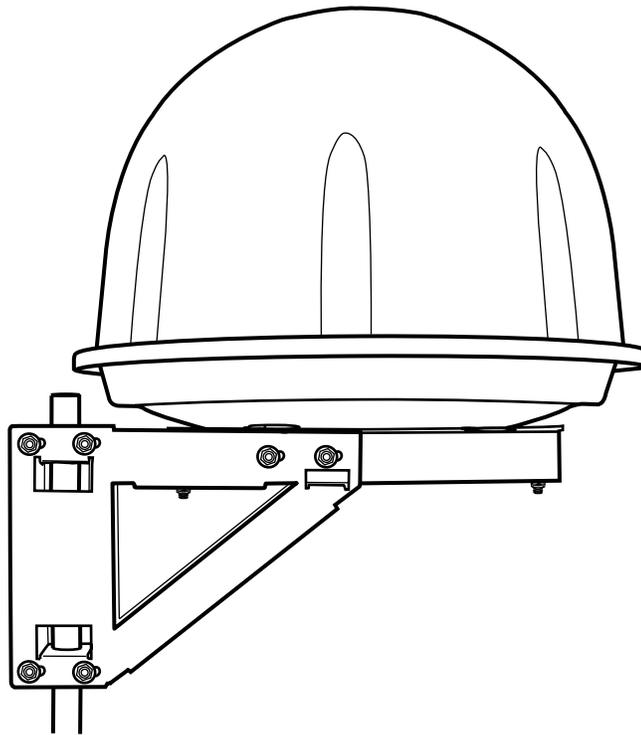
WINEGARD®

INSTALLATION MANUAL

Model GM-3000

Carryout® Ladder Mount

for mounting pipes with outer diameters between 1" to 1-1/8"

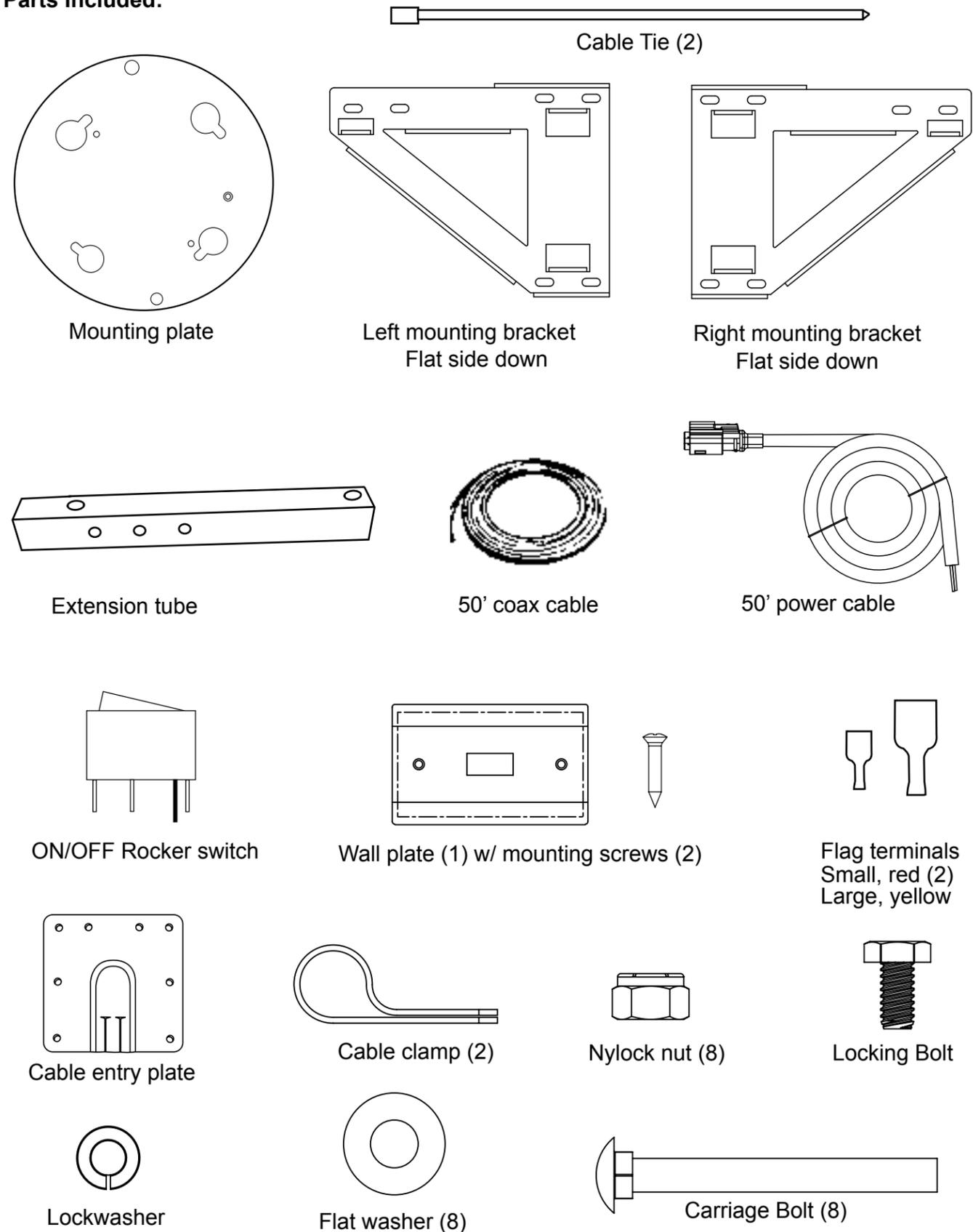


WARNING: DO NOT USE THE LADDER MOUNT AS A STEP!

NOT INTENDED FOR USE WITH THE GM-0700 SHAW DIRECT CARRYOUT

Carryout Ladder Mount Assembly and Installation Instructions.

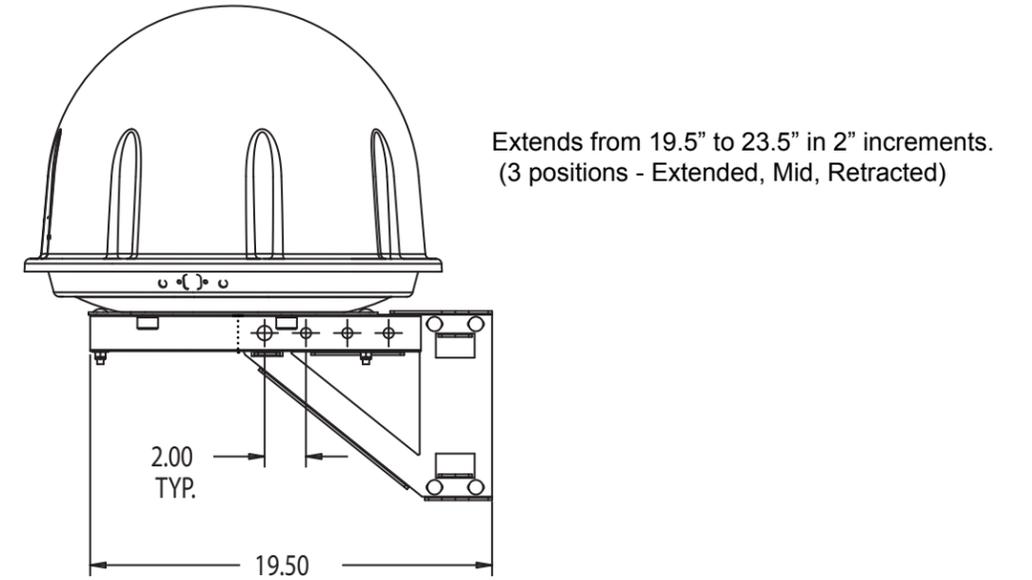
Parts Included:



Ladder Mount Assembly:

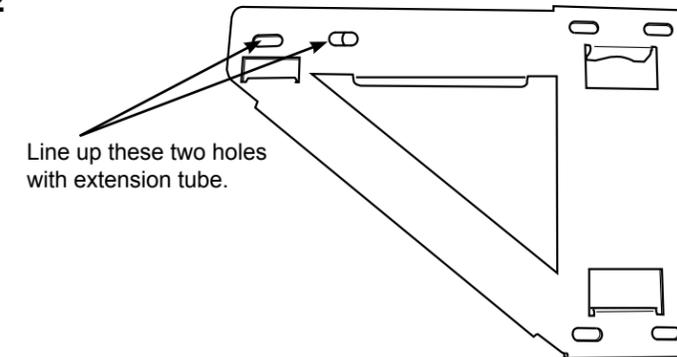
Determine how far from the ladder or mounting pole you will need the Carryout antenna. Use the Figure below to determine which of the mounting holes will best meet your application.

FIGURE 1



Step 1. Line up the two holes in the left mounting bracket shown in Fig. 1 with the two holes on the extension tube that will work best for your application. Refer to the Figure above.

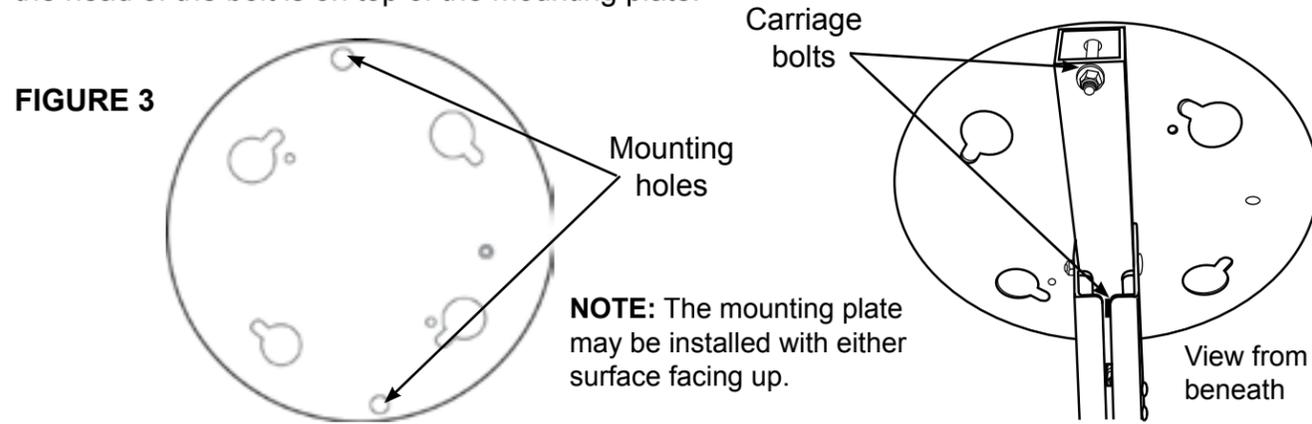
FIGURE 2



Step 2. From the flat or outside of the left mounting bracket, insert a carriage bolt into each of the two holes you lined up in Step 1.

Step 3. Place the right mounting bracket on the extension tube so that the bolts you inserted in Step 2 extend through the holes in the right mounting bracket. Place a flat washer and thread one of the nylock nuts onto each of these bolts, but **DO NOT TIGHTEN AT THIS TIME!**

Step 4. Install the mounting plate by lining up the two holes shown in Fig. 3 with the two holes on the top of the extension tube. With the holes lined up, insert a carriage bolt into each of the holes so that the head of the bolt is on top of the mounting plate.



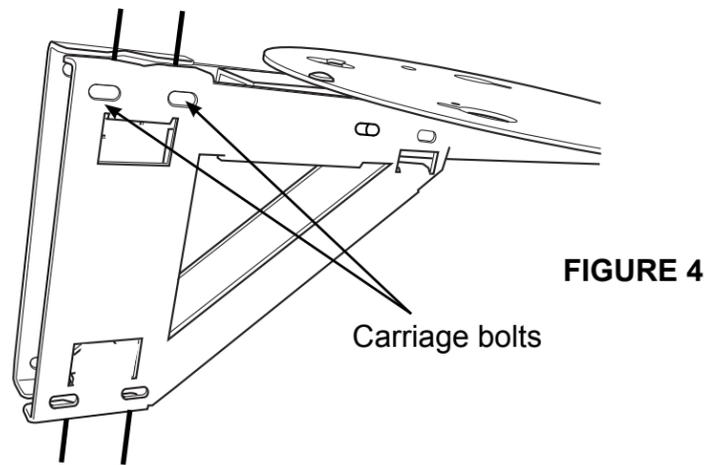
Step 5. Place a flat washer and thread one of the nylock nut onto each of the two bolts holding the mounting plate to the extension tube. Tighten these nuts, making sure they are snug.

Installing the Ladder Mount:

Step 1. Spread the left and right mounting brackets apart to allow the ladder mount to slide onto the rail of the ladder or mounting pole.

Warning:

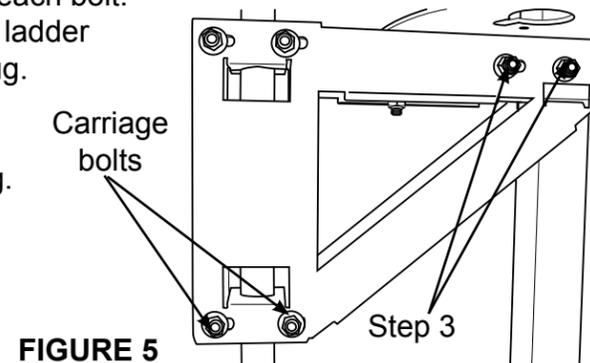
The Ladder Mount with the Carryout antenna installed weighs 20lbs. Verify that the pole you are mounting to can support 20lbs while traveling.



Step 2. Insert two carriage bolts into the top two holes shown in Fig 4. Place a flat washer and thread a nylock nut onto each bolt. Move the ladder mount to the desired height. When the ladder mount is in place, tighten the two nuts until they are snug.

Step 3. Tighten the nuts holding the brackets and extension tube together. Make sure these nuts are snug.

Step 4. Insert the last two carriage bolts into the bottom two holes shown in Fig. 5. Place a flat washer and thread a nylock nut onto each of these bolts and tighten the nuts until they are snug.



Cable entry installation —

1. Decide the best location for the power and coax cables to enter the vehicle, and the location of the power switch and receiver. Drill a 1/2" hole in the roof, push wires inside.

NOTE: You must have a +12 VDC power source that meets the following specifications:

Typical DC Voltage range 13-15 VDC
 DC Voltage tolerance 2-5% over 0% to 100% of rated load
 Typical Min. Current Range 5-6 amps
 Ripple and Noise Max.100mV p-p

2. For a two receiver installation, refer to "connecting two receivers" below.
3. Place the cable-entry plate over hole and cables. Screw in place. Seal plate and screw holes with approved sealant (not included).
4. Depending on the length of the cable on the roof, you may need to use cable clamps or wire ties between the unit and your cable entry plate. Clamping the cable every 12"-16" should eliminate any unnecessary cable movement, Figure 6.



FIGURE 6

Connecting one receiver

Connect the coax cable from the antenna to the "SATELLITE IN" on the receiver.

Connecting two receivers

1. Remove the cap protecting the secondary coax connection on the base of the Carryout antenna.
2. Connect the second coax cable to this port.
3. Connect the coax cable coming from the antenna to the "SATELLITE IN" input on the primary receiver. The primary receiver is the receiver used most often and will decide which satellite the Carryout is looking at.
4. Connect the secondary coax cable coming from the antenna to the "SATELLITE IN" input on the secondary receiver.

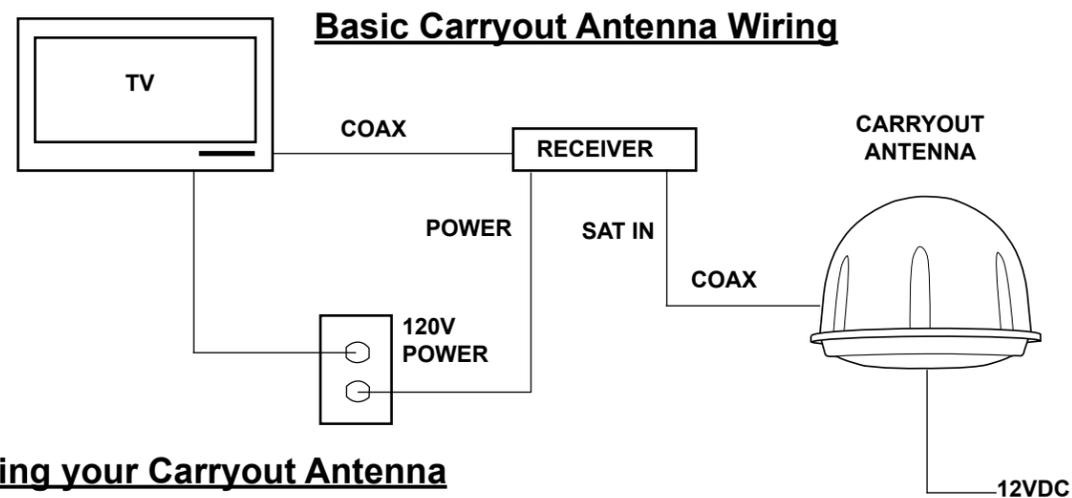
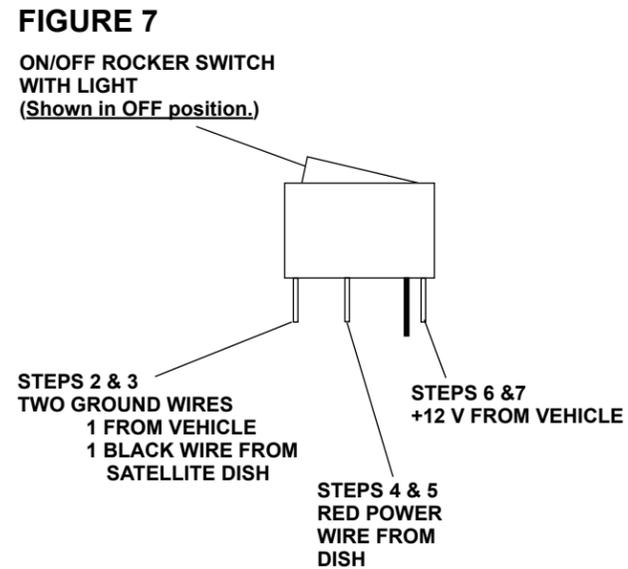
NOTE: Secondary receiver will only be able to receive programming from the satellite the Primary receiver is looking at.

Installing the power switch—

1. Choose a location to install the Carryout power ON/OFF switch. Remember when selecting a location you will need to run the +12VDC power cable from the Carryout antenna to the switch. Be sure the switch is in the OFF position before continuing. See Figure 7.

Wall or panel mount: Drill 1-1/4" hole, pull wires through wall or panel.

2. Connect the ground wire from the vehicle and the BLACK ground wire from the antenna together, using large yellow flag connector.
3. Connect the YELLOW flag connector to the spade on the switch Shown in fig. 7.
4. Connect the RED wire from the antenna to the small RED flag connector.
5. Connect small RED flag connector to center spade on switch.
6. Connect the +12 V power wire from the vehicle to a small RED flag connector.
7. Connect small RED flag connect to isolated spade on switch.



Operating your Carryout Antenna

1. Turn on receiver and television set. **The Carryout antenna must be connected to a receiver that is plugged into 120 VAC.**
2. **Verify that you are getting any of the receiver's menu screens** on the television. These screens are available with or without the dish finding the signal.
3. **Turn on the power for the Carryout antenna.** The dish will detect if it is already on a satellite signal. If it detects a signal, the dish will move to check it's alternate satellite and then move back to the original satellite signal that is on.
4. If no signal was detected, the dish will begin its search to locate the primary satellite. Once the dish locates a signal, it will pause long enough to identify which satellite it has located. This may or may not be visible on your receiver's point dish screen.
5. After the unit has verified that it has the correct satellite, it will move to check the alternate satellite and move back to the primary satellite to complete the search routine.

6. Once the unit stops moving for more than one minute, it should be locked on the signal. Your receiver may need a moment or two to download new programming before viewing is possible.

7. **If you do not have signal**, see *Troubleshooting*, p.8 of your Carryout antenna manual.

NOTE: Because the Carryout antenna uses information from the last location that it was on a signal, satellite acquisition may take longer if the dish is inactive over long distance traveling.

DIRECTV® must be set to 3-LNB (18" x 20"). In some cases, this option may not be available; when this happens, use the three satellite option. Refer to your receiver manual for more information.

DISH® receivers must have the check switch set to "SW64".

Attaching the Carryout on the Ladder Mount

Step 1. Disconnect the power and coax cables from the base of the Carryout unit.

Step 2. Set the Carryout on the Mounting Plate lining up the 'feet' of the Carryout so that they fit into the holes in the Mounting Plate.

NOTE: Locate the hole in the base of the Carryout antenna and line it up with the hole in the mounting plate for the locking bolt before attaching the Carryout antenna.

Step 3. Twist the Carryout antenna to rotate the 'feet' into the slots that hold the antenna in place while traveling.

Step 4. Slide the lock washer onto the threads of the locking bolt.

Step 5. Thread the locking bolt into the hole in the bottom of the Mounting Plate and into the matching hole in the base of the Carryout antenna to keep the unit from rotating back out of the slots holding the antenna in place.

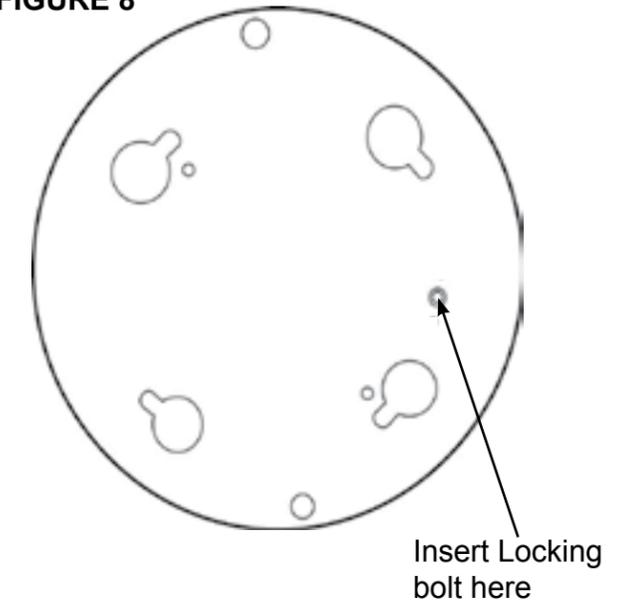
Warnings:

- The Ladder Mount with the Carryout installed weighs 20 lbs. Verify that your mounting pole can support this weight while you travel.
- The Carryout antenna needs a clear view of the Southern Sky. The Vehicle will either need to park with the Ladder Mount facing South or the Ladder Mount will need to be installed high enough to allow the Carryout to see over the vehicle.
- The Carryout antenna is for stationary use only and will not function while the vehicle is in motion.
- All nylock nuts for the Ladder mount **MUST** be tight to prevent them from vibrating loose while the vehicle is in motion.
- The locking bolt **MUST** be in place and tight while the Carryout antenna is installed on the Ladder mount.

Step 6. Connect the Ladder Mount's coax and power cables to the Carryout Antenna.

Step 7. To remove the Carryout, simply reverse these steps.

FIGURE 8



NOTE: To rotate the cable connections 180°, simply flip the mounting plate over and install it in the opposite direction.

**WINEGARD MOBILE PRODUCTS LIMITED WARRANTY
(2 YEARS PARTS; 1 YEAR LABOR)**

Winegard Company warrants this product against defects in materials or workmanship for a period of two (2) years from the date of original purchase. During year one (1) of such warranty, Winegard Company will also pay authorized labor costs to an authorized Winegard dealer to repair or replace defective products. No warranty claim will be honored unless at the time the claim is made, Customer presents proof of purchase to an authorized Winegard dealer (to locate the nearest authorized Winegard dealer, contact Winegard Company, 3000 Kirkwood Street, Burlington, Iowa 52601, Telephone 800-288-8094 or visit www.winegard.com). Customer must provide proof of purchase with a dated sales receipt for the Winegard product to verify the product is under warranty. If the date of purchase cannot be verified, the warranty period shall be considered to begin thirty (30) days after the date of manufacture.

If a defect in material or workmanship is discovered, Customer may take the product to an authorized Winegard dealer for service. Customer must provide proof of purchase to verify the product is under warranty. If the product is brought to an authorized Winegard dealer for service prior to expiration of year one (1) of the warranty period and a defect in material or workmanship is verified by Winegard Technical Services, Winegard Company will cover the Winegard dealer's labor charges for warranty service. The Winegard dealer must contact Winegard Technical Services in advance for pre-approval of the service. Approval of the service is at the sole discretion of Winegard Company.

Alternatively, Customer may ship the product prepaid to Winegard Technical Services (located at 3111 Kirkwood Street, Burlington, Iowa 52601, Telephone 800-788-4417). Customer must return the product along with a brief description of the problem and provide Winegard Technical Services with Customer's name, address, and phone number. Customer must also provide proof of purchase to verify the product is under warranty. If the product is returned before the expiration of the warranty period, Winegard Company will (at its option) either repair or replace the product.

This Limited Warranty does not apply if the product has been damaged, deteriorates, malfunctions or fails from: improper installation, misuse, abuse, neglect, accident, tampering, modification of the product as originally manufactured by Winegard in any manner whatsoever, removing or defacing any serial number, usage not in accordance with product instructions or acts of nature such as damage caused by wind, lightning, ice or corrosive environments such as salt spray and acid rain. This Limited Warranty also does not apply if the product becomes unable to perform its' intended function in any way as a result of the television signal provider making any changes in technology or service.

RETURN AUTHORIZATION POLICY

A Return Material Authorization (RMA) is required prior to returning any product to Winegard Company or Winegard Warranty Services under this warranty policy. Please call our Technical Services Department at 800-788-4417 or send an e-mail to warranty@winegard.com to obtain the RMA number. Please furnish the date of purchase when requesting an RMA number. Enclose the product in a prepaid package and write the RMA number in large, clear letters on the outside of the package. To avoid confusion or misunderstanding, a shipment(s) without an RMA number(s) or an unauthorized return(s) will be refused and returned to Customer freight collect.

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In states that do not allow limitations on implied warranties, or the exclusion of limitation of incidental or consequential damages, the above limitations or exclusions do not apply.

Some states do not allow limitations on how long an implied warranty lasts, or the exclusion of limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

This warranty gives Customer specific legal rights. Customer may also have other rights that may vary from state to state.

SATELLITE RECEIVER WARRANTY:
See manufacturer's limited warranty policy.

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