

TracVision® A5

Second Receiver

Installation Instructions

The following pages explain how to connect a second receiver to the TracVision A5 system.

Before You Begin

Before you connect the second receiver, be sure to install the original receiver and test the system for proper operation, as described in the *TracVision A5 Installation Guide*. Once you've tested the system in a single-receiver configuration, follow the instructions below to install the second receiver.

Kitpack Contents

The kitpack that was packaged with your second receiver contains various hardware and other materials that you will need to install the receiver. Ensure the box contains all of the items listed below.

Part	Part #	Qty.
Receiver	02-1287-01	1
Remote control	72-0148	1
RF converter	02-1344	1
Brackets	30-0217	2
#2-56 x 1/4" screws	14-0005-04	6
DC power cable	32-0760	1
Audio/video cables	32-0763	1
AAA batteries	15-0015	2
Splitter, RF signal	19-0341	1
Short RF cable	32-0753-07	1
Long RF cable	32-0753-72	1
Velcro washer	19-0147	1
Velcro fabric	19-0146	1

**Second Receiver
Serial Number**



Connecting the Second Receiver

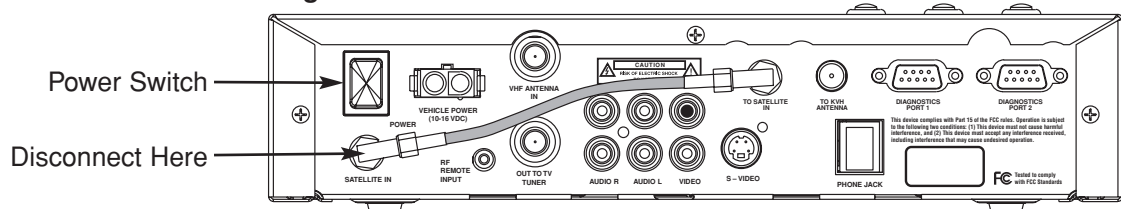
The diagram on the following page shows the complete wiring of a two-receiver configuration. Refer to this figure when connecting the second receiver to the TracVision A5 system.



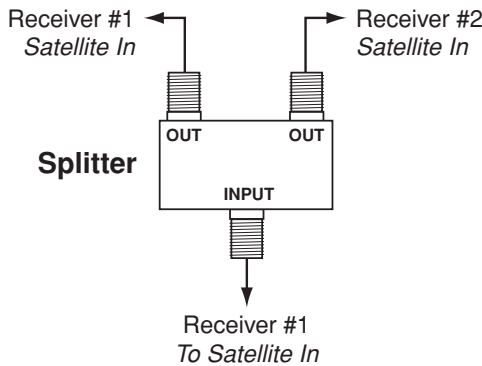
These instructions are for a basic wiring configuration. If the vehicle's entertainment system is wired differently, use these instructions as a guide and connect the cables as needed to suit the vehicle's particular configuration.

1. Turn off the original receiver's rear panel power switch. The switch's green light should go out.

Original Receiver

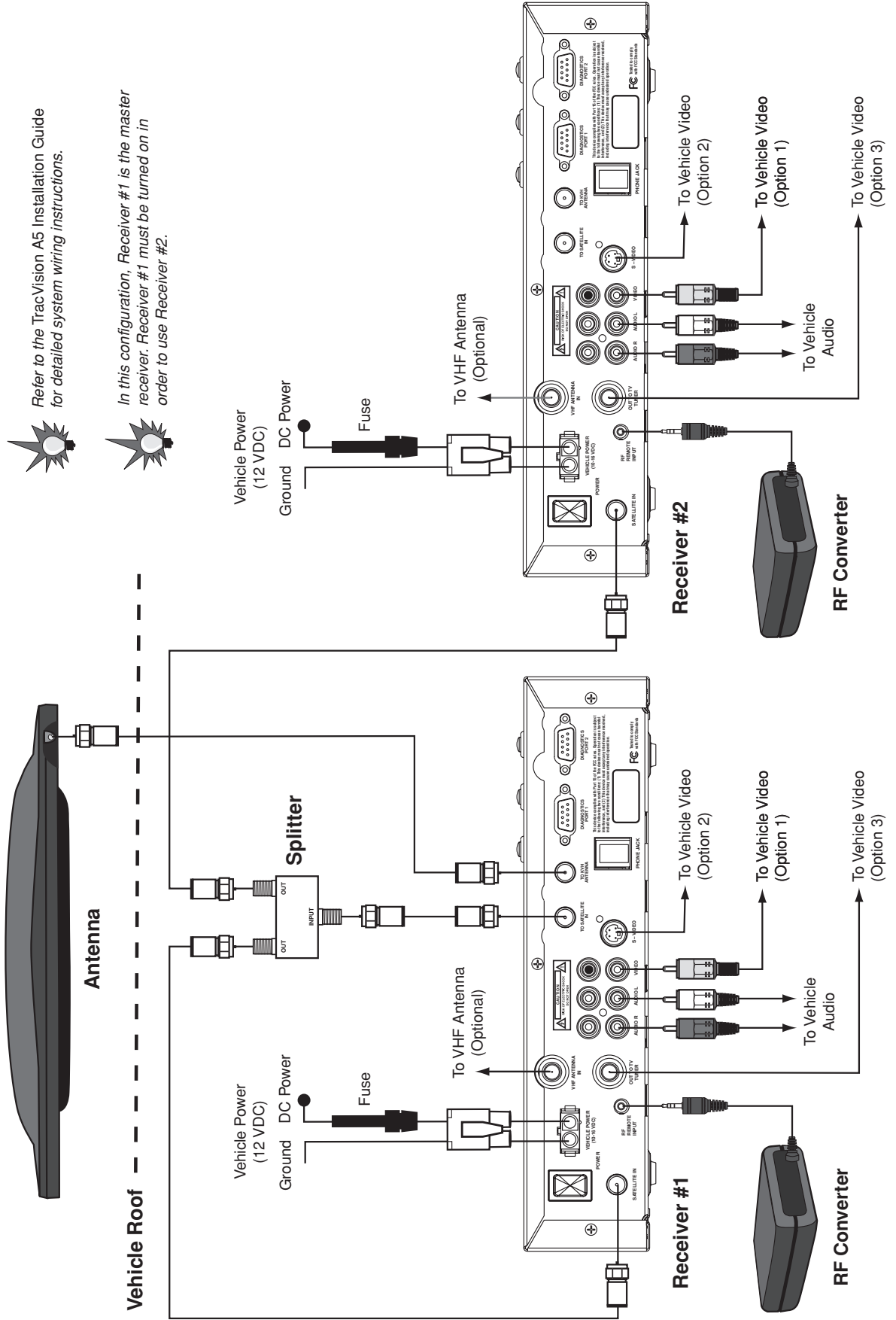


2. At the original receiver's rear panel, disconnect the RF cable from the "Satellite In" jack. Leave the cable connected to the "To Satellite In" jack.



3. Connect the RF cable (that you disconnected in Step 2) to the splitter's "Input" jack.
4. Connect the small RF cable (supplied in the kitpack) from either of the splitter's "Out" jacks to the original receiver's "Satellite In" jack.
5. At the second receiver's rear panel, completely remove the short RF cable from the "Satellite In" and "To Satellite In" jacks. Discard this cable.
6. Connect the long RF cable (supplied in the kitpack) from the splitter's other "Out" jack to the second receiver's "Satellite In" jack.
7. Follow the applicable instructions in the *TracVision A5 Installation Guide* to connect the following cables to the second receiver:
 - RF converter cable
 - Audio/video cables (to connect the second receiver to the desired audio/video components)
 - VCR (optional)
 - VHF antenna (optional)
 - Power cable (if connecting both receivers to same vehicle fuse, ensure fuse is rated for 15 amps)

TracVision A5 Wiring Diagram for Two Receivers



Refer to the TracVision A5 Installation Guide for detailed system wiring instructions.

In this configuration, Receiver #1 is the master receiver. Receiver #1 must be turned on in order to use Receiver #2.

8. Follow the instructions in *Section 3-3, "Mounting the Receiver,"* in the *TracVision A5 Installation Guide* to mount the second receiver inside the vehicle.
9. Check the cable connections at both receivers to ensure that none has come loose.
10. Follow the instructions in *Section 4-1, "Installing the Remote Control Batteries,"* in the *TracVision A5 Installation Guide* to install batteries in the new remote control.

Testing the Two-receiver Configuration

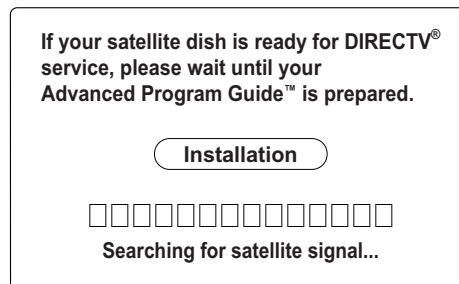
Now you need to turn the system on, test both receivers, and ensure everything works properly.

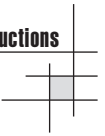
1. Ensure that the antenna has a clear view of the satellite. For complete details about satellite reception requirements, refer to *Section 1-3, "Receiving Satellite TV Signals,"* in the *TracVision A5 User's Guide*.
2. Apply vehicle power and turn on the vehicle's entertainment system. Turn on the audio/video components that are connected to the original receiver and the components that are connected to the second receiver.
3. Turn on the rear panel power switch on the original receiver. The switch's light illuminates green and the receiver beeps two or three times.



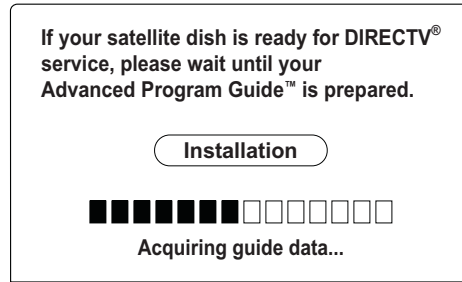
*The original receiver controls power to the TracVision antenna. You **MUST** turn on the original receiver in order to operate the second receiver.*

4. Verify that the following appears on the TV(s) that are connected to the original receiver:



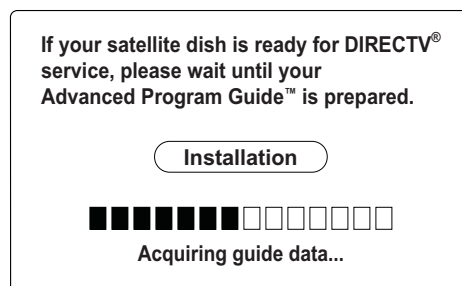


The TracVision antenna searches for and locks onto the satellite. The receiver then starts downloading the program guide and the following message appears:



This process may take up to 60 seconds. Once the program guide has loaded, a DIRECTV programming channel appears. *Only the DIRECTV preview channels (such as channels 100 and 201) are viewable if you haven't yet activated the receiver.*

5. If you don't see the messages shown in Step 4 after 30 seconds, press the SAT button on the remote control that came with the original receiver. Then press the PWR button. The original receiver beeps twice to indicate that power is applied to the antenna.
6. Turn on the rear panel power switch on the second receiver. The switch's light illuminates green and the receiver beeps two or three times. The receiver then starts downloading the program guide and the following message appears on the TV(s) that are connected to the second receiver:



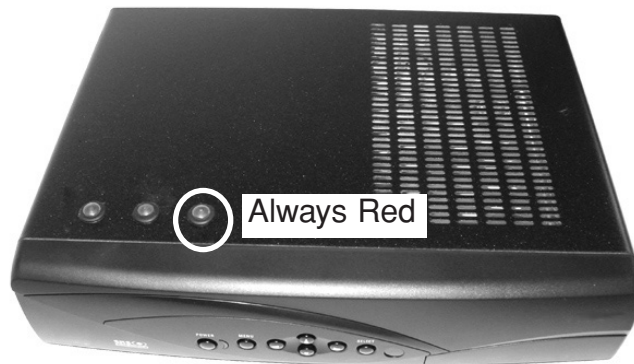
This process may take up to 60 seconds. Once the program guide has loaded, a DIRECTV programming channel appears. *Only the DIRECTV preview channels (such as channels 100 and 201) are viewable until you activate the second receiver.*

7. If you don't see the message shown in Step 6 after 30 seconds, press the SAT button on the remote control that came with the second receiver. Then press the PWR button.

Antenna Status Light on Second Receiver

Please note that the antenna status light on the second receiver will remain red at all times. **This is normal.** Only the original receiver that is connected directly to the antenna via the RF coax cable can monitor antenna status.

Second Receiver



Activating the Receiver(s)

Before you can start watching satellite TV via a TracVision A5 receiver, the receiver must be activated.



You will need the second receiver's serial number to activate it. This serial number is noted on the first page of these instructions.

If you've already activated the original TracVision A5 receiver:

Call KVH at 1-866-551-8004 to activate the second receiver under the same account. Follow the instructions on page v of the *TracVision A5 User's Guide* and be sure to tell the KVH Activation Department representative that you just need to add a second receiver to your account.

If you need to activate both receivers:

Call KVH at 1-866-551-8004 to activate both receivers. Follow the instructions on page v of the *TracVision A5 User's Guide* and be sure to tell the KVH Activation Department representative that you need to activate two receivers.

Using the Two Receivers

With two receivers, your vehicle's passengers can now watch different channels. One passenger can use the original receiver's remote control to change the channel on one screen, while another passenger can use the second receiver's remote control to change the channel on the other screen. *The second receiver's remote control is programmed to work exclusively with the second receiver.*



To operate the second receiver, you must use the second receiver's remote control. To operate the original receiver, you must use the original receiver's remote control.

Remember, the original receiver must always be turned on in order to use the second receiver.

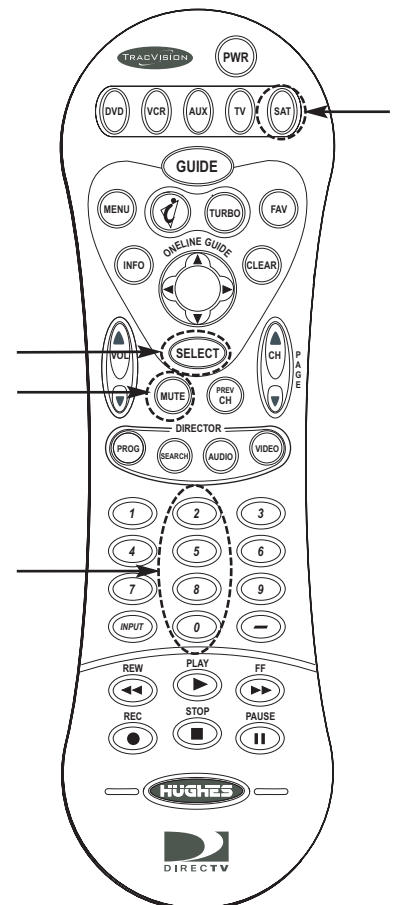
Using the New Remote Control to Operate Other Vehicle Components

In addition to controlling the second satellite receiver, you may be able to operate your vehicle's TV, VCR, DVD, or AUX components using your new TracVision remote control. For details, refer to *Section 3-3, "Programming the Remote Control to Operate Other Components,"* in the *TracVision A5 User's Guide*.

Programming a Replacement Remote Control to Operate the Second Receiver

To operate the second receiver, you must use a remote control that is programmed with the second receiver's remote ID. The remote control that came with this kit is already programmed with the proper remote ID, so you don't need to reprogram it. However, if you order a replacement remote control, and you need to use it to operate the second receiver (and not the original receiver), follow the steps below to program the replacement remote control.

1. Press and hold the SAT button.
2. At the same time, press the MUTE button for two seconds.
3. Release both buttons. The SAT button should remain lit. If it doesn't, repeat Steps 1-3.
4. Using the numeric keypad, enter "002".



5. Press the SAT button to lock in the code.
6. Press the SELECT button twice.
7. The replacement remote control should now be programmed to operate the second receiver.