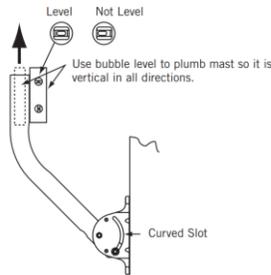


ALIGNING A SATELLITE DISH TO ACQUIRE SHAW DIRECT SIGNAL AT RANCHO VENTANA

Install the mast and make sure it is level before installing the dish.



Connect coax cable from the LNB to the receiver. If it is a PVR receiver, connect 2 x coax cables from the LNB to the receiver.

Turn on the receiver and using the remote go to System status (on the remote press Options >4>3>1)
Tune satellite

DSR 600/605

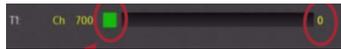
If it has been previously activated set it to channel 700. If not previously activated set it to 252

DSR 630 PVR

If it has been previously activated set it to channel 711 and then 700.

If not previously activated set it to 250 and then 252

Verify the connection between the satellite receiver and the LNB. The square next to the signal bar should be green. (For HDPVR 630, both squares should be green)



The objective is to tune and maximize the signal on a scale of 0-99. Typically between 80-90.

With the receiver on and your assistant ready to monitor the signal strength on the TV, you are now ready to make adjustments to the dish to acquire the Shaw Direct satellite signal.

1. Refer to the azimuth, elevation and skew settings for the location that you recorded.
2. **For initial alignment, set the skew to 90 degrees.** Skew will be readjusted to your specific location setting once you acquire the Shaw Direct satellite signal. **TIP: It is easier to locate satellite signal with skew set to 90 degrees.**

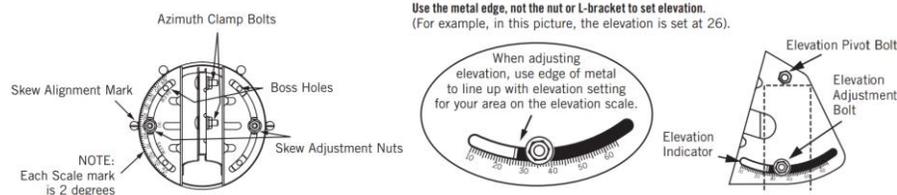
3. Check that the dish elevation is set to the elevation setting listed for your area.

Rancho Ventana

Elevation 50.16

Skew 84.7

Compass 170 degrees True North, 159 degrees Magnetic North (Slightly Southeast)



4. After initially setting the dish up, draw a reference mark on the dish clamp and pipe mast as a starting point before you make any adjustments to the dish.
5. With the dish pointing straight south and standing behind the dish, using both hands, grasp the dish on each side and slowly move the dish in very small increments to the east or west (several degrees) while your assistant observes the TV installation menu for increases in signal strength.
6. As you start to get an indication of increasing signal, make a second reference mark on the dish clamp and pipe mast to serve as a point where signal strength increased
7. As you move dish past the point of maximum signal strength, move dish back in the opposite direction until you achieve maximum signal.
8. Tighten the dish clamp screws.
9. Now make small adjustments to the elevation of the dish to see if you can further improve on the signal strength. Loosen the Elevation Adjustment Bolts and make slight adjustments (1/2 degree increments) in the elevation, finding the maximum signal strength. When you've located the maximum signal strength possible, securely tighten all bolts.
10. As a last step, adjust the skew of the dish according to the skew setting you recorded for the location where you are installing the dish. Again, make small adjustments as your assistant monitors the signal strength. When you have reached maximum signal strength tighten the screw to lock down the skew setting

Signal Verification

The front panel of the satellite receiver will indicate if the correct Shaw Direct signal is being received. On the receiver, observe the LED signal status indicator light. Once this light is no longer red, it indicates the receiver is tuned to a valid channel and has acquired the Shaw Direct signal.

You are ready to proceed to the next step. If this LED light is RED it indicates NO SIGNAL is being received by the receiver. The dish is not properly aligned to receive the Shaw Direct satellite signal.

Troubleshooting: You must be on a valid channel to align the dish. If you cannot obtain a signal, change the elevation slightly 1 degree (up or down) and repeat steps 5-10

Reference materials

www.dishpointer.com (TIP: Choose "Starchoice 107W & 111W as the satellite)

[Shaw Direct Self Installation Manual](#)

[Shaw Direct Self Installation Guides](#)

Shaw Direct uses Satellite A (Anik F1 107.3W longitude) and Satellite B (Anik F2 111.1W longitude.)

If you have an Smart phone you can download the "Dishpointer" App which provides some great tools to help align the dish.