

Photo #8 below shows the rear view of the removed and modified wood TV mounting frame.



PHOTO #8

A 1-1/2" wide by 24" long brass piano hinge is added along the top of the mounting frame that when attached to the top opening in the entertainment center converts this to a vertical opening door. Since this door will be equipped with two lift support gas cylinders that will hold it up in the open position, two down latches (one on each side) have been added at the bottom of the door as shown in Photo #8. The other half of these two latch assemblies can be seen attached to the bottom edges of the entertainment center opening in both Photo #4 and Photo #5 above.



PHOTO #9

Photo #9 above shows the Samsung 20" LCD TV with its metal pedestal mounting base removed. This base must be removed to permit the mounting of the TV to the back side of the door.

To protect this TV from the shock and vibration it will be subjected to in the motorhome travel environment, the TV was mounted to the rear of the door with quantity 6 rubber shock isolators. These isolators are part of two fabricated aluminum mounting bracket assemblies (left side and right side) holding the TV to the door as shown in Photos #11 and #12 below.

Actually the TV is attached to these left and right side aluminum brackets with strips of 1" wide Velcro with industrial strength adhesive fastening one half (the 'loop' part) of the Velcro to the aluminum bracket and the other half (the 'hook' part) of the Velcro to the plastic case sides of the TV itself. No mental hardware of any kind attaches to the TV - only the adhesive side of the Velcro.

The 1" wide strip of adhesive Velcro is shown on the right side surface of the TV in Photo #10 below.



PHOTO #10

General fabrication details for the two required aluminum mounting bracket assemblies are shown in Photos #11, #12, #13 and #14 below.



PHOTO #11



PHOTO #12



PHOTO #13

Photo #13 above shows one of the quantity 6 P/N 3049-02 Rubber Shock mounts used to protect the Samsung LCD TV from road shock and vibration. Both the stud and the insert are size 10-32 threads.



PHOTO #14

Photo #15 below shows the rear view of the Samsung 20" LCD TV mounted to the rear side of the door using the two aluminum mounting bracket assemblies.