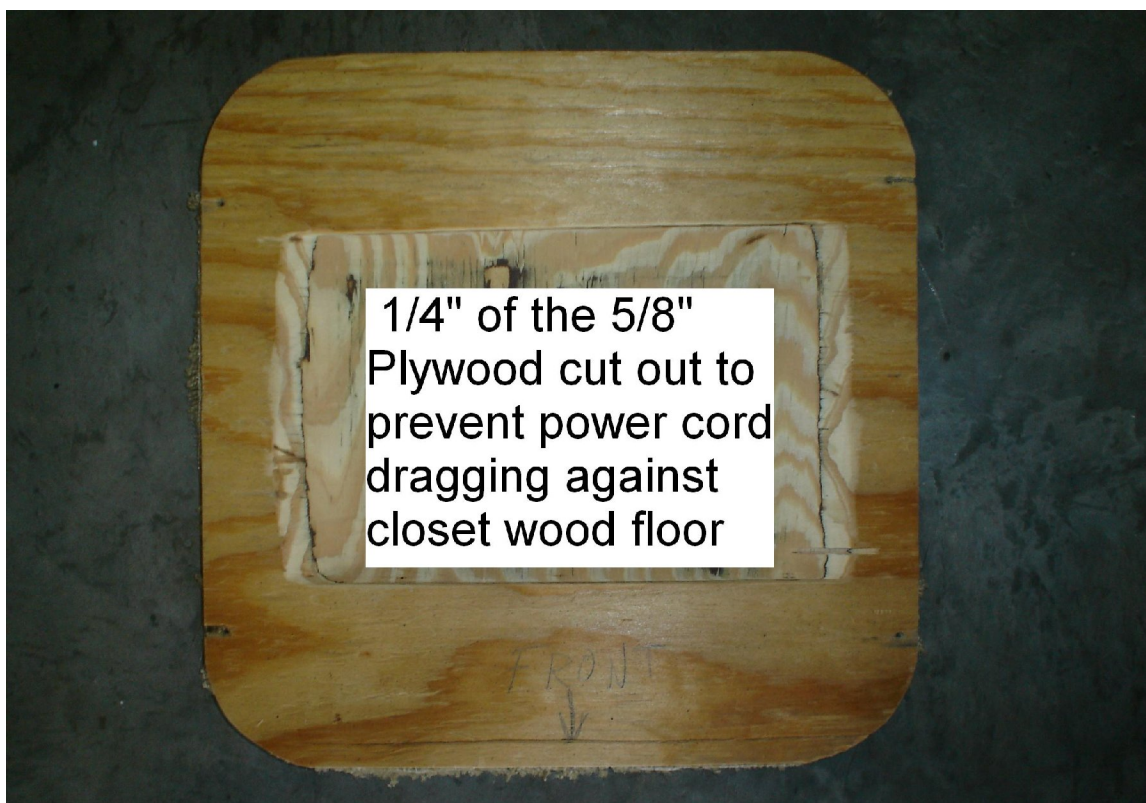




2010 43QGP Allegro Bus

4/5/2012

FIFTY-ONE - POWER CORD REEL ACCESS. The shore power cord reel is enclosed in a small compartment under the rear closet in our Allegro Bus. The cord and its 12 VDC powered electric reel is accessed through a small hinged door located on the drivers side rear corner of the coach. On our coach and many other coaches Tiffin allowed just enough vertical clearance for the reel to operate, however if the cord is not properly positioned as the cord is reeled back onto the reel the cord will rub on the bottom of the closet just above the reel which can stop the re-wind. I decided to modify the current installation rather than make changes to duplicate what Tiffin has done in newer coaches, which is to add a carpeted cover **OVER** the access hole in the closet floor rather than have a recessed carpeted cover.



The above hatch cover is 5/8 inch thick plywood with carpet glued to the top of the plywood. The cover is recessed into the closet floor, when installed the cover disappears into the surrounding carpeted floor.



While working on the power cord reel, I found the outside access door which is plastic would bend or warp over time allowing the door to pop open or just be hard to close and keep closed at times.

I decided to stiffen the access door with a sheet of 1/8 inch aluminum glued to the back of the access door with Gorilla glue. After carefully trimming the aluminum to allow the small cord access door to swing freely I cleaned both the plastic on the door and the aluminum plate. After cleaning the plastic was wet per the glue instructions, the glue was spread over the back of the aluminum plate clamps were installed securing the door and aluminum together for two hours which is longer than the specified curing time for the glue.



Now when the access door is closed it will stay closed and there will be less chance of rain entering the power cord compartment. With the new driver side cap rails and new drip rail with a down spout pouring water down the coach wall directly over the access door this modification was needed now more than before the rails and down spout were added.