



Bus floorplan layout resources?

Post by: wolrah

Hello all,
I am in the early stages of planning an RV build, trying to decide what kinds of configurations would even be practical for what I want to achieve. Most of the other options I'm evaluating more or less come down to "fiberglass or aluminum rectangle on top of a pair of frame rails" and are thus fairly straightforward to plan, but with a bus I have to think about non-flat walls, window placement, unibody structures, chassis infrastructure more complicated than a handful of electrical lines and the wheel wells, etc.

With that in mind I am looking for resources along the lines of what Ford would call a "Body Builders Layout Book" that provides diagrams with all the relevant dimensions and more importantly where you should not do certain kinds of things like drilling due to critical components being nearby. Are any documents like these publicly available for any of the major bus platforms? I'm primarily looking at later Prevost XLs but anything in the 40-45 foot range with a non-DEF four stroke is under consideration. XL2, H3, MCI D-Series, etc.

If the official guides don't exist or are kept closely guarded, are there any good unofficial resources for the same?

Post by: buswarrior

There is a degree of "trial by fire" to this hobby. Get all the manuals for your bus, and tread gingerly to find the big and small wiring. I don't know anyone who successfully pre-planned the floor plan, without the bus being available to measure, check, and find structure directly below where you wanted to put the toilet pipe. The adventure continues.

Post by: robertglines1

Go to prevostcar.com and look up tech manuals electrical, pneumatic etc. If you have a coach the last letter in your serial number= year the last 4 digits= unit number. Wiring in the Prevost bus are tattooed every few inches and color coded. The air lines are color coded to use only. i.e. blue=suspension. Best of luck!!

Post by: Jim Blackwood

Yes, in the end it does all revolve around where you want to put the toilet pipe. There is, seriously and all kidding aside, no more important decision you can make in planning a conversion. With some coaches there are only a couple of choices that make any kind of sense. I can say the D series is one of those because I have one.

Post by: chessie4905

Go to all the Prevost for sale ads. Look at the interior pictures. You'll start seeing commonality after viewing a hundred or more.

Post by: dtcerrato

Or you can do it a Neanderthal way - we moved into our shell of a bus & started with masking tape & belongings in boxes as time went on after a couple rolls of masking tape (beats demolition of a changed idea!) and much rough times we ended up with exactly what we wanted and still lovin' it in our 42nd year of ownership. That's our story & we're stickin' to it!

Post by: lvmci7070

Hi wolrah, if you can't find parts and service books for whatever bus you choose, this is a similar resource here. <https://www.busconversion-magazine.com/manuals/>

Post by: Tedsoldbus

My understanding is you have not yet picked or found the vehicle? Good suggestion above is look at all of them you can. Doing slides? No slides? Big difference on what you can do. We almost gutted an Allegro bus and re did interior to our liking. Just got a 1980 Shorty (35 foot) Prevost and jerked half the furniture out and redoing all the valences and shades right now. Allegro had slides, mini me Prevost has no slides and only 96 wide. Not much floorplan changing going on there, but we still love it.

