

Van Plan

Sunday, October 18, 2015 3:07 PM

PHASE 1: TO DO LIST

- ✓ Remove headliner
 - ✓ Determine wire runs to driver's seat, confirm battery connection.
Can we sneak a temporary battery connection in under the driver's seat without removing it??
 - ✓ Install switch for backup camera, wire to ACC power
 - ✓ Test switch you have
 - ✓ Install switch in either dash (have to take apart dash) or in CB radio cover
 - ✓ Install back-up camera controller in CB radio pouch
 - ✓ Cut hole in roof
 - ✓ Install fan in roof
NEED: 1" bolts, lock nuts through fan mounting flanges
 - ✓ Thinsulate front headliner area
 - ✓ Reflectrix front headliner area
 - ✓ Thinsulate rear headliner area
 - ✓ Reflectrix rear headliner area
 - ✓ Install backup camera in tail light
 - ✓ Run backup camera cabling to front headliner area
 - ✓ Run wiring for fan from roof hole to drivers-side b-pillar down to driver's seat
 - ✓ Run wiring for lights on ceiling to 6 locations as well as wiring for switches near bed area, driver's side.
 - ✓ Install heater controller in CB radio pouch cover
 - ✓ Run wire down passenger side b-pillar to under passenger seat
 - ✓ Cut holes in headliner for lights
 - ✓ String power for lights through holes during reinstallation
 - ✓ Remove Interior Panels
 - ✓ Install rattle trap on walls
 - ✓ Install insulation in walls
 - i. Thinsulate
 - ii. Reflectrix
- ✓ /Reinstall headliner
- ✓ Install fuse block
 - ✓ Connect wiring to fuse block
 - ✓ Fan
 - ✓ Heater
 - ✓ Lights
- ✓ Remove passenger seat
 - ✓ Drill holes for heater
 - ✓ Install heater
 - ✓ Wire heater
 - ✓ Connect controller
 - ✓ Route exhaust under van
 - ✓ Connect fuel line to auxiliary fuel port
- ✓ /Reinstall passenger seat
- ✓ Install LED lights in headliner
 - ✓ Wire lights to power and switches (wiring in ceiling should already be run)
- ✓ Run wiring for USB plug to bed area, driver's side
- ✓ Reflectrix rear side panels
- ✓ Sound deaden and insulate front doors
 - ✓ Install new speakers
- ✓ Sound deaden and insulate back doors

Phase 1 Continued...

- ✓ Fabricate upper rear walls
 - ✓ Make cardboard templates of upper walls
 - ✓ Trace template and cut plywood to match
 - ✓ Install USB plug into rear walls
 - ✓ Install using self tapping sheet metal screws (consider replacing with rivnuts at some point...)
- ✓ Fabricate bed platform
 - ✓ Measure bed platform 2x10 side rails
 - ✓ Place rivnuts at appropriate locations along van frame to match platform side rails
 - ✓ Install 2x10 side rails
 - ✓ Cut and fabricate plywood and 2x4 panels
 - ✓ Install
- ✓ Install Subwoofer

PHASE 1 PUCHLIST

- ✓ Install flange on heater outlet
- ✓ Install silencer on heater exhaust
- ✓ Remove front floor board area, sound deaden, and insulate
- ✓ Install battery monitor
- ✓ Window coverings
 - Construct from reflectix and magnets
- ✓ Fix bed panels for removal
- ✓ Install handle on outer panel for access
- ✓ Fix passenger side window controls

PHASE 2 TO-DO LIST

Crossing over into phase 2 territory!

- ✓ Install refrigerator cooler (cig lighter 12v outlet - in rear panel)
- ✓ Install second USB plug
- ✓ Research Solar - settle on a system
- ✓ Install Solar Panels
 - Remove driver and passenger seats
 - Remove front floor liner
 - Install wiring between driver and passenger seats
 - Install solar charge controller in electronics box
 - Install solar panels on roof
 - Order inserts for factory rails
 - Order aluminum angle
 - Custom mount panels to aluminum angle
 - Install water tight wire socket pass through roof
 - Install second battery in Passenger seat
 - Wire battery to main terminals (4-gauge)
 - Update wiring for fuse box with 2/4-gauge
 - Wire everything together
 - Reinstall floor liner and seats
- ✓ ~~Build bump outs into bed platform walls~~

Phase 3 TO-DO LIST

- ✓ Pull floor and insulate.
 - ~~Paint back seat holes with rust inhibitor while you are in there.~~
 - ✓ ~~Buy rubberized carpet pad and outdoor carpet for front part of van~~ → wifey would rather have wood/composite flooring
 - ✓ Increase sound deadening on wheel wells
 - ✓ ~~Install thicker plywood (3/4" min) in the back, for mounting drawers/bike sliders~~
 - ✓ Install wood flooring
- ✓ Remove bed platform
 - ✓ ~~Fire braze and stain bed rails~~
 - ✓ ~~Cut punchouts in walls~~
 - ✓ ~~Cut outer punchouts~~
 - ✓ ~~Fasten with 1x2's~~
 - ✓ ~~Fire braze and stain all wall components~~
 - ✓ Reinstall walls and bed platform
 - ✓ Cut, stain, install trim pieces
- ✓ Build wheel well boxes
 - Install speakers in boxes
 - Wire up system
 - Install
- ✓ Build Kitchen area
- ✓ Remove stereo system
 - ✓ ~~Splice in steering wheel controls~~
 - ✓ Add rear speakers
 - Remove headliner
 - Cut new holes
 - ✓ Install speakers
 - ✓ Run speaker cable
 - Replace headliner
 - ✓ Wire amps to main electrical
- ✓ Replace plastic wall panels with wood
 - ✓ Cut new panels from plastic templates
 - ✓ Stain wood
 - ✓ Install

Phase 3 Punch List

- ✓ Pockets for back doors
- ✓ Build Van Kitchen
 - install water jug hold down
 - paint kitchen
 - add milk crate and 12v splitter
- ✓ Shorten bed platform by 2" to make getting the back seat in easier
- Install 3rd solar panel
- Install edge banding
- Install better kitchen sink/gray water system
- Plumb up sink, freshwater and gray water.

Things to consider for the future:

- Side opening window
- Side ladder
- Trim that actually looks good.
- Additional subwoofer, better front speakers or put tweeters in dashboard
- Sink and gray water for kitchen setup
- Consider how to use sugru for making custom fittings for the drain and feed systems?