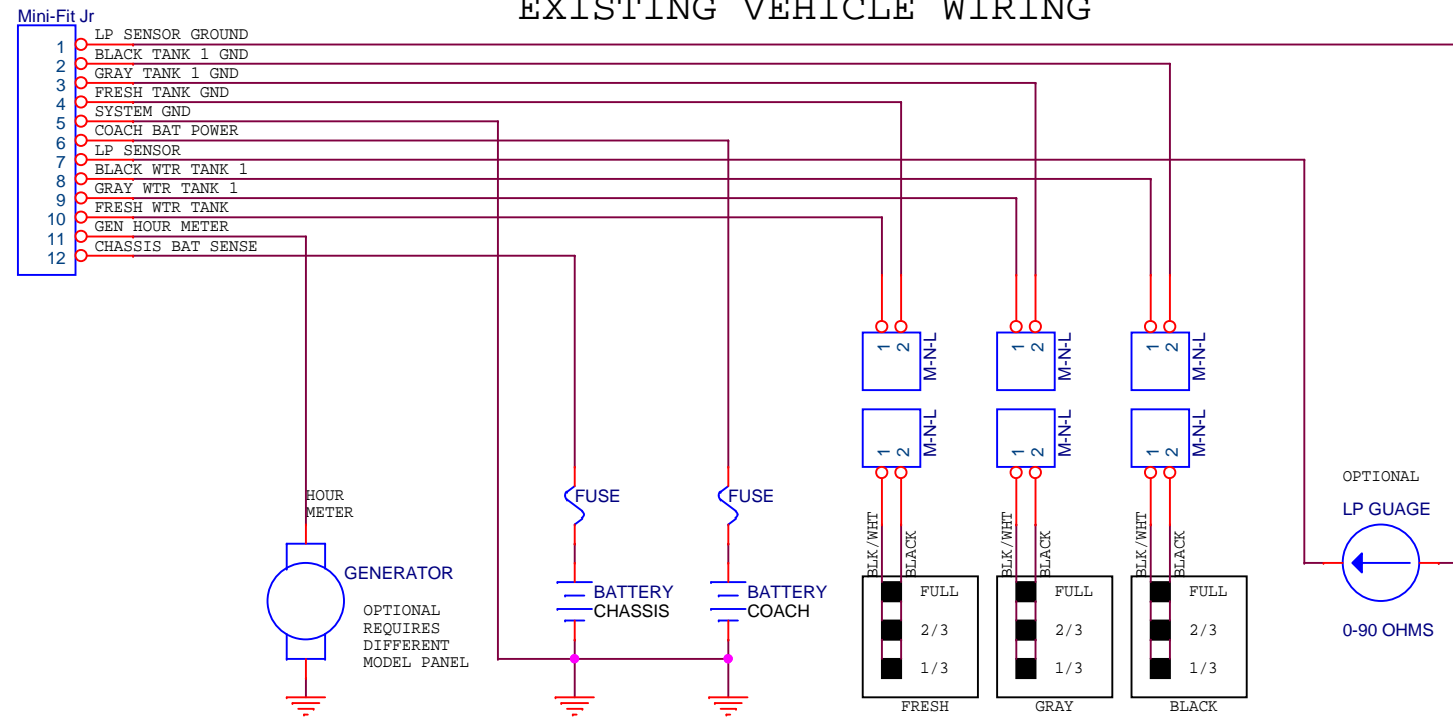


EXISTING VEHICLE WIRING



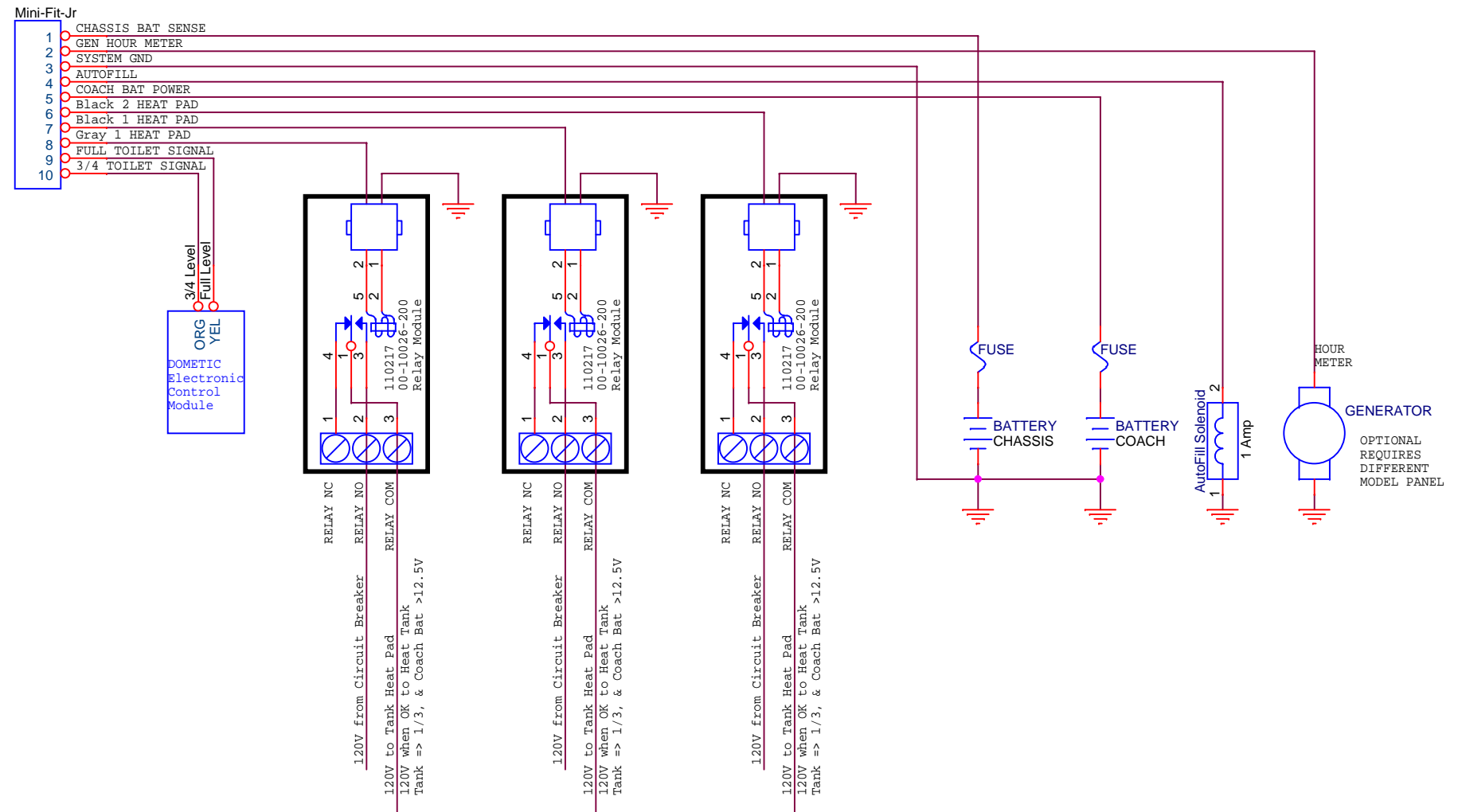
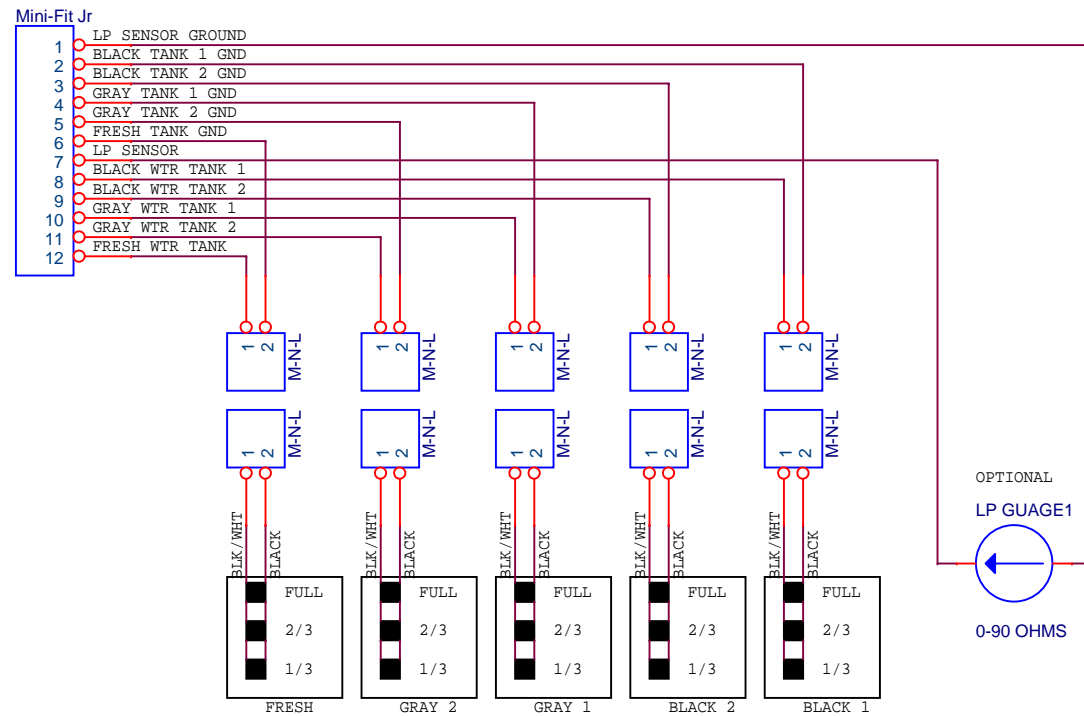
Autofill Function
 On Power-Up Function is disabled.
 By pressing the Button and scrolling through the different functions a new display screen will appear:
 "Fresh Water Autofill"
 " Off "
 "Press & Hold Button"
 "To Exit Function"
 The second line above is the only one that will change with 4 optional function states
 " Ready " or
 " Filling " or
 "Max Time Error" or
 "Low Coach Bat"
 While on the screen, each time User presses the button, the screen toggles between Ready and Off states. If User presses and holds the button, exit the screen and go to the next function.
 While in Ready state if Fresh Water falls below 2/3 (or 1/3 in 1/3 mode)
 Turn on Fill Valve Relay, Display Filling
 Wait max of 15 minutes, then Turn off Fill Valve Relay & display Max Time Error
 User Press button takes back to Ready state
 While Filling, Wait for Full 3/3 in 1/3 mode (4/4 in 1/3 mode), then continue filling for another 20 seconds.
 Then Turn off Fill Valve Relay & Go back to Ready State

Coach Battery Levels (Autofill should be performed while water hose is attached and Battery is being charged)
 If Battery ever falls below 11.0V then Turn off Valve (if On) and display Low Coach Bat. Pressing the button takes you to Off state.
 While in Ready state, if water level falls below 2/3, check that battery is >11.5 volts before turning on Valve. If not >11.5volts then Display Low Coach Battery.

Tank Heat Pads
 3 Outputs, 1 output for each of the holding tank heat pads (Gray 1, Gray 2 & Black) that are enabled when the first sensor on the tank is activated.
 To ensure Coach has 120V, On at 13V, off at 12.5
 (Note: no heat pad control for Fresh or Black 2 Tanks)

Domestic Toilet Black Tank - Warning Level
 3/4 Level Output - (2/3 or 1/3 depending on sensor count)
 No new screen
 Black1 Tank Inputs will Control 1/3 Toilet and Full Toilet outputs
 Digital Monitor will have to now automatically check Black Tank 1 Level every 1 minute
 If Black1 Tank is 2/3 (or 1/3 in 1/3 mode) activate 1/3 Toilet Output, this will display 1/3 Full LED on Domestic Toilet
 If Black1 Tank is Full 3/3 in 1/3 mode (4/4 in 1/3 mode), activate Full Toilet Output
 If Coach Bat <10V then stop checking Black Level and leave Outputs at present State
 If Coach Bat >10.5 then OK to resume checking Black Level

PROPOSED VEHICLE WIRING



REV	ECN	DATE	DESCRIPTION
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Title		Document Number	Size
WIRING DIAGRAM DIGITAL TANK MONITOR PANEL w/ Autofill		73-10048-999	B
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