



MYRV<sup>®</sup> TANK MONITOR  
**MANUAL**

L I P P E R T  
C O M P O N E N T S<sup>®</sup>

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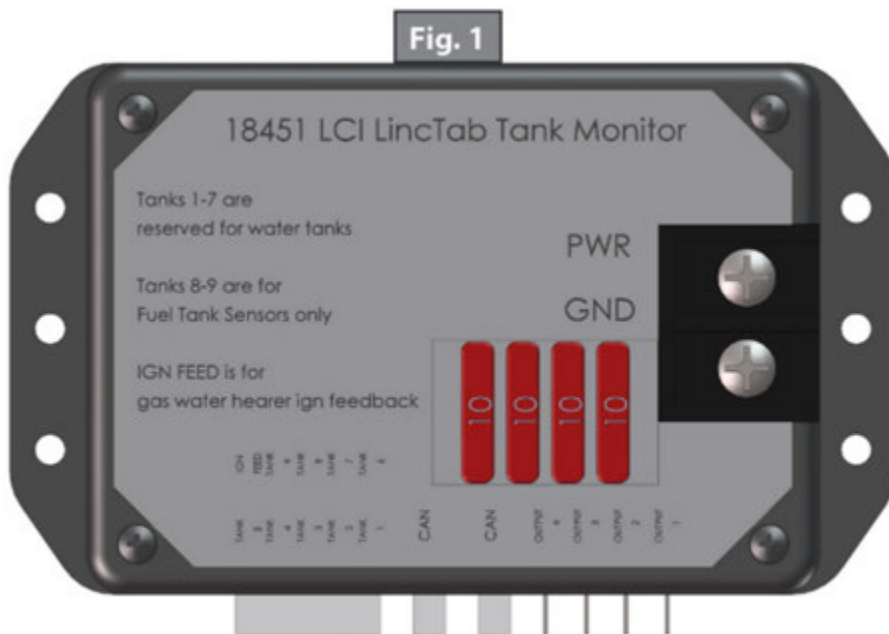
## MyRV® Information

The MyRV® Tank Monitor can be used to monitor up to 9 tanks — 7 water tanks and 2 fuel tanks. The tank monitor also has 4 latching relays that can be used to operate other devices, such as an electric water heater, gas water heater, water pump, or water tank heater.

## MyRV® Tank Monitor Installation

1. Mount tank monitor controller (Fig. 1) by securing to a solid surface with #8 x 1" wood screws or equivalent.

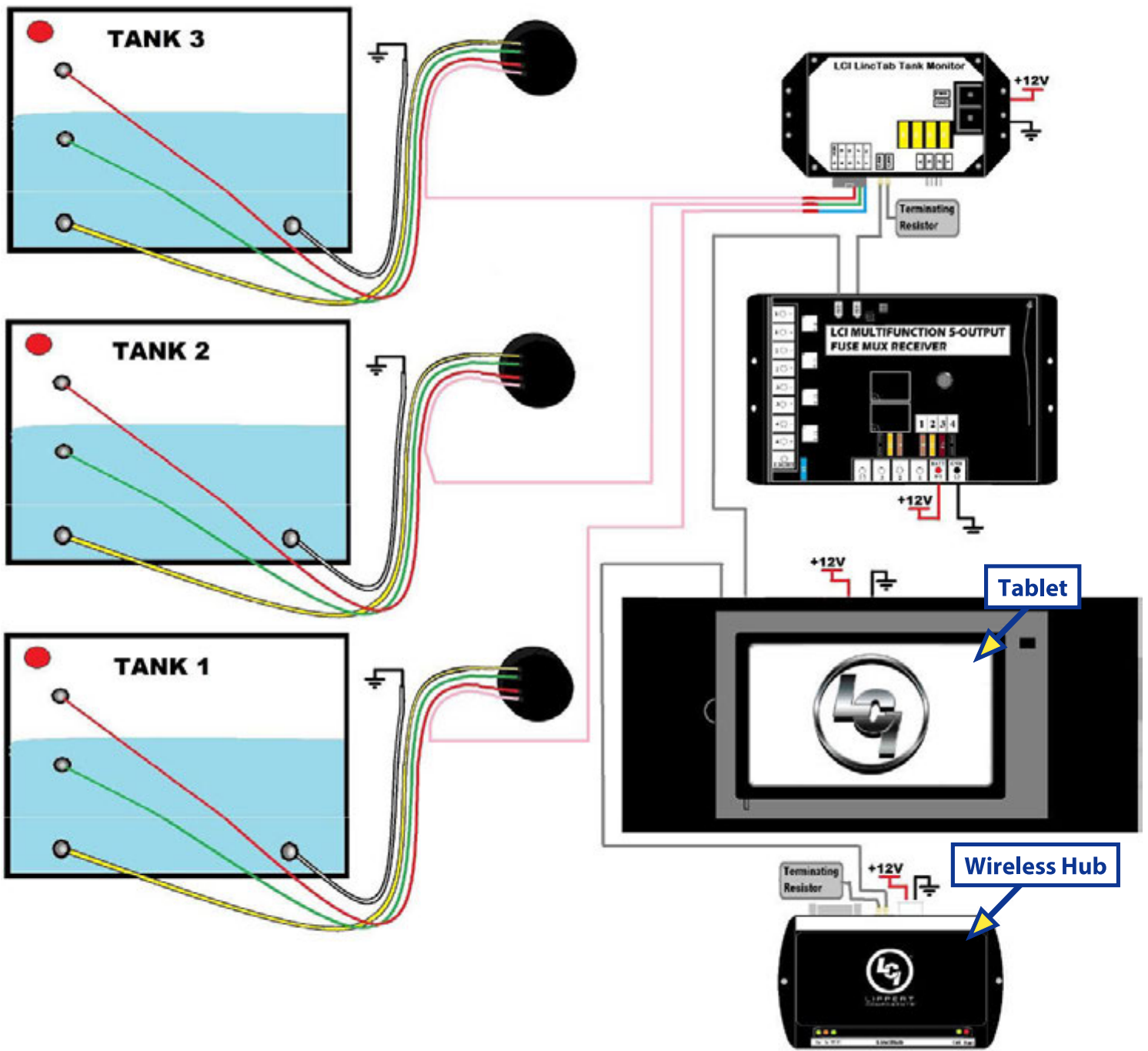
**NOTE:** An ideal location can be chosen by the OEM.



2. Connect to DC 12 V power and ground.
3. Connect CANBUS Data wires (in proper sequence with MyRV® system components).
4. Connect tank wire harness.
5. Connect the first tank's sensor resistor pack signal wire to proper (tank) input on harness (Fig. 2).
6. Repeat steps for each tank.

# Wiring Diagram

Fig. 2



## Harness

**NOTE:** Tanks 1-7 are reserved for water tanks sensors. Tanks 8-9 are for fuel tank sensors only. Ignition FEED is for gas water heater ignition feedback (Fig. 3) and (Fig. 4).

**NOTE:** All harness wires are 18 g. minimum.

Fig. 3

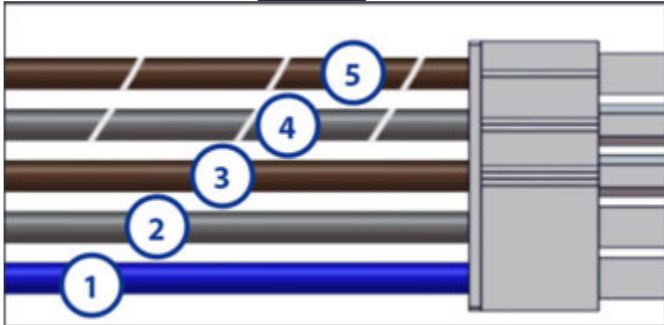
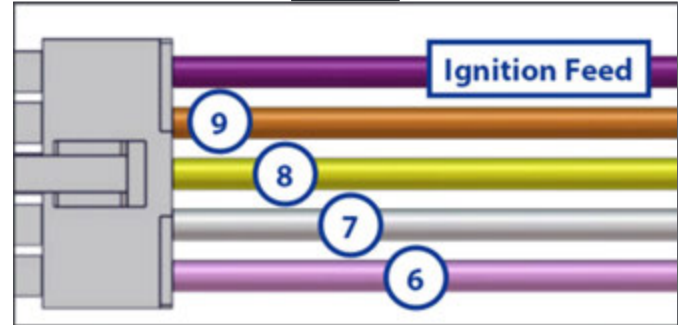


Fig. 4



## Resistor Pack

- White – Ground(-) connect to EMPTY (E) sensor
- Yellow – connect to LOW level ( $\frac{1}{3}$ ) sensor
- Green – connect to MID level ( $\frac{2}{3}$ ) sensor
- Red – connect to FULL level (F) sensor
- Pink – signal wire connects to "Tank" wire from monitor harness. This wire is connected to the proper input wire on the panel harness.

**NOTE:** The sensors are connected to the yellow, green, and red wires on the sensor resistor pack (Fig. 5). The tank sensor resistor pack connects to the tank sensor with an eyelet being screwed down onto the sensor.

Fig. 5



## MyRV Control Panel

1. The control panel will operate various devices connected to the MyRV® system.
2. Locate "MyRV® Control Panel" (Fig. 6).
3. Pressing the "MyRV® Control Panel" (Fig. 6A) will open "MyRV® Applications".
4. Pressing the "Tank Monitor" icon (Fig. 7A) will allow you to access the tank monitor screen (Fig. 8).

**NOTE:** The indicator panel light will be depicted by the use of the tank; a gray line for the gray tank, a blue line for the blue tank, etc.

**NOTE:** Only the tanks used and configured will be displayed on the screen.

**NOTE:** Battery voltage is also displayed on the monitor panel screen (Fig. 8A).

Fig. 6

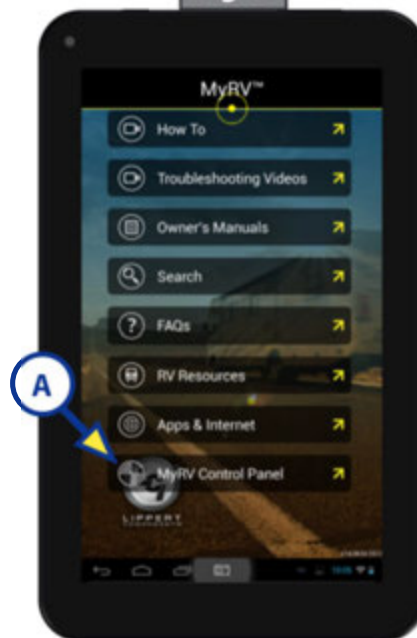


Fig. 7

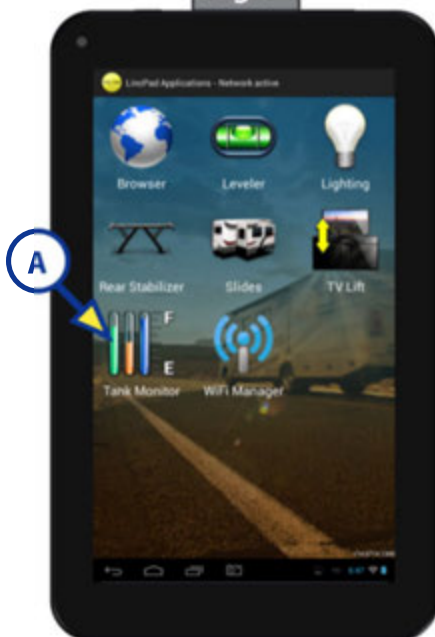


Fig. 8





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Over the years of running a mobile RV repair service, having a dedicated place to access service manuals for all the different appliances and components found on RVs was something that I always had a desire to create.

I hope this resource makes your RV repairs easier, as it has mine, but please be careful and follow proper safety practices when attempting to repair your own RV.

If in doubt, please consult with a professional RV technician!



DARREN KOEPP - OWNER, MY RV WORKS, INC.

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