



MyRV[®]
PROGRAMMING MANUAL

L I P P E R T
C O M P O N E N T S TM

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Safety and System Information

System Information

The MyRV tablet is an Android-based device that uses the MyRV application to bring system controls and monitoring software to a touchscreen tablet. The MyRV tablet can access the internet (if available), basic how-to RV videos, product videos, owner's manuals and many more RV owner's resources. The systems controlled and monitored by MyRV include slide-outs, leveling systems, awnings, lighting, temperature, water tanks, tire pressure, battery levels and many more.

The MyRV Control Panel is accessed within the MyRV application on the tablet. When powering on or waking the tablet, the MyRV application will run automatically as it is pre-configured to do so. In order for the MyRV application to present the operator with the MyRV Control Panel, there **MUST** be power to the coach. This will power the various MyRV controllers located throughout the unit. This will also power the wireless hub and enable connectivity with the tablet, ultimately allowing wireless connectivity. Please note that with power to the coach, the tablet should always be able to gain access to the MyRV Control Panel when placed in the docking station due to it being a wired connection. Use this to assist when diagnosing concerns with the system.

NOTE: After powering up the RV, it may take several minutes (2-5) for the MyRV tablet and MyRV Hub to fully energize and communicate. Please allow this time for the system to establish communications to ensure swift application operations.

Programming

Connecting The MyRV Tablet To The MyRV Wireless Network

NOTE: Tablet **MUST** be connected to MyRV Wifi Hub to complete the programming process. Placing the hub in a high location away from appliances such as microwaves and refrigerators will minimize interference.

1. On the MyRV home page, select "Apps & Internet."
2. On the "Apps and Internet Browser," select the "WiFi Manager."
3. Locate the MyRV Hub (Fig. 1) or Range Extender (Fig. 2) and the label which contains the SSID and password to the MyRV system.
4. Match the SSID on the MyRV Hub or Range Extender (Figs. 1A and 2A) to the corresponding SSID in the "Wifi Manager."
5. Select the SSID and enter the password located on the MyRV Hub or Range Extender (Figs. 1B and 2B) then press "Connect."

NOTE: In order to charge the tablet out of the dock, a 5 volt, 1.8 amp micro USB charger or barrel charging connector is needed.

Fig. 1



Docking Station

The MyRV system includes a tablet docking station. This is typically mounted near the center of the coach, and houses the tablet when the wireless operation is unnecessary or during travel. The docking station is wired to the coach power system and will charge the tablet during its storage period. The docking station is also wired for communication with the various controllers in the coach. This allows the tablet to function when stored in the dock and becomes non-reliant on the wireless hub to do so.

Wireless Hub and Range Extender

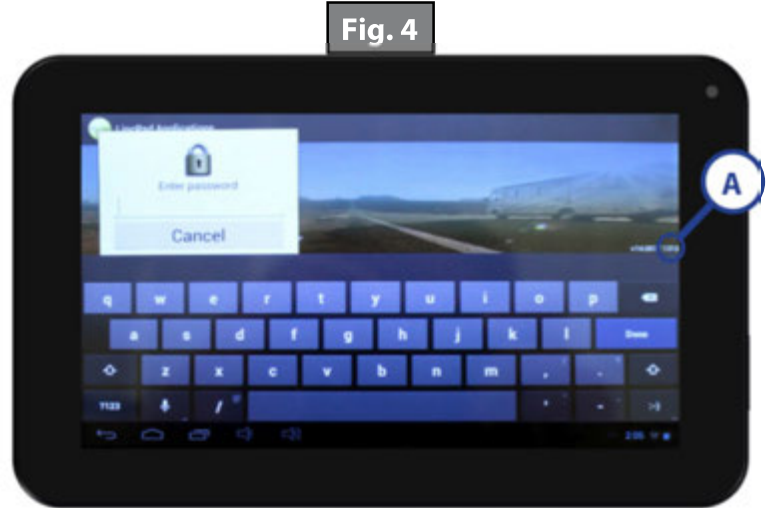
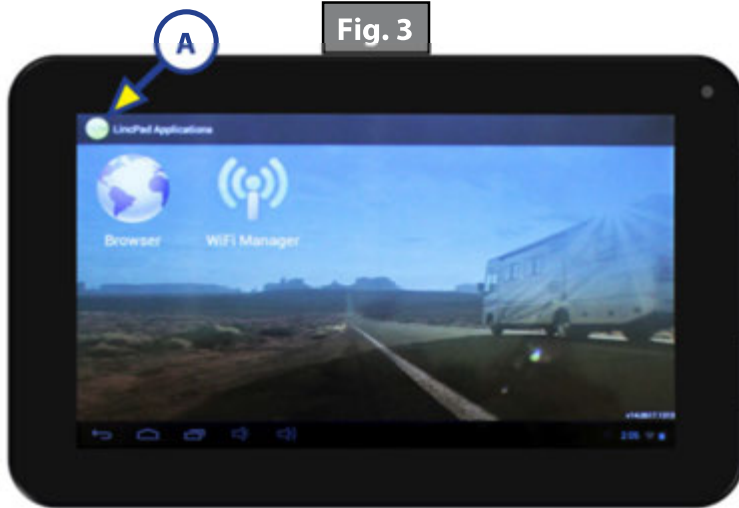
The MyRV system is equipped with a wireless hub and range extender. When powered, the hub and range extender provide the perimeter of the coach with wireless connectivity. This allows the tablet to effectively send commands wirelessly to the MyRV system. The hub's and range extender's only purpose is to provide wireless connectivity. The hub and range extender do not keep configuration data, so when troubleshooting wireless connection concerns, ensure the tablet can operate the MyRV Control Panel when housed in the docking station. Again, as long as there is power to the coach, the MyRV system should operate from the dock.

Fig. 2



MyRV Functions

1. Press the yellow LincPad Applications icon 5 times (Fig. 3A).
2. A pop-up window will prompt the user to enter password (Fig. 4). The password is the last 4 digits of the version located in the bottom right hand of the tablet desktop (Fig. 4A).
3. After a password is entered, the Configurator Icon will appear (Fig. 5A). Press the Configurator Icon.
4. To view all components available, press "Show All Devices" (Fig. 6). (A sub list will appear with options: By product/controller, By functions, By type, Show all devices.)



5. Select the relay (latching or reversing polarity) switch or tank sensor to assign a title (Fig. 7).
6. When window pops up select "Rename" (Fig. 8).
7. Select "Group".
8. Select "Name".
9. Press "Send" to set group and name selected (Fig. 9).
10. Repeat process for each function.

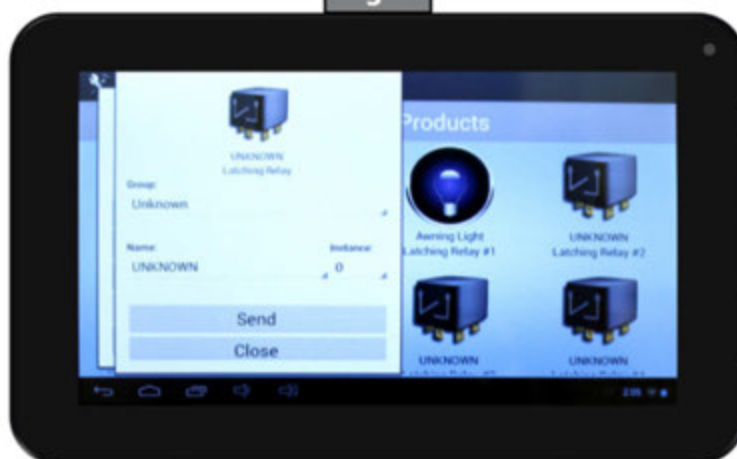
Fig. 7



Fig. 8



Fig. 9



Circuit Building For MyRV Smart Switch

1. Press "Build Circuit" (Fig. 10).

Fig. 10



2. Select first device by pressing the preferred icon. Then press Select when the pop-up window shows up on the screen (Fig. 11). Device title will highlight in yellow (Fig. 12).
3. Repeat process for each device included in the circuit.
4. Once you have selected (highlighted) all devices for the circuit, press one of the highlighted device icons. Press “Create Circuit” in pop-up window (Fig. 13). The next screen will show all devices included in the circuit and assign a circuit number (Fig. 14).

Fig. 11

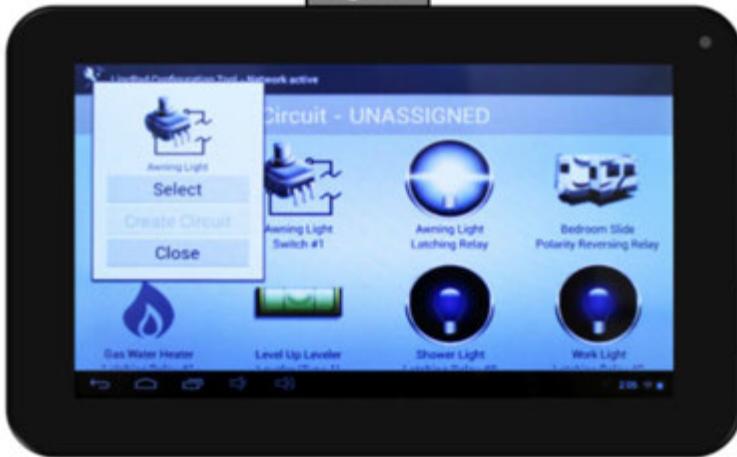


Fig. 12

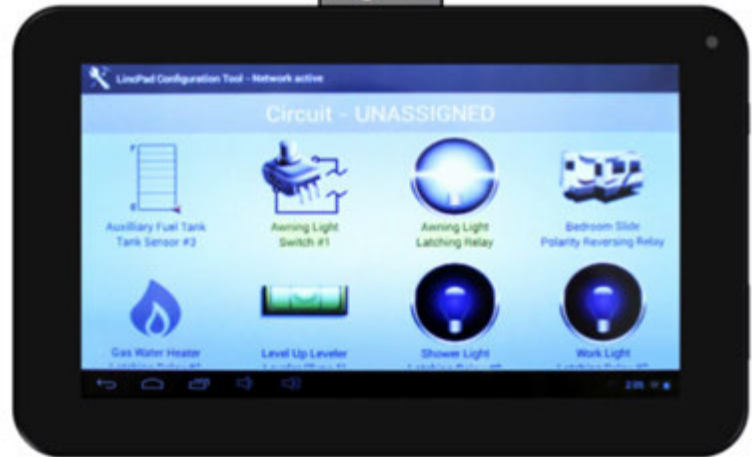


Fig. 13

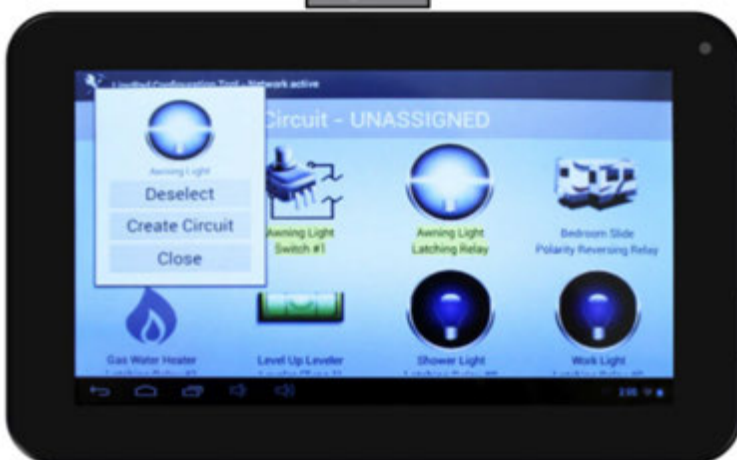
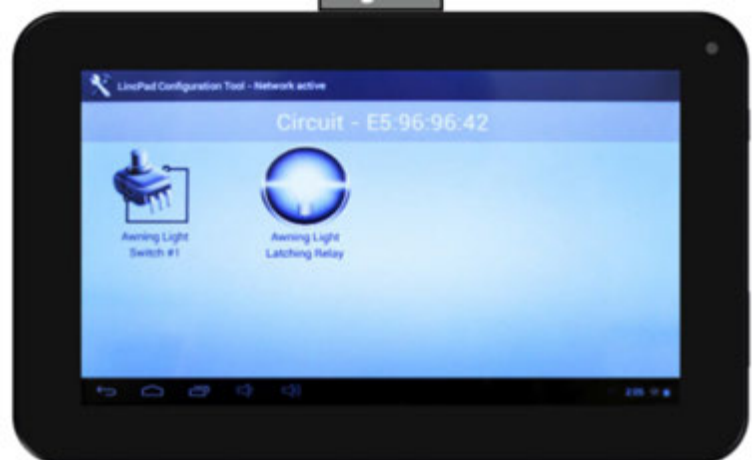
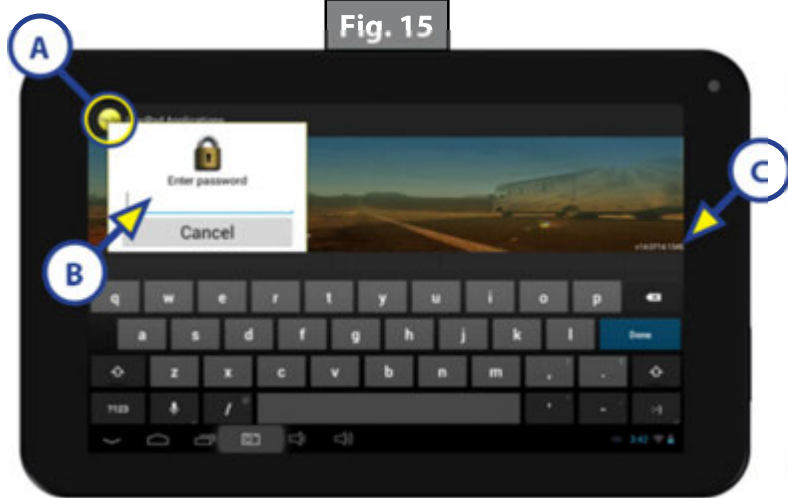


Fig. 14

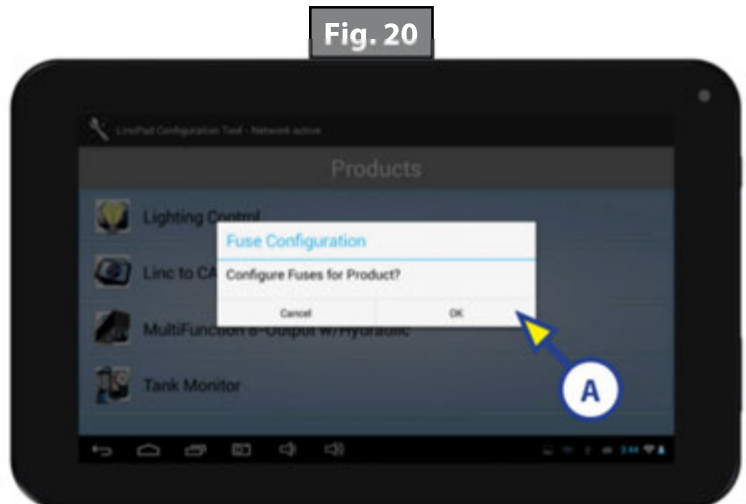
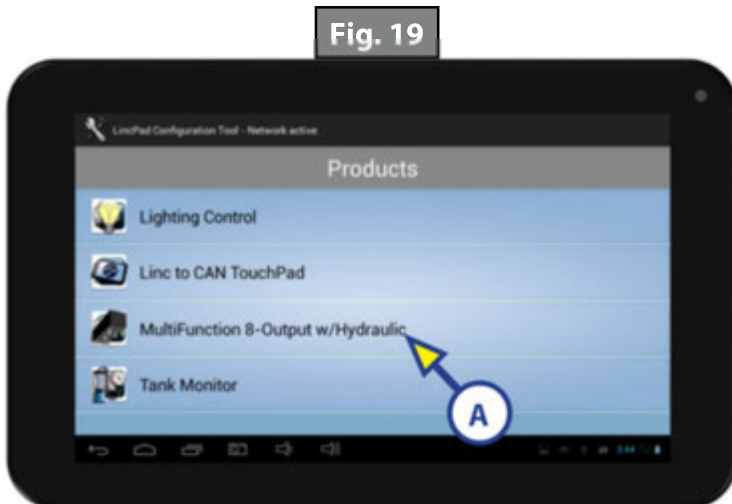
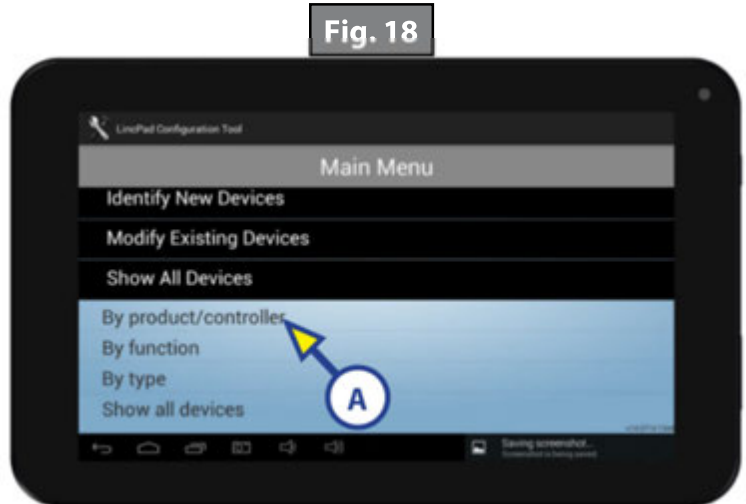
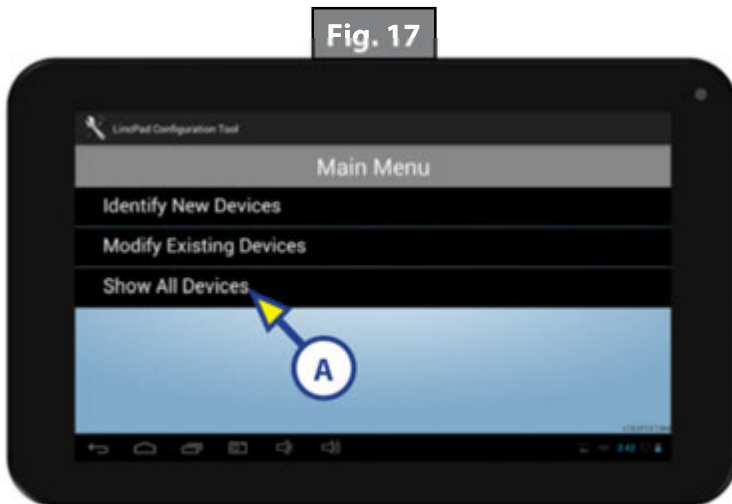


Multifunction Fuse Programming

1. Enter the MyRV configurator screen by tapping the yellow LincPad Applications icon five (5) times (Fig. 15A). You will then be prompted to enter a four-digit password (Fig. 15B). The password is the last four digits of the version number (Fig. 15C).
2. Choose the "Configurator" option (Fig. 16A).



3. Choose the "Show All Devices" option (Fig. 17A).
4. Choose the "By Product/Controller" option (Fig. 18A). This will display all of the products and controllers connected to the Linc system.
5. Press and HOLD the "Multifunction 8-Output" option (Fig. 19A). You will then be prompted to configure the fuses. Choose "OK" (Fig. 20A) to enter fuse configuration.

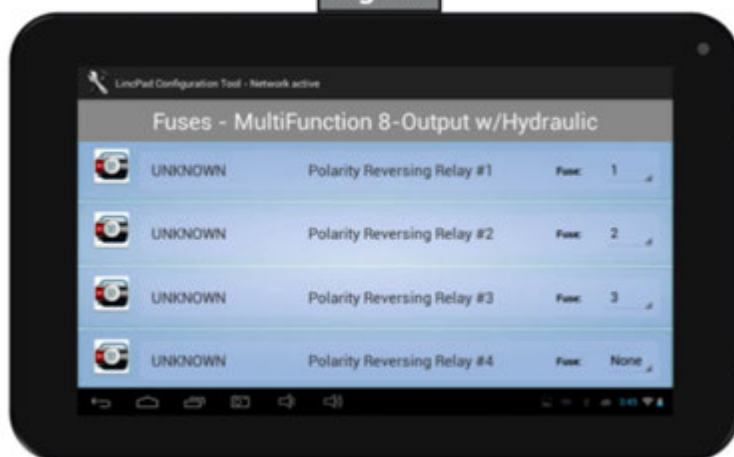


6. When in the fuse configuration menu, a list of all labeled and unlabeled relay functions will appear (Fig. 21). Select the fuse location from the drop down menu on the right (Fig. 21A and Fig. 22).

Fig. 21



Fig. 22



7. Once all fuse locations are chosen, press and HOLD anywhere on the screen for a pop up menu confirming the fuse locations. Press and hold the sync button on the multifunction receiver (Fig 23A). While holding the sync button, press "OK" on the "Send All" prompt (Fig. 24A). This will program all fuse positions.

Fig. 23

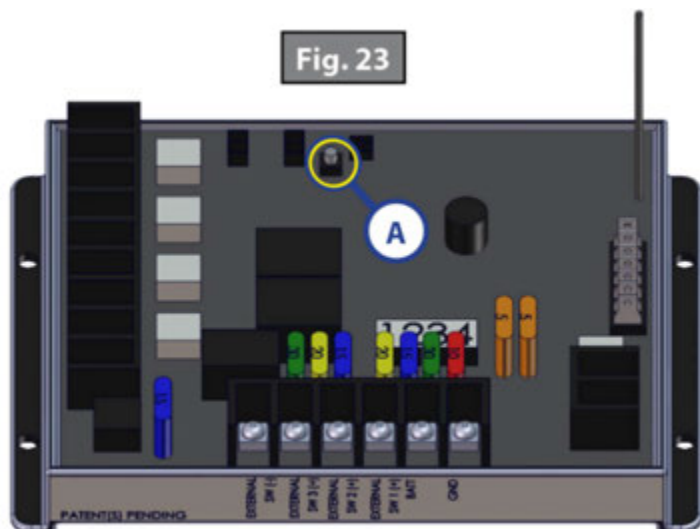
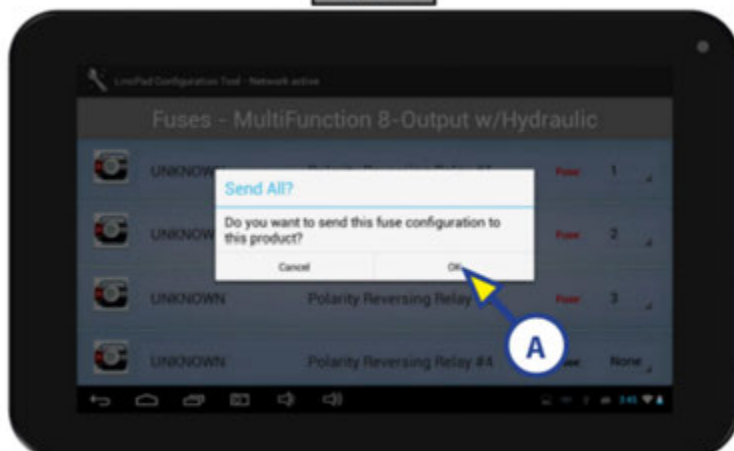


Fig. 24



Operation

Power On/Off

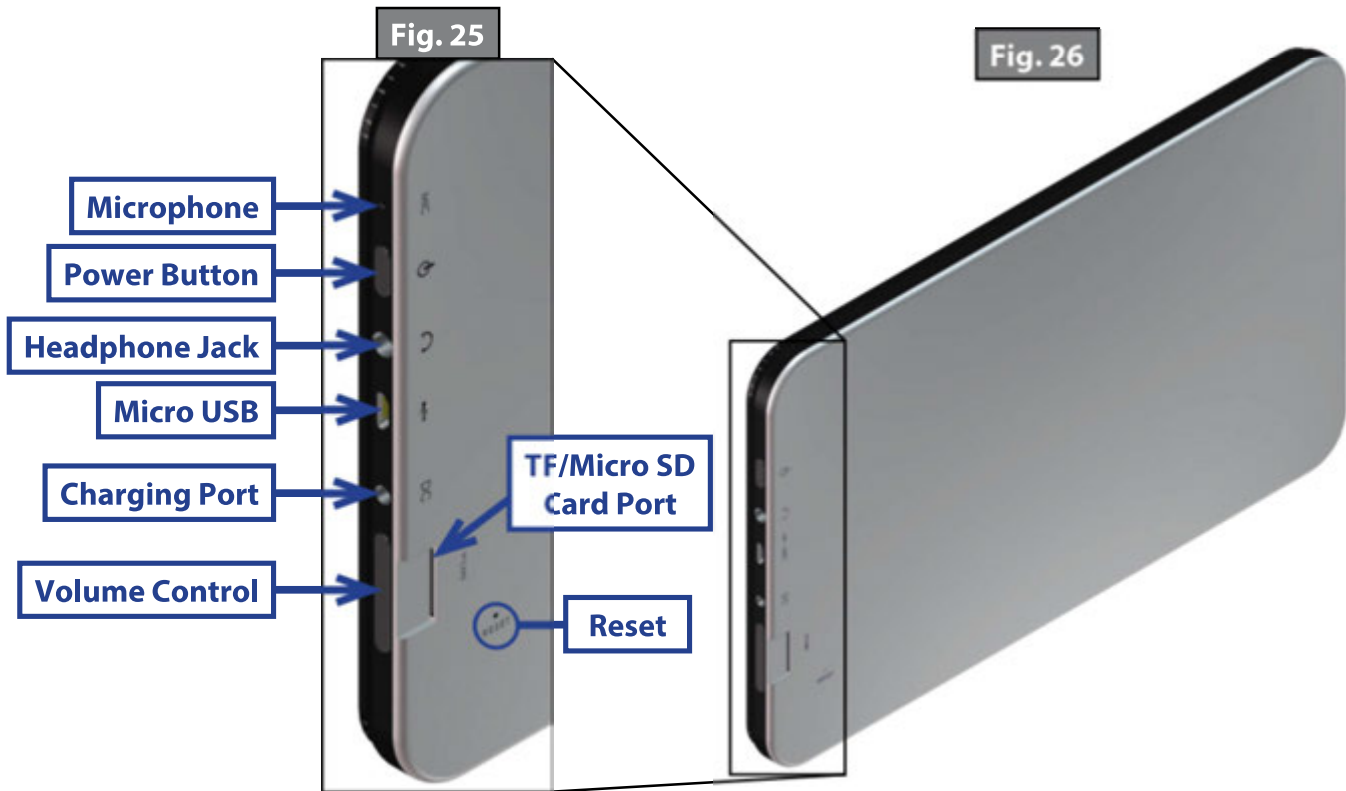
1. To power ON the tablet, hold and release the power button for 2-3 seconds (Fig. 25).

NOTE: It will take a few moments to start up and load the system.

2. To enter or exit sleep mode, press and release power button.
3. To power OFF the tablet, press and hold the power button until a utility screen appears.
4. Select "Power off".
5. Press "OK" when confirmation box displays: "Your tablet will shut down." (Fig. 27).

Volume Button

1. Volume control is located on the side of the tablet (Fig. 25). There is also a volume icon on the menu screen.



MyRV

1. Locate the “MyRV Control Panel” on the menu screen (Fig. 28A).
2. Pushing the “MyRV Control Panel” tab will open the “MyRV Applications” screen. This screen will display all the icons of the devices on the RV that can be operated with the MyRV Tablet.
3. Push the icon of the device you wish to operate.
4. Push the “Home” icon button, located in top right of screen, to return to “MyRV application” screen.

NOTE: MyRV includes text and video resources, including owner’s manuals and troubleshooting videos.

Fig. 28



MYRV® ASSEMBLY

ELECTRONICS

Tablet Mounting Assembly



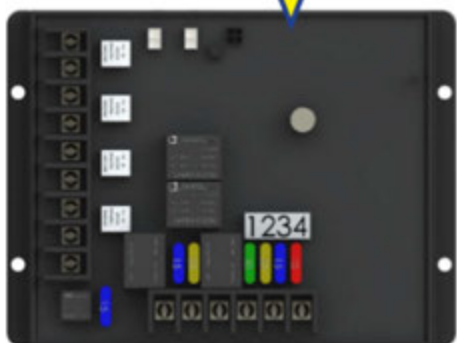
Digital Switch



Wifi/ Bluetooth Access Point



Multi Function
Receiver with
Selectable Fuses



Lighting Controls



Canbus Data Harness



Canbus
Power
Connector

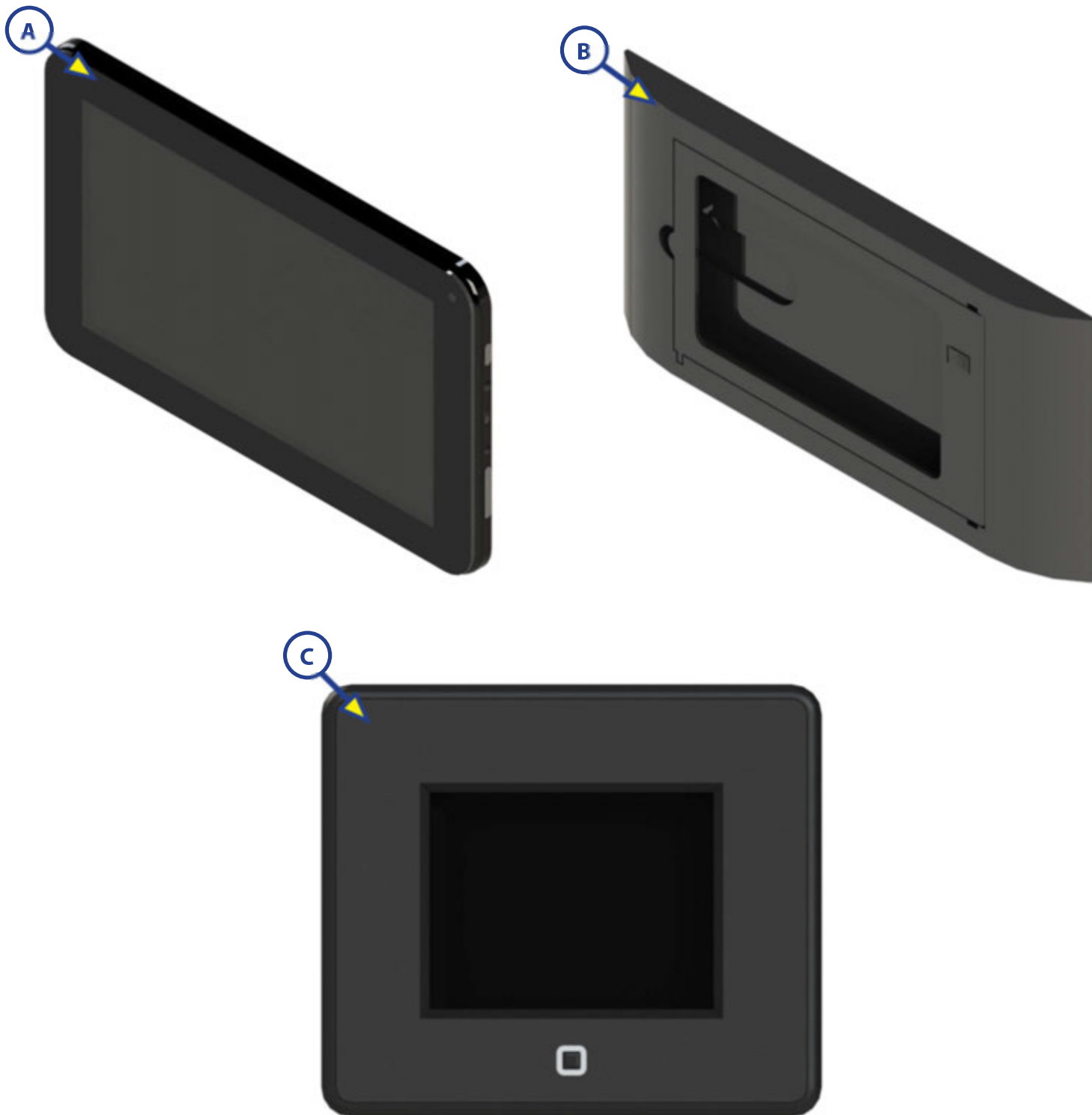


Canbus Terminating Resistor



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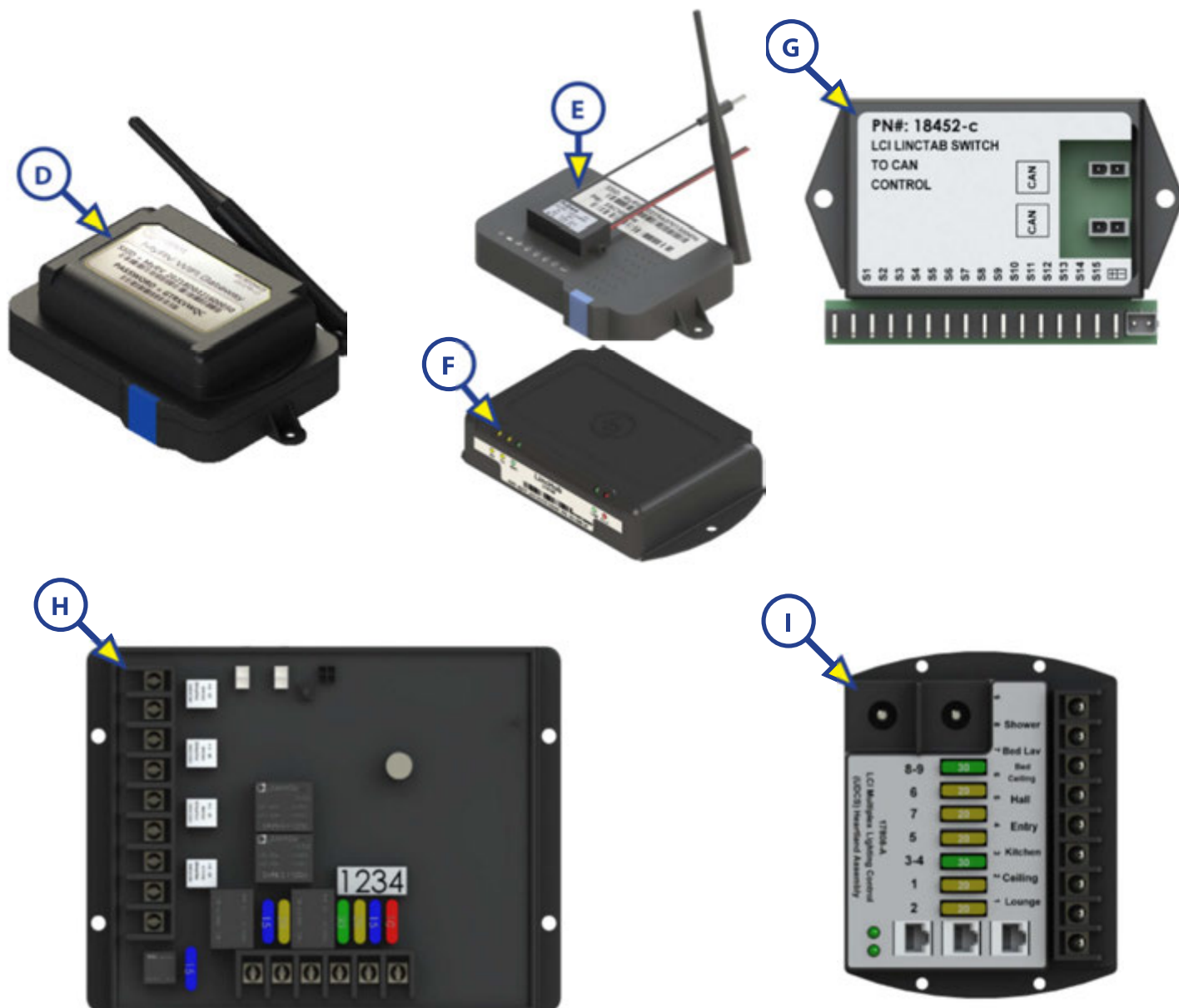
ELECTRONICS



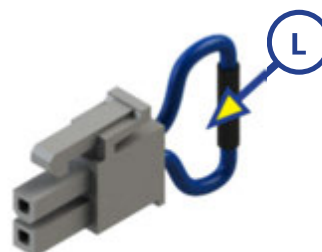
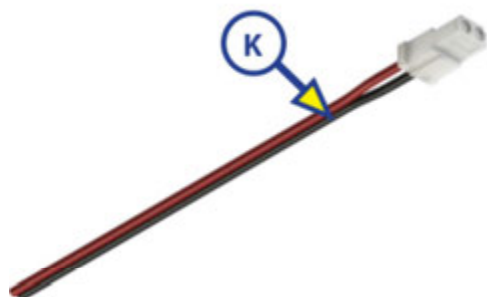
Callout	Part #	Description
A	318708	MyRV - 7" Tablet
B	318750	MyRV Wall Mount Docking Station
C	345081	Digital Switch, Touch Screen MyRV Wall Mount Switch

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Callout	Part #	Description
D	365207	My RV Bluetooth/ Wifi Kit
E	378610	Range Extender
F	318709	My RV Wifi Hub
G	351138	MyRV Smart Switch
H	344920	5 Function MyRV Receiver with Selectable Fuses
	344922	5 Function MyRV Receiver with Selectable Fuses and Hydraulic
	344921	8 Function MyRV Receiver with Selectable Fuses
	344923	8 Function MyRV Receiver with Selectable Fuses and Hydraulic
I	318751	MyRV Lighting Control Module



Callout	Part #	Description
J	331111	Canbus Data Harness - 2'
	331113	Canbus Data Harness - 5'
	331114	Canbus Data Harness - 10'
	331116	Canbus Data Harness - 20'
	331117	Canbus Data Harness - 30'
	351071	Canbus Data Harness - 50'
K	329080	Canbus Power Connector
L	333041	Canbus Terminating Resistor



LIPPERT COMPONENTS™

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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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