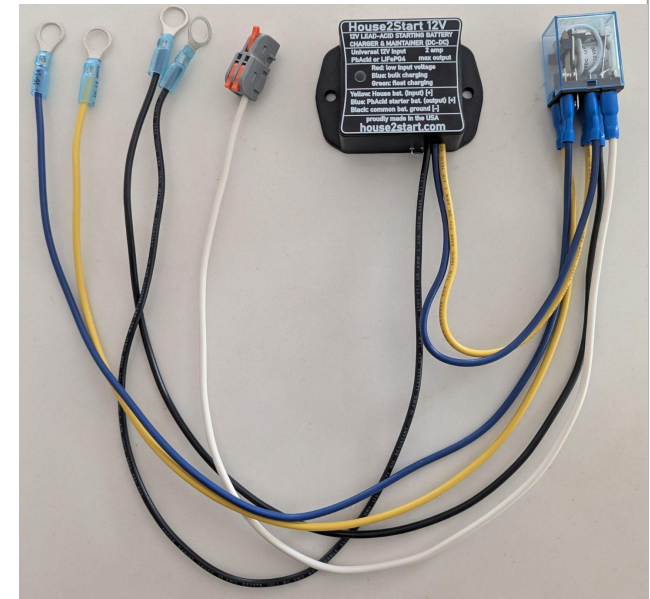
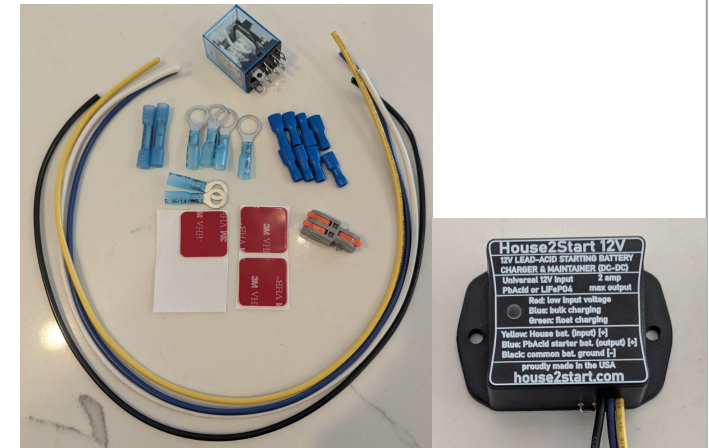


# House2Start™ DIY relay kit assembly instructions

## Relay kit assembly with House2Start module

- 1) Identify grounding location for House2Start module and relay. Determine if smaller  $\frac{1}{4}$ " or larger  $\frac{3}{8}$ " ring terminal fits best.
- 2) Both black wires: crimp the small or large ring terminal onto the House2Start black wire and the black wire included with the kit.
- 3) House2Start yellow & blue wires: cut off  $\sim\frac{1}{2}$  the length from each wire, discard removed wire. To the remaining attached wires, crimp on quick-connect terminal. Attach yellow wire to relay pin 6, blue wire to pin 5.
- 4) Kit blue and yellow wires: crimp large  $\frac{3}{8}$ " ring terminal to one end, and quick-connect terminal opposite end. Attach yellow wire to relay pin 2 and blue wire to relay pin 1.
- 5) Kit white wire: strip  $\frac{7}{16}$ "- $\frac{1}{2}$ " off one end, 3-way attach lever lock connector, and quick-connect terminal opposite end. Attach yellow wire to relay pin 7.

Optional: install inline fuse holder on yellow wire (between ring terminal and relay)



# House2Start™ RV installation to Mastervolt terminals

## RV Installation:

- 1) Turn off engine, disconnect starter and house battery negative cables.
- 2) Mount House2Start module and relay near Mastervolt using VHB tape.
- 3) Connect relay blue wire to Mastervolt "A" terminal.
- 4) Connect relay yellow wire to Mastervolt "B" terminal.
- 5) Connect relay & H2S black wire to chassis ground point.
- 6) Connect relay white wire to RV engine-on wire (see page 4 for finding wire).
- 7) Re-connect starter and house battery cables.

## Installation Verification:

- 1) Verify House2Start LED is on (engine off)
- 2) While observing H2S LED, start engine: the LED should turn off. If the H2S LED does not turn off, immediately turn off the engine.
- 3) The relay also has a LED. If the relay is wired correctly it will turn green when the engine is on.

## Final steps:

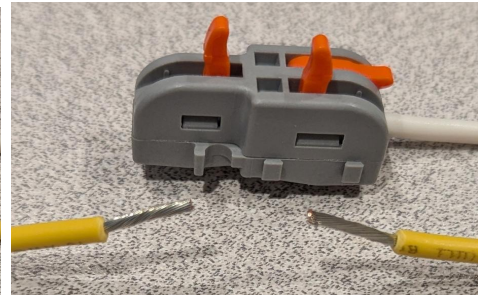
- 1) Organize & secure wires.
- 2) Replace and secure seat(s).

**Splice relay  
white wire to  
engine-on  
wire**

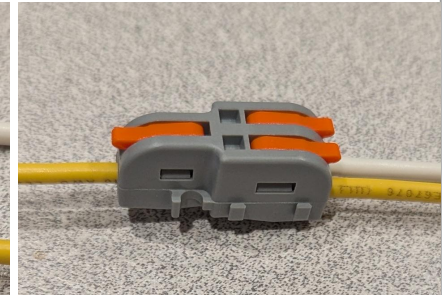
Yellow KE engine-on  
wire



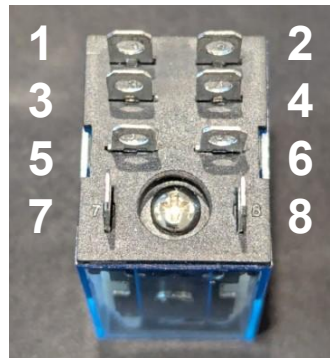
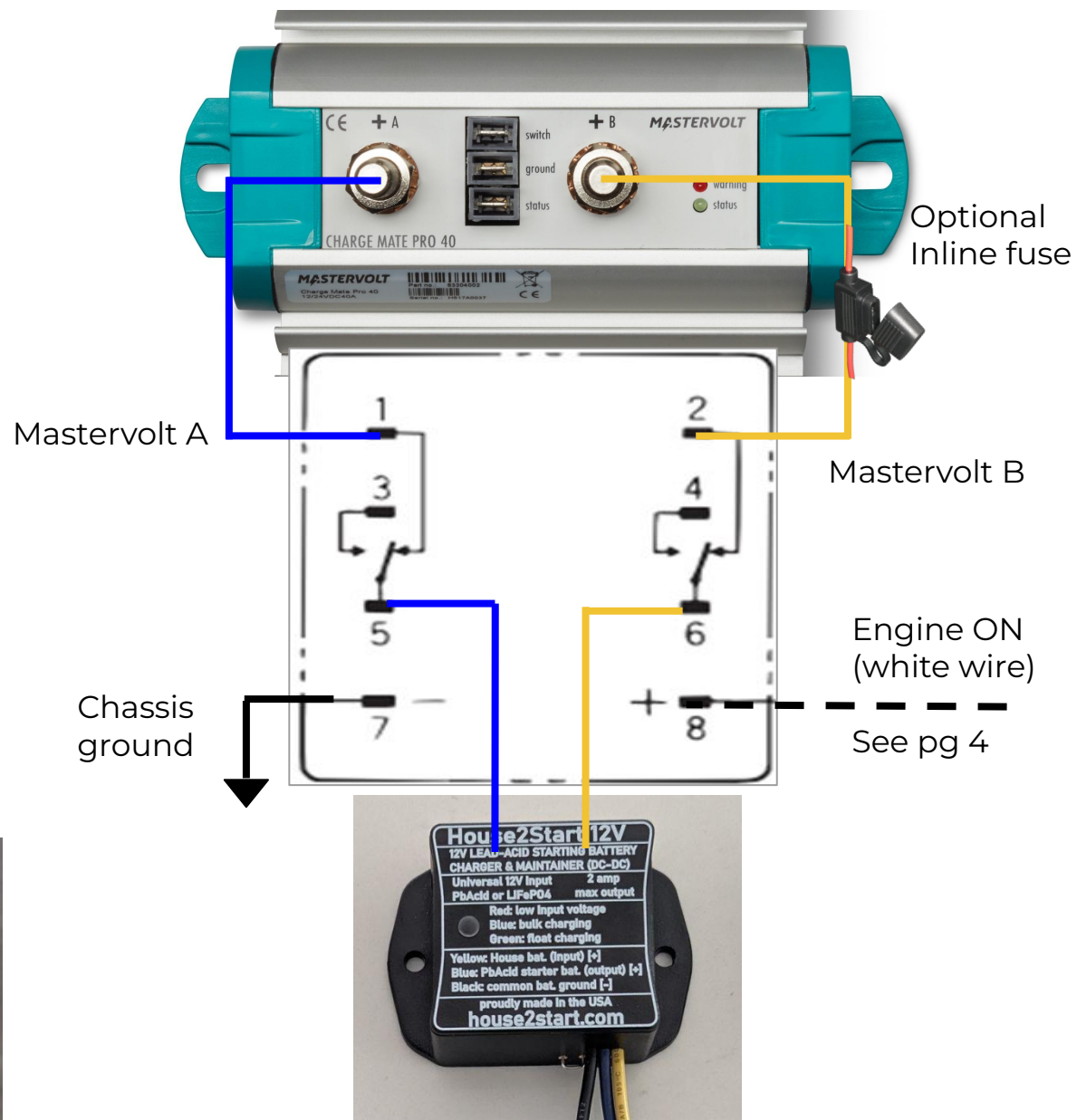
Strip 7/16"-1/2"  
insulation. Twist wire



Tug wires to confirm  
secure connection



# House2Start™ to Mastervolt Wiring Schematic





# House2Start™ to Mastervolt Wiring: Winnebago RV engine-on wire

Connect the relay white wire to the RV engine-on wire. For Winnebago RVs, the wire is yellow and marked "KE". Many RVs have KE under the passenger seat, marked C-KE, C-KE1, and C-KE2 (any can be used).

Factory relays



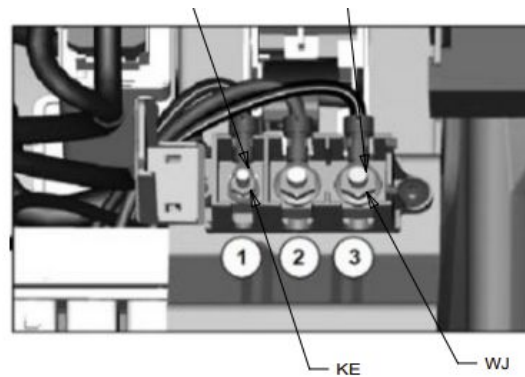
C-KE2 wire



C-KE1 wire



KE is also under driver seat, at terminal #1 of the 3-terminal block



Terminal	
1 <sup>st</sup>	power with engine running
2 <sup>nd</sup>	battery direct power
3 <sup>rd</sup>	ignition power