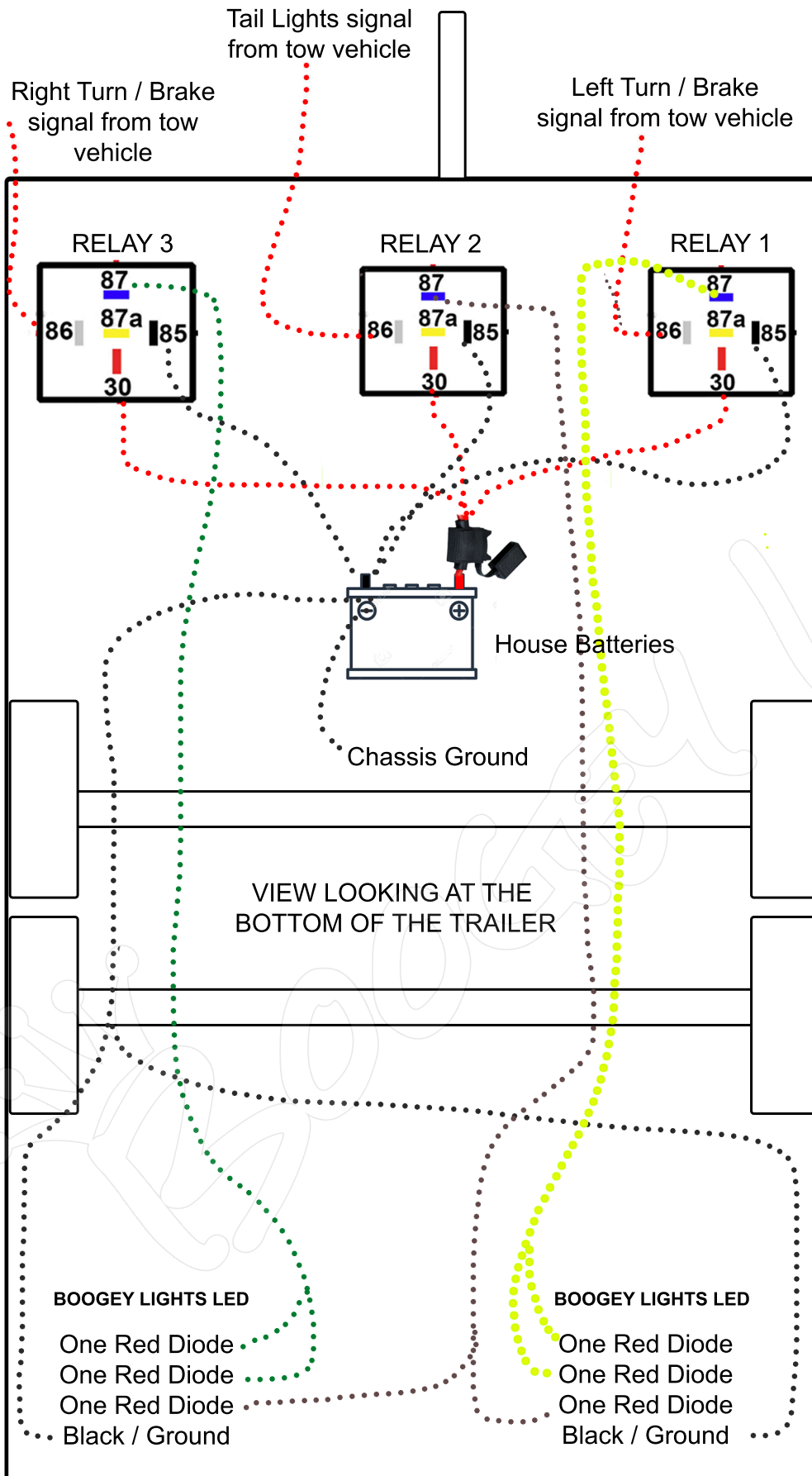


Example wiring diagram using relays for Tail-Turn-Brake integration. Most commonly used for situations where the LCM in the tow vehicle is throwing an error OR if the voltage at the rear of the RV isn't sufficient to power the add-on lights.



NOTES:

1. Red (12v+) & Black (12v-) wires used between the Relays and Battery should be 12awg or heavier.
2. Use 18awg or heavier stranded wire elsewhere.
2. Diagram assumes the brake and turn signals share the same circuit.
3. Always fuse the 12vdc+ connection on the battery.
4. Relays are housed in same compartment as the house batteries.
5. Battery ground = chassis ground.



- 85:** Frame ground.
- 86:** 12vdc+ trigger wire INPUT from truck's LEFT turn signal.
- 87:** 12vdc+ OUT to Diodes 2 and 3 on the LEFT SIDE Boogie Lights LED STRIP.
- 87a:** not used. cap the wire
- 30:** Connects to 12vdc+ side of battery (with inline fuse).



- 85:** Frame ground.
- 86:** 12vdc+ trigger wire INPUT from truck's TAIL LIGHT aka Running Lights.
- 87:** 12vdc+ OUT to Diode 1 on BOTH the LEFT and RIGHT SIDE Boogie Lights LED STRIPS
- 87a:** not used. cap the wire
- 30:** Connects to 12vdc+ side of battery (with inline fuse).



- 85:** Frame ground.
- 86:** 12vdc+ trigger wire INPUT from truck's RIGHT turn signal.
- 87:** 12vdc+ OUT to Diodes 2 and 3 on the RIGHT SIDE Boogie Lights LED STRIP.
- 87a:** not used. cap the wire
- 30:** Connects to 12vdc+ side of battery (with inline fuse).