

COACHMEN - TPMS Warning Light Solution

Issue: TPMS Warning Light may come on due to radio frequency interference emitted from redundant stereo microphone, camera switcher module, and possible camera cables located in dash area behind the stereo.

Solution: If cameras are viewed in the stereo, add a rearview mirror monitor and relocate cabling. Remove the stereo microphone and camera switcher module. If rearview monitor is in place already, remove the stereo microphone and re-route passenger sideview camera cable to overhead.

Changing to rearview mirror monitor and cable relocation

- Remove stereo from dash and remove the remote microphone attached to the radio harness, if equipped.
- Disconnect camera cables and trigger wires from the camera switcher module; remove module from the dash. Note on each wire and cable their respective function (power, ground, Left trigger, Right trigger, back up triggers; left camera, right camera, & back up).
- Remove the rearview mirror from holder on the windshield.
- Re-route camera cables into the headliner to center or just off center.
 - Driver's sideview camera and the rear camera cables will be routed up driver's A pillar into headliner;
 - Passenger's sideview camera will be routed up the passenger side A pillar.
 - You can remove the plastic grab handle to route into the headliner; be careful of tabs and be sure to reset properly with headliner.
 - Run wires/cables along windshield edge of the headliner, pulling the headliner edge down slightly to tuck the wires/cables above the headliner fabric. Leave wires/cables hanging at rear view mirror location.
- Pull the 12VDC power, ground and trigger wires from the previous switcher module location to the emergency brake pedal area. Extend each wire by adding approximately 6 ft of wire, so they may be routed up the A pillar to the center location.
- Make appropriate connections to the monitor harnesses.
- Test function of monitor by turning on the vehicle and using turn signals; for back up camera simply switch to back up view in the menu function of the monitor (or test drive the vehicle).
- Once proper operation is confirmed, install the rearview monitor on the windshield mirror tab and tuck the wires up into the headliner.
- Test drive vehicle approximately 18-20 miles for TPMS warning light; have the menu screen on to show the tire pressures. The system may need to learn the sensors again.

Motorhome has Rearview Mirror Monitor

- Re-route camera cables into the headliner to center or just off center of the monitor.
 - Disconnect monitor harness in driver's step well area, route it, and the driver's sideview camera and the rear camera cables, up the driver's A pillar to the center of the headliner above the monitor.
 - Update: Route the driver's side camera cable out of the dash, under and into the driver's step well. No cables in the dash area.

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- Passenger's sideview camera will need to be pulled back through the dash area and routed up the passenger side A pillar and to the monitor location.
- You can remove the plastic grab handle to route into the headliner; be careful of tabs and be sure to reset properly with headliner.
- Run wires/cables along windshield edge of the headliner, pulling the headliner edge down slightly to tuck the wires/cables above the headliner fabric. Leave wires/cables hanging at rear view mirror location.
- Extend the 12VDC power, ground and trigger wires located in the emergency brake pedal area and route up the A pillar to the center location along with the camera cables.
- The dash radio has a remote mounted microphone that needs to be removed. Remove stereo from dash mounting and disconnect remote microphone from stereo harness.
- Test drive vehicle approximately 18-20 miles for TPMS warning light; have the menu screen on to show the tire pressures. The system may need to learn the sensors again.

For both cases, if the warning light persists after the procedure, disable the camera/monitor by disconnecting from power, then test drive. If the light persists, it is most likely a chassis issue. If the light goes and stays off, there may be the possibility of a bad camera.

If any questions or issues, please contact our office at 574-825-8451 or 574-825-8602.