

Firestone

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FIRESTONE INDUSTRIAL PRODUCTS COMPANY

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Firestone has found a ground noise issue on a number of Monaco coaches. The ground noise can potentially cause a coach to not level properly when using the Horizon Level feature. Because of the variation in ground noise between vehicles, the leveling error can vary from slightly noticeable with use a level to obviously detectable. As well, some vehicles may have no issue with achieving a level stance. Because it is difficult to determine the ground noise of each vehicle, we recommend making revisions to the system grounding as a precaution for all vehicles.

After making the grounding revisions, a vehicle that previously did not level properly should easily achieve level. If it does not, there may be calibration errors. In this case, the calibration software should be used to recalibrate the vehicle on a level surface. An improperly calibrated vehicle will not level regardless of the ground noise issue.

The following directions describe the process to modify the wiring on existing vehicles.

1. Disconnect the air manifold connector and locate the ground wire on the "System Side." This will be located at Pin F.
2. Pull about 12" of the ground wire out from the harness and cut it.
3. Tape off the remaining wire in the harness and the put the protective covering back on it.
4. Crimp a ring terminal on the 12" ground wire that was pulled out.
5. Unbolt the outermost accelerometer bolt and scrape the paint off of the bracket below the bolt hole.
6. Connect the ring terminal onto the bolt that was taken out of the accelerometer and tighten the bolt again.
7. Secure the harness with a wire tie to prevent excess vibration at the connectors.