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Topic: Electrical Testing

Recent audits conducted by the FMCSA have dictated some necessary changes to the way we and our repair vendors test electric systems on our chassis. The FMCSA has made it very clear that they require

- All circuits to be demonstrated functional on an individual basis including stop and turn signals and ABS
- All turn signal/hazard lights must be demonstrated to blink individually, left and right.

Presently there are a number of our vendors that have their test equipment set up to make all circuits active simultaneously instead of individually. While not ideal we have previously accepted this practice because illumination of both elements in a dual element **incandescent** light could be determined by looking through the lens to determine if both filaments were lit. Since this is not the case for LED lights the practice of lighting all circuits simultaneously is no longer acceptable.

In as much as simultaneous test of all circuits is no longer acceptable to the FMCSA and does not allow us to adequately check lights in a manner consistent with FMCSA all repair vendors will be required to reconfigure all electrical testing equipment so that each circuit can be tested individually. All mobile units and repair shops must have testing equipment with separate switches to activate and deactivate each circuit no later than 21 May 2018.

Please direct any questions regarding this matter to Dave Green, CCM Technical Services Manager at the one of the contact numbers provided below