

Technical Bulletin

Bulletin No: TB 1016 **Effective Date:** 7/14/2016 **Issued by:** Adam Wirkiowski
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Subject: Transmission Controller Failures on Transmissions used in RICO Pegasus Elite Trucks

There have been reported issues with the transmission controller on RICO Pegasus Trucks which would fail. The controller would present two flashing red lights and the truck would be inoperable. After working with our vendor RICO found the following:

The transmission controllers were experiencing a voltage drop; this voltage drop was occurring for only several milliseconds. When the voltage to the controller would drop lower than a specific range, the controller would go into auto-shut down. Before going into auto shut down, the controller would start to write to a file (normal shut down). While writing this file, shut down would occur before the file was completely written. This coded file (that was not complete) would get corrupt, based on incomplete information being written to the file.

RICO and our vendor have implemented a “one second” delay before the controller starts to write the file with the new program. This one second delay will give enough time for the controller to skip over a low voltage signal (that being a false signal) and remove the risk of creating the incomplete file. This resolves the issue of a corrupt file disabling the truck from use.