

SERVICE LETTER



To: **Cementation Canada Inc. & Niobec, I Am Gold**

Letter No: **SL1009**

Email:

Date: 19-Feb-14

Contact:

Product: Toyota Hurth with Rewire Electrical

Serial Number Affected: T1357, T1358

Issue: Possible Back Feed Through Flasher Module, **Possible Fire Hazard**

Issue Noticed

There is a potential for a bypass power feed to switched power if the right turn signal as well as the 4 way flasher are activated and the engine is turned off. Refer to the equation below for the sequence of actions to cause the bypass power feed.

Flasher ON + Right Turn Signal ON + Key Turned OFF = the bypass power feed will keep the vehicle running

The vehicle will continue to run after the key is removed because switched power breaker CB2 is powered through the flasher module from breaker CB8. The weak point in the bypass power feed loop is the diode in the flasher module. When the diode fails due to excessive current it acts like a wire allowing current to flow in both directions keeping the bypass power feed active. If the power is not promptly cut at the master disconnect the diode and 18Ga wire used in the flasher module will continue to rise in temperature until smocking or melting may occur.

Recommended Corrective Action:

Miller Technology will supply a new flasher module kit that will prevent the bypass power feed. The old flasher module must be replaced with the revised New Flasher module. The old flasher module is to be shipped collect back to Miller Technology. The installation procedure is explained on page 2.

<u>Part Number</u>	<u>Item</u>	<u>Qty/Unit</u>	<u>Price</u>
844724	New Flasher Module - Supplied	1	Supplied By Miller

Please forward us a purchase order for the above item(s) for tracking reasons.

For further details or explanation please contact us at (705) 476-4500 or email jcollins@millertechnology.com

Be Safe,

John Collins

Manager, Mining Parts & Service

Phone: (705) 476-4500 Fax: (705) 476-8811 E-mail: jcollins@millertechnology.com

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MILLER TECHNOLOGY

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WORK INSTRUCTIONS FOR UPGRADES ABOVE

1. Remove old flasher module by unplugging the 6 pin plug and removing 1/4-NC nuts. The flasher module is located under the driver side dash on the center console wall.
2. Install new flasher module sent from Miller Technology by connect the 6 pin plug and fastening flasher module to frame using 1/4-NC Nuts.
3. Ship collect the old flasher module back to miller technology for disposal.
4. Replace parts pages and electrical drawings within unit specific parts manual.

