



March 27, 2020

## ANNOUNCEMENT

### MAXON: Quality Alert 2020-03-24, BMR Connectors

Attention Maxon Distributors - Please make sure to relay this message to your BMR Installation Team Members

This Quality Alert is to notify all installers of upcoming changes to our BMR Installation Manual.

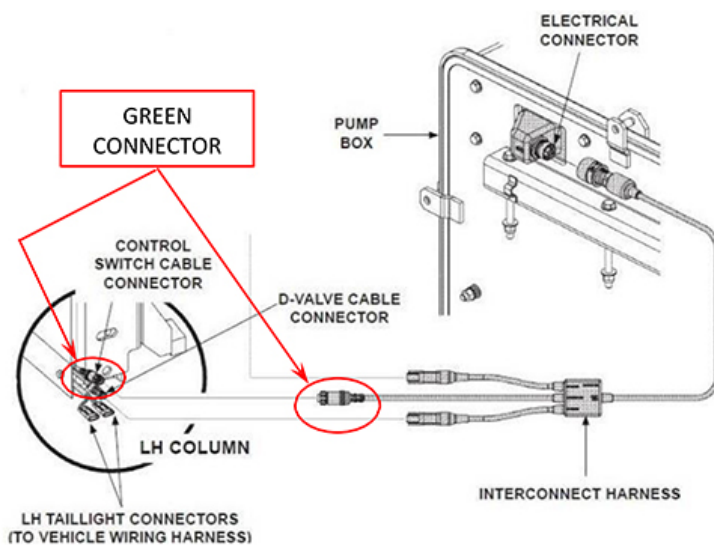
Recent field issues and Interconnect Harness Assembly returns have noted incorrect routing, undue stress placed on connectors, or improperly mated connectors during the installation process. This may allow moisture to penetrate the seal, lead to pin corrosion, broken wires, and premature electrical issues.

The instructions provided in the QA Alert should be followed until the manuals are updated and distributed.

GREEN Connector(s) Assembly:

1. Locate GREEN connector(s) from column switch to interconnect harness. The connection is behind the curbside column.

Note: Liftgates with auxiliary or street side controls have a tee assembly with three green connectors. Use procedure on all green connectors.



2. Check that O-ring is present, and there is no dirt or debris on the O-ring or in the connector.

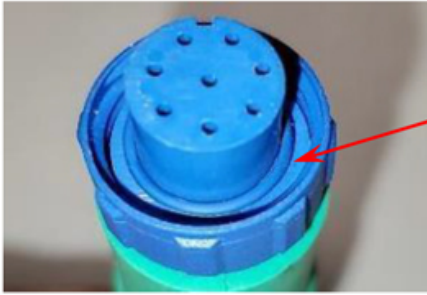
## CALENDAR OF EVENTS

### Truck World

September 2020  
Toronto, ON Canada

### The Distribution Solutions Conference (IFDA)

October 25-27, 2020  
Tampa, FL



O-ring clean

3. Slide a 2" long piece of 1" ID adhesive lined heat shrink (Maxon Part # 905189-04) over the connector.

4. Apply a thin coating of dielectric grease around the outer face of pin connector, as shown. Do NOT apply any dielectric grease to the pins or inside the connectors.



Dielectric grease

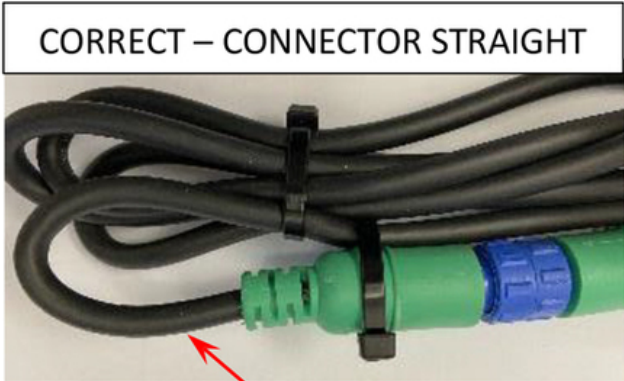
5. Align the keyed connectors and push together. Tighten blue ring until it is fully seated with no gap between the connectors. Grip both ends of connector firmly by hand and tighten.



NO GAP FULLY SEATED

6. Center heat shrink over connection and apply heat until heat shrink is fully sealed around the connectors.

7. Secure harness under trailer with tie straps as needed. Do not bend the connector while securing. Be sure cable exiting the connector is stress relieved. Cable should exit connector 1" straight before bending at maximum 1" radius.



CABLE EXITING  
CONNECTOR STRAIGH



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**Maxon Lift Corp.-Marketing Department**  
11921 Slauson Avenue, Santa Fe Springs, CA 90670-2221  
(800)227-4116 | (562)464-0099

[www.maxonlift.com](http://www.maxonlift.com)

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11921 Slauson Avenue | Santa Fe Springs, CA 90670-2221