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DEALER TECHNICAL BULLETIN 08 - 06



Subject: Water intrusion into the 7-way electrical connectors mounted at rear of the vehicle.

Concern: Water ingress through the 7-way electrical connector can cause a short in the mating connectors and cause shorts and corrosion in the wiring. In particular (for example), shorting of the brake control blue power wire in the gooseneck/fifthwheel harness may set off fault/warning codes in OEM and our branded brake controls. For example the double zero code in the Reese 83520 and 83500 brake controls will be displayed if the blue brake control output wire in the 7-way connector gets shorted with moisture.

Solution: When plugging in the fifth wheel and gooseneck wiring harnesses and other connectors into 7-way connectors at the rear of the vehicle use dielectric grease to seal the connection. This will keep moisture from compromising the connection and potentially setting off an error code on brake controls and preventing plug corrosions. If error codes continue to appear on the brake controls you will need to disassemble and dry out the connection before the codes will reset to normal.

Harness instructions are being updated to include the use of dielectric grease when installing.

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