INSTRUCTION - CONNECTOR CONVERSION
TN02594
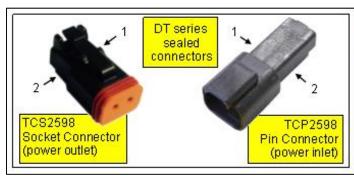## (Connector Standardization)

RECORD OF REVISIONS

When updated, this document is changed in its entirety

REV	DATE	DESCRIPTION	BY	CKD
D	MAY-22-2019	Add polarity note for connector install.	GDO	DNE
C	OCT-26-2015	Revise narrative, and title change with standardization	GDO	DNE
B	FEB-04-2015	Add figures and reformat.	DNE	DNE

Current revision approval:_____

Figure 1. Connector types. DT series connectors replace Spade type. Standard configuration: Power lead fitted with DT socket connector and load/receiving side configured with DT pin connector. Polarity: 1 – Black or Gray wire, 2 - White wire.

⚠️ **Caution:** System must be disconnected from power. Do not connect power before performing Functional System Check with ohm meter per system ICA.

Following steps applicable to DT series and CNA type connector conversion and/or repair:

1. For additional DT series connector instruction, refer to TN02793.

2. Cut and remove old connector assembly from cable.

3. Strip insulation from wires and crimp DT series contacts in place.

    Note: When converting CNA to DT series connector slide section of high temperature shrink (approx. 0.5 dia. x 1.0 inch) over outer sleeving, enough to cover cut edge of sleeve.

4. Remove rear seal from connector body and apply dialectic grease (DC-4) or silicone spray to wire holes in seal and small amount to wire insulation below contacts.

5. Insert terminated wires through rear seal, pulling wire and contacts beyond seal about 1.0 inch / 24 mm.

6. Insert contacts into rear of connector body, install wedge, slide rear seal into place in rear of connector body. Diameter of wire may require working seal into place with appropriate tool.

    Standard polarity: Black/Gray wire to 1, White wire to 2. Wires not color-coded polarity not an issue. Note: Numbers on sides of connectors, refer to Figure 1.

7. When using shrink, slide up to rear of connector covering exposed edge of sleeve and shrink in place.

8. Connect and re-secure.

9. Perform Functional System Check as per system installation instruction or ICA.

------ NOTHING FOLLOWS -----