

# PPS Revision Notice

As of December 5, 2017, the following PPS's have been released, having been revised as noted below:

## PPS 9.09, Issue 21 – Splicing Electrical Wires

### Summary of Changes

- Replaced all reference to M27429 splices (typo) with reference to MS27429 splices.
- Revised reference to hot air guns to add the Steinel HG 2520E hot air gun as an example.
- Replaced cross-reference to PPS 9.04 with cross-reference to PPS 9.22 for a listing of standard plastic insertion/extraction tools for rear release contacts which can be used to disassemble terminal junction disconnect splices.
- Clarified the table specifying filler wire requirements (Table 2) to add cross reference to the applicable filler wire method(s).
- Split the table specifying splice stripping and crimping data into two new tables, one for wire stripping data (Table 3) and another for selection of crimp tools (Table 4).
- Added a tolerance of +/- 1/64" to wire strip lengths for wire to be terminated at insulated and un-insulated butt connector splices, Hyreducer butt splices, insulated environment resistant splices and at quick disconnect splices.
- Clarified references to DSC splices as Bombardier Toronto (de Havilland) parts.
- Clarified reference to Raychem crimp tools to allow use of equivalent Tyco and TE Connectivity crimp tools with the same tool number.
- Clarified reference to AMP crimp tools to allow use of equivalent Tyco and TE Connectivity crimp tools with the same tool number.
- Replaced all crimp tool references to T&B tools with reference to Thomas & Betts tools.
- Replaced instruction to install plastic cable ties according to PPS 9.04 with instruction to install plastic cable ties according to PPS 13.34.
- Replaced procedure and requirements for qualification of crimp tools with cross-reference to new PPS 9.55 (Qualification of Crimp Tools).
- Removed specific operating instructions relating to the Schleuniger CT32 pneumatic crimping machine.
- Clarified splice location relative to connectors and exception to avoiding splice overlap.

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This revision notice lists brief summaries of technical changes introduced for each of the revised PPS's. Please note that these summaries are not detailed and are intended only to assist in alerting PPS users to changes which may affect them; refer to the applicable PPS for authorized, detailed procedure and requirements.

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- Added instruction to loop the wires terminating at disconnect type splices during installation to eliminate possible stress on the splice due to vibration.
- Moved safety considerations regarding hot air guns to section 7 (Safety Precautions).

### [PPS 9.36](#), Issue 20 – Manual Crimping of Size 12 - 22 Contacts

#### Summary of Changes

- Added new sub-section 3.1 and para. 3.1.1, to ensure correct usage of reference specifications.
- Created new sub-section 3.2, to identify PPS document references as Bombardier Toronto (de Havilland) process specifications.
- Added new para. 4.1.1, to prevent inappropriate material substitution.
- Replaced specific instructions for qualification of crimp tools with instruction to qualify crimp tools according to PPS 9.55.
- Added instruction to refer to the manufacturers' instructions for crimp tool operation.
- Added M39029/1-102 and M39029/31-627 contact identification information and crimping tool/positioner selection.
- Added filler wire requirements for 22D and 22M contact wire barrel sizes.

### [PPS 15.01](#), Issue 40 – Part Marking

#### Summary of Changes

- Revised references to "Raychem" equipment and/or materials to specify "TE Connectivity, Tyco Electronics or Raychem" equipment and/or materials.
- Revised para.4.1.17 to remove 16-8700Q ink from the list of ink-jet inks that can be used on all parts.

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