



## ENGINEERING ACCEPTANCE - TECHNICAL NOTE

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**Subject:** Direct Replacement Component Certification

**Advice to:** CCBs and VABs

**Reference:** Standard: GM/RT2000 Issue: 3 Clause: 8.3

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**Applies when:** Considering the need for certification of like-for-like components.

**Note's Purpose:** To clarify the scope of Direct Replacement Component Certification.

**Background:** Technical Note TN-020 publicised Non-Compliance 03/164/NC permitting certification of alternative components or materials.

It was not intended to outlaw 'letters of comfort', where issued previously, nor was it intended to require certification of components that would not previously have been specifically scrutinised, such as small relays for replacing obsolete items.

The application of this process variation was intended for those circumstances where the requirements of GM/RT2000 issue 3 would have made re-certification of the vehicle essential if the alternative component was fitted to it.

**Requirements:** The responsibility of the Design and the EA signatories is to ensure that:

- 1) Scrutiny of the comparative conformance of a direct replacement component or material relative to that of the component or material it replaces is restricted to those aspects in which the original component could reasonably have been expected to have been scrutinised (CCB).
- 2) 'Letters of comfort' are limited to situations where there were no mandatory requirements specific to the original component or material, and where previously deemed sufficient under GM/RT2000 issue 3 clause 8.3 (CCB).
- 3) A Certificate of Design Conformance for Direct Replacement Component is only issued where the fitment of an alternative component or material equal in performance (as defined in TN-020 Appendix 1.3.1) would otherwise require re-certification of the vehicle itself (CCB and VAB).
- 4) This Technical Note is read in conjunction with Technical Note TN-020.

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