

BBTB Date:	17 July 2017
BBTB Number:	BBTB-005
BBTB Title:	VIGIL2 CANBUS RS485 Ports
System Description:	VIGIL2
Product(s) Affected:	BVRDFPI, BVRDADC, BVRDACO / NCO
Reference:	ECR3224
Priority:	3

- 1 - Essential:** Action is Recommended
 - 2 - Important:** Product Form / Fit / Function has been changed (may affect compatibility)
 - 3 - General:** For information / reference
 - 4 - Obsolescence:** Notification of Component or Product Obsolescence
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DESCRIPTION

Due to ever increasing complexity and overhead requirements on RS485 communications, the RS485 expansion ports on BVRDFPI, BVRDADC & BVRDACO / NCO can no longer be used. A separate “string” of BVRDCI units should be used if more than two ports (as supplied on the BVRD2M) are required.

FEATURE CHANGES

The RS485 terminals will be modified on the BVRDFPI, BVRDADC, BVRDACO & BVRDNCO to prevent use of the port.

DEFECTS FIXED

There is a risk of spurious fault reporting on these modules when the RS485 ports are heavily used. These spurious faults appear to be random and are not re-creatable.



Note:

This update does not need to be applied to existing systems unless spurious faults are being announced by CANBUS modules.

COMPATIBILITY

An additional BVRDCI module may be required if replacing an existing module on site that has been configured to use the RS485 port.

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