

BULLETIN 31799

MWM INTAKE MANIFOLD

Date: 31/7/2015
Prepared for: Industry
Prepared by: Ross Stutchbury



GE Industrea Thornton
02 40148500

GE Industrea Rutherford
02 40159000

GE Industrea Emerald
07 4982 0066

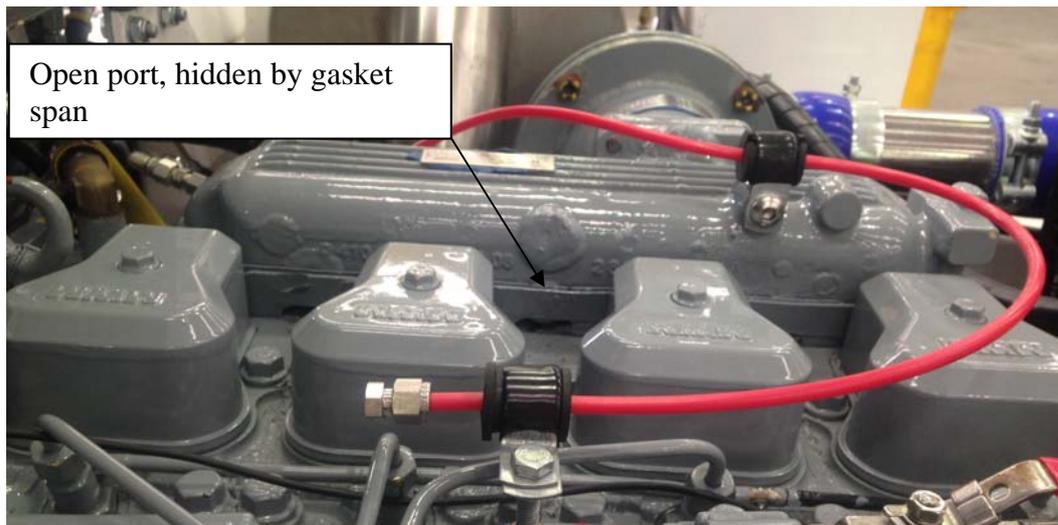
BULLETIN MWM Inlet Manifold

GE Industrea advises the following relating to MWM Diesel (MDR114056DES) powered MineCruisers, PETS and Graders.

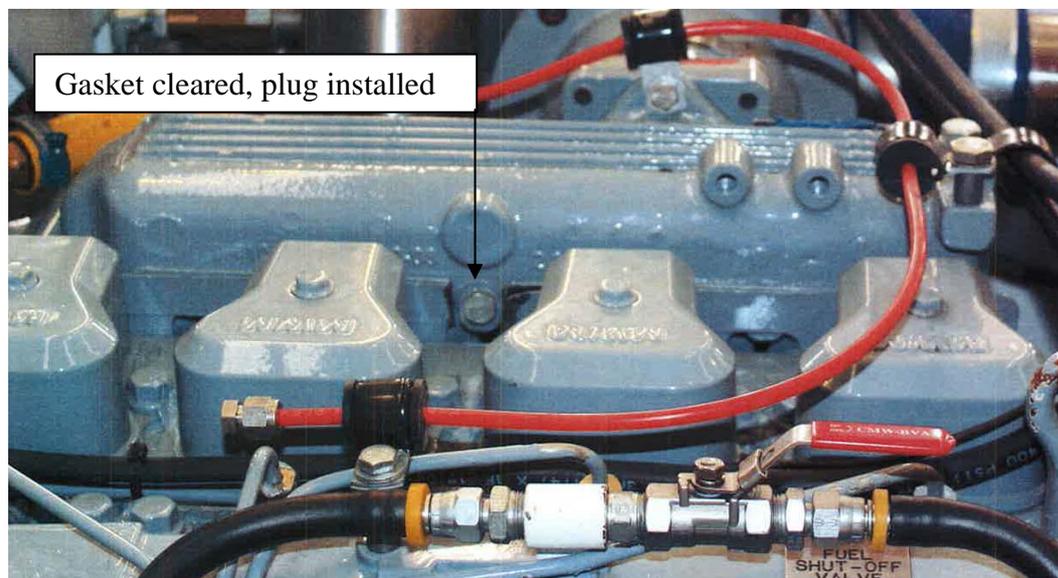


Communication: Open port

During routine maintenance of a MineCruiser, subsequent to an AS/NZS 3584.3 “Code D” inspection, air was found to be escaping from behind the air inlet manifold gasket through an open port where a manifold plug was missing.



Gasket spanning from port to port covers the port from view.



Gasket cleared to show 1/8” BSPT plug installed with thread sealant.



Action required: Inspection

GE Industrea recommends that the MWM inlet manifold be visually inspected to ensure that this plug is in place. (Note, in some cases the casting is supplied blank without this port tapping, - no plug required in that case).



Communication: Hydrostatic Pressure testing sequence

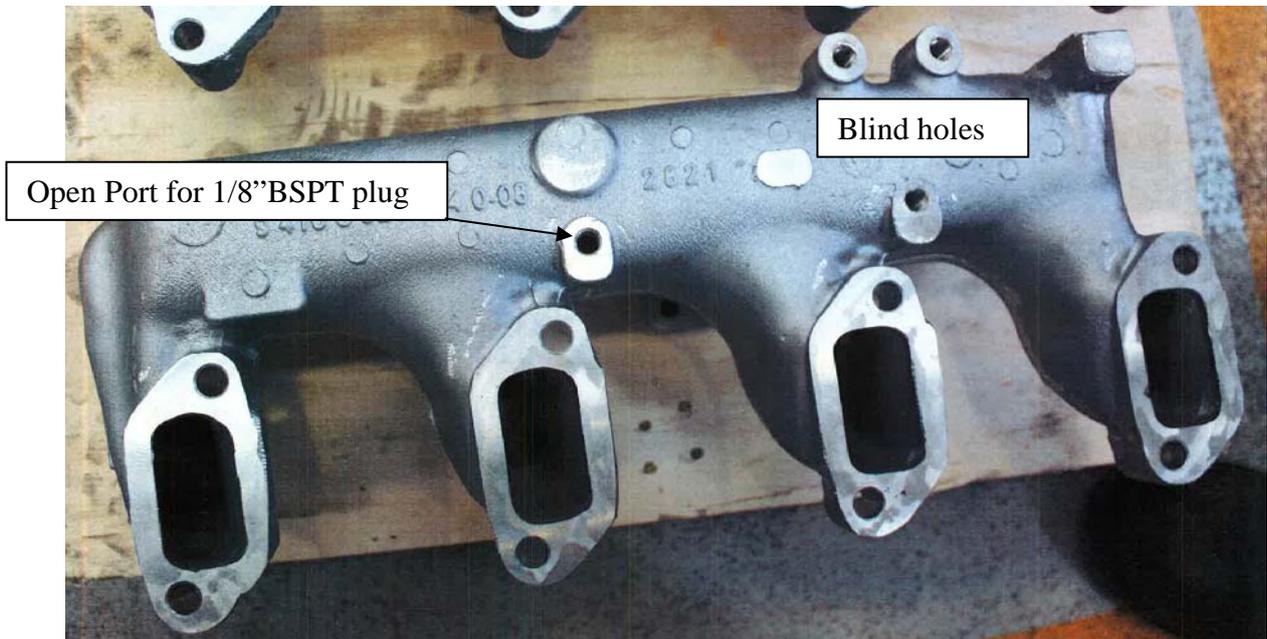
The inlet manifold on the GE Industrea MWM Diesel Engine System is subject to the AS/NZS 3584.3 Code D maintenance inspection regime including disassembly, inspection and hydrostatic pressure testing.

The hydrostatic pressure should be applied through a test blanking plate fitting so that all required plugs are in place for testing. GE Industrea recommends that hydrostatic pressure testing be undertaken last in the inspection process and that the component be installed in the *as tested* configuration to ensure the assembly is gas tight. The 1/8" port shown above should not be used to connect to pressure for testing purposes.



Communication: Manifold Detail DES drawing

Investigation identified that the port shown below was not detailed on the Inlet Manifold DES drawing. DES drawing 7-054496-700G is provided with this bulletin, showing detail for this joint on sheet 3 of 4.



Inlet Manifold



Action required:

Please review this information with maintenance providers to ensure that the manifold is installed with all plugs in place and pressure tight.

Logistics: Please contact GE Industrea if further assistance is required.