

Service Letter

SL-MD10-001

1 Technical Details

1.A Aircrafts affected

JS-MD 3, All Serial numbers until further notice

1.B Subject

Replacement of Fuel Board

1.C Reason

A few of Jet Refuel boards have failed during operation. After investigation it was discovered that components on the circuit board may fail when the refuel/defuel switch is switched directly from the refuel position to the defuel position or vice versa. A current spike induced by the rapid change of direction of the electrical fuel pump may exceed the limits of the certain components on the board resulting in failure of the components.

A refuel circuit board failure is expected when it is no longer possible to perform refuelling/defueling using the internal pump.

1.D Information

A new board has been developed and is in the testing phase at this moment. Once tests have been completed a Service Bulletin and Technical Note will be issued for the replacement of the relevant part.

If a board failure occurs before the revised design has been completed, the faulty board may be replaced with the original designed boards.

Avoid moving the refuel/defuel switch instantaneously from refuelling to defueling or vice versa. Move the switch first to the centre position (Operation) for a couple of seconds to allow the fuel pump to stop before moving the switch in the opposite direction.

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1.E References

None

1.F Appendices

None