

# ADVISORY WIRE

## AW700-38-0381

**DATE:** 10 May, 2012

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**FROM:** BOMBARDIER CUSTOMER SERVICES BUSINESS AIRCRAFT

### ADVISORY WIRE

**REFERENCE NO:** AW700-38-0381

**SUBJECT:** Water level sensor torque

**EFFECTIVITY:** Global Express aircraft (9002, 9004 - 9007, 9009, 9012, 9013, 9015, 9017, 9018, 9021, 9024, 9025 - 9027, 9028, 9030, 9033, 9040, 9044, 9046, 9048, 9049, 9052, 9054, 9059, 9061, 9063 - 9065, 9067, 9072, 9073, 9076 - 9081, 9085, 9087, 9089, 9091, 9098, 9105, 9106, 9108)

**ATA:** 38-10

**This Advisory Wire contains Maintenance Information**

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### 1.0 REFERENCES:

1.1 SIPC 38-10-00 Potable Water System

1.2 RIL GX-0078 Torque of the water tank level sensor p/n: 2F7851

### 2.0 INTRODUCTION:

This Advisory Wire is to inform Operators of a reported burning smell in the cabin as a result of an electrical short condition with the Potable Water System tank level sensor. The aircraft was flying over the ocean then safely diverted and landed uneventfully.

### 3.0 DESCRIPTION:

Investigation concluded that the electrical short condition was caused by overtorquing and cracking the sensor during installation, causing water infiltration in the internal circuitry.

This sensor is located on the water tank and is also used as a wet sensor for the water pump.

### 4.0 ACTION:

When installing Potable Water System level sensor p/n: 2F7851 torque to the appropriate value stated in Ref 1.2 available on the CIC website.

Have any suggestions or comments?

Please take a moment to fill out our Advisory Wire survey:

<http://csefeedback.aero.bombardier.com/index.php?sid=61337&newtest=Y&lang=en>