BOMBARDIER

SERVICE BULLETIN SUMMARY

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MODEL BD−700−1A11 (BD−700)

ATA 36−12

PNEUMATIC

SPECIAL CHECK/REWORK – BLEED-AIR LEAK-DETECTION SYSTEM – SPECIAL CHECK ON THE KIDDE LEAK DETECTION LOOP ELEMENTS

The information below is provided for your reference. For full details, including labor and part coverage, please see corresponding paragraph contained within this bulletin.

RECOMMENDED SPECIFIED TIME COMPLIANCE	**COMPLIANCE TIME** Within 120 months or 2000 flight hours whichever comes first from this Service Bulletin release date (Basic Issue)
EFFECTIVITY: A/C Serial No. **9127** to **9383**, **9389** to **9400**, **9404** to **9431**, and **9998**	
MANPOWER: Refer to Paragraph 1.F.	

CONTINUED AIRWORTHINESS (CAW) FLEET CAMPAIGN	YES	☐	NO	☒
TLMC, CH 5 AFFECTED	YES	☐	NO	☒
KITS and/or PARTS	YES	☒	NO	☐
TOOLING/GSE	YES	☒	NO	☐
PLANNING INFORMATION: See important information at the start of Paragraph 1.	YES	☒	NO	☐
DEDICATED SCHEDULE	YES	☐	NO	☒

PREREQUISITE SERVICE BULLETINS: N/A

NOTE: This Service Bulletin may be subject to an Airworthiness Directive which will make it necessary to implement this Service Bulletin.

To place an order for parts or kits, please call Bombardier Aviation Parts Services at:

514−855−2999 or 1−866−538−1247

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SPECIAL CHECK/REWORK – BLEED-AIR LEAK-DETECTION SYSTEM – SPECIAL CHECK ON THE KIDDE LEAK DETECTION LOOP ELEMENTS

1. PLANNING INFORMATION

NOTES:

1. To reduce operator downtime due to aircraft set−up, access, close−out and return to service testing, Bombardier is recommending that the work is done at the 120 month scheduled maintenance event while still respecting the Service Bulletin compliance time. Refer to Paragraph 1.F.

2. Minimum manpower requirement is two (2) to perform this Service Bulletin. However, a third person may be required to assist with heat gun operation.

3. Do not perform this test procedure when the ambient temperature around the aircraft is below 0°C (32°F).

4. Testing to be performed in a hangar (well ventilated) or tarmac conditions with no precipitation.

5. Send all Test Results to Bombardier Customer Support Engineering through the SRPSA form to SRPSA@aero.bombardier.com or through Salesforce for BAS Facilities.

6. **Before you do this Service Bulletin, examine all STC, STA or equivalent action changes to make sure that this Service Bulletin can be completed.**

A. Effectivity

BD−700−1A11 aircraft, Serial No. **9127** to **9383**, **9389** to **9400**, **9404** to **9431** and **9998**.

NOTE: The instructions given in this Service Bulletin are only applicable to the systems and parts installed at the time of delivery of the aircraft or as changed by Bombardier Aviation Service Bulletin(s).

B. Reason

1. Condition:

   Sensing elements delivered by Kidde to LTS are not able to properly detect leakages according to the temperature defined in the specification. Some of the Leak Detection Loop (LDL) elements supplied by Kidde may be non−conforming and these elements present a risk due to the inability to detect a bleed air leak.

2. Evidence:

   ATP software used by Kidde to test the LDL elements has certain deficiency within the test equipment which result to a probability of having certain non−complaint LDL elements delivered to Bombardier.

3. Objective/Benefit:

   This Service Bulletin introduces a procedure to test the serviceability (examine the functionality) on each LDL element installed on the aircraft and to replace those that have failed.

C. Description

This Service Bulletin gives instructions to:

- Gain access to the equipment bay,
- Gain access under the baggage bay,
- Remove the belly fairings,
- Gain access to the left wing root,
- Gain access to the right wing root,
- Do the heat gun temperature verification,
- Do the flight compartment setup,
- Do the test procedure at each location,
- Fill out Appendix A with test results, and
- Replace defective LDL element if needed.

D. Compliance

Recommended in less than 120 months or 2000 flight hours, whichever comes first from this Service Bulletin release date (Basic Issue).

NOTE: If it is not possible to complete all the instructions in this Service Bulletin because of the aircraft configuration, submit an SRPSA for analysis and to get an approved disposition to complete this Service Bulletin. Standard SRPSA fees may apply. Refer to the Services section of the Bombardier customer portal for the latest prices, rates and fees.

E. Approval

The technical content of this Service Bulletin has been approved under the authority of Transport Canada Civil Aviation (TCCA) Design Approval Organization (DAO) No. DAO #93−Q−02.

NOTES:
1. The technical content of this Service Bulletin is accepted by the FAA under the Canada/USA bilateral Aviation Safety Agreement.

2. The technical content of this Service Bulletin is accepted by EASA under the Canada/EU bilateral Aviation Safety Agreement.

F. Manpower

NOTES:
1. The man−hours given are to help you schedule the tasks given in this Service Bulletin. The man−hours are for direct labor performed by an experienced crew and do not include the time for familiarization, planning, aircraft preparation in hangar such as towing and positioning of scaffolds, removal of interior furnishings, repainting, supervision and inspection.

   For more information related to the manpower, refer to SB 700−1A11−00−002.

2. This Service Bulletin may require consumable materials that have specific curing times (refer to Paragraph 3). The accumulated curing time is not included in the man−hours and should be considered for planning purposes before you schedule this Service Bulletin.

3. To reduce operator downtime due to aircraft set−up, access, close−out and return to service testing, Bombardier is recommending that the work is done at the 120 month scheduled maintenance event while still respecting the Service Bulletin compliance time. Refer to Paragraph 1.F.

1. If the aircraft is in scheduled heavy−maintenance: 55 total man−hours are necessary to complete this Service Bulletin.

2. If the aircraft is outside scheduled heavy−maintenance: 140 total man−hours are necessary to complete this Service Bulletin.

The labor required to do this Service Bulletin when the aircraft is in or outside scheduled heavy−maintenance is at no cost if:

- the work is done at Bombardier Business Aviation Services (BBAS) or Authorized Service Facilities (ASF), and
- this Service Bulletin is scheduled in less than 120 months from its release date (Basic Issue).

G. Material − Cost and Availability

No kit is necessary to do this special check/rework. The parts in Paragraph 3.B. may be necessary to do this Service Bulletin. For material data, refer to Paragraph 3.C.

The parts are available at no cost if:

- a no−charge purchase order is sent to Bombardier Aviation in less than 120 months from this Service Bulletin release date (Basic Issue).

NOTE: If material coverage is required due to part failure, a scrap certificate will be required. Claims will not be approved without the necessary scrap certificate. Please see scrap certificate form attached with Service Bulletin.

During or after the above free period, Smart Parts Plus does not pay for the part(s).

H. Tooling

The equipment and tools listed below are necessary to do this special check/rework:

GSE REFERENCE NO.	PART NO.	DESCRIPTION
Commercially Available	07051 (Steinel) (or equivalent)	Heat Gun Shield
Commercially Available	HG2320E (Steinel) (or equivalent)	Heat Gun (capable of 0 to 350°C (32 to 662°F) hot air delivery with tolerance of ±10°F or ±5°C)
Commercially Available	HH501BJK or Fluke 289 (or equivalent)	Digital Multimeter Type K input 32− 1100°F (0−594°C) Tolerance ±4°F (±2.2°C or 0.75% (whichever is greater) 32−104°F (0−40°C) operate temp

GSE REFERENCE NO.	PART NO.	DESCRIPTION
Commercially Available	KMQSS−062U−12 (or equivalent)	Thermocouple Type K input 32− 1100°F (0−594°C) or greater Tolerance ±4°F (±2.2°C or 0.75% (whichever is greater)
Commercially Available	−	Green Sharpie marker or equivalent permanent marker)
Commercially Available	−	Scraper, Non−Metallic
Commercially Available	−	Sharp Knife
Commercially Available	−	Stopwatch Time 2 minutes (minimum), 1 second resolution (±5 secs over range)
Commercially Available	−	Walkie Talkies
Commercially Available	−	Wrench, Torque 10 to 35 lbf in (1.13 to 3.95 Nm)
Commercially Available	−	Wrench, Torque 29 to 50 lbf in (3.28 to 5.65 Nm)
Commercially Available	−	Wrench, Torque 55 to 85 lbf in (6.21 to 9.60 Nm)
Commercially Available	−	Wrench, Torque 162 to 179 lbf in (18.31 to 20.22 Nm)
Commercially Available	−	Wrench, Torque 71.25 to 87.91 lbf ft (96.61 to 119.18 Nm)

NOTES:
1. Refer to the Global 5000 Illustrated Tool and Equipment Manual (ITEM) to make sure that you use the correct equipment configuration.
2. Refer to the Liability Statement in the ITEM for the Global 5000 for acceptable GSE equivalents.

3. This list is provided for quick reference. In case of discrepancy between this list and the tools called in the SPM, WM, Chapter 20, then the tools called in the SPM, WM prevail. Other approved alternative tools are acceptable and can also be used.

I. Weight and Balance

No change.

J. Electrical Load Data

No change.

K. References

- TCCA Airworthiness Directive, (pending).
- Bombardier Aviation, Restriction and/or Special Instruction (RSI), C−01809.
- Bombardier Aviation, Restriction and/or Special Instruction (RSI), C−01813.
- Liebherr−Aerospace Toulouse SAS (LTS), Service Bulletin, CFD−F1958−26−01, Initial Issue, dated May 6 2022.
- Kidde Aerospace and Defense SB CFD−26−1 Revision 6, dated 28 February 2022.
- Kidde, procedure R−12586.
- Kidde, procedure R−12595.
- Bombardier Aviation, Standard Practices Manual (SPM), Chapter 20.
- Appendix A − Test Results.
- Appendix B − Test Matrix.
- Appendix C − Test Locations.
- Bleed Loop Scrap Certificate (Attached).
- Advisory Wire AW700−36−0826.
- Global 5000 BD−700 Aircraft Maintenance Manual (AMM), Chapters 6, 21, 24, 36, 45, 53 and 54.

L. Other Publications Affected

None.

M. Equivalent Service Bulletins

For the Global Express and Global Express XRS BD−700−1A10 aircraft, use SB 700−36−026.

For the Global 5000 BD−700−1A11 Featuring Global Vision Flight Deck aircraft, use SB 700−36−5002.

For the Global 6000 BD−700−1A10 aircraft, use SB 700−36−6002.

For the Global 5500 BD−700−1A11 aircraft, use SB 700−36−5501.

For the Global 6500 BD−700−1A10 aircraft, use SB 700−36−6501.

2. ACCOMPLISHMENT INSTRUCTIONS

NOTES: 1. All TASKs given in the procedures that follow are from the Global 5000 BD−700−1A11 Aircraft Maintenance Manual (AMM) unless otherwise specified.

2. All references made to zones, access panels and/or doors, are from the Global 5000 BD−700−1A11 Aircraft Maintenance Manual (AMM), Chapter 6.

A. Aircraft Maintenance Record Verification

(1) For aircraft Serial No. **9127** to **9149** check the airplane maintenance records to confirm if any affected part has been installed since the airplane date of manufacture as identified on the identification plate of the airplane.

(a) If the maintenance records verification confirms that an affected part has been installed or if it can not be confirmed that an affected part has not been installed then you must test the affected LDL element(s) in accordance with Paragraph 2.B. to 2.H.

(b) If it is confirmed that no affected parts have been installed on aircraft then testing of LDL elements is not required. Go to Paragraph 2.H. Recording, to complete this Service Bulletin.

B. Aircraft Setup

(1) Open the AFT equipment bay access door (311BB).

(2) Remove the AFT fuselage floor−panel (251BLF). Refer to AMM 53−41−01−000−801.

(3) Remove the pylon access panels (412CB, 413DB, 422CB and 423DB). Refer to AMM 54−52−01−000−801.

(4) Set the circuit breakers that follow to LOCKED. Refer to AMM 24−00−00−863−801:

SYSTEM NAME	CIRCUIT BREAKER NAME	BUS NAME
ENGINE	L ENG IGN 1	BATT
ENGINE	L ENG IGN 2	BATT
ENGINE	R ENG IGN 1	BATT
ENGINE	R ENG IGN 2	BATT

(5) Remove the LHS and RHS pre−cooler exchangers. Refer to AMM 36−11−13−000−801.

(6) Remove tailcone access panel (310BZ). Refer to AMM 53−50−01−000−801.

(7) Remove the belly fairing access−panels (185BL, 186BR, 185CL and 186CR). Refer to AMM 53−61−19−000−801.

(8) Remove the main landing gear (MLG) wheel bins (165AZ and 166AZ). Refer to AMM 53−30−01−000−801.

(9) Remove the MLG center fairing panel (185AB). Refer to AMM 53−61−17−000−801.

(10) Remove the under−wing fairings (183AL, 183BL, 184BR and 184AR). Refer to AMM 53−61−05−000−801.

(11) Remove the forward wing−to−fuselage fairings (181AL, 181BL and 182BR). Refer to AMM 53−61−01−000−801.

(12) Connect and energize external AC power. Refer to AMM 24−41−00−861−801.

C. Heat Gun Temperature Verification

WARNING: THE LEAK DETECTION LOOP ELEMENTS MUST NOT BE EXPOSED TO DC VOLTAGES/CURRENTS.

WARNING: HEAT GUN SHOULD NOT BE USED NEAR FLAMMABLE LIQUIDS OR IN AN EXPLOSIVE ENVIRONMENT (FUMES, GASES OR DUST). REMOVE MATERIALS OR DEBRIS THAT MAY BECOME IGNITED FROM WORK AREA.

WARNING: DO NOT LEAVE TOOL UNATTENDED WHILE RUNNING OR COOLING DOWN. OTHERWISE RISK OF FIRE.

CAUTION: DO NOT USE A METER THAT APPLIES A DC VOLTAGE. DO NOT USE INSULATION RESISTANCE “MEGGER” TESTERS OR DIELECTRIC VOLTAGE “HYPOT” TESTERS. THESE WILL DAMAGE THE LEAK DETECTION LOOP ELEMENTS.

CAUTION: WHEN HEATING LEAK DETECTION LOOP ELEMENTS, THE HEAT GUN SHALL BE POSITIONED SUCH THAT THE HEAT IS NOT APPLIED WITHIN 1 INCH (2.5 CM) OF LEAK DETECTION LOOP ELEMENT WHITE GROMMETS.

CAUTION: DO NOT DIRECT HEAT GUN AIRSTREAM AT CLOTHING, HAIR OR OTHER BODY PARTS.

CAUTION: ALWAYS HOLD HEAT GUN BY PLASTIC ENCLOSURE. THE METAL NOZZLE REQUIRES APPROXIMATELY 20 MINUTES TO COOL TO WHERE IT CAN BE TOUCHED. DO NOT TOUCH NOZZLE OR ACCESSORY TIPS UNTIL COOL.

CAUTION: DO NOT STORE HEAT GUN UNTIL NOZZLE HAS COOLED TO ROOM TEMPERATURE. PLACE TOOL IN A CLEAR AREA AWAY FROM COMBUSTIBLE MATERIALS WHILE COOLING.

CAUTION: DO NOT CUT OFF HEAT GUN AIRFLOW BY PLACING NOZZLE TOO CLOSE TO WORK PIECE. KEEP INTAKE VENTS CLEAN AND CLEAR OF OBSTRUCTIONS.

CAUTION: USE SHIELD MATERIALS AROUND THE HEATED AREA TO PREVENT DAMAGE OR FIRE.

CAUTION: PLACE TOOL ON A LEVEL SURFACE WHEN TOOL IS NOT HANDHELD. PLACE CORD IN A POSITION THAT WON'T CAUSE TIPPING. KEEP A FULLY CHARGED FIRE EXTINGUISHER NEARBY.

NOTES:

1. Testing to be performed in a hangar (well ventilated) or tarmac conditions with no precipitation.
2. Do not perform this test procedure when the ambient temperature is below 0°C (32°F).
3. Minimum manpower requirement is two (2). However, a third person may be required to assist with heat gun operation.
4. To ensure that the heat gun temperature is consistent during all testing, this verification procedure shall be performed prior to testing the first sensing element of each alarm set point and repeated after every 4 hours of testing or when the sensing element set point changes or when the ambient conditions in the test location change but not less than once per shift.

(1) The heat gun nozzle deflector shall be securely attached to the heat gun as shown in Figure 1 and Figure 3.

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Figure 1

(2) Connect the thermocouple wire to the digital meter and set the meter to measure temperature in °C. Refer to Figure 2.

SB700−36−6501_024

Figure 2

(3) Place the thermocouple at the center of the heat protection shield (not touching the shield) at the approximate location the 1 or 2 LDL element(s) will be placed. Refer to Figure 3.

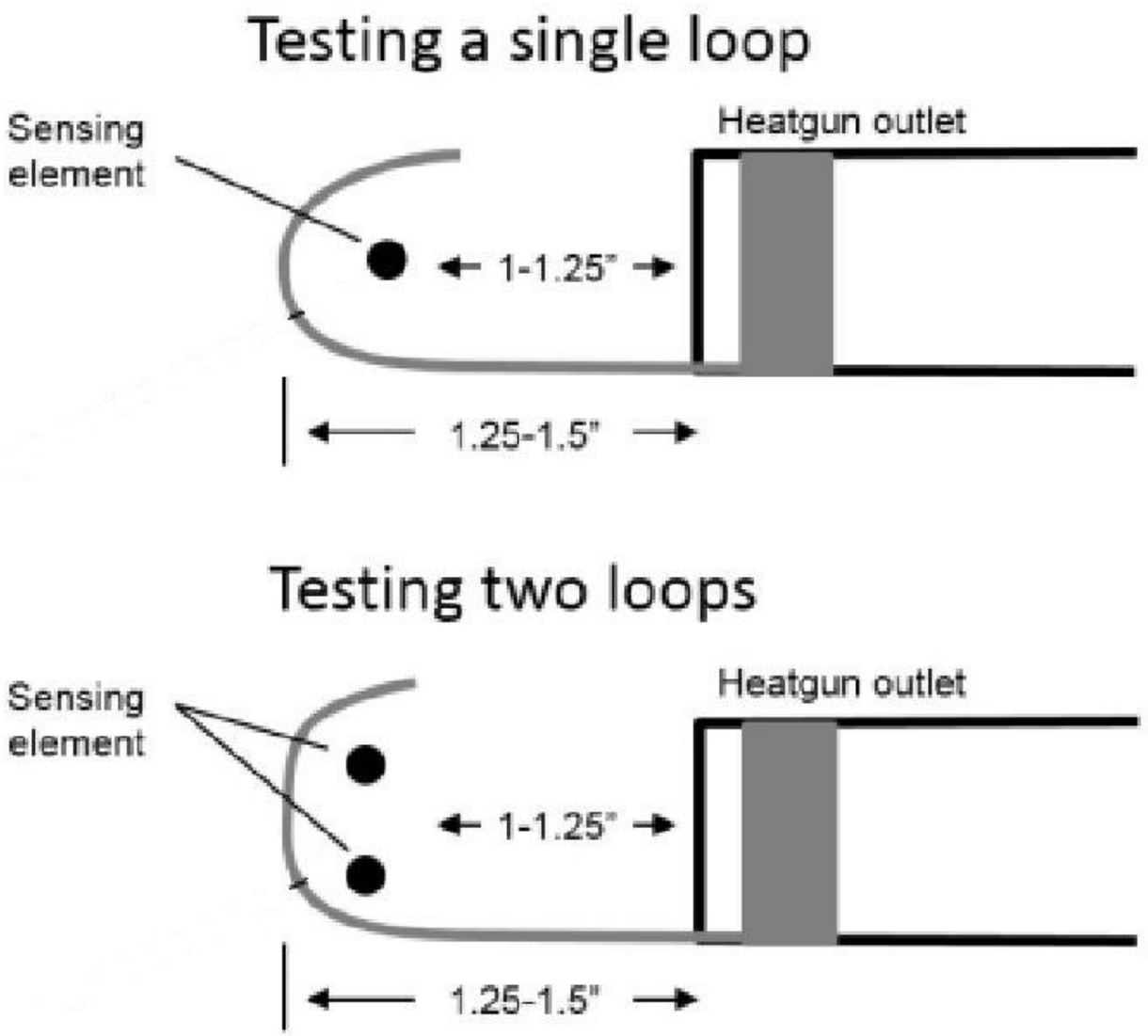

Testing a single loop
Sensing element
Heatgun outlet
1-1.25"
1.25-1.5"
Testing two loops
Sensing element
Heatgun outlet
1-1.25"
1.25-1.5"
SB700−36−6501_023

Figure 3

(4) Turn ON the heat gun and set airflow rate to maximum on the heat gun if the setting is available.

(5) Set the heat gun temperature so that the thermocouple reads the thermocouple test temperature value specified in Table 1 for the correct salt type letter.

(6) Verify and record that the center thermocouple temperature value is within the thermocouple test temperature value tolerance specified in Table 1.

TABLE 1

SALT TYPE	TEMPERATURE SET POINT	THERMOCOUPLE TEMPERATURE 1.05*SP+5°C
A	124°C 255°F	135°C (−0, +17°C) 275°F (−0, +30°F)
C	154°C 310°F	167°C (−0, +17°C) 332°F (−0, +30°F)

NOTES:
1. It is recommended that the heat gun setting temperature be initially set high enough such to achieve a thermocouple test temperature that uses approximately ½ the allowable temperature tolerance defined in Table 1.
2. For heat guns with a digital display, the heat gun display temperature will typically be higher than the temperature at the thermocouple.
3. During heat gun temperature settings calibration to achieve the thermocouple test temperature, the thermocouple temperature will slightly vary up and down according to the thermal regulation of the heat gun. The temperature values recorded should be the average of the observed results.

(7) Move and place the thermocouple approximately 0.33 inch (0.85 cm) from the centerline of the heat protection shield left or right at the approximate location the sensing element will be place as shown in Figure 3.

NOTES:
1. If measuring the 2nd location right of centerline, route thermocouple from the right. If measuring the 2nd location left of centerline, route thermocouple from the left.
2. The heat gun 2nd or off−axis location may be below the lower limit in the Table 1 as the temperature may reduce near the edges left or right of center test position.

(8) Record the second or off−axis thermocouple value.

(9) Calculate the two (2) point average temperature of the center point and second or off−axis thermocouple readings.

EXAMPLE

SALT TYPE LETTER	CENTER THERMOCOUPLE TEMPERATURE (T CENTER)	2ND LOCATION (OFF AXIS) THERMOCOUPLE TEMPERATURE (T 2ND)	2 PT AVERAGE THERMOCOUPLE TEST TEMPERATURE
A	290°F / 143°C	260°F / 127°C	275°F / 135°C
Formula: 2pt Average Thermocouple Test Temperature = (T center + T 2nd)/2 = (290°F + 260°F)/2 = 275°F			

(10) If the above 2 point (pt) average thermocouple test temperature value is not within the tolerance allowed in Table 1 using a center and left off axis position or center and right off axis position, attempt steps (3) through (9) trying the opposite side of the tested center and left or right off axis position until the 2 pt average thermocouple test temperature value is within the tolerance limits. This will mitigate some heat gun variability. If the testing is not successful, replace the heat gun with one with a more uniform output.

NOTE: It is recommended this value be near or approximately at the mid−point of the temperature range defined by the tolerance in Table 1.

D. Flight Compartment Setup

(1) Obey all electrical/electronic safety precautions. Refer to AMM 24−00−00−910−801.

(2) Set aircraft power ON and verify that no L BLEED FAULT, R BLEED FAULT, WING A/ICE FAULT, and TRIM AIR FAULT Advisory CAS messages are displayed.

(3) Conduct BMC initiated Built In Test (IBIT). Refer to AMM 45−45−00−970−804:

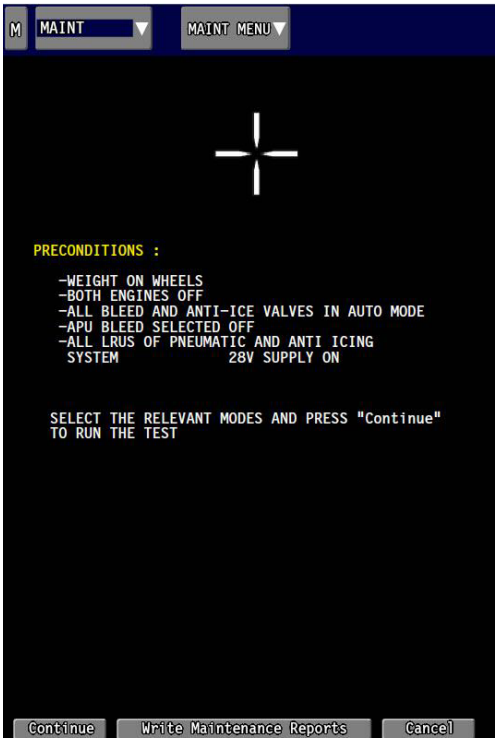
BMC #1 IBIT

- Select BLEED MANAGEMENT CONTROLLER #1 on LRU selection display.
- Select TEST tab and select L BMC TEST.
- Make sure that all preconditions are met and select CONTINUE.
- Verify that no L BLEED FAULT, R BLEED FAULT, WING A/ICE FAULT, and TRIM AIR FAULT Advisory CAS messages are displayed.

BMC #2 IBIT

- Select BLEED MANAGEMENT CONTROLLER #2 on LRU selection display.

- Select TEST tab and select R BMC TEST.
- Make sure that all preconditions are met and select CONTINUE.
- Verify that no L BLEED FAULT, R BLEED FAULT, WING A/ICE FAULT, and TRIM AIR FAULT Advisory CAS messages are displayed.



SB700−36−6501_021

E. Test Procedure

(1) Position one person in the flight compartment to monitor EICAS indications and one or two person at the test site with heat gun. Refer to Appendix C for test site locations.

NOTES: 1. Multiple LDL element locations cannot be tested at once.

2. Operators can begin testing at any LDL element location.

(2) Refer to Appendix B to determine details of LDL elements that are to be tested (includes salt types of LDL elements).

(3) If an LDL element has been marked on one (1) face of its connector hex nut or with a date code outside of A0448 through A2104 (inclusive), then this LDL element DOES NOT require testing (ref LTS VSB CFD−F1958−26−01).

NOTES: 1. For aircraft Serial No. **9127** to **9149** check the airplane maintenance records to confirm if any affected part has been installed since the airplane date of manufacture as identified on the identification plate of the airplane.

If the maintenance records verification confirms that an affected part has been installed or if it can not be confirmed that an affected part has not been installed then you must test the affected LDL element(s) in accordance with Paragraph 2.B. to 2.H.

2. If it is confirmed that no affected parts have been installed on aircraft then testing of LDL elements is not required. Go to Paragraph 2.H. Recording, to complete this Service Bulletin.

(4) Some aircraft have an older LDL element Part No. installed (alternate P/N). These older LDL elements must also be tested and are applicable to the following designators:

- MT174
- MT176
- MT182
- MT196
- MT202

(5) For aircraft equipped with the humidifier system, LDL elements MT147A, MT147B, MT148A and MT148B must be tested.

(6) Depending on salt type of LDL element being tested (ref Appendix A for salt type), set heat gun temperature per Table 1, column 3.

TABLE 1

SALT TYPE	TEMPERATURE SET POINT	THERMOCOUPLE TEMPERATURE 1.05*SP+5°C
A	124°C 255°F	135°C (−0, +17°C) 275°F (−0, +30°F)
C	154°C 310°F	167°C (−0, +17°C) 332°F (−0, +30°F)

(7) Allow the heat gun to preheat for a minimum of 30 seconds to reach the appropriate stable test temperature as stated in column 3 of Table 1. Make sure that the exhaust of the heat gun is directed in a safe direction.

CAUTION: MAKE SURE NOT TO AFFECT THE LEAK DETECTION LOOP ELEMENTS POSITION AND THAT THEY ARE STILL INSTALLED AS PER AMM 36-12-00-910-801.

CAUTION: USE SHIELD MATERIALS AROUND THE HEATED AREA TO PREVENT DAMAGE OR FIRE. APPLY PROTECTIVE BARRIERS IF NECESSARY.

NOTES:
1. PT04: Use caution, the wiring harness is very close to this test point.
2. PT83 and PT85 can be done from the AFT equipment bay door looking FWD on LHS and RHS.
3. PT114: It is acceptable to move the test location 5 in (127 mm) in any direction due to tool access.
4. Test points FWD of pre−cooler (PT54, PT55, PT56) can be done passing by panel 412CB/422CB and using the heat gun without nozzle deflector.

   Test PT54, PT55, PT56 using heat shielding and the single LDL element method.

(8) Position the heat gun at the LDL element test location over both of the LDL elements using the deflector sleeve per Figure 3. Make sure the deflector sleeve is not touching the LDL element.

NOTES:
1. If there is insufficient space to allow the heat gun to heat both LDL element without contact with the LDL element or clashing with surrounding structure/systems, it is permitted to use two heat guns in the same location.
2. For each LDL element, position a heat gun at the LDL element test location over the LDL element using the deflector sleeve per Figure 3. Make sure the defector sleeve is not touching the LDL element).

(9) Heat the LDL element location with heat gun for no more than 120 seconds (2 minutes).

(10) Verify L BLEED LEAK, R BLEED LEAK, TRIM AIR LEAK or WING A/ ICE LEAK EICAS message is posted as applicable depending on the LDL element being tested.

(11) Stop applying heat to LDL element upon EICAS detection or before 120 seconds time−out.

NOTE: If EICAS message does not post, re−position heat gun and repeat heating (steps (8) to (10)) prior to going to step (12), single channel test method.

(12) PASS/FAIL criteria:

(a) PASS: A heated LDL element results in L BLEED LEAK, R BLEED LEAK, TRIM AIR LEAK or WING A/ ICE LEAK EICAS message before the 120 second time−out, as applicable depending on the LDL element being tested.

(b) FAIL: A heated LDL element DOES NOT result in L BLEED LEAK, R BLEED LEAK, TRIM AIR LEAK or WING A/ ICE LEAK EICAS message before the 120 second time−out, as applicable depending on the LDL element being tested. To determine which LDL element has failed, test the failed test point again using the following single channel test procedures.

(i) Depower L BMC CH A and B from EMSCDU. Refer to Appendix B to determine which LDL element is active by depowering L BMC.

(ii) Repeat steps (8) to (10).

(iii) If L BLEED LEAK, R BLEED LEAK, TRIM AIR LEAK or WING A/ ICE LEAK EICAS message is posted before the 120 second time−out, as applicable depending on the LDL element being tested, continue testing on remaining locations of active LDL element. If all locations of active LDL element triggered L BLEED LEAK, R BLEED LEAK, TRIM AIR LEAK or WING A/ ICE LEAK EICAS message before the 120 second time−out, as applicable depending on the LDL element being tested, mark one (1) face of one (1) connector hex nut with one (1) GREEN mark to indicate that the active LDL element has been thermally tested and verified PASS at all locations. Refer to Figure 4.

SOCKET TYPE END

PIN TYPE END

Figure 4

(iv) If LDL element fails due to the 120 second time−out, then the LDL element must be removed. The failed LDL element to be red tagged and removed from aircraft. Serviceable LDL element (per LTS VSB CFD−F1958−26−01) shall be installed. Refer to applicable chapter of AMM 36−12−01.

NOTE: It is prohibited to install any failed LDL element.

a If a LDL element fails, mark the LDL element as failed in Appendix A and record the LDL element Serial No. and Batch No./Date Code in Appendix A.

b If material coverage is required due to part failure, a scrap certificate will be required. Claims will not be approved without the necessary scrap certificate. Please see scrap certificate form attached with Service Bulletin.

(v) Power L BMC CH A and CH B and depower R BMC CH A and CH B from EMSCDU. Refer to Appendix B to determine which LDL element is active by depowering R BMC.

(vi) Repeat steps (8) to (10).

(vii) If R BLEED LEAK, L BLEED LEAK, TRIM AIR LEAK or WING A/ ICE LEAK EICAS message is posted before the 120 second time−out, as applicable depending on the LDL element being tested, continue testing on remaining locations of active LDL element. If all locations of active LDL element triggered R BLEED LEAK, L BLEED LEAK, TRIM AIR LEAK or WING A/ ICE LEAK EICAS message before the 120 second time−out, as applicable depending on the LDL element being tested, mark one (1) face of one (1) connector hex nut with one (1) GREEN mark to indicate that the active LDL element has been thermally tested and verified PASS at all locations. Refer to Figure 4.

(viii) If a LDL element fails due to the 120 second time−out, then the LDL element must be removed. The failed LDL element to be red tagged and removed from aircraft. Serviceable LDL element (per LTS VSB CFD−F1958−26−01) shall be installed. Refer to applicable chapter of AMM 36−12−01.

NOTE: It is prohibited to install any failed LDL element.

a If a LDL element fails, mark the LDL element as failed in Appendix A and record the LDL element Serial No. and Batch No./Date Code in Appendix A.

b If material coverage is required due to part failure, a scrap certificate will be required. Claims will not be approved without the necessary scrap certificate. Please see scrap certificate form attached with Service Bulletin.

(ix) Power R BMC CH A and CH B from EMSCDU.

(13) To reset the faults, do as follows then proceed to step 14:

(a) For TRIM AIR LEAK select Trim AIR switch to OFF and back to ON.

(b) For L or R BLEED LEAK select L **and** R ENGINE BLEED switches to OFF and back to AUTO.

(c) For WING A/ICE LEAK select WING A/ICE to OFF and back to AUTO.

NOTE: If fault does not clear, wait 10 seconds and do the reset procedure again.

(14) Repeat steps (2) to (13) until each paired LDL element test location presented in Appendix C is tested and results recorded in Appendix A. Remove any protection thermal blankets or protection aids and advance to the next LDL element candidate to be tested.

(15) For each LDL element that has been thermally tested and verified PASS at all test locations shown in Appendix C, mark one (1) face of one connector hex nut with one (1) GREEN mark. Refer to Figure 4.

(16) When testing is completed, turn off heat gun.

F. Testing

(1) Test procedure is part of the pre−cooler installation task in Paragraph 2.G.(9). Refer to AMM 36−11−13−400−801.

G. Close−out

(1) Remove all tools, equipment and unwanted materials from the aircraft.

(2) Remove external AC power. Refer to AMM 24−41−00−861−802.

(3) Install the forward wing−to−fuselage fairings (181AL, 181BL and 182BR). Refer to AMM 53−61−01−400−801.

(4) Install the under−wing fairings (183AL, 183BL, 184BR and 184AR). Refer to AMM 53−61−05−400−801.

(5) Install the MLG wheel bins (165AZ and 166AZ). Refer to AMM 53−30−01−400−801.

(6) Install the MLG center fairing panel (185AB). Refer to AMM 53−61−17−400−801.

(7) Install the belly fairing access−panels (185BL, 186BR, 185CL and 186CR). Refer to AMM 53−61−19−400−801.

(8) Install tailcone access panel (310BZ). Refer to AMM 53−50−01−400−801.

(9) Install the LHS and RHS pre−cooler exchangers. Refer to AMM 36−11−13−400−801.

(10) Set the circuit breakers that follow to IN. Refer to AMM 24−00−00−863−802:

SYSTEM NAME	CIRCUIT BREAKER NAME	BUS NAME
ENGINE	L ENG IGN 1	BATT
ENGINE	L ENG IGN 2	BATT
ENGINE	R ENG IGN 1	BATT
ENGINE	R ENG IGN 2	BATT

(11) Install the pylon access panels (412CB, 413DB, 422CB and 423DB). Refer to AMM 54−52−01−400−801.

(12) Install the AFT fuselage floor−panel (251BLF). Refer to AMM 53−41−01−400−801.

(13) Close the AFT equipment bay access door (311BB).

H. Recording

When this Service Bulletin is completed, make an entry in the aircraft log and send the attached Incorporation Notice to Bombardier Business Aircraft Customer Services (BBACS).

For information, corrections, comments and/or feedback regarding Service Bulletins released on the Customer Portal, please contact the Service Bulletin Group at the following email address:

bbad_SBgroup@aero.bombardier.com

3. MATERIAL INFORMATION

A. Kit

No kits required.

B. Parts

The parts that follow may be necessary to do this Service Bulletin and are available from Bombardier Aviation Parts Services, Montreal:

NEW PART NO.	QTY	ITEM	USED PART NO.	INSTRUCTIONS - DISPOSITION
GG474−1022−1	4	Gasket	GG474−1022−1	Discard
GG584−1030−1	A/R	LDL element	GG584−1030−1	Refer to Paragraph 1.G.

NEW PART NO.	QTY	ITEM	USED PART NO.	INSTRUCTIONS - DISPOSITION
GG584−1030−3	A/R	LDL element	GG584−1030−3	Refer to Paragraph 1.G.
GG584−1030−4	A/R	LDL element	GG584−1030−4	Refer to Paragraph 1.G.
GG584−1031−1	A/R	LDL element	GG584−1031−1	Refer to Paragraph 1.G.
GG584−1031−2	A/R	LDL element	GG584−1031−2	Refer to Paragraph 1.G.
GG584−1037−1	A/R	LDL element	GG584−1037−1	Refer to Paragraph 1.G.
GG584−1037−3	A/R	LDL element	GG584−1037−3	Refer to Paragraph 1.G.
GG584−1039−3	A/R	LDL element	GG584−1039−3	Refer to Paragraph 1.G.
GG584−1039−5	A/R	LDL element	GG584−1039−5	Refer to Paragraph 1.G.
GG584−1039−6	A/R	LDL element	GG584−1039−6	Refer to Paragraph 1.G.
GG584−1040−1	A/R	LDL element	GG584−1040−1	Refer to Paragraph 1.G.
GG584−1040−3	A/R	LDL element	GG584−1040−3	Refer to Paragraph 1.G.
GG584−1041−1	A/R	LDL element	GG584−1041−1	Refer to Paragraph 1.G.
GG584−1041−2	A/R	LDL element	GG584−1041−2	Refer to Paragraph 1.G.
GG584−1041−3	A/R	LDL element	GG584−1041−3	Refer to Paragraph 1.G.
GG584−1042−3	A/R	LDL element	GG584−1042−3	Refer to Paragraph 1.G.
GG584−1043−7	A/R	LDL element	GG584−1043−7	Refer to Paragraph 1.G.

NEW PART NO.	QTY	ITEM	USED PART NO.	INSTRUCTIONS - DISPOSITION
GG584−1044−3	A/R	LDL element	GG584−1044−3	Refer to Paragraph 1.G.
GG584−1045−3	A/R	LDL element	GG584−1045−3	Refer to Paragraph 1.G.
GG584−1046−3	A/R	LDL element	GG584−1046−3	Refer to Paragraph 1.G.
GG584−1046−4	A/R	LDL element	GG584−1046−4	Refer to Paragraph 1.G.
GG584−1048−1	A/R	LDL element	GG584−1048−1	Refer to Paragraph 1.G.
GG584−1048−3	A/R	LDL element	GG584−1048−3	Refer to Paragraph 1.G.
GG584−1049−1	A/R	LDL element	GG584−1049−1	Refer to Paragraph 1.G.
GG584−1049−3	A/R	LDL element	GG584−1049−3	Refer to Paragraph 1.G.
GG584−1050−3	A/R	LDL element	GG584−1050−3	Refer to Paragraph 1.G.
GG584−1051−3	A/R	LDL element	GG584−1051−3	Refer to Paragraph 1.G.
GG584−1052−1	A/R	LDL element	GG584−1052−1	Refer to Paragraph 1.G.
GG584−1053−1	A/R	LDL element	GG584−1053−1	Refer to Paragraph 1.G.
GG584−2118−1	A/R	LDL element	GG584−2118−1	Refer to Paragraph 1.G.
GG584−2118−3	A/R	LDL element	GG584−2118−3	Refer to Paragraph 1.G.

NOTES: 1. The part numbers for the items listed above are subject to change without revision to this Service Bulletin. In case of discrepancy between this list and any other list, the Illustrated Parts Catalog prevails and shall be used to determine the latest part number.

2. If material coverage is required due to part failure, a scrap certificate will be required. Claims will not be approved without the necessary scrap certificate. Please see scrap certificate form attached with Service Bulletin.

C. Material

The materials that follow, or equivalent, are necessary to do this Service Bulletin. These can be purchased from a local supplier. Bombardier Aviation does not pay for these consumables.

DESCRIPTION	PART NO./NAME	SPECIFICATION	QUANTITY	SUPPLIER (SEE NOTE)
Compound, Sealing, Low Shrinkage, Pressure and Environmental	AC−665 B−1/2, B−2	−	As Necessary	Code: A
Compound, Sealing, Non Chromated, Pressure and Environmental	AC−735 B−2 AC−380 B−1/2, B−2	−	As Necessary	Code: A
Tape, Polyurethane Protective	8681	−	As Necessary	Code: A
Compound, Leak Detection, Oxygen Systems	−	MIL−PRF−25567 Type I	As Necessary	Code: B
Protective Coating	Humiseal 1B15	−	As Necessary	Code: C
RTV Silicone, High Temperature	−	MIL−A−46106 Type I, Grade III	As Necessary	Code: D
Sealant, Heat Resistant	RTV 736	−	As Necessary	Code: D
PTFE Release Agent, Liquid Form	MS−143H MS−143TE MS−143XD	−	As Necessary	Code: E

DESCRIPTION	PART NO./NAME	SPECIFICATION	QUANTITY	SUPPLIER (SEE NOTE)
Seal and Coat Compound	Pro Seal 870 CL A	MIL−PRF−81733 Type I, Class 1, Grade A	As Necessary	Code: F
Seal and Coat Compound	Pro Seal 870 CL B	MIL−PRF−81733 Type II, Class 1, Grade A	As Necessary	Code: F
Sealing, Compound	PR1428 B1/2	−	As Necessary	Code: F
Cloth, Cleaning, Low−Lint	−	−	As Necessary	Code: G
Lockwire	CRES 0.032 in (0.81 mm)	MS20995C32	As Necessary	Code: G
Oil, Lubricating	Brayco 885 Cosmolubric 270−A Royco 885 Univis P−12	MIL−L−6085	As Necessary	Code: G
Synthetic Detergent, Liquid Form (Compound to Hand−Wash Dishes)	P−D−410	Type II	As Necessary	Code: G
Tape, Cellular Foam, Silicone	HT−805A	−	As Necessary	Code: G
Tape, Insulation, High Temperature, Glass Fiber	−	MIL−I−19166	As Necessary	Code: G
Tape, Liquid Barrier (Water Seal)	P−306L	−	As Necessary	Code: G

DESCRIPTION	PART NO./NAME	SPECIFICATION	QUANTITY	SUPPLIER (SEE NOTE)
Tape, PTFE Sealant	AMS 3255	Class 2	As Necessary	Code: G

NOTES:
1. Refer to the table that follows for each suppliers address listed by codes.
2. The Curing Time (CT), if applicable, for each consumable material is indicated with the description of each product.
3. At time of release of this Service Bulletin, the information on the supplier was valid and accurate. In the event that this information has changed, the operator is encouraged to use the World Wide Web to find a local supplier.

SUPPLIERS ADDRESSES BY CODES	
Code: A 3M Specialty Adhesives 3211 Chestnut Expressway E. Springfield, MO U.S.A., 68502 Tel.: (417) 869−3501 www.3M.com	**Code: B** American Gas & Chemical Co. Ltd. 220 Pegasus Ave. Northvale, NJ U.S.A., 07647−1904 Tel.: (201) 767−7300 www.amgas.com
Code: C Chase Corporation 201 Zeta Drive Pittsburgh, PA U.S.A., 15238 Tel.: (412) 828−1500 www.chasecorp.com	**Code: D** Dow Corning 760 Hodgenville Road Elizabethtown, KY U.S.A., 42701 Tel.: (270) 706−8100 www.dow.com
Code: E Miller Stephenson Chemical Co. 55 Backus Ave. Danbury, CT U.S.A., 06810−7328 Tel.: (203) 743−4447 www.miller−stephenson.com	**Code: F** PRC−Desoto Intl. 11601 United St. Mojave, CA U.S.A., 93501−7048 Tel.: (661) 678−4209 www.ppgaerospace.com

SUPPLIERS ADDRESSES BY CODES
Code: G Commercially Available

D. Publications

No publications required.

APPENDIX A − TEST RESULTS								
LOCATION	**DESIGNATOR**	**LDL A (BMC 1) LDL B (BMC 2)**	**LDL ELEMENT PART NUMBER**	**LDL ELEMENT SERIAL NUMBER (Required for failed units only)**	**BATCH NUMBER/DATE CODE (Required for failed units only)**	**PASS/FAIL**	**ZONE**	**SALT TYPE**
PT01	MT202	LDL A	GG584−1030−1				R BLEED	A
			GG584−1046−3 (Alternate P/N)				R BLEED	A
	MT182	LDL B	GG584−1030−1				R BLEED	A
			GG584−1046−3 (Alternate P/N)				R BLEED	A
PT02	MT202	LDL A	GG584−1030−1				R BLEED	A
			GG584−1046−3 (Alternate P/N)				R BLEED	A
	MT182	LDL B	GG584−1030−1				R BLEED	A
			GG584−1046−3 (Alternate P/N)				R BLEED	A
PT03	MT202	LDL A	GG584−1030−1				R BLEED	A
			GG584−1046−3 (Alternate P/N)				R BLEED	A
	MT182	LDL B	GG584−1030−1				R BLEED	A
			GG584−1046−3 (Alternate P/N)				R BLEED	A
PT04	MT202	LDL A	GG584−1030−1				R BLEED	A
			GG584−1046−3 (Alternate P/N)				R BLEED	A
	MT182	LDL B	GG584−1030−1				R BLEED	A
			GG584−1046−3 (Alternate P/N)				R BLEED	A
PT05	MT202	LDL A	GG584−1030−1				R BLEED	A
			GG584−1046−3 (Alternate P/N)				R BLEED	A
	MT182	LDL B	GG584−1030−1				R BLEED	A
			GG584−1046−3 (Alternate P/N)				R BLEED	A
PT06	MT202	LDL A	GG584−1030−1				R BLEED	A
			GG584−1046−3 (Alternate P/N)				R BLEED	A
	MT182	LDL B	GG584−1030−1				R BLEED	A
			GG584−1046−3 (Alternate P/N)				R BLEED	A

APPENDIX A − TEST RESULTS								
LOCATION	**DESIGNATOR**	**LDL A (BMC 1) LDL B (BMC 2)**	**LDL ELEMENT PART NUMBER**	**LDL ELEMENT SERIAL NUMBER (Required for failed units only)**	**BATCH NUMBER/DATE CODE (Required for failed units only)**	**PASS/FAIL**	**ZONE**	**SALT TYPE**
PT07	MT202	LDL A	GG584−1030−1				R BLEED	A
			GG584−1046−3 (Alternate P/N)				R BLEED	A
	MT182	LDL B	GG584−1030−1				R BLEED	A
			GG584−1046−3 (Alternate P/N)				R BLEED	A
PT08	MT202	LDL A	GG584−1030−1				R BLEED	A
			GG584−1046−3 (Alternate P/N)				R BLEED	A
	MT182	LDL B	GG584−1030−1				R BLEED	A
			GG584−1046−3 (Alternate P/N)				R BLEED	A
PT09	MT202	LDL A	GG584−1030−1				R BLEED	A
			GG584−1046−3 (Alternate P/N)				R BLEED	A
	MT182	LDL B	GG584−1030−1				R BLEED	A
			GG584−1046−3 (Alternate P/N)				R BLEED	A
PT10	MT202	LDL A	GG584−1030−1				R BLEED	A
			GG584−1046−3 (Alternate P/N)				R BLEED	A
	MT182	LDL B	GG584−1030−1				R BLEED	A
			GG584−1046−3 (Alternate P/N)				R BLEED	A
PT11	MT202	LDL A	GG584−1030−1				R BLEED	A
			GG584−1046−3 (Alternate P/N)				R BLEED	A
	MT182	LDL B	GG584−1030−1				R BLEED	A
			GG584−1046−3 (Alternate P/N)				R BLEED	A
PT12	MT202	LDL A	GG584−1030−1				R BLEED	A
			GG584−1046−3 (Alternate P/N)				R BLEED	A
	MT182	LDL B	GG584−1030−1				R BLEED	A
			GG584−1046−3 (Alternate P/N)				R BLEED	A

APPENDIX A − TEST RESULTS								
LOCATION	**DESIGNATOR**	**LDL A (BMC 1) LDL B (BMC 2)**	**LDL ELEMENT PART NUMBER**	**LDL ELEMENT SERIAL NUMBER (Required for failed units only)**	**BATCH NUMBER/DATE CODE (Required for failed units only)**	**PASS/FAIL**	**ZONE**	**SALT TYPE**
PT13	MT202	LDL A	GG584−1030−1				R BLEED	A
			GG584−1046−3 (Alternate P/N)				R BLEED	A
	MT182	LDL B	GG584−1030−1				R BLEED	A
			GG584−1046−3 (Alternate P/N)				R BLEED	A
PT14	MT194	LDL A	GG584−1037−1				L BLEED	A
	MT174	LDL B	GG584−1045−3				L BLEED	A
			GG584−1042−3 (Alternate P/N)				L BLEED	A
PT15	MT194	LDL A	GG584−1037−1				L BLEED	A
	MT174	LDL B	GG584−1045−3				L BLEED	A
			GG584−1042−3 (Alternate P/N)				L BLEED	A
PT16	MT194	LDL A	GG584−1037−1				L BLEED	A
	MT174	LDL B	GG584−1045−3				L BLEED	A
			GG584−1042−3 (Alternate P/N)				L BLEED	A
PT17	MT194	LDL A	GG584−1037−1				L BLEED	A
	MT174	LDL B	GG584−1045−3				L BLEED	A
			GG584−1042−3 (Alternate P/N)				L BLEED	A
PT18	MT194	LDL A	GG584−1037−1				L BLEED	A
	MT174	LDL B	GG584−1045−3				L BLEED	A
			GG584−1042−3 (Alternate P/N)				L BLEED	A

APPENDIX A – TEST RESULTS								
LOCATION	**DESIGNATOR**	**LDL A (BMC 1) LDL B (BMC 2)**	**LDL ELEMENT PART NUMBER**	**LDL ELEMENT SERIAL NUMBER (Required for failed units only)**	**BATCH NUMBER/DATE CODE (Required for failed units only)**	**PASS/FAIL**	**ZONE**	**SALT TYPE**
PT19	MT196	LDL A	GG584−1053−1				L BLEED	A
			GG584−1045−3 (Alternate P/N)				L BLEED	A
	MT176	LDL B	GG584−1053−1				L BLEED	A
			GG584−1045−3 (Alternate P/N)				L BLEED	A
PT20	MT195	LDL A	GG584−1043−7				L BLEED	C
	MT175	LDL B	GG584−1043−7				L BLEED	C
PT21	MT195	LDL A	GG584−1043−7				L BLEED	C
	MT175	LDL B	GG584−1043−7				L BLEED	C
PT22	MT195	LDL A	GG584−1043−7				L BLEED	C
	MT175	LDL B	GG584−1043−7				L BLEED	C
PT23	MT195	LDL A	GG584−1043−7				L BLEED	C
	MT175	LDL B	GG584−1043−7				L BLEED	C
PT24	MT195	LDL A	GG584−1043−7				L BLEED	C
	MT175	LDL B	GG584−1043−7				L BLEED	C

APPENDIX A − TEST RESULTS								
LOCATION	**DESIGNATOR**	**LDL A (BMC 1) LDL B (BMC 2)**	**LDL ELEMENT PART NUMBER**	**LDL ELEMENT SERIAL NUMBER (Required for failed units only)**	**BATCH NUMBER/DATE CODE (Required for failed units only)**	**PASS/FAIL**	**ZONE**	**SALT TYPE**
PT25	MT196	LDL A	GG584−1053−1				L BLEED	A
			GG584−1045−3 (Alternate P/N)				L BLEED	A
	MT176	LDL B	GG584−1053−1				L BLEED	A
			GG584−1045−3 (Alternate P/N)				L BLEED	A
PT26	MT196	LDL A	GG584−1053−1				L BLEED	A
			GG584−1045−3 (Alternate P/N)				L BLEED	A
	MT176	LDL B	GG584−1053−1				L BLEED	A
			GG584−1045−3 (Alternate P/N)				L BLEED	A
PT27	MT196	LDL A	GG584−1053−1				L BLEED	A
			GG584−1045−3 (Alternate P/N)				L BLEED	A
	MT176	LDL B	GG584−1053−1				L BLEED	A
			GG584−1045−3 (Alternate P/N)				L BLEED	A
PT28	MT196	LDL A	GG584−1053−1				L BLEED	A
			GG584−1045−3 (Alternate P/N)				L BLEED	A
	MT176	LDL B	GG584−1053−1				L BLEED	A
			GG584−1045−3 (Alternate P/N)				L BLEED	A
PT29	MT196	LDL A	GG584−1053−1				L BLEED	A
			GG584−1045−3 (Alternate P/N)				L BLEED	A
	MT176	LDL B	GG584−1053−1				L BLEED	A
			GG584−1045−3 (Alternate P/N)				L BLEED	A
PT30	MT196	LDL A	GG584−1053−1				L BLEED	A
			GG584−1045−3 (Alternate P/N)				L BLEED	A
	MT176	LDL B	GG584−1053−1				L BLEED	A
			GG584−1045−3 (Alternate P/N)				L BLEED	A

APPENDIX A – TEST RESULTS								
LOCATION	**DESIGNATOR**	**LDL A (BMC 1) LDL B (BMC 2)**	**LDL ELEMENT PART NUMBER**	**LDL ELEMENT SERIAL NUMBER (Required for failed units only)**	**BATCH NUMBER/DATE CODE (Required for failed units only)**	**PASS/FAIL**	**ZONE**	**SALT TYPE**
PT31	MT196	LDL A	GG584−1053−1				L BLEED	A
			GG584−1045−3 (Alternate P/N)				L BLEED	A
	MT176	LDL B	GG584−1053−1				L BLEED	A
			GG584−1045−3 (Alternate P/N)				L BLEED	A
PT32	MT196	LDL A	GG584−1053−1				L BLEED	A
			GG584−1045−3 (Alternate P/N)				L BLEED	A
	MT176	LDL B	GG584−1053−1				L BLEED	A
			GG584−1045−3 (Alternate P/N)				L BLEED	A
PT33	MT148	LDL A	GG584−1048−3				TRIM	A
	MT148B	LDL A	GG584−1037−3 (Humidifier option)				TRIM	A
	MT147	LDL B	GG584−1048−1				TRIM	A
	MT147B	LDL B	GG584−1037−3 (Humidifier option)				TRIM	A
PT34	MT148	LDL A	GG584−1048−3				TRIM	A
	MT148A	LDL A	GG584−2118−3 (Humidifier option)				TRIM	A
	MT147	LDL B	GG584−1048−1				TRIM	A
	MT147A	LDL B	GG584−2118−1 (Humidifier option)				TRIM	A

APPENDIX A − TEST RESULTS								
LOCATION	**DESIGNATOR**	**LDL A (BMC 1) LDL B (BMC 2)**	**LDL ELEMENT PART NUMBER**	**LDL ELEMENT SERIAL NUMBER (Required for failed units only)**	**BATCH NUMBER/DATE CODE (Required for failed units only)**	**PASS/FAIL**	**ZONE**	**SALT TYPE**
PT35	MT148	LDL A	GG584−1048−3				TRIM	A
	MT148A	LDL A	GG584−2118−3 (Humidifier option)				TRIM	A
	MT147	LDL B	GG584−1048−1				TRIM	A
	MT147A	LDL B	GG584−2118−1 (Humidifier option)				TRIM	A
PT36	MT148	LDL A	GG584−1048−3				TRIM	A
	MT148A	LDL A	GG584−2118−3 (Humidifier option)				TRIM	A
	MT147	LDL B	GG584−1048−1				TRIM	A
	MT147A	LDL B	GG584−2118−1 (Humidifier option)				TRIM	A
PT37	MT210	LDL A	GG584−1037−3				TRIM	A
	MT190	LDL B	GG584−1049−3				TRIM	A
PT38	MT210	LDL A	GG584−1037−3				TRIM	A
	MT190	LDL B	GG584−1049−3				TRIM	A
PT39	MT210	LDL A	GG584−1037−3				TRIM	A
	MT190	LDL B	GG584−1049−3				TRIM	A
PT40	MT210	LDL A	GG584−1037−3				TRIM	A
	MT190	LDL B	GG584−1049−3				TRIM	A

APPENDIX A − TEST RESULTS								
LOCATION	**DESIGNATOR**	**LDL A (BMC 1) LDL B (BMC 2)**	**LDL ELEMENT PART NUMBER**	**LDL ELEMENT SERIAL NUMBER (Required for failed units only)**	**BATCH NUMBER/DATE CODE (Required for failed units only)**	**PASS/FAIL**	**ZONE**	**SALT TYPE**
PT41	MT210	LDL A	GG584−1037−3				TRIM	A
	MT190	LDL B	GG584−1049−3				TRIM	A
PT42	MT210	LDL A	GG584−1037−3				TRIM	A
	MT190	LDL B	GG584−1049−3				TRIM	A
PT43	MT210	LDL A	GG584−1037−3				TRIM	A
	MT190	LDL B	GG584−1049−3				TRIM	A
PT44	MT210	LDL A	GG584−1037−3				TRIM	A
	MT190	LDL B	GG584−1049−3				TRIM	A
PT45	MT101	LDL A	GG584−1049−1				TRIM	A
	MT102	LDL B	GG584−1049−1				TRIM	A
PT46	MT101	LDL A	GG584−1049−1				TRIM	A
	MT102	LDL B	GG584−1049−1				TRIM	A
PT47	MT101	LDL A	GG584−1049−1				TRIM	A
	MT102	LDL B	GG584−1049−1				TRIM	A
PT48	MT101	LDL A	GG584−1049−1				TRIM	A
	MT102	LDL B	GG584−1049−1				TRIM	A
PT49	MT101	LDL A	GG584−1049−1				TRIM	A
	MT102	LDL B	GG584−1049−1				TRIM	A
PT50	MT101	LDL A	GG584−1049−1				TRIM	A
	MT102	LDL B	GG584−1049−1				TRIM	A
PT51	MT201	LDL A	GG584−1040−1				R BLEED	A
	MT181	LDL B	GG584−1041−3				R BLEED	A
PT52	MT201	LDL A	GG584−1040−1				R BLEED	A
	MT181	LDL B	GG584−1041−3				R BLEED	A
PT53	MT193	LDL A	GG584−1039−5				L BLEED	A
	MT173	LDL B	GG584−1040−1				L BLEED	A
PT54	MT193	LDL A	GG584−1039−5				L BLEED	A
	MT173	LDL B	GG584−1040−1				L BLEED	A
PT55	MT201	LDL A	GG584−1040−1				R BLEED	A
	MT181	LDL B	GG584−1041−3				R BLEED	A

APPENDIX A − TEST RESULTS								
LOCATION	**DESIGNATOR**	**LDL A (BMC 1) LDL B (BMC 2)**	**LDL ELEMENT PART NUMBER**	**LDL ELEMENT SERIAL NUMBER (Required for failed units only)**	**BATCH NUMBER/DATE CODE (Required for failed units only)**	**PASS/FAIL**	**ZONE**	**SALT TYPE**
PT56	MT193	LDL A	GG584−1039−5				L BLEED	A
	MT173	LDL B	GG584−1040−1				L BLEED	A
PT57	MT104	LDL A	GG584−1049−1				R BLEED	A
	MT106	LDL B	GG584−1049−1				R BLEED	A
PT58	MT199	LDL A	GG584−1039−6				R BLEED	A
	MT179	LDL B	GG584−1041−1				R BLEED	A
PT59	MT200	LDL A	GG584−1046−4				R BLEED	A
	MT180	LDL B	GG584−1051−3				R BLEED	A
PT60	MT192	LDL A	GG584−1041−2				L BLEED	A
	MT172	LDL B	GG584−1046−3				L BLEED	A
PT61	MT191	LDL A	GG584−1040−3				L BLEED	A
	MT171	LDL B	GG584−1037−3				L BLEED	A
PT62	MT191	LDL A	GG584−1040−3				L BLEED	A
	MT171	LDL B	GG584−1037−3				L BLEED	A
PT63	MT192	LDL A	GG584−1041−2				L BLEED	A
	MT172	LDL B	GG584−1046−3				L BLEED	A
PT64	MT192	LDL A	GG584−1041−2				L BLEED	A
	MT172	LDL B	GG584−1046−3				L BLEED	A
PT65	MT192	LDL A	GG584−1041−2				L BLEED	A
	MT172	LDL B	GG584−1046−3				L BLEED	A
PT66	MT200	LDL A	GG584−1046−4				R BLEED	A
	MT180	LDL B	GG584−1051−3				R BLEED	A
PT67	MT200	LDL A	GG584−1046−4				R BLEED	A
	MT180	LDL B	GG584−1051−3				R BLEED	A
PT68	MT200	LDL A	GG584−1046−4				R BLEED	A
	MT180	LDL B	GG584−1051−3				R BLEED	A
PT69	MT191	LDL A	GG584−1040−3				L BLEED	A
	MT171	LDL B	GG584−1037−3				L BLEED	A
PT70	MT191	LDL A	GG584−1040−3				L BLEED	A
	MT171	LDL B	GG584−1037−3				L BLEED	A

APPENDIX A − TEST RESULTS								
LOCATION	**DESIGNATOR**	**LDL A (BMC 1) LDL B (BMC 2)**	**LDL ELEMENT PART NUMBER**	**LDL ELEMENT SERIAL NUMBER (Required for failed units only)**	**BATCH NUMBER/DATE CODE (Required for failed units only)**	**PASS/FAIL**	**ZONE**	**SALT TYPE**
PT71	MT191	LDL A	GG584−1040−3				L BLEED	A
	MT171	LDL B	GG584−1037−3				L BLEED	A
PT72	MT199	LDL A	GG584−1039−6				R BLEED	A
	MT179	LDL B	GG584−1041−1				R BLEED	A
PT73	MT199	LDL A	GG584−1039−6				R BLEED	A
	MT179	LDL B	GG584−1041−1				R BLEED	A
PT74	MT199	LDL A	GG584−1039−6				R BLEED	A
	MT179	LDL B	GG584−1041−1				R BLEED	A
PT75	MT191	LDL A	GG584−1040−3				L BLEED	A
	MT171	LDL B	GG584−1037−3				L BLEED	A
PT76	MT191	LDL A	GG584−1040−3				L BLEED	A
	MT171	LDL B	GG584−1037−3				L BLEED	A
PT77	MT191	LDL A	GG584−1040−3				L BLEED	A
	MT171	LDL B	GG584−1037−3				L BLEED	A
PT78	MT104	LDL A	GG584−1049−1				R BLEED	A
	MT106	LDL B	GG584−1049−1				R BLEED	A
PT79	MT104	LDL A	GG584−1049−1				R BLEED	A
	MT106	LDL B	GG584−1049−1				R BLEED	A
PT80	MT103	LDL A	GG584−1039−3				L BLEED	A
	MT105	LDL B	GG584−1037−3				L BLEED	A
PT81	MT104	LDL A	GG584−1049−1				R BLEED	A
	MT106	LDL B	GG584−1049−1				R BLEED	A
PT82	MT205	LDL A	GG584−1031−2				R BLEED	A
	MT185	LDL B	GG584−1031−2				R BLEED	A
PT83	MT104	LDL A	GG584−1049−1				R BLEED	A
	MT106	LDL B	GG584−1049−1				R BLEED	A
PT84	MT208	LDL A	GG584−1031−1				L BLEED	A
	MT188	LDL B	GG584−1031−1				L BLEED	A
PT85	MT103	LDL A	GG584−1039−3				L BLEED	A
	MT105	LDL B	GG584−1037−3				L BLEED	A

APPENDIX A − TEST RESULTS								
LOCATION	**DESIGNATOR**	**LDL A (BMC 1) LDL B (BMC 2)**	**LDL ELEMENT PART NUMBER**	**LDL ELEMENT SERIAL NUMBER (Required for failed units only)**	**BATCH NUMBER/DATE CODE (Required for failed units only)**	**PASS/FAIL**	**ZONE**	**SALT TYPE**
PT86	MT103	LDL A	GG584−1039−3				L BLEED	A
	MT105	LDL B	GG584−1037−3				L BLEED	A
PT87	MT104	LDL A	GG584−1049−1				R BLEED	A
	MT106	LDL B	GG584−1049−1				R BLEED	A
PT88	MT209	LDL A	GG584−1044−3				L BLEED	A
	MT189	LDL B	GG584−1044−3				L BLEED	A
PT89	MT206	LDL A	GG584−1050−3				R BLEED	A
	MT186	LDL B	GG584−1050−3				R BLEED	A
PT90	MT209	LDL A	GG584−1044−3				L BLEED	A
	MT189	LDL B	GG584−1044−3				L BLEED	A
PT91	MT206	LDL A	GG584−1050−3				R BLEED	A
	MT186	LDL B	GG584−1050−3				R BLEED	A
PT92	MT209	LDL A	GG584−1044−3				L BLEED	A
	MT189	LDL B	GG584−1044−3				L BLEED	A
PT93	MT206	LDL A	GG584−1050−3				R BLEED	A
	MT186	LDL B	GG584−1050−3				R BLEED	A
PT94	MT209	LDL A	GG584−1044−3				L BLEED	A
	MT189	LDL B	GG584−1044−3				L BLEED	A
PT95	MT208	LDL A	GG584−1031−1				L BLEED	A
	MT188	LDL B	GG584−1031−1				L BLEED	A
PT96	MT205	LDL A	GG584−1031−2				R BLEED	A
	MT185	LDL B	GG584−1031−2				R BLEED	A
PT97	MT208	LDL A	GG584−1031−1				L BLEED	A
	MT188	LDL B	GG584−1031−1				L BLEED	A
PT98	MT205	LDL A	GG584−1031−2				R BLEED	A
	MT185	LDL B	GG584−1031−2				R BLEED	A
PT99	MT204	LDL A	GG584−1030−4				R BLEED	A
	MT184	LDL B	GG584−1030−4				R BLEED	A
PT100	MT204	LDL A	GG584−1030−4				R BLEED	A
	MT184	LDL B	GG584−1030−4				R BLEED	A

APPENDIX A − TEST RESULTS								
LOCATION	**DESIGNATOR**	**LDL A (BMC 1) LDL B (BMC 2)**	**LDL ELEMENT PART NUMBER**	**LDL ELEMENT SERIAL NUMBER (Required for failed units only)**	**BATCH NUMBER/DATE CODE (Required for failed units only)**	**PASS/FAIL**	**ZONE**	**SALT TYPE**
PT101	MT204	LDL A	GG584−1030−4				R BLEED	A
	MT184	LDL B	GG584−1030−4				R BLEED	A
PT102	MT204	LDL A	GG584−1030−4				R BLEED	A
	MT184	LDL B	GG584−1030−4				R BLEED	A
PT103	MT204	LDL A	GG584−1030−4				R BLEED	A
	MT184	LDL B	GG584−1030−4				R BLEED	A
PT104	MT208	LDL A	GG584−1031−1				L BLEED	A
	MT188	LDL B	GG584−1031−1				L BLEED	A
PT105	MT207	LDL A	GG584−1030−3				L BLEED	A
	MT187	LDL B	GG584−1030−3				L BLEED	A
PT106	MT207	LDL A	GG584−1030−3				L BLEED	A
	MT187	LDL B	GG584−1030−3				L BLEED	A
PT107	MT207	LDL A	GG584−1030−3				L BLEED	A
	MT187	LDL B	GG584−1030−3				L BLEED	A
PT108	MT207	LDL A	GG584−1030−3				L BLEED	A
	MT187	LDL B	GG584−1030−3				L BLEED	A
PT109	MT98	LDL A	GG584−1052−1				R BLEED	A
	MT100	LDL B	GG584−1053−1				R BLEED	A
PT110	MT98	LDL A	GG584−1052−1				R BLEED	A
	MT100	LDL B	GG584−1053−1				R BLEED	A
PT111	MT97	LDL A	GG584−1052−1				L BLEED	A
	MT99	LDL B	GG584−1053−1				L BLEED	A
PT112	MT97	LDL A	GG584−1052−1				L BLEED	A
	MT99	LDL B	GG584−1053−1				L BLEED	A
PT113	MT97	LDL A	GG584−1052−1				L BLEED	A
	MT99	LDL B	GG584−1053−1				L BLEED	A
PT114	MT98	LDL A	GG584−1052−1				R BLEED	A
	MT100	LDL B	GG584−1053−1				R BLEED	A
PT115	MT97	LDL A	GG584−1052−1				L BLEED	A
	MT99	LDL B	GG584−1053−1				L BLEED	A

APPENDIX A − TEST RESULTS								
LOCATION	**DESIGNATOR**	**LDL A (BMC 1) LDL B (BMC 2)**	**LDL ELEMENT PART NUMBER**	**LDL ELEMENT SERIAL NUMBER (Required for failed units only)**	**BATCH NUMBER/DATE CODE (Required for failed units only)**	**PASS/FAIL**	**ZONE**	**SALT TYPE**
PT116	MT98	LDL A	GG584−1052−1				R BLEED	A
	MT100	LDL B	GG584−1053−1				R BLEED	A
PT117	MT97	LDL A	GG584−1052−1				L BLEED	A
	MT99	LDL B	GG584−1053−1				L BLEED	A
PT118	MT98	LDL A	GG584−1052−1				R BLEED	A
	MT100	LDL B	GG584−1053−1				R BLEED	A

APPENDIX B − TEST MATRIX

L BLEED LOOP

DESIGNATOR	TEST LOCATION (APPENDIX C)	LDL ELEMENT PART NUMBER	ZONE	BMC	SALT TYPE
MT97	111/112/113/115/117	GG584−1052−1	L BLEED	1	A
MT207	105/106/107/108	GG584−1030−3	L BLEED	1	A
MT208	84/95/97/104	GG584−1031−1	L BLEED	1	A
MT209	88/90/92/94	GG584−1044−3	L BLEED	1	A
MT103	80/85/86	GG584−1039−3	L BLEED	1	A
MT191	61/62/69/70/71/75/76/77	GG584−1040−3	L BLEED	1	A
MT192	60/63/64/65	GG584−1041−2	L BLEED	1	A
MT193	53/54/56	GG584−1039−5	L BLEED	1	A
MT194	14/15/16/17/18	GG584−1037−1	L BLEED	1	A
MT195	20/21/22/23/24	GG584−1043−7	L BLEED	1	C
MT196	19/25/26/27/28/29/30/31/32	GG584−1053−1 (Alternate P/N GG584−1045−3)	L BLEED	1	A
MT99	111/112/113/115/117	GG584−1053−1	L BLEED	2	A
MT187	105/106/107/108	GG584−1030−3	L BLEED	2	A
MT189	88/90/92/94	GG584−1044−3	L BLEED	2	A
MT188	84/95/97/104	GG584−1031−1	L BLEED	2	A
MT105	80/85/86	GG584−1037−3	L BLEED	2	A
MT171	61/62/69/70/71/75/76/77	GG584−1037−3	L BLEED	2	A
MT172	60/63/64/65	GG584−1046−3	L BLEED	2	A
MT173	53/54/56	GG584−1040−1	L BLEED	2	A
MT174	14/15/16/17/18	GG584−1045−3 (Alternate P/N GG584−1042−3)	L BLEED	2	A
MT175	20/21/22/23/24	GG584−1043−7	L BLEED	2	C
MT176	19/25/26/27/28/29/30/31/32	GG584−1053−1 (Alternate P/N GG584−1045−3)	L BLEED	2	A

APPENDIX B − TEST MATRIX

R BLEED LOOP

DESIGNATOR	TEST LOCATION (APPENDIX C)	LDL ELEMENT PART NUMBER	ZONE	BMC	SALT TYPE
MT98	109/110/114/116/118	GG584−1052−1	R BLEED	1	A
MT204	99/100/101/102/103	GG584−1030−4	R BLEED	1	A
MT205	82/96/98	GG584−1031−2	R BLEED	1	A
MT206	89/91/93	GG584−1050−3	R BLEED	1	A
MT104	57/78/79/81/83/87	GG584−1049−1	R BLEED	1	A
MT199	58/72/73/74	GG584−1039−6	R BLEED	1	A
MT200	59/66/67/68	GG584−1046−4	R BLEED	1	A
MT201	51/52/55	GG584−1040−1	R BLEED	1	A
MT202	1/2/3/4/5/6/7/8/9/10/11/12/13	GG584−1030−1 (Alternate P/N GG584−1046−3)	R BLEED	1	A
MT100	109/110/114/116/118	GG584−1053−1	R BLEED	2	A
MT184	99/100/101/102/103	GG584−1030−4	R BLEED	2	A
MT185	82/96/98	GG584−1031−2	R BLEED	2	A
MT186	89/91/93	GG584−1050−3	R BLEED	2	A
MT106	57/78/79/81/83/87	GG584−1049−1	R BLEED	2	A
MT179	58/72/73/74	GG584−1041−1	R BLEED	2	A
MT180	59/66/67/68	GG584−1051−3	R BLEED	2	A
MT181	51/52/55	GG584−1041−3	R BLEED	2	A
MT182	1/2/3/4/5/6/7/8/9/10/11/12/13	GG584−1030−1 (Alternate P/N GG584−1046−3)	R BLEED	2	A

APPENDIX B – TEST MATRIX

TRIM LOOP

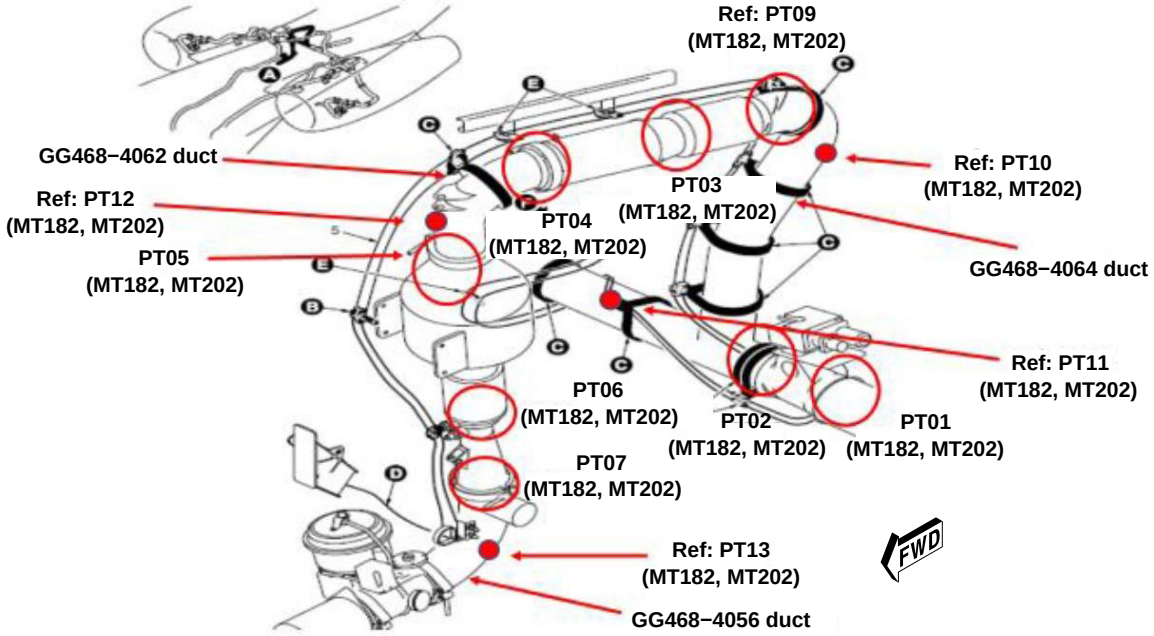
DESIGNATOR	TEST LOCATION (APPENDIX C)	LDL ELEMENT PART NUMBER	ZONE	BMC	SALT TYPE
MT148	33/34/35/36	GG584–1048–3	TRIM	1	A
MT101	45/46/47/48/49/50	GG584–1049–1	TRIM	1	A
MT210	37/38/39/40/41/42/43/44	GG584–1037–3	TRIM	1	A
MT147	33/34/35/36	GG584–1048–1	TRIM	2	A
MT102	45/46/47/48/49/50	GG584–1049–1	TRIM	2	A
MT190	37/38/39/40/41/42/43/44	GG584–1049–3	TRIM	2	A

TRİM LOOP (HUMIDIFIER OPTION)

DESIGNATOR	TEST LOCATION (APPENDIX C)	LDL ELEMENT PART NUMBER	ZONE	BMC	SALT TYPE
MT148B	33	GG584–1037–3	TRIM	1	A
MT148A	34/35/36	GG584–2118–3	TRIM	1	A
MT147B	33	GG584–1037–3	TRIM	2	A
MT147A	34/35/36	GG584–2118–1	TRIM	2	A

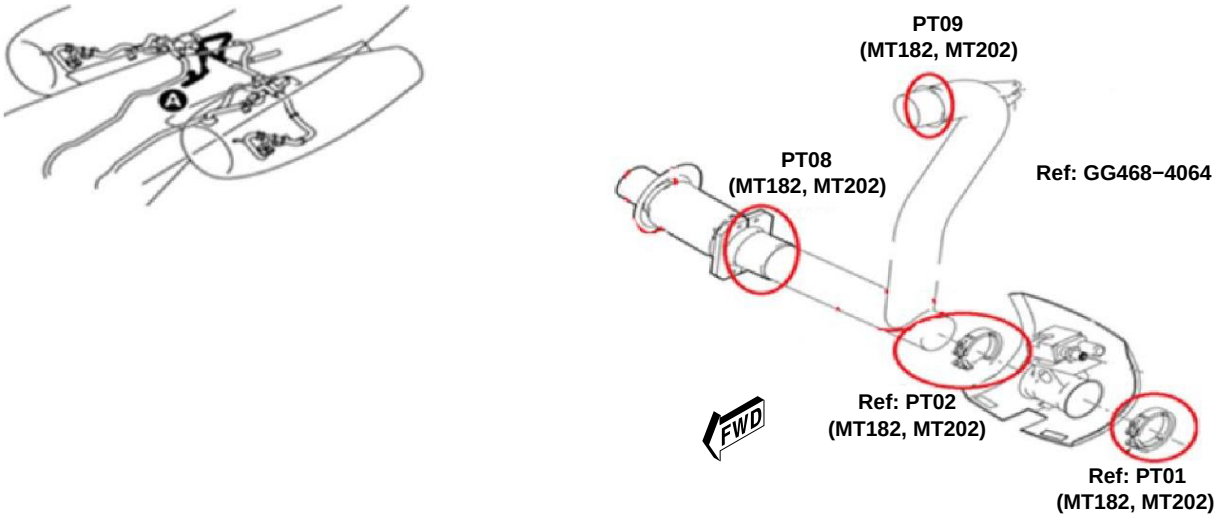
Right Bleed Leak Detection Loop - Filtering and Flow Control **(MT182 & MT202)**

(7 Joint points, 4 Vent Holes) **Aft Fuse FS987.06 thru FS1020 RHS**



Right Bleed Leak Detection Loop **(MT182 & MT202)**

(2 Joint Points) **Aft Fuse FS987.06 thru FS1020 RHS**



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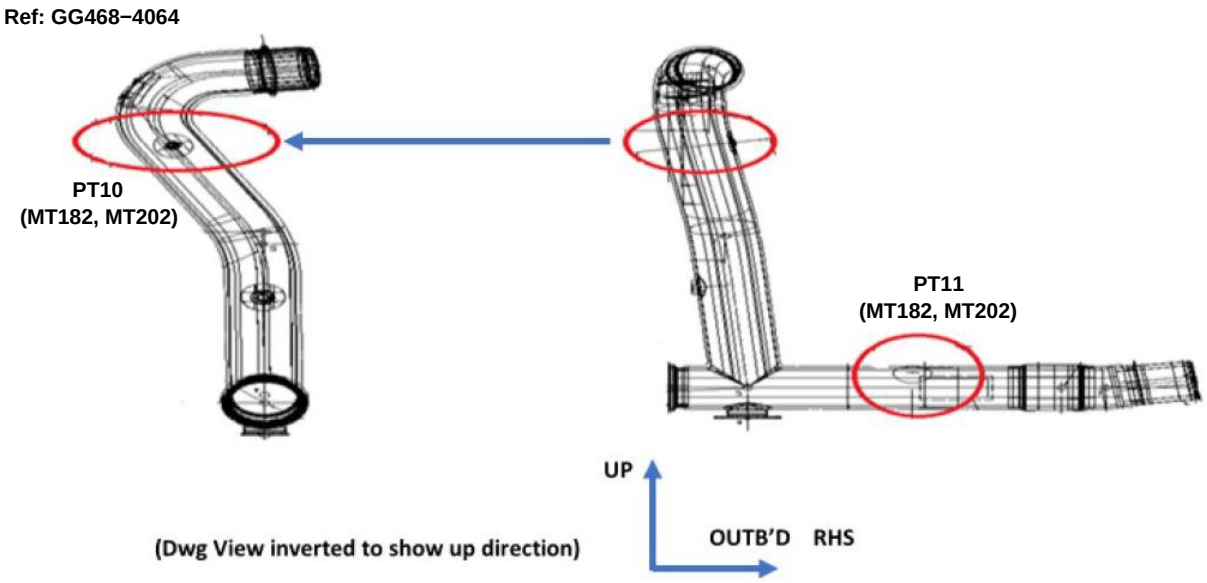
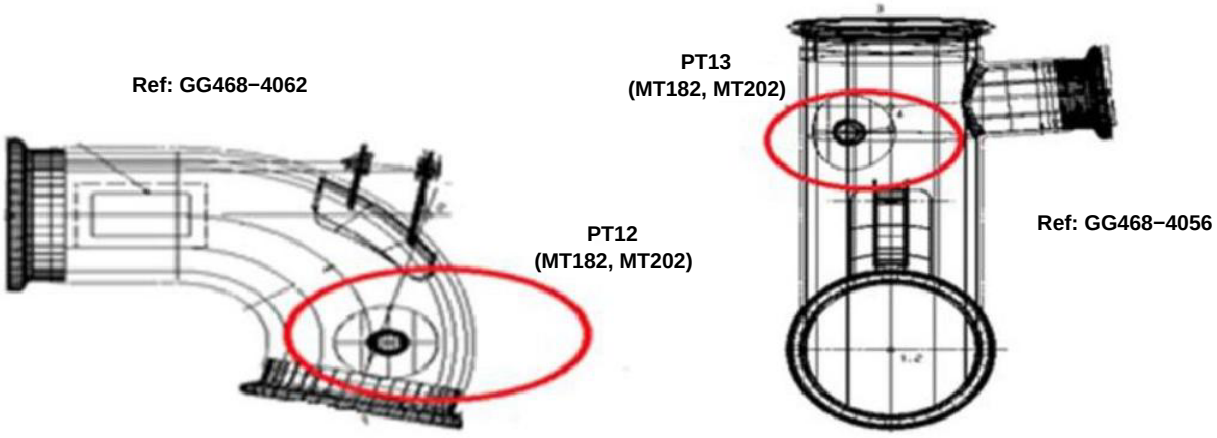
Right Bleed Leak Detection Loop – ECS Supply **(MT182 & MT202)**

(2 Vent Holes) **Aft Fuse FS987.06 thru FS1020 RHS**



Right Bleed Leak Detection Loop – ECS Supply **(MT182 & MT202)**

(2 Vent Holes) **Aft Fuse FS987.06 thru FS1020 RHS**



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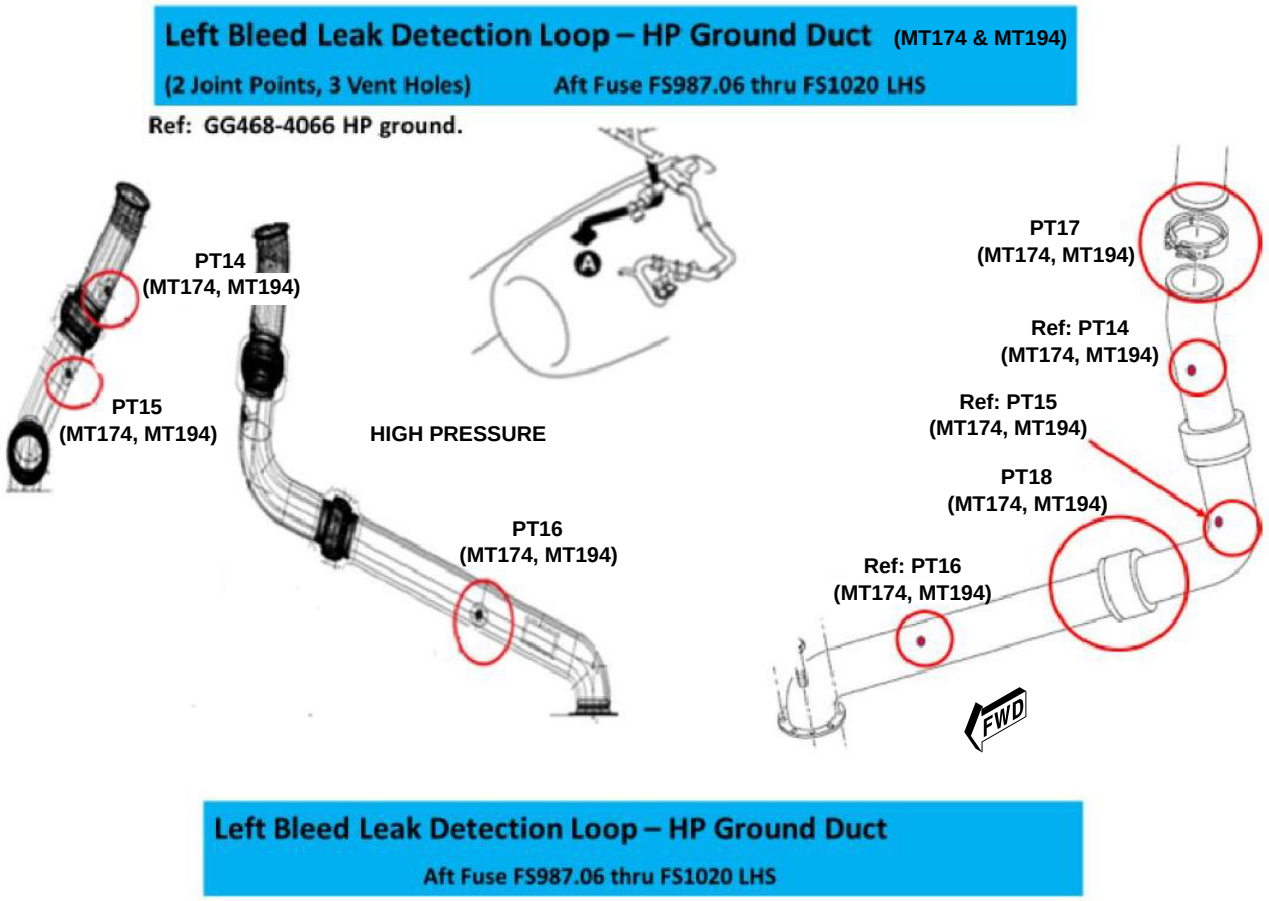
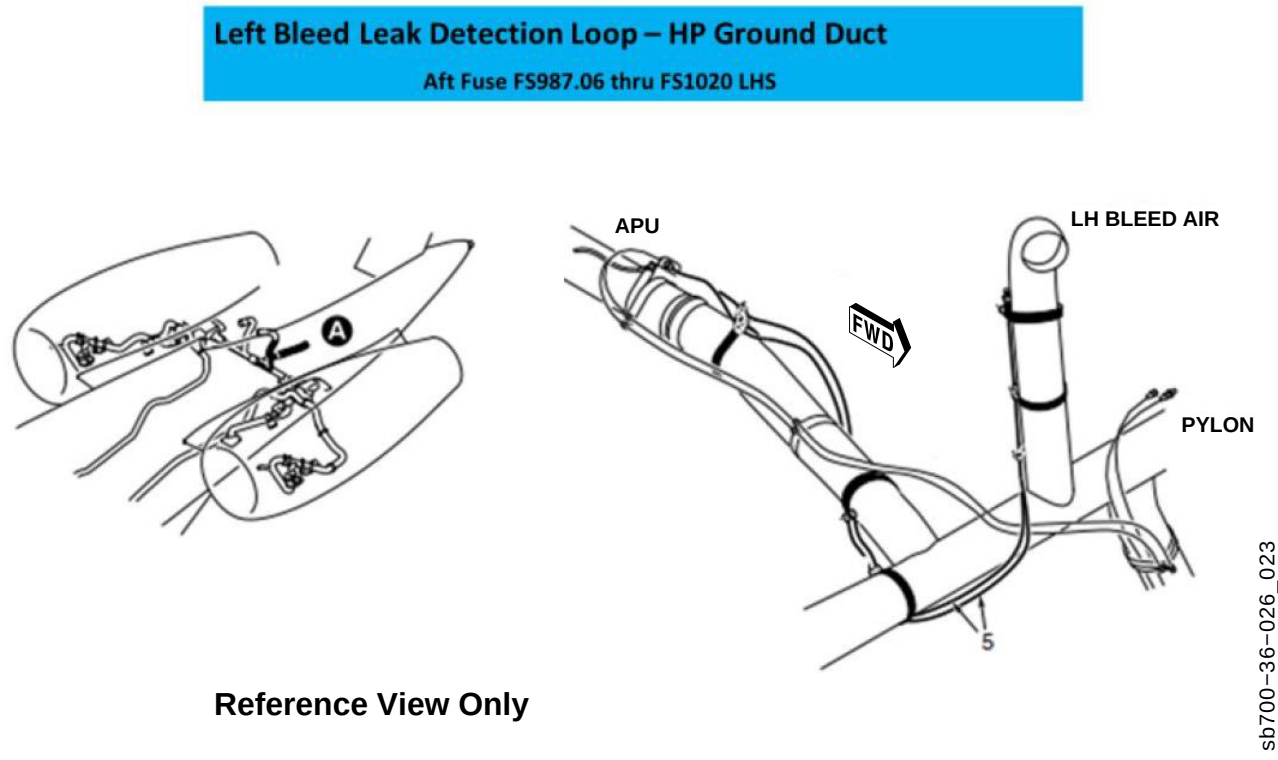
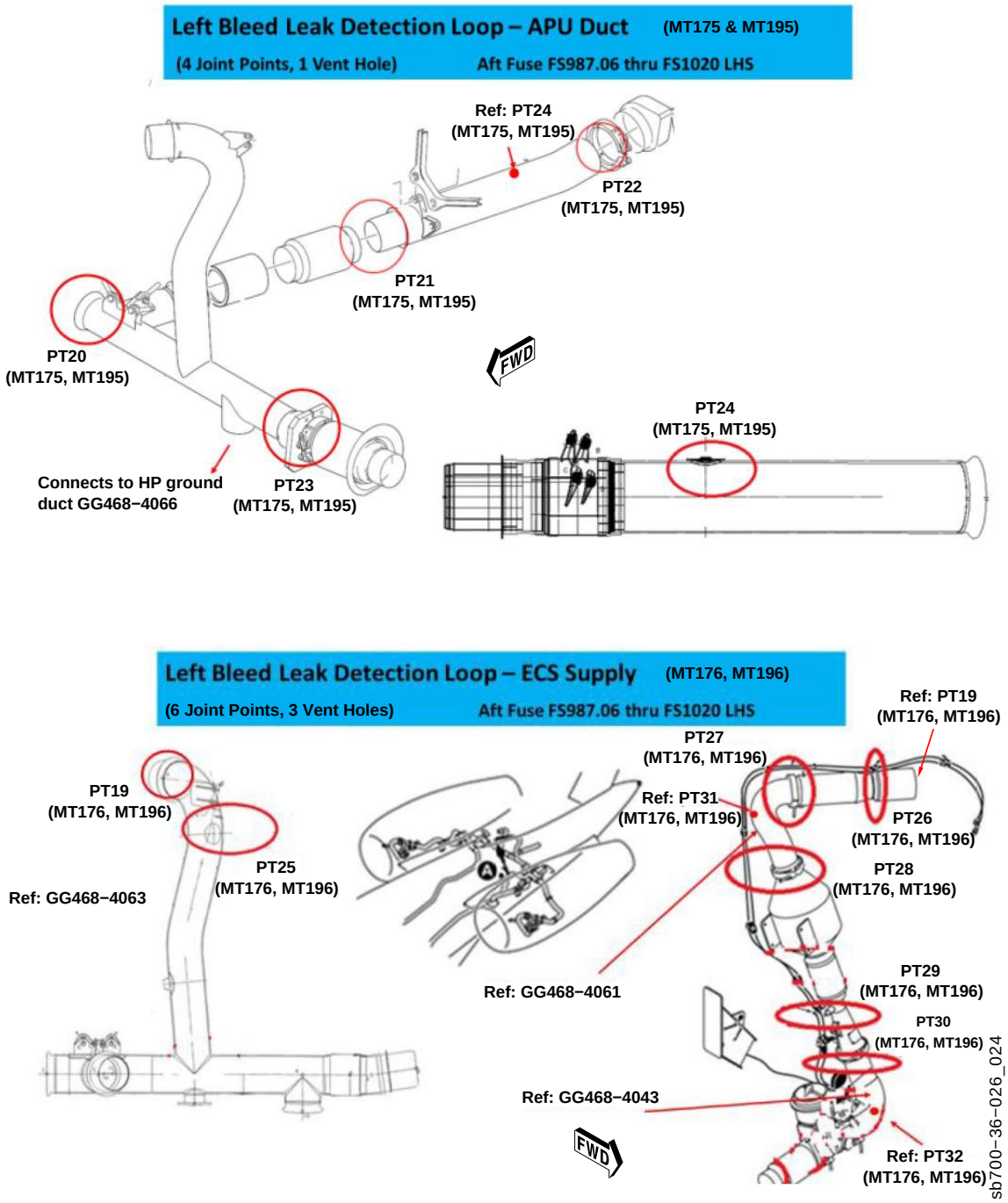
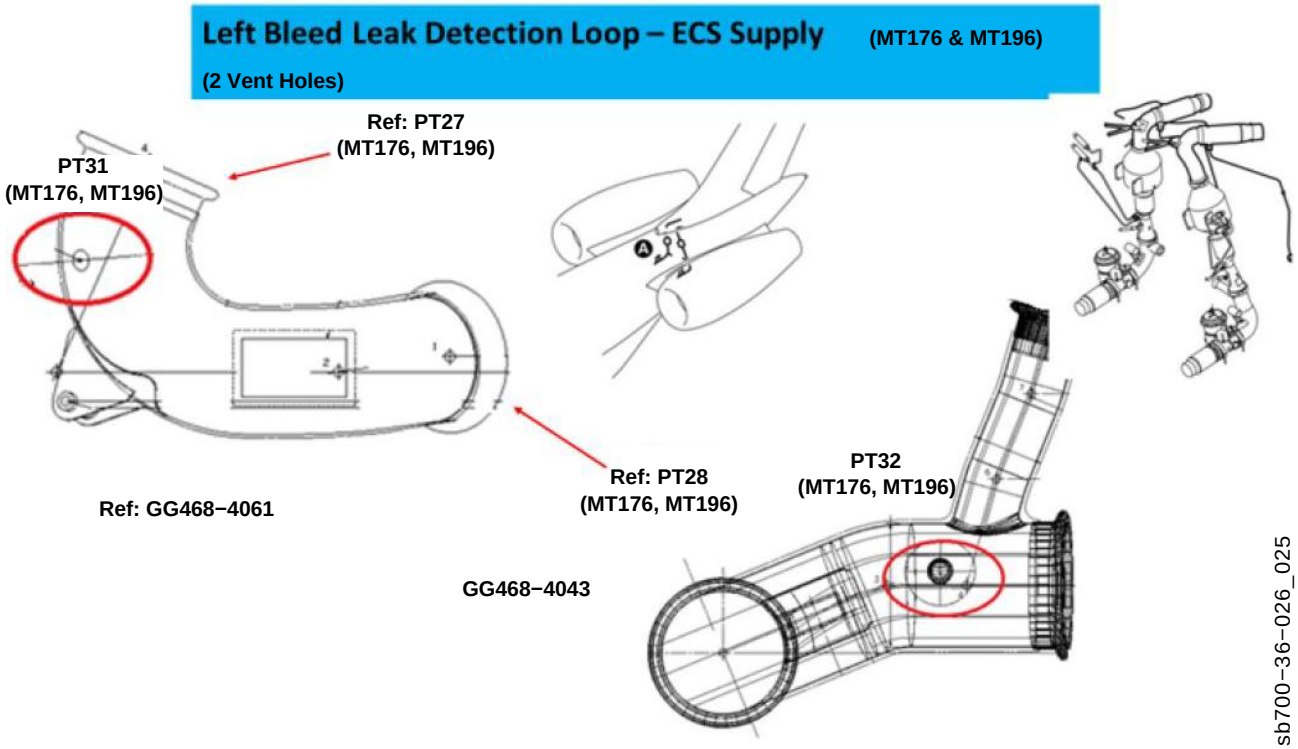


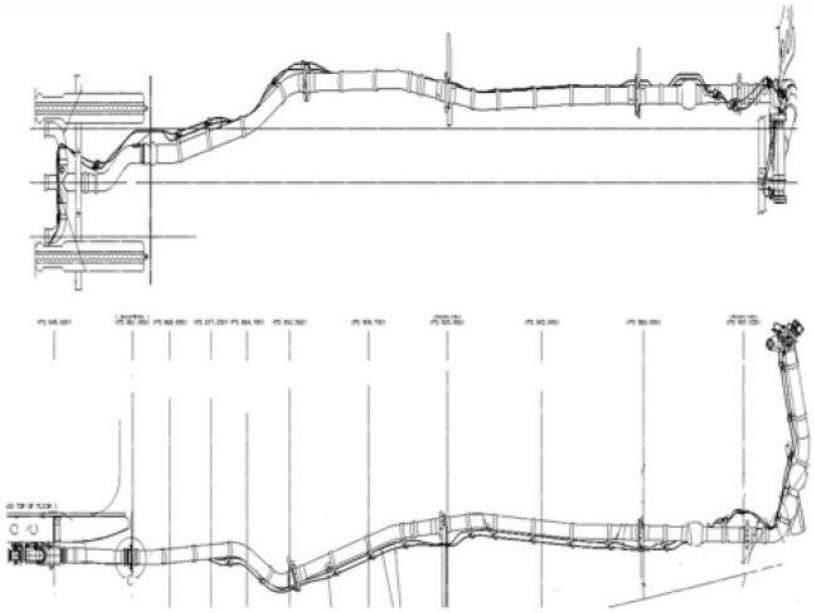


Reference View Only

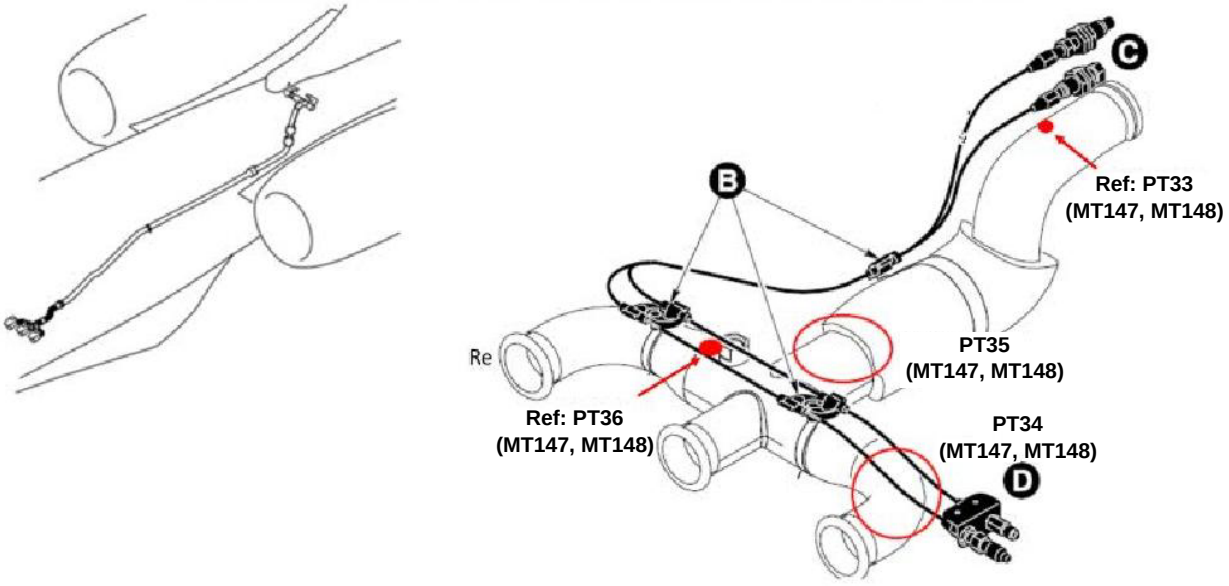

Left Bleed Leak Detection Loop – APU Duct (MT175 & MT195)
(4 Joint Points, 1 Vent Hole) Aft Fuse FS987.06 thru FS1020 LHS
Ref: PT24
(MT175, MT195)
PT22
(MT175, MT195)
PT21
(MT175, MT195)
PT20
(MT175, MT195)
FWD
PT24
(MT175, MT195)
Connects to HP ground duct GG468−4066
PT23
(MT175, MT195)
Left Bleed Leak Detection Loop – ECS Supply (MT176, MT196)
(6 Joint Points, 3 Vent Holes) Aft Fuse FS987.06 thru FS1020 LHS
Ref: PT19
(MT176, MT196)
PT27
(MT176, MT196)
PT19
(MT176, MT196)
Ref: PT31
(MT176, MT196)
PT26
(MT176, MT196)
PT25
(MT176, MT196)
PT28
(MT176, MT196)
Ref: GG468−4063
Ref: GG468−4061
PT29
(MT176, MT196)
PT30
(MT176, MT196)
Ref: GG468−4043
FWD
Ref: PT32
(MT176, MT196)
sb700−36−026_024


Left Bleed Leak Detection Loop – ECS Supply (MT176 & MT196)
(2 Vent Holes)
Ref: PT27
(MT176, MT196)
PT31
(MT176, MT196)
Ref: PT28
(MT176, MT196)
PT32
(MT176, MT196)
Ref: GG468−4061
GG468−4043
sb700−36−026_025

Trim Ducts
FS830 thru FS1020



Trim Ducts (MT147 & MT148) FS830 thru FS861 (Baggage Underfloor)
(2 Joint points 2 vent holes) Baggage underfloor



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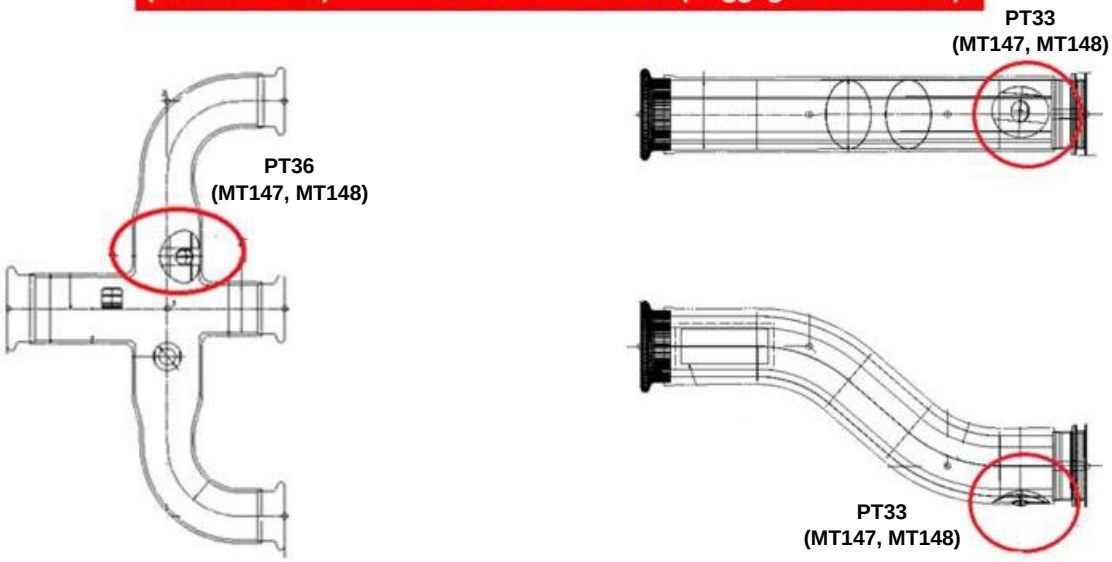
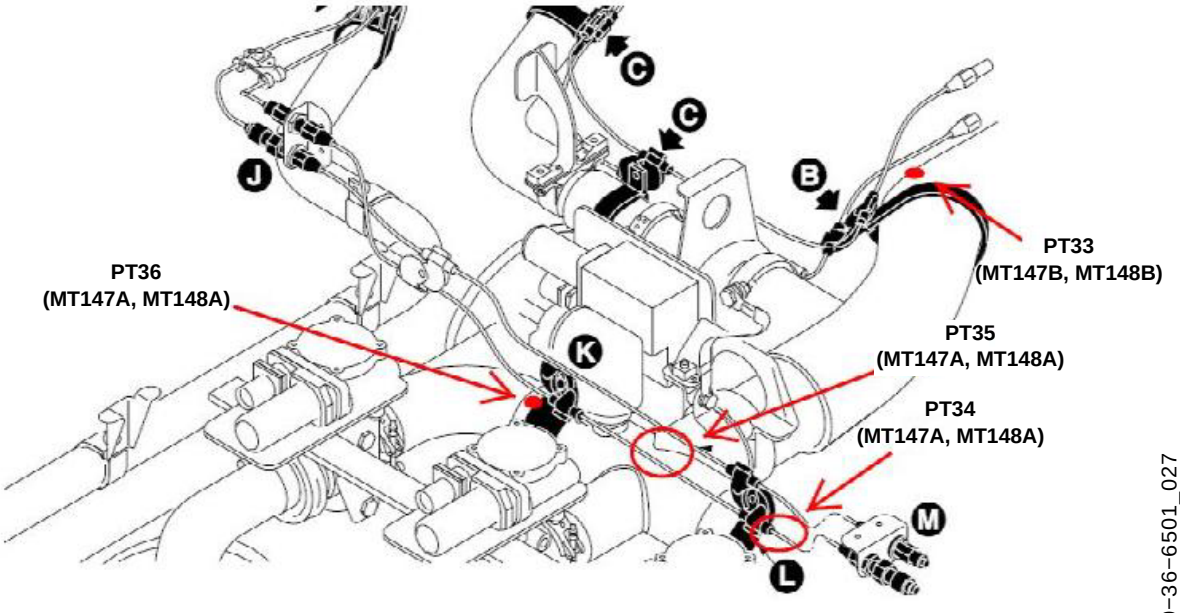
Trim Ducts (MT147 & MT148)
(2 Vent Holes) FS830 thru FS861 (Baggage Underfloor)



TRIM LOOP (HUMIDIFIER OPTION) (MT147A & MT148A, MT147B & MT148B)
(2 Joint Points, 2 Vent Holes) FS830 to FS861 UNDER BAGGAGE FLOOR



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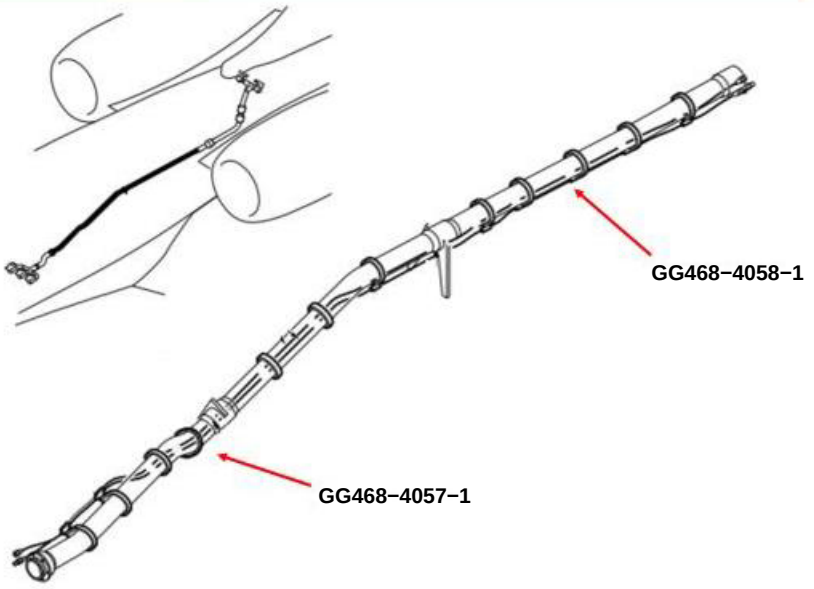
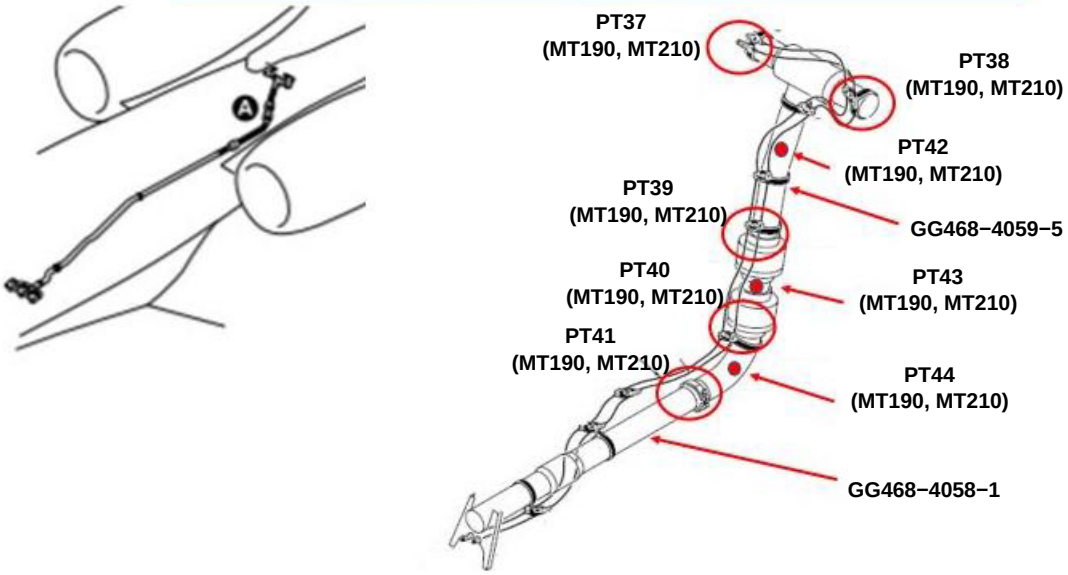
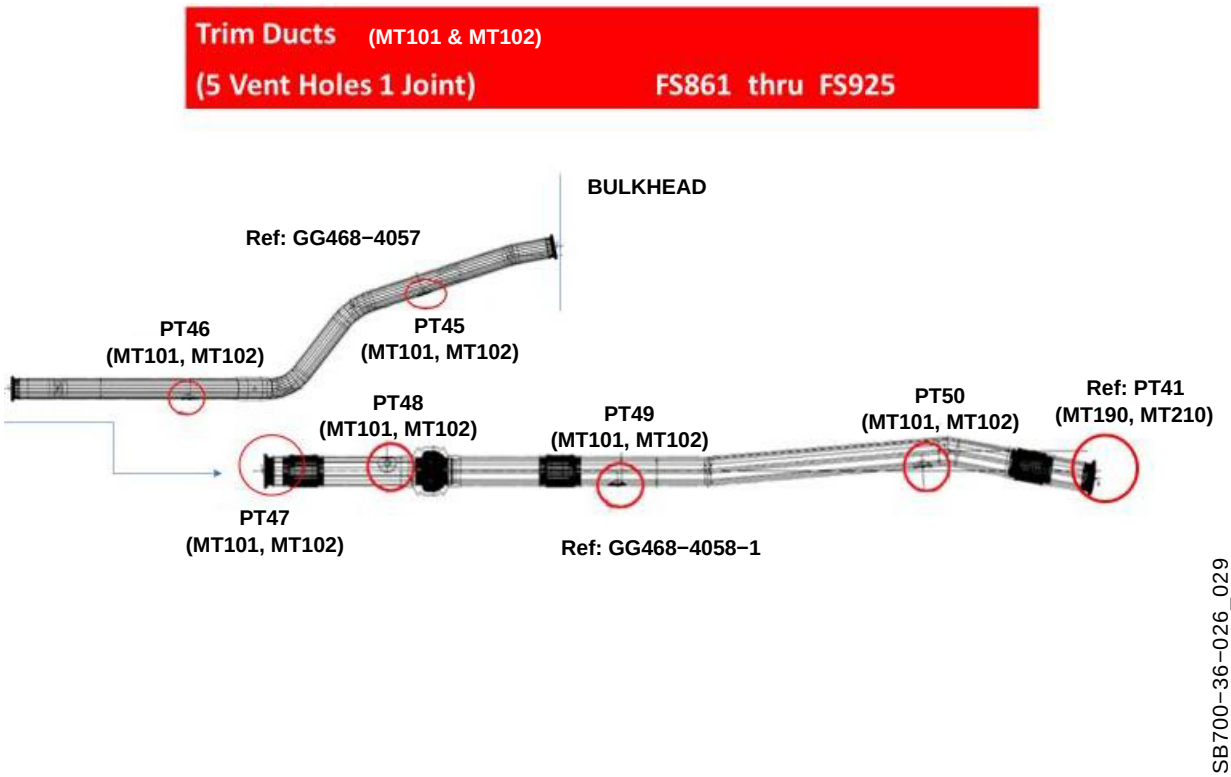
Trim Ducts
FS861 thru FS987

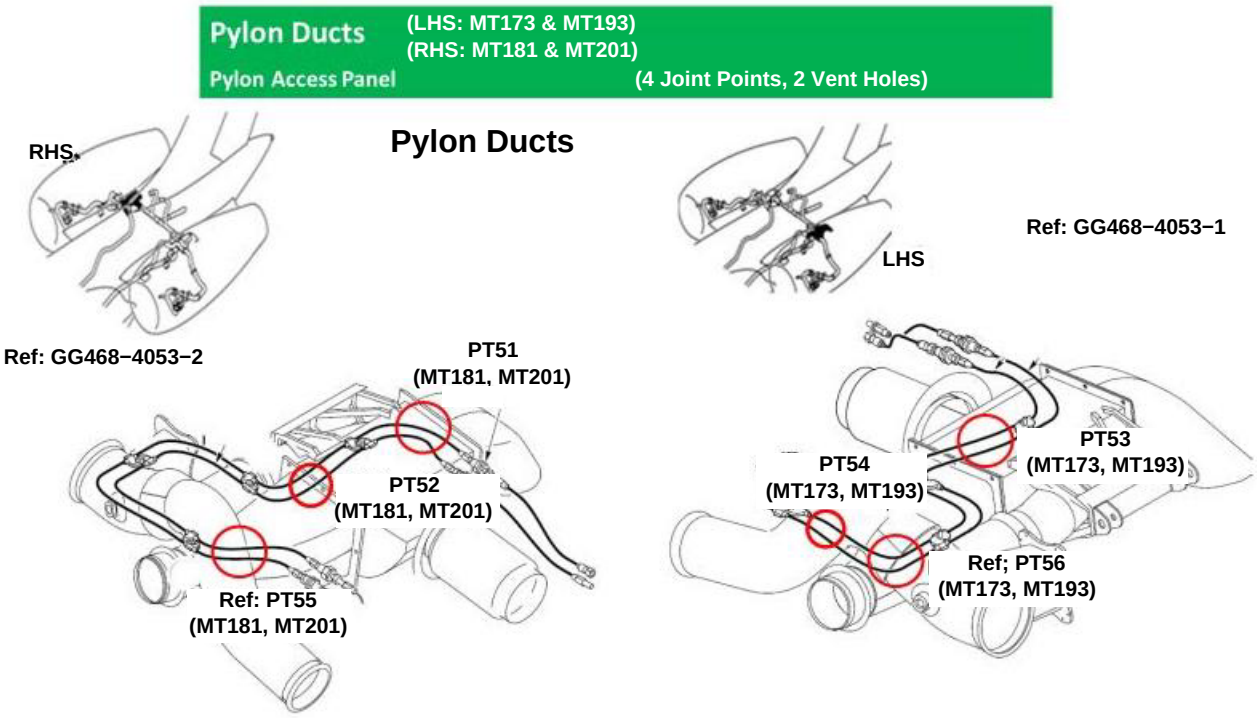


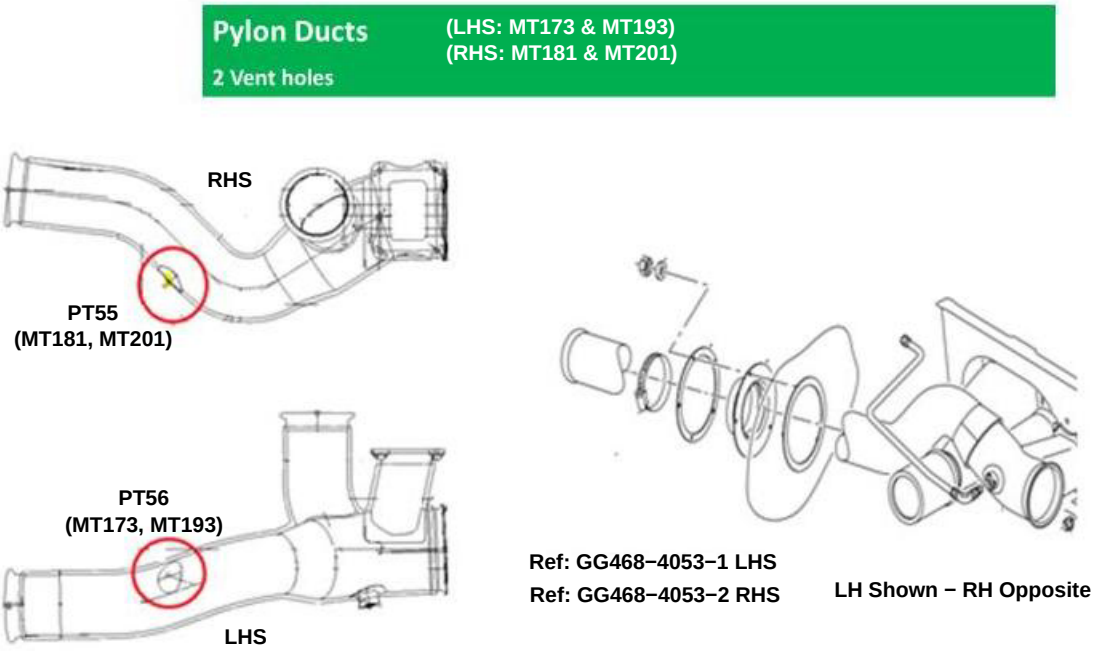
Trim Ducts **(MT190 & MT210)**
(5 Joint Points 3 Vent Holes) **FS925 thru FS987**



SB700−36−026_028


Trim Ducts (MT101 & MT102)
(5 Vent Holes 1 Joint) FS861 thru FS925
BULKHEAD
Ref: GG468−4057
PT46
(MT101, MT102)
PT45
(MT101, MT102)
PT48
(MT101, MT102)
PT49
(MT101, MT102)
PT50
(MT101, MT102)
Ref: PT41
(MT190, MT210)
PT47
(MT101, MT102)
Ref: GG468−4058−1
SB700−36−026_029





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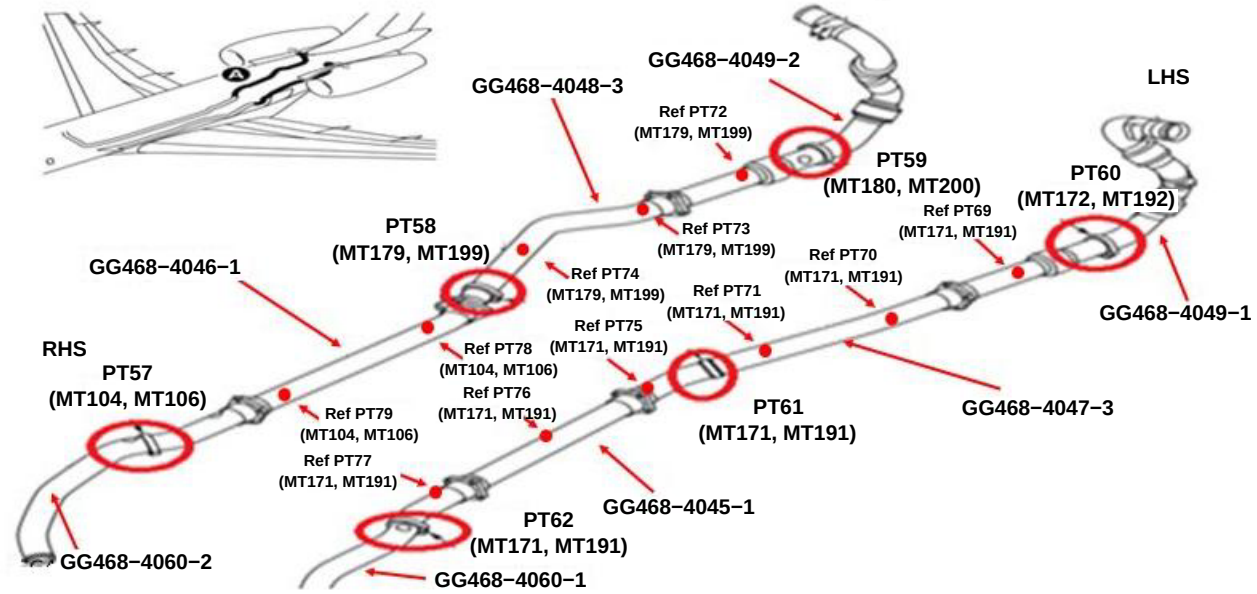
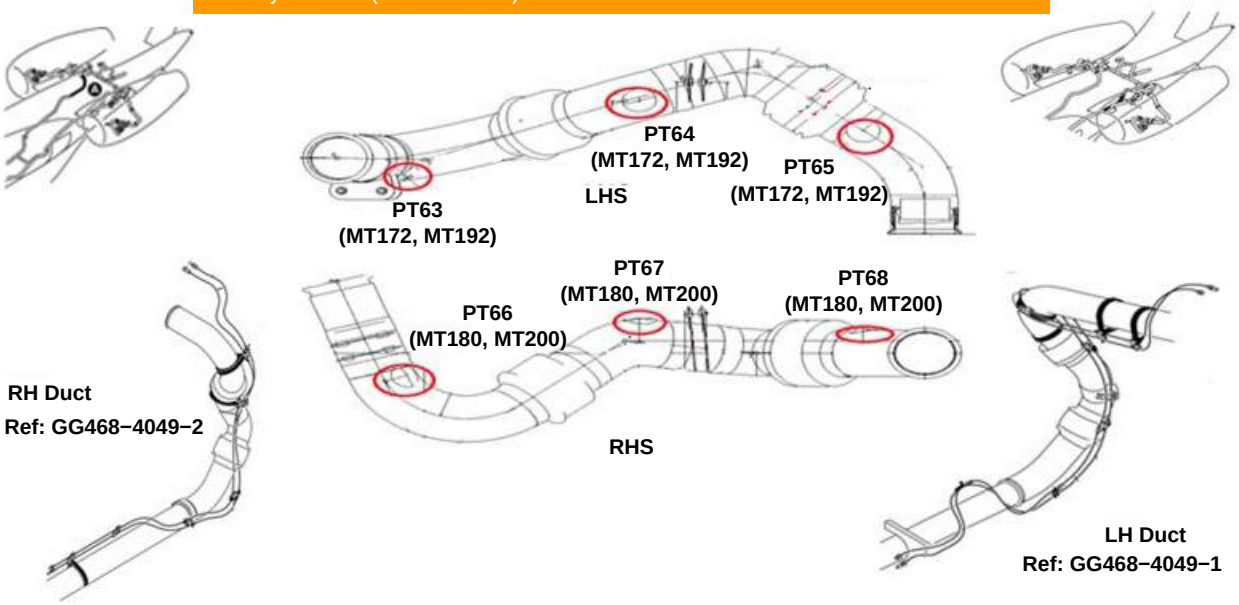
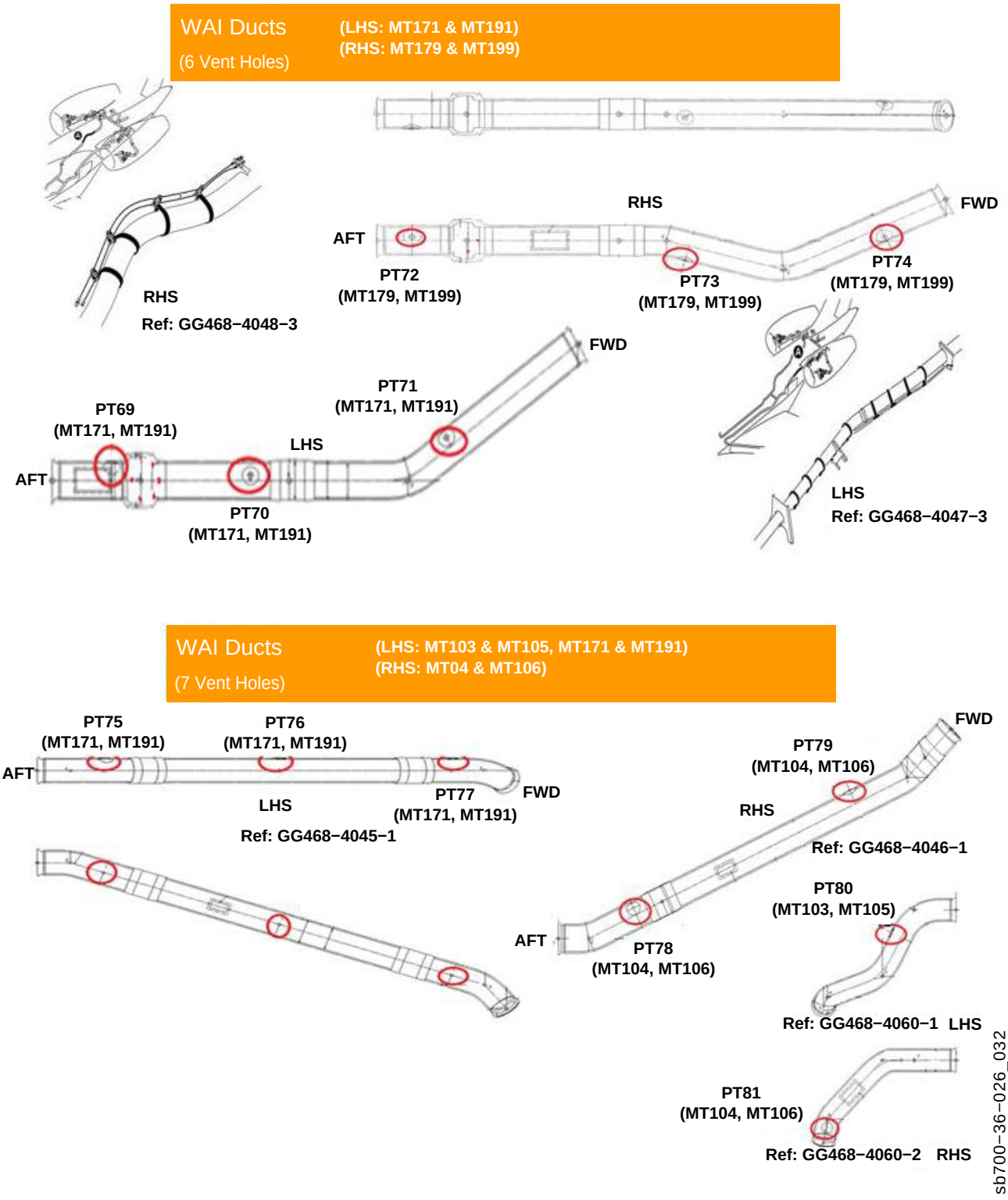
WAI Ducts (LHS: MT171 & MT191, MT172 & MT192)
(RHS: MT104 & MT106, MT179 & MT199, MT180 & MT200)
Aft Bay Access − Section Access Behind ECS packs. (FS860 to FS1020) (6 Joint Points)



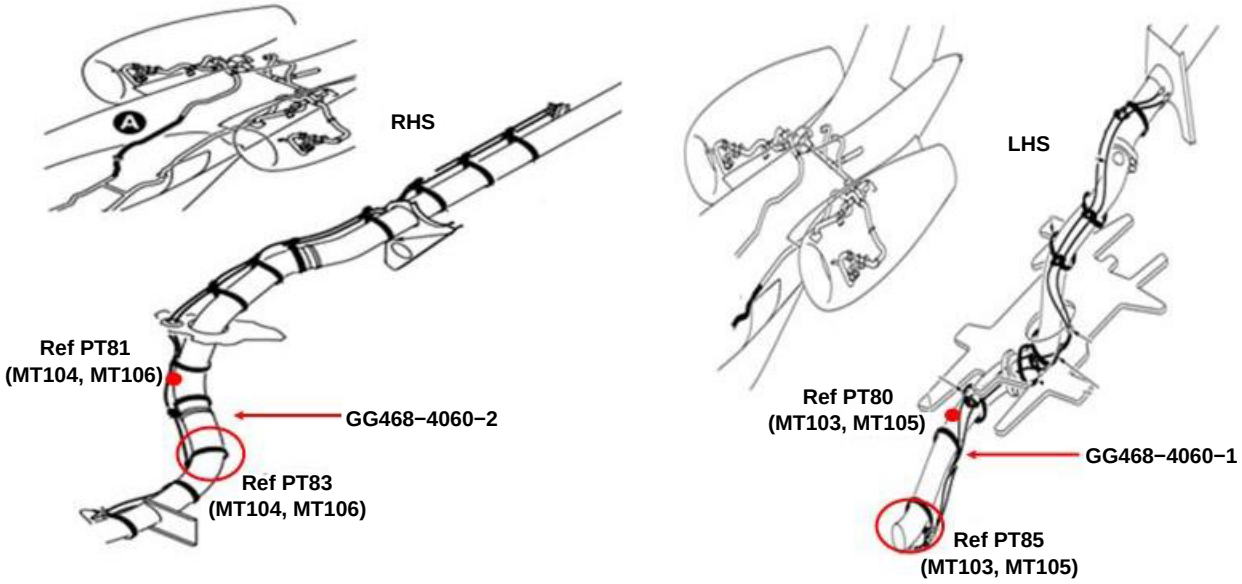
WAI Ducts (LHS: MT172 & MT192)
(RHS: MT180 & MT200)
Aft Bay Access (6 Vent Holes)



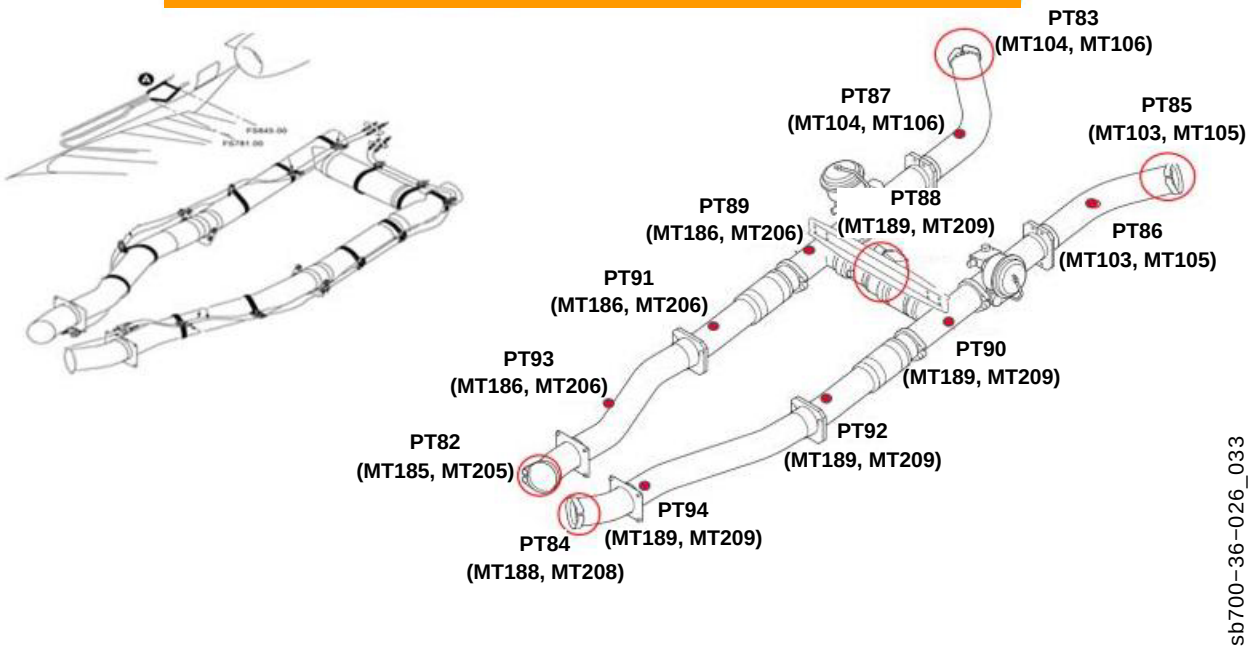
sb700−36−026_031

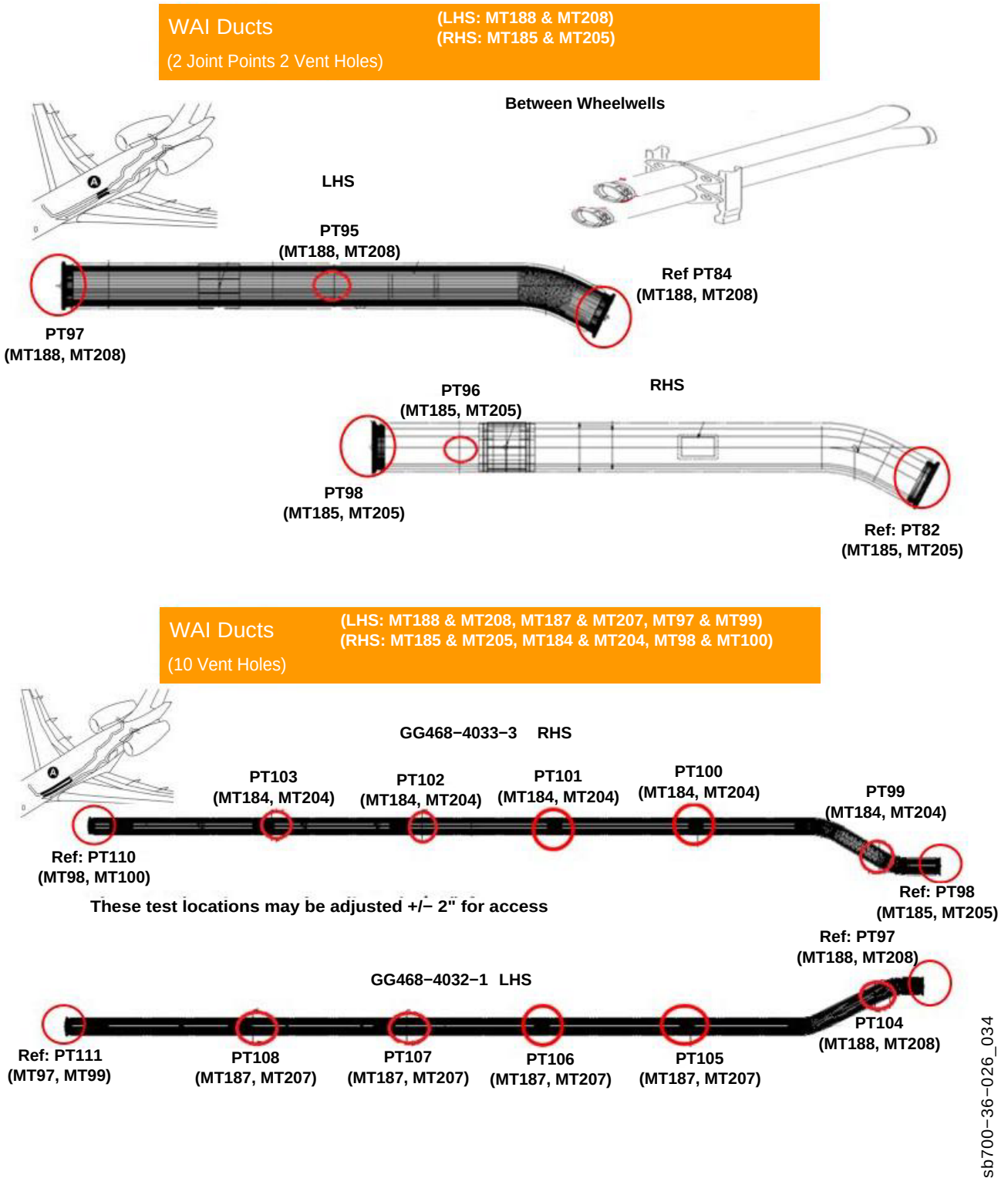

WAI Ducts
(6 Vent Holes)
(LHS: MT171 & MT191)
(RHS: MT179 & MT199)
RHS
Ref: GG468−4048−3
AFT
PT72
(MT179, MT199)
RHS
PT73
(MT179, MT199)
FWD
PT74
(MT179, MT199)
PT69
(MT171, MT191)
AFT
LHS
PT70
(MT171, MT191)
PT71
(MT171, MT191)
FWD
LHS
Ref: GG468−4047−3
WAI Ducts
(7 Vent Holes)
(LHS: MT103 & MT105, MT171 & MT191)
(RHS: MT04 & MT106)
PT75
(MT171, MT191)
PT76
(MT171, MT191)
AFT
LHS
PT77
(MT171, MT191)
FWD
Ref: GG468−4045−1
FWD
PT79
(MT104, MT106)
RHS
Ref: GG468−4046−1
AFT
PT78
(MT104, MT106)
PT80
(MT103, MT105)
Ref: GG468−4060−1 LHS
PT81
(MT104, MT106)
Ref: GG468−4060−2 RHS
sb700−36−026_032

WAI Ducts (LHS: MT103 & MT105) (RHS: MT104 & MT106)



WAI Ducts (LHS: MT103 & MT105, MT189 & MT209, MT188 & MT208) (RHS: MT104 & MT106, MT186 & MT206, MT185 & MT205)
(5 JOINT POINTS 8 VENT HOLES)

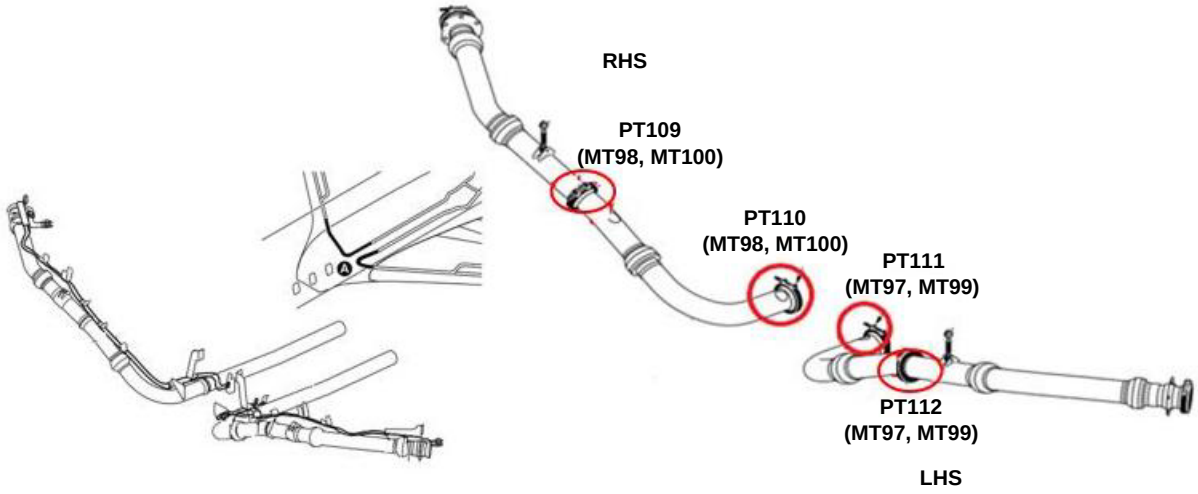




Appendix C − Test Locations
(Sheet 14 of 15, Rev. NC)

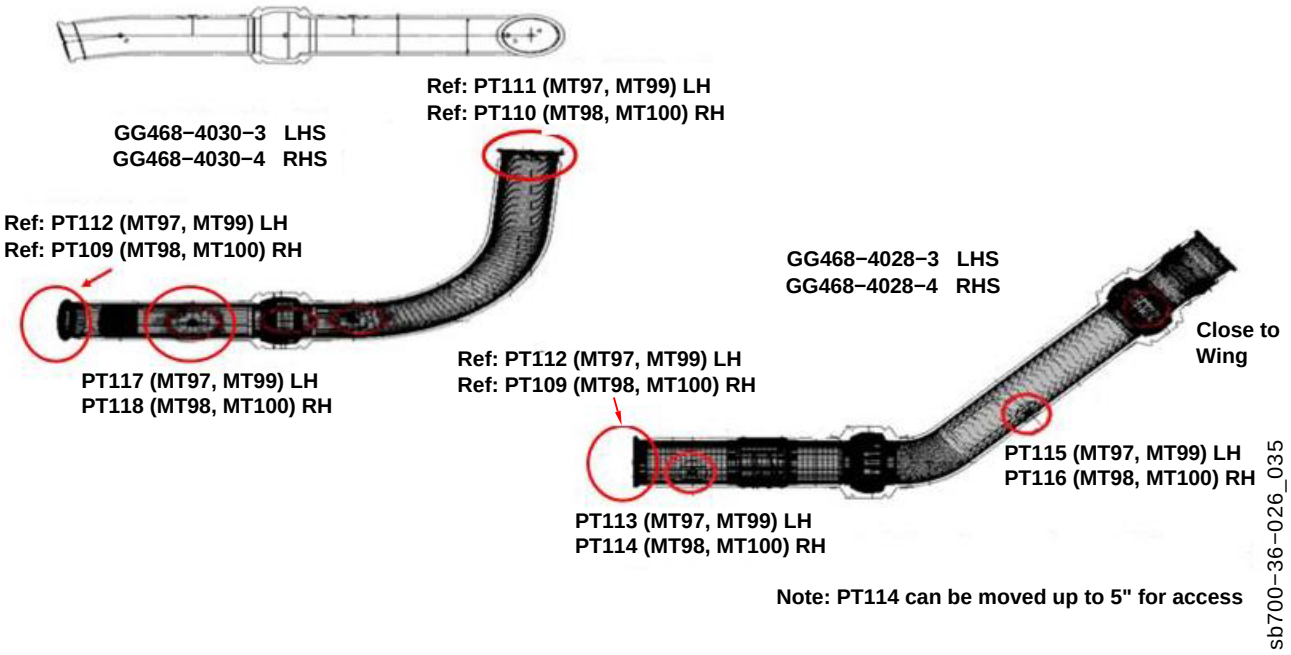
WAI Ducts
(4 Joint Points)

(LHS: MT97 & MT99)
(RHS: MT98 & MT100)



WAI Ducts
(6 Vent Holes)

(LHS: MT97 & MT99)
(RHS: MT98 & MT100)



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(Your ideas will help us provide better bulletins)

SERVICE BULLETIN: 700−1A11−36−005 **ISSUE:** Basic **DATED:** Dec 23/2022

TITLE: SPECIAL CHECK/REWORK – BLEED−AIR LEAK−DETECTION SYSTEM – SPECIAL CHECK ON THE KIDDE LEAK DETECTION LOOP ELEMENTS

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Service Bulletin Number	Rev.	* Parts Completed	COMPLIED WITH YES	NO	N/A	Remarks/Reason (Mandatory if N/A)
700−1A11−36−005	Basic		☐	☐	☐	
			☐	☐	☐	
			☐	☐	☐	
			☐	☐	☐	
			☐	☐	☐	

Actual hours to accomplish Service Bulletin: _____

* NOTES:

1. Where the Service Bulletin is divided into a number of parts (e.g., PARTS A, B, C, D, etc.) which can be carried out separately, indicate only those parts completed at this time.
2. For repetitive checks (usually PART A) only the initial check should be reported unless otherwise stated in the Service Bulletin.
3. When more than one part is carried out at the same time, each part should be reported.
4. Fill in 'Remark/Reason' to explain compliance method when N/A is selected.(E.g. Part not installed, N/A by effectivity, N/A by Part Serial Number, etc.
5. PCW means 'Previously Complied With'.

Aircraft Serial No. _____ Aircraft Reg. No. _____

Airframe Hours: _____ Airframe Landings _____

S.B. Incorporation Date _____ (dd/mm/yy) Service Order No. _____

Facility incorporating S.B. _____

Name _____ Signature _____ Date _____ (dd/mm/yy)

Signature not required if sent by E−Mail