

SERVICE BULLETIN SUMMARY

This Service Bulletin is available at:

www.cic.bombardier.com

MODEL BD-700-1A10 (BD-700)

ATA 52-31

DOORS

**MODIFICATION – BAGGAGE DOOR –
 ADDITION OF A NYLON BLOCK TO THE BAGGAGE DOOR TO
 PREVENT AN UNWANTED EICAS MESSAGE**

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

EFFECTIVITY	A/C Serial No. 9002 to 9298		
COMPLIANCE	Alert	<input type="checkbox"/>	
	Recommended	<input checked="" type="checkbox"/>	
	Optional	<input type="checkbox"/>	
MANPOWER	1 man-hour		
KITS and/or PARTS	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	
TOOLING	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	
GSE	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
DEDICATED SCHEDULE	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
PREREQUISITE SERVICE BULLETINS	N/A		

To place an order for parts or kits, please call Bombardier Aerospace Parts Logistics at:

514-855-2999 or 1-866-538-1247

SERVICE BULLETIN

This Service Bulletin is available at:
www.cic.bombardier.com

MODEL BD-700-1A10 (BD-700)

ATA 52-31

DOORS

**MODIFICATION – BAGGAGE DOOR –
ADDITION OF A NYLON BLOCK TO THE BAGGAGE DOOR TO
PREVENT AN UNWANTED EICAS MESSAGE**

1. PLANNING INFORMATION.

A. Effectivity

BD-700-1A10 aircraft, Serial No. **9002** to **9298**.

All other subsequent BD-700-1A10 aircraft are scheduled for the modification in production (Ref.: Modification Summary, 700T904423).

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 Aerospace Service Bulletin(s).

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

B. Reason

This Service Bulletin introduces a nylon block in the recess of the baggage door aft-latch fitting. The addition of this nylon block will prevent the aft-latch bolt assembly on the baggage door from accidentally entering the recess in the baggage door aft-latch fitting. If the aft latch bolt accidentally entered the recess, the EICAS would indicate that the baggage door is closed, when in fact it is still open.

If this occurs, the aircraft would not be able to pressurize, and the flight would be delayed while troubleshooting takes place. Incorporation of this modification will reduce the possibility of a flight delay.

Refer to applicable governmental agency regulations and requirements and make sure that the work described in this Service Bulletin is performed in compliance with manufacturer's recommendations and/or acceptable industry standards.

This document is proprietary to Bombardier Inc. and/or its affiliates and may not be reproduced or copied in any form or by any means without the prior written consent of Bombardier Inc. and/or its affiliates.

© 2008 Bombardier Inc. All rights reserved
Challenger*, Global Express*, Global Express^{XRS}*, Global 5000*, Learjet* are Trademarks of Bombardier Inc.

C. Description

This Service Bulletin gives instructions to:

- Open the baggage door,
- Install a nylon block on the aft latch fitting,
- Close the baggage door, and
- Do the necessary tests to make sure the system operates correctly.

D. Compliance

Recommended.

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 the JAA and by EASA in accordance with established procedures.

F. Manpower

- NOTES:
1. The man-hours given are estimates to help you schedule the tasks given in this bulletin. The estimates 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 estimates, refer to SB 700-00-002.

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 labor estimates and should be considered for planning purposes before you schedule this Service Bulletin.
3. Labor hours are based on the fact that the modification will be done at the next scheduled maintenance task or inspection. Therefore no man-hours are allotted to prepare the aircraft for maintenance or to prepare for this Service Bulletin.

1 man-hour is necessary to do this addition of a nylon block to the aft latch fitting.

BOMBARDIER
GLOBAL EXPRESS
BOMBARDIER
GLOBAL EXPRESS^{XRS}

MODEL BD-700-1A10

The labor required to do this Service Bulletin is available at no cost if:

- (i) the work is done during new aircraft warranty period, and
- (ii) the work is done at Bombardier Business Aviation Services (BBAS) or Authorized Service Facilities (ASF), and
- (iii) this Service Bulletin is scheduled in less than 12 months from its release date.

G. Material – Cost and Availability

Kit 700K52-032 is necessary to do this nylon block installation. Only the U.S. domestic price is shown:

KIT NO.	PRICE
700K52-032	\$345.00

The above price can change. For the price outside of the U.S., refer to the last applicable Spare Parts Price Catalog. This data is also available from Bombardier Business Aviation Services (BBAS) at the addresses shown in the catalog.

50 kits were available when this Service Bulletin was released. Sufficient kits will be kept for the estimated amount of orders.

This kit is available at no cost if:

- (i) ordered during new aircraft warranty period, and
- (ii) a no-charge purchase order is sent to Bombardier Aerospace in less than 12 months, from this Service Bulletin release date.

For those aircraft in new aircraft warranty at the time of Service Bulletin distribution, Smart Parts Plus does not pay for the kit at any time.

For those aircraft out of new aircraft warranty at the time of Service Bulletin distribution, Smart Parts Plus pays for the kit for up to one year from the Service Bulletin distribution date.

H. Tooling

GSE REFERENCE NO.	PART NO.	DESCRIPTION
-	Commercially Available	Torque Wrench, 60 – 100 inch pounds (6.8 – 11.3 Nm)

NOTE: Refer to the Illustrated Tool and Equipment Manual to make sure you use the correct equipment configuration.

I. Weight and Balance

No change.

J. Electrical Load Data

No change.

K. References

- Bombardier Aerospace, Modification Summary, 700T904423, Rev. A-3
- Bombardier Aerospace, Modification Summary, R700T400288, Rev. A-2
- Bombardier Aerospace, Kit Drawing KGC991-1336, Rev. - -
- Global Express BD-700 Aircraft Maintenance Manual, Chapters 20, 24, 51 and 52
- Global Express BD-700 Aircraft Illustrated Parts Catalog (AIPC), Chapter 52
- Global Express XRS BD-700 Aircraft Maintenance Manual, Chapters 20, 24, 51 and 52
- Global Express XRS BD-700 Aircraft Illustrated Parts Catalog (AIPC), Chapter 52.

L. Other Publications Affected

- Global Express BD-700 Aircraft Maintenance Manual (AMM), Chapter 52
- Global Express BD-700 Aircraft Illustrated Parts Catalog (AIPC), Chapter 52
- Global Express XRS BD-700 Aircraft Maintenance Manual (AMM), Chapter 52
- Global Express XRS BD-700 Aircraft Illustrated Parts Catalog (AIPC), Chapter 52.

M. Equivalent Service Bulletin

For the Global 5000 BD-700-1A11 aircraft, use SB 700-1A11-52-009.

2. ACCOMPLISHMENT INSTRUCTIONS

- NOTES:**
1. All TASKs referenced in the procedures that follow are from the Global Express or the Global Express XRS BD-700 Aircraft Maintenance Manual, unless otherwise specified.
 2. All references made to zones, access panels and/or doors, are from the Global Express or the Global Express XRS BD-700 Aircraft Maintenance Manual, Chapter 6.

A. Aircraft Setup

Open the baggage door and temporarily secure the baggage door in the fully opened position.

B. Modification – Installation of the Nylon Block

WARNING: MAKE SURE THAT YOU KEEP THE BAGGAGE DOOR IN THE FULLY OPEN POSITION. THE BAGGAGE DOOR IS HEAVY AND IF IT FALLS, IT CAN CAUSE INJURY TO PERSONS OR DAMAGE TO EQUIPMENT.

- (1) Remove the bolt (4) and washer (3) on the aft latch fitting (1). Refer to Figure 1 and kit drawing KGC991-1336.
- (2) If necessary, solvent-clean the mating area of the aft latch fitting (1) and nylon block (2). Refer to TASK 51-25-00-110-801.
- (3) Install the nylon block (2) in the aft latch fitting (1) as follows:
 - (a) Install the nylon block (2) as per the instructions given in kit drawing KGC991-1336.
 - (b) Make sure that the nylon block (2) is mechanically secured in place until fully cured. The nylon block (2) must be secured in place with a mechanical pressure from 2 psi to 10 psi.

NOTES:

1. The cure time of the epoxy adhesive can be reduced to 120 minutes if it is cured at 150°F (66°C).

2. If epoxy is cured as given in Note 1, do not do the Testing until two hours have elapsed. If normal curing is done, do not do the testing until 24 hours have elapsed.
- (4) Wet-install the bolt (4) and washer (3) on the aft latch fitting (1). Refer to TASK 51-23-00-390-809.
- (5) Torque the bolt (4) from 70 to 90 inch-pounds (7.9 to 10.1 Nm). Refer to TASK 20-21-00-910-801.

C. Testing

- (1) Open and close the baggage door several times. No binding is permitted.
- (2) Connect and energize the external dc power. Refer to TASK 24-42-00-861-801.
- (3) Do the operational test of the baggage door. Refer to TASK 52-31-00-710-801.
- (4) Remove the external dc power. Refer to TASK 24-42-00-861-802.

D. Close-out

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

E. 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).

3. MATERIAL INFORMATION

A. Kit

Kit 700K52-032 is necessary to do this Service Bulletin and contains the parts that follow:

NEW PART NO.	QTY	ITEM	USED PART NO.	INSTRUCTIONS - DISPOSITION
GC232-1000-1	1	Nylon Block	-	-

- NOTES:
1. In case of discrepancy between this list and the "Service Bulletin Kit Parts List" contained in the respective kit, then the latter list prevails.
 2. The actual quantity for some of the hardware contained in the kit can be greater than the amount shown in the table as these items are supplied in pre-packaged quantities.

B. Parts

No parts required.

C. Material

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

DESCRIPTION	PART No./NAME	SPECIFICATION	QUANTITY	SUPPLIER (See Note)
Abrasive Paper	Aluminum Oxide No. 180, and 280-Grit	-	As Necessary	Code: C
Epoxy Adhesive CT: 7 days	3M-EC-2216 B/A	-	As Necessary	Code: A
Sealant CT: 14 days	Pro-Seal 870 C-12	MIL-PRF-81733, Type IV	As Necessary	Code: A
Solvent	Diestone DLS or Diestone HFP or HFE-71DA	-	As Necessary	Code: B

- NOTES:**
1. Refer to the next table for each supplier's 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.

BOMBARDIER
GLOBAL EXPRESS
BOMBARDIER
GLOBAL EXPRESS^{XRS}

MODEL BD-700-1A10

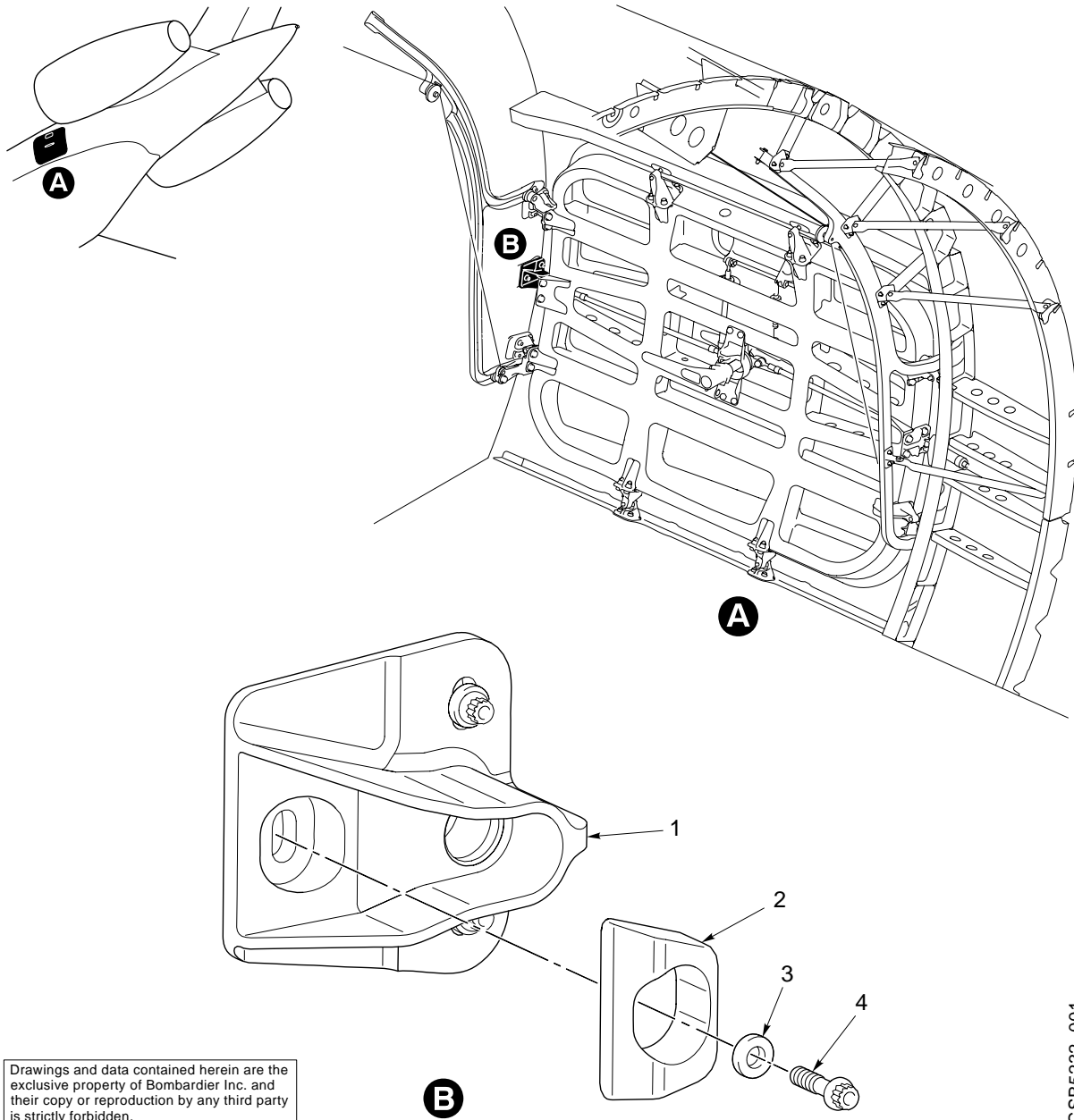
SUPPLIERS ADDRESSES BY CODES	
<p>Code: A</p> <p>3M Adhesives and Tape Division Bldg 21-1W-10, 900 Bush Ave. St Paul, MN 55144-1000, USA Tel.: (651)-737-6501 Fax: (651)-737-7117 Web: www.3m.com</p>	<p>Code: B</p> <p>MagChem/Socomor 1271 Ampere Boucherville, Quebec Canada, J4B-2X3 Tel.: (450) 655-1344 Web: www.magchem.com</p>
<p>Code: C</p> <p>Commercially Available</p>	

D. Publications

None.

BOMBARDIER
GLOBAL EXPRESS
BOMBARDIER
GLOBAL EXPRESS XRS

MODEL BD-700-1A10



Drawings and data contained herein are the exclusive property of Bombardier Inc. and their copy or reproduction by any third party is strictly forbidden.

GSB5232_001

Installation of the Nylon Block on the Aft Latch Fitting
Figure 1

SERVICE BULLETIN EVALUATION FORM

(Your ideas will help us provide better bulletins)

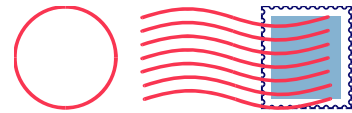
SERVICE BULLETIN: 700-52-032 **ISSUE:** Basic **DATED:** Jun 02/2008

TITLE: Modification – Baggage Door – Addition of a Nylon Block to the Baggage Door to Prevent an Unwanted EICAS Message

	STRONGLY DISAGREE	DISAGREE	NEUTRAL	AGREE	STRONGLY AGREE
<ul style="list-style-type: none"> • Instructions to do the Service Bulletin were accurate. Comments: 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> • Illustration(s), figure(s), and/or kit drawing(s) were helpful to carry out instructions. Comments: 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> • If a kit was required, did the kit contents received agree with the contents listed in the bulletin? Comments: 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> • The loose parts listed under Paragraph 3 were easily procured. Comments: 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> • Work was accomplished in the prescribed time. Comments: 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> • Overall, I was satisfied with this Service Bulletin. Comments: 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<i>For administrative use only</i>	PLEASE SUPPLY US WITH THE FOLLOWING DATA AND FAX TO: (514) 855-7634 OR E-MAIL TO: MTL_BBAD_SB_EVALUATION@AERO.BOMBARDIER.COM	
	0631TPMA69R3	OPERATOR: _____ AIRCRAFT SERIAL NO.: _____ TELEPHONE: _____ FACSIMILE: _____ NAME: (Please print) _____

THANK YOU FOR YOUR RESPONSE!
 PLEASE RETURN THIS COMPLETED EVALUATION FORM BY MAIL, E-MAIL OR FAX



Bombardier Business Aircraft Customer Services (BBACS)

P.O. Box 6087, Station Centre-ville
Montréal, Québec, Canada H3C 3G9

Attention: Customer Support Department

SERVICE BULLETIN INCORPORATION SHEET – “700-52-032”

Upon completion of the Service Bulletin, please fill in this form and either fold and mail in the envelope provided, or fax to:(514) 855-8798, or e-mail to Fracas at fracas.montreal@aero.bombardier.com

NOTE: For configuration control purposes, please fill out one form for each Service Bulletin.

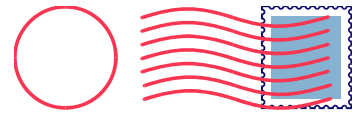
Service Bulletin Number	Rev.	* Parts Completed	Further Action Required	
			YES	NO
700-52-032	Basic	-	<input type="checkbox"/>	<input type="checkbox"/>
-	-	-	<input type="checkbox"/>	<input type="checkbox"/>
-	-	-	<input type="checkbox"/>	<input type="checkbox"/>

Actual hours to accomplish Service Bulletin:
 Access: _____ Modification: _____ Tests: _____ Restore: _____

* **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.

Is the aircraft enrolled on the CAMP computerized maintenance program?	Yes	No
	<input type="checkbox"/>	<input type="checkbox"/>

Aircraft Serial No.	_____	Aircraft Reg. No.	_____
Airframe Landings	_____	Airframe Hours	_____
Date of Incorporation	_____	Service Order No.	_____
Facility & Location Incorporation Bulletin	_____		
PRINT NAME	_____	DATE:	_____
SIGNATURE:	_____		



Bombardier Business Aircraft Customer Services (BBACS)

P.O. Box 6087, Station Centre-ville
Montréal, Québec, Canada H3C 3G9

Attention: Customer Support Department, Maintenance Engineering
