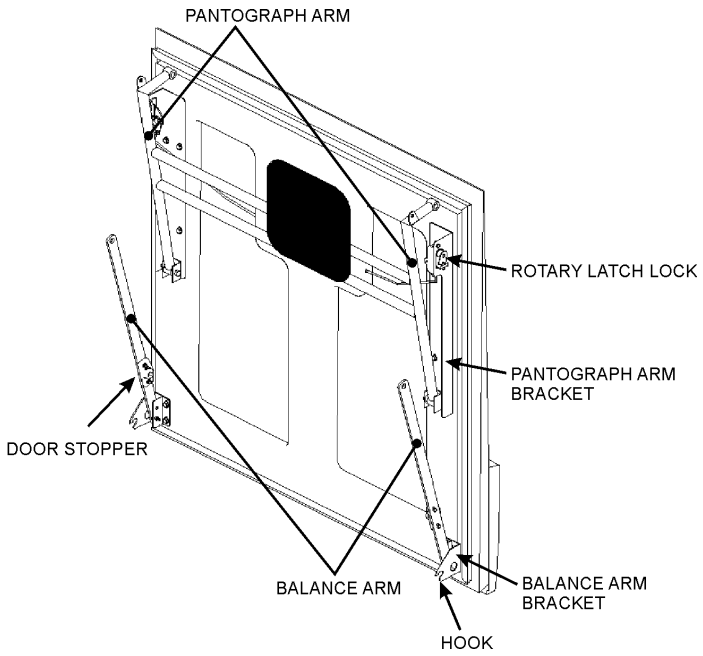
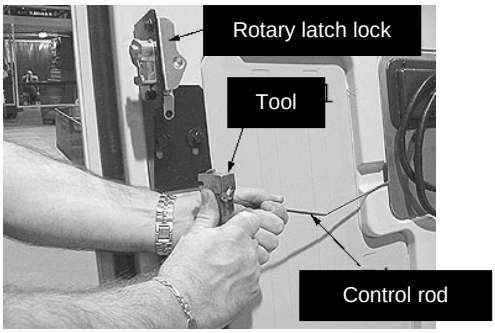
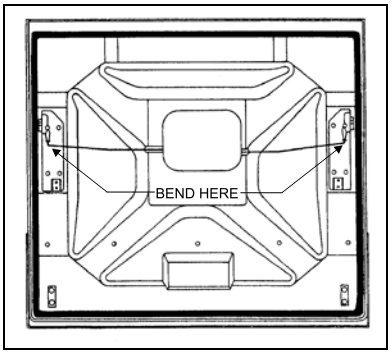
SAV00590	BAGGAGE COMPARTMENT DOOR H & VIP ADJUSTMENT	PREVOST
	Effective :	REVISION 00
		2007-02-12



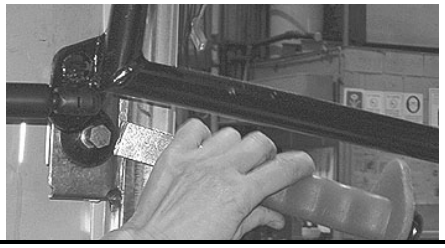
Two different open positions

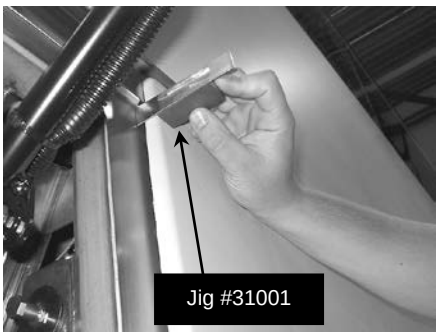
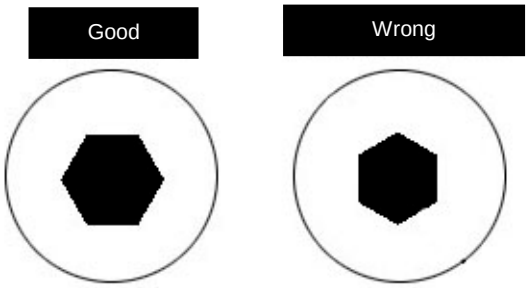
Standard position

VIP with awning windows

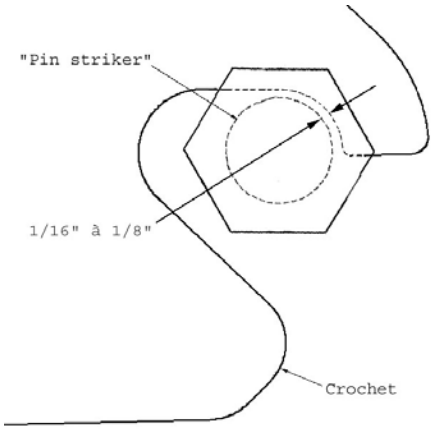
1.00	A)	Open the door and then close the two rotary latch locks. Pull gently on the door handle to check that both latches unlatch simultaneously (you will hear them as they release).	
	B)	If they do not unlatch simultaneously, gently bend the appropriate latch control rod until proper timing is achieved.	
1.20		**Door height adjustment – top**	
	A)	First, make sure that the mounting bolts securing the brackets (4x) on the inner side of the door are loose, so the brackets can move (2 balance arm brackets & 2 pantograph arm). With door closed, lift and adjust height so there is a gap of **4±1 mm (5/32±1/32")** between the top of the door and the angle along the side panel. Instead of measuring, you can use jig **#3221** for proper gap. In addition, the top of the door should be flush with the adjacent doors. The difference in height measurement of the doors should not exceed **1.5 mm (1/16")**.	

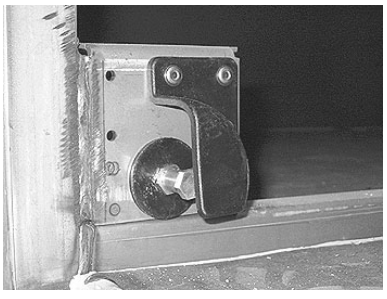
	B)	Pretighten the pantograph brackets.	
1.25	**Door adjustment - bottom**		
	A)	Slightly open the door, position it to obtain a gap of **100mm (4")** between structure and door panel upper lip. To ease this operation, use jig **#3244**. Maintain door in this position while pressing the bottom of the door against the structure with you knee.	
	B)	Have an assistant to complete tightening of the two bolts retaining door to each balance arm brackets (2 lower brackets). Do so on both sides of the door.	
1.30	**Gas cylinder adjustment**		
	A)	Fully open the door, loosen the two bolts retaining each gas cylinder support bracket to structure.	
	B)	Using a hammer, move the support bracket to the maximum towards the outside of the vehicle. You should see the support bracket slotted holes.	
	C)	Tighten cylinder support bolts.	

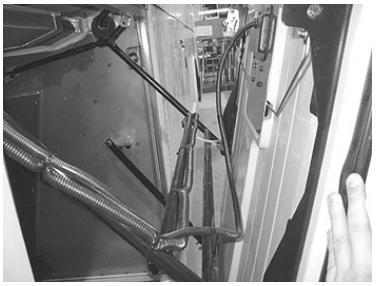
1.35	**Door stopper adjustment**		
	A)	Loosen the door stoppers mounting bolts. Adjust door stoppers position so that the pin rest against the bottom of the stopper.	
	B)	Pretighten door stoppers mounting bolts.	
	C)	With door fully open and pins engaged in the door stoppers, check if the lower lip of the door is flush with the adjacent doors (fully open). If not, pull the door to disengage the door stopper and using a hammer, move the door stoppers in order to shorten the stroke as necessary. In open position, the lower lip of the doors must be even in height within **6mm (1/4")**	
	D)	Tighten door stoppers.	
1.40	**Striker pins adjustment**		
	A)	First, mark the position of striker pins on structure to avoid upsetting the vertical adjustment of the pin.	

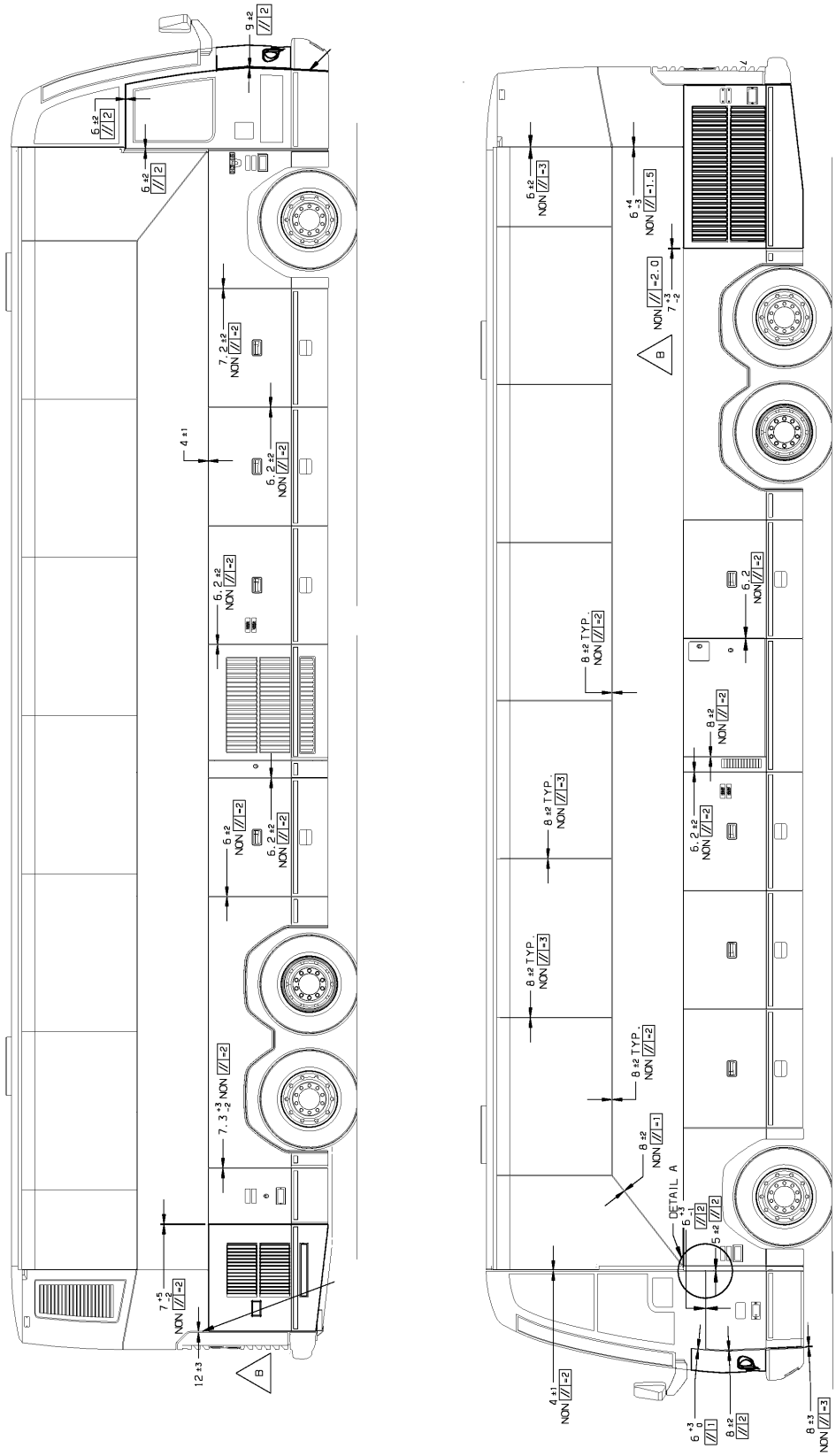
	B)	Loosen the striker pins just enough to allow them to be moved with a hammer and chisel. Close the door. Make sure the rotary latch locks are fully engaged, i.e up to the second lock position. You should hear two “clicks”. Working from inside compartment and with the door closed (lower catches engaged); hit the pin washers to horizontally move the pins and consequently the door. Moving the pins inwardly will bring the door closer to the stainless steel structural members but, this will compress more the rubber seal, which is not necessarily required. The door panel surface must be flush with the adjacent doors. A difference of **2mm (3/32“)** is accepted. **3mm (1/8”)** is accepted for the bottom of the doors.	
	C)	Using jig **#31001,** check for proper rubber seal compression at the <u>top</u> of the door panel. Use jig end identified H. Note 1: Distance between door panel surface and the SS structural member should not exceed **19 mm (3/4”)**. Note 2: If a vertical extrusion is fixed on the SS vertical member, use jig **#31002.**	
	D)	Striker pin position. *Note: Pay attention to the final orientation of the striker pin. If the striker pin hexagonal head is not properly oriented, it will interfere with the rotary latch, preventing proper functioning of the locking mechanism.*	

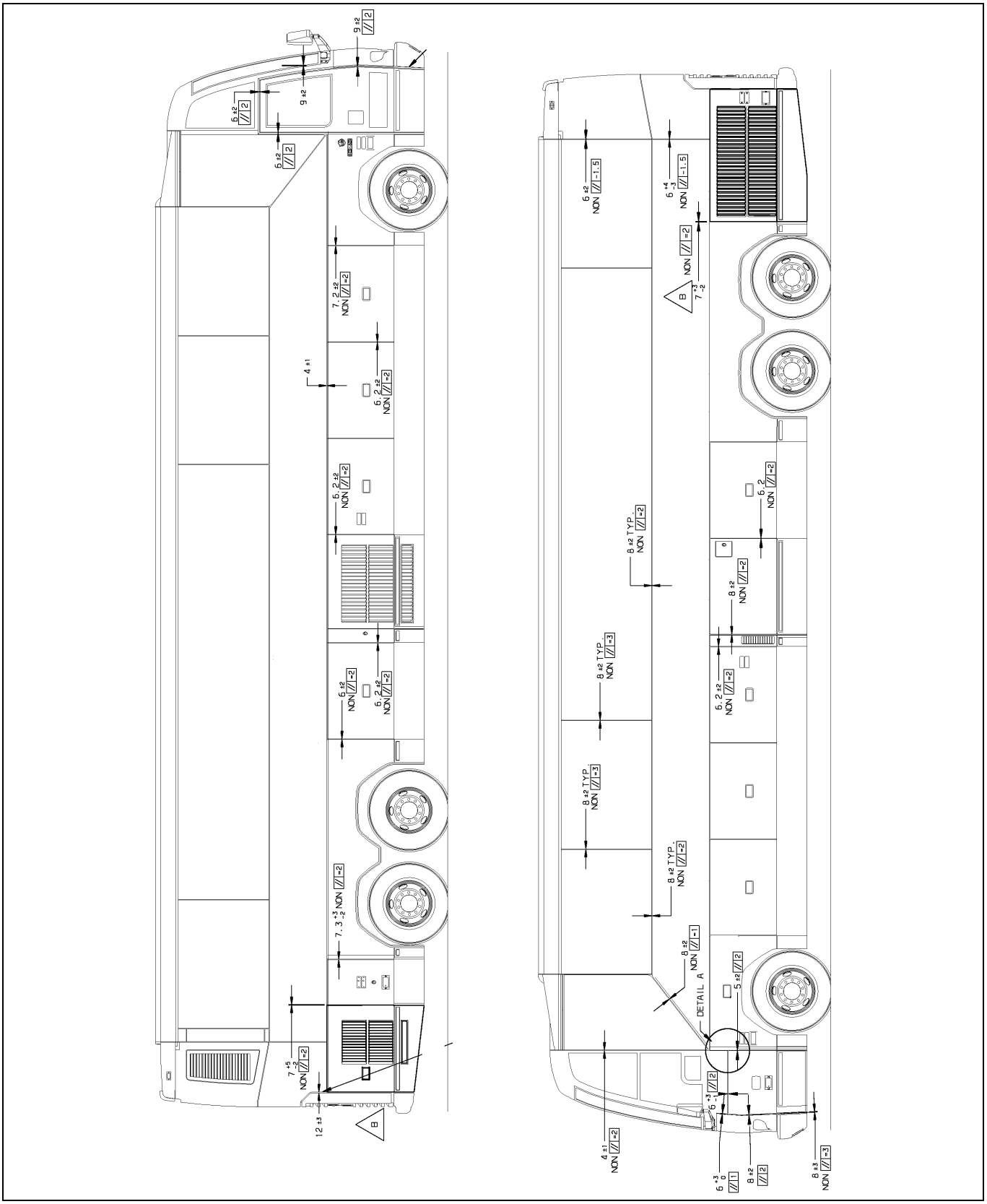
1.45	**Door adjustment - bottom** Using jig **#31001,** check for proper rubber seal compression at the <u>bottom</u> of the door panel. Use jig end identified B. Note 1: Distance between door panel surface (at the bottom) and the SS structural member should not exceed **24 mm (15/16")**. Note 2: If a vertical extrusion is fixed on the SS vertical member, use jig **#31002.** Door bottom adjustment is done by moving the balance arms bracket at the door, up or down. Lower the brackets to bring to door panel closer to the structure. Tighten the bolts from inside the compartment.	
1.50	**Door horizontal adjustment** Position the door horizontally in order to have an equal gap between each door. Center the door panel using shims #504660 as required. Refer to the diagram at the end of this document for proper gap. Dimensions on the diagram are in millimeter. 4±1mm is about 5/32±1/32" 6.2±2mm is about 1/4±3/32" 7.2±2mm is about 9/32±3/32" 8±2mm is about 5/16±3/32"	
1.55	**Lower striker pins adjustment** A) Loosen the lower striker pins just enough to allow them to be moved with a hammer and a chisel. Close the door. Make sure the rotary latch locks are fully engaged, i.e up to the second lock position. You should hear two "clicks".	

	B)	Working from inside compartment, move the striker pins in order to have a gap of **1/16”** to **1/8”** between the striker pin and door hook.	
	C)	Tighten striker pins.	
1.60	Proceed to a final tightening of all the bolts.		

1.65	A)	Once the door is properly adjusted and positioned, drill **Ø11/64’’** diameter hole between the two bolts on the pantograph arm brackets.	
	B)	Insert a crew **#5001017** to keep the door adjustment permanent.	
1.70	Using rivets, install the lower striker pin guard.		

1.75	Using nylon ties, fix all electrical harness to the pantograph arms.	 


DETAIL A
B
B


DETAIL A