



FIELD SERVICE CAMPAIGN – 18117

28 January 2018

SUBJECT:

Vandal Lock

MODELS INVOLVED:

IC Bus® Integrated CE C, CE S, RE C and RE S Bus

DEFECT DESCRIPTION:

Certain IC Bus® CE C, CE S, RE C and RE S buses may have been built without a CH545 Key (matched key) Vandal Lock as ordered by the customer.

ELIGIBILITY:

This procedure applies ONLY to vehicles marked in the International® Service PortalSM with FSC 18117. Also complete any other open campaigns listed on the Service Portal at this time.

TOOLS REQUIRED:

No special tools required

PARTS REQUIRED:

Part Number	Description	Quantity
4121136C1	Latch, Door, Bus Body, Vandal Lock, CH545 Key	1

Table 1 Parts Information

WORK INSTRUCTIONS

WARNING! To prevent property damage, personal injury, and / or death, park vehicle on hard flat surface, turn the engine off, set the parking brake, and install wheel chocks to prevent the vehicle from moving in both directions.

WARNING! To prevent personal injury and / or death, always wear safe eye protection when performing vehicle maintenance.

WARNING! To prevent property damage, personal injury, and / or death, keep flames or sparks away from vehicle and do not smoke while servicing the vehicle's batteries. Batteries expel explosive gases.

1. Park vehicle on flat surface.
2. Shift transmission into Park or Neutral and set parking brake.
3. Turn vehicle ignition to Key OFF position.
4. Install wheel chocks.
5. Locate vandal lock.

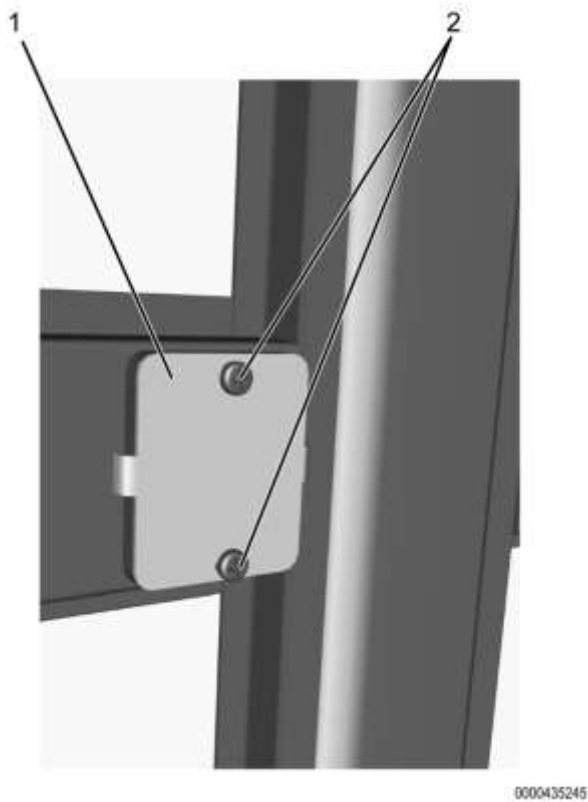


Figure 1. Vandal Lock Cover

1. Cover
2. Cover screw (2)

NOTE: Leave foam seal in place for reassembly.

6. Remove cover screws (Figure 1, Item 2) and cover (Figure 1, Item 1). Set aside for reuse.

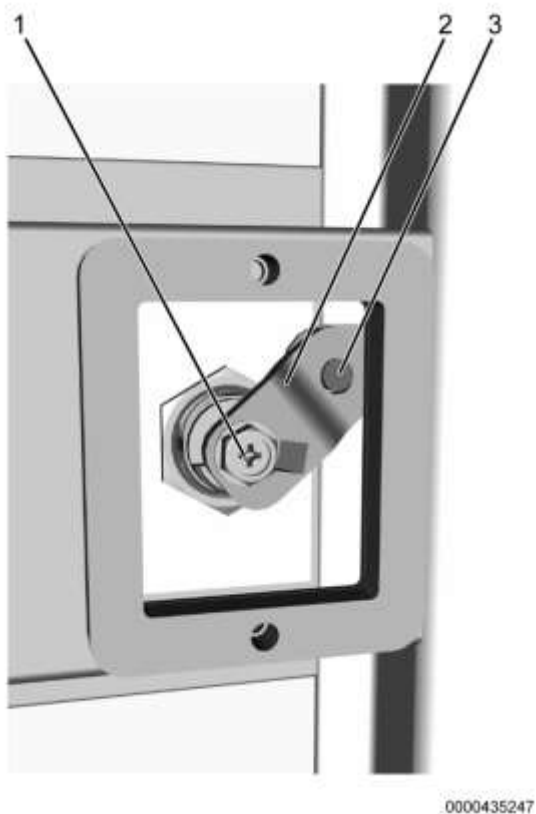


Figure 2. Latch Screw and Cam Bracket

1. Latch screw
2. Cam bracket
3. Weld stud bracket

NOTE: Do not reuse latch screw.

7. Remove latch screw (Figure 2, Item 1).

NOTE: Do not allow weld stud bracket to fall down vertical tube.

8. Remove cam bracket (Figure 2, Item 2).

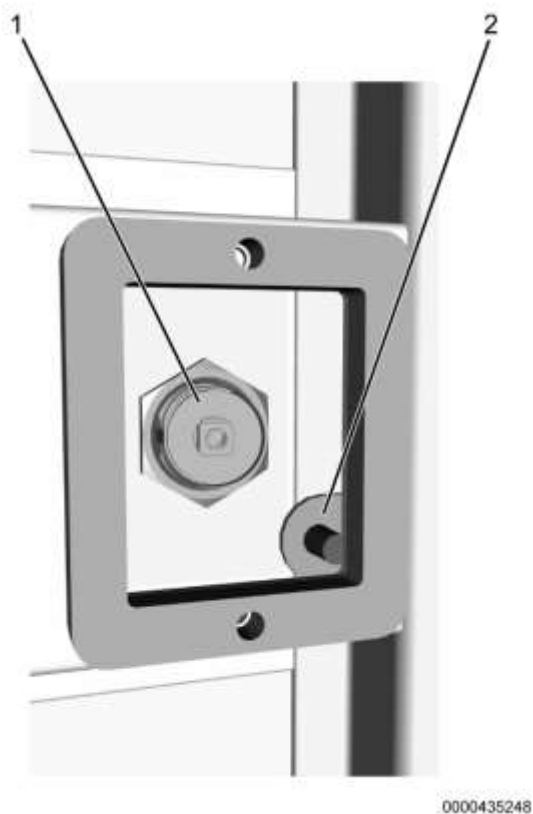


Figure 3. Latch and Weld Stud Bracket

1. Latch
 2. Weld stud bracket
-
9. Rest weld stud bracket (Figure 3, Item 2) inside horizontal door tube.
 10. Remove and dispose of latch (Figure 3, Item 1).
 11. Install new latch through hole in door.

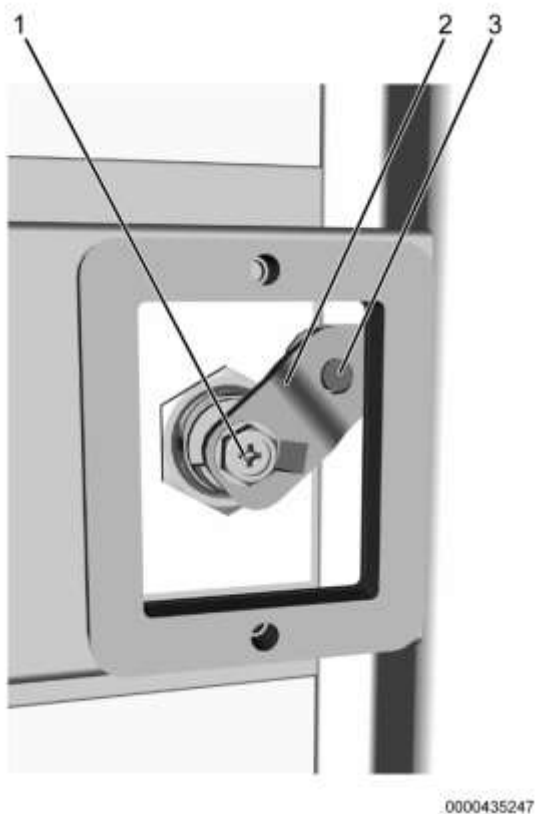


Figure 4. Cam Bracket and Latch Screw Position

1. Latch screw
 2. Cam bracket
 3. Weld stud bracket
12. Reposition cam bracket (Figure 4, Item 2) onto weld stud bracket (Figure 4, Item 3).



0000435250

Figure 5. Lock Symbol

1. Lock symbol
13. Position lock symbol (Figure 5, Item 1).
 - a. With outside latch pointing at 12 o'clock, raise cam bracket and install bracket at 2 o'clock position.
 - b. With outside latch pointing at 3 o'clock, raise cam bracket and install bracket at 4 o'clock position.
 14. Using a new latch screw, install and tighten screw.

15. Ensure vandal lock operation, with lock symbol at 9 o'clock position, push entrance door closed.
16. Rotate latch to locked position.
17. Attempt to pull door open.
 - a. If door locks, proceed to Step 20.
 - b. If door does not lock, proceed to Step 19.

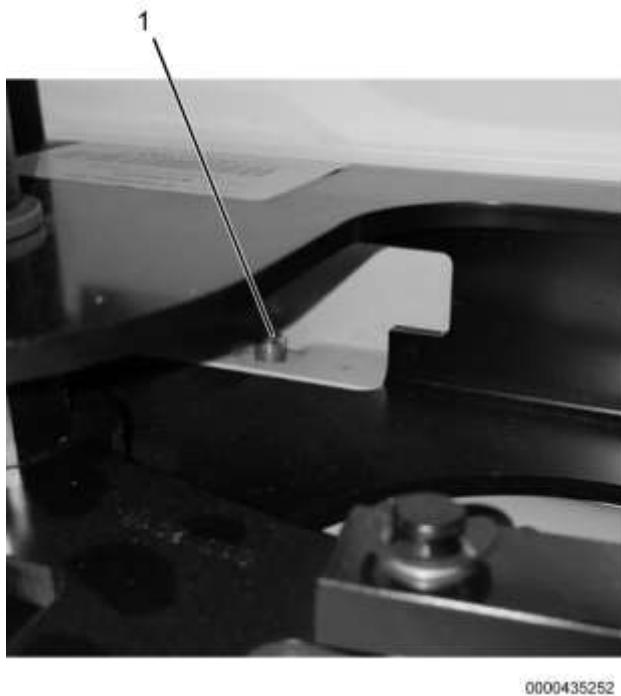


Figure 6. Lock Rod

1. Lock rod
18. Perform secondary validation.
 - a. From inside bus, with door locked, open plastic header door.
 - b. Ensure lock rod (Figure 6, Item 1) is extending above sheet metal level.
 - c. If lock rod is not clearly visible and door will not lock, repeat Steps 6 through 18.
 19. Install cover plate.
 20. Using a torque wrench, tighten screws to 4 lb-ft (5 N•m).
 21. Ensure key provided with kit is attached to vehicle keys.
 22. Remove wheel chocks.

LABOR INFORMATION

Operation number must appear on all claims.

Operation Number	Description	Time
A40-18117-1	Replace Door Lock	0.3 hr

Table 2 Labor Information

WARRANTY CLAIMS

Warranty claim expense is to be charged to Warranty. Claims are to be submitted in the normal manner, making reference to Field Service Campaign 18117.

Section 7 of the Warranty Policy and Procedures Manual contains further information related to the submission and processing of AFC / Recall claims.

As with all claim submissions, items acquired locally must be submitted in the “Other Charges” tab. The cost of any bulk items (such as a bag of cable tie straps, roll of wire, barrel of oil, or tube of silicone) should be prorated for the cost of the individual pieces / amount used during each repair.

To make sure this important improvement is made in a timely manner, all claims for 18117 activity must be submitted by 28 January 2020 or within the normal warranty period for the component, if after 28 January 2020.

GROUP	NOUN	C	WARR.	TP	PAD

GROUP — Enter number

NOUN — Leave blank

C (CAUSE) — Enter either 1, 2, 3. (See below)

- 1. Inspected (No repair required).
- 2. Inspected and repaired.
- 3. Defective part from parts stock.

WARRANTY — (Warranty Code) Enter 40.

TYPE PART — Enter P for type part causing failure.

PAD — Enter 100

0000047910