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**MIN – 15105**
07 May 2015

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**Subject:**

Inspection of Bolts on Braun Mounting Bracket

**Models Involved:**

CE and RE Busses equipped with Braun wheelchair lift.

**Defect Description:**

The wheelchair lift mounting bracket may have been installed with four mounting bolts instead of the required eight bolts.

**Tools Required:**

No special tools are required.

**Parts Required:**

<b>Part Number</b>	<b>Description</b>	<b>Quantity</b>
21711R1 or source locally	Flat Washer, .5" ID, 2.5" OD, .1" thick and Grade 5	4
120377 or source locally	Hex 3/8-16 UNC, Grade 5	4
40085R1 or source locally	Square Neck Carriage 3/8-16 X 3.0, Grade 5	4
120382 or source locally	Split Lock, 3/8, REG, STL, ZN6A	4

**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.

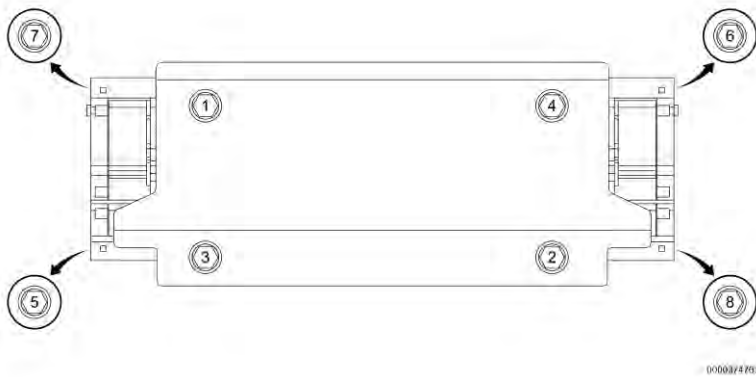
**WARNING!** To prevent property damage, personal injury, and / or death, if the vehicle must be raised, do not work under the vehicle supported only by jacks. Jacks can slip or fall over.

**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.

**WARNING!** To prevent property damage, personal injury, and / or death, remove the ground cable from the negative terminal of the battery box before disconnecting any electrical components. Always connect the ground cable last.

1. Park vehicle on a flat surface with wheels straight ahead.
2. Shift transmission to Park or Neutral and set parking brake.
3. Install wheel chocks.
4. Open wheelchair access door and lower wheelchair lift to ground.



**Figure 1. Threshold Plate With Torque Sequence.**

5. From the inside of bus, locate four black plastic plugs in hole locations 1, 2, 3, and 4 (Figure 1) on the threshold plate.
6. Remove four black plugs and save for installation.
7. If bolts are installed in locations 1, 2, 3 and 4, go to Step 15.
8. From underneath vehicle, loosen up bolts in locations 5, 6, 7 and 8 (Figure 1).

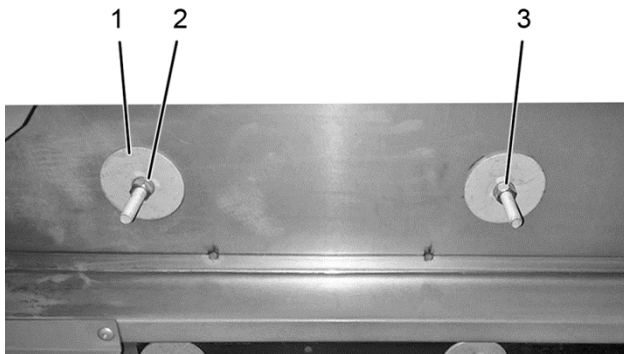


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**Figure 2. Threshold Plate – Drill Template.**

9. Drill a 3/8" hole through floor using hole location as a drill template (Figure 2).
10. If equipped, remove undercoating around recently drilled holes underneath vehicle.

11. From inside bus, install the four bolts to the threshold plate.



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**Figure 3. Under Vehicle Fastener Location.**

- 1: Flat washer
- 2: Lockwasher
- 3: Nut

12. Under bus, install hardware in the following order: flat washer (Figure 3, Item 1), lock washer (Figure 3, Item 2) and nut (Figure 3, Item 3).

13. Torque fasteners to 30 lb-ft (41 Nm). Refer to Figure 1 for torque sequence.

14. Apply undercoating, if originally equipped, to area where new hardware was installed.

15. Install previously removed plastic plugs to threshold plate.

16. Raise and stow wheelchair lift and close access door.

17. Remove wheel chocks.

## LABOR INFORMATION

Operation number must appear on all claims.

**Table 2** Labor Information

Operation Number	Description	Time
A40-15105-1	Inspect and Install 4 Braun Mounting Plate Bolts	0.5 hr

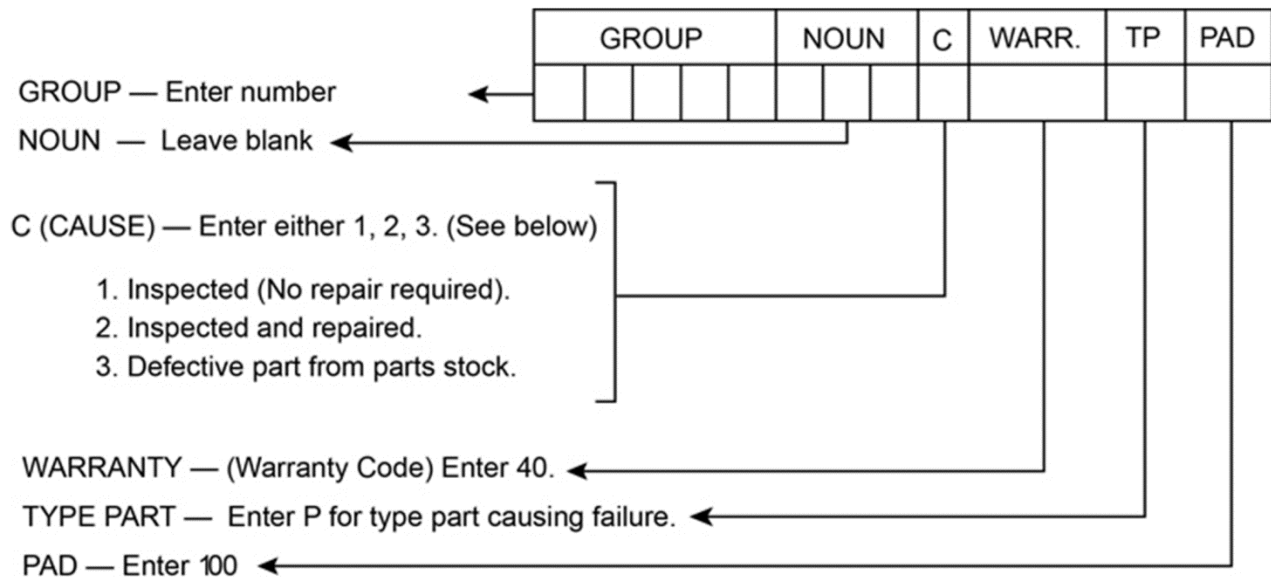
## WARRANTY CLAIMS

Warranty claim expense is to be charged to Warranty. Claims are to be submitted in the normal manner, making reference to Misbuild Investigation Notice 15105.

It is important that the coding be completed properly to assist in processing the warranty claim. Complete instructions will be found in the Warranty Policy Manual, Section 7.1.8.

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 15105 activity must be submitted by 07 May 2016 or within the normal warranty period for the component, if after 07 May 2016.



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