



Reliability Driven™

# Service Bulletin No. 3097B

|                                                       |                                    |                                |                              |
|-------------------------------------------------------|------------------------------------|--------------------------------|------------------------------|
| MODEL<br><b>D / J4500</b>                             | TYPE<br><b>Product Improvement</b> | SECTION/GROUP<br><b>3-Body</b> | DATE<br><b>Nov. 22, 2016</b> |
| SUBJECT<br><b>PARCEL RACK COMPARTMENT DOOR RATTLE</b> |                                    |                                |                              |
| CONDITIONS                                            |                                    |                                |                              |

## Description:

MCI has made an improvement to the parcel rack compartment door installation. This improvement will minimize parcel rack compartment door rattling.

Owners of D series coaches between the range of, and including, unit numbers 13117 to 14372, 14378 to 14449 and J4500 model coaches between the range of, and including, unit numbers 66610 to 67986, 67905 and 67945 may order this kit if required.

## Parts

| Qty. | New P/N    | Description                  |
|------|------------|------------------------------|
| 1    | 26-03-0093 | Kit, Parcel rack Door Rattle |
|      |            | <i>Kit Contents are:</i>     |
| 40   | 19-02-0430 | Bump Head, Rubber            |
| 20   | 03-08-5605 | Foam Noise Isolator          |
| 60   | 19-02-0429 | Spacer Shim                  |
| a/r  | 23-02-0088 | Loctite                      |

## Service Information:

1. Owners of the affected coaches may order the above parts kit for each affected coach without charge.
2. Subsequent service part replacements may be purchased from MCI Service Parts.

Service Procedure:



**Read this entire procedure before beginning work.**

**Use Safe Shop Practices At All Times.**

1. Turn the main battery disconnect to the OFF position.
2. Chock both sides of the tires.
3. Open all the parcel rack compartment doors.
4. Locate the existing affixed bumper, as applicable, on the parcel rack strut ( Figure 1 ). Remove and discard the existing bumper.

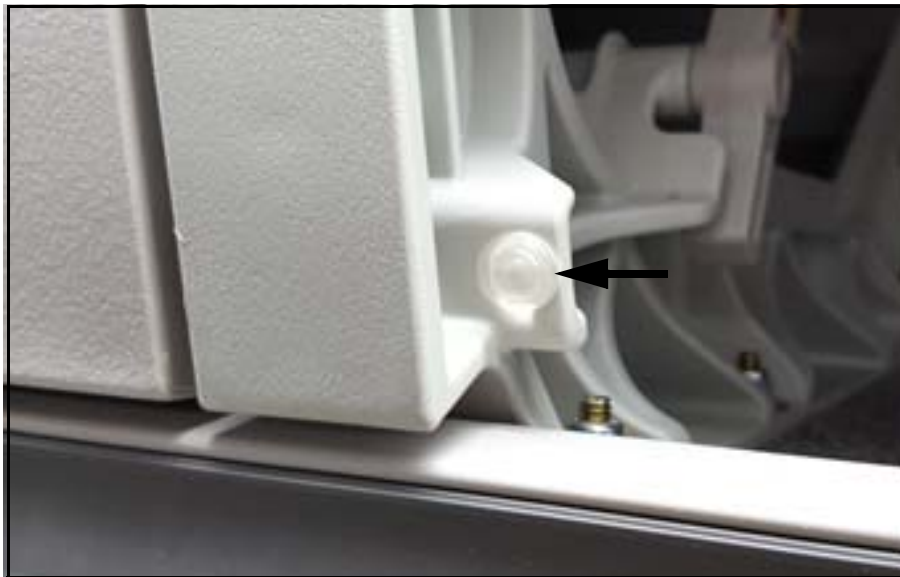


**Figure 1.**

5. Using a square and a pencil, mark intersecting vertical and horizontal lines in the center of the parcel rack strut as shown in Figure 2.



**Figure 2.**

## NOTICE

***Ensure that the drilled hole is directly in the center of the parcel rack strut as shown in Figure 3.***

6. Using a 0.25 inch drill bit and a drill, drill a hole where the two drawn lines intersect ( refer to Figure 3 ). Erase any visible pencil marks. Clean to remove any burrs from drilling.

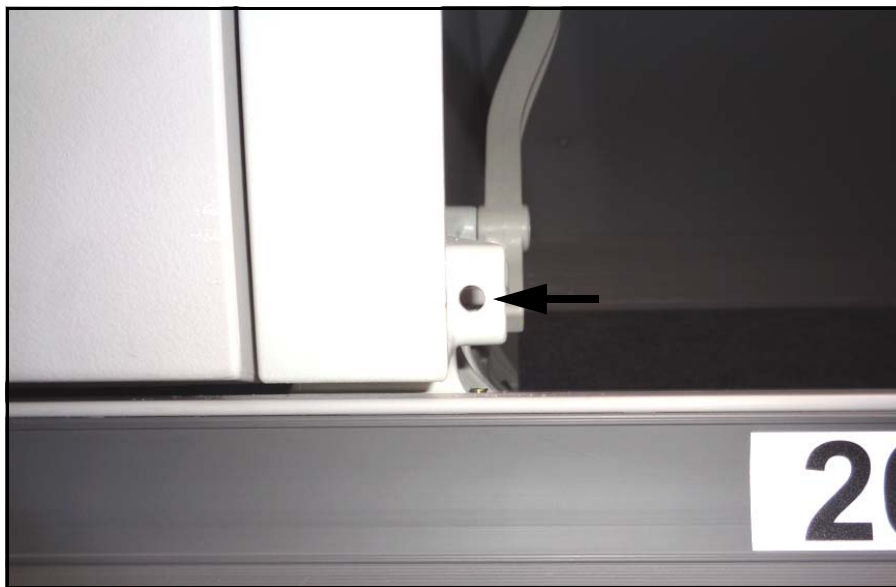


**Figure 3.**

7. Orient and push to install the rubber bump head, p/n 19-02-0430, in the drilled hole as shown in Figure 4.



**Figure 4.**

8. Locate the three ( 3 ) shoulder bolts for the short and long door links shown in Figure 5.

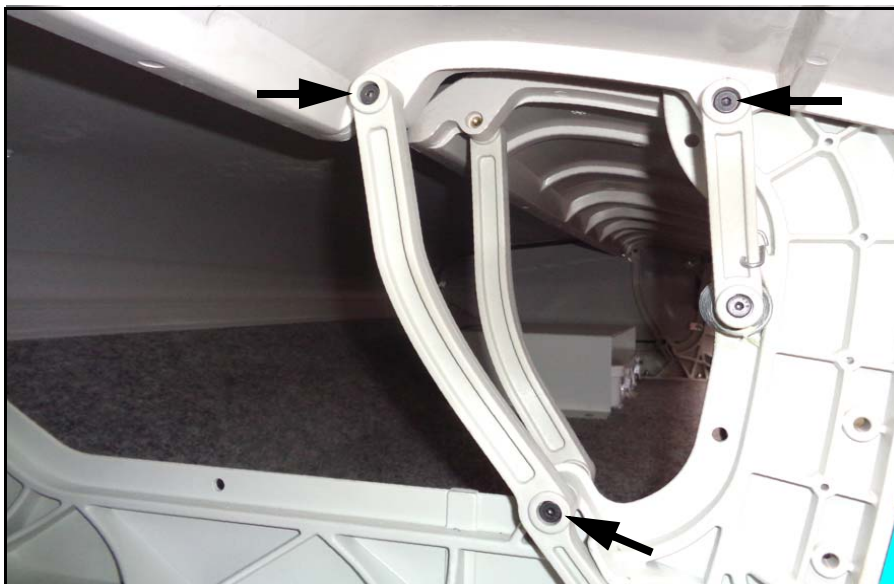


Figure 5.

## NOTICE

*Remove and re-install one ( 1 ) shoulder bolt at a time.*

9. Remove one ( 1 ) shoulder bolt. Position the spacer shim, p/n 19-02-0429, on the shoulder bolt ( Figure 6 ). Apply Loctite to the shoulder bolt threads. Re-install shoulder bolt with spacer shim in the existing hole. Torque to 18 to 22 in-lbs. Repeat this step for the remaining two ( 2 ) shoulder bolts.



Figure 6.

10. Using a 50 / 50 mixture of alcohol and water, clean the installation area under the lower, latch catch plate shown in Figure 7.

## NOTICE

***Allow enough time for the 50 / 50 mixture of alcohol and water to flash off.***

11. Locate and remove the protective film covering the adhesive surface of the noise isolator foam, p/n 03-08-5605. Orient and push to affix the noise isolator foam under the lower latch catch plate shown in Figure 7.

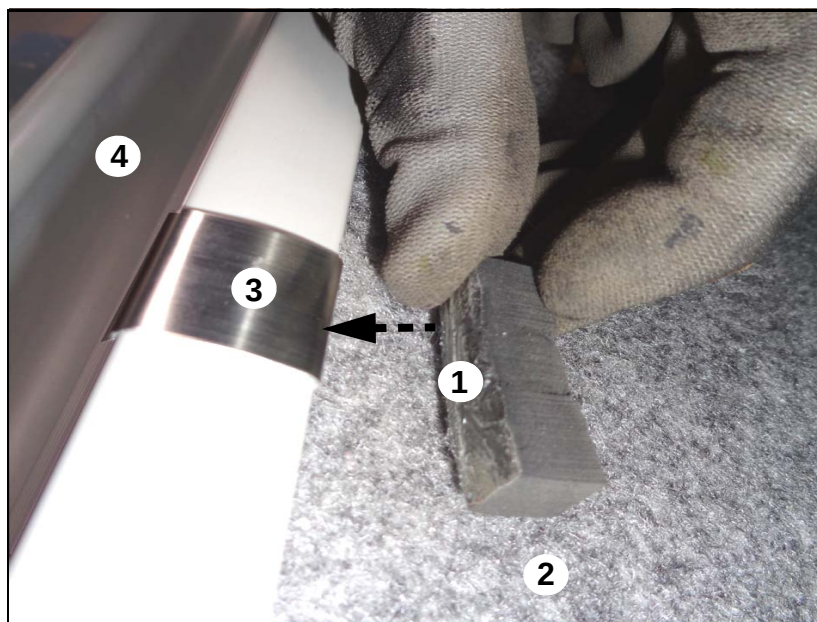


**Figure 7.**

| Item | Figure 7 Description                        |
|------|---------------------------------------------|
| 1    | Adhesive surface of the noise isolator foam |
| 2    | Parcel rack compartment floor               |
| 3    | Lower, latch catch plate                    |
| 4    | Parcel rack handrail                        |

12. Repeat Steps 4 to 11 on opposite side of parcel rack compartment.
13. Repeat Steps 4 to 12 to remaining roadside and curbside parcel rack compartments.

*Procedure Complete.*