



Subject: Engine Door Debonding Inspection			
Field change Program: Service Bulletin	Bulletin Number: 3149	Revision: A	Date: 02/10/2021
Coach Section: 03-Body	P/N: 03-31-4155		Type: Service Information

Application:

Coach Model	Model Year	VIN
J4500	2018 - 2019	67865, 68378, 68380, 68386, 68391 - 68393, 68396, 68399, 68402, 68403, 68408, 68409, 68411, 68413 - 68416, 68420 - 68425, 68427 - 68434, 68436 - 68449, 68451 - 68456, 68461 - 68465, 68468, 68475, 68485, 68492, 68494 - 68501, 68509, 68519, 68521, 68522, 68525, 68528, 68530, 68533, 68537 - 68542, 68545, 68546, 68550, 68552, 68553, 68555, 68563, 68564, 68568 - 68572, 68574 - 68576, 68587 - 68590, 68602, 68614, 68617, 68619 - 68621, 68626 - 68629, 68631, 68637, 68639, 68642, 68647, 68648, 68653, 68666, 68668, 68675, 68676, 68687 - 68689, 68692, 68693, 68697 - 68701, 68703 - 68705, 68711, 68712, 68719, 68721, 68723 - 68727, 68735 - 68739, 68742 - 68745, 68747, 68748, 68750 - 68762, 68770, 68773, 68774, 68784, 68785, 68788, 68794, 68805, 68818, 68821, 68825, 68829, 68852 - 68854, 68856 - 68858, 68860 - 68865, 68867, 68874, 68878, 68882, 68887, 68888, 68890 - 68894, 68896, 68897, 68902, 68911 - 68914, 68924, 68925, 68931, 68932, 68934, 68936, 68962, 68966 - 68968, 68982, 68985, 68989, 68991, 68994 - 68996, 68999, 69000, 69003, 69004, 69008, 69009, 69011, 69012, 69014 - 69029, 69031 - 69048, 69053, 69054, 69056, 69058, 69063, 69072, 69073, 69078 - 69081, 69086, 69087, 69090, 69092, 69096 - 69099, 69103, 69104, 69107, 69109, 69111, 69150 - 69152, 69161, 69162, 69164, 69165, 69171, 69172, 69178, 69208, 69209, 69211, 69217, 69219 - 69222, 69233, 69431, 69469

 **WARNING**

Read this entire procedure before beginning work.

Use Safe Shop Practices at All Times.

To avoid personal injury:

- a. Proper Personal Protective Equipment (PPE) must be worn. Safety glasses and protective gloves are required for working with DEF Fluid.*
- b. Turn the main battery disconnect switch to the OFF position.*
- c. Ensure that both the front and the rear wheels are chocked.*
- d. Position the ENGINE RUN and ENGINE START switches on the engine compartment remote control box to the OFF position.*
- e. Allow enough time for components to cool down prior to working in the engine compartment.*

1.0 Description

This bulletin outlines steps to inspect engine compartment door de-bonding.

2.0 Material requirements

Refer to Section 5.1.

3.0 Special tools

Spray lubricant, MCI P/N: 23-01-0020.

4.0 Inspection

Open the engine door using the latch behind the curbside service door.



Rotate the lever
counterclockwise

Inspect to see if the fiberglass section of the door is intact to the metal frame.



If the fiberglass section of the door is intact to the metal frame, continue to Section 5.0. Otherwise, contact your MCI representative or nearest MCI service center to rework the door using internal procedure P03-267.

Bad

Good



Fiberglass section is separated from metal frame. Contact MCI representative or nearest MCI service center for rework



Fiberglass section is intact to the metal frame. Continue to Section 5.0

5.0 Replacing shoulder screws

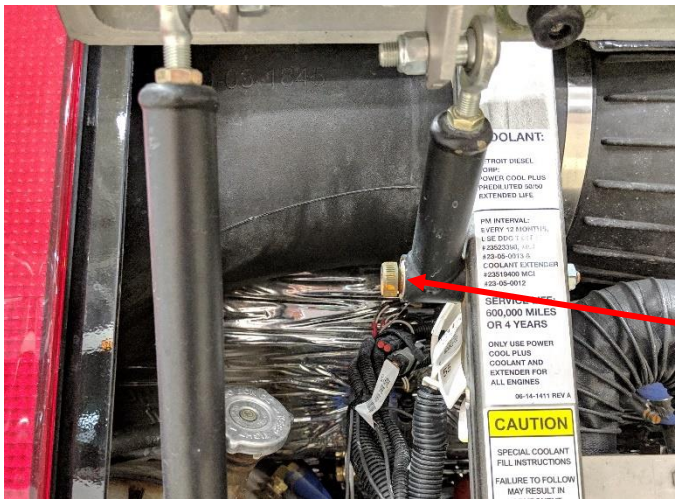
This section of the procedure is not required if the fiberglass section of the door is observed to be de-bonded from the metal frame.

5.1 Material requirements

ITEM	PART NO	QTY	U/M	DESCRIPTION
1	19-01-2385	2	EA	Screw- Shoulder, .5X3.25 SS

5.2 Rework

On the driver side, remove the shoulder screw, lock nut bonding short link assembly to the frame tube. Save the lock nut for later use and discard the shoulder screw.



Remove and save the lock nut.
Discard the shoulder screw

Re-install the short link using a new shoulder screw, MCI P/N: 19-01-2385, and existing lock nut. Torque the shoulder screw to 21 FT-LBS.



Re-install short link assembly
using shoulder screw, 19-01-
2385, and existing nut

Repeat the steps on the curbside.

Apply spray lubricant, MCI P/N: 23-01-0020, to hinge joints.

Lubricate hinge joints regularly following the service intervals specified in MCI maintenance manual.

End of the procedure