

Subject: D4500 Hub Cover Rework			
Field Change Program: Procedure	Procedure Number: 15-05	Revision: A	Date: 04/23/2020
Coach Section: 15-Wheels	P/N: 15-01-1391		Type: Product Improvement

Application:

Coach Model	Model Year	VIN
D4500	2020	15537 - 15564

⚠ 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 procedure outlines the steps to install Alcoa nut covers on the front, tag axle wheels, and change the mounting hardware for the drive axle hub cover.

2.0 Material requirements

ITEM	PART NO	QTY	U/M	DESCRIPTION
1	15-01-1163	4	EA	Cover-Hub, FRT
2	19-1-671	4	EA	Screw-Machine, Pan HD, 1/4-20 X 1.50SST
3	19-03-0621	8	EA	Nut-Nylon 1/4-20 UNC
4	19-2-23	4	EA	Washer-FL, 1/4"-0.28ID, 0.625OD, SST

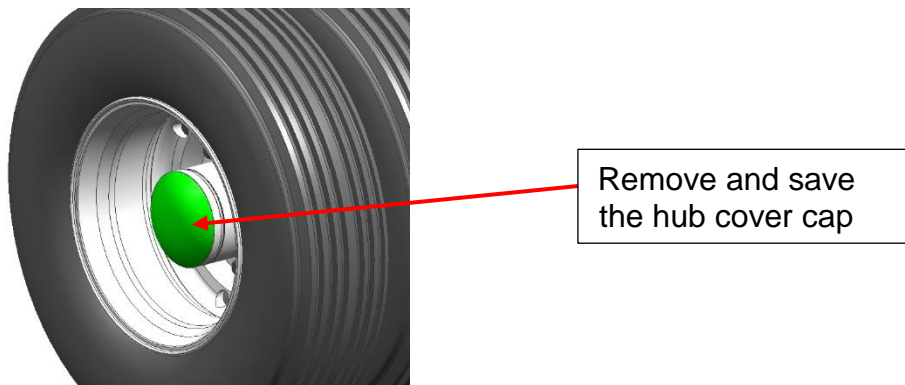
3.0 Special tools

3" hole saw with 3/8" pilot bit.

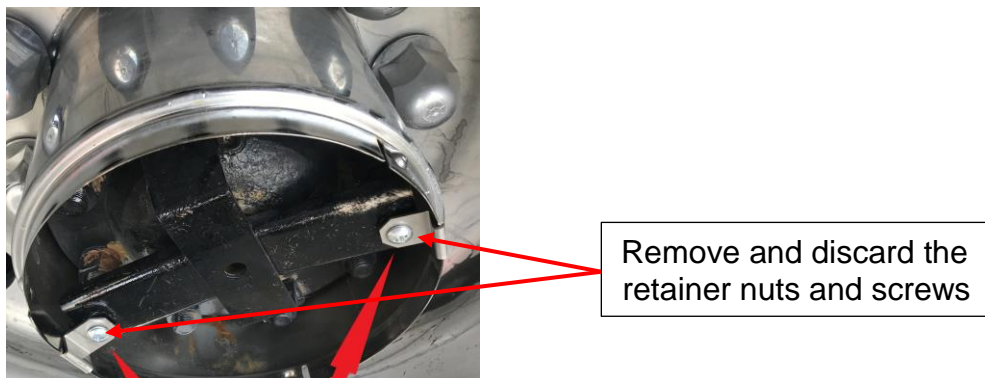
4.0 Procedure

4.1 Drive axle

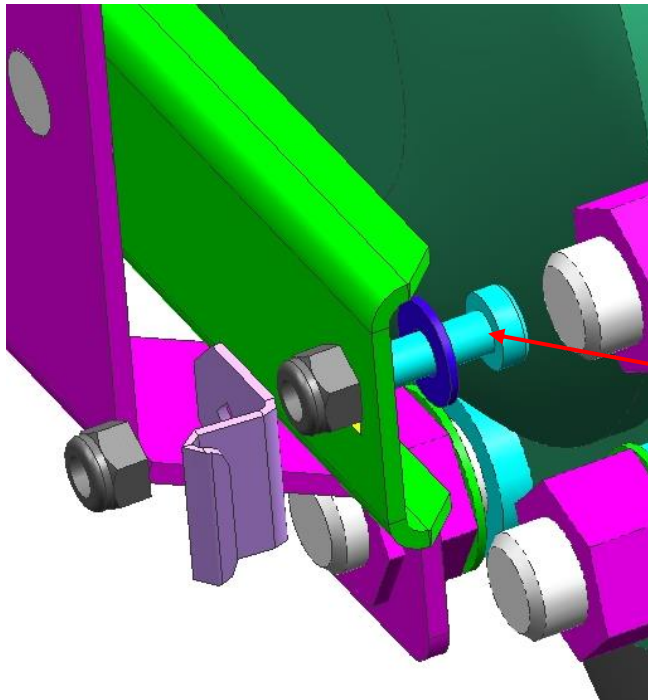
Remove and save the hub cover cap on the drive axle wheel on the driver side.



Remove and discard the retainer nuts and screws securing the bracket.



Secure the hub cover to the bracket using screws, MCI P/N: 19-1-671, washers, MCI P/N: 19-2-23, and locknuts, MCI P/N: 19-03-0621, as shown below.



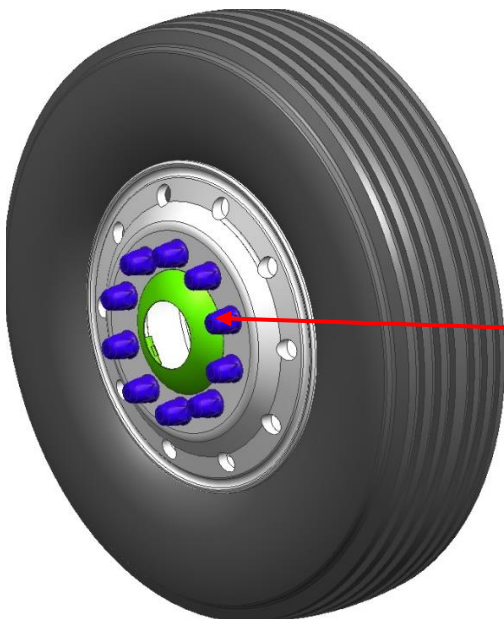
Secure the hub cover to the bracket using screws, P/N: 19-1-671, washers, P/N: 19-2-23, and locknuts, P/N: 19-03-0621

Re-install the hub cover cap.

Repeat the steps on the curbside.

4.2 Front and tag axle wheel

Remove nut covers and hub cover on the LH tag axle wheel. Save the nut covers and discard the hub cover.



Remove nut covers and hub cover

Apply masking tape, on the new hub cover, MCI P/N: 15-01-1163, and drill a 3/8" pilot hole in the center.

Using the existing pilot hole as template drill 3" hole using 3" hole saw.



Apply masking tape and drill a 3" hole in the new hub cover, P/N: 15-01-1163

⚠ WARNING

Use cut-resistant gloves while holding the hub cover.

Use face mask while drilling the hole and the drilling must be done in a well-ventilated area as the drilling could release toxic gases.

Install the modified hub cover to the wheel using existing nut covers. Turn the nut covers approximately five full turns until the nut cover clamps the hub cover tightly against the wheel.



Install the modified hub cover using nut caps

Repeat the steps on the curbside tag wheel, driver side, and curbside front wheels.

End of the procedure