

1/15/2020  
CAL FTL 31-002

## **Subject: Fifth Wheel Air-Operated Kingpin Release Functionality Inspection**

**Models Affected: Specific 2020 model year Freightliner Cascadia and M2 vehicles manufactured in Santiago between January 16, 2019, and November 26, 2019 equipped with a dash controlled fifth wheel air operated king pin release valve.**

Valley Cartage,

Our records indicate that you are the owner of 52 trucks built between 01/16/2019 & 11/26/2019 at the Santiago plant and therefore DTNA is sharing the following documentation with you.

Please see the attached communication in this email. We hope you find this information helpful.

1/15/2020  
CAL FTL 31-002

## Work Instructions

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## Fifth Wheel Air-Operated Kingpin Release Functionality Inspection

### Test Pre-Conditions

1. Park the vehicle, shut down the engine, set the tractor parking brake and chock the rear tires.
2. Start and run the engine until the air tanks are filled to operating pressure. Shut down the engine.
3. Using the appropriate fifth wheel tool close the fifth wheel jaws into a fully locked position.

### Testing Procedure

1. Turn the ignition ON and insure the tractor parking brakes are set.
2. Pull the air-actuated kingpin release knob on the dash panel to open the jaws of the fifth wheel. See [Fig. 1](#).



Fig. 1, Air-Actuated Kingpin Release Knob

3. Exit the cab and visually inspect the fifth wheel to confirm that the jaws are in a fully **open** position.
4. Using the appropriate fifth wheel tool, close the fifth wheel jaws into a fully locked position.
5. Turn the ignition on and **release** the tractor parking brakes.
6. Pull the air-actuated kingpin release knob on the dash panel to open the jaws of the fifth wheel.
7. Exit the cab and visually inspect the fifth wheel and confirm that the jaws have remained in a fully **locked** position.

1/15/2020  
CAL FTL 31-002

8. If both of the conditions in steps 3 and 7 are met, the system is functioning correctly.

 **WARNING**

**WARNING:** If in step 7 the fifth wheel jaws are found to have opened with the tractor parking brakes released, do not connect the tractor to a trailer and do not put the truck into service.

- 9. If the conditions in steps 3 and 7 are **NOT** met, contact your local certified Daimler service provider for additional troubleshooting and repair.
- 10. Record the serial number and mileage and the results of each vehicle inspected and the email the results of the inspection to james.jacobs@daimler.com

## Standard Repair Time

See **Table 1** for OWL VMRS codes and labor allowance information.

OWL VMRS Codes and Labor Allowance					
Primary Failed Part	Component Code	Cause Code	SRT Code	Description	Time: Hours
23-14398-002	053-008-004	28	996-1039A	Inspection	0.3

**Table 1, OWL VMRS Codes and Labor Allowance**