



Subject: J-Coach ESP/ABS Pressure Sensor Rework			
Field Change Program: Field Campaign	FCP Number: 472	Revision: A	Date: 01/21/2020
Coach Section: 07- Electrical	P/N: N/A		Type: Product Integrity

Application:

Coach Model	Model Year	VIN
J4500	2018 - 2019	68377 - 69514
J3500	2019	68877, 68909, 68935, 68965, 21000 - 21030

This field campaign does not necessarily apply to all the above-mentioned coaches. The owners of the coaches affected by this field campaign will be advised by a letter indicating the Vehicle Identification Number (VIN) of each coach concerned.

⚠ 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

Customer Complaint:

Motor Coach Industries ("MCI") is advising owners that certain MY2018 and MY2019 J4500 and MY19 J3500 coaches have intermittent ESP/ABS plausibility fault codes (SPN 1067) from the Bendix ESP/ABS controller. This results in the loss of adaptive cruise control and a warning light will illuminate.

Cause:

The Bendix ESP/ABS pressure sensor electrical connectors (ST-P544/ST-P545) were reversed during installation.

Corrective Action:

MCI strongly urges owners of the affected coaches to have the following procedure performed as soon as possible.

2.0 Material requirements

No material required.

3.0 Special Tools

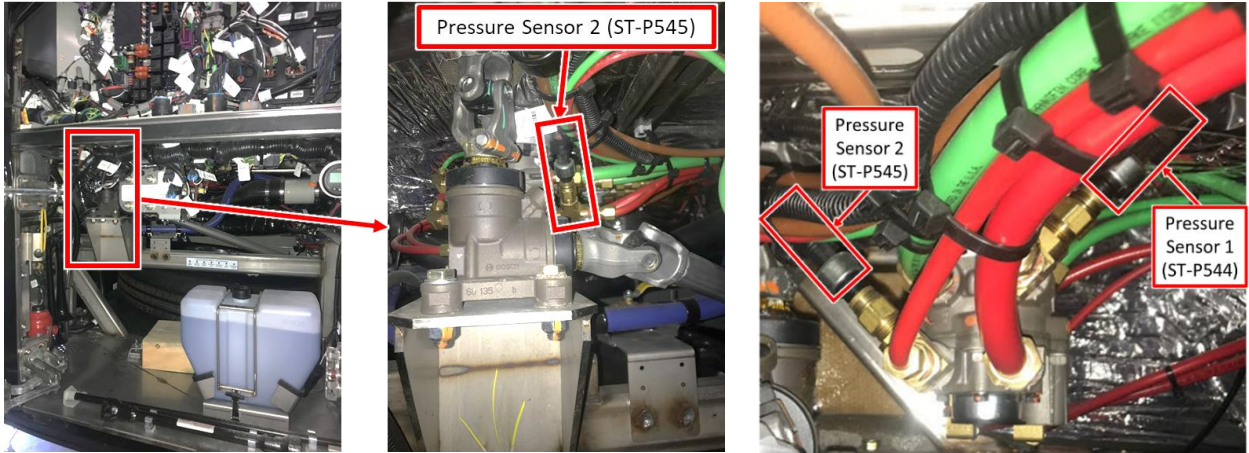
No special tools required.

4.0 Inspection

Locate the front junction box (FJB) on the front left side of the coach. Open the front junction box by pulling the handle by the driver left hand console.



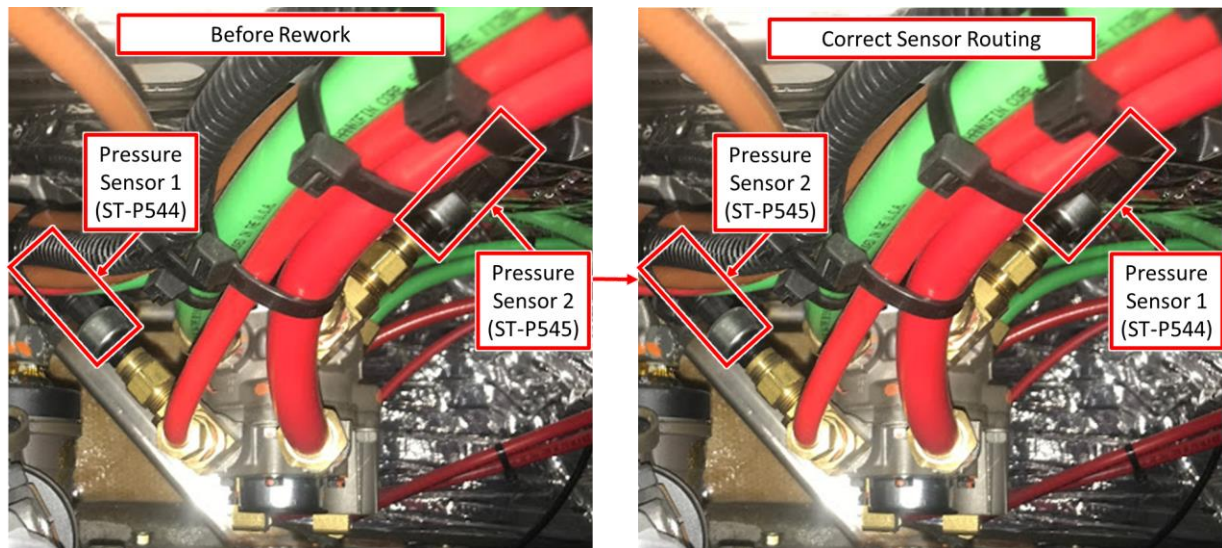
Under the driver's floor in the FJB, locate the two pressure sensors on the pedal assembly fittings. Ensure the electrical connector labeled ST-P544 is connected to pressure sensor 1 and the electrical connector labeled ST-P545 is connected to pressure sensor 2 on the ESP/ABS Bendix harness. Pressure sensor 1 is connected to the green air delivery hose and pressure sensor 2 is connected to the red air delivery hose.



If either of the sensors' electrical connections are incorrect, continue to **section 5.0**. Otherwise the work is complete.

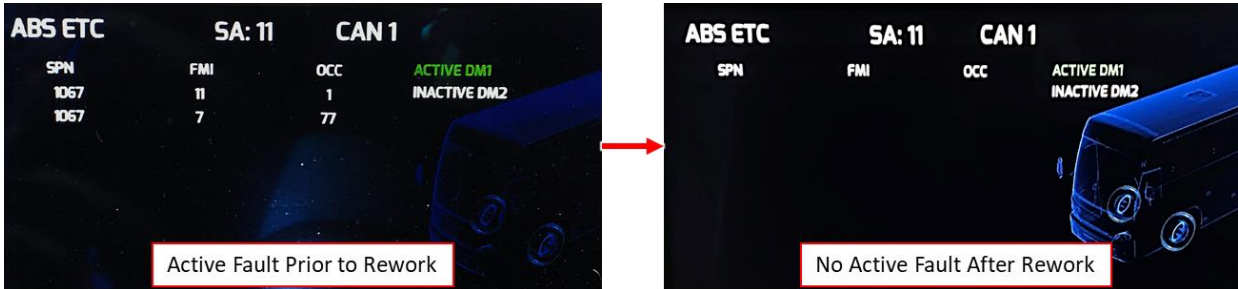
5.0 Correcting pressure sensor electrical connections

Remove both electrical connectors labeled ST-P545 and ST-P544. Connect the electrical connector labeled ST-P544 to pressure sensor 1, green air delivery hose, and the electrical connector labeled ST-P545 to pressure sensor 2, red air delivery hose. Secure both sensor wires with zip ties as needed.



6.0 Testing and Validation

Once both pressure sensors' electrical connections are corrected, cycle the power on the Main Battery Disconnect switch. Using the steering wheel controls, enter the diagnostic menu in the IP and select ABS ETC. The plausibility error (SPN 1067) should no longer be active. This completes the procedure.





7.0 Field Change Program Conditions:

A labor allowance of 0.5 hours will be granted for the rework.

This labor allowance will be credited to your MCI Fleet Support Parts Account on receipt of the attached "MCI Field Change Program Verification Form" and a "Warranty Claim Form" as detailed in your Owner Warranty manual to MCI's Warranty department. An "MCI Field Change Program Verification Form" needs to be submitted for each VIN affected. Photocopy the attached "MCI Field Change Program Verification Form" as required for the number of affected coaches in your fleet.

This program will end on August 31, 2020.

Motor Coach apologizes for any inconvenience resulting from this campaign but urges you to implement this change as soon as possible.

Sincerely,

Motor Coach Industries



7.1 MCI FIELD CHANGE PROGRAM (FCP) VERIFICATION

CONTACT INFORMATION	
CUSTOMER NAME: _____ (PLEASE PRINT)	
FCP INFORMATION – ONE FORM PER UNIT	
FCP#: _____ Coach Model _____ Model Year _____	
COACH SERIAL #: (At least the last 5 digits)	DATE COMPLETED __ / __ / ____
MILEAGE:	
IMPORTANT: TO RECEIVE CREDIT FOR ANY ALLOWABLE LABOR CHARGES, THIS VERIFICATION FORM MUST BE RETURNED TO MCI UPON COMPLETION OF THE FCP.	
SUBMITTED BY: (Please Print) _____ DATE __ / __ / ____	
TITLE: (Please Print) _____	
SIGNATURE: _____	
COMMENTS: 	



FAX TO: 800-360-8886

Mail or fax the completed limited warranty claim form and verification form to MCI's warranty department, or photocopy and mail to:

MCI Fleet Support

Attn: Warranty Department

7001 Universal Coach Drive Louisville, KY 40258

Fax Number 1-800-360-8886

To receive credit for the hours used to complete this task. Contact the MCI Fleet Support Technical Center at 1-800-241-2947 for any further information.