



Reliability Driven™

Service Bulletin No. 399

<i>MODEL</i>	J4500 Series	<i>TYPE</i>	Field Change Program	<i>SECTION/GROUP</i>	7-Electrical	<i>DATE</i>	Oct. 2, 2013
<i>SUBJECT</i>	WABCO ESC/ ABS ECU						
<i>CONDITIONS</i>							

Customer Complaint:

Motor Coach Industries ("MCI") has become aware that the incorrect electronic control unit (ECU), which controls the antilock braking system (ABS) on the trailing (tag) axle, was installed at the production plant.

An incorrect ECU on a coach equipped with a rear axle steering (RAS) tag axle could result in unnecessary yaw corrections by the electronic stability control (ESC) system at speeds below 20 mph. The operator may experience a small bump steer force at the steering wheel and minor jerking motion of the coach due to brief system application of the service brakes at one or more of the wheel ends.

Cause:

Incorrect part installed at production plant.

Corrective Action:

MCI will remedy the affected coaches at no cost to customers by replacing the ECU. However, proper repairs will require the use of specialized equipment, and therefore MCI strongly urges customers to make an appointment as soon as possible by calling the MCI Customer Service Line at 1-800-241-2947, to have the repairs performed by trained technicians who have the necessary equipment.

65730 to 65731	65780 to 65782	65784 to 65785	65877	65914
65917	65957 to 65958	65965 to 65968	65974	65991
66052 to 66056	66058 to 66059	66100 to 66101	66134 to 66137	66140 to 66146
66174	66209 to 66210	66266	66272	66279 to 66283
66342 to 66348	66363 to 66367	66385 to 66386	66388	66390 to 66393
66395	66397 to 66400	66405	66443 to 66446	

Parts

Qty.	New P/N	Description
1	07-08-3735	Electronic Control Unit (ECU)

Service Procedure:

WARNING

Read this entire procedure before beginning work.

Use Safe Shop Practices At All Times.

1. Position the main disconnect rotary switch to the DOWN (OFF) position.
2. Chock both sides of the tires.
3. Open the curbside and roadside doors of baggage bay compartment #3.
4. Locate the rear electrical junction box mounted to the ceiling of baggage bay compartment #3. Release the rubber T-straps on the electrical junction box closing panel.
5. Locate the ECU on the hinged electrical junction box closing panel (refer to Figure 1.).



Figure 1.

6. Carefully disconnect the four (4) harnesses from the ECU.
7. Remove and retain the mounting hardware from the ECU. Remove and retain the ECU for submittal back to MCI.

8. Orient the new ECU, p/n 07-08-3735, with the mounting holes.
9. Using the mounting hardware removed in Step 7, secure the ECU to the closing panel. Torque to 32 in-lbs.
10. Orient and connect the four (4) harnesses.



Figure 2.

11. Close the closing panel. Pull to engage the rubber T-straps to secure in the closed position (Figure 3)



Figure 3.

12. Perform End of Line calibration.

Procedure Complete.

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.

Field Change Program Conditions:

The parts required for this change will be supplied without charge.

Specialized programming equipment is required to perform this campaign.

NO PAYMENT WILL BE ISSUED BY MOTOR COACH INDUSTRIES UNTIL THE COMPLETED WARRANTY CLAIM FORM AND THE EXISTING ECU HAVE BEEN RECEIVED BY MCI.

A labor allowance of 1.0 hour will be granted for the procedure of installing the specified part(s) in this bulletin on J4500 Series coaches.

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. A "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 April 16, 2014.

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

U.S. and Canadian Service Departments.



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MCI FIELD CHANGE PROGRAM (FCP) VERIFICATION

CONTACT INFORMATION	
CUSTOMER NAME: _____	
<small>(PLEASE PRINT)</small>	
FCP INFORMATION – ONE FORM PER UNIT	
FCP#: _____	Coach Model _____ Model Year _____
COACH SERIAL #: <small>(At least the last 5 digits)</small>	DATE COMPLETED __ / __ / __
MILEAGE:	
<u>IMPORTANT:</u> 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

MAILING ADDRESS:

**MOTOR COACH INDUSTRIES
ATTN: WARRANTY DEPT.
7001 UNIVERSAL COACH DRIVE
LOUISVILLE, KY 40258**