



Reliability Driven™

Service Bulletin No. 426

MODEL	J4500 Series	TYPE	Field Change Program	SECTION/GROUP	8-Engine	DATE	June 10, 2015
SUBJECT	COOLANT SENSOR						
CONDITIONS							

Customer Complaint:

Motor Coach Industries ("MCI") has become aware that the incorrect engine coolant sensor may have been installed on J4500 series coaches equipped with a DD13 engine. Operating a coach with the incorrect engine coolant sensor may affect optimum engine performance.

Cause:

Incorrect production installation.

Corrective Action:

MCI strongly encourages owners of the J4500 coaches listed in the table to implement the steps in this procedure as soon as possible.

66648	66698	66699 to 66703	66705 to 66724	66728
66735 to 66738	66759 to 66762	66786 to 66788	66791	66792
66806	66807	66816 to 66822	66850	66851
66853	66855	66875 to 66887	66925 to 66929	66948 to 66952
66960 to 66966	66970	66979 to 66981	67000	67001
67024 to 67028	67046 to 67050	67060 to 67080	67083 to 67086	67094
67106	67107	67111 to 67121	67125 to 67132	67136 to 67140
67147 to 67160	67163 to 67170	67174		

Parts

Qty.	New P/N	Description
a/r	7L-8-1124	Sensor, Coolant
a/r	21-7203-2	Pipe Sealant, Loctite

Service Procedure:



Read this entire procedure before beginning work.

Use Safe Shop Practices At All Times.



To avoid personal injury, never enter or perform work in the engine compartment prior to positioning the ENGINE RUN and ENGINE START switches on the engine compartment remote control box to the OFF position. Allow enough time for components to cool down prior to working in the engine compartment.

1. Open the engine door. Position the ENGINE RUN and ENGINE START switches on the engine compartment remote control box to the OFF position.
2. Chock both sides of the tires.
3. Using a clean, suitable sized container, drain the coolant to the bottom of the sight glass (refer to Figure 1).
4. Locate the coolant sensor in the upper, roadside of the engine compartment (refer to Figure 1).

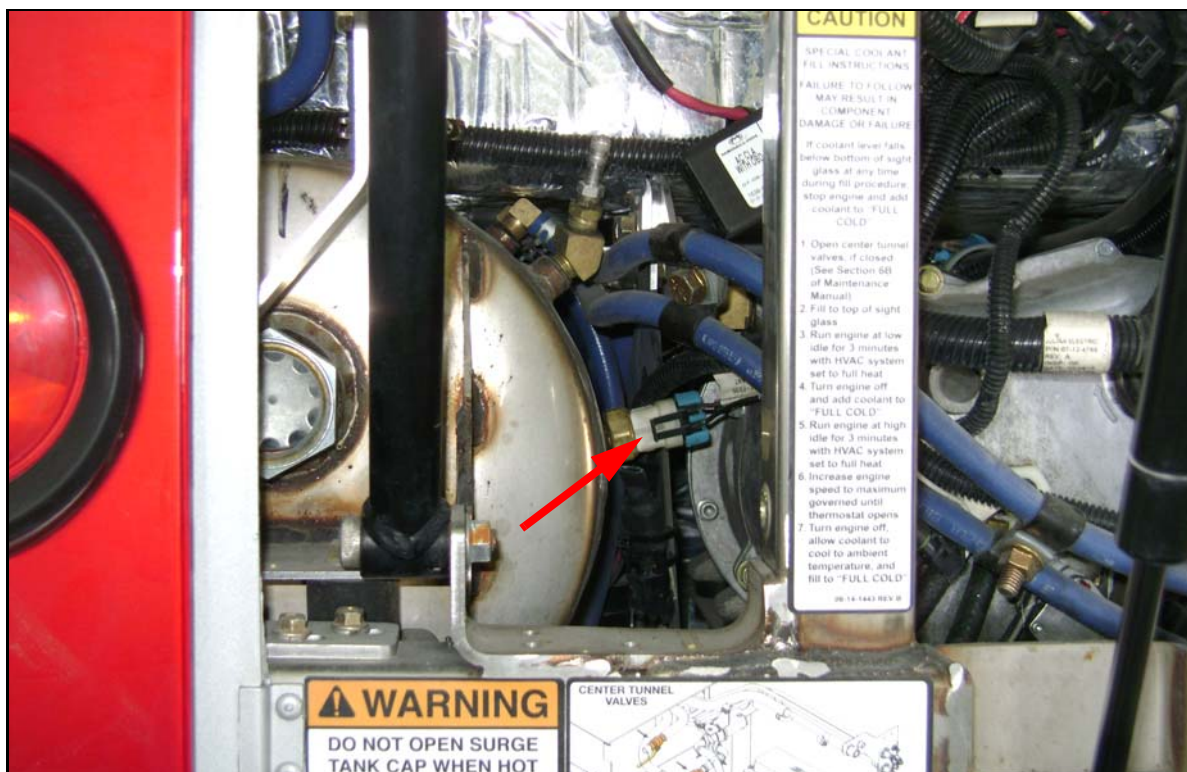


Figure 1.

5. Disconnect the harness from the coolant sensor. Remove the coolant sensor and visually inspect the stamped identification text (refer to Figure 2).



Figure 2. Correct coolant sensor identification text.

NOTICE

Upon visual inspection, if the coolant sensor text matches the identification text in Figure 2, proceed to Step 6.

Upon visual inspection, if the coolant sensor text does NOT match the identification text in Figure 2, a replacement coolant sensor will have to be ordered. Proceed to Step 6.

6. Clean to remove the existing sealant on the coolant sensor threads.

NOTICE

If the coolant sensor text matches the identification text in Figure 2, re-install the existing coolant sensor.

If the coolant sensor text does NOT match the identification text in Figure 2, re-install the existing coolant sensor. Upon receipt of the new replacement coolant sensor, remove and replace the existing coolant sensor by performing the outlined steps in the procedure.

7. Apply loctite pipe sealant, 21-7203-2, to the coolant sensor threads.
8. Orient and re-install the coolant sensor. Re-connect the harness.
9. Following the Special Coolant Fill Instructions on the decal located in the engine compartment, add coolant to the system, as required.



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10. Position the ENGINE RUN and ENGINE START switches on the engine compartment remote control box to the ON position. Start up the coach and allow to run for a few minutes.
11. Position the ENGINE RUN and ENGINE START switches on the engine compartment remote control box to the OFF position. Check for leaks and coolant level.
12. Close the engine door.

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.

A labor allowance of 0.5 hours will be granted for the procedure of performing a visual inspection of the engine coolant sensor on affected J4500 coaches.

An additional labor allowance of 0.5 hours will be granted against FCP 426.1 for the procedure of replacing the existing engine coolant sensor on affected J4500 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 December 29, 2015.

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

Reliability Driven™

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:	
<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**

MCI part # 03-15-7738C