



Spartan Motors Chassis, Inc.
SERVICE BULLETIN
 CSB13-290-001A

3/11/2013

SUBJECT: Spartan Motors Chassis, Inc. has determined a defect relating to coolant leaks may exist in certain incomplete motorhomes and bus chassis.

Bulletin # CSB13-290-001 is superseded by bulletin CSB13-290-001A due to a clarification of an instruction. Any vehicle repaired under bulletin CSB13-290-001 will not require any additional work.

CONDITION: Coolant leaks may exist at the T-fitting connections in coolant circuit for DEF system.

APPLIES TO: This bulletin applies to incomplete vehicles assembled by Spartan Motors Chassis, Inc. as motorhomes and bus between vehicle dates of manufacturing of 8-28-2012 and 1-10-2013.

CORRECTION: Replace two (2) plastic T-fittings with brass T-fitting assemblies.

LABOR ALLOCATION: 1 hr.

PARTS NEEDED:

<u>QTY</u>	<u>Part Number</u>	<u>Description</u>
1	S-2381-001	Kit – DEF Tee/Clamp
As Needed	81801 or equivalent	Pipe Sealant w/Teflon

Kit # S-2381-001 Contains:

<u>QTY</u>	<u>Part Number</u>	<u>Description</u>
2	0716-MM5-Q03	Tee Brass – 6
4	0716-MM5-QQ04	Fit Barb 10-6
2	0716-MM5-VV01	Fit Barb 90DEG 6-6
4	0182-BB1-001	Clamp Liner
2	0395-BB1-001	Clamp-Internal Liner
1	CSB13-290-001A	Document Instruction

GENERAL INSTRUCTIONS:

Review entire work procedure before starting work. If there are questions and/or concerns with steps defined in this procedure, contact Spartan Motors Chassis, Inc. Customer & Product Support.

All applicable industry safety standards must be followed when performing work identified in this procedure.

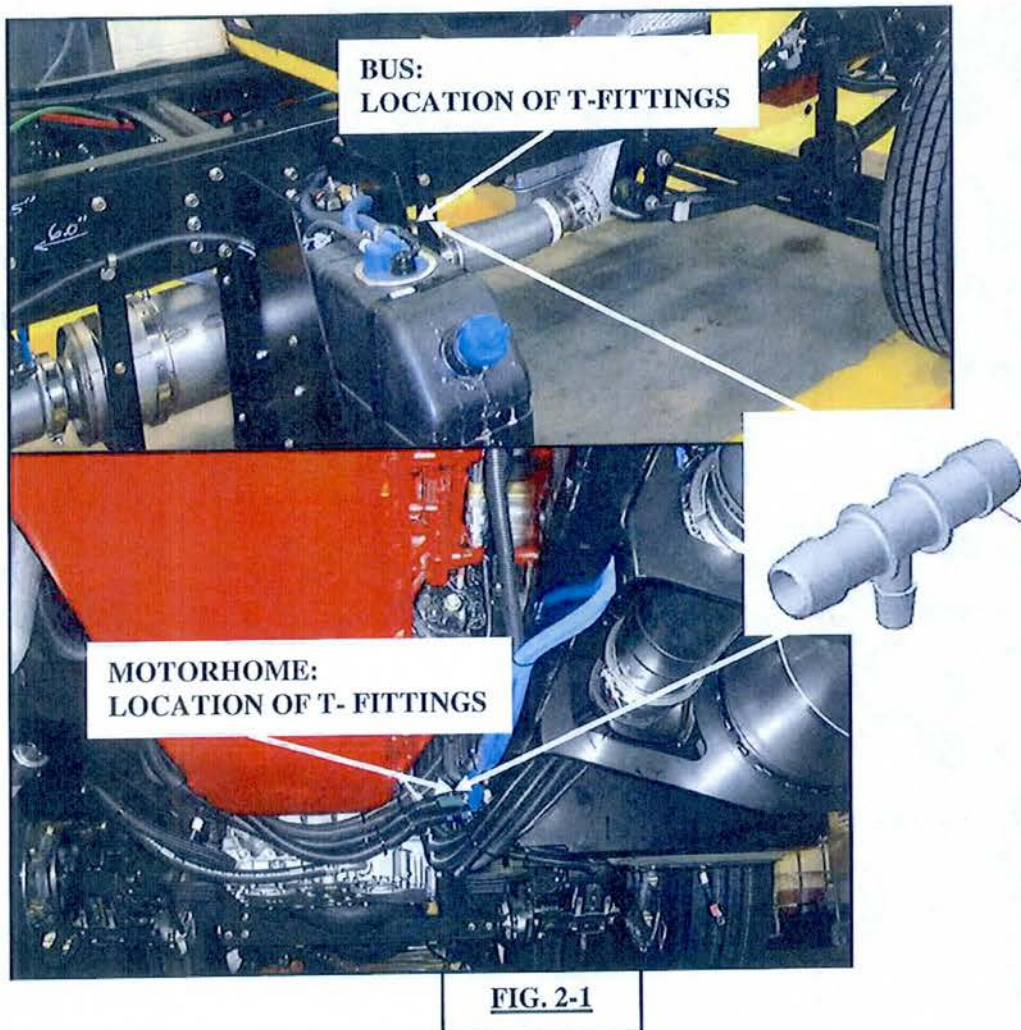
Technical Service Bulletins are intended for use by Professional Technicians only. They are written to guide Professional Technicians in performing service to vehicles of product specific nature in conjunction with industry standards. Professional Technicians are appropriately trained on industry standards and have the tools and equipment to perform procedures safely and properly.



3/11/2013

STEP-BY-STEP INSTRUCTIONS:

1. Locate and inspect T-fittings on the passenger side of vehicle behind the DEF tank and under the frame rail. If the fitting material is brass no actions are required. If the fittings are made of plastic, proceed with the remaining steps of the bulletin. Refer to FIG. 2-1.



2. Clamp off all three (3) hoses attached to one T-fitting to prevent leaking of coolant.



WARNING

Coolant can be very hot if serviced shortly after operation. Serious personal injury can occur if hot components are touched.

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- Loosen the (3) hose clamps, remove and properly dispose.
- Remove plastic T-fitting and properly dispose.

NOTE: Take note or mark hoses when removed to reinstall in correct orientation.

- Inspect inside and outside of each hose for cuts and damage. Cut off minimum length of hose ensuring damaged hose is removed.

NOTE: Excess hose length should be available. **DO NOT** stretch hose.

- Assemble the brass T-fitting assembly. Tighten fittings 2-3 turns from finger tight. Refer to FIG. 3-1.

NOTE: Apply 81801 pipe sealer w/Teflon or equivalent to pipe threads only. The first three threads should be uncovered to avoid system contamination.

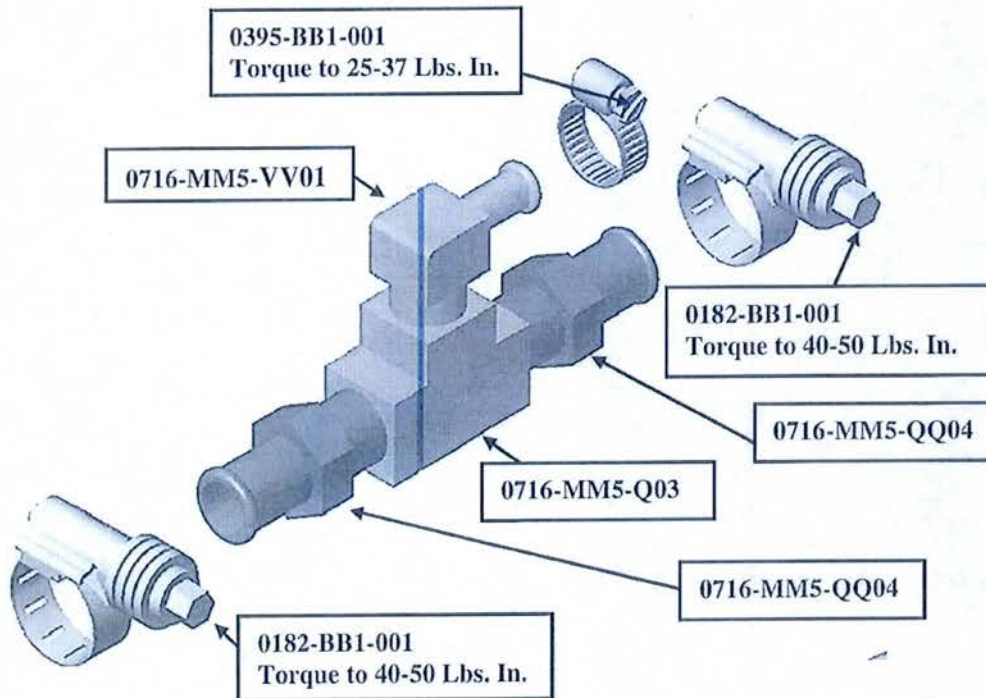


FIG. 3-1

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7. Place applicable sized clamp on each hose.
8. Reinstall hoses on brass T-fitting assembly in correct orientation.
9. Tighten clamps and properly torque. Refer to FIG. 3-1.
10. Remove clamps (refer to step 2) to restore coolant flow.
11. Repeat steps 2-10 for other T-fitting.
12. Properly secure both T-fittings to previous location.
13. Check coolant level and fill if necessary.

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1541 Reynolds Road Charlotte, MI 48813

SPARTANCHASSIS.COM
517.543.6400

April 5, 2013

RE: Notice of Campaign Service Bulletin: **CSB13-290-001**

Dear Final Stage Manufacturer:

A recent decision was made to issue a Campaign Service Bulletin (**CSB13-290-001**) for certain Spartan Motors Chassis Inc., incomplete vehicles assembled as motorhomes and buses between vehicle dates of manufacturing of 8-28-2012 and 1-10-2013.

A condition may exist where coolant leaks at the T-fitting connections in the coolant circuit for the DEF system.

The correction is to replace two (2) plastic T-fittings with brass T-fitting assemblies.

The labor allowed for this repair is 1 hour.

Please note: The Vehicle Identification Number that may be affected by this campaign is located at the top of this letter.

Your satisfaction with our product is important to us. By performing the enclosed campaign, we can be certain that you have the best product available for optimal performance.

Although **this is not safety a recall**, Spartan Chassis is committed to serving you with your best interests in mind. Should you have any questions, please call 800-393-8861 option 1.

Sincerely,

Spartan Chassis, Inc.



1541 Reynolds Road Charlotte, MI 48813

SPARTANCHASSIS.COM
517.543.6400

April 5, 2013

RE: Notice of Campaign Service Bulletin: **CSB13-290-001**

Dear Service Manager,

Attached is a copy of Campaign Service Bulletin **CSB13-290-001** regarding coolant leaks at the T-fitting connections.

This Campaign applies to incomplete vehicles assembled by Spartan Motors Chassis, Inc. as motorhomes and buses between VDMs of 8-28-12 and 1-10-13.

The condition exists where coolant leaks may exist at the T-fitting connections in coolant circuit for DEF system.

The correction is to replace two (2) plastic T-fittings with brass T-fitting assemblies.

Labor time for this repair is 1 hour.

Please contact our Customer and Product Support department to obtain the Work Authorization number and warranty parts for this repair at 800.393.8861 opt 1 or to speak with one of our technical associates.

Although this is not a safety recall, Spartan Chassis is committed to serving you with your best interests in mind.

Sincerely,

Spartan Chassis, Inc.



1541 Reynolds Road Charlotte, MI 48813

SPARTANCHASSIS.COM
517.543.6400

February 18, 2013

RE: Notice of Campaign Service Bulletin: **CSB13-290-001**

Dear Valued Customer:

A recent decision was made to issue a Campaign Service Bulletin (**CSB13-290-001**) for certain Spartan Motors Chassis Inc., incomplete vehicles assembled as motorhome and buses between vehicle dates of manufacturing of 8-28-2012 and 1-13-2013.

A condition exists where coolant leaks may exist at the T-fitting connections in the coolant circuit for the DEF system.

Please note:

The Vehicle Identification Number (VIN#) also known as Sales Order Number (SO#) that is affected by this campaign is on the first line of the address above.

Your satisfaction with our product is important to us. We are initiating this contact with you so that you will, at your earliest opportunity, take your vehicle in for the recommended service. In doing so, we can be certain that you have the best product available for optimal performance.

Carefully follow the instructions below to have your vehicle serviced:

- You do not need to call Spartan Chassis, Inc. to find the facility most convenient to you. These facilities can be located on Spartan's website: spartanchassis.com/cs/service/service_centers.asp
- If you lack access to the internet call 800-543-4277 (Option 1) for locations. When calling, please have available the last 8 digits of your VIN.

Although **this is not a safety recall**, Spartan Chassis is committed to serving you with your best interests in mind.

Sincerely,

Spartan Chassis, Inc.