

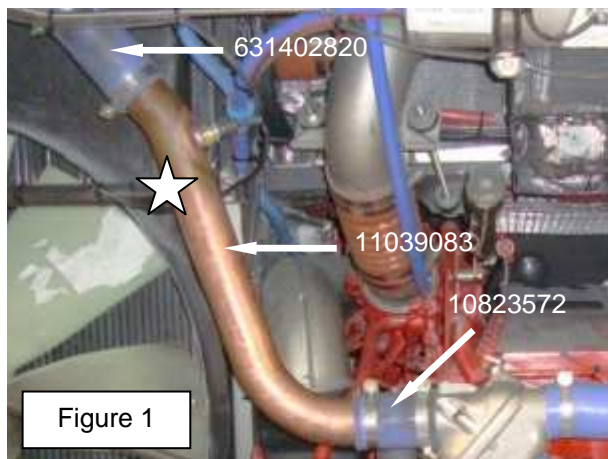
ADDRESSEES	: Owners and operators of coaches listed under 'Application'
VEHICLE MODEL	: TD925US
CONFIGURATION GROUP	: Cooling system
BULLETIN TYPE	: Product Improvement
DATE	: August 27, 2010
SUBJECT	: Coolant pipe to cooling fan frame interference
TERMS & CONDITIONS	: This document does not entitle to any reimbursement.

APPLICATION:

Model	VIN
TD925US	42301 → 42318, 42319 → 42399 (except 42381, 42382, 42392, 42393, 42394)

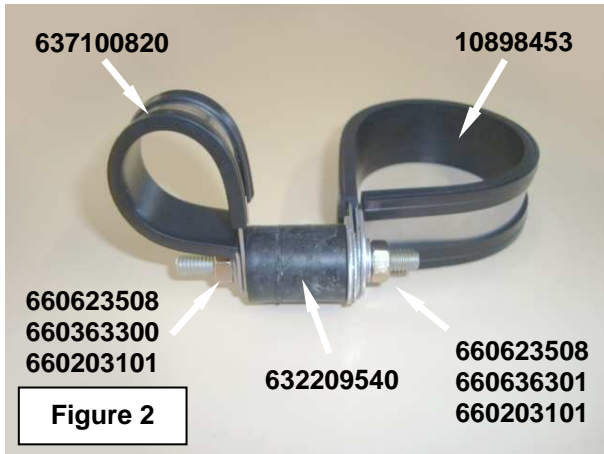
DESCRIPTION:

1. It has been reported that on some of the above-mentioned units the coolant pipe running from the thermostat to the radiator (part #11039083, Figure 1) may rub against the cooling fan frame.
2. To address this issue, Van Hool have developed a fix, which can be installed as described in this Service Bulletin.
3. As a preventive measure, it is recommended to check the installation of the parts shown in Figure 1 during the next service interval.
4. Should coolant pipe to cooling fan frame interference be determined, refer to the materials list and install the fix, applying the step-by-step instructions from the procedure. This will ensure the service life of coolant pipe #11039083 and attached hoses #631402820 and #10823572.
5. The Product Improvement subject of this Service Bulletin has been cut into production as from unit #42400.



MATERIAL:

To retrofit one coach, two P-clamp assemblies as shown in Figure 2 are required.



VH reference	Description	Qty.	Refer to
637100820	P-clamp, 26 mm diameter, stainless	2	Figure 2
10898453	P-clamp, 60mm diameter, stainless	2	
632209540	Isolator, 19 mm diameter, M6 thread	2	
660203101	Nut, M6, DIN934	4	
660623508	Flat washer, 6.4 x 18 x 1.2 mm, DIN9021	4	
660636301	Lock washer, M6, DIN127	4	

- Material may be purchased through regular channels.
- Parts/Waste disposal: discard old material according to applicable environmental regulations.

PROCEDURE:

1. General:

- Job technician's qualifications/expertise: general automotive
- For more information refer to the service literature that comes with the vehicle.

2. Special tools, equipment or services:

- This job does not require special tools, equipment or services.

3. Preparations:

- Park the coach safely, apply the parking brake, stop the engine and set the battery master switch to the OFF position.
- Install a "DO NOT OPERATE" warning message on the instrument panel.
- Read the entire procedure before beginning to work.

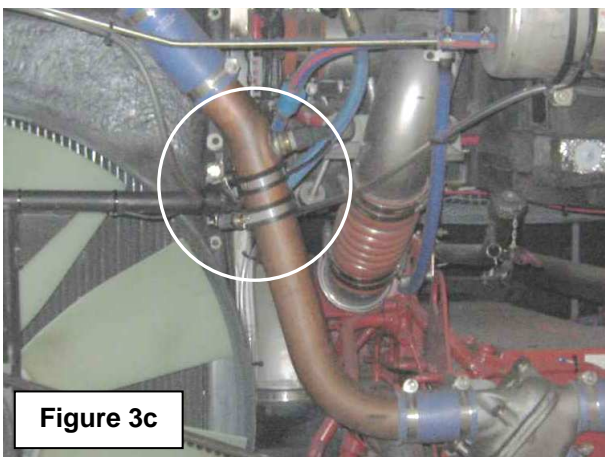
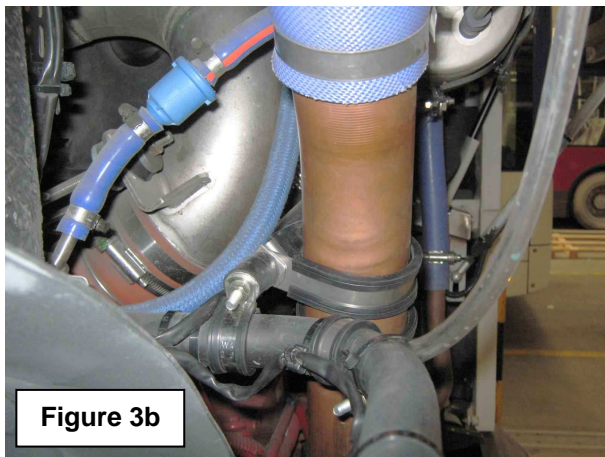
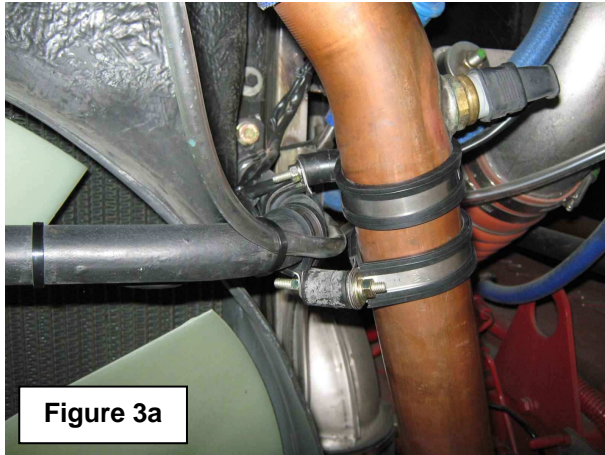
CAUTION: When working in the engine compartment, turn the starter motor inhibitor switch to "starter motor disabled" for the steps, which do not require engine operation.

CAUTION: To avoid personal injury, make sure components have cooled down sufficiently before starting work in the engine compartment.

CAUTION: Observe safe shop practices at all times.

4. To address coolant pipe #11039083 to cooling fan frame interference:

- 1) Referring to Figure 3a, 3b and 3c slip the large P-clamps over the coolant pipe. Slip the small P-clamps over the cooling fan frame tubing. Interconnect the small and large P-clamps with the isolators for a loose fit. Adjust clamp position for a stress and strain free installation.



- 2) Install the washers and nuts and tighten to a torque of 80 in.lbf (8.6 Nm).

Procedure complete.

DISCLAIMER:

The procedures contained herein are not exclusive. Van Hool cannot possibly know, evaluate, or advise the transportation industry of all conceivable ways in which a procedure may be undertaken or of the possible consequences of each such procedure. Other procedures may be as good, or better, depending upon the particular circumstances involved.

Each carrier who uses the procedures herein must first satisfy itself thoroughly that neither the safety of its employees or agents, nor the safety or usefulness of any products, will be jeopardized by any procedure selected.

INFORMATION HANDLING:

Important supplements to and modifications of the technical information not yet included in the Van Hool manuals are communicated by means of Service Bulletins.

File the Service Bulletins at the back of your manual, in numerical order.

To make sure that you will be reminded of the Bulletins that have appeared in the meantime while paging the manual, mark the pages concerned by hand with the Service Bulletin number.