

ADDRESSEES	: ABC Customer Care and Parts Source
VEHICLE TYPE	: AG300 First transit
CONFIGURATION GROUP	: 13.01 Compressed-air supply system
DOCUMENT TYPE	: Corrective
DATE	: September 15th, 2020
SUBJECT	: To remove air line between compressor and governor

APPLICATION

This work procedure applies to the following vehicle:

Vehicle model	Construction number
AG300 First Transit	62924

INTRODUCTION

This procedure has been released to assist in successfully remove the air line which runs between the compressor and the governor.

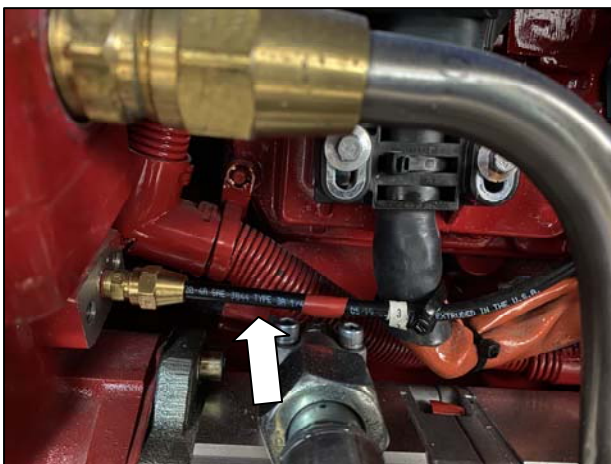


Figure 1: Affected compressed-air line at compressor side



Figure 2: Affected compressed-air line at governor side

JOB QUALIFICATION:

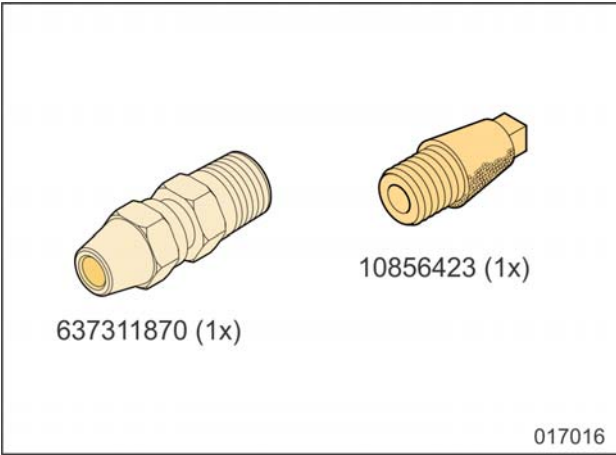
The task has to be carried out by an experienced automotive technician.

JOB TIME/JOB CODE:

30 minutes/021321N

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PARTS:

Parts of retrofit kit VH11741686		
 Figure 3		
VH reference	Description	Qty
637311870	Male straight fitting 1/4" x 1/4" (includes sleeve and nut)	1
10856423	Silencer	1

AIR SYSTEM SAFETY RULES

To avoid personal injury when working on or around the air system and its components, the following precautions should be taken:

- Bleed all air pressure from the bus system.
- Never connect or disconnect a line containing air pressure. it may whip, as air escapes. Never remove a component or open a line, unless you are certain that all system air pressure has been bled.
- Never exceed the recommended air pressure and always wear safety glasses, when working on air systems.

PREPARATIONS

- Park the coach on a level-surfaced service pit.
- Apply the parking brake and shut down the traction system.
- Switch off all systems and turn off the battery master switch.
- Put a "DO NOT OPERATE" tag on the instrument panel.
- **Read the entire procedure before beginning to work.**



WARNING!

Observe safe shop practices at all times.

Continued on next page.

PROCEDURE



CAUTION!

When working in the engine compartment, turn the starter motor inhibitor switch to “starter motor disabled”.

Step	Action
1	Bleed the air from the system.
2	Locate the tee fitting at the governor (Figure 2). a. At the air line with reference number “2” : hold the body of the tee fitting with one wrench and undo the fitting nut with another. Give a tap on the nut to release the sleeve from the fitting body. Detach the line from the fitting assembly. Leave the nut, sleeve and insert installed on the tubing. This air line will be reconnected later in the procedure! b. At the air line with reference number “3”: hold the body of the tee fitting with one wrench and undo the fitting nut with another. Give a tap on the nut to release the sleeve from the fitting body. This air line will be removed later in the procedure!
3	Replace the tee fitting by the straight fitting from the kit. Prior to installation, apply Loctite 542 to the thread of the fitting.
4	Reconnect the air line detached in step 2a.
5	Locate the fitting of the affected air line at the compressor (Figure 1). Hold the body of the straight fitting with one wrench and undo the fitting nut with another. Give a tap on the nut to release the sleeve from the fitting body. Detach the line from the fitting assembly.
6	Remove the detached air line from the vehicle.
7	Replace the straight fitting from the detached air line at the compressor by the silencer from the kit. Prior to installation, apply Loctite 266 to the thread of the silencer.
8	Register through the registration button located behind Work Procedure W1321 on the Van Hool customer portal. Write the text “WP1321 completed” in the field “Remark”.

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.

VAN HOOL CUSTOMER PORTAL:

Consult the Van Hool customer portal for the latest service documentation. Beside the maintenance manual, you will also find the operating manual and the spare parts catalogue of your vehicle on the customer portal. The customer portal is accessible through www.vanhool.be, and only with a code (password) from Van Hool. If you do not have a password yet, request it by using the link on the Van Hool website.