



Service instruction: SM009E
Revision: 1
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Page no.: 1

Title: Testing of Wabco valve P/N C247

1. Purpose:

This work instruction describes how to test all combinations of the Wabco valve P/N C247 in the field.

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2. References:

- 2.1. ISO 9001 (2008) §7.5.1 Control of production and service provision

3. Definitions:

- 3.1. None

4. Forms:

- 4.1. None

5. Scope:

- 5.1. This work instruction can be applied on all combinations of the Wabco valve P/N C247 in the field.

6. Tools:

- 6.1. None

7. Execution:

- 7.1. Check to make sure that all tubes are connected correctly
- 7.2. Check the valve for damaging or contamination.
- 7.3. Make sure the connectors are tight.
- 7.4. Remove connectors and air bleeds en check for contamination (If present go to point 7.16).
- 7.5. Test the valve by activating and deactivating the solenoid (open and close the door).
- 7.6. If this is not possible you can use a battery to switch the valve. Perform this test a few times (min. 5 times).
- 7.7. Test the pressure switches with a multi meter or a 12V light.
- 7.8. Connect the multi meter or light between the cable and the switch.
- 7.9. When the pressure switch is activated the multi meter should show 12 V or the light should be on.
- 7.10. If one switch doesn't work switch the cable with the one that does work en perform the test again.
- 7.11. This way you can determine if the problem is in the switch or the cable.
- 7.12. When the Pressure switch still doesn't work replace the switch or valve.
- 7.13. If the valve is 'still' leaking air, remove the air tubes and check to see if the air is coming from the correct tubes and connectors.
- 7.14. When all of the above has been done, and the valve still doesn't work replace valve and take/send to Ventura.
- 7.15. Mark the location of the problem on the valve and on the worksheet.
- 7.16. When contamination has been determined get in contact with Ventura / TDS / bus manufacture or transporter immediately and ask them to arrange an order nr. before you proceed with exchanging the parts.
- 7.17. Make an adequate description of the problem on the report and put that with the valve.
- 7.18. Also note the registration nr of the mechanism on the work sheet/report.
- 7.19. If there is a filter regulator present please check it for contamination, and clean if necessary.