

Issued by
Gregory GUNTZ

Introduction from serial No.
N/A

Date
2018-02-14

Product affected
EB+ Gen2/Gen3

S/B No
0002W

Title / Subject
Gen 3 Leak Test

Reg No.
N/A

Edition / Ref. No.
01

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How to determine the source of leakage on Gen 3 (*)

The following procedure relates to Gen 3 that are leaking when the truck handbrake is applied, and air is supplied down the yellow line to the trailer. If the Gen 3 is leaking at all times without the handbrake being applied, then refer to service bulletin SB 0003W.

In order to carry out the tests you will need the following equipment,

- 2 off Pressure gauges
- 1 off Adjustable pressure regulator
- 3 off Test pipes
- 1 off M16 Test point
- 1 off M22 Test Point
- 12 off M16 Blanking plugs

Before commencing the test, it is vital that the trailer is checked for any other leaks and they are repaired before commencing the test.

Carry out the following tests with the EBS unpowered, remove the ISO 7638 suzie.

1. Fully charge the air tanks on the trailer
2. Disconnect the service line coupling from the front of the trailer, leave the red line connected.
3. Pull out the park valve on the trailer.
4. Remove all the spring brake pipes and blank off ports 23 (6 off) on the valve.
5. Remove all the service brake pipes and blank off ports 21 (3 off) and 22 (3 off) on the valve.
6. Remove the pipe from port 4 and fit M16 test point.
7. There should be a test point in one of the air tanks and connect this to regulator and then on to port 4.
8. Regulate the pressure through the regulator until it equals the pressure in the air tank
9. Slowly begin to reduce the pressure in port 4 using the regulator. After approx 0.5 /0.8B reduction in pressure there should be an exhaust of air from the bottom of the Gen 3. This should last for a second or two before stopping.
10. If the valve stops exhausting air after this time, then there is no fault on the valve and the brake chambers will need to be checked on the trailer for leaks between spring and service portions.
11. If the valve continues to exhaust air and does not stop after a few seconds, then there is an issue with the valve and it will need to be replaced.

(*) This procedure is also applicable on EBS Gen2

SERVICE BULLETIN



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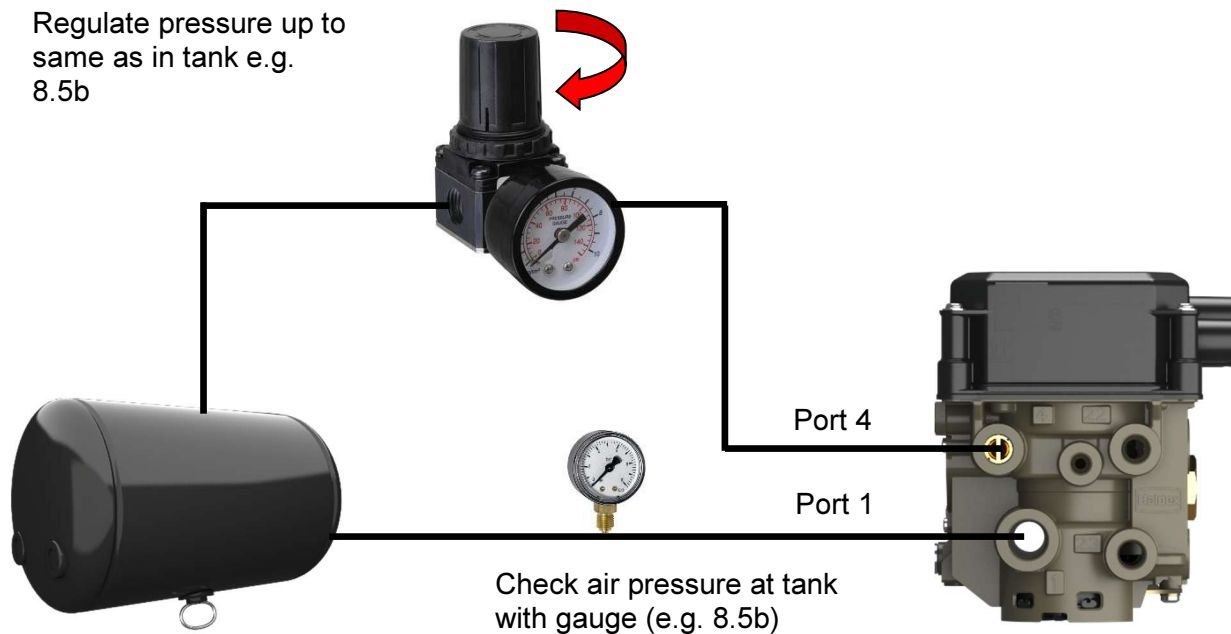
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Regulate pressure up to
same as in tank e.g.
8.5b



Reduce pressure into
port 4 until purge of air
is heard at exhaust

