



Advanced Wheelend Technologies

INJECT {  } **AIR**



User Guide

Trailer brake system treatment procedure

1. Drop all air from all service brake tanks and shut off drain valves.
2. Connect the INJECT-AIR's entry glad hand to the Tractor's trailer air supply line (red). *
3. Connect delivery glad hand to the Trailer's air supply line (red – emergency side).*
4. Make sure all valves on the INJECT-AIR are shut.
5. Start and run the Tractor's engine and fully raise air pressure to feed the INJECT-AIR.
6. Push in the trailer air supply button (red – emergency) to charge the INJECT-AIR.
7. Incorporate air treatment fluid in the INJECT-AIR's fluid reserve and shut the reserve valve. **
8. Slowly open the INJECT-AIR's air control valve and charge air system for approximately 2 minutes.
9. Remove the INJECT-AIR's delivery glad hand from the trailer's "supply" line. ***
10. Connect the INJECT-AIR's delivery glad hand to the trailer's service brake "Control" line (blue).
11. Make sure all valves on the INJECT-AIR are shut.
12. Incorporate air treatment fluid in the INJECT-AIR's fluid reserve and shut reserve valve. **
13. Slowly open the INJECT-AIR's air control valve and charge the control circuit until product exhausts from air supply glad hand. Close the control valve.
14. Disconnect the INJECT-AIR.***

Procedure references

* Refer to fig. 1 to identify components

** Refer to dosage guide chart below.

*** Pressurized air lines may release treatment fluid when disconnected. Make sure to stand clear from eventual treatment fluid spillage to prevent personal injury.

Dosage guide				
Description	Application	Initial dosage	Maintenance dosage	Frequency
Trailer air supply line (RED)	Single axle	2 X 75 ml	75 ml	Every PM
	2 axles	2 x 100 ml	100 ml	Every PM
	3 axles	2 X 150 ml	150 ml	Every PM
	4 axles	2 x 200 ml	200 ml	Every PM
	Each additional axle		50 ml	Every PM
Trailer service brake control line (BLUE)	Single axle	15 ml	15 ml	Every PM
	2 axles	15 ml	15 ml	Every PM
	3 axles	30 ml	30 ml	Every PM
	4 axles	30 ml	30 ml	Every PM
	Each additional axle		15 ml	Every PM

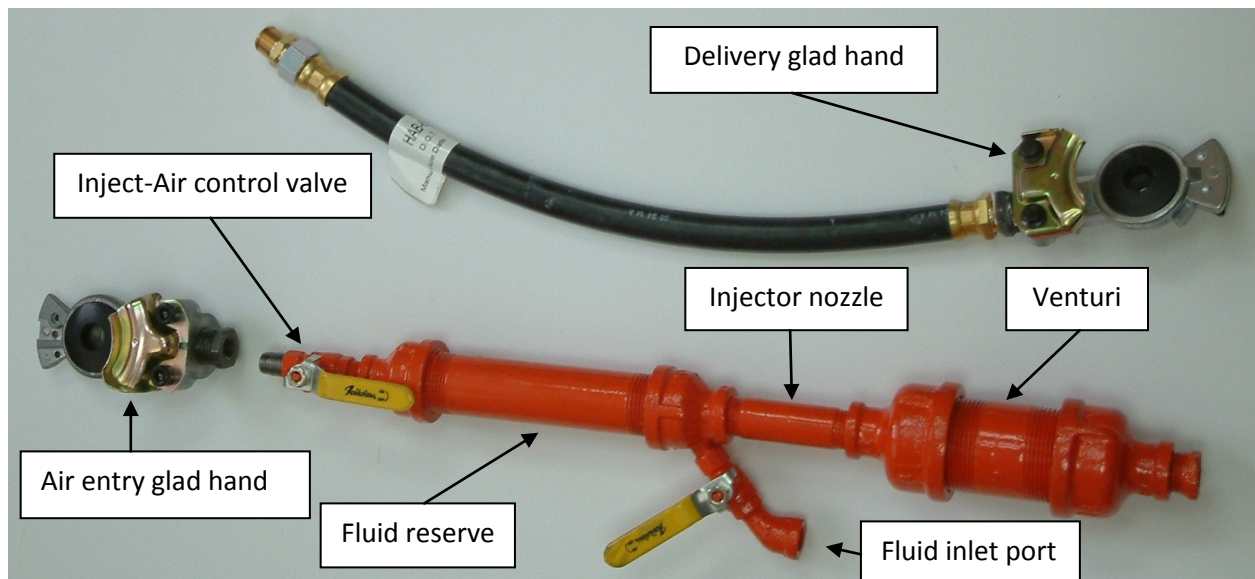


Fig. 1

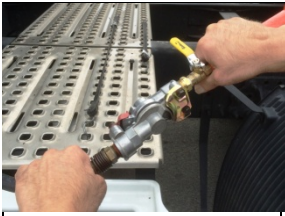
Safety warnings

We recommend the use of safety goggles and protective visor to protect face and eyes of operator.

Always use the INJECT-AIR in a safe manner preventing internal fluid spillage towards humans, animals, and any other potentially hazardous area in workplace.

Inquire on flammability of treatment fluids used to manage the product safely and adequately around treated vehicles especially if other maintenance interventions are required around air tanks and other components of the air systems.

All maintenance personnel should be trained on required safety precautions in accordance with treatment fluids present in the vehicles to prevent personal injuries and fire hazard

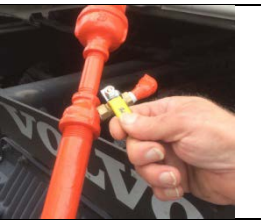


1 - Drop all air from all service brake tanks and shut off drain valves.

2 - Connect the INJECT-AIR's entry glad hand to the Tractor's trailer air supply line (red). *



3 - Connect delivery glad hand to the Trailer's air supply line (red – emergency side).

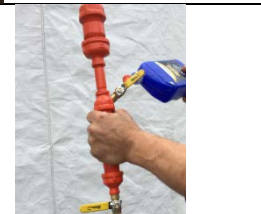


4 - Make sure all valves on the INJECT-AIR are shut.

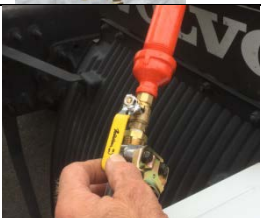


5 - Start and run the Tractor's engine and fully raise air pressure to feed the INJECT-AIR.

6 - Push in the trailer air supply button (red – emergency) to charge the INJECT-AIR.



7 - Incorporate air treatment fluid in the INJECT-AIR's fluid reserve and shut the reserve valve. **

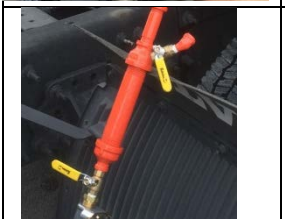


8 - Slowly open the INJECT-AIR's air control valve and charge air system for approximately 2 minutes.



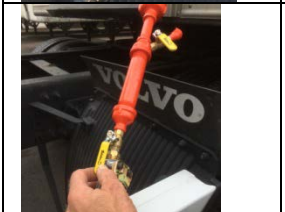
9 - Remove the INJECT-AIR's delivery glad hand from the trailer's "supply" line. ***

10 - Connect the INJECT-AIR's delivery glad hand to the trailer's service brake "Control" line (blue).



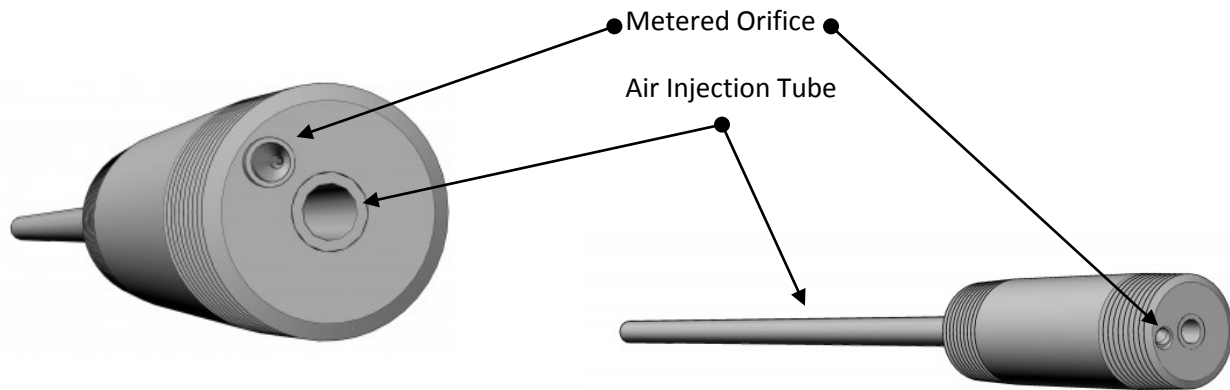
11 - Make sure all valves on the INJECT-AIR are shut.

12 - Incorporate air treatment fluid in the INJECT-AIR's fluid reserve and shut reserve valve. **



13 - Slowly open the INJECT-AIR's air control valve and charge the control circuit until product exhausts from air supply glad hand. Close the control valve.

14 - Disconnect the INJECT-AIR.



INJECT-AIR maintenance

The INJECT-AIR is equipped with an atomizer nozzle which uses a metered orifice to release the treatment fluid gradually. In the event of an occlusion (blockage) of this metered orifice, the release of treatment fluid will be retarded and partly compromised. If the operator notices that the INJECT-AIR does not release the complete amount of treatment fluid during a normal injection cycle as described above, the atomizer nozzle could be blocked with dirt introduced with treatment fluid. The atomizer nozzle can be removed from the unit and the metering orifice can be cleaned with a common acetylene torch tip cleaning tool. Select the appropriate tip cleaning broach and clean the atomizer nozzle's metered orifice hole. Reassemble the atomizer nozzle on the unit with proper sealing agent in the tapered threads.

Disclaimer

Manufacturer is not responsible for any and all damages resulting from the use of the INJECT-AIR.
Manufacturer is not responsible for any and all personal injury resulting from the use of the INJECT-AIR.

Warranty

The INJECT-AIR is guaranteed to be free of manufacturing defects for one (1) year from purchase date. Any defects resulting from improper initial assembly or from using water, corrosive chemicals, non-alcohol or non-methanol based treatment fluids are not warranted.

Tech support

Video - An instructional video is available on our web site at : www.cftsgroup.com

Online - Our technical consultants are available online at : support@cftsgroup.com

Phone - Our toll free technical support hotline is on duty during normal business hours.

Monday to Friday 8 a.m. to 6 p.m. (EDST) Atlantic time **1-877-765-9629**