



Groeneveld Compalube Brake Appliance Counter (BAC) Replacement

In the field we see a lot of opportunity to service Groeneveld systems that have a seized or leaking brake appliance counter. This bulletin explains how we can replace the Groeneveld Compalube BAC with a Lubecore Trailer Timer (LTT). The Compalube BAC is integrated with the pump body, and therefore will not be removed, but adapted to work with the LLT mounted on a specialized bracket. The benefit of replacing the BAC with an LTT is that you will always have consistent lubrication no matter where the trailer is used in the city or on the highway.

Steps to Install the LLT

1. Locate and identify the air signal line and fitting at the BAC as well as the air supply inlet fitting and line.

Air Supply Fitting

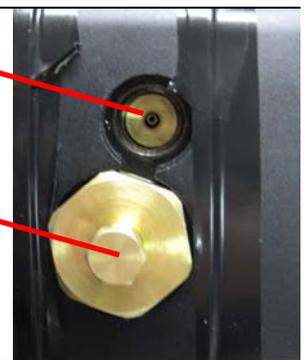
Air Signal Fitting



2. The Air Signal line is to be plugged or, disconnected from the trailer system. The fitting in the air signal position is to be removed and replaced with a plug. Remove the elbow fitting and brass body of the air supply position.

Air Supply Fitting Removed

Air Signal Fitting Removed and Plugged



3. Remove valve spring from air supply fitting body.



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4. Reinstall the air supply fitting body together with an air fitting into its original position on the BAC.



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5. Mount the LLT and bracket to the Compalube using the mounting bolts of the Compalube.



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6. Connect the BAC Air Supply to the Air Outlet on the LLT with ¼ DOT air tubing.



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7. Connect air supply from trailer to the Air Inlet on the LLT.



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8. Locate ABS power cable on trailer. At a cable junction nearest the Compalube, insert the ABS Power Tee. If required, use extension cables pictured to bring power to LLT. Plug and play connections require no wire splicing.

