

Workhorse Tech Tip

WCC120409aT

Wabco HPB (High Pressure Brake) Brake Bleed Procedures for UFO & LF72 Chassis

These are approved & proven bleeding procedures for the Wabco HPB system, not following these procedures may result in poor brake pump performance and or pump failures within seconds of system initiation.

NOTE:

If at any time during the bleed procedure you let the fluid level go empty, you will have start from step #2 again.

NOTE:

Do not attempt vacuum, gravity or pump bleed as these are procedures that easily cause piston pump damage...

- 1) Remove both pump fuses
- 2) Fill reservoirs with DOT-3 fluid
- 3) Gravity bleed the relay valve block (From master cylinder to the block on the bottom of the HCU)
- 4) Install pressure bleeder at 20-psi and bleed from the master cylinder to all four wheels until the air is gone
- 5) Bleed the SAHR canister until clear
- 6) After all have been bleed until clear make sure the bleed or reservoirs are full of fluid and increase pressures to 30 – 35-psi
- 7) Bleed 12-ounces of fluid from each wheel end at this pressure
- 8) Once this is done make sure system is full of brake fluid and again increase to 35-psi
- 9) Plug fuses back in
- 10) Install laptop and turn key to on setting up Wabco HPB so pressure can be seen
- 11) Depress the brake pedal 3 times and the pressure should go above 1900-psi on both front and rear
- 12) If pressure is present start vehicle and make sure brake pedal has correct height
- 13) Disconnect pressure bleeder.
- 14) Clear any codes & road test vehicle after checking for leaks.