

8.1.3 Bleeding the pneumatic brake

Procedure

1. The hydraulic section of the tractor air brakes is bled through the bleed plug (1) located at the rear right-hand side of the tractor.

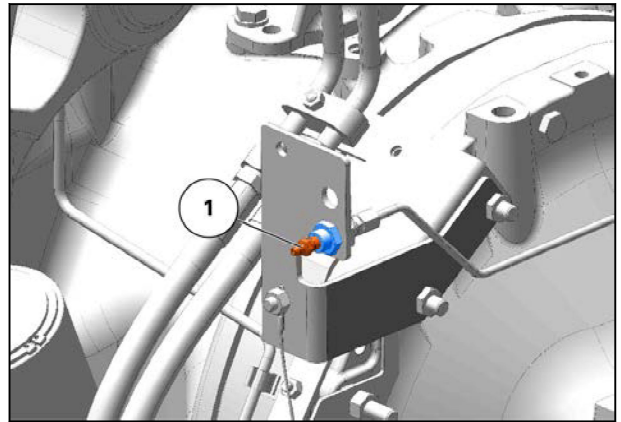


Fig. 5

2. Start the engine
3. Connect a flexible pipe (preferably transparent) to the bleed plug (1) and then connect it to the hydraulic tank.
4. Open the trailer brake bleed plug.
5. Press moderately on the coupled brake pedals, with pedal travel of approximately 20 mm.

NOTE:

Never press the pedals down more than 25 mm when the bleed plugs are open. A jet of pressurized oil will spurt out of the bleed plugs.

6. Let the air bleed out at the plugs.
7. Close the plug again when the fluid coming out no longer shows any trace of foam or air bubbles. Release the pedals.
8. Bleed the main brakes of the tractor.
9. Check the oil levels in the auxiliary hydraulics and gearbox.

8.2 Calibrations

8.2.1 Calibrating the automatic disengagement of the differential and 4-wheel drive

Calibrating the automatic disengagement of the differential and 4-wheel drive

General

This calibration makes it possible to obtain a front-wheel angle of 0 for temporarily disengaging the differential lock and/or the 4-wheel drive front axle when the steering wheel is turned and these functions are engaged in automatic mode.

The 10° disengagement angle of the differential lock is set by the software. A different disengagement angle cannot be set.

The disengagement angle of the 4-wheel drive front axle can be modified during calibration.

NOTE:

If the calibration is not carried out, these functions may not be disengaged when the wheels are turned or they may disengage at an undesired angle.

Calibration of the angle for the automatic disengagement function of the differential and the 4-wheel drive: Procedure

NOTE:

This function must be calibrated whenever one of the following elements is replaced or modified:

- Angular sensor in the front axle
- Front axle
- Instrument panel

To select CAL2:

1. Switch on the ignition (do not start the engine).
2. When the function is selected, it is displayed on a white background.

Within the next five seconds, simultaneously

press keys  on the Setup and Information Screen keypad.

The screen opposite appears with several icons corresponding to the available functions:



-  Calibration of the forward lever on the armrest. If the **OK** symbol is present, calibration was already carried out.
-  Calibration of the 0 angle for the automatic disengagement functions of the differential lock/4-wheel drive and the disengagement angle for the 4-wheel drive



Fig. 6