

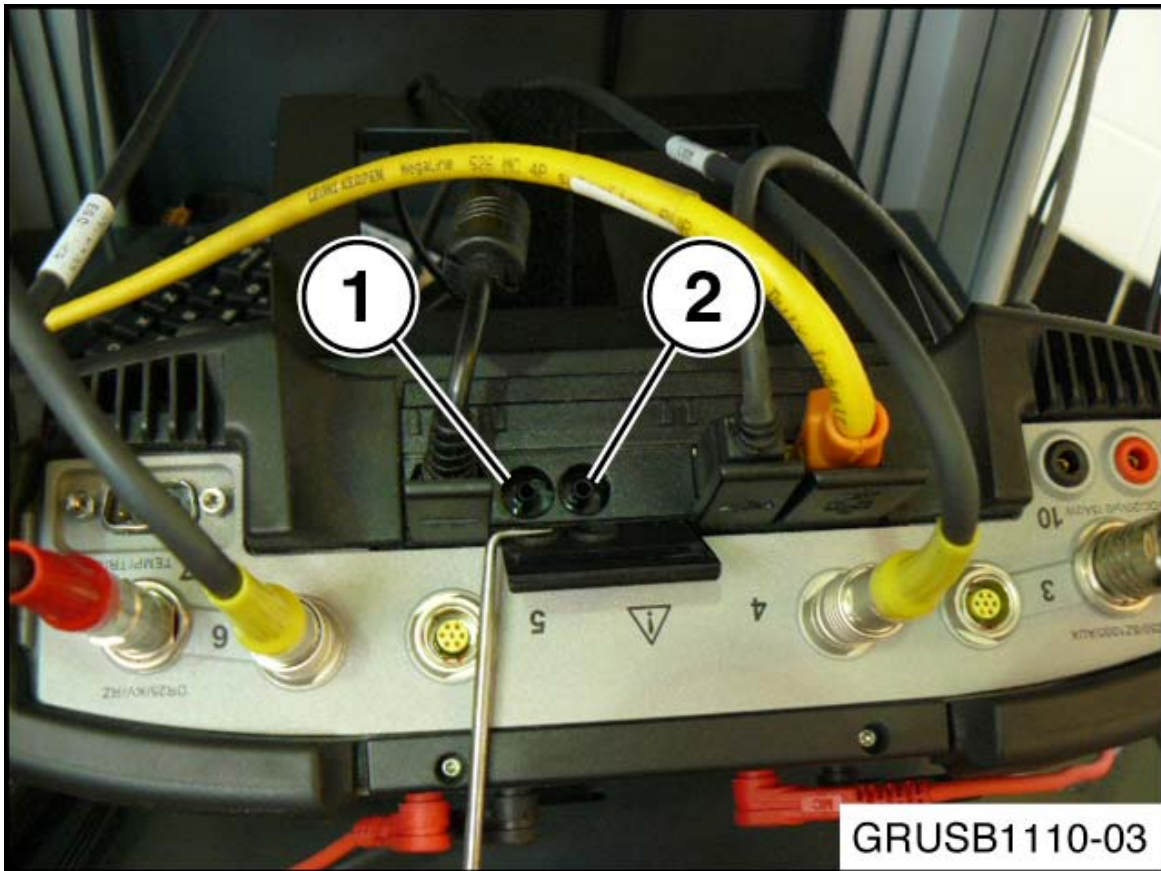
Measuring Crankcase Pressure Using the IMIB Low-pressure Sensor Function

Preparing ISID and IMIB for Low-pressure Measurement:

1. Select "Activities".
2. Select "Measuring Devices".
3. Select "Measuring Device".
4. Select "OK".
5. Select the appropriate IMIB when the Connection Manager screen is shown.
6. Select "Set Up Connection".
7. When the multimeter screen is shown, select "Low Pressure 1".
8. Connect the pressure measurement hose, P/N A5E0134072, to the left port on the IMIB (1). Two measurement hoses were shipped with the IMIB to every center. See the illustration below. Refer to SI B04 35 09 for more information regarding the equipment shipped to all centers with the IMIB.

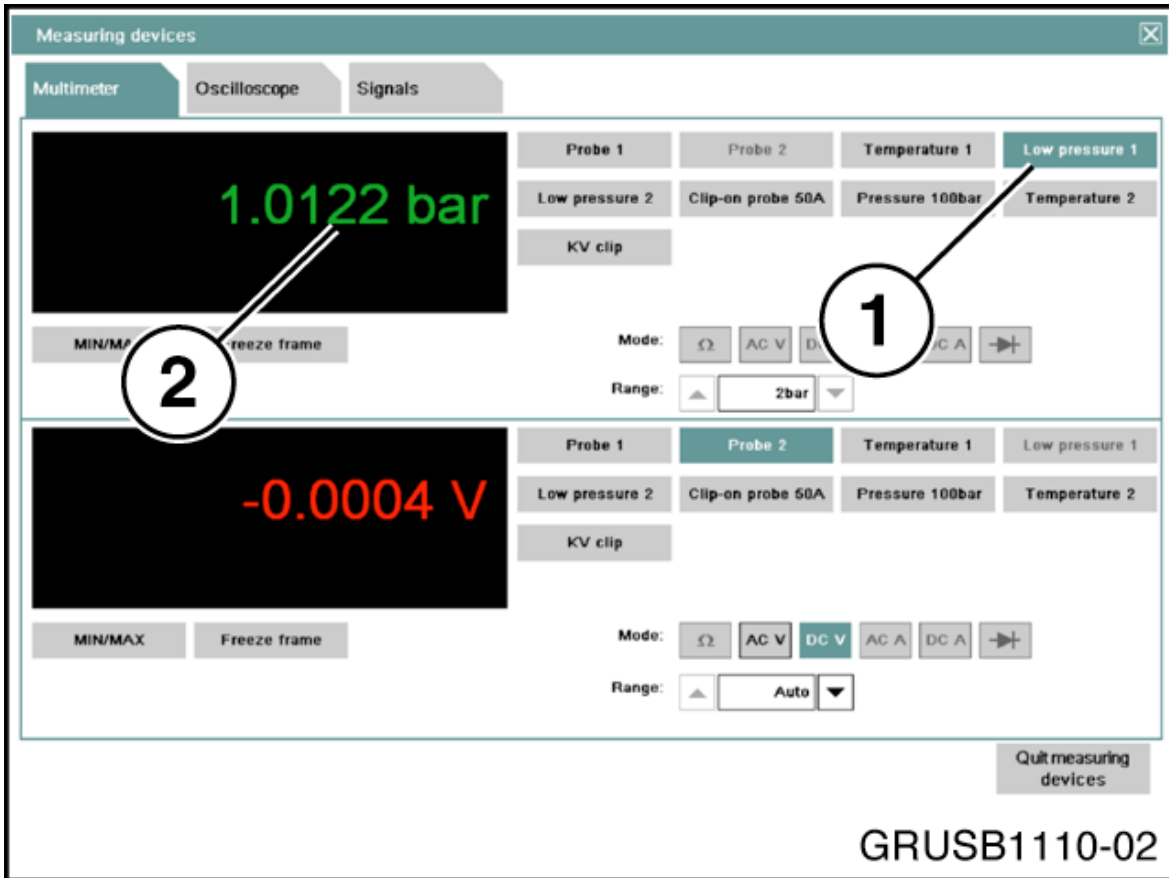
Port 1 = (1)

Port 2 = (2)



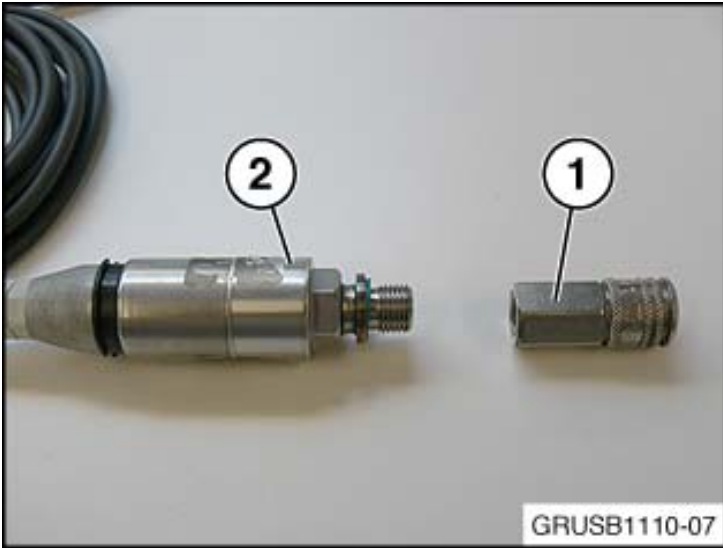
9. Low pressure 1 (1) should be highlighted in green. Observe and record the current ambient pressure (2).

Note: The illustration is only an example of what will be seen on the screen. This is based on center elevation and weather patterns. This value must be recorded each time the pressure test is conducted.



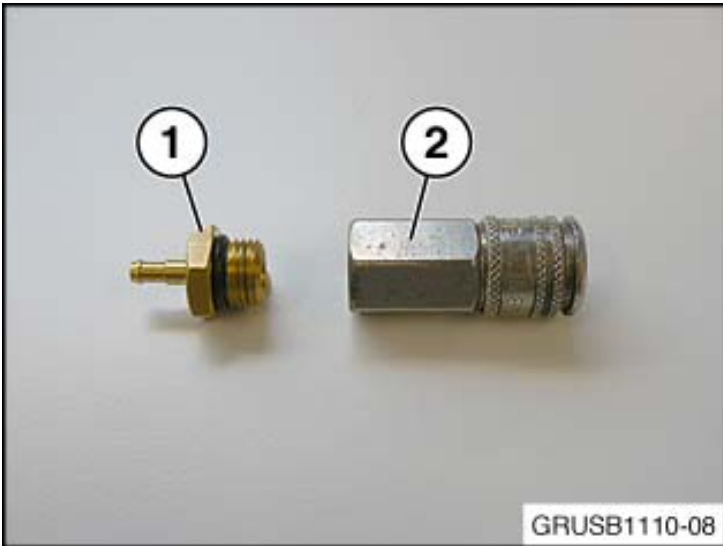
Diagnostic Tool Adapter P/N 81 29 2 158 850.

The adapter will be used to adapt the 2G quick disconnect equipment during low-pressure measurements (up to 3 bar; see the user's guide), and is attached to the IMIB using the low-pressure rubber hose (Siemens P/N A5E01034072), supplied with the IMIB. For additional information, refer to Service Information B04 15 10.



Option 1:

Remove the quick disconnect coupler (1) from the 2G equipment 25 bar pressure transducer (2).



Install the Diagnostic Tool Adapter, P/N 81 29 2 158 850 (1), on to the quick disconnect coupler (2).



Remove the engine oil cap and install the special pressure tester adapter, P/N 83 30 0 496 326 (1). Connect the quick disconnect coupler (2) onto the pressure tester adaptor. Connect the IMIB pressure measurement hose, P/N A5E0134072 (3).

Refer to the table located on SIB 11 08 03 for specifications.

Alternative Measurement/Connection Solution



Remove the oil cap adaptor from the existing Slack Tube Manometer.



Remove the engine oil cap and install the oil cap adaptor (1). Connect the IMIB pressure measurement hose, P/N A5E0134072 (2).

Refer to the table located on SIB 11 08 03 for specifications.