AIRLOCKER ARB

TOOLS

0770005

AIR LOCKER TEST GAUGE

Part No. 2102TOOL5
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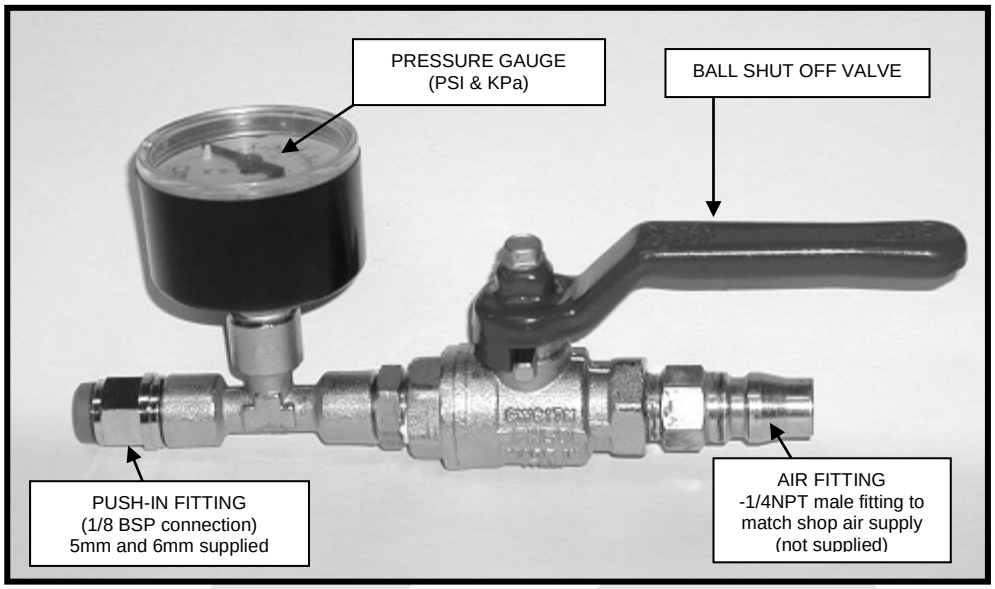
ARB AIR LOCKER TEST

To test the Air Locker pneumatic system, the following steps should be performed:

- Connect airline that runs from the bulkhead fitting into the Air Locker Test Gauge push-in fitting.
- Making sure that the lever is in the shut position, connect an external air supply (workshop airline) into the ball valve (NOTE. Air fitting is not supplied).
- Turn the lever to open and then to shut. Note that the gauge now shows the full pressure level in the air system.
- Disconnect the external air supply at the air fitting of the test gauge.
- After a period of 30 sec to 1 min, if the gauge hasn't moved at all, it can be safely assumed that there are no leaks in the system.
- If the gauge does drop in pressure, the problem should be found and rectified.



NOTE: To remove the airline from the push-in fitting firmly push the airline into the fitting, then depress the locking flange of the fitting, then remove the airline with a gentle pull. Do not try to forcibly pull the airline from the fitting as **THIS WILL ONLY LOCK IT IN TIGHTER**.

ARB AIR COMPRESSOR TEST

To test the Air Locker air supply, the following steps should be performed:

NOTE: No connection to shop air is required for this test.

- Connect the airline between the push-in fitting on the Air Locker Test Gauge and the Air Locker solenoid on the ARB Compressor (or alternate air source).
- Ensure that the ball valve on the test gauge is in the shut position.
- Turn on the air source and activate the solenoid that you are connected to.
- Open the valve of the test gauge slightly and bleed air out until the compressor starts up and then immediately close the valve.
- When the motor stops the gauge will be reading the shut-off switch pressure coming from the compressor (should be approx. 700KPa [100 PSI]).
- Once the motor stops, monitor the pressure over the next full minute.
- If the pressure drops at all then a leak is present and the problem should be located (using soapy water) and rectified.
- If no leaks exist then slowly bleed air from the system using the test gauge valve until the pressure drops to the automatic compressor start up pressure of no less than 400 KPa [60 PSI]. If it doesn't restart before the pressure drops to 400 KPa [60 PSI] or less then replace the pressure switch.
- Bleed all remaining air from the system before disconnecting the test gauge.