



Emissions Leak Test Failure

Maintenance Guide



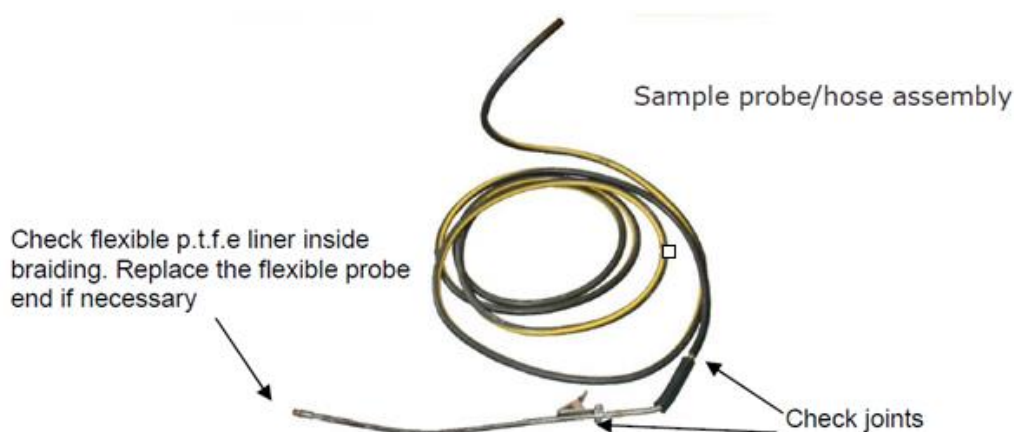
Vehicle Exhaust Gas Analyser (VEGA) Fault Finding

Leak Test Failure

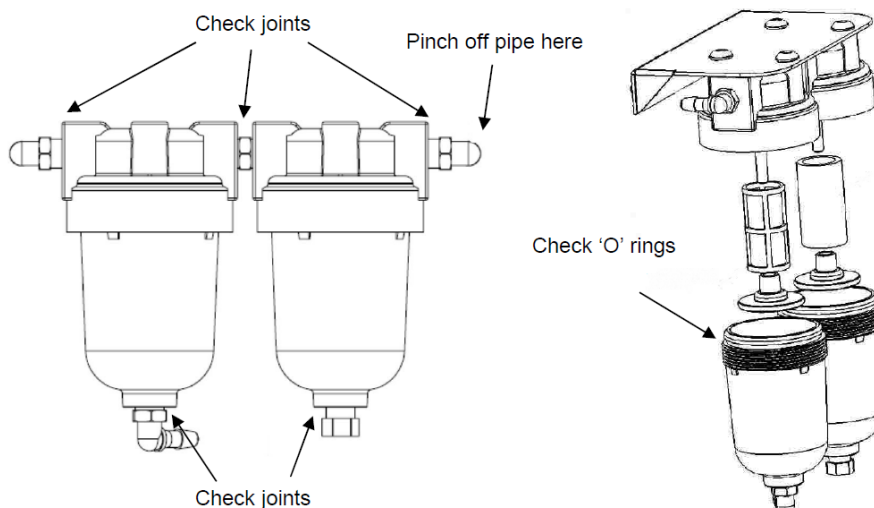
The system is drawing in air, possible causes of a leak test failure are faulty joints, particularly in sample probe/hose assembly and between the two filter bowls. Damaged 'O' ring seals of the filter bowls, particularly if filters have just been changed.

Checks

- Pump operation - Is the pump running
- Disconnect sample hose from the gas analyser
- Block the sample inlet and re-test
- If problem cured, inspect joints for leaks/damage
- Also ensure flexible probe is not damaged
- In cases of extreme exhaust gas temperature the PTFE liner may melt and cause leak test failure



- If the test still fails, 'pinch off' the pipe immediately after the gas filter bowl (see below) and retest. If problem cured, check all joints on sample inlet and filter bowl assembly, particularly the bowl to bowl adapter
- Unscrew filter bowls and ensure the 'O' rings are in good condition and have not been 'pinched' during assembly





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