



Turbo system  
leakage tester

K 221



## **INTRODUCTION**

This tool is designed to help locate leaks in turbo system components by sealing in- and outlet while putting it under low pressure to find leaks.

## **SAFETY AND PRECAUTION**

- Be careful not to put too high pressure into the turbo system. This may cause components to separate, causing personal injury or damage to the vehicle.
- Always follow instructions provided by the vehicle manufacturer regarding test procedures and pressure levels for testing.
- Ensure clamps are secured tightly before pressurizing the system.
- Wear eye protection.

## **PRODUCT SPECIFICATION**

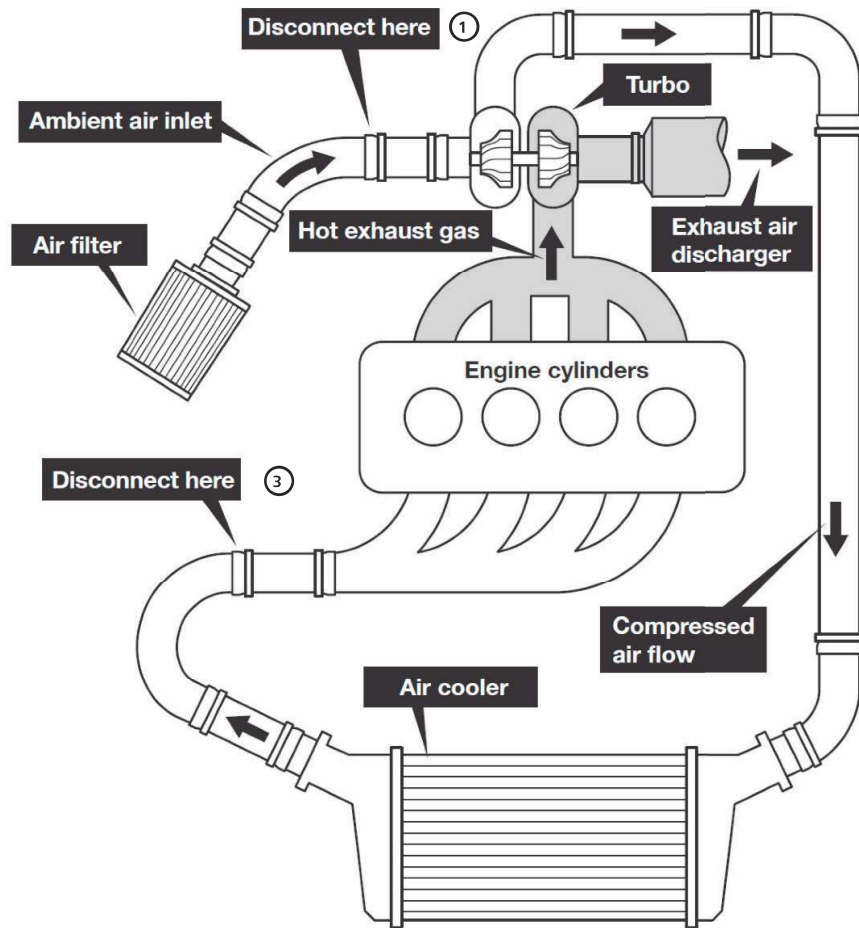
Adapters with air nipple: 31–38 mm, 46–51 mm, 55–60 mm, 65–70 mm, 75–80 mm, 85–90 mm.

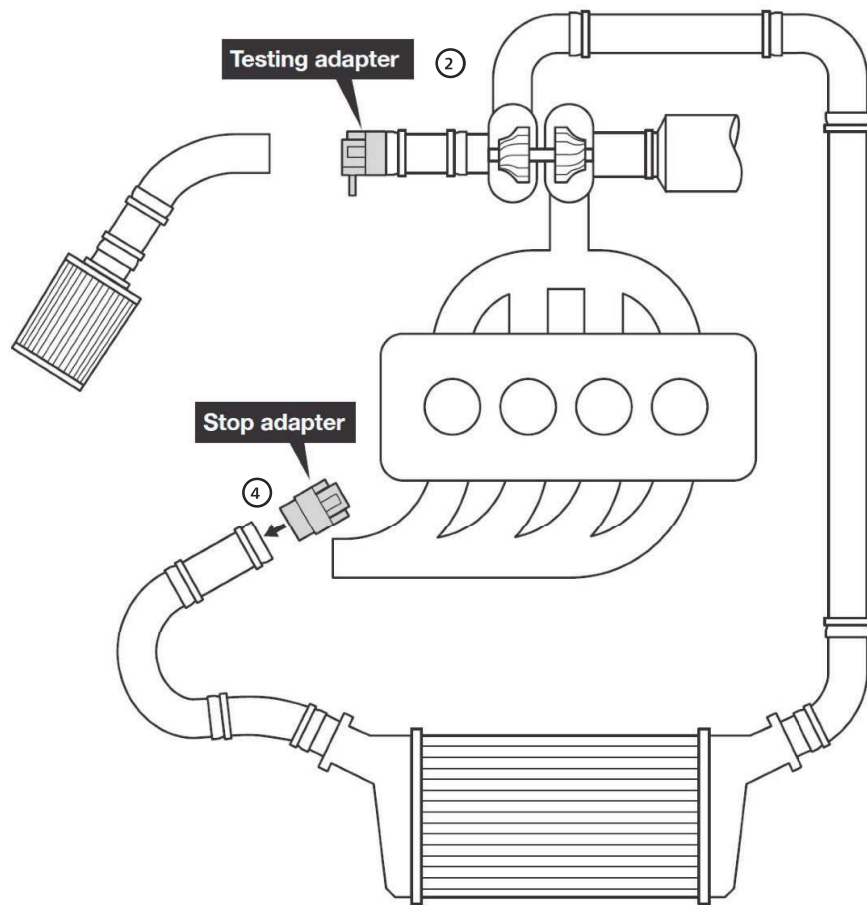
Plug adapters: 31–38 mm, 46–51 mm, 55–60 mm, 65–70 mm, 75–80 mm, 85–90 mm.

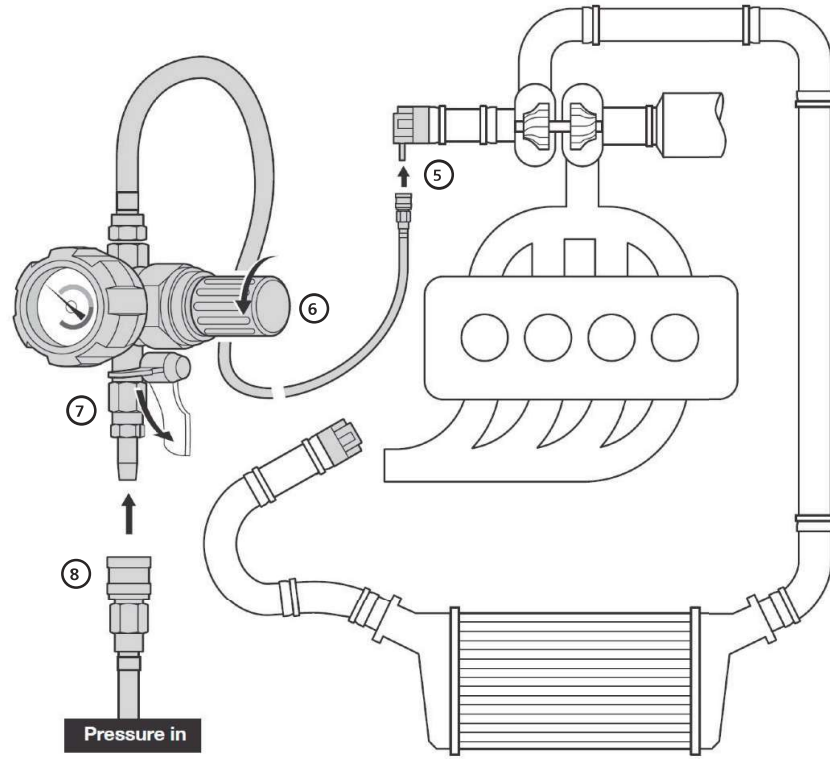
Manometer with hose, connection to adapters, regulator and shut off valve.

## **OPERATING INSTRUCTIONS**

- 1 Loosen the hose from the air filter or the turbo inlet (1) and select a correct size adapter with air nipple (2), install.
- 2 Now loosen the hose at the intake manifold (3) and select a correct size adapter (4), install.
- 3 Fit the regulator hose to the adapter (5)
- 4 Tighten the clamps, making sure the adapters are firmly fitted.
- 5 Turn regulator pressure all the way down by pulling out the cap (6) and turning it counter clockwise.
- 6 Make sure the shut off valve (7) is closed and attach the air supply hose to the nipple (8).
- 7 Open the valve and adjust the regulator pressure to recommended pressure, typically 1–1,5 Bar. If the pressure drops, check for leaks which may cause a hissing sound or use a mixture of soap and water to spray on areas where leaks can occur.
- 8 Remove air hose and open shut off valve to release pressure
- 9 Remove the regulator from the adapter
- 10 Remove the adapters from the turbo system and reconnect the hoses and tighten the clamps making sure all hoses are firmly fitted.







## PARTS LIST

Description	Part No
Leakage tester adapter Ø 31–38 mm	KR 221 1
Leakage tester adapter Ø 46–51 mm	KR 221 2
Leakage tester adapter Ø 55–60 mm	KR 221 3
Leakage tester adapter Ø 65–70 mm	KR 221 4
Leakage tester adapter Ø 75–80 mm	KR 221 5
Leakage tester adapter Ø 85–90 mm	KR 221 6
Leakage tester plug Ø 31–38 mm	KR 221 7
Leakage tester plug Ø 46–51 mm	KR 221 8
Leakage tester plug Ø 55–60 mm	KR 221 9
Leakage tester plug Ø 65–70 mm	KR 221 10
Leakage tester plug Ø 75–80 mm	KR 221 11
Leakage tester plug Ø 85–90 mm	KR 221 12
Valve, hose and manometer	KR 221 13



Kamasa Tools is a registered trademark of KG Knutsson AB, 191 81 Sollentuna, Sweden

K 221

[www.kamasatools.com](http://www.kamasatools.com)