BGS technic

BGS 6867

Cooling System Leakage Test Set

ADAPTER

1 Mercedes Benz 60mm internal thread
2 Audi A4, A5, A6 (new model) 62mm external thread
3 Opel, Ford Universal 48mm internal thread
4 BMW 57mm external thread
5 BMW 49mm internal thread
6 Volvo, Citroen, Fiat, Renault, Peugeot Universal 45mm internal thread
7 Audi VW Universal 43mm internal thread
8 Universal adjustable spring adaptor seat
9 Adaptor for item 8 with 50mm diameter base for main Japanese and European vehicles
10 Adaptor for item 8 with 35mm diameter base for main Japanese and European vehicles
11 Adaptor for item 8 with 27mm diameter base for main Japanese and European vehicles
12 Universal adaptor
13 Universal adaptor
14 U-piece stainless steel cap clamp
15 Honda, Toyota spring clamp cap 42mm
16 Mitsubishi, Ford, Nissan, Mazda spring clamp cap 44mm
17 Ford for use with items 9, 10, 11 52 mm for standard lug cap
18 Ford for use with items 9, 10, 11 56mm for standard lug cap
19 Mercedes Benz 50mm internal thread
20 Ford 49mm internal thread
21 Ford (after 2010)
22 Toyota, Honda
23 Mitsubishi, Ford, Nissan, Mazda

24 Nippon, Hino pressure caps
25 Renault, Audi, VW
26 Volvo, Citroen, Renault, Fiat, Peugeot
27 Opel, VW, Ford
28 Volvo, Renault
29 BMW
30 Mercedes

SAFETY INFORMATIONS

- Take care when opening the cooling system. Cooling system may be under pressure and hot coolant can spray out.
- Before dismantling the pump or the adapter release the pressure.
- Check the cooling fluid after the pressure test or repair of correct level and frost protection.
- Take care when working on running engines, loose or baggy clothing can be caught in rotating engine parts.
- These instructions do not replace the service literature. You may find additional information in service-literature. For all tests vehicle-specific data should be present, without this data can adequate results are not ensured.

Instruction Manual

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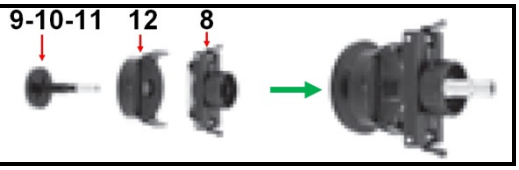
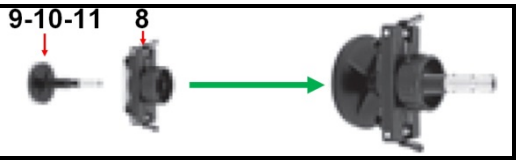
INSTRUCTION

Configuration of universal adjustable seats for European cars

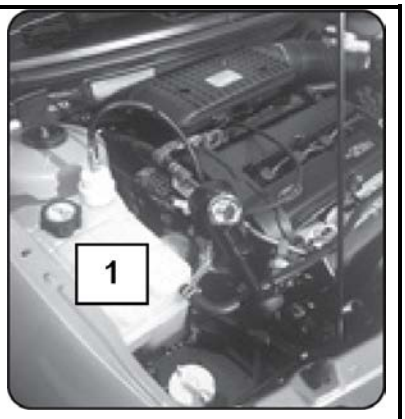


Configuration of universal adjustable seats of Japanese cars



Manual pressure testing instructions

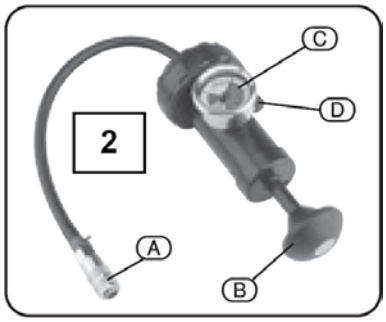
1. Important: For detailed and concise instructions on the correct use of this kit, refer to the vehicle manufacturers or workshop manual.
2. Warning: Do not over pressurize the system, as excessive pressure may cause failure of the radiator, hoses etc.
3. Carefully undo and remove the radiator or expansion tank pressure cap (use a cloth or gloves and arm protection if the radiator cap is known to be hot).
4. Select the correct adaptor and configuration of the stationary seat accessories and ensure it is securely fitted to the filler neck of the radiator or expansion tank (Fig.1).
5. Attach the “push-t” connector A onto the male tailpiece of the adaptor fitted to the radiator (Fig.2).
6. Depress the hand pump handle B and check the reading indicated on the pressure gauge C. Ideal readings should range between 12-15PSI (always check relevant manufacturer’s or workshop manual), if the pressure level is below this range or the pressure drops during testing, a leak in the coolant system (radiator, hose, etc.) is the most likely source of the problem.
7. Once the test is complete, release the air pressure by depressing the quick release valve D (Fig.2). Disconnect the “push-t” connector A and adaptor assembly and replace the radiator filler cap securely.

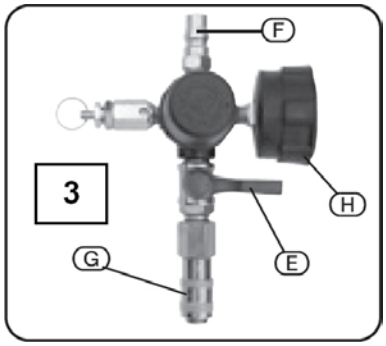


Using kit with compressed air line

- Warning: Input air pressure must be se to below 25psi on compressed air line BEFORE connecting to cooling system.
- Proceed as in steps 1-4 above. Failure to do so will cause damage to the system and danger to the use.
- Ensure air tap is in closed position (see Fig.3).
- Connect compressed air line to air inlet F.
- Connect to adaptor using quick-coupling G.
- Slowly open-air tap E until air pressure gauge H shows the required test pressure (always check relevant manufacturer’s or workshop manual).
- Once the test is complete, completely close air tap E, disconnect compressed air line F then carefully re-open-air tap E to release stored pressure and remove from cooling system. Finally, replace the radiator cap securely.

To test pressure cap: Connect cap to adaptor and pressurizes with pump as required to ascertain release pressure.





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