



Tester for Cooling Systems



4800/12

For Your Safety

- Before using the tool set, please read this application note!

Elements of the Tool Set / Included

- 4800-1 Radiator Pump
-2 Intermediate piece (flexible hose)
-3 Adapter (standard) bayonet coupling
-4 A Adapter for radiator inside thread

Serves as a connector for HAZET radiator adapter without connecting nipple at the same time

Now for even more vehicle types (replaces previous adapter 4800-4)

ALFA ROMEO 147, 164, 166, GT, Mito • **CITROËN** C2, C3, C4, C5, C6, C8, Jumper, Jumpy • **DACIA** Logan, Sandero • **FERRARI** threaded port • **FIAT** 500 since 2009, Bravo, Doblo, Fiorino, Grande Punto, Idea, Linea, Multipla, Panda, Punto, Qubo, Scudo, Seicento, Tempira, Tipo, Ulysse • **FORD** Ka since 2009 • **MINI** Mini since 2008 • **MITSUBISHI** Carisma D until 2003, Space Star D • **NISSAN** Micra • **PEUGEOT** 206, 207, 307 since 2004, 308, 406, 807 since 2004, Expert, Partner • **LAND ROVER** Freelander 2, 0 DI • **LANCIA** Delta, Musa, Phedra, Thesis • **MASERATI** threaded port • **RENAULT** Avantime, Espace, Master, Mégane, Laguna, Traffic, Twingo • **Volvo** 850, 960, C 70 until 2007, S 40 until 2003, S 60 until 2007, S 80 until 2007, V 40 until 2003, V 70 until 2007, XC 90 until 2007



- 5 A Adapter inside thread

VW Golf 2, Transporter T3 • **AUDI** • **PORSCHE** 986, 987, 996, 997, Cayman, Carrera E • **SMART** For Two, Roadster

- 6 A Adapter for radiator outside thread

VW Passat, T4, Lupo since 1998 • **SEAT** Arosa, Cordoba, Ibiza since 1999 - SEAT Vario and León until 1998 • **SKODA** Octavia until 1998

- 7 A Adapter for radiator inside thread

VAUXHALL Agila, Zafira A • **DAEWOO/CHEVROLET** • **FORD** Ka, Focus until 2007, Fusion, Mondeo • **MAN** Tga, L 2000 • **CHEVROLET**

- 8 A Adapter for radiator inside thread

BMW 5-, 7- and X-series

- 12 A Adapter for radiator outside thread

AUDI A1 (since 2010), A2, A3, A4, A5 since 2007, A6, A8, TT, Q5, Q7, R8 • **VW** Passat B5, Eos, Bora, T5, LT, Golf 4, 5, 6, Vento, Jetta • **SEAT** Toledo, Leon • **SKODA** Octavia, Fabia since 1998, Roomster, Superb • **PORSCHE** Cayenne, Panamera

- 13 A Adapter for radiator inside thread

VW Sharan • **FORD** Galaxy • **SEAT** Alhambra

- 17 Adapter for radiator inside thread

VAUXHALL Vectra C, Astra H, Meriva, Signum, Corsa, Insignia

- 22 Adapter for radiator bayonet coupling

CITROËN C1 • **DAIHATSU** Cuore L201, L501, Move L601 • **MAZDA** 121, Demino • **MITSUBISHI** Grandis since 2004, L400, Pajero Pinin / Sport, Space-Gear, -Runner, -Wagon • **PEUGEOT** 107 since 2006 • **ROVER** 600 • **SUBARU** B9 Tribeca, Justy • **SUZUKI** Alto • **TOYOTA** Aygo since 2006, Celica, Corolla, Rav 4, Starlet, Yaris ▶

-23 Adapter for radiator bayonet coupling

DAIHATSU Standard • **HONDA** Accord, Civic, Legend • **HYUNDAI** • **ISUZU** • **KIA** • **MAZDA** 323, 626 until 2002, 6, MX5, Premacy since 2000, RX8 • **MITSUBISHI** Carisma, Eclipse, Galant, Lancer, Outlander, Pajero, Sigma, Spacewagon D since 2003 • **NISSAN** 350Z, Almera, Maxima, Micra until 2004, Terrano 2, X-Trail • **TOYOTA** Avensis, Carina E • **SUZUKI** Baleno, Wagon-R • **SUBARU** Forester, Impreza, Legacy, Outback • **VAUXHALL** Agila 1.0 and 1.2 I • **SMART** Forfour

ATTENTION

- The pressure load must not exceed the manometer's maximum indication!

Application

- Remove the original radiator cap from the radiator or from the expansion tank.

ATTENTION! – Risk of Burns!

The cooling system on hot engines is under pressure.

When removing the cap hot steam or hot water can be exhausted.

- Select the respective adapter for the application and screw it in.
- Connect the cooling pump to the coupler nipple of the adapter.
- Create the indicated pressure with the cooling pump. (Follow vehicle manufacturer's instructions!)
- Observe pressure shown on manometer – if the cooling system maintains a constant pressure, it is in good working order.
- If you can observe a decrease of pressure, firstly check the connection at the radiator filler neck. Then check cooling system and lines for possible leak(s). Cooling water escapes from leaky spots. If leaky spots cannot be detected, the possible defect might be at the cylinder head or at the cylinder head gasket.

Before removing the adapter, open pressure outlet valve at the cooling pump!

NOTE:

- For difficultly accessible radiator openings (expansion tanks) or for very confined spaces, it is recommended to use the intermediate piece (flexible hose) 4800-2.

NOTE:

- Leaks between the combustion chamber and the cooling system on combustion engines (gas, diesel, petrol) can be detected with the Cylinder Head Leak Tester HAZET 4800-41 or with the Cylinder Head Tightness Tester HAZET 4793/3.

Maintenance and Cleaning

- Keep in a clean and dry place.
- Do not let fall down. Do not expose to impacts or liquids as they might damage the tool set.
- Clean surfaces with a dry cotton cloth only.
- Depending on the degree of soiling, the pump should be cleaned from time to time.
- Manometer check – if not under pressure, the manometer pointer must show at zero.
- Before using the pump, it must be tested. For this proceed as follows: Create pressure and observe manometer. The pump must keep the pressure. If it does not keep the pressure, check pump.

Storage

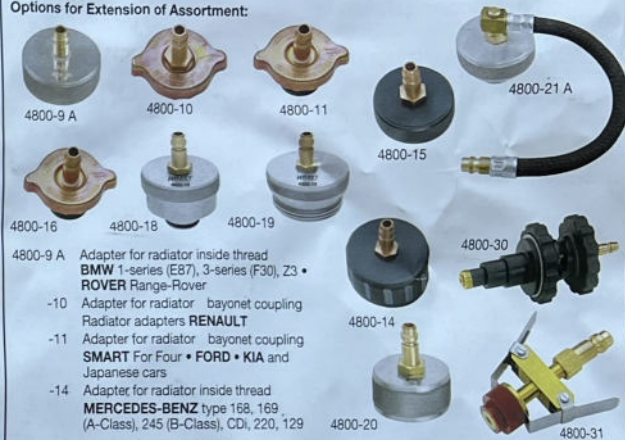
- The Tool Set for Cooling Systems should be stored as indicated below:

- Do not store outdoors.
- Store in a dry and dust-free place.
- Do not expose to liquids or aggressive substances.
- Storage temperature -10° up to +45°C
- Relative air humidity max. 80%

Disposal

- Dispose of in compliance with guidelines for environmental protection and work safety.
- Components can be recycled.
- Metal rests can be scrapped.

Options for Extension of Assortment:



- 4800-9 A Adapter for radiator inside thread **BMW** 1-series (E87), 3-series (F30), Z3 • **ROVER** Range-Rover
- 10 Adapter for radiator bayonet coupling Radiator adapters **RENAULT**
- 11 Adapter for radiator bayonet coupling **SMART** For Four • **FORD** • **KIA** and Japanese cars
- 14 Adapter for radiator inside thread **MERCEDES-BENZ** type 168, 169 (A-Class), 245 (B-Class), CDI, 220, 129 4800-20
- 15 Adapter for radiator inside thread **MERCEDES-BENZ** type 202 / 203 (C-Class)124 / 210 / 211 (E-Class) and 129 / 220 (S-Class), 164 (M-Class), 251 (R-Class)
- 16 Adapter for radiator inside thread **MERCEDES-BENZ** SLK, CLK, Sprinter since 1999 type 170, 208, 611 • **MINI** since 2001
- 18 Adapter for radiator inside thread **MERCEDES-BENZ** Sprinter since 2006, Viano since 2003
- 19 Adapter for radiator inside thread **VW** Crafter
- 20 Adapter for radiator inside thread **IVECO** Euro-Star, Euro-Tech, Euro-Truck • **MAN** F90, F2000 • **MERCEDES-BENZ** commercial vehicles Actros, Atego 1217 until 1999, Eco 8401, SK1728
- 21 A Adapter for radiator inside thread **MAZDA** 3 • **Volvo** C30, S40 since 2004, V50 • **FORD** Focus since 2008, Fiesta since 2008, C-Max, Galaxy since 2006, Kuga and S-Max
- 30 Universal adapter for radiator openings \varnothing 20 - 41 rubber plug With 3-stage rubber for rough and precise adjustment
- 31 Adapter for Japanese vehicles \varnothing 18 - 24 mm With clamp fastening



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www.hazet.com



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