

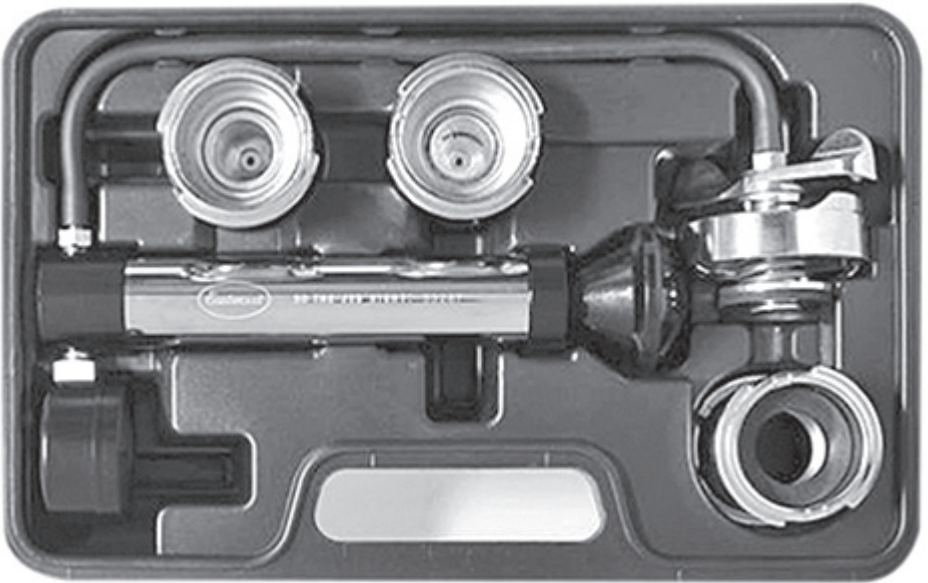
Eastwood[®]

DO THE JOB RIGHT.[®]

Item #33287

COOLING SYSTEM PRESSURE TESTER

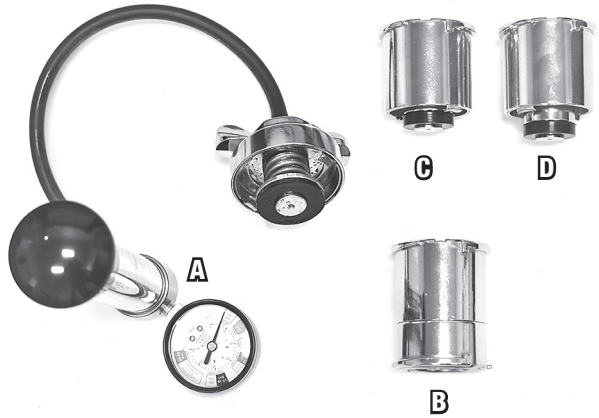
INSTRUCTIONS



The **EASTWOOD COOLING SYSTEM PRESSURE TESTER** provides a fast, accurate method to check for cooling system pressure leaks. Includes three popular Adaptor Cap styles to fit most radiator and coolant reservoir filler neck types. Capable of pressurizing cooling systems up to 30 PSI [2.06bar]. Features a rotating pressure release for maximum safety.

CONTENTS

- (1) Pressure Pump with integral 3" Gauge, 12" Hose, and Locking Radiator Adapter **[A]**
- (1) Radiator Cap Adapter **[B]**
- (1) 32mm ID x 9.5mm Radiator Adaptor **[C]**
- (1) 32mm ID x 15mm Radiator Adaptor **[D]**
- (1) Blow Molded Storage Case



SAFETY INFORMATION

The following explanations are displayed in this manual, on the labeling, and on all other information provided with this product:

⚠ DANGER

DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.

⚠ WARNING

WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

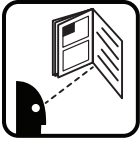
⚠ CAUTION

CAUTION indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

⚠ NOTICE

NOTICE is used to address practices not related to personal injury.

SAFETY INFORMATION



⚠️ READ INSTRUCTIONS

- Thoroughly read and understand these product instructions before using the Eastwood Cooling System Pressure Tester.
- Keep these product instructions for future reference.



⚠️ WARNING IMPROPER MOTOR VEHICLE MECHANICAL WORK CAN RESULT IN INJURY OR DEATH!

- Performing work without adequate training in motor vehicle mechanical systems can cause injury, death and vehicle damage. DO NOT attempt to use this tool or begin motor vehicle service work without proper training in and a thorough understanding of motor vehicle service and repair procedures.
- Refer to a manufacturers service manual for cooling system service procedures and capacities specific to the make and model of vehicle being serviced.



⚠️ WARNING BURN HAZARD!

- DO NOT open radiator cap if cooling system is hot! Hot fluid can erupt and cause burns.



⚠️ CAUTION INJURY HAZARD!

- When the Pressure Tester is in use, the apparatus and complete vehicle cooling system will be under pressure. Bursting or component failure could suddenly discharge coolant fluid resulting in serious eye or bodily injury.
- To avoid possible personal injury and property damage, DO NOT run engine with the Eastwood Cooling System Pressure Tester in use.



⚠️ CAUTION EXPOSURE TO AUTOMOTIVE FLUIDS CAN BE A HEALTH HAZARD!

- Radiator or coolant tank contents can splash into eyes. Be sure to follow all precautions listed on coolant containers before using.
- Wear ANSI Z87.1 approved eye protection while using Pressure Tester.
- Wear appropriate chemical resistant gloves while handling fluids.



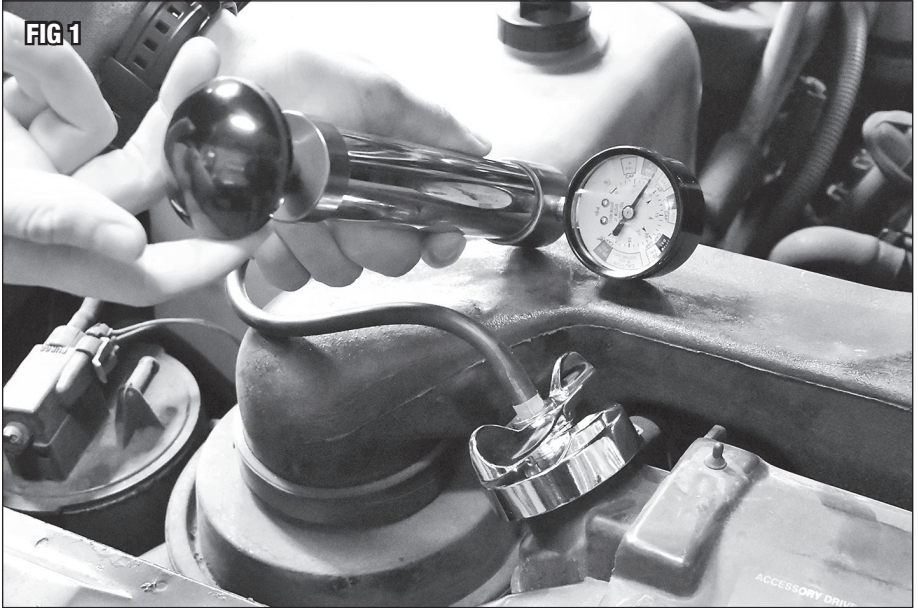
⚠️ NOTICE

- Used automotive fluids are hazardous materials and should be disposed of in compliance with local regulations.

OPERATION

COOLING SYSTEM PRESSURE TEST

- Refer to the vehicle's service manual for specific radiator pressure testing procedure.
- After the cooling system is sufficiently and safely cooled, remove the radiator or cooling system reservoir cap.
- Securely attach the Pump Pressure Cap [A] to the radiator or cooling system reservoir and latch in place of the permanent cap (**FIG 1**).



- If required, select the Adapter [D] or [C] configuration that most closely matches the cap removed in the previous step (FIG 2).
- Once the combination of Adapter Cap and Pressure Cap is determined, operate the Hand Pump for several strokes, stop and check for leakage of connections.
- Rapidly pump the Hand Pump while watching the pressure gauge. Pressurize the radiator up to the manufacturers operating pressure only!



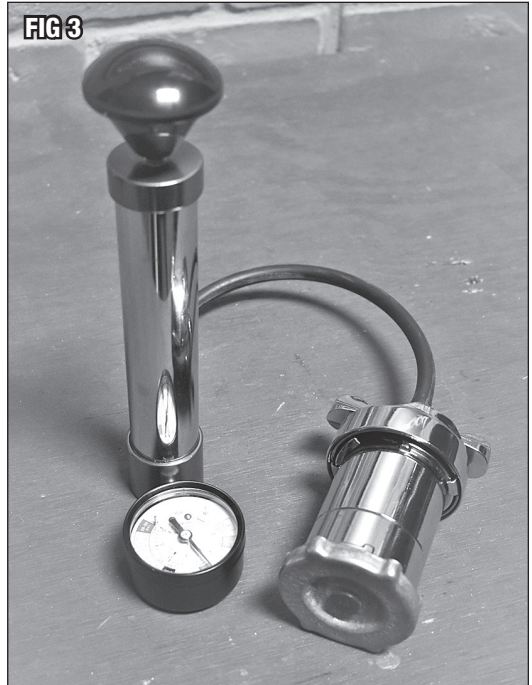
⚠ WARNING

**DO NOT overpressurize the radiator. Readings normally range 12~15 PSI.
If the pressure level is too low, there may be a leak in the radiator or hose.**

- As the recommended cooling system pressure is reached, observe the Pressure Gauge for a decrease in pressure. If the Gauge holds pressure for 60 seconds or longer, no leaks are present. If the pressure decreases, a leak is present.
- Following completion of the pressure test, release the air pressure by rotating the Pressure Release on the Pressure Cap, then disconnect the Pressure Cap and Adapter assembly.
- Clean any traces of coolant fluid from the components and return them to the Blow Molded Case for storage.

RADIATOR CAP PRESSURE TEST

- Refer to the vehicle's service manual or radiator cap for the specific rated pressure.
- After the cooling system is sufficiently and safely cooled, remove the radiator or cooling system reservoir cap.
- Securely latch the Pump Pressure Cap **[A]** to the Cap Adaptor **[B]** then latch the radiator cap to the opposite end of the Cap Adaptor **[B]** (**FIG 3**).
- Rapidly pump the Hand Pump while watching the pressure gauge. Pressurize the radiator cap up to the manufacturers operating pressure only!
- As the recommended radiator cap pressure is reached, observe the Pressure Gauge for a decrease in pressure. If the Gauge holds pressure for 60 seconds or longer, the cap holds pressure. If the pressure decreases, the radiator cap is defective.
- Following completion of the pressure test, release the air pressure by rotating the Pressure Release on the Pump Pressure Cap, then disconnect the Pump Pressure Cap and Adapter assembly.
- Clean any traces of coolant fluid from the components and return them to the Blow Molded Case for storage.



ADDITIONAL ITEMS

- #31816 Eastwood Coolant System Fill Kit
- #15551ZP Evans High Performance Waterless Coolant
- #15552ZP Evans Prep Fluid
- #31630 Rockwood Drain Pan
- #31838 Eastwood Spring Clamp Pliers

If you have any questions about the use of this product, please contact

The Eastwood Technical Assistance Service Department: 800.343.9353 >> email: tech@eastwood.com

PDF version of this manual is available at eastwood.com

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