

## Radiator Pressure Test Kit

**65053 Test Kit**

### INSTRUCTIONS AND PRECAUTIONS

Visit our website at:  
<http://www.harborfreight.com>

#### **⚠ WARNING**

Read this material before  
using this product.  
Failure to do so can result  
in serious injury.  
**SAVE THIS MANUAL.**

When unpacking, make sure  
that the product is intact and  
undamaged.

If any parts are missing or broken,  
please call 1-800-444-3353  
as soon as possible.

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Tools. Diagrams within this document may  
not be drawn proportionally. Due to continuing  
improvements, actual product may differ slightly  
from the product described herein. Tools required  
for assembly and service may not be included.

**For technical questions or replacement  
parts, please call 1-800-444-3353.**



## Important Safety Information

1. **TO PREVENT STEAM BURNS, DO NOT OPEN HOT OR WARM RADIATOR CAP.**
2. Loosen the vehicle's radiator cap slowly to relieve any excess pressure before removing the cap completely.
3. Keep away from hot engine parts and fluids.
4. Use this product only according to these instructions. Improper use can create hazards.
5. Wear ANSI-approved safety goggles and heat resistant work gloves during product assembly and use.
6. Refer to the vehicle's service manual for specific radiator pressure testing instructions before use.
7. Clean up coolant spills immediately. Dispose of fluids according to local, state, and federal codes and regulations.
8. Keep work area clean and well lit.
9. Do not overreach. Keep proper footing and balance at all times. This enables better control of the product in unexpected situations.
10. Keep bystanders out of the area during assembly and use.
11. Do not assemble or operate when tired or when under the influence of drugs or medication.
12. This product is not a toy. Do not allow children to play with or near this product.
13. Use as intended only.
14. Inspect before every use. Do not use if parts missing or damaged.
15. Maintain product labels and nameplates. These carry important

safety information. If unreadable or missing, contact Harbor Freight Tools for a replacement.

## Product Component List

**NOTE:** All the parts are numbered. See the photo on page 3.

1. **Hand Pump:** Features color-coded Pressure Gauge, Pressure Release Valve, Quick Coupler.
2. **Adapter:** For use with Skoda®, SAAB®, Ford®, Daewoo®, Audi® A4, A5, A6.
3. **Adapter:** For use with Skoda®, Seat®, Audi®, Opel®, V.W.®, Ford®.
4. **Adapter:** For use with Seat®, ALFA Romeo®, Audi®, B.M.W.®
5. **Adapter:** For use with Rover®, B.M.W.®
6. **Adapter:** For use with Rover®, Opel®, Volvo®, Citron®, Renault®, Fiat®, Peugeot®.
7. **Adapter:** For use with Lancia®, Volvo®, Rover®, Renault®, Peugeot®, Opel®, Honda®, Fiat®, Citroen®, Audi®, V.W.®.
8. **Adjustable Stationary Seat to include:** Toyota®, Suzuki®, Nissan®, Mitsubishi®, Mercedes®, Chrysler®, Citroen®.
9. **50mm Seat:** Use with item 8 above (Adjustable Stationary Seat) for Japanese cars, European car series.
10. **35mm Seat:** Use with item 8 above (Adjustable Stationary Seat) for Japanese car series, European cars to include: Suzuki®, Nissan®, Mitsubishi®, Chrysler®, Citroen®, Mercedes®.
11. **27mm Seat:** Use with item 8 above (Adjustable Stationary Seat) for Japanese cars, European cars: Toyota®, Suzuki®, Nissan®.

12. **Radiator Conversion Cap:** Use with item 8 above (Adjustable Stationary Seat), item 9 (50mm Seat), and item 11 (27mm Seat); Suzuki®.
13. **Radiator Test Cap:** Use for radiator's upper cap, for use with Kia®
14. **Stainless Fastener:** Use for all Adapters and Seat accessories with: Toyota®, Suzuki®, Mitsubishi®, Nissan®.
15. **Adapter:** For use with Honda®, Toyota®.
16. **Adapter:** For use with Opel®, Hyundai®, Honda®, Mitsubishi®, Ford®, Nissan®, Mazda®, Toyota®.

1. Refer to the vehicle's service manual for specific radiator pressure testing instructions.
2. Loosen the vehicle's radiator cap slowly to relieve any excess pressure before removing the cap completely. Use gloves and a damp cloth if the cap is hot.
3. Select the Proper Adapter and configuration of the Stationary Seat accessories. Securely attach the adapter to the filler neck of the radiator or expansion tank.
4. Attach the Quick Connector of the Hand Pump onto the Adapter.
5. Rapidly pump the Hand Pump Handle while watching the pressure gauge. Pressurize the radiator up to the optimal pressure only - Do not overpressurize the radiator. Ideal readings should range between 12 and 15 PSI. If the pressure level is below the range, a leak in the radiator or hose is the source of the problem.
6. Once the test is complete, release the air pressure by pressing the Pressure Release Valve on the Hand

## Operating Instructions



Read the ENTIRE IMPORTANT SAFETY INFORMATION section at the beginning of this document including all text under subheadings therein before set up or use of this product.



Pump. Then disconnect the Quick Coupler and Adapter assembly.

7. Make sure to store the Radiator Pressure Tester Kit in its Carrying Case and keep the Kit in a clean, dry, safe location out of reach of children and other unauthorized persons.

#### Record Serial Number Here:

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**Note:** If product has no serial number, record month and year of purchase instead.

#### PLEASE READ THE FOLLOWING CAREFULLY

NEITHER THE MANUFACTURER OR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT, OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS, AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

### LIMITED 90 DAY WARRANTY

Harbor Freight Tools Co. makes every effort to assure that its products meet high quality and durability standards, and warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of 90 days from the date of purchase. This warranty does not apply to damage due directly or indirectly, to misuse, abuse, negligence or accidents, repairs or alterations outside our facilities, criminal activity, improper installation, normal wear and tear, or to lack of maintenance. We shall in no event be liable for death, injuries to persons or property, or for incidental, contingent, special or consequential damages arising from the use of our product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS.

To take advantage of this warranty, the product or part must be returned to us with transportation charges prepaid. Proof of purchase date and an explanation of the complaint must accompany the merchandise. If our inspection verifies the defect, we will either repair or replace the product at our election or we may elect to refund the purchase price if we cannot readily and quickly provide you with a replacement. We will return repaired products at our expense, but if we determine there is no defect, or that the defect resulted from causes not within the scope of our warranty, then you must bear the cost of returning the product.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

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