



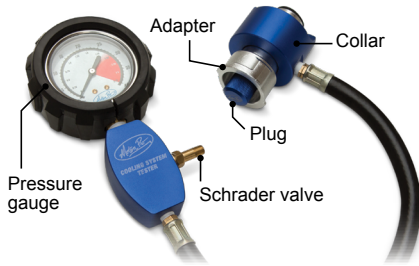
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INSTRUCTIONS

MOTION PRO COOLING SYSTEM TESTER

P/N 08-0559 - TYPE A (15.75 – 20 mm neck depth)

P/N 08-0670 - TYPE B (20 – 24.5 mm neck depth)



The Motion Pro Cooling System Tester is specifically designed to test the complete cooling system on your motorcycle, ATV, or UTV. Performing a cooling system test can be done in the following ways:

- **Testing the cap alone**
- **Testing the radiator, hoses and internal components**
- **Testing the cap and cooling system together**
- **Testing the cooling system on a running engine**

TOOLS NEEDED:

Low pressure bicycle pump with Schrader Valve head

SAFETY EQUIPMENT RECOMMENDED:

- Safety Glasses**
- Protective Gloves**

TESTING THE CAP

1. Make sure the radiator is cold and the engine is not running. Remove the radiator cap from the radiator
2. Install the blue threaded plug in the bottom of the adapter. Install the adapter into the blue collar
3. Install the cap on the top of the adapter
4. Pressurize cap through the Schrader air valve using a bicycle air pump. The cap should hold the specified pressure indicated on either the top of the cap or owner's manual and release pressure when exceeding the maximum indicated pressure

WARNING: NEVER MANUALLY PRESSURIZE THE TOOL INTO THE RED RANGE ON THE GAUGE WHEN STATIC TESTING. IMPROPER USE COULD RESULT IN SEVERE BURNS, DAMAGE TO EYES, AND OTHER GREAT BODILY INJURY OR DEATH.

TESTING THE COOLING SYSTEM WITHOUT CAP

1. Make sure the radiator is cold and the engine is not running. Remove the radiator cap from the radiator
2. Insert the blue threaded plug into the top of the adapter
3. To install the collar assembly onto the radiator, turn the adapter counter clockwise in the collar to allow the collar tabs to engage below the flange of the radiator neck. Then turn the adapter clockwise until the adapter is snug and seals against the radiator neck
4. Pressurize the system through the Schrader valve using a bicycle air pump and pressurize to the maximum rated pressure for your vehicle as specified in your owner's manual. A properly functioning cooling system will maintain pressure. Any pressure loss indicates leaks within the cooling system

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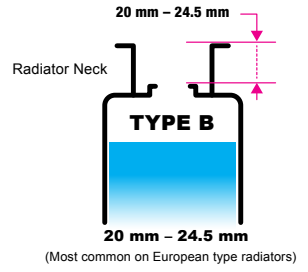
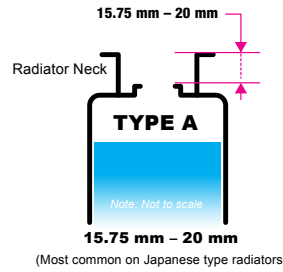
WARNING: DO NOT REMOVE THE ADAPTER OR COLLAR ASSEMBLY FROM A HOT ENGINE!!! THE GAUGE ON THE TESTER MUST READ 0 PSI BEFORE THE ADAPTER, COLLAR ASSEMBLY, OR CAP CAN BE SAFELY REMOVED. IMPROPER USE COULD RESULT IN SEVERE BURNS, DAMAGE TO EYES, AND OTHER GREAT BODILY INJURY OR DEATH.

TESTING THE COMPLETE COOLING SYSTEM

1. Make sure the radiator is cold and the engine is not running. Remove the radiator cap from the radiator
2. Install the collar assembly onto the radiator
3. Install the radiator cap onto the adapter
4. Install the overflow tube onto the fitting on the adapter
5. Pressurize the system through the Schrader valve using a bicycle air pump and pressurize to the maximum rated pressure for your vehicle as specified in your owner's manual. A properly functioning cooling system will maintain pressure. Any pressure loss indicates leaks within the cooling system

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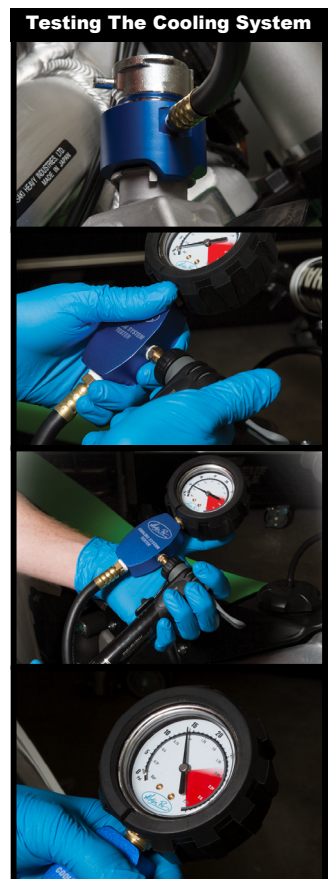
Replacement Adapters Available:



08-0671, Type A:
 15.75 – 20 MM radiator neck depth
 Most common on Japanese type radiators



08-0672, Type B:
 20 – 24.5 MM radiator neck depth
 Most common on European type radiators



TESTING ON A RUNNING ENGINE

Note: In some cases a leaking head gasket will not fail until the engine is at operating temperature. With the tester in the configuration for the complete cooling system it is possible to run the engine with the tester installed

1. Make sure the radiator is cold and the engine is not running. Remove the radiator cap from the radiator
2. Install the collar assembly onto the radiator neck
3. Install the radiator cap onto the adapter
4. Install the overflow tube onto the fitting on the adapter
5. Start the engine and observe the increase in pressure

WARNING: *DO NOT REMOVE THE ADAPTER OR COLLAR ASSEMBLY FROM A HOT ENGINE!!! THE GAUGE ON THE TESTER MUST READ 0 PSI BEFORE THE ADAPTER, COLLAR ASSEMBLY, OR CAP CAN BE SAFELY REMOVED. IMPROPER USE COULD RESULT IN SEVERE BURNS, DAMAGE TO EYES, AND OTHER GREAT BODILY INJURY OR DEATH.*

MAINTENANCE

Wipe the Cooling System Tester components clean after each use. Ensure that the sealing x-rings on the adapter are lightly greased and kept clean

WARRANTY: ONE YEAR LIMITED WARRANTY

Motion Pro products with a one year limited warranty are guaranteed against defects in materials or workmanship only for one year from the date of purchase and this guarantee is limited to repair or replacement of the product only and to the original purchaser only.

All products being returned to Motion Pro for warranty consideration must be accompanied by a Return Goods Authorization number (RGA#). ***Please contact the Motion Pro Warranty Department at 650-594-9600 between 8am-5pm pst Monday-Friday, or email: warranty@motionpro.com to obtain a RGA#. Please do not send any product to Motion Pro without an RGA#.***

Send product back to Motion Pro Warranty Department, 3171 Swetzer Rd, Loomis, CA 95650 for inspection with RGA number clearly noted on outside of box or in letter inside box. Include note with product clearly stating claimed defect, proof of purchase, and your contact information. Motion Pro reserves the right to inspect and determine if a product is defective and that product was not subject to misuse. Consumers outside of the USA must contact the store where they purchased the product from to obtain warranty return and service directions for their country and location.

This warranty is limited to repair or replacement at the sole discretion of Motion Pro, Inc.

The above is the customer's exclusive remedy. The above is in lieu of all warranties expressed or implied and of all other obligations and liabilities. In no event shall Motion Pro, Inc. be liable for any incidental or consequential damages arising from the breach of any warranties, improper use, the failure to deliver, delay in delivery, delivery of non-conforming parts, or any other breach of contract or duty.