

# **DIESEL COMPRESSION TESTER**

Item Number W89735

## **OWNER'S MANUAL**



*Performance Tool*®

**▲WARNING:** READ, UNDERSTAND AND FOLLOW ALL INSTRUCTIONS AND WARNINGS BEFORE OPERATING THIS TOOL. FAILURE TO DO SO MAY RESULT IN PERSONAL INJURY AND/OR PROPERTY DAMAGE AND WILL VOID WARRANTY.

**PT**®  
Performance Tool

## SAFETY GUIDELINES / DEFINITIONS

*This instruction manual is intended for your benefit. Please read and follow the safety, installation, maintenance and troubleshooting steps described within to ensure your safety and satisfaction. The contents of this instruction manual are based upon the latest product information available at the time of publication. The manufacturer reserves the right to make product changes at any time without notice.*

**▲WARNING:** Read and understand this entire instruction manual before attempting to assemble, install, operate or maintain this product. Failure to comply with the instructions may result in serious personal injury and/or property damage!

**The following signal words are used to emphasize safety warnings that must be followed when using this product:**

**▲DANGER:** Indicates an imminently hazardous situation that, if not avoided, WILL result in death or serious injury.

**▲CAUTION:** Indicates a potentially hazardous situation that, if not avoided, MAY result in minor or moderate injury.

**▲WARNING:** Indicates a potentially hazardous situation that, if not avoided, COULD result in death or serious injury.

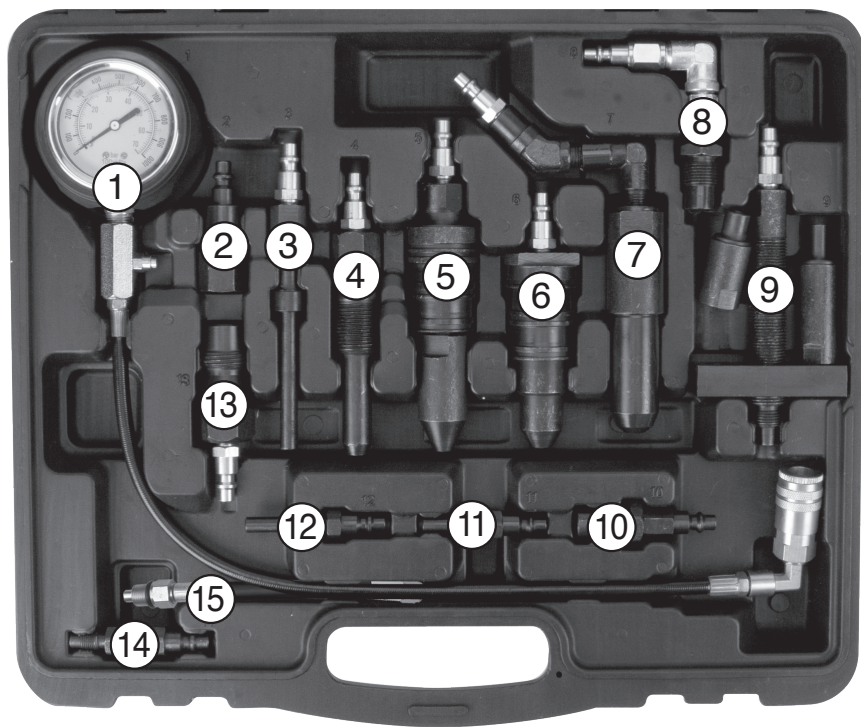
**▲NOTE:** Indicates important information, which if not followed, MAY cause damage to equipment.

## IMPORTANT SAFETY INFORMATION

**▲WARNING!**

**READ, UNDERSTAND AND FOLLOW ALL INSTRUCTIONS AND WARNINGS BEFORE OPERATING THIS PRODUCT. FAILURE TO DO SO MAY RESULT IN PERSONAL INJURY AND/OR PROPERTY DAMAGE AND WILL VOID WARRANTY.**

1. KEEP WORK AREA CLEAN AND DRY. Cluttered, or wet work areas invite injuries.
2. KEEP CHILDREN CLEAR OF WORK AREA. Do not allow children to handle this product.
3. STORE IDLE EQUIPMENT. When not in use, tools and equipment should be stored in a dry location to inhibit rust. Always lock up tools and equipment and keep out of reach of children.
4. DO NOT USE THIS PRODUCT IF UNDER THE INFLUENCE OF ALCOHOL OR DRUGS. Read warning labels on prescriptions to determine if your judgment or reflexes are impaired while taking drugs. If there is any doubt, do not attempt to use this product.
5. USE EYE PROTECTION. Wear ANSI approved safety glasses when using this or any other testing equipment.
6. DRESS SAFELY. Non-skid footwear or safety shoes should be worn. Do not wear loose clothing or jewelry as they can become caught in moving parts. Wear a protective hair covering to prevent long hair from becoming caught in moving parts.
7. DO NOT OVERREACH. Keep proper footing and balance at all times to prevent injury.
8. STAY ALERT. Use common sense and watch what you're doing at all times. Do not use this product when you are tired or distracted from the job at hand.
9. CHECK FOR DAMAGED PARTS. Before using this product, check for damaged parts and any other conditions that may affect the operation of this product. Insure that it will operate properly and perform its intended function. Replace or repair damaged or worn parts immediately.
10. MAINTAIN THIS PRODUCT WITH CARE. Keep this tool clean and dry after each use for better and safer performance.
11. USE THE RIGHT PRODUCT FOR THE RIGHT JOB. There are certain applications for which this product was designed. Do not use small equipment, tools or attachment to do the work of larger industrial equipment, tools or attachments. Do not use this product for a purpose for which it was not intended.



## APPLICATIONS

No.	Application	Engine	Testing Port	Thread
1	All			
2	Bacharach	Allow a Bachrach brand adapter to be used without tester.		
3	Case, J. I. Caterpillar Deer, John Waukesha	70 Series, 188 & 207 C.I.D. pencil nozzle 1100 and 3208 series Early 300, 400 & 500 series, 276, 404 & 531 C.I.D. D155D	Fuel Injector Fuel Injector Fuel Injector	
4	Caterpillar	"Capsule" type nozzle including models D-336, 1674, 1676, 3406, 3408 & 3412	Fuel Injector	
5	Cummins	These 5.5 bore engines: NH (855 cubic inches) V-6, V-8, V-12 & 903 V-8 Cylindrical PTB	Fuel Injector	
6	Cummins	V-185, V210, V225, V555, VT-255, VT555	Fuel Injector	
7	Detroit Diesel	53, 71, 92, 110, 149, V53, V71 with low or high clamp injector hold down	Fuel Injector	

## APPLICATIONS

No.	Application	Engine	Testing Port	Thread
8	Mercedes Benz	12 mm is for Model 300 & 300 Turbo diesel from 1978 and the 250 & 350 Turbo models. 18 mm is for all regulator Mercedes Benz engines & model 300 prior to 1978	Glow plug	12 mm-1.25 and 18 mm-1.50
9	Allis Chalmers Bedford Case, J. I. Deere, John Fiat Allis  Ford Tractor International Harvester Mack Truck  Onan Waukesha	6000, 7000, 10000 & 11000 200, 220, 300, 330 & 466 All models not using pencil nozzle 404, 466, 531 & 619 8035-02-300, 8035-02-301, 8035-02-302, 8045-02 & 8045-03 All D/DT 361, D/DT 429, DV 462, DV/DVT 550, DT/DV/DVT 573, 361, 407 END 405, 457, 475, 510, 519, 605, 672, 673, 674, 711, 864 ENDT-673, 675, 676, 865, 866 DSL, MSDL These 5.5 in. bore engines: NH (855 cubic inches), V-6, V-8, V-12 & 903 V-8 Cylindrical PTB	Fuel Injector Fuel Injector Fuel Injector Fuel Injector Fuel Injector Fuel Injector Fuel Injector Fuel Injector	
10	BMW Lincoln Continental Mark VII Peugeot	2.4 liter 1984 and 1985 car models  For diesel passenger cars having either 12 mm-1.25 or 18 mm-1.5 glow plug port holes	Glow plug Glow plug  Glow plug	12-1.25 mm 12-1.25 mm  12-1.25 mm and 18-1.5 mm
11	Ford/Navistar General Motors Navistar	6.9 and 7.3 liter 4.3 and 5.7 liter 6.9 and 7.3 liter	Glow plug Glow plug Glow plug	10mm-1.00 10mm-1.00 10mm-1.00
12	Chevy Luv Isuzu Toyota	1.8 and 2.2 liter 1.8 and 2.2 liter 1.8 liter	Glow plug Glow plug Glow plug	10mm-1.25 10mm-1.25 10mm-1.25
13	Audi Cummins Mercedes Benz Volkswagen Volvo	All 6 BT, 4.02" bore, 5.9 liter Cars and trucks with 24mm ports All cars and trucks All cars and trucks	Fuel Injector Fuel Injector Fuel Injector Fuel Injector Fuel Injector	24mm-2.00 24mm-2.00 24mm-2.00 24mm-2.00 24mm-2.00
14	General Motors	4.3, 5.7, 6.7 liter Turbo	Glow plug	10mm-1.25
15	Ford	Ford 6.0L Power Stroke, Navistar/International VT365 and more	Glow plug	M14-1.25

**NOTE:** When testing through the 12mm-1.25 glow plug port, use the inner portion of number 10.



**▲ WARNING:** *It is the owner and/or operators' responsibility to study all WARNINGS, operating, and maintenance instructions contained on the product label and instruction manual prior to operation of this product. The owner/operator shall retain product instructions for future reference.*

*The owner and/or operator are responsible for maintenance, maintaining all decals or warning labels and while in use, maintaining the unit in good working order. If the owner and/or operator are not fluent in English, the product warnings and instructions shall be read and discussed with the operators' native language by the purchaser/owner or his designee. Make sure that the operator comprehends its contents. Safety information shall be emphasized and understood prior to usage. The product shall be inspected per the operating instructions.*

*Users of this product must fully understand these instructions. Each person operating this product must also be of sound mind and body and must not be under the influence of any substance that might impair their vision, dexterity or judgment.*

*Protect yourself and others by observing all safety information.*

*Failure to comply with instructions could result in personal injury and/or property damage!*

*If you encounter any problems or difficulties, please contact our customer service department at: 1-800-426-1262 between 6:30 a.m. and 4:30 p.m. Pacific time.*

## 1 YEAR WARRANTY

PERFORMANCE TOOL® extends only the following warranties, and only to original retail purchasers. These warranties give specific legal rights. Except where prohibited by local law, the law of the State of Washington governs all warranties and all exclusions and limitations of warranties and remedies. There may be other rights which vary from state to state.

PERFORMANCE TOOL® warrants the product to be free from defects in materials and workmanship under normal use and service. A defective product may be returned for a free replacement within 90 days from the date of purchase, provided that product is returned to place of purchase immediately after discovery of defect. After 90 days and up to one year from date of purchase, PERFORMANCE TOOL® will replace at no charge any parts which our examination shall disclose to be defective and under warranty. These warranties shall be valid only when a sales receipt showing the date of purchase accompanies the defective product or defective part (s) being returned. For part (s) after 90 days, please remit your request, postage prepaid to:

PERFORMANCE TOOL, P.O. Box 88259 Tukwila, WA 98138

These warranties exclude blades, bits, punches, dies, bulbs, fuses, hoses, and other consumables which must be replaced under normal use and service. These warranties shall not apply to any product or part which is used for a purpose for which it is not designed, or which has been repaired or altered in any way so as to affect adversely its performance or reliability, nor shall these warranties apply to any product or part which has been subject to misuse, neglect, accident or wear and tear incident to normal use and service.

PERFORMANCE TOOL® does not authorize any other person to make any warranty or to assume any liability in connection with its products.

Except for warranties of title and the limited express warranties set forth above, PERFORMANCE TOOL® makes no express or implied warranties of any kind with respect to its products. In particular, PERFORMANCE TOOL® makes no implied warranty of merchantability and no implied warranty of fitness for any particular purpose, except that for goods purchased primarily for personal, family or household use and not for commercial or business use, PERFORMANCE TOOL® makes an implied warranty of merchantability (and, if otherwise applicable, an implied warranty of fitness for a particular purpose), but only for the particular qualities or characteristics, and for the duration, expressly warranted above.

The laws on limitation of implied warranties may differ from state to state, so the above limitations may not apply in all cases.

PERFORMANCE TOOL® shall not be liable for consequential, incidental or special damages resulting from or in any manner related to any product, or to the design, use, or any inability to use the product. The sole and exclusive remedy for a defective product or part shall be the repair, or replacement thereof as provided above. The laws on limitation of remedies or on consequential, incidental or special damages may vary from state to state, so the above limitations may not apply in all cases.