COMPRESSION AND PRESSURE TESTERS

Compression Tester for Diesel Engines — H1845

- For most diesel trucks and cars
- Supplied with three popular adaptor numbers 1845D, 1845E and 1845J
- Easy-to-read 2-1/2" diameter gauge head
- Flex hose with swivel head eliminates the need to remove auxiliary equipment such as power brakes and steering, air conditioning and manifold
- Quick side release valve to reset gauge without removal of adaptor
- Gauge Range: **0 - 1,000 PSI, 0 - 70 kg/cm²**

Adaptors Available:

- Listed by vehicle make
- Included in Kit*
- See illustrations

Replacement Parts:

- **H1845A** Hose Assembly 24-1/4"
- **H1845B** Gauge Head
- **H1845C** Quick Coupler
- **H1845G** Valve Core

Accessory - Adapter - Replacement Part - H1845 Diesel Tester

Manufacturer	Engine	Type	Thread (in)	Adaptor
Allis Chalmers	6000, 7000, 10,000, 11,000	Injector		H1845P
Allix		Injector		H1845P
Audi	All	Injector	24 x 2.0	H1845E*
Audi	1.5, 1.6, 2.0, 2.6 LITRE	Glow Plug	12 x 1.25	H1845H
BedFord™	200, 220, 300, 330, 466	Injector		H1845P
BMW	2.4L	Glow Plug	12 x 1.25	H1845H
Case		Injector		H1845P
Caterpillar	3208, 110 Pencil Type	Injector		H1845FF
Caterpillar	D336, 1674, 1676,	Injector	7/8 x 14	H1845GG
Caterpillar	3406, 3408, 3412	Injector	7/8 x 14	H1845GG
Continental	W/Volvo Engines	Glow Plug	10 x 1.25	H1845M
Cummins	V-185, V-210, V225	Injector		H1845Q
Cummins	V-555, VT-255, VT-555	Injector		H1845Q
Cummins	H, HR, NH, NVH, V6, V8,	Injector		H1845Q
Cummins	V12, All 5.5 Bore	Injector		H1845Q
Cummins	NH and 903 V8 Cylindrical PTB	Injector		H1845Q
Cummins / Case "B"	2.9L, 3.9L, 5.9L	Injector	24 x 1.5	H1845Y
Cummins / Case "C"	8.3L	Injector		H1845DD
Datsun		Injector	24 x 2.0	H1845N
Detroit Diesel	53, 71, 92, 110, 149, V53, V71	Injector		H1845R
Dodge / Cummins	5.9L	Injector	24 x 1.5	H1845Y
Dodge / Cummins	Late model 5.9L ISB & QSB 24 valve	Injector		H1845-3
Flat Allis	8035-02-300, 8035-02-301	Injector		H1845P
Flat Allis	8035-02-302, 8045-02, 8045-03	Injector		H1845P
Ford™	2.0L	Glow Plug	10 x 1.25	H1845M
Ford™ / Escort		Glow Plug	10 x 1.25	H1845M
Ford™ / Lynx		Glow Plug	10 x 1.25	H1845M
Ford™ / Mazda	2.0L	Glow Plug	10 x 1.25	H1845M
Ford™ / Navistar	6.9, 7.3L	Glow Plug	10 x 1.0	H1845D*
Ford™ / Navistar	7.3L Turbo Diesel	Glow Plug	10 x 1.0	H1845KK
Ford™ / Navistar	7.3L Turbo Diesel	Glow Plug	10 x 1.0	H1845-2
Ford™ / Powerstroke	6.0L, 6.4L	Glow Plug	14 x 1.25	H1845-4
Ford™ Ranger	2.2L	Glow Plug	10 x 1.25	H1845M
Ford™ Tempo		Glow Plug	10 x 1.25	H1845M
Ford™ Topaz		Glow Plug	10 x 1.25	H1845M
Ford™ Toyo Kogyo	2.2L	Glow Plug	10 x 1.25	H1845L
Ford™ Tractors	21mm Bosch	Injector		H1845P
Ford™/ Mazda	2.0L	Glow Plug	10 x 1.25	H1845L
General Motors	4.3L V6 & V8, 5.7L V8	Glow Plug	10 x 1.0	H1845D*
General Motors	6.2L & 6.5L V8 True Diesel	Glow Plug	10 x 1.0	H1845J*
GMC Truck	W4, W7, W7HV	Glow Plug	12 x 1.25	H1845H
GMC Truck	6.6L	Glow Plug	10 x 1.25	H1845K
Hino	Medium	Glow Plug	12 x 1.25	H1845H
Int'l Harvester	6.9 L	Glow Plug	10 x 1.0	H1845D*
Int'l Harvester	D/DT361, D/DT429, DV462	Injector		H1845P
Int'l Harvester	DV/DVT550, DT/DV/DVT573	Injector		H1845P
Int'l Harvester	361, 407	Injector		H1845P
Isuzu Chevette	1.8L	Glow Plug	10 x 1.25	H1845K
Isuzu GM	1.8L, 2.2L	Glow Plug	10 x 1.25	H1845K
Isuzu/Luv	2.2L	Glow Plug	10 x 1.25	H1845K
Isuzu Truck	NPR, KS	Glow Plug	12 x 1.25	H1845H
J.I. Case	All Models Except Pencil Type	Injector		H1845P
J.I. Case	188, 207, CID, Pencil Nozzle	Injector		H1845FF

H1845D

H1845F

H1845J

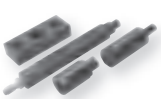
H1845N

H1845V

H1845DD

H1845FF

H1845K


H1845P

H1845W

H1845E

H1845GG

H1845KK

H1845Q

COMPRESSION AND PRESSURE TESTERS

Manufacturer	Engine	Type	Thread (in)	Adaptor
John Deere	Early 300, 400, 500 276	Injector		H1845FF
John Deere	Early 404, 532 CID	Injector		H1845FF
John Deere	404, 466, 531, 619	Injector		H1845P
Kubota	Some models	Glow Plug	10 x 1.25	H1845M
Kubota	Some models	Glow Plug	8 x 1.0	H1845-5
Land Rover		Glow Plug	14 x 1.25	H1845V
Lealand British		Glow Plug	14 x 1.25	H1845V
Lincoln, Mark VII	2.4L 1984 & 1985 cars	Glow Plug	12 x 1.25	H1845H
Mack Truck		Injector		H1845P
Mack Truck	END 405, 457, 475, 510, 519	Injector		H1845P
Mack Truck	605, 672, 673, 674, 711, 864	Injector		H1845P
Mack Truck	END T673, 675, 676, 865, 866	Injector		H1845P
Massey Ferguson		Injector		H1845P
Massey Ferguson	4.203, 4.236, 4.248, 6.354, 8.540	Injector		H1845P
Mercedes	All with 24mm	Injector	24 x 2.0	H1845E*
Mercedes	All with 12mm	Glow Plug	12 x 1.25	H1845H
Mercedes	All with 18mm	Glow Plug	18 x 1.5	H1845F
Mercedes	All with 22mm	Injector	22 x 1.5	H1845HH
Mitsubishi	2 & 3 cylinder engines	Glow Plug	10 x 1.25	H1845M
Mitsubishi-Fuso	Medium	Glow Plug	10 x 1.25	H1845M
Mitsubishi-Fuso	Medium	Injector		H1845P
Navistar	DT360, DT466, 9.0L	Injector		H1845EE
Navistar	312, 360, 414, 436, and 466 C.I.D.	Injector		H1845EE
Navistar	6.9L, 7.3L	Glow Plug	10 x 1.0	H1845D*
Nissan	2.2L	Glow Plug	10 x 1.25	H1845M
Onan	DSL, MDSL	Injector		H1845P
Opel		Injector	22 x 1.5	H1845X
Peugeot	All 2.0 & 2.3L	Glow Plug	12 x 1.25	H1845H
Peugeot		Glow Plug	18 x 1.5	H1845F
Renault		Injector	24 x 2.0	H1845W
Renault		Injector	22 x 1.5	H1845X
Scania	DN11 & DS11	Injector		H1845P
Toyo Kogyo	2.2L	Glow Plug	10 x 1.25	H1845M
Toyota	1.8L	Glow Plug	10 x 1.25	H1845K
Toyota	2.2L	Glow Plug	10 x 1.25	H1845M
UD-Nissan Truck	Medium	Glow Plug	10 x 1.25	H1845M
Volvo	All	Injector	24 x 2.0	H1845E*
Volvo		Glow Plug	12 x 1.25	H1845H
VW	All	Injentor	24 x 2.0	H1845E
VW		Glow Plug	10 x 1.0	H1845Z
VW		Glow Plug	12 x 1.25	H1845H
Waukesha	All	Injector		H1845P
White Farm	66, 77, 88, 99, 166, 177, 188, 199	Injector		H1845P
White Farm	550, 660, 770, 880, 950, 1550	Injector		H1845P
White Farm	1555, 1600, 1650, 1655, 1750	Injector		H1845P
White Farm	1755, 1800, D2000, 2300, 3000	Injector		H1845P
Wisconsin	340, 350, 430, 660, 670, 750	Injector		H1845P
Wisconsin	860, 1000	Injector		H1845P

H1845X

H1845EE

H1845H

H1845L

H1845R

H1845Y

H1845ET

H1845HH

H1845M

H1845S

H1845Z

H1845-2

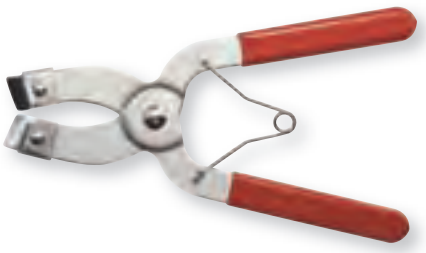
H1845-3

H1845-4

For Applications not Listed Above: H1845S - 1/8" N.P.T. Male Quick Coupler.

This adaptor along with 1- H1845G Valve Core (thread size 12-36) can be used to make your required adaptor for engines not listed above. Remove internal mechanism from an old injector or glow plug from that engine, drill and tap to accept the quick coupler and valve core.

PISTON RING TOOLS



Piston Ring Installer H1723

- Ideal for removing rings easily without damage
- Greatly reduces ring point misalignment which can be detrimental to good piston ring sealing and engine performance
- Insert ring ends in wedge jaws and expand ring gently to slip into groove
- Accomodates piston rings from **3/64" - 1/4"** wide - reduces ring seating failures
- Compression rings should never be spiraled on the piston

Piston Ring Compressor Kit - Ring-O-Matic Series H1670

- Quick change design speeds piston ring installation and increases production
- The Ring-O-Matic pliers and bands are designed to operate in all positions, not just vertically or horizontally
- Pliers incorporates precision locking action for exact holding and quick release

Kit Includes:

- **H1670A** Ring-O-Matic Pliers
- **H1670B** for Pistons **2-7/8" - 3-1/8"**
- **H1670C** for Pistons **3-1/8" - 3-3/8"**
- **H1670D** for Pistons **3-3/8" - 3-5/8"**
- **H1670E** for Pistons **3-5/8" - 3-7/8"**
- **H1670F** for Pistons **3-7/8" - 4-1/8"**
- **H1670G** for Pistons **4-1/8" - 4-3/8"**

Larger bands available:

- **H1670H** for Pistons **4-1/2" - 4-3/4"**
- **H1670I** for Pistons **4-3/4" - 5"**
- **H1670J** for Pistons **5" - 5-1/4"**
- **H1670K** for Pistons **5-1/4" - 5-1/2"**
- **H1670L** for Pistons **5-1/2" - 5-3/4"**
- **H1670M** for Pistons **5-3/4" - 6"**

TUNE-UP TOOLS

Mechanic's Stethoscope H1262

- This sensitive instrument provides a fast and accurate method of locating problem in engines and other moving parts
- Earphones block outside noises
- Plastic handle protects user from shock