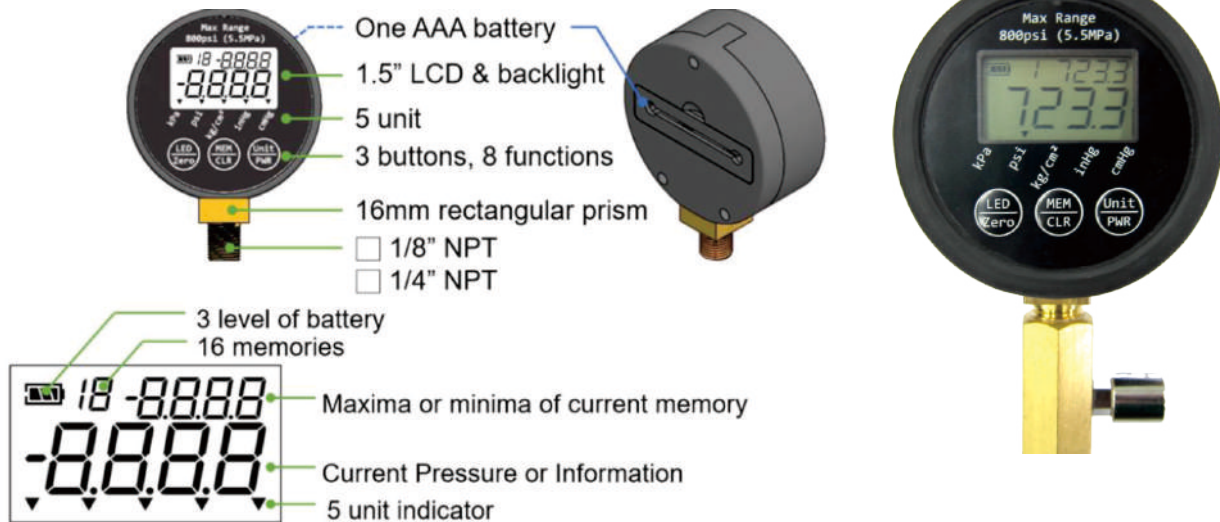


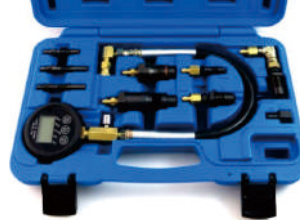
### DIGITAL MANOMETER



#### 789-0070-HG

##### DIGITAL DIESEL COMPRESSION TESTER

•Digital manometer : 0- 800 psi : 0- 5500 kPa. •Application : Ford/Navistar, General Motors ,Audi,Cummins, Mercedes Benz, Volkswagen, Volvo, Bacharach, Allis, Chalmers, Bedford, Case, J.I., Deere, John, Fiat Allis, Ford Tractor, International Harvester, Mack Turk, Onan, Waukesha, BMW, Lincoln Continental, Mark VII, Peugeot, Chevy Luv, Isuzu, Toyota, General Motors, Detroit Diesel, Caterpillar, Case, Waukesha.



#### 789-0270-HG

##### DIGITAL DIESEL CYLINDER PRESSURE DETECTION TESTER

•Digital manometer : 0- 800 psi : 0- 5500 kPa. •Application : ALFA ROMEO, AUDI, BENZ, BMW, CHEVETTE, CHRYSLER, CONTINENTAL, DEUTZ, DEUTZ, FORD, GENERAL MOTORS, HUMMER, INTERNATIONAL, ISUZU/ISUZU TRUCK, KUBOTA, LAND ROVER, LINCOLN, LUV, MARK VII, MAZDA, MERCEDES BENZ, MITSUBISHI, NAVISTAR, NISSAN/UD TRUCK, OPEL, PEUGEOT, RENAULT, ROVER, TOYOTA, VAUXHALL, VOLVO, VW.



#### 789-0025-HG

##### DIGITAL DIESEL COMPRESSION TESTER

•A basic set for Diesel work in the American market. •Tester has a handy deflator for releasing air & retesting. •Digital manometer : 0- 800 psi : 0- 5500 kPa. •Adapters for GM, Isuzu , Lincoln Mark VII and Continental, Ford/Navistar, Audi, Mercedes, Peugeot, Toyota, VW, Volvo- Bacharach conversion adapter also included.



#### 789-0025A-HG

##### DIGITAL DIESEL COMPRESSION TESTER

•A basic set for Diesel work in the American market. •Tester has a handy deflator for releasing air & retesting. •Digital manometer : 0- 800 psi : 0- 5500 kPa. •Adapters for All GM, Isuzu , Lincoln Mark VII and Continental, Ford/Navistar, Audi, Mercedes, Peugeot, Toyota, VW, Volvo- Bacharach conversion adapter also included.



#### 789-0110-HG

##### DIGITAL DIESEL ENGINE COMPRESSION TESTER (CARS)

•Comprehensive test kit for both direct and indirect diesel injected cars. •Simple & easy to use. •For use on both direct or indirect injection engines. •Checks engine compression under cranking conditions. •Small profile, quick coupling adapters for speed & security. •Built-in pressure relief valve enables repeat tests without dismantling. •Digital manometer : 0- 800 psi : 0- 5500 kPa.



#### 789-0110A-HG

##### DIGITAL DIESEL ENGINE COMPRESSION TESTER SET (CARS)

•Comprehensive test kit for both direct and indirect diesel injected cars. •Simple & easy to use. •For use on both direct or indirect injection engines. •Checks engine compression under cranking conditions. •Small profile, quick coupling adapters for speed & security. •Built-in pressure relief valve enables repeat tests without dismantling. •Digital manometer : 0- 800 psi : 0- 5500 kPa.



#### 789-0110D-HG

##### DIGITAL DIESEL ENGINE COMPRESSION TESTER SET (CARS/C.V.S)

•Comprehensive test kit for both direct and indirect diesel injected cars. •For commercials, marine & industrial engines. •Checks engine compression when cranking. •Small profile, quick release coupling system. •Built-in pressure release enables complete tests with out dismantling. •Digital manometer : 0- 800 psi : 0- 5500 kPa.



#### 789-0115-HG

##### DIGITAL DIESEL ENGINE COMPRESSION TESTER SET (C.V.S)

•Comprehensive kit for checking compression on both direct and indirect diesel injected commercial, marine and industrial engines. •For commercials, marine & industrial engines. •Checks engine compression when cranking. •For use on direct or indirect fuel injection engines. •Built-in pressure release enables complete tests with out dismantling. •Small profile, quick release coupling system. •Digital manometer : 0- 800 psi : 0- 5500 kPa.



#### 789-0190-HG

##### DIGITAL DIESEL ENGINE COMPRESSION TESTER

•Comprehensive test kit for both direct and indirect diesel injected cars. •Simple & easy to use, quick coupling adapters for speed & security. •For use on both direct or indirect injection engines. •Checks engine compression under cranking conditions. •Built-in pressure relief valve enables repeat tests without dismantling. •Digital manometer : 0- 800 psi : 0- 5500 kPa. •Glow plug Adaptor: Wide range of Alfa, BMW, Chrysler, Fiat, Ford, Hyundai, Isuzu, Land Rover, Mazda, Mercedes, Mitsubishi, Nissan, Opel, Renault, Suzuki, Toyota, Volvo diesel engines.



#### 789-0220-HG

##### DIGITAL DIESEL ENGINE COMPRESSION TESTER

•Comprehensive test kit for both direct and indirect diesel injected cars. •Simple & easy to use. •For use on both direct or indirect injection engines. •Checks engine compression under cranking conditions. •Small profile, quick coupling adapters for speed & security. •Built-in pressure relief valve enables repeat tests without dismantling. •Digital manometer : 0- 800 psi : 0- 5500 kPa.



# Automotive Special Service Tools

## TEST EQUIPMENT



### 789-0145A-HG

#### DIGITAL DIESEL ENGINE COMPRESSION TESTER

•As this kit but with the addition of it Clamp-on Injector Adaptor Set. •Digital manometer : 0- 800 psi : 0- 5500 kPa. •An extensive range of glow plug and injector adaptors enable this kit to cover the vast majority of car, van, truck and bus, agricultural and marine diesel engines. •Glow plug Adaptor: Wide range of Alfa , BMW , Chrysler ,Daewoo , Fiat , Ford , Hyundai , Isuzu , LandRover , LDV , Mazda , Mercedes , Mitsubishi , Nissan , Opel , PSA , Renault , Saab ,Suzuki , Toyota , VAG , Vauxhall , Volvo diesel engines •Injector: M20 , M22 , M24 & Ford Stanadyne injector plus clamp-on injector



### 789-0145I-HG

#### DIGITAL PETROL & DIESEL ENGINE COMPRESSION TESTER

•Digital manometer : 0- 800 psi : 0- 5500 kPa. •An extensive range of glow plug and injector adaptors enable this kit to cover the vast majority of car, van, truck and bus, agricultural and marine diesel engines. •Glow plug Adaptor: Wide range of Alfa , BMW , Chrysler ,Daewoo , Fiat , Ford , Hyundai , Isuzu , LandRover , LDV , Mazda , Mercedes , Mitsubishi , Nissan , Opel , PSA , Renault , Saab ,Suzuki , Toyota , VAG , Vauxhall , Volvo diesel engines • Spark plug size : 10 , 12 , 14 , 18mm • Injector: M20 , M22 , M24 & Ford Stanadyne injector plus clamp-on injector



### 789-0275B-HG

#### DIGITAL PETROL & DIESEL ENGINE COMPRESSION TESTER

•This petrol & diesel engine compression test kits that cover the wide range of modern engines, including Hdi, TDCi and pump duse. •Digital manometer : 0- 800 psi : 0- 5500 kPa. •Glow Plug Adaptors: Wide range of Alfa , BMW , Chrysler ,Daewoo , Fiat , Ford , Hyundai , Isuzu , Land Rover , LDV , Mazda , Mercedes , Mitsubishi , Nissan , Opel , PSA , Renault , Saab , Suzuki ,Toyota , VAG , Vauxhall , Volvo diesel engines. • Spark plug size : 10 , 12 , 14 , 18mm.



### 789-0275-HG

#### DIGITAL PETROL & DIESEL ENGINE COMPRESSION AND LEAKAGE TESTER

•This petrol & diesel engine compression and cylinder leakage test kits that cover the wide range of modern engines, including Hdi, TDCi and pump duse. •Digital manometer : 0- 800 psi : 0- 5500 kPa. •An extensive range of glow plug and injector adaptors enable this kit to cover the vast majority of car, van, truck, and bus, agricultural and marine diesel engines. •Additional pressure gauge for references on incoming pressure during the operation (0-7 Bar). •Glow Plug Adaptors: Wide range of Alfa , BMW , Chrysler ,Daewoo , Fiat , Ford , Hyundai , Isuzu , Land Rover , LDV , Mazda , Mercedes , Mitsubishi , Nissan , Opel , PSA , Renault , Saab , Suzuki ,Toyota , VAG , Vauxhall , Volvo diesel engines. •Spark plug size : 10 , 12 , 14 , 18mm. •Injector: M20 , M22 , M24 & Ford Stanadyne injector plus clamp-on injector.



### 789-0275A-HG

#### DIGITAL PETROL & DIESEL ENGINE COMPRESSION TESTER

•This petrol & diesel engine compression test kits that cover the wide range of modern engines, including Hdi, TDCi and pump duse. •Digital manometer : 0- 800 psi : 0- 5500 kPa. •An extensive range of glow plug and injector adaptors enable this kit to cover the vast majority of car, van, truck, and bus, agricultural and marine diesel engines. •Glow Plug Adaptors: Wide range of Alfa , BMW , Chrysler ,Daewoo , Fiat , Ford , Hyundai , Isuzu , Land Rover , LDV , Mazda , Mercedes , Mitsubishi , Nissan , Opel , PSA , Renault , Saab , Suzuki ,Toyota , VAG , Vauxhall , Volvo diesel engines. • Spark plug size : 10 , 12 , 14 , 18mm. •Injector: M20 , M22 , M24 & Ford Stanadyne injector plus clamp-on injector.



### 789-0145J-HG

#### DIGITAL PETROL & DIESEL ENGINE COMPRESSION AND LEAKAGE TESTER

•This petrol & diesel engine compression and cylinder leakage test kits that cover the wide range of modern engines, including Hdi, TDCi and Pompe Duse. •Digital manometer : 0- 800 psi : 0- 5500 kPa. •An extensive range of glow plug and injector adaptors enable this kit to cover the vast majority of car, van, truck, and bus, agricultural and marine diesel engines. •Additional pressure gauge for references on incoming pressure during the operation (0-7bar). •Glow Plug Adaptors: Wide range of Alfa , BMW , Chrysler ,Daewoo , Fiat , Ford , Hyundai , Isuzu , Land Rover , LDV , Mazda , Mercedes , Mitsubishi , Nissan , Opel , PSA , Renault , Saab , Suzuki ,Toyota , VAG , Vauxhall , Volvo diesel engines. •Spark plug size : 10 , 12 , 14 , 18mm. •Injector: M20 , M22 , M24 & Ford Stanadyne injector plus clamp-on injector.



### 01A987355-HG

#### DIGITAL PETROL & DIESEL ENGINE COMPRESSION AND LEAKAGE TESTER

•This petrol & diesel engine compression and cylinder leakage test kits that cover the wide range of modern engines, including Hdi, TDCi and Pompe Duse. •Digital manometer : 0- 800 psi : 0- 5500 kPa. •An extensive range of glow plug and injector adaptors enable this kit to cover the vast majority of car, van, truck, and bus, agricultural and marine diesel engines. •Additional pressure gauge for references on incoming pressure during the operation (0-7bar). •Glow Plug Adaptors: Wide range of Alfa , BMW , Chrysler ,Daewoo , Fiat , Ford , Hyundai , Isuzu , Land Rover , LDV , Mazda , Mercedes , Mitsubishi , Nissan , Opel , PSA , Renault , Saab , Suzuki ,Toyota , VAG , Vauxhall , Volvo diesel engines. •Spark plug size : 10 , 12 , 14 , 18mm. •Injector: M20 , M22 , M24 & Ford Stanadyne injector plus clamp-on injector.



### 01A987355A-HG

#### DIGITAL PETROL & DIESEL ENGINE COMPRESSION TESTER

•This petrol & diesel engine compression test kits that cover the wide range of modern engines, including Hdi, TDCi and pump duse. •Digital manometer: 0- 800 psi : 0- 5500 kPa. •An extensive range of glow plug and injector adaptors enable this kit to cover the vast majority of car, van, truck, and bus, agricultural and marine diesel engines. •Glow plug Adaptor: Wide range of Alfa , BMW , Chrysler , Daewoo , Fiat , Ford , Hyundai , Isuzu , Land Rover , LDV , Mazda , Mercedes , Mitsubishi , Nissan , Opel , PSA , Renault , Saab , Suzuki , Toyota , VAG , Vauxhall , Volvo diesel engines • Spark plug size : 10 , 12 , 14 , 18mm •Injector: M20 , M22 , M24 & Ford Stanadyne injector plus clamp-on injector



### 01A987355B-HG

#### DIGITAL DIESEL ENGINE COMPRESSION TESTER

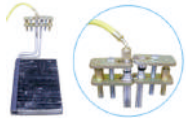
•Digital manometer : 0- 800 psi : 0- 5500 kPa. •An extensive range of glow plug and injector adaptors enable this kit to cover the vast majority of car, van, truck, and bus, agricultural and marine diesel engines. •Glow plug Adaptor: Wide range of Alfa , BMW , Chrysler , Daewoo , Fiat , Ford , Hyundai , Isuzu , Land Rover , LDV , Mazda , Mercedes , Mitsubishi , Nissan , Opel , PSA , Renault , Saab , Suzuki , Toyota , VAG , Vauxhall , Volvo diesel engines •Injector: M20 , M22 , M24 & Ford Stanadyne injector plus clamp-on injector



### 050705009 AIR CONDITION SYSTEM LEAKAGE TEST KIT SET

•Suitable for condenser leakage test, evaporator leakage test, refrigerant hose leakage test and air condition compressor leakage test.

•Adaptor for diameter of fitting and hose to 1/4", 5/16", 3/8", 1/2", 5/8", 7/8".



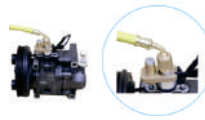
For evaporator coil



For A/C Hose



For evaporator coil



For compressor



### 01A84906A ANTIFREEZE TESTER (FOR ETHYLENE GLYCOL)

- Antifreeze Tester test at hot & cold temperatures.
- Six floating discs for accurate reading.
- Indicator range from -7 to -37 degrees Celsius / from +25 to -34 degrees Fahrenheit.
- Pure antifreeze will freeze at -12°C /10.4°F.
- It permits to determine, with good approximation, the freezing point of the anti-freeze/coolant in the radiator and to reset the required protection level.



### 01A84906 ADBLUE / DEF TESTER (DIESEL EXHAUST FLUID)

- DEF Tester available on most diesel vehicles.
- Testing the urea solution concentration/content in DEF / AdBlue tanks.
- Testing at hot or cold temperatures.
- Easy to use and read. (Three floating discs for accurate reading)
- An aqueous urea solution made with 32.5% urea and 67.5% deionized water. File Download Inquiry



### 031166504 COOLANT ANTIFREEZE VACUUM FILL TOOL

- Use vacuum suction to exchange coolant and shorten the replacement time.
- Without starting the engine to exhaust bubble.
- Capable of binding with all extractors, possible to operate by manual or pneumatic.



### 02T919WA HEAVY DUTY COOLING SYSTEM TEST KIT-FOR TRUCKS

- For cars and light/large trucks.
- Use shop air to maintain constant system pressure.
- Quick disconnect hook-up design minimizes set-up time.
- The kit includes heavy duty adapters, a pressure test regulator, a vacuum refill attachment with tubing, all in a durable storage case.

ADAPTER	CARS AND LIGHT TRUCKS	LARGE TRUCKS
Green	N/A	Typically used with Volvo large trucks 4 , 8mm x 3mm.
Orange	Typically used with many 1999 to current domestic vehicles (GM) and some Mercedes, Jaguar, and Ford.	Typically used with freightliner, GM, International, kenworth, and peterbuilt.
Red	N/A	Typically used with Freightliner 60mm x 3mm.
Blue	N/A	Typically used with Volvo trucks 63mm x 3mm
Yellow	N/A	Typically used with B size truck adapters.





# Automotive Special Service Tools

## TEST EQUIPMENT

### 01A07620 INJECTOR TESTER POWER SOURCE: 12V VEHICLE BATTERY

- The tester generating four different output signal pulses for user to check the condition of the injector.
- Can check if the injector is clogged, leaking, or blasting.
- Operation environment: 0~40°C (32~104°F); < 80%RH
- Storage Environment: -10~50°C (14~122°F); < 85%RH



### 01A07630 TOWING SOCKET TESTER

- The tester is to connect with the 12V 13-pin Euro-type socket.
- It can also connect with 7 pin socket through a 13-7 pin towing adaptor.
- It works for MOT testing of class 4, 5, and 7.
- The cable is long enough for user to do the test while sitting in the vehicle.
- The tester can also do self-test (not work for 7 pin socket), 12V power check, ignition, reversing light.



### 01A07640 GLOW PLUG TESTER

- To help diagnosing the condition of glow plug without removing it from the engine.
- Working for 12V system, tester can be energized by 12V vehicle battery directly.
- The 6 LEDs will indicate the condition of the glow plug and the vehicle battery.



### 01A07650 LAMDA TESTER AND SIMULATOR

Automotive oxygen sensor simulator



### 01A06513D BOILING POINT BRAKE FLUID TESTER WITH PRINTING FUNCTION

- Testing button (Press and hold this button for testing)
- Press Instantly: Unit switch °C / °F
- Read Five Resent saved Brake Fluid Boiling Temperature
- Accessory: One Brake fluid sucker and one Measuring cup



### 01A1957A VEHICLE BATTERY TESTER

This is a helpful tester for 12V vehicle battery. User is able to check the battery power level and the charging condition with various circumstances. It is also able to monitor the alternator condition by very easy procedure.

Voltage Range: DC 6 ~ 16V  
Reverse Polarity Protection: Yes  
Short Circuit Protection: Yes  
Over-Voltage Protection: Yes (Forward DC Voltage <30V for < 10 seconds)  
Working Temperature: 0~50°C (32~122°F) @ <80%RH  
Storage Temperature: -20~60°C (-4~140°F) @ <85%RH

Indicator	CONDITION
Alternator Overcharging (RED)	Strong Output
Alternator O.K. (GREEN)	Normal Output
≥75% (GREEN)	Good
≥25% (GREEN)	Fair
<25% (RED)	Poor
Battery Power (GREEN)	Battery Connected



### 01A05227 VOLTAGE TESTER & WIRE STRIPPER

- CAT Category: CAT IV 1000V Wire Stripper
- Non Contact Voltage Detection
- Sound and Light Indication
- Illumination
- Screwdriver
- Magnet Function



### 01A07122 VOLTAGE TESTER WITH WIRESTRIPPER

Can measure AC voltage 10V to 1000V, and DC voltage 7V to 1000V with polarity indication.

- Voltage measurement and polarity indication.
- 3 phase voltage rotation indication.
- Temperature measurement.
- RCD test / Continuity / Wire cutting and Stripping.
- Illumination / LCD display / Auto shut down / Low power indication.



### 01A07122A VOLTAGE TESTER WITH WIRE STRIPPER

Can measure AC voltage 10V to 1000V, and DC voltage 7V to 1000V with polarity indication.

- Voltage measurement and polarity indication.
- 3 phase voltage rotation indication.
- RCD test / Continuity / Wire cutting and Stripping.
- Illumination / LCD display / Auto shut down / Low power indication.



### 01A06521 MULTI FUNCTION AUTOMOBILE TESTER

Power source 12-24V DC system



### 01A06522 MULTI FUNCTION AUTOMOBILE TESTER

Power source 12-24V DC system

Measured Temperature Range:-50~500°C / -58~-932°F



## BATTERY MONITOR & ANALYZER

### 082-1200- series description

Simply connect to the battery whenever you want to check.



082-1200A



082-1200B



082-1200C



082-1200D



082-1200S

Type	Functions				
	Battery Health Test	Starter/ Cranking Test	Alternator/ Charging Test	Journey & Battery Monitor LIVE	Low Voltage Warning & Push Notification
A	○	×	×	×	×
C	○	○	○	×	×
B	○	×	×	×	×
D	○	○	○	○	○
S	×	○	○	○	○