

mityvac®

New Mityvac Silverline lite Automotive Test Kit

Designed with proven features from the renowned Mityvac pumps, the MV8500 Silverline Elite Automotive Kit delivers both vacuum and pressure.

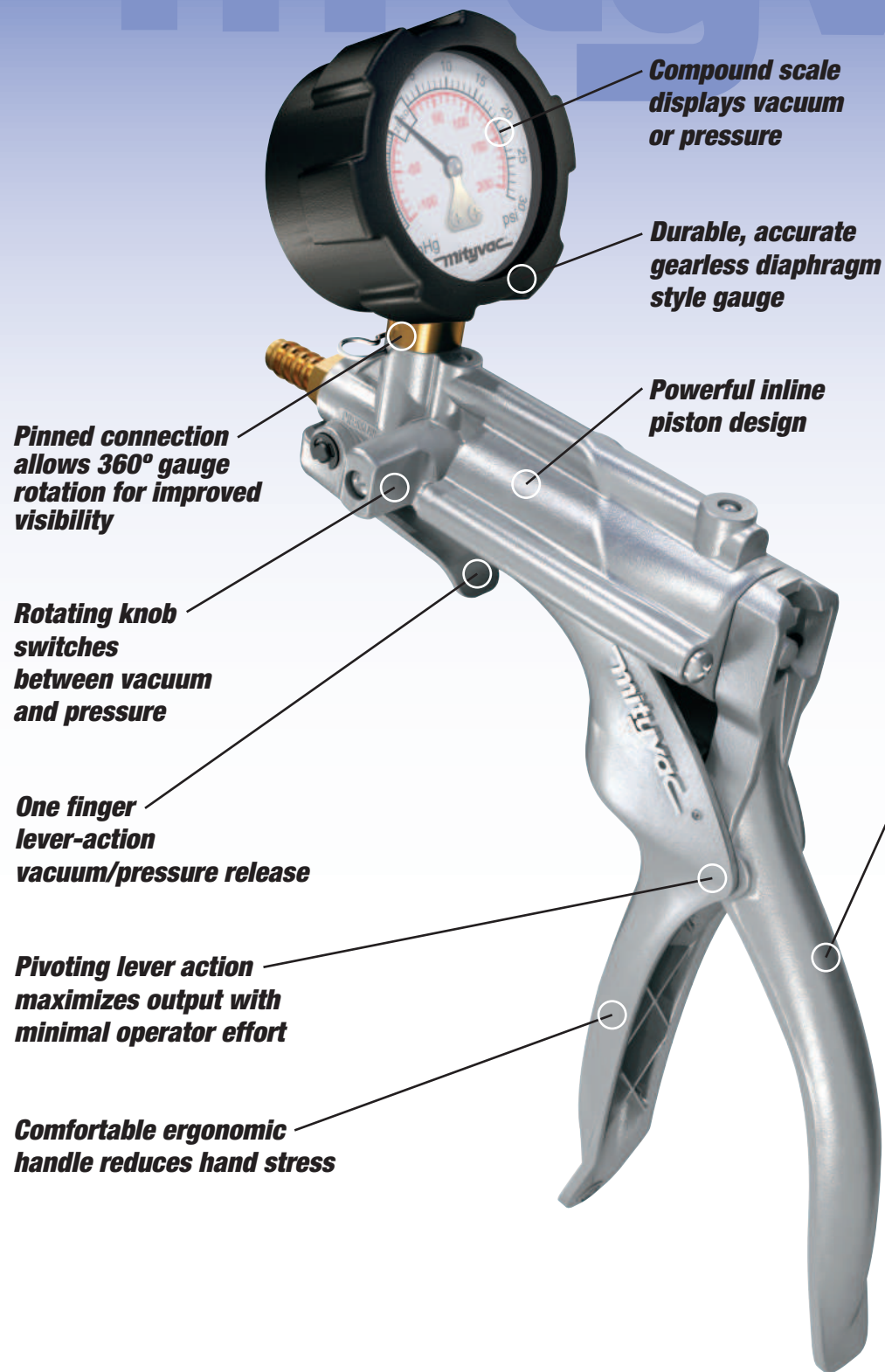
The dual capability of the new Mityvac hand pump combines two pumps into one. It will streamline your tool inventory while greatly extending its vehicle service applications.

Features/Benefits

- Provides either vacuum or pressure with equal precision and convenience
- Features modern, ergonomic design for comfortable, long-term use
- Performs engine performance diagnostics, brake bleeding, fluid transfer, evacuation, sampling, windshield repair and more
- Includes components needed to perform numerous diagnostic and mechanical tests
- Field serviceable — standard maintenance kits and replacement parts are available



Model MV8500 Silverline® Elite Automotive Test Kit



Compound scale displays vacuum or pressure

Durable, accurate gearless diaphragm style gauge

Powerful inline piston design

Pinned connection allows 360° gauge rotation for improved visibility

Rotating knob switches between vacuum and pressure

One finger lever-action vacuum/pressure release

Pivoting lever action maximizes output with minimal operator effort

Comfortable ergonomic handle reduces hand stress

The new Mityvac Silverline Elite hand pump combines 35 years of automotive diagnostic experience with advanced performance and comfort to meet the requirements of the latest automotive technologies. Featured in the new MV8500* Silverline Elite Automotive Test Kit, the pump produces vacuum along with pressure at twice its previous output to expand its vehicle service applications.

Durable die cast metal construction

Common Applications

- **Emission control systems (EGR, RCV, BPV) testing**
- **Turbocharger wastegate testing**
- **Vacuum and pressure brake and hydraulic clutch bleeding**
- **Ignition system diagnostics**
- **Fluid transfer/evacuation**
- **Cooling system pressure testing**
- **Automatic transmission service**

***Pump may be purchased separately as Model MV8510**

Mityvac Power Steering Air Bleed Adapters

Automotive power steering systems have a tendency to trap air in components and lines, causing erratic steering, pump noise and potential damage to critical parts. Mityvac MVA660, MVA661 and MVA662 power steering adapters can help eliminate trapped air following repairs or fluid changes. The adapters are available individually or can be purchased as a set in the MVA670 kit.

When installed, the adapters form an airtight seal in the neck of a vehicle's power steering pump. These adapters are designed to connect to Mityvac MV8000 or MV8500 hand vacuum pumps to exert a vacuum on the fluid surface in the reservoir. As trapped air works its way out of the system, the vacuum prevents foam from forming at the surface and air from reentering the system.



Model MVA660

- Rubber, cone-shaped design that seals pump necks ranging from 5/8 up to 1 5/8 in. (16 up to 41 mm) internal diameter

Model MVA661

- Designed for sealing GM power steering pumps with a two-tab cap design

Model MVA662

- Seals Ford power steering pump necks having an internal diameter of 1 1/4 or 2 in. (32 or 50 mm)

Model MVA670 Kit

- Contains MVA660, MVA661 and MVA662

Featuring a robust design and construction, all three adapters include an inline, barbed connection for a 1/4 in. internal diameter hose. A 90-degree barbed connector, **MVA665**, is available separately and can be interchanged with the inline connector on MVA661 and MVA662 for applications with limited overhead.



Model MVA662
Ford Adapter



Model MVA661
GM Adapter



Model MVA660
Universal Adapter

Optional Accessory



Model MVA665
90-degree
Adapter

Mityvac Locking Hose Clamps



Designed for accessing and pinching off flexible hoses during automotive diagnostics or repairs, Mityvac locking hose clamps are ideal when servicing cooling, braking, power steering, transmission and vacuum systems.



Two sizes of clamps are available:

- **Model MVA7607**
8 in. clamp for hoses up to 1¼ in. (32 mm) diameter
- **Model MVA7605**
6 in. clamp for hoses with diameters up to 1 in. (25 mm)
- **Model MVA7609**
Set including both MVA7607 and MVA7605

Both clamps feature a comfortable, rounded, non-slip handle and angled jaws, as well as a unique, self-locking design. The lock functions automatically by holding any partially closed position and quickly releases by depressing the convenient release lever.

Mityvac Fluid Extractor

Mityvac's MVA6851 Fluid Extractor uses a simple syringe action to quickly and cleanly extract or dispense fluids into or out of small reservoirs.

With a fluid capacity up to 7 ounces (200 cc), it is ideal for removing used fluids from master cylinders, transaxles and power steering or coolant reservoirs prior to bleeding, fluid changes or repairs.

Lightweight and easy to clean, the extractor features a 7½ in. (190 mm) flexible tube for accessing reservoirs and includes a non-drip cap.



Fluid Management and Automotive Service Equipment

Model MV7201 Fluid Evacuator/ Dispenser

- Evacuates or dispenses at the push of a button
- Convenient manual pump operation
- Integrated 2.3 gal. (8.8 liter) capacity reservoir
- Large base with foot stabilizer



Model MV7300 Pneumatic Fluid Evacuator

- Operates on compressed air
- Integrated 2.3 gal. (8.8 liter) capacity reservoir
- Independent air shut-off valve
- Quiet, muffled exhaust



Model MV7400 Fluid Evacuator

- Convenient manual pump operation
- Integrated 1.9 gal. (7.3 liter) capacity reservoir
- Automatic overflow prevention
- Quick-drain pour spout



	MV7201	MV7300	MV7400
Application	Quickly evacuate fluid from tanks and reservoirs		
Markets Served	Automotive, Agricultural, Industrial, Fleet, DIY, Small engine, Marine		
Capacity	2.3 gal. (8.8 liter)	2.3 gal. (8.8 liter)	1.9 gal. (7.3 liter)
Evacuate	Yes	Yes	Yes
Dispense	Yes	No	No
Operation Air/Manual	Manual	Air	Manual
Brake Bleeding	Yes (with MVA7205)	Yes (brake bleed hose included)	Yes (with MVA7205)

Model MV8500 Elite Automotive Test Kit

- Provides either vacuum or pressure with equal precision and convenience
- Features modern, ergonomic design for comfortable, long-term use
- Performs engine performance diagnostics, brake bleeding, fluid transfer, evacuation, sampling, windshield repair and more



Model MV8000 Automotive Tune-up and Brake Bleeding Kit

- Performs engine performance diagnostics, brake bleeding, fluid transfer, evacuation, sampling, windshield repair and more
- One-finger lever vacuum release for ease of use
- Durable, accurate gearless diaphragm style vacuum gauge with pinned connection for 360 degree rotation



Model MVA670 Power Steering Adapter Kit

- Kit contains MVA660 (Universal), MVA661 (GM) and MVA662 (Ford) adapters
- Aids in the removal of trapped air from power steering systems
- Designed to fit snugly and form an air-tight seal when vacuum is applied
- Designed to function with hand pump models MV8000 and MV8500



Model MV6830 Vacuum Brake Bleeder

- Compressed air operation
- Integrated 1.9 qt. (1.8 liter) capacity fluid collection reservoir
- Variable control thumb throttle
- Swivel air inlet with quick-disconnect



Model MV6870 Vacuum Brake Bleeder

- Compact 1.3 qt. (1.2 liter) capacity reservoir
- Comfortable lever-action throttle with lock-on latch
- Durable, molded composite handle can take heavy abuse and has minimum number of parts to wear or break
- Automatic shutoff prevents overfill



Model MV6400 1.2 gal. Fluid Dispensing System

- Large 1.2 gal. (5 liter) fluid capacity
- Fluid is dispensed under pressure for smooth continual flow
- Internal pump components are sealed against exposure to fluids
- Utilizes push-to-connect, quick-change style accessory connections
- Integrated safety and manual pressure relief valve



Model MV6410 1.2 gal. ATF Refill System

Model MV6412 2.5 gal. ATF Refill System

- Large 1.2 or 2.5 gal. (5 or 10 liter) fluid capacity
- Fluid is dispensed under pressure for smooth continual flow
- Internal pump components are sealed against exposure to fluids
- Includes ten (10) adapters (MVA5800) to connect to various transmissions



Model MV6840 Pressure Brake/Clutch Bleeder

- Large 1.2 gal. (5 liter) fluid capacity
- Fluid is dispensed under pressure for smooth continual flow
- Internal pump components are sealed against exposure to fluids
- Includes seven (7) master cylinder adapters (MVA6850) to connect to most American, Asian and European manufactured cars and light trucks



MVA5800 ATF REFILL ADAPTERS

Part no.	Description	Thread	Application(s)
MVA580	Ford ATF Refill Adapter	1/8 in. NPT	Ford
MVA581	Toyota ATF Refill Adapter	18 x 1.5	Toyota
MVA582	Angled ATF Refill Adapter		BMW, Honda, Nissan
MVA583	VW ATF Refill Adapter, Short		Volkswagen
MVA584	VW ATF Refill Adapter, Long		Volkswagen
MVA585	VW ATF Refill Adapter	10 x 1.0	Volkswagen
MVA586	VW/Audi ATF Refill Adapter	24 x 1.5	VW, Audi with DSG Transmission
MVA587	Audi ATF Refill Adapter	22 x 1.5	Audi with CVT Transmission
MVA588	Mercedes ATF Refill Adapter	12 x 1.5	Mercedes with 722.9 Transmission
MVA589	Volvo ATF Refill Adapter	5/16 in.-24 UNF	Volvo
MVA7210	ATF Refill Hose	NA	NA
MVA7212	ATF Refill Hose with Ford Adapter	1/8 in. NPT	Ford
MVA7214	ATF Refill Hose with Toyota Adapter	NA	Toyota

MVA6850 PRESSURE BLEED ADAPTERS

Part no.	Type	Application(s)
MVA800*	Locking collar	Toyota, Lexus
MVA801*	3-tab camlock	Chrysler, Dodge, Jeep, Plymouth
MVA802*	3-tab camlock	Chrysler, Dodge, Jeep, Plymouth
MVA803*	3-tab camlock	Most late model GM cars (Buick, Cadillac, Chevrolet, GMC, Hummer, Oldsmobile, Pontiac), some Mazda
MVA804*	45 mm thread	Most European cars (Alfa Romeo, Audi, BMW, Jaguar, Land Rover, Mercedes, Peugeot, Porsche, Renault, Saab, VW, Volvo), Chrysler Crossfire, Daewoo, late model Ford, Kia, some Mazda and Mini Cooper
MVA805	2-tab camlock	Early model Fords with 2-tab master cylinders
MVA806*	3-tab camlock	Some late model GM cars not covered by MVA803. Similar to MVA803, but with slightly different master cylinder neck
MVA808*	3-tab camlock	All Hyundai, Mitsubishi, Nissan and Subaru, some Chrysler/Dodge, some Ford/Lincoln
MVA809	Universal round cone secured with chain	Master cylinders with small round necks from 1 1/4 x 2 1/8 in. (32 to 54 mm) internal diameter
MVA810*	Universal round cone secured with chain	All Acura, Honda, Isuzu and Suzuki, some Mitsubishi. Master cylinders with large round necks from 1 3/4 to 3 5/16 in. (50 to 80 mm) internal diameter
MVA811	Face seal secured with dual chains	Rectangular shaped master cylinders ranging in size up to 3 1/2 x 6 in. (90 x 150 mm)
MVA812	Face seal secured	Rectangular shaped master cylinders ranging in size from 3 1/2 x 6 in. (90 x 150 mm) to 4 1/4 x 7 3/4 in. (108 x 200 mm)

* Included in MV6840

Model MV4508 Universal Cooling System Adapter

- Replaces more than 20 individual cooling system pressure test adapters for cars, vans, light- and heavy-duty trucks
- Patent-pending cam mechanism helps to ensure an air-tight seal with radiator and coolant bottle necks
- Compact one-piece design fits conveniently in tool box



Model MV4533 Cooling System AirEvac Kit

- Uses shop-air to quickly evacuate air from empty cooling system for vacuum leak testing
- Quickly refills cooling system without trapping air that can cause overheating
- Universal cooling system adapter replaces more than 20 individual adapters for cars, vans, light- and heavy-duty trucks
- Components connect using self-locking quick-disconnects for easy and time saving assembly and breakdown



Model MV4534 Cooling System Pressure Kit

- High-volume hand-operated pump builds pressure quickly to locate leaks
- Universal cooling system adapter replaces more than 20 individual adapters for cars, vans, light- and heavy-duty trucks
- Patent-pending adapter cam mechanism helps to ensure an air-tight seal with radiator and coolant bottle necks



Model MV4570 Cooling System Flusher

Model MV7270 Spray Washer & Cooling System Flusher

- Stepped-up flushing nozzle fits 3/4 to 2 in. diameter hoses
- Variable-control water valve – from off to full water flow
- Lever-action air throttle with lock-on latch
- 3/4 in. swivel inlet connects to standard garden hose
- 1/4 in. air inlet with air nipple connects to shop air
- MV7270 includes additional washer nozzle for multi-surface cleaning



MV4570

MV7270

Model MV4530 Cooling System Pressure Test Kit

- Hand-operated pump builds pressure quickly to locate leaks in automotive cooling systems
- Includes four adapters for connecting to the most common radiator and coolant bottle necks found on US Domestic, Asian automobiles
- Additional adapters available for most all makes and models of cars and light trucks



Model MV4560 Cooling System Pressure Kit

- Economical, accurate and simple method to find common causes of overheating
- Diagnoses internal leaks caused by a blown head gasket or damaged block or head
- Test radiator and coolant bottle caps to ensure they are maintaining the correct pressure



Model MV5530 Compression Test Kit

- Kit includes everything required to perform dry and wet engine cylinder compression tests
- Seven professional grade threaded adapters for leak-proof seals



- Extended hoses for hard-to-reach applications
- Large, easy-to-read 2 3/4 in. diameter gauge

Model MV5532 Digital Compression Test Kit

- Stores maximum compression value for up to 12 cylinders
- Backlit LC display is easy to read from any angle and in any light
- Automatically shuts off after 3 minutes of non-use (memory is retained)
- Displays values in PSI, Bar and kPa



Model MV5535 Digital Diesel Compression Test Kit

- Stores maximum compression value for up to 12 cylinders
- Backlit LC display is easy to read from any angle and in any light
- Automatically shuts off after three minutes of non-use (memory is retained)
- Sealed, grease- and oil-resistant gauge face prevents contamination of electronics
- Displays values in PSI, Bar and kPa



Model MV5567 Fuel Injection Cleaner

- Removes and prevents fuel injector deposits; loosens and dissolves carbon on intake manifold and valves
- Functions on most domestic and import cars with high or low pressure fuel systems
- High quality pressure gauge and adjustable regulator combination ensures proper delivery of cleaning solution



- Includes 16 adapters in custom-molded case for connecting to most fuel injected vehicles

Model MV5545 Fuel System Test Kit

- Measures fuel system pressure and flow to accurately pinpoint fuel system failures
- Saves hours of troubleshooting time by diagnosing a bad fuel pump and other related drivability problems in seconds
- Tests both fuel pressure and volume at the same time allowing tech to simulate a wide open throttle and under load conditions without the vehicle leaving the shop
- Capable of testing both return and returnless fuel systems including electronic control



Model MVA6851 7 oz. Fluid Extractor/Dispenser

- Uses simple syringe action to quickly and cleanly extract or dispense fluids into or out of small reservoirs
- Suitable for removing used fluids from master cylinders, transaxles and power steering or coolant reservoirs prior to bleeding, fluid changes or repairs
- Lightweight and easy to clean, MVA6851 features a 7½ in. (190 mm) flexible tube for accessing reservoirs and includes a non-drip cap



Model MVA6852 1.5 liter Fluid Extractor/Dispenser

- Uses simple syringe action to quickly and cleanly extract or dispense fluids into or out of small reservoirs
- Suitable for removing used fluids from master cylinders, transaxles and power steering or coolant reservoirs prior to bleeding, fluid changes or repairs
- Lightweight and easy to clean, MVA6852 has a 16 in. (406 mm) flexible tube and includes MVA7218 ATF adapter connector



Model MVA7605 Locking Hose Clamp, 6 in. Model MVA7607 Locking Hose Clamp, 8 in. Model MVA7609 Locking Hose Clamps Set (includes MVA7605 and MVA7607)

- Designed for accessing and pinching off flexible hoses during automotive diagnostics or repairs
- Feature a rounded, nonslip handle, angled jaws and self-locking design



Model MV5910 Foam Mat

- Large 12 x 20 in. (305 mm x 510 mm) cushioned kneeling pad; 1 in. (25 mm) thick
- Flame retardant and non-absorbent, making it ideal for work around the shop or home
- Also works great as a stadium or boat seat cushion

