

mityvac®

Mityvac Fluid Dispensing Equipment

The Mityvac MV6400 series conveniently dispenses fluids for a wide range of automotive service applications.

Each kit combines our popular Fluid Dispenser with a custom assortment of performance enhancing accessories and adapters designed for refilling or topping-off small reservoirs, transmissions, or differentials, or for pressure bleeding hydraulic brake and clutch systems.



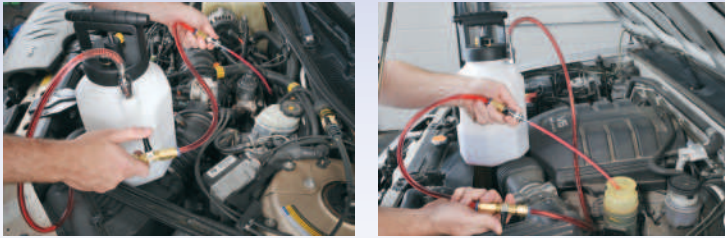
Ideal for dispensing:

- **Automatic Transmission Fluid**
- **Power Steering Fluid**
- **Brake Fluid**
- **Coolant**
- **Engine Oil**
- **Gear Oil**
- **Washer Fluid**

Mityvac Fluid Dispensing Equipment

MV6400 Fluid Dispensing System

The MV6400 is designed for topping-off fluid reservoirs including master cylinders, gear boxes, transmissions, power steering reservoirs, etc. Its convenient size and 5' long hose with dispensing wand and flow control valve make it ideal for accessing hard to reach reservoirs and fill plugs. For transmission refill and pressure bleeding applications, the MV6400 is compatible with a wide selection of Mityvac ATF and pressure bleed adapters.



Adapters available to service a wide range of makes and models.



MV6410 ATF Refill System

The MV6410 combines the new Fluid Dispenser with our popular ATF refill adapter kit to provide a complete system for servicing today's sealed automatic transmissions. The Dispenser allows the operator fill or top-off transmissions with up to 1-gallon of fluid between refills, while the pressurized operation frees the operator from continual pumping. Refer to the back of this flyer for a complete list of included adapters and their applications.

MV6840 Pressure Bleed System

The MV6840 is a professional hydraulic brake and clutch bleeding system that includes the Fluid Dispenser and seven (7) master cylinder adapters. It forces new brake fluid down through the master cylinder, while air and old fluid are expelled through the bleed screw(s). A pressure gauge on the Dispenser allows control of the system pressure, and the pressurized reservoir allows the operator hands-free movement to the bleed screws. Refer to the back of this flyer for a complete list of included adapters and their applications.



Adapters available to service a wide range of makes and models.



The Fluid Dispenser is the heart of the Mityvac MV6400 series

It's designed with a number of features targeted specifically for automotive service applications.

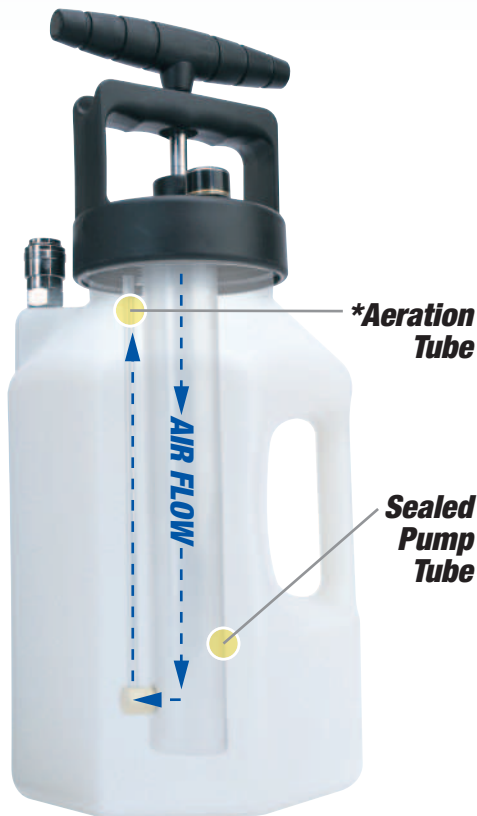
Features:

- An integrated manual pump dispenses fluid by pressurizing the 1.2-gallon (5-liter) reservoir
- Fluid is continually dispensed as long as there is pressure in the reservoir; freeing-up the operator's hands. Pumping is only required to build additional pressure
- The pump tube is sealed to prevent exposure to chemicals, and cleans easily between fluid changes
- The pump introduces air above the fluid level to reduce aeration*
- The fluid dispensing hose has a built-in valve to manually shut off and control the flow of fluid
- For convenience and speed, push-to-connect, quick-change style couplers are used to at both ends of the fluid dispensing hose
- Couplers have an integrated valve that automatically shuts off the flow of fluid when disconnected
- A pressure gauge displays critical dispensing pressure
- A thumb-operated tilt valve is conveniently located for manual pressure relief, and doubles as a safety valve to prevent over pressurization

Safety/Manual Pressure Relief Valve

Push-to-Connect Quick-Change Coupler with Auto-shutoff Valve

Pressure Gauge



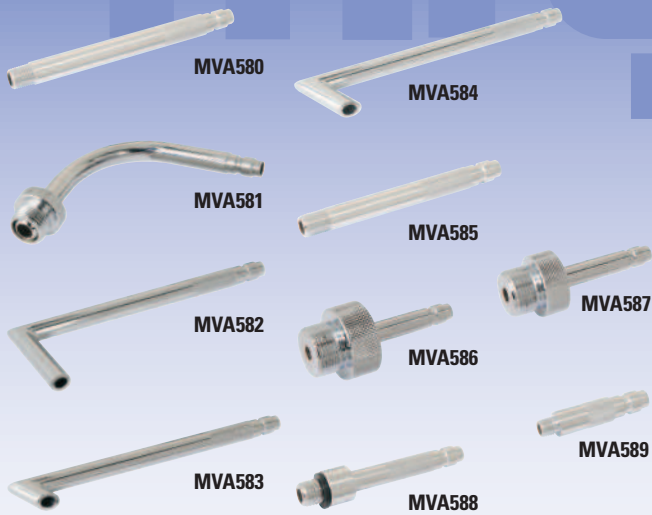
Shutoff/Flow Control Valve

Push-to-Connect Quick-Change Coupler with Auto-shutoff Valve

Fluid Dispensing Wand



ATF Refill Adapter Applications



ADAPTER	DESCRIPTION	THREAD	APPLICATIONS
MVA580	Ford ATF Refill Adapter	1/8" NPT	Ford
MVA581	Toyota ATF Refill Adapter	NA	Toyota
MVA582	Angled ATF Refill Adapter	NA	BMW, Honda, Nissan
MVA583	VW ATF Refill Adapter, Short	NA	Volkswagen
MVA584	VW ATF Refill Adapter, Long	NA	Volkswagen
MVA585	VW ATF Refill Adapter	10 x 1.0	Volkswagen
MVA586	VW/Audi ATF Refill Adapter	24 x 1.5	VW, Audi w/DSG Transmission
MVA587	Audi ATF Refill Adapter	22 x 1.5	Audi w/CVT Transmission
MVA588	Mercedes ATF Refill Adapter	12 x 1.5	Mercedes w/ 722.9 Transmission
MVA589	Volvo ATF Refill Adapter	5/16-24 UNF	Volvo

Pressure Bleed Adapter Applications



ADAPTER	TYPE	APPLICATIONS
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*	45mm 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
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 w/ small round necks from 1 1/4" (32mm) up to 2 1/8" (54 mm) internal diameter
MVA810*	Universal Round Cone Secured with Chain	All Acura, Honda, Isuzu, and Suzuki, some Mitsubishi. Master cylinders w/ large round necks from 1 3/4" (50mm) to 3 5/16" (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" (90mm x 150mm)
MVA812	Face Seal Secured with Dual Chains	Rectangular shaped master cylinders ranging in size from 3 1/2" x 6" (90mm x 150 mm) to 4 1/4" x 7 3/4" (108 mm x 200 mm)

* Included with Model MV6840

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

