

Brake & Clutch Bleeding Equipment

Mityvac offers several great options to meet your unique hydraulic brake and clutch bleeding requirements. Our hand pump, manual pressure bleeder and selection of manual and compressed air-operated vacuum bleeders provide a clean, economic one-person method of removing old fluid and trapped air from hydraulic systems. Each is designed and manufactured for exceptional performance, and includes a selection of convenient, time-saving accessories.



MV8020

MV8020 Brake Bleeding Kit

Includes the original Selectline hand vacuum pump and all accessories necessary to perform one-person brake bleeding on automobiles, motorcycles, ATVs, snowmobiles, etc. Also works great for siphoning or transferring fluids from tanks and reservoirs.

Kit Includes:

- Selectline hand vacuum pump (Model MV8030)
- 4.5 oz (135 ml) fluid reservoir bottle with fluid transfer and storage lids
- 2 tapered bleed screw adapters
- 2 universal bleed screw adapters
- ¼ in. ID x 1½ in. long (6.4 mm ID x 40 mm long) connection tube
- ¼ in. ID x 24 in. long (6.4 mm ID x 610 mm long) connection tube
- User manual (English/French/Spanish)

Specifications:

Pump displacement:	1 cu. in. (16 cc) per stroke
Max. vacuum:	25 in. Hg (85 kPa)
Packaged weight:	1.1 lbs. (.50 kg)
Packaged size:	12 x 10 x 2.3 in. (305 x 250 x 60 mm)



MV6830

MV6830 Vacuum Brake Bleeder

The compressed-air-operated MV6830 offers professional-grade brake and clutch bleeding performance. This compact yet powerful unit bleeds up to 2 qt. (1.9 l) per minute, and its simple operation allows clean, quick bleeding of brake and clutch lines. Kit includes an advanced selection of accessories that ensure maximum convenience and performance for greater productivity.

Features:

- Compressed air operation
- Integrated 1.9 qt. (1.8 l) capacity fluid collection reservoir
- Variable control thumb throttle
- Swivel air inlet with quick-disconnect
- Quick-disconnect coupler for accessories
- Quiet, muffled exhaust
- Automatic overflow prevention

Includes:

- Brake bleeder
- 6 ft. (1.8 m) bleed hose assembly
- 4 ft. (1.2 m) fluid evacuation hose
- Molded base with screws for bench mounting
- Automatic fluid refill kit (MVA6825)
- Hanging hook
- 3 Universal bleed screw adapters
- User manual (English/French/Spanish/German)

Specifications:

Reservoir capacity:	1.9 qt. (1.8 l)
Working pressure:	60 to 150 psi (4.1 to 10.3 bar)
Vacuum @ 90 psi (6.2 bar):	26 in. Hg (88 kPa)
Air consumption @ 90 psi (6.2 bar):	4.3 cfm (2.0 l/s)
Flow rate:	@ 60 psi (4.1 bar): 50 oz/min (1460 ml/min) @ 90 psi (6.2 bar): 70 oz/min (2100 ml/min) @ 150 psi (10.3 bar): 70 oz/min (2100 ml/min)
Inlet thread size:	¼ in. NPT
Packaged weight:	5.0 lbs. (2.3 kg)
Size (tall x dia.):	9 x 6.5 in. (230 x 150 mm)

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MV6835 Premium Vacuum Brake Bleed Kit

Model MV6835 extends the capabilities of our MV6830 vacuum brake bleeder by including our MVA6832 Clamp-on Auto-refill Kit. While the bleeder can evacuate up to 2 qt. (2 l) per minute, the refill kit ensures the master cylinder does not run dry of new fluid, making this kit an extremely efficient method of bleeding hydraulic brake and clutch systems.

Features:

- Same as MV6830

Includes:

- Same as MV6830 except with clamp-on style auto-refill kit (MVA6832)

Specifications:

Bleeder Reservoir capacity:	1.9 qt. (1.8 l)
Refill Reservoir capacity:	40 oz (1.2 l)
Working pressure:	60 to 150 psi (4.1 to 10.3 bar)
Vacuum @ 90 psi (6.2 bar):	26 in. Hg (88 kPa)
Air consumption @ 90 psi (6.2 bar):	4.3 cfm (2.0 l/s)
Flow rate:	@ 60 psi (4.1 bar):50 oz/min (1460 ml/min) @ 90 psi (6.2 bar):70 oz/min (2100 ml/min) @ 150 psi (10.3 bar):70 oz/min (2100 ml/min)
Inlet thread size:	¼ in. NPT
Packaged weight:	5.1 lbs. (2.3 kg)
Packaged size (wide x tall x deep):	11.5 x 10.8 x 8.8 in. (290 x 275 x 225 mm)



MV6838 Master Vacuum Brake Bleed Kit

Mityvac model MV6838 is the most complete vacuum brake bleeding and master cylinder refill kit available. It features our powerful MV6830 vacuum brake bleeder combined with our master cylinder auto-refill kit. Everything is provided to quickly and conveniently vacuum bleed virtually every make and model of vehicle on the road.

Features:

- Same as MV6830

Includes:

- Same as MV6830 except with master auto refill kit (MVA6832 + MVA6834)

Specifications:

Bleeder reservoir capacity:	1.9 qt. (1.8 l)
Refill reservoir capacity:	40 oz (1.2 l)
Working pressure:	60 to 150 psi (4.1 to 10.3 bar)
Vacuum @ 90 psi (6.2 bar):	26 in. Hg (88 kPa)
Air consumption @ 90 psi (6.2 bar):	4.3 cfm (2.0 l/s)
Flow rate:	@ 60 psi (4.1 bar):50 oz/min (1460 ml/min) @ 90 psi (6.2 bar):70 oz/min (2100 ml/min) @ 150 psi (10.3 bar):70 oz/min (2100 ml/min)
Inlet thread size:	¼ in. NPT
Packaged weight:	6.73 lbs. (3.05 kg)
Package Size (wide x tall x deep):	15.5 x 10.8 x 8.8 in. (395 x 275 x 225 mm)



Brake & Clutch Bleeding Equipment



MV6840

MV6840 Pressure Bleed System

Model MV6840 is a professional hydraulic brake and clutch bleeding system that includes a fluid dispenser with manual pump (MV6400) and a kit containing seven master cylinder adapters (MVA6850). 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. See page 22 for a complete list of included adapters and their applications.

Features:

- Includes seven (7) master cylinder adapters to connect to most American, Asian and European manufactured cars and light trucks
- Large 1.2 gal. (5 l) fluid capacity
- Fluid is dispensed under pressure for smooth continual flow
- Integrated manual pump adds air above the fluid level to prevent aeration
- Internal pump components are sealed against exposure to fluids
- ON/OFF and flow control valve are conveniently located near fluid output
- Utilizes push-to-connect, quick-change style accessory connections
- Pressure gauge indicates fluid dispensing pressure
- Integrated safety and manual pressure relief valve
- Includes custom-molded storage case for adapters

Includes:

- 1.2 gal. (5 l) fluid reservoir
- Reservoir lid with integrated manual pump, pressure gauge, and pressure relief valve
- 5 ft. (1.5 m) fluid dispensing hose with flow control and auto-shutoff valves
- MVA6850 pressure bleed adapter kit (includes seven master cylinder adapters)
- Fluid dispensing wand
- Hanging hook
- User's manual

Specifications:

Reservoir capacity:	1.2 gal. (5 l)
Max. pressure:	20 psi (1.4 bar)
Packaged weight:	14.4 lbs. (6.5 kgs)
Packaged size (wide x deep x tall):	11.8 x 11.3 x 15.6 in. (300 x 290 x 396 mm)



MV6844

MV6844 European Pressure Bleed System

Model MV6844 is a professional hydraulic brake and clutch bleeding system that includes a fluid dispenser with manual pump (MV6400) and a single master cylinder adapter designed for use on most European cars (MVA804). 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. See page 22 for a complete list of available adapters and their applications.

Features:

- Includes threaded adapter MVA804, for connecting to most European manufactured cars
- Large 1.2 gal. (5 l) fluid capacity
- Fluid is dispensed under pressure for smooth continual flow
- Integrated manual pump adds air above the fluid level to prevent aeration
- Internal pump components are sealed against exposure to fluids
- ON/OFF and flow control valve are conveniently located near fluid output
- Utilizes push-to-connect, quick-change style accessory connections
- Pressure gauge indicates fluid dispensing pressure
- Integrated safety and manual pressure relief valve

Includes:

- 1.2 gal. (5 l) fluid reservoir
- Reservoir lid with integrated manual pump, pressure gauge, and pressure relief valve
- 5 ft. (1.5 M) fluid dispensing hose with flow control and auto-shutoff valves
- MVA804 European pressure bleed adapter
- Fluid dispensing wand
- Hanging hook
- User's manual

Specifications:

Reservoir capacity:	1.2 gal. (5 l)
Max. pressure:	20 psi (1.4 bar)
Packaged weight:	9.3 lbs. (4.2 kgs)
Packaged size (wide x deep x tall):	7.5 x 8.0 x 15.6 in. (190 x 205 x 396 mm)

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MV6870 Vacuum Brake Bleeder

Mityvac's MV6870 offers high quality and performance in a robust compact design. It features a 1.3 qt. reservoir and powerful compressed-air-operated venturi that quickly draws out fluid and air from hydraulic brake and clutch systems. With the MV6870, one person can perform quick, clean vacuum brake and clutch bleeding.

Features:

- Compact 1.3 qt. (1.2 l) capacity reservoir
- Comfortable lever-action throttle with lock-on latch
- Durable, molded composite handle can take heavy abuse
- Automatic shutoff prevents overflow
- Integrated hanging hook doubles as a hose wrap for convenient storage
- 4 ft. (1.2 m) long bleed hose with molded support

- Universal bleed screw adapter conforms to most common bleed screw sizes
- Integrated muffler for quiet operation
- Includes two replacement bleed screw adapters

Includes:

- 1.3 qt. (1.2 l) fluid reservoir
- Reservoir lid with integrated venturi vacuum and muffler
- 4 ft. (1.2 m) bleed hose with molded support
- 2 bleed screw adapter replacements
- Hanging hook
- User's manual



MV6870

Specifications:

Bleeder reservoir capacity:	1.3 qt. (1.2 l)
Working pressure:	60 to 150 psi (4.1 to 10.3 bar)
Vacuum @ 90 psi (6.2 bar):	20 in. Hg (68 kPa)
Air consumption @ 90 psi (6.2 bar):	7.3 cfm (3.4 l/s)
Flow rate:	@ 60 psi (4.1 bar): 22 oz./min (650 ml/min) @ 90 psi (6.2 bar): 37 oz./min (1095 ml/min) @ 150 psi (10.3 bar): 32 oz./min (945 ml/min)
Inlet thread size:	¼ in. NPT
Packaged weight:	1.7 lbs. (0.77 kg)
Packaged size (wide x deep x tall):	11 x 5.5 x 9 in. (280 x 140 x 230 mm)

Brake & Clutch Bleeding Accessories



MVA6850 Pressure Bleed Adapter Kit

The MVA6850 expands the applications of Mityvac model MV6400 to include pressure bleeding hydraulic brake and clutch systems. The kit contains seven (7) adapters for connecting to the master cylinders of the majority of US and Asian manufactured cars and light trucks. See chart below for included adapters and their applications.

Features:

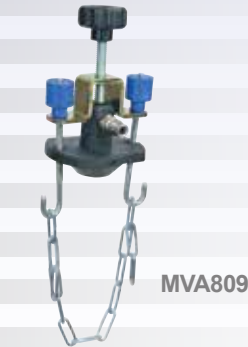
- Designed for airtight seal with the master cylinder for clean, convenient pressure bleeding
- Connects to pressure/fluid source using convenient quick-change coupler
- Custom molded case keeps adapters secure and organized during use, storage and transport

Includes:

- Pressure bleed adapters MVA800, MVA801, MVA802, MVA803, MVA804, MVA806, MVA808 and MVA810
- Custom molded storage and transport case

Specifications:

Packaged weight:	5.9 lbs. (2.7 kgs)
Packaged size:	15.1 x 3.5 x 11.8 in. (385 x 90 x 300 mm)



Pressure Bleed Adapters

Mityvac offers ten pressure bleed adapters designed to fit the master cylinder and clutch slave cylinder reservoirs for most makes and models of vehicles sold in North America. Adapters MVA800 thru MVA808 fit the reservoir like the original cap, and have a rotating, low-profile, right angle connector design for access into tight locations. Adapters MVA809 thru MVA812 are for varying universal applications and offer a unique adjustable clamping design that applies pressure to the center of the adapter for a more uniform seal.

Adapter 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 1¼ x 2⅝ in. (32 to 54 mm) internal diameter
MVA810*	Universal round cone secured with chain	All Acura, Honda, Izusu and Suzuki, some Mitsubishi. Master cylinders with large round necks from 1¼ to 3⅝ in. (50 to 80 mm) internal diameter
MVA811	Face seal secured with dual chains	Rectangular shaped master cylinders ranging in size up to 3½ x 6 in. (90 x 150 mm)
MVA812	Face seal secured with double chains	Rectangular shaped master cylinders ranging in size from 3½ x 6 in. (90 x 150 mm) to 4¼ x 7¼ in. (108 x 200 mm)

* Included in MVA6850 and MV6840

** Included in MV6844, MV6840 and MVA6850

801768 Replacement Seal Kit

Includes replacement seals for pressure brake bleed adapters MVA800, MVA801, MVA802, MVA803, MVA804, MVA806, and MVA808.

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MVA6825 Master Cylinder Refill Kit

Eliminates the need to repeatedly top-off the brake master cylinder or clutch slave cylinder while vacuum bleeding. Fluid level is automatically maintained, preventing air from being reintroduced into brake and clutch lines. The kit adapts to standard 12 and 32 oz. brake fluid bottles, eliminating the mess and hassle of transferring fluid into a reservoir and maintaining brake fluid integrity.

Kit includes:

- 12 oz. Bottle adapter
- 32 oz. Bottle adapter
- 3 in. (75 mm) diameter master cylinder plate
- 6 in. (150 mm) diameter master cylinder plate
- 4 x 8 in. (100 x 200 mm) dual chamber master cylinder plate
- Instruction sheet

Specifications:

Weight: 4.7 oz. / 135 g



MVA6825

MVA6832 Clamp-on Auto-refill Kit

MVA6832 uses gravity to automatically refill the master cylinder during vacuum or manual hydraulic brake or clutch bleeding/flushing. It includes a 40 oz. (1.2 l) reservoir that mounts on top of the master cylinder and clamps securely to the wall. As old brake fluid is bled from the hydraulic system through the bleed screws, new fluid flows automatically from the reservoir to replenish the master cylinder.

Features:

- Large 40 oz. (1.2 l) reservoir holds enough fluid for an entire flush
- On/Off valve controls the flow of fluid from the reservoir
- Fluid level control maintains the correct level of fluid in the master cylinder
- Conveniently adapts for use with standard 12 oz. (355 ml) and 32 oz. (946 ml) brake fluid bottles
- Universal top-mount design fits most types of master cylinders

Includes:

- 40 oz. (1.2 l) fluid reservoir with transfer and storage lid
- Base with screw clamp
- Transfer tube with valve
- Level adjustment spring
- 12 oz. (355 ml) bottle adapter
- 32 oz. (946 ml) bottle adapter
- User manual (English/French/Spanish/German)

Specifications:

Reservoir capacity:	40 oz. (1.2 l)
Packaged weight:	13.4 oz. (0.38 kg)
Packaged size (wide x tall x deep):	6.5 x 5 x 6.3 in. (165 x 125 x 160 mm)



MVA6832

MVA6834 Plate-style Auto-refill Upgrade Kit

Upgrade your MVA6832 Clamp-on Auto-refill Kit with MVA6834, to create our Master Auto-refill Kit. The plates included with MVA6834 significantly expand the number of applications to include dual chamber and small neck master cylinders, as well as low clearance applications.

Features:

- Extends applications of MVA6832 Clamp-on Auto-refill Kit to include dual chamber and small neck master cylinders
- Refills master cylinder automatically using vacuum produced while brake bleeding
- Utilizes 40 oz. (1.2 l) reservoir included with MVA6832 for bulk dispensing and multiple brake jobs
- Adapts for use with standard 12 oz. (355 ml) and 32 oz. (946 ml) bottles of brake fluid
- Plates are manufactured from durable composite material with foam underside to ensure an airtight seal with master cylinder
- Round and rectangular plates fit virtually every master cylinder

Includes:

- Rectangular dual chamber refill plate
- Round refill plate
- Adjustable length rubber cords
- Fluid transfer tubes with connectors
- Reservoir hanging hook
- User manual (English/French/Spanish/German)

Specifications:

Packaged weight:	13.4 oz. (0.38 kg)
Packaged size (wide x tall x deep):	6.5 x 5 x 6.3 in. (165 x 125 x 160 mm)



MVA6834

Brake & Clutch Bleeding Accessories



MVA6837

MVA6837 Brake Bleed Reservoir Kit

Model MVA6837 reservoir kit is specially designed to capture brake fluid expelled from the bleed screw when pressure or gravity brake bleeding is performed. The kit includes the Mityvac universal bleed screw adapter, which forms a tight seal around the bleed screw to ensure a clean, efficient bleed job.

Features:

- Universal bleed screw adapter forms tight seal to prevent leakage
- 40 oz. (1.2 l) reservoir holds enough fluid for an entire flush
- Includes hook for hanging the reservoir near the bleed location

Includes:

- 40 oz. (1.2 l) fluid reservoir
- Universal bleed screw adapter
- Fluid transfer tube
- Hanging hook

Specifications:

Reservoir capacity:	40 oz. (1.2 l)
Packaged weight:	2.1 lbs. (1.0 kg)
Packaged size (deep x wide x tall):	5.0 x 8.0 x 8.0 in. (125 x 205 x 205 mm)



MVA6008

MVA6008 Diesel Fuel Primer Kit

Kit contains three adapters designed for priming the diesel fuel filter using a Mityvac hand vacuum pump or vacuum brake bleeder. Adapters are designed for 6 mm, 8 mm and 12 mm fuel filter ports.

Includes:

- 6 mm primer adapter
- 8 mm primer adapter
- 12 mm primer adapter
- Barbed hose connector

Specifications:

Weight:	1.0 oz. (28 g)
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MVA6007

MVA6007 Dual Adapter Bleed Kit

This specially designed accessory attaches to Mityvac hand vacuum/pressure pumps and vacuum brake bleeding equipment for simultaneous bleeding of motorcycle dual caliper brake systems. Includes clear ¼ in. (6.4 mm) ID hoses and two universal bleed adapters.

Specifications:

Weight:	7.6 oz. (215 g)
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