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

<table>
<thead>
<tr>
<th></th>
<th>MV7201</th>
<th>MV7300</th>
<th>MV7400</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Application</strong></td>
<td>Quickly evacuate fluid from tanks and reservoirs</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Markets Served</strong></td>
<td>Automotive, Agricultural, Industrial, Fleet, DIY, Small engine, Marine</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Capacity</strong></td>
<td>2.3 gal. (8.8 liter)</td>
<td>2.3 gal. (8.8 liter)</td>
<td>1.9 gal. (7.3 liter)</td>
</tr>
<tr>
<td><strong>Evacuate</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Dispense</strong></td>
<td>Yes</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td><strong>Brake Bleeding</strong></td>
<td>Yes (with MVA7205)</td>
<td>Yes (brake bleed hose included)</td>
<td>Yes (with MVA7205)</td>
</tr>
</tbody>
</table>
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
- Utilizes 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**

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

**MVA6850 PRESSURE BLEED ADAPTERS**

<table>
<thead>
<tr>
<th>Part no.</th>
<th>Type</th>
<th>Application(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MVA800*</td>
<td>Locking collar</td>
<td>Toyota, Lexus</td>
</tr>
<tr>
<td>MVA801*</td>
<td>3-tab camlock</td>
<td>Chrysler, Dodge, Jeep, Plymouth</td>
</tr>
<tr>
<td>MVA802*</td>
<td>3-tab camlock</td>
<td>Chrysler, Dodge, Jeep, Plymouth</td>
</tr>
<tr>
<td>MVA803*</td>
<td>3-tab camlock</td>
<td>Most late model GM cars (Buick, Cadillac, Chevrolet, GMC, Hummer, Oldsmobile, Pontiac), some Mazda</td>
</tr>
<tr>
<td>MVA804*</td>
<td>45 mm thread</td>
<td>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</td>
</tr>
<tr>
<td>MVA805</td>
<td>2-tab camlock</td>
<td>Early model Fords with 2-tab master cylinders</td>
</tr>
<tr>
<td>MVA806*</td>
<td>3-tab camlock</td>
<td>Some late model GM cars not covered by MVA803, similar to MVA803, but with slightly different master cylinder neck</td>
</tr>
<tr>
<td>MVA808*</td>
<td>3-tab camlock</td>
<td>All Hyundai, Mitsubishi, Nissan and Subaru, some Chrysler/Dodge, some Ford/Lincoln</td>
</tr>
<tr>
<td>MVA809</td>
<td>Universal round cone</td>
<td>Master cylinders with small round necks from 1/4 x 2 1/8 in. (32 to 54 mm) internal diameter</td>
</tr>
<tr>
<td>MVA810*</td>
<td>Universal round cone</td>
<td>All Acura, Honda, Isuzu and Suzuki, some Mitsubishi, Master cylinders with large round necks from 1/4 to 3/16 in. (50 to 80 mm) internal diameter</td>
</tr>
<tr>
<td>MVA811</td>
<td>Face seal secured with dual chains</td>
<td>Rectangular shaped master cylinders ranging in size up to 3 1/2 x 6 in. (90 x 150 mm)</td>
</tr>
<tr>
<td>MVA812</td>
<td>Face seal secured</td>
<td>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)</td>
</tr>
</tbody>
</table>

* 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 Test 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
• 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

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, non-slip 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

For additional information, visit www.mityvac.com