Drain Twin Pressure & Vacuum Brake Bleeder
34500000

For servicing advanced ABS Brake systems

- Drain Twin is a versatile brake bleeder for all kinds of brake service work, including advanced ABS systems with stability and traction control functions
- VM approval from 11 international vehicle manufacturers
- One air-operated Pump - Twin functions - Pressure & Vacuum
- Pulsating pressure pump purges brake system more effectively than a constant pressure pump
  - Adjustable working pressure up to 2.8 bar (42 psi)
    - eg Mercedes = 2.6 bar
- Non-drip couplings and nipples for a clean and safe working environment
- Pressure equalization system ensures new fluid container is kept sealed
- No contact required with new fluid eliminates risk of contamination
- Supplied with accessories pack:
  - New fluid container and inlet suction lance / float valve
  - Vacuum waste container
  - Pressure waste container
  - Vacuum suction hose connector
  - Suction / fill gun and filter
  - Standard E20 master cylinder connector
- Full operating instructions supplied
- Demonstration video available
- Range of specialist caps also available (see page 8)

For servicing advanced ABS Brake systems

Drain Twin is approved by the following vehicle manufacturers:
- Ford (FSE programme)
- GM Europe (Vauxhall / Opel) & GM USA
- Renault
- Citroen
- Land Rover
- Jaguar
- Daimler Chrysler
- Infiniti
- Nissan
- Toyota
- Volvo

Product demonstration video available - download a copy from www.sykes-pickavant.com

Technical Data

<table>
<thead>
<tr>
<th>Drain Twin Brake Bleeder</th>
<th>34500000</th>
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</thead>
<tbody>
<tr>
<td>Inlet Air Pressure</td>
<td>Up to 12 bar (174 psi)</td>
</tr>
<tr>
<td>Max. Air Consumption</td>
<td>75 ltrs/min at 3.5 bar (2.6 cfm at 50 psi)</td>
</tr>
<tr>
<td>Adjustable Working Pressure</td>
<td>Up to 2.8 bar (42 psi) +/- 0.2 bar</td>
</tr>
<tr>
<td>Pressure Safety Valve</td>
<td>At 3.5 bar (50 psi)</td>
</tr>
<tr>
<td>Main Fluid Hose</td>
<td>3.5 mtrs (11.5 ft) c/w non-drip couplings</td>
</tr>
<tr>
<td>Air Supply Connection</td>
<td>1/4&quot; BSP Female Thread</td>
</tr>
<tr>
<td>Internal Fluid Seals</td>
<td>Made from EPDM for Brake Fluid</td>
</tr>
<tr>
<td>Dimensions</td>
<td>44.0 x 36.5 x 48.5 cm (17&quot; x 14&quot; x 18&quot;)</td>
</tr>
<tr>
<td>Weight</td>
<td>11.5 kg (26.5 lbs)</td>
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</tbody>
</table>

Optional Accessories

- 12018 0345 Mobile trolley for Drain Twin / Drain One
- 12018 0346 Upgrade kit for use with 25 & 60 Ltr barrels
- 12018 8416 Universal Adaptor for Brake Fluid Master Cylinders

For optional specialist Vehicle Reservoir connectors - refer to page 8

www.sykes-pickavant.com
For servicing advanced ABS Brake systems

- Pressure Brake Bleeding only
- Suitable for use with modern ABS systems
- Approved by GM Europe (Vauxhall / Opel) and GM USA
- Pulsating pressure pump - adjustable to 2.8 bar (42 psi)
- Non-drip couplings and nipples for a clean and safe working environment
- Pressure equalization system ensures new fluid container is kept sealed
  - No contact required with new fluid eliminates risk of contamination
- Supplied with accessories pack:
  - New fluid container and inlet suction lance / float valve
  - Pressure waste container
  - Standard E20 master cylinder connector
  - Range of specialist caps also available

Vehicle Manufacturer Approvals

Drain One is approved by the following vehicle manufacturers:
- GM Europe (Vauxhall / Opel)
- GM USA

Technical Data

<table>
<thead>
<tr>
<th>Drain One Brake Bleeder 34600000</th>
<th>Inlet Air Pressure</th>
<th>Max. Air Consumption</th>
<th>Adjustable Working Pressure</th>
<th>Pressure Safety Valve</th>
<th>Main Fluid Hose</th>
<th>Air Supply Connection</th>
<th>Internal Fluid Seals</th>
<th>Dimensions</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Up to 12 bar (174 psi)</td>
<td>66 ltrs/min at 3.0 bar (2.33cfm at 43psi)</td>
<td>Up to 2.8 bar (42 psi) +/- 0.2 bar</td>
<td>At 3.5 bar (50 psi)</td>
<td>3.5 mtrs (11.5 ft) c/w non-drip couplings</td>
<td>&quot; BSP Female Thread</td>
<td>Made from EPDM for Brake Fluid</td>
<td>44.0 x 36.5 x 46.5 cm (17&quot; x 14&quot; x 18&quot;)</td>
<td>7.0 kg (15.4 lbs)</td>
</tr>
</tbody>
</table>

Optional Accessories

- 12018 0345 Mobile trolley for Drain Twin / Drain One
- 12018 0346 Upgrade kit for use with 25 & 60 Ltr barrels
- 12018 7102 Master Cylinder Suction / Fill Gun
- 12018 8416 Universal Adaptor for Brake Fluid Master Cylinders

For optional specialist Vehicle Reservoir connectors - refer to page 8
**Optional brake bleeding connectors and accessories**

- **12018 8416** Reservoir Adaptor - Universal with adjustable fitting chain
- **12018 0218** Reservoir Adaptor 46.5 x 3.5mm Universal E20 Std Connector Supplied with Drain Twin / One
- **12018 0212** Reservoir Adaptor 46.5 x 3.5mm Universal E20 Std Connector with Flexible Hose
- **12018 0222** Reservoir Adaptor 46.5 x 3.5mm Universal E20 Std Connector with Swivel connector
- **12018 0210** Reservoir Adaptor 28.5 x 3mm BLMC, DAF, Ford
- **12018 0211** Reservoir Adaptor 29.5 x 3.5mm Porsche, VAG
- **12018 0214** Reservoir Adaptor 45.5 x 4mm Fiat Group, Mazda, Toyota
- **12018 0213** Reservoir Adaptor 56.5 x 4mm Opel, Peugeot
- **12018 0215** Reservoir Adaptor 63.0 x 4mm Citroen, Fiat, Ford, Peugeot, Renault
- **12018 0216** Reservoir Adaptor 79.0 x 3mm Mitsubishi, Nissan Patrol, Volvo S40 / V40
- **12018 0219 - 1/4”** Adaptor / Conversion Hoses - to convert existing threaded adaptors to work with Drain Twin & Drain One
- **12018 0220 - 1/8”**
- **12018 0345** Plastic Trolley Cart for Drain Twin & Drain One
- **12018 0346** Upgrade Kit for 25 & 60 Ltr barrels (Lance & Hose assy)

**Additional Accessories**
- **12018 7100** Suction Lance 5ltr
- **12018 0070** Fluid Collector Bottle
- **12018 0218** Std E20 Adaptor
- **12018 7103** Filter Hose
- **12018 7102** Suction / Filling Gun
- **12018 7106** Fluid Suction Hose
- **12018 7107** Main Fluid Hose

Visit [www.sykes-pickavant.com](http://www.sykes-pickavant.com) for more information and products.
### Vacuum Brake Bleeder

**03480000**

A stand-alone brake bleeder that uses vacuum to “suck” the fluid out:

- Removes the brake fluid from the master cylinder by sucking it out of the filler.
- Fast fluid changes as not all the fluid needs to be bled via a bleed nipple.
- No need to have a pressure tight seal on those difficult to get at master cylinder reservoirs.
- By “sucking” the fluid away risk of sudden spillage is significantly reduced.
- Uses standard workshop compressed air supply to generate vacuum (70 – 170 psi).
- When combined with the Automatic Brake Fluid Filler Unit (03481100), turns brake and clutch system bleeding into a genuine one man operation.

### Brake Fluid Auto Filler

**03481100**

A stand-alone brake fluid container for automatic filling of brake fluid reservoirs:

- Removes the need for a second person to stand over the reservoir and keep it topped up.
- Reduces the risk of accidental fluid spillage during topping up.
- Air tight brass tap ensures fluid stays “fresh” for next time.
- Graduated scale gives an accurate indication of fluid used.

### Accessories for old Sykes-Pickavant Brake Bleeders

Sykes-Pickavant continues to maintain availability of spare parts and accessories for previous generations of SP Brake Bleeding equipment - models 03490000 / 03550000 / 03580000 / 035800V2

Popular accessories for the above models -:

- **03555400** Fluid Drain Bottle and Bleed Pipe - suitable for all types of Brake Bleeders
- **035590V2** Universal Master Cylinder Cap Adaptor for 03490000 / 03550000
- **03559600** Universal Master Cylinder Cap Adaptor for 03580000 / 035800V2
- **03580800** Master Cylinder Cap Set for 03580000 / 035800V2

### Brake Fluid Tester

**03530000**

12v operation from vehicles’ own supply:

- Works on all brake fluids with boiling points up to 320°C
- DOT 3, DOT 4 and DOT 5.1
- Displays battery voltage, and boiling point of fluid
- Simple pass or fail indicator

#### Brake Bleeder Bottle c/w non-return valve

**66050000**

- For one-man operation
- Non return valve ensures air does not return back into the system

#### Brake Bleeder Bottle for dual-circuit brakes

**66050100**

- For one-man operation
- Non return valve ensures air does not return back into the system
- Dual-circuit brake systems