V20230608

Brake Bleeder Set User Manual



Read Carefully Before Use
Keep for Future Reference

SAFETY INFORMATION

⚠ Warning!

- The instructions provided herein are only for general information. **ALWAYS** perform all repairs in full compliance with your vehicle's service manual. Particularly, **ALWAYS** use the brake fluid type and amount listed in the service manual. After any repair, test your engine and vehicle in your workshop and at low speed before returning to normal use. Failure to do so may result in brake failure, serious property damage, and severe personal injury.
- **DO NOT** allow children or those unfamiliar with this product and its compatible brake systems to use it. Do not use while under the influence of alcohol, drugs, or any medication that negatively affects your judgment or reflexes. Keep children and bystanders away during use.
- Keep your work site clean and well lit. Cluttered and dark work areas invite accidents.
- For best results, keep the kit clean and dry. Remove any fluid, oil, or grease before and after work, particularly from the handle and fittings.
- **ALWAYS** use personal protective equipment (PPE) suitable to your task. Always wear ANSI-approved eye and hand protection while using this product. Nonslip footwear is also highly recommended. Other equipment such as ear, head, and body protection may also be necessary depending on your work and other equipment.
- Dress properly for automotive servicing. Do not wear loose clothing or jewelry and keep hair, clothing, gloves, hoses, and tools away from any moving parts during use.
- **ALWAYS** know and understand the specific safety warnings and instructions for your vehicle before using this kit. Use the correct fluids, pressures, adapters, etc. for your vehicle. Make sure the parking brake is activated before beginning any work. Use with jack and jack stands able to fully support the necessary weight. Never touch any heated surface with exposed skin.
- Do not overreach. Keep proper footing and balance at all times.
- **DO NOT** use excessive pressure with this product and do not force it or its attachments.
- **DO NOT** allow your vehicle's brake fluid reservoir to run dry during use.
- **ALWAYS** test the brakes after using this product before driving and test after use by driving slowly and repeatedly pressing the brakes. **DO NOT** continue to drive if the brake pedal loses pressure or the brakes react weakly. Correct any problems before resuming use of the vehicle.
- Maintain this product. Check for misalignment, binding, wear, or other damage before use.

SPECIFICATIONS

Material		Polyethylene, Nylon, Silicone	
Pressure Bleeder Reservoir	**Dimensions**	7.8×7.1×15.7 in.	3.1×3×6.2 cm
	Capacity	2.6 qt.	2.5L
Adapter Hose Length		3.3 ft.	1 m
Brake Bleeder Bottle	**Dimensions**	6.3×2.8 in.	16.2×7 cm
	Capacity	16.8 fl. oz.	500 ml
Bleeding Hose Length		1.8 ft.	55 cm
Adapter Diameter		2 in.	50.7 mm
Net Weight		2.8 lb.	1.3 kg

PARTS LIST



A	Brake Bleeder Bottle
B	Pump Handle
C	Pressure Gauge
D	Pressure Bleeder Reservoir
E	Lid Wrench
F	Bleeding Hose
G	Adapter Hose
H	Brake Fluid Reservoir Adapter

OPERATION

1. Consult your vehicle's instruction manual to know which kind of brake fluid is best. Ensure that the engine is turned off. Lift your vehicle and keep it safely elevated on a stand. You can remove the wheels in turn or all together.
2. Open your hood and locate your brake fluid reservoir. Remove as much brake fluid as possible from the vehicle's reservoir. Be careful as brake fluid will erode paint.
3. Place the brake fluid reservoir adapter (H) where the brake fluid reservoir cap was. Connect the brake fluid reservoir adapter to the adapter hose (G).
4. Fill the pressure bleeder reservoir (D) with brake fluid, screw the reservoir cap (C), with the provided cap wrench (E), on and use the hand pump handle (B) to increase the pressure of the system to 10 psi.
5. Start bleeding the fluid out of the system by attaching the bleeding hose (F) to the brake caliper, unfastening the caliper bleeder, and collecting the brake fluid in the brake bleeder bottle (A).
6. Assist the bleeding process by pressing on your vehicle's brakes periodically.
7. Stop draining fluid once the fluid going through the bleeding hose becomes clear. Refasten the bleeder and disconnect the bleeding hose.
8. Repeat this process for the brake calipers on all other wheels. Between each caliper bleed, fill up the brake fluid reservoir. Clean any grime off the caliper before connection.
9. Depressurize the reservoir before removing the brake fluid reservoir adapter and reinstalling the brake fluid reservoir cap on your vehicle.
10. Reinstall the wheels after bleeding each caliper or once all the calipers have been bled. Verify the integrity of the braking system by depressing the brake pedal and if it does not feel firm, correct any problems before using the vehicle. Next, take a slow drive while periodically testing the brakes. Again, correct any problems before continuing to use the vehicle.

MAINTENANCE

- Before each use, check the condition of this tool set. Repair any damage detected before further use.
- After each use, clean any grime or fluid away using a mild detergent. Do not use caustic chemicals or harsh abrasives.
- Store this tool in its carrying case or package box in a cool dry location away from direct sunlight and inaccessible to children.

CONTACT US

Thank you for choosing our products! If you have any questions or comments, contact us at **support@orionmotortech.com** and we'll resolve your issue ASAP!

For a .pdf copy of the latest version of these instructions, use the appropriate app on your smartphone to scan the QR code to the right.

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