

BrakeMate Basic Operational Overview

NOTE: If machine will not prime or drain, remove service panel and locate solenoid valve (labeled #1). Loosen hose fitting until a small amount of fluid drips out. Tighten and reattempt prime or drain.

BRAKE FLUSH PROCEDURE:

1. Fill New Fluid Tank with fresh brake fluid.
2. Remove ABS line from holder and attach suction hose.
3. Remove master cylinder cap, insert suction hose and press "REMOVE FLUID" button on control panel to remove used fluid from the master cylinder.
NOTE: Leave a bit in the bottom of the reservoir to make sure no air is introduced into the system.
4. Press the "STOP" button when you are finished removing fluid.
5. Find correct master cylinder adapter from adapter kit and attach to master cylinder reservoir.
6. Attach black pressure hose to master cylinder adapter and open ball valve.
7. Press "M/C PRESSURE" button and verify that there are no leaks around the master cylinder cap. This button will pressurize the brake system so you can safely open the bleeder screws preventing air from entering the bleeder.
NOTE: Make sure the pressure hose is not putting any torque on the master cylinder. This will cause leakage.
8. Raise the vehicle.
9. Verify that all bleeder screws can be opened before attaching yellow Tygon lines.
10. Attach yellow Tygon lines to respective bleeder fittings.
11. Open bleeder screws about 1/4 turn until fluid begins to flow into yellow lines. (Make sure the bleeder stays open after you remove the wrench)
12. You may now start the automatic brake flush. Press "FWD START" if the vehicle is front wheel drive, or "RWD START" if the vehicle is rear wheel drive. The machine will begin to run through its cycle.
13. Once finished, red LED on front of machine will blink.
14. Close all bleeder valves on vehicle.
15. Return to machine and hold "REMOVE FLUID" button down for 5 seconds until vacuum pump begins to run and all four wheel lights illuminate on control panel.
16. Remove all yellow Tygon hoses from bleeder fittings.
17. Lower the vehicle.
18. Close ball valve on pressure hose and carefully remove from adapter using rag.
19. Remove master cylinder adapter and verify fluid level in reservoir.
20. Fluid may be added or removed from the reservoir using "ADD FLUID" or "REMOVE FLUID" buttons.
21. Start vehicle and check brake pedal to ensure solid feeling.

WARNING!

Brake fluid is highly corrosive, and will damage surfaces if not cleaned up promptly. Always check for brake fluid under the machine before storing, especially under the back of the machine where new fluid is filled. Any spills should be cleaned up immediately.

BrakeMate™

Brake Flush Machine

BRAKE BLEEDER ADAPTERS



941588W (# BA01)

Two piece 3 tab with expandable o-rings. One adapter has pressure nipple & the other seals the second brake fluid fill inlet. Fits Chrysler master cylinders with twin twist caps.



941589W (# BA02)

Twist on with 2 tabs & expandable o-ring. Fits Fords master cylinders with twist cap.



941590W (# BA03)

Twist on with 3 tabs & expandable o-ring. Fits Fords and other master cylinders with twist cap.



941591W (# BA04)

Twist on with 3 tabs & expandable o-ring. Fits GM master cylinders with twist cap.



941592W (# BA05)

Threaded screw cap adapter. Fits European threaded master cylinders. Audi, Porsche, BMW, Mercedes, Volvo, VW, and others.



941593W (# BA07)

Universal round adapter with chain tension hold down. Fits round master cylinders with a diameter of 0.800" to 3.150".



941594W (# BA08)

Expandable O-ring adapter with hold down chain. Seals the inside of Honda master cylinders with a diameter of 2.11" to 2.17".



941599W (#ST100)

Twin cylinders with rubber cones connected together with common hose. Chain tension hold down. Fits into the inlet hole at the bottom of GM and Chrysler plastic master cylinders.



941595W (# BA09)

Expandable O-ring adapter with hold down chain. Seals the inside of Honda master cylinders with a diameter of 2.91".



941596W (# BA10)

Expandable O-ring adapter with adjustable hold down tabs. Fits Toyota master cylinders with an inner diameter of 1.69".



941597W (# BA11)

Expandable O-ring adapter with adjustable hold down tabs. Fits Toyota master cylinders with an inner diameter of 2.75".

941598W (# BA12)

Durable plate adapter with 2 hold down chains for rectangular cast iron master cylinders.



RECOMMENDED ADAPTER PACKAGES

Ford: BA02, BA03, BA05, BA07, BA12

GM: BA04, BA05, BA07, BA12, ST100

Chrysler: BA01, BA05, BA07, BA12, ST100

Honda/Acura: BA07, BA08, BA09

European: BA05, BA07

Toyota: BA07, BA10, BA11

Universal: BA01, BA04, BA05, BA07, BA12, ST100