

# PURE-BRAKE® FLUID EXCHANGE

## Tools Needed

Pure-Brake® Fluid-Exchanger Machine #98400



#98400

## Products Needed

SOLTEC® DOT 3 Brake Fluid #10001

SOLTEC® DOT 4 Brake Fluid #12001



#10001



#12001

## Step 1

First, check the condition of the brake fluid by using a DOT-approved (**test strip**) testing method. If the brake fluid is contaminated, a brake-fluid-exchange should be recommended. The **Pure-Brake® Fluid-Exchanger Machine #98400** is designed to supply the fluid at the master cylinder, while simultaneously removing the old, contaminated brake fluid from each wheel cylinder. Use of **SOLTEC® DOT 3 Brake Fluid #10001**, or **SOLTEC® DOT 4 Brake Fluid #12001** is required to operate the **Pure-Brake®-Fluid Exchanger**.

## Step 2

An access code must be entered into the machine using the key pad. The code is located on the fluid bottle (**see Figure A**). Once the code has been entered, it will allow up to 50 minutes to complete the service. Following the onboard instructions, choose one of the 3 service modes: Quick-Service Mode, Manual Mode, or OEM Service.

## Note

If the master cylinder is empty, **DO NOT START A SERVICE**. Air may have entered the braking system of the vehicle. Follow the Manufacture's recommended bleeding procedure and methods before continuing with the service.



Figure A

## Step 3

After installing the bottle and entering the code, lift the vehicle & perform a visual inspection for leaks. While the vehicle is on the lift, the dust caps should be removed and the bleeder valves should be loosened & re-tightened. The vehicle should then be lowered so the Pure-Brake® Fluid-Exchanger Machine can be attached to the vehicle's battery.

# PURE-BRAKE® FLUID EXCHANGE

(Continued from front page)

## Step 4

Attach the extraction tool to the suction hose (see [Figure B](#)). Press the “**START**” button and place the tip of the extraction tool into the master cylinder. Squeezing the trigger of the tool begins the removal of the used fluid. This process continues until the reservoir is empty. Attach the appropriate adapter to the master cylinder (see [Figure C](#)).

**NOTE:** When installing reservoir adapters with a tie-down chain, be sure that all wires, sensors, brake lines and hoses are clear of the chain's loops going around the master cylinder before tightening the adapter in place.



**Figure B**



**Figure C**

## Step 5

Press “**NEXT**” to refill the reservoir and perform a system leak test. If no leaks are found, lift the vehicle and roll the Pure-Brake® Fluid-Exchanger Machine under the vehicle from the front. **NOTE:** use care to keep the battery and master lines attached. Attach the appropriate wheel cylinder adapters to each wheel cylinder and open the bleed screws ¼ turn (see [Figure D](#)). The Pure-Brake® Fluid-Exchanger Machine will install the SOLTEC® DOT 3, or DOT 4 Brake Fluid into the master cylinder. Follow the on-screen instructions on how to close one bleeder line at a time (see [Figure E](#)). When prompted by the machine, press “**NEXT**” to advance the program. When all four wheels are complete, press “**NEXT**.” The pressure will then be released.



**Figure D**



**Figure E**

# PURE-BRAKE® FLUID EXCHANGE

(Continued from page 2)

## Step 6

Roll the machine out from under the vehicle and lower it. Again, use care to keep the battery and master lines attached. Remove the adapter from the master and press “NEXT.” If the fluid in the master requires adjustment, either add fluid by pressing the “ADD” button with the extraction tool attached to the black FILL hose (see [Figure F](#)), or remove fluid by pressing the “REMOVE” button with the extraction tool attached to the red suction hose (see [Figure G](#)).



*Figure F*



*Figure G*

## Step 7

After the fluid level is at the proper level, press the “NEXT” button. The service is now complete. Remove the battery clamps from the power supply, and reinstall the Brake-Fluid-Reservoir Cap. When the service is complete, press the brake pedal to insure proper operation, turn on engine and check for leaks.