



EBS ET-1 ATF COOLER LINE EXCHANGE QUICK REFERENCE 1-1-16

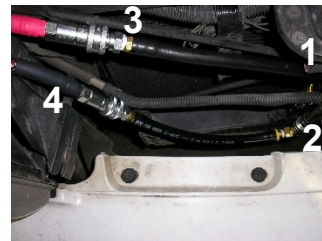
STEP 1 Locate the transmission cooler line connection on the vehicle. Identify the correct adapters to be used by referring to the vehicle application chart. Connect the adapters to the transmission cooler lines.



STEP 6 Set amount to be exchanged in one tenth quart or one-tenth liter increments using the plus (+) or (-) sign under the NEW tank level indicator. Note if the WASTE tank does not have adequate room for the NEW fluid selected, or the there is not enough NEW fluid adjust levels accordingly.



STEP 2 Included with the unit are one straight (1), and one ninety-degree (2) intermediate hose. Connect the intermediate hoses to the adapters. Connect the new fluid line (clear, 3) of the unit to one intermediate hose, and the used fluid line (blue, 4) of the unit to the remaining intermediate hose.



STEP 7 Press the EXCHANGE START button. The equipment will exchange fluid from the transmission in 2 tenths of a quart increments until the total selected in STEP 6 is exchanged. As the fluid is being exchanged the NEW fluid level will be decreasing as the WASTE level is increasing.



STEP 3 Connect the unit's power cord to a 110vac outlet. Use a heavy duty extension cord if necessary. Turn the power switch on the lid on. The control pad screen should light up and then show old and new fluid amounts in each tank. Fill NEW Tank or empty USED Tank as required.



STEP 8 The NEW fluid level will show ZERO and the WASTE level will show the amount selected for service in STEP 6 when the exchange has been completed. The unit will automatically go into bypass mode upon completion.



STEP 4 Start the vehicle. Fluid pressure should increase on the pressure gauge and the READY light will turn on. If the pressure does not increase, IMMEDIATELY turn off the vehicle and reverse the hose connections (see STEP 2) and re-try. If the vehicle is cold and a thermostat is involved it may be necessary to warm up the vehicle.



STEP 9 Check the transmission fluid level. Add or remove fluid as necessary by selecting ADD FLUID or REMOVE FLUID button on the control panel. Select the desired amount using the "+" or "-" buttons. Press the ADD FLUID or REMOVE FLUID button again to start that process.



STEP 5 With the engine running, and a fluid pressure of 3 to 50psi, press the COOLER LINE button. This will allow transmission fluid from the transmission pump to pass thru the equipment and back to the transmission. The NEW fluid level will default to 12.0 Qts and the Waste fluid level will default to Zero Qts..



STEP 10 Shut off the vehicle, disconnect the hoses and the adapters, reattach the cooler lines to their original connections, start the car and check for leaks, recheck the transmission fluid level.







EBS ET-1 DIPSTICK EXCHANGE QUICK REFERENCE 1-1-16

ATTENTION: The initial exchange is done with the engine as all the fluid in the drain pan will be removed. Verify the engine is OFF or ON as provided below. In any case insure the vehicle is secured. Failure to do so can cause engine or property damage.


STEP 1 Connect the clear and blue hoses to the three-way dipstick flow control valve. Either side for each color. Connect the dipstick wand attachment to the dipstick flow control valve.




STEP 7 Insure adequate amount of NEW fluid for service and WASTE fluid volume for waste fluid to be removed.




STEP 2 START the vehicle, check and adjust fluid levels. Measure the vehicle's trans dipstick and note the position on the equipment dipstick hose plus 1 to 2 inches.




STEP 8 Select the DRAIN PAN function to begin the exchange process. The WASTE TANK level will go up from ZERO to the amount removed from the transmission drain pan. The unit will stop removing fluid once the pan is empty.




STEP 3 Insert the dipstick wand into the transmission fluid fill tube as far as possible into the transmission dipstick tube plus additional to reach the bottom of the drain pan.




STEP 9 The RESUME REFILL LED will begin to flash, If desired the pan can be dropped for filter or other maintenance at this time. Once completed proceed to STEP 10.




STEP 4 Turn the engine OFF



STEP 10 Press the RESUME REFILL button. The unit will refill the drain pan to the amount removed in step #8. Upon reaching this amount the ET-1 will stop filling the pan. If this is the amount of service desired PRESS the STOP button.




STEP 5 Connect the unit's power cord to a 110vac outlet. Use a heavy duty extension cord if necessary. The control pad screen should light up and then show actual old and new fluid amounts in each tank.



STEP 11 If additional fluid service is desired proceed as follows. Start the vehicle and let the vehicle idle for about one minute while shifting through the gears for at least ten seconds. Turn the vehicle engine OFF.

STEP 6 Select the DIPSTICK mode. The NEW Fluid and WASTE level indicators will default to ZERO.



STEP 12 Repeat STEP 6 thru STEP 11. Upon completion start the vehicle, check fluid levels, and adjust as necessary using the ADD or remove fluid using the DIPSTICK service tube. Remove service tubes and hoses.