

EF-100 ATF & Motor Oil Extract & Fill Machine

QUICK START INSTRUCTIONS

CONNECTION

Connect the Y-adapter to the largest of the two dipstick extraction tubes that will fit into the vehicle's dipstick tube, and fully insert the tube to the bottom of the pan.

Connect both the black and red service hoses to the Y-adapter.

Connect machine's battery cables to vehicle's battery.





EXTRACT & FILL

Open the ball valve on the black service hose, and ensure the ball valve on the red service hose is closed. **NOTE:** Failure to close the red hose ball valve will pull fluid or air from the new fluid tank.

Carefully note the fluid level on the waste tank, and then move the WASTE FLUID switch to the **EXTRACT** position. Move the switch to the **OFF** position when fluid is no longer being removed.

Close the ball valve on the black service hose.

Note the level on waste fluid tank and subtract the original waste tank level from this amount after removal. This is the amount that has been extracted from the vehicle.

Fill the new fluid tank with the same amount of fluid that was extracted in the previous step. **NOTE: Do not fill the new fluid tank with more fluid than was removed in previous step.**

Open the ball valve on the red service hose, and ensure the ball valve on the black service hose is closed.

Move the **NEW FLUID** switch to the **FILL** position. When the new fluid tank is empty, move the switch to the **OFF** position.

Remove the dipstick adapter from the dipstick tube, and close the red ball valve.

Check fluid level and top off as required.



















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DRAIN WASTE TANK

Connect the larger 3/8" I.D. red drain hose to the end of the black service hose, and open the ball valve.

While holding the end of the hose into an approved waste container, move the WASTE FLUID switch to the **WASTE TANK DRAIN** position. When the tank is empty (zero mark), move the switch to the **OFF** position.

Close the ball valve before removing the red drain hose from the black service hose.

NOTE: The gear pump protection circuit shuts off the pump if the ball valve on the black service hose is closed when draining the waste tank. If this happens, reset by moving the drain switch to the off position. Open the ball valve and resume draining the waste tank.



