

AT-1000A ATF Exchanger

The design of AT-1000 is powered by the vehicle's transmission. During the flushing and exchange process the machine doesn't need to connect to air unless using auxiliary circulation function. The design protects vehicle's transmission system by not applying force to it, which other machines may not do.

ATF Adaptors Installation Procedure

1. Check automatic transmission and identify the fluid pressure pipe that runs from the transmission to the lower radiator tank.
2. Disconnect the fluid pressure pipes, select and install suitable adaptors for the vehicle from the selection provided with the machine (see application chart). Connect both fluid drainage hose (black) and fluid supply hose (red) to the adaptors.

Note: Operator doesn't need to distinguish ATF flow direction during connecting process cause auto re-router will do the job.

Flushing Operation

1. On the control pane, choose flushing mode (arrow points upward). Place AT in the 'park' position with park brake applied for safety.
Note: Operator may add in flushing chemical to the vehicle at this stage.
2. Start vehicle engine to commence flushing process.
3. Check AT pressure from the control panel. If lower than 1.5 kg/cm^2 , choose auxiliary circulation function from the side of AT-1000 to speed up the process.
4. Shifting gear to each position (R, L, D) during the operation for 2 minutes and then shift to P position for later operation. At this stage the vehicle's transmission pump is doing the work
5. During the process, the quality of old oil can be observed from the sight tube.

Exchange Operation

1. After flushing, choose exchange mode (turn switch clockwise, arrow points to right). The new ATF is pumped into the vehicle. When observing the new fluid passing through the sight tube, the old fluid has been drained out. Shifting gear to each position and repeat the process. Mission is completed and may turn off vehicle engine. The amount of the new ATF to fill in can be monitored from the

“NEW” volume meter.

2. At the end of the exchange check the fluid level in the transmission according to manufacturers’ recommendations. If under filled additional fluid can be added via ATF ruler pipe.
3. Restore the vehicle back to normal.

Waste ATF Depleting Procedure

1. Connect drainage tube to drainage hose (black) and switch on depletion switch. The air will go into the cylinder and push out waste ATF.
2. The “USED” volume meter will show the depletion quantity.

ATF Filling Procedure

1. Open the ATF filling cup on the top of the machine.
2. Pouring new ATF through the funnel. As for the volume, referring to the “USED” volume meter.

