

Manual

Automatic Transmission Oil Exchanger (ATF-66DT)



Notice

1. Read the manual carefully before using the machine.
2. No smoking during the operation.
3. Don't use the machine near by the fire and heat source!
4. The machine can be used only in the room instead of sunshine and rain outside.
5. Turn off the power after finishing exchanging oil.
6. The flexible pipe of the machine should be stayed away from the automobile(especially radiator) when exchanging oil.
7. Keep it well ventilated when exchanging oil and personal protection measures are recommended.
8. Stay away from the car's exhaust and the radiator.
9. Pack the connector in towel to protect them against leaking oil .
10. Don't let children approach the machine.
11. The machine should be erected on the ground.
12. The work of exchanging oil should be done by automobile repairman and make sure that the oil is in good quality or our company is not responsible for any loss.

Control Panel



一、 Summary

The automatic transmission should be exchanged oil in time after driving 50-60 thousand kilometer according professional automobile survey or it is in bad condition! And it takes the automatic transmission oil exchanger less time and money in total instead of changing oil manually! What's more, it's accurate and safety to exchange oil by the machine!

The new automatic transmission oil exchanger produced by our company recently (Model: ATF-66DT) is a good choice for you! It takes the machine 20 minutes to exchange oil mostly (close to 100%) It is a good helper and convenient, automatic, humanized!

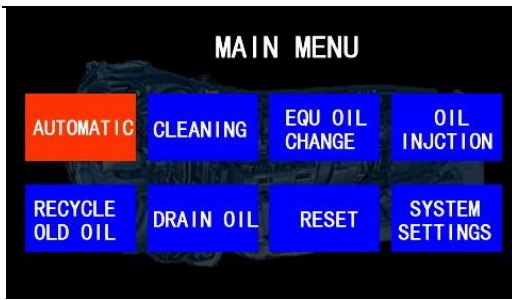
二、 Characteristic

- Intelligent operation except judging the direction of oil intake and oil discharge manually, include circular cleaning, exchanging oil, pumping oil
- Include electronic scale, exchange oil exactly
- Identify a variety of models cars whose pressure of exchanging oil is close to zero
- Overcome the problem of manual oil change incompletely
- Improve the performance of gearbox
- extend the service life of the gearbox

三、 Specification And Feature

- Working temperature: $-10^{\circ}\text{C} \sim +40^{\circ}\text{C}$
- Relative humidity: $< 85\%$
- Working pressure: $0 \sim 150\text{psi}$
- Filter Accuracy: $5 \mu\text{m}$
- Capacity: $20\text{L} * 2$
- The exchanging oil error: $\pm 100\text{g}$
- Noise: $< 70\text{db}$

四、 The main window



| Menu | Description |
|-----------------|---|
| Cyclic cleaning | cleaning the gearbox circularly |
| EQU oil change | exchange new oil and old oil equally |
| Oil injection | add new oil into the gearbox |
| Recycle old oil | reduce the old oil in the gearbox |
| Drain oil | drain out the new oil and old oil in the transmission exchanger |
| System settings | including calibrate electronic scale (automatically) ,language |

五、 Notice

1. Don't add oil into transmission when the machine is working.
2. Keep the new barrel and old barrel empty when the exchanging oil is finished and the machine is preserved.
3. Please put the machine into horizontal position for operating!
4. Don't turn off the engine and turn on it again (except an emergency) when it operates in case of the accuracy of exchanging oil!
5. The operation must be observed by a professional automobile repairman!
6. **Turn on the machine and the car,observe the old oil screen whether it flows old oil or not !Turn to the other end of the manual valve if it does't !(foremost)**

六、 Operating Produres

1. Preparation

- 1) Lift up the car until the pipes of the transmission oil exchanger can connect to the transmission!
- 2) Find the connector which is removed easily,remove it and connect to the correct adapter of the machine.Make it by yourself or ask us for help if the adapter is not suitable because the new model automobiles produced quickly!
- 3) Connect the other end of the machine's inlet pipe and outlet pipe to the other end of the connector!

-
- 4) Clamp the positive(negative) pole of the battery correctly and turn on the machine.
 - 5) Turn on the car and make sure that the pipes don't leak oil.
 - 6) Turn on the machine and make sure it is in good condition.
 - 7) **Turn on the machine and the car,observe the old oil screen whether it flows from bottom to up or not !Turn to the other end of the manual valve if it doesn't !**

2. Add the cleaning fluid and transmission oil

- 1) Add the cleaning fluid

Add an appropriate amount of cleaning fluid before making sure that the new oil barrel of the machine is empty. Notice:The concentrated cleaning fluid had better be added into the transmission or added into oil(about 1L) then start to clean circularly!

- 2) Add automatic transmission oil

Find the entrance of the new oil and add an appropriate amount of new oil!

3. (Circular) cleaning

- 1) Select the "EQU oil change" menu on the main menu,press the "OK" button,press "△" "▽" button to choose an appropriate amount of cleaning fluid!
- 2) Press the "OK" button,then select "run" menu,press the "OK" button again, add the cleaning fluid in the machine into the transmission to exchange the old oil equally(as shown below)



- 3) Turn on the car , press "ESC" button and go back the main menu,choose "cleaning" ,set the appropriate time of circularing cleaning,select "run" menu,press the "OK" button.
- 4) Change gear(stop for one minute) depends on the situation for accelerating the rate of circular cleaning,especially shift up to at least 60km/h.
- 5) The machine give out alarm sound when the time of circular cleaning is over,then press the "OK" button and turn off the car.(as shown below)



4. Circular oil exchange

- 1) Make sure that the new oil barrel is empty, add new oil into the machine from the entrance of new oil.
- 2) Turn on the car, wait for a few minutes until the temperature of transmission is ordinary.
- 3) Select “EQU oil exchange” on the main menu, press the “OK” button, set “△” “▽” button to choose an appropriate amount of oil.
- 4) The machine give out alarm sound means the oil exchange is finished. The machine will be shut down automatically if the old oil barrel doesn't inject in old oil in 40 seconds.
- 5) Check the dipstick (the oil level), make sure that it is within limits of standard (if not, reduce or add oil).
- 6) Connect the automatic transmission oil pipe well.
- 7) Turn on the car and check the pipes whether it leak oil or not.
- 8) Change gear (stop for one minute in each particular gear) depends on the situation for accelerating the rate of circular cleaning, especially shift up to at least 60km/h. (If the ABS alarm lamp lights, don't worry it's normal and erase the trouble code)

5. Adding oil

Observe the oil level (if lower than the setting standard) after EQU oil change. Select “oil Injection” on the main menu, set “△” “▽” button to choose an appropriate amount of oil, then select “run” menu, press “OK” button.



6. Reduce oil

Observe the oil level after EQU oil change. Reduce the old oil if the new oil in the transmission much more

than standard oil. First select "recycle the old oil", press "△" "▽" button to choose an appropriate amount of oil then select "start" item menu, press "OK" button.



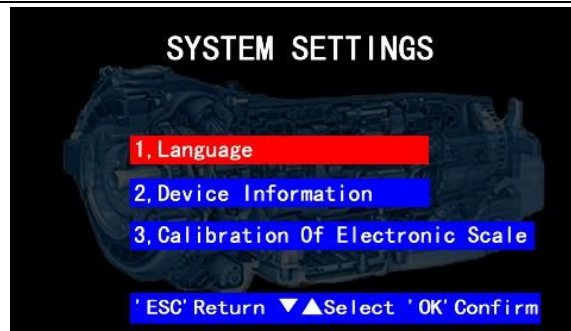
7. Oil drain exactly

- 1) Connect the transparent pipe to the "discharge from the barrel", connect the other end of the transparent pipe to the new oil barrel; select "drain oil" menu, press "OK" button.
- 2) Connect the other end of the transparent pipe to the old oil barrel; select "drain oil" menu, press "OK" button.



8. System setting

- 1) Calibrate electronic scale of the new oil barrel: select "calibrate electronic scale of the new oil barrel" menu, press "OK" button; Then put the reference object on the new oil barrel until the weight is stable, press "OK" button
- 2) Calibrate electronic scale of the new oil barrel: refer to the method above
- 3) Automatic calibration : select "automatic calibration" menu item, press "OK" button, make sure that two barrels are empty then press 'OK' button, save it and return to the main menu
- 4) Select "language" menu, press "OK" button to choose English and Chinese
- 5) More about the machine: know other messages about the machine



七、Maintenance

1. Observe whether the pipe leak oil when exchanging oil.
2. Drain out the old oil in time after finished exchanging oil and keep the new barrel empty when it is preserved
3. please keep the new barrel clean;
4. If you clean the gearbox, please use the cleaning agent recommended by our company to avoid damaging the oil valves and sealing rings in the gearbox. Please use the cleaning fluid we introduce to clean transmission in case of it damage the gearbox.

八、Adapter

- 1、 standard adapters
include 33 adapters as accessory gift
- 2、 special adapters
include common model cars' adapter (73 pcs) and purchased separately