



AUTOMATIC TRANSMISSION CHANGER
自动变速箱油更换机

AE5751



使用说明书 / User's Manual



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第一章 注意事项

重要的安全说明

- 在使用本设备之前，请仔细阅读本说明书，以便正确操作。
- 在设备使用过程中，请勿在设备附近吸烟。
- 请勿在热源和火源附近使用该设备。
- 本设备只能在室内使用，避免暴露于阳光下或被雨淋。
- 在使用结束后关闭设备电源。
- 在使用过程中软管应远离汽车转动部件和发热部分，如风扇、散热器等。
- 汽车尾气中含有多种有毒有害气体（如一氧化碳、碳氢化合物、氮氢化合物等），操作时要保持室内良好通风，并要戴好防护眼镜、防护口罩和穿好防护服。
- 汽车发动机排气管和水箱等部件温度较高，操作人员应远离发热部件，以防灼伤。
- 断开油管接头时要用毛巾捂住接头，防止自动变速箱油飞溅。
- 设备运行时，请勿让儿童或弱智人士接近设备或靠近设备。
- 本设备使用者须对自动变速箱换挡熟练，以免误操作损坏变速箱。
- 清洗换油时汽车驱动轮须处于悬空状态。
- 设备应竖直向上放置，请勿倒放或侧放。
- 设备对汽车换油时，需操作人员实时监控设备运行情况，以免设备发生故障引起变速箱的损坏。
- 对汽车自动变速箱油进行更换时，必须由专业人士操作，运行时必须专人注意设备运行情况，选用的自动变速箱油的品质必须符合被操作汽车保养手册的要求；否则由此造成的损失，本司不负任何直接或间接责任。



- 表示操作设备时需引起注意的事项。
- 表示在操作使用中有对产品损害或人身伤害的可能性。

第二章 概述

- 按照自动变速箱油更换机养护规定，汽车自动变速箱器在 5-6 万公里里程后，需进行油液更换。自动变速箱经过长时间使用，内部变速箱油将会变质，若不能及时更换自动变速箱液，将会引起变速箱工作异常。
- 现市场上的自动变速箱油更换机都不能精确控制变速箱油更换等量精度，而是由人工来调整进出油阀来控制等量换油，人工控制不当容易使油液加注过多或不足而导致变速箱损坏，油液加注过多或过少造成的自动变速箱器故障屡见不少。
- 现我公司最新研发的 AE5751 自动变速箱油更换机，15 分钟自动完成变速箱，液力变矩、变速箱散热器的高精度等量清洗换油，换油率可接近 100%，可提高时效。设备的更换等量精度控制来保障汽车自动变速箱器新旧油的更换质量，设备全自动运行，自动识别装置自动识别变速箱器进油方向，而无需操作员来判别，操作人性化，AE5751 是您最明智的选择，AE5751 是你的最得力助手。

设备的功能特性

- 全自动识别进油方向 / 智能转换自动变速箱进油方向；
- 全自动完成变速箱新旧油更换功能；
- 全自动型智能电子控制芯，旧油高精度等量交换；
- 自动识别电源正、负级；
- 自动变速箱循环清洗功能；
- 自动加注自动变速箱油功能；
- 自动减少自动变速器油功能；
- 变速箱散热器油压直观显示；

- 液晶显示，人性化操作，方便实用；
- 多种专用接头，适用欧洲，美洲，亚洲各国车系；
- 有效解决手工更换变速箱油不彻底的问题；
- 改善变速箱的工作性能；
- 延长变速箱的使用寿命。

工作环境和技术指标

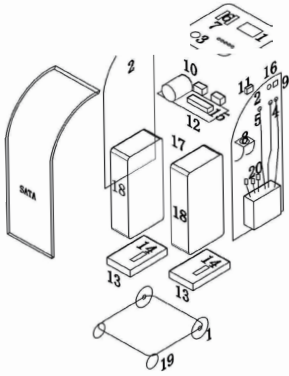
工作环境：

- 工作温度：-10 ~ +40°C
- 相对湿度：< 85%

技术指标：

- 电压：DC12V
- 最大功率：120W
- 压力表：0-150psi
- 出油管：2.25m
- 回油管：2.25m
- 排油管：1.5m
- 滤清器精度：5um
- 油箱：20L×2
- 等量更换误差：±150-200ml
- 噪音：< 70db
- 净量：60KG 正负 1KG

第三章 变速箱油更换机结构图



- | | |
|----------|-----------|
| 1 电路板 | 12 电磁阀 |
| 2 箱体 | 13 电子称支架 |
| 3 压力表 | 14 电子称传感器 |
| 4 进回油管 | 15 长方形铁块 |
| 5 排油管 | 16 12V电源线 |
| 6 视窗 | 17 内部管 |
| 7 LED灯 | 18 新旧油桶 |
| 8 加油口 | 19 轮子 |
| 9 开关 | 20 ATF快接 |
| 10 油泵 | |
| 11 方向识别器 | |

第四章 设备外观



1. 旧油视窗

2. 新油视窗

3. 显示屏

4. 按键

5. 旧油回油压力表

注：- 两条油管任意连接，不分进回油管。

- 管路连后设定好加注量，首先发动汽车，待旧油视窗油流动后再启动本机。

- 称重传感器：出厂已校对好，不需调校，特殊情况按提示操作校正。

- 设备在等量交换工作时，严禁往新油箱内添加新油，避免计量出错。

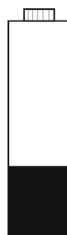
- 排油管仅在排空油箱时开启，其他时间严禁开启阀门开关。

 旧油
10. 33

[功能菜单]

 新油
12. 33


- 1 等量交换
- 2 加注新油
- 3 回收旧油
- 4 排空油箱
- 5 循环清洗
- 6 附加设置



操作菜单说明

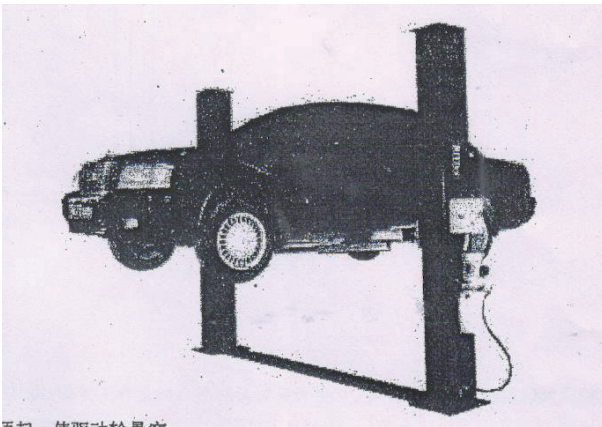
菜单项	功能说明
等量交换	等量更换自动变速箱油
加注新油	增加自动变速箱内的油量
回收旧油	减少自动变速箱内的油量
排空油箱	排空设备内剩余新油或旧油
循环清洗	对自动变速器循环清洗
附加设置	对系统参数进行修改，如标定电子称

注意

- 在设备运行过程中，严禁从加油口加入自动变速器油或清洗剂
- 设备存放时，设备新旧油箱严禁存有油液，旧油在设备工作完成后，应马上排出到其它容器，以免影响到设备的更换等量的精度。
- 设备运行时，应放于水平位置运行，以防设备油泵吸不干净油箱内的油液
- 在设备在等量更换自动变速器油过程中，除紧急情况外，应避免将发动机熄火再启动，防止发动机启动时电压波动过大，影响等量精度。
- 汽车在换油过程中，需人员监控更换情况。

第五章 具体操作说明

举车（将汽车可靠顶起，使驱动轮悬空）



连接管路

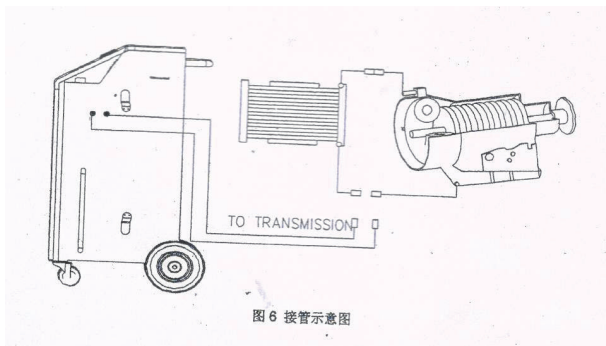
- 找到车辆便于拆装的一条自动变速箱与散热器连接的油管，并从接头盒内找到与拆下的接头相配的接头连接（由于车型不断更新或汽车发动机设计时接头位置不够，有部分车型与设备接头连接不上，设备接头不能保证配有 100% 与汽车相配的接头，可自行加工或咨询本公司）。
- 将 AE5751 上的的两根油管与拆开的自动变速箱油管的两端相连（不必考虑其流向）。

连接电源

- 将设备电源线连接至汽车电瓶两个极柱上（DC12V，设备可自动识别极性）

检查确认

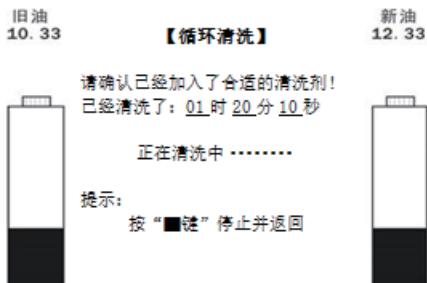
- 启动发动机，确认管道连接可靠、无泄漏。
- 打开 AE5751 开关，确认设备电源正常。



加液

- 加波箱油
- 准备进行自动变速箱更换工作时，从加液口加入准备更换的新油。

循环清洗

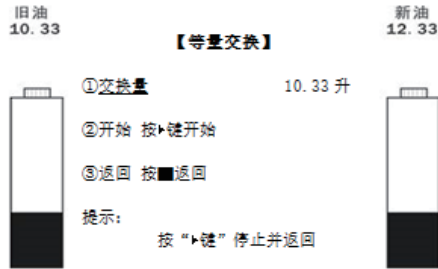


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将清洗剂加入自动变速箱

- 选择住菜单中的“循环清洗”功能。
- 选择“运行”即可将新油箱中的清洗剂加入变速箱并且等量更换出与清洗剂同样多的变速箱油。
- 加入清洗剂后，在发动机运行状态下，选择循环清洗，并开始计时，自动变速箱便开始通过 AE5751 进行循环，并将清洗下来的杂质通过设备过滤器过滤。为加快循环速度，可视情况进行换挡操作。（可选择每次换挡约停留一分钟左右，在高速档工作时，加油门使车速达 60 公里 / 小时以上，以保证清洗质量）
- 循环清洗约 5 分钟后，即可关闭发动机结束循环清洗。

更换自动变速箱油

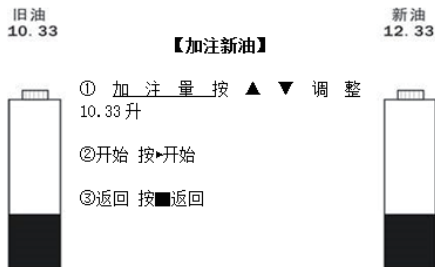


- 向设备加入新的自动变速箱油。
- 启动汽车，
- 设定更换量：液晶屏显示的是新油箱内的全部油量，可选择全部也可按更换量的要求按▲▼键进行调整。
- 按▶键进行自动变速油更换，同时启动汽车。当更换完毕后，设备声音报警，设备将自动进入循环状态，液晶显示屏示完成，虽然设备可保证精确等量交换，但由于在更换前自动变速箱油位有可能不在正常范围，所以在更换完成后请检查变速箱油位，如不在油尺或油液观察孔（请参照汽车检修指导书标准）标准范围内，使用增加油量或减少油量功能调整自动变速器油位至标准油位。
- 恢复好变速箱散热油管。
- 启动发动机，检查汽车管路是否有渗漏现象。

注意：

- 更换时应应对不同的档位进行切换，视情况而定，每次换档约一分钟左右。在高档工作时你，加油门时速达 60 公里 / 小时以上，才能更换高档控制油路的自动变速箱油（此过程完成后，装有电控 ABS 的汽车 ABS 故障灯油可能亮起，这是由于车辆被举升后，驱动轮的 ABS 轮速传感器检测到两轮转速超出正常范围，此是正常现象，换油完成后，有需要的情况下可按正常消码程序清除故障码）
- 为了保障更换质量，设备内的新油应比汽车变速箱总油量多 2-3L

增加自动变速箱油液位

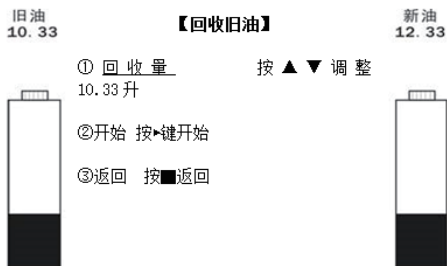


增加油量：

当需要提高自动变速箱油位或往变速箱内加油时，可选择此操作。

- 选择加注新油功能，▲▼键进行调整所需要增加量，按▲键运行增加可使变速箱液位升高

减少自动变速箱油液位

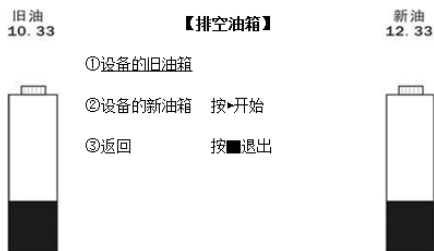


减少油量:

如果检查过程中自动变速箱油量多于标准, 欲减少变速箱中的油量 [降低变速箱油位]

- 选择回收旧油功能, ▲▼键进行调整所需要减少量, 按▶键运行, 可使变速箱液位下降。

排空设备新、旧油箱



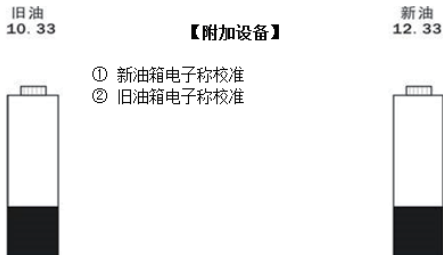
排空设备新油箱

- 确定油管未与汽车连接。
- 将排油管上的手动阀打开并放于存放新油的容器内。
- 设备选择排新油, 如上图。
- 按▶, 设备将运行排新油。

排空设备旧油箱

- 确定油管未与汽车连接。
- 将排油管上的手动阀打开并放于存放旧油的容器内。
- 设备选择排旧油, 如上图。
- 按▶, 设备将运行排旧油。

附加设备



- 在主菜单选择附加设备菜单, 在附加设置子选项中按▲键选择所需设备项

- 按菜单提示操作

第六章 保养与维护

- 换油时注意各连接处是否漏油。
- 每次操作完设备存放时设备旧油箱内废油要及时排出设备，新油以容器保存，以保护电子称在非工作下处于空载状态。
- 保持新油桶的清洁。

第七章 故障排除

开机无显示

- 保险丝熔断
- 电源开关失效
- 如线束无损坏，就可判断电路板损坏

解决方法：

- 更换保险丝
- 维修或更换开关
- 维修或更换线束，更换电路板
- 电子称有误差时，可一键清零校准

更换不成功

- 电子称标定不好
- 元器件（电磁阀与油泵）失效
- 未能按操作规范操作，如：运行过程中加入新油，用手按过油箱
- 新油未能加出去，油泵没能吸到新油
- 旧油未能回到旧油箱

解决方法：

- 重新标定电子称
- 确定元器件，更换或维修
- 按操作规范操作
- 油管是否插到桶的最低点，调整油管位置，使油管插到桶的最低点，如确定插到了最低点，可使用以下方法将油泵管路空气排出：
 - a. 将汽车熄火
 - b. 打开手阀，并将手阀放进加油口
 - c. 运行排新油功能，运行 3 秒停止，再运行 3 秒，再停止，重复三至四次，直至油泵完全将管路空气排完并吸到油
- 旧油没有回到旧油箱，可能是自动变速箱老化，油压不够，压力低于 0.5kg 此变速箱老化无油压，设备不能更换

排新油不成功

- 油泵抽不到油，油管未能插到桶底，与设备原来安装位置移动。
- 油泵不工作

排旧油不成功

- 抽油换向阀失效
- 油管未能插到桶底，与设备原来安装位置移动。
- 油泵不工作

不能增加油量

- 油泵抽不到油，油管未能插到桶底，与设备原来安装位置移动
- 油泵失效



不能减少油量

- 旧油换向阀不工作或者损坏

待机中, 新油箱油量增多

- 单向阀失效, 维修或更换单向阀

第八章 配置明细表

序号	图片	尺寸规格	适用车型	数量
1		φ16X78.7 气嘴 (φ12.6)	大切诺基 8HP	2 个
2				
3		H13X77 插管接头	共用接头 [插软管端]	2 个
4				
5		φ16X78.7 气嘴 (φ12.2)	传琪 55-51SN, 路虎 5.0L	2 个
6				
7		φ16X74.7 气嘴 (φ14.2)	路虎发现 4	2 个
8				
9		H13XM12X1.5 气嘴	大众系列	2 个
10				
11		H17XM12X1.5 气嘴	别克 (大众宝来波)	2 个
12				

13		Q22X48 气嘴	别克 宝马系	2 个
14				
15		两分内外牙 (圆头)	克莱斯勒	2 套
16				
17		两分内外牙 (平头)	奥迪 Q5	1 套
18		两分内外牙 (平头)	路虎等	1 套
19		M16X1.5	大众系列	1 套
20		M18*1.5mm 内凹 M18*1.5mm 外凸	奥迪 A6/A6L 帕萨特	1 套
21		M18*1.5mm 外凹 M18*1.5mm 内凸	奥迪 A6/A6L 帕萨特	1 套
22		油路分叉嘴 M14X1.5	路虎、凯越、老君威、传祺、 老皇冠、锐志	1 套
23		Φ20x45 气嘴	宝马 途观 1.8T	1 个

24		φ22x45 气嘴	别克凯越, 老君威 广汽传祺, 老款皇冠锐志	1套
25				
26		1/8-28 牙气嘴	大众系列	1个
27		M12X1.5 气嘴	大众	1个
28		φ14x73 气嘴	福特福克斯	1个
29		M18X1.5 气嘴	大众标志	1个
30		M18X1.5 气嘴	途观 1.8	1个
31		M14X1.5 气嘴	大众系列	1个
32		φ16X74.7 气嘴 [φ12.2]	福特野马	1个
33		φ14x53 气嘴 [φ94]	别克凯越 (插水箱端, 另一端用 A6 号接头)	1个

34		60x36 M6X1X46	宝马配件	1套
35		胶垫 $\phi 15$ $\phi 12$ $\phi 9.7$	配件	6个
36		不锈钢	弹弓配件	1个
37		20PP	母头接管	1条
38		内径 $\phi 8 \times 20$	共用软管接头	4条
39				
40				
41				
42		内径 $\phi 10 \times 20$	共用软管接头	2条
43				

Chapter I PRECAUTIONS

Safety Instructions

- Please read this manual carefully before using this equipment for proper operation.
- Do not smoke near the device while the device is in use.
- Do not use the device near heat sources and sources of ignition.
- This device can only be used indoors to avoid exposure to the sun or rain.
- Turn off the power of the device after the end of use.
- Keep the hose away from the rotating or high-temperature parts of the cars, such as fans and radiators.
- Automobile exhaust contains a variety of toxic and harmful gases (such as carbon monoxide, hydrocarbons, nitrogen and hydrogen compounds, etc.), keep indoors well-ventilated during operation, and wear protective glasses, protective masks, and protective clothing.
- The temperature of the exhaust pipe and water tank of the automobile engine is high, and the operator should keep away from the heat-generating parts to prevent burns.
- When disconnecting the tubing connector, use a towel to cover the connector to prevent the automatic transmission oil from splashing.
- Do not allow children or mentally handicapped persons to access the device or be close to the device while the device is running.
- Users of this equipment must be skilled in shifting the automatic transmission to avoid damaging the transmission by mistake.
- Make sure the car wheels leave the ground when cleaning and changing the oil.
- The device should be placed upright and should not be placed upside down or sideways.
- When the equipment is changing oil for the car, the operator needs to monitor the operation of the equipment in real-time to avoid damage to the gearbox caused by equipment failure.
- When replacing the automatic transmission oil of the car, it must be operated by a professional. During operation, pay attention to the operation of the equipment. The quality of the selected automatic transmission oil must meet the requirements of the car maintenance manual; otherwise, our company does not bear any direct or indirect responsibility for your lost.



- Indicates matters needing attention when operating the device.
- Indicates the possibility of product damage or personal injury during use.

Chapter II Overview

- According to the maintenance regulations, the automatic transmission of the car needs to replace after 5-6 million kilometers. After a long time of using the automatic transmission, the internal transmission oil will deteriorate. If not replace the automatic transmission fluid in time, the transmission may work abnormally.
- The automatic transmission oil changer on the market cannot accurately control the accuracy of the transmission oil replacement. Instead, the oil inlet and outlet valves are manually adjusted to control the oil exchange. If the manual control is improper, the oil can be overfilled or insufficient damage to the transmission, and automatic transmission failure caused by too much or too little oil is often seen.
- Our company's newly developed AE5751 AUTO-TRANSMISSION FLUSH MACHINE--15 minutes automatic completion of the gearbox, hydraulic torque, gearbox radiator high-precision equivalent oil change, oil change rate can be close to 100%, significantly improve the efficiency. The equipment is replaced with the same amount of precision control to ensure the replacement quality of the old and new oil of the automatic transmission of the car. AE5751 has the automatic operation of the equipment. The automatic identification device automatically recognizes the direction of the gearbox in and out of the oil, without the operator to judge. The operation is user-friendly. The AE5751 is Your most sensible choice, AE5751 is your best assistant.

Functional Characteristics

Fully automatic identification of oil inlet and outlet direction / intelligent conversion of automatic gearbox inlet and outlet direction;

- Fully complete the new and old oil replacement function of the gearbox;
- Fully automatic intelligent electronic control core, high-precision equivalent exchange of old oil;

- Automatically identify the positive and negative power supplies;
- Automatic transmission cycle cleaning function;
- Automatically fill automatic transmission oil function;
- Automatically reduce the automatic transmission oil function;
- The transmission radiator oil pressure is visually displayed;
- The LCD display, user-friendly operation, convenient and practical;
- A variety of special joints for European, American, Asian car systems;
- Effectively solve the problem of incomplete replacement of the transmission oil by hand;
- Improve the working performance of the gearbox;
- Extend the life of the gearbox.

Working Environment

Working temperature: -10 ~ +40°C

Relative humidity: < 85%

Technical indicators:

Voltage: DC12V

Maximum power: 120W

Pressure gauge: 0-150psi

Oil pipe: 2.25m

Oil return pipe: 2.25m

Oil drainpipe: 1.5m

Filter accuracy: 5um

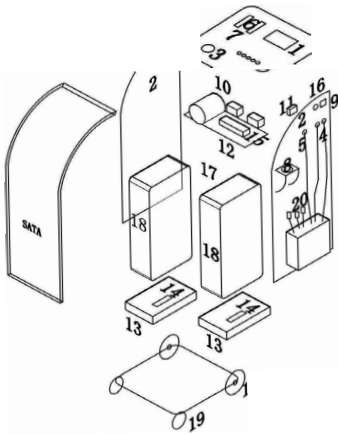
Fuel tank: 20L × 2

Equal replacement error: ±150-200ml

Noise: <70db

Net amount: 60KG +/- 1KG

Chapter III AUTO-TRANSMISSION FLUSH MACHINE STRUCTURE DIAGRAM



- | | |
|-------------------------|---------------------------|
| 1 Circuit Board | 12 Electric pump |
| 2 Case | 13 Sensor holder |
| 3 Pressure Gauge | 14 Sensor |
| 4 Inlet-oil return pipe | 15 Rectangular iron block |
| 5 Oil drain pipe | 16 12V Power cable |
| 6 Window | 17 Internal pipe |
| 7 LED Light | 18 Fuel tank |
| 8 Gas port | 19 Wheel |
| 9 Switch | 20 ATF fast interface |
| 10 Oil pump | |
| 11 Direction recognizer | |

Chapter IV Exterior



1. Old oil window

2. New oil window

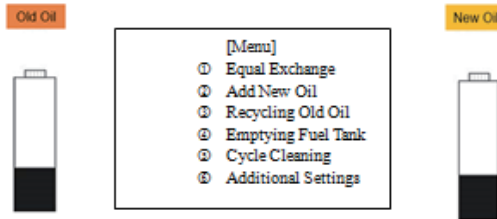
3. Monitor

4. Button

5. Old oil return pressure gauge

Note: - The two oil pipes are connected freely. There is no specific “in” or “back” oil pipes.

- After the pipeline is connected, set the amount of filling, first start the car, and then start the machine after the old oil window oil flows.
- Weighing sensor: The factory has proofread the data, no need to adjust, if there are exceptional circumstances, follow the prompts to operate the correction.
- When the equipment is performing the same amount of exchange work, it is strictly forbidden to add new oil to the new fuel tank. This is to avoid measurement errors.
- The drainpipe can only open while the tank is drained. It is strictly forbidden to open the valve switch at other times.



Operation Menu Description

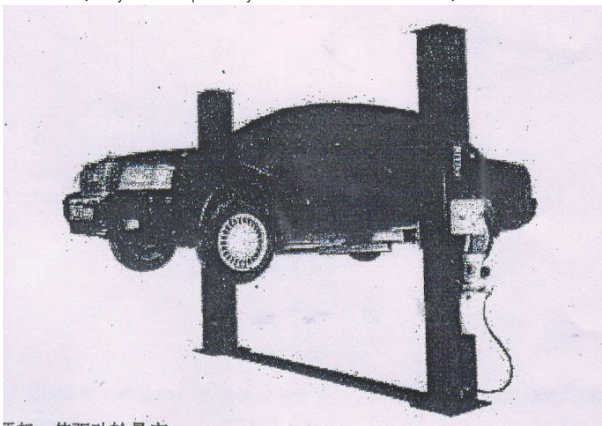
Menu	Function
Equal exchange	Equal replacement of automatic transmission oil
Add new oil	Increase the amount of oil in the automatic transmission
Recycling old oil	Reduce the amount of oil in the automatic transmission
Emptying the fuel tank	Empty the remaining new or old oil in the equipment
Cycle cleaning	Automatic transmission cycle cleaning
Additional settings	Modify the system parameters, such as calibrating the electronic scale.

Note:

- It is strictly forbidden to add automatic transmission oil or cleaning agent from the fuel filler port during the operation of the equipment.
- When the equipment is stored, the old and new fuel tanks of the equipment are strictly prohibited from storing oil. After finish using the equipment, the old oil should be discharged to other containers immediately so as not to affect the accuracy of the equipment.
- When the equipment is running, do not place it in a horizontal position. To prevent the equipment failure in pumping the entire old oil out.
- When the equipment is in the process of equally replacing the automatic transmission oil (unless in an emergency), the engine should be prevented from being restarted. Otherwise, the voltage fluctuation of the engine may be too large, which affects equal accuracy.
- In the process of the oil change, the car needs to monitor the operation in real-time.

Chapter V Preparation Before Operation

Lift the car (carry the car up reliably and let the drive wheel float)


Connect the Pipes

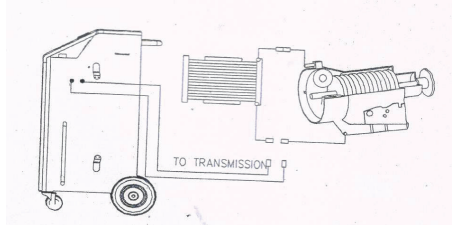
- Locate the oil pipe connected to the radiator by an automatic transmission that is easy to disassemble, and find the joint connection with the removed joint from the joint box. (Because the model is continuously updated or sometimes the position of the joint is not enough; as a result, some models cannot connect to the equipment connector. The equipment connector is not guaranteed to be 100% matched with the car. Users can make a suitable connector by themselves or consult the company.)
- Connect the two oil pipes on the AE5751 to the ends of the disassembled automatic transmission tubing (regardless of its flow direction).

Connect the Power

- Connect the device power cord to the two poles of the car battery [DC12V, the device automatically recognizes the polarity]

Confirmation

- Turn on the engine and confirm that the pipe connection is reliable and there is no leakage.
- Turn on the AE5751 switch and confirm that the device is powered.

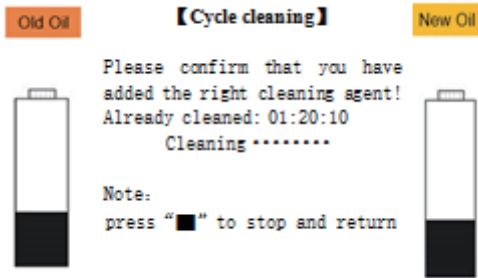


tube connection diagram

Oil Filling

- Adding gearbox oil
- When preparing for automatic gear change, add new oil from the fill port.

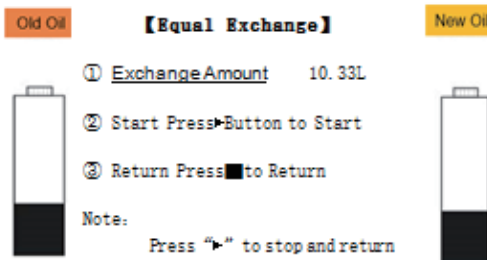
Cycle cleaning



Add cleaning agent to the automatic gearbox

- Select the "Cycle Cleaning" function in the menu.
- Select "Run" to add the cleaning agent in the new tank to the gearbox and replace the same amount of gearbox oil as the cleaning agent.
- After adding the cleaning agent, when the engine is running, select the cycle cleaning and start timing. The automatic transmission starts to circulate through the AE5751, and the cleaned impurities are filtered through the equipment filter. In order to speed up the cycle, shifting operations can be performed as appropriate. (You can choose to stay for about one minute for each shift. When working at high speed, the throttle will make the speed exceed 60 km/h to ensure the cleaning quality.)
- After the cycle cleaning for about 5 minutes, the engine can be shut down and the cycle cleaning is completed.

Replace the automatic transmission oil



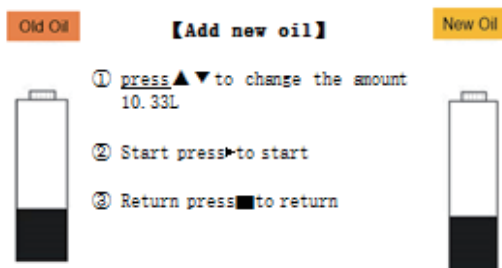
- Add new automatic transmission fluid to the unit.

- Start the car,
- Set the replacement amount: The LCD screen displays the total amount of oil in the new fuel tank. You can select all or press the ▲▼ key to adjust the replacement amount.
- Press the ► button to start the automatic oil change and start the car at the same time. After the replacement completed, the device sounds alarmed, the device will automatically enter the loop state, and the LCD screen displays "Complete." Although the device can guarantee accurate and equal exchange, the automatic gearbox oil level may not be in the normal range before replacement, so after the replacement is completed, please check the transmission oil level. If it is not within the standard of the dipstick or the oil observation hole (please refer to the standard of the vehicle maintenance guide), use the function of increasing the fuel quantity or reducing the oil quantity to adjust the oil level of the automatic transmission to the standard oil level.
- Restore the gearbox cooling oil pipe.
- Start the engine and check the car line for leaks.

Notice :

- When changing, different gears should be switched, depending on the situation, each shift is about one minute. When working at high speed, you can change the automatic transmission oil of the high-speed control oil circuit when the throttle speed reaches 60 km/h or more. (After this process, the ABS fault lamp oil with the electric control ABS may light up. It is because the ABS wheel speed sensor of the drive wheel detects that the two-wheel speed is out of the normal range after the vehicle is lifted. This is a normal phenomenon. After the oil change is completed, the fault code can be cleared according to the regular code-breaking program if necessary.
- To guarantee the quality of replacement, the new oil in the equipment should be 2-3L more than the total oil of the automobile transmission.

Increase automatic transmission oil level

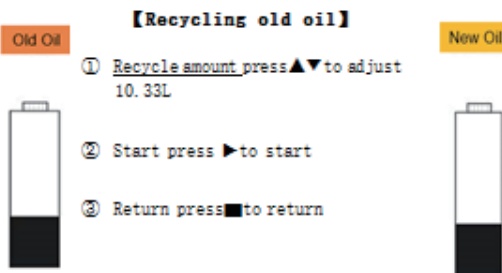


Increase the amount of oil:

This can be selected when you need to increase the automatic transmission oil level or refuel in the transmission.

- Select the add new oil function, ▲▼ key to adjust the amount of increase required, press ▲ key to increase liquid level

Reduce automatic transmission oil level

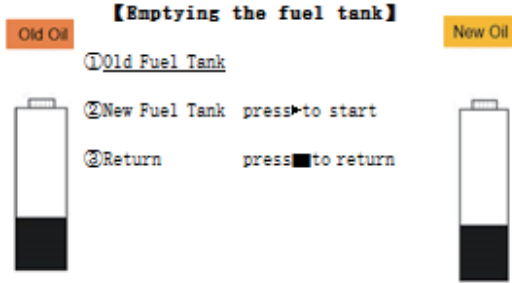


Reduce the amount of oil:

If the automatic transmission oil is more than standard during the inspection, it is necessary to reduce the amount of oil in the transmission (lower the transmission oil level)

- Select the function of recycling old oil, ▲▼ key to adjust the amount needed to reduce, press ► key to run, the gearbox liquid level will drop.

Empty new and old fuel tanks



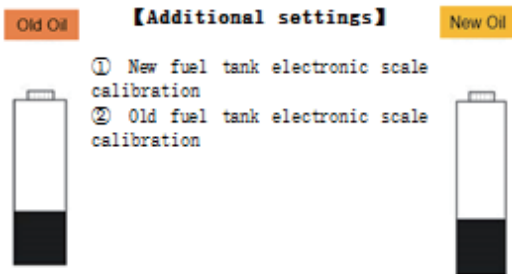
Emptying the new fuel tank

- Make sure the tubing is not connected to the car.
- Open the manual valve on the drain tube and place it in a container for new oil.
- The equipment is selected to drain new oil, as shown above.
- Press ▶ and the device will run a new oil.

Emptying the old fuel tank

- Make sure the tubing is not connected to the car.
- Open the manual valve on the drain tube and place it in a container for old oil.
- The equipment is selected to drain old oil, as shown above.
- Press ▶ and the device will run a old oil.

Additional Settings



- In the main menu, select the additional setting menu, press the ▲ key in the additional settings sub-option to select the demand device item.
- Follow the operation menu

Chapter V Maintenance

- When changing oil, pay attention to whether there is oil leakage at any joint.
- The waste oil in the old fuel tank should be discharged out of the equipment in time before the equipment is stored. The new oil is stored in the container to protect the electronic scale from being unloaded under non-working conditions.
- Keep the new fuel tank clean.

Chapter VI Troubleshooting

Boot no display

- The fuse is blown
- Power switch failure
- If the harness is not damaged, you can judge the board damage.

Solution:

- Replace the fuse
- Repair or replace the switch
- Repair or replace the wiring harness and replace the circuit board
- When the electronic scale has an error, the calibration can be cleared by one button.

Replacement is not successful

- Electronic scale calibration is not good
- Components (solenoid valve and oil pump) are invalid
- Failure to operate according to the operation specifications, such as: adding new oil during operation, pressing the fuel tank by hand
- The new oil failed to be added, and the oil pump failed to absorb the new oil.
- Old oil failed to return to the old tank

Solution

- Recalibrate the electronic scale
- Identify components, replace or repair
- Operate according to the operation specifications
- Whether the oil pipe is inserted into the lowest point of the barrel, adjust the position of the oil pipe, and insert the oil pipe into the lowest point of the barrel. If it is determined to be inserted at the lowest point, the following method can be used to discharge the air of the oil pump line
 - a) Turn off the car
 - b) Open the hand valve and put the hand valve into the fuel filler
 - c) Run the new oil function, stop for 3 seconds, run for another 3 seconds, stop again, repeat three to four times, until the oil pump completely drains the pipeline and sucks the oil.
- The old oil does not return to the old fuel tank. It may be that the automatic transmission is aging; the oil pressure is not enough; the pressure is lower than 0.5kg. The gearbox is aging without oil pressure, and the equipment cannot be replaced.

New oil emptying failed

- The oil pump can't draw oil, the oil pipe can't be inserted into the bottom of the bucket, and it moves with the original installation position of the equipment.
- The oil pump does not work

Old oil emptying failed

- Pumping reversing valve failure
- The tubing failed to be inserted into the bottom of the bucket and moved with the original installation position of the device.
- The oil pump does not work

Can not increase the amount of oil

- The oil pump can't pump oil, the oil pipe can't be inserted into the bottom of the bucket, and the original installation position of the equipment moves.
- Oil pump failure

Can not reduce the amount of oil

- Old oil reversing valve does not work or is damaged

In standby, the new fuel tank has increased oil volume.






- Check valve fails, repair or replace the check valve

Chapter VII CONFIGURATION LIST

No	Pic	Size	car	amount
1		φ16X78.7 Gas nozzle (φ12.6)	Jeep 8HP	2
2				
3		H13X77 Intubation connector	Shared connector	2
4				
5		φ16X78.7 Gas nozzle(φ12.2)	Chuanqi 55-51SN Land Rover 5.0L	2
6				
7		φ16X74.7 Gas nozzle(φ14.2)	Land Rover	2
8				
9		H13XM12X1.5 Gas nozzle	Volks wagen	2
10				
11		H17XM12X1.5 Gas nozzle	Buick (Volkswagen Borabo)	2
12				
13		Q22X48 nozzle	Buick BMW	2
14				

15		Two points inside and outside teeth (round head)	Chrysler	2
16				
17		Two points inside and outside teeth (flat head)	Audi Q5	1
18		Two points inside and outside teeth (flat head)	Land Rover	1
19		M16X1.5	Volks wagen	1
20		M18*1.5mm inside Concave M18*1.5mm outside Convex	Audi A6/A6L Passat	1
21		M18*1.5mm outside Concave M18*1.5mm inside convex	Audi A6/A6L Passat	1
22		Oil fork M14X1.5	Land Rover, Excele, Old Regal, Chuanqi Old Crown, Reiz	1
23		φ20x45 Gas nozzle	BMW Tiguan 1.8T	1
24		φ22x45 Gas nozzle	Buick Excele, Old Regal Guangqi Chuanqi, Old Crown Reiz	1
25				

26		1/8-28 Gas nozzle	Volks wagen	1
27		M12X1.5 Gas nozzle	Volks wagen	1
28		φ14x73 Gas nozzle	Ford Fox	1
29		M18X1.5 Gas nozzle	Volkswagen Peugeot	1
30		M18X1.5 Gas nozzle	Tiguan 1.8	1
31		M14X1.5 Gas nozzle	Volks wagen	1
32		φ16X74.7 Gas nozzle (φ12.2)	Ford Mustang	1
33		φ14x53 Gas nozzle (φ9.4)	Buick Excele (plugged in the tank,The other end uses the A6 connector)	1
34		60x36 M6X1X46	BMW accessories	1

35		Rubber pad $\phi 15$ $\phi 12$ $\phi 9.7$	accessories	6
36		stainless steel	Slingshot accessories	1
37		20PP	Original connecting tube	1
38		Inner diameter $\phi 8 \times 20$	Shared hose connector	4
39				
40				
41				
42		Inner diameter $\phi 10 \times 20$	Shared hose connector	2
43				

用户须知 User Notice

亲爱的用户：

您好！感谢您选用我公司的产品，从现在开始，我公司将竭诚为您服务！

- 由于空间的距离，产品经过运输和装卸的震荡，而且因产地和您所在地的气候不同，以及产品在贵处的使用条件，使用方法不当等诸多因素的影响，可能出现一些意想不到的问题，这时请给我们来函或来电，详细说明故障情况，我公司将邮寄您所需的零部件，或派维修技师跟踪维修服务。

保修声明：

- 产品从购买之日起，在正常使用情况下壹年内如果出现质量问题，我公司负责保修或根据情况作适当处理。

- 超过保修期，或除保修范围之外的情况，可适收取成本费。

- 虽在保修期间，若有下列状况恕不免费维修：

1. 非专业人员不合理的修整，或不按说明书操作、保养所造成的损失。本公司不负责保修，但将协助妥善处理。
2. 由于天灾、移动、运送、跌落及使用电源电压异常造成故障。
3. 消耗性零件，恕不保证。

Dear Customer:

Hi! Thank you for choosing our products. From now on, we will serve you wholeheartedly!

- Because of the distance, the product transportation and handling process shock, the climate differences, the use of the product in your place, the use of improper factors, and other factors, there may be some unexpected problems. Please send us a letter or call to explain the fault situation, our company will mail the parts you need, or send a service technician to track the repair service.

Warranty statement:

- From the date of purchase, if there is a quality problem within one year under regular use, our company is responsible for the warranty or appropriate treatment according to the situation.

- If it is beyond the warranty period, or the problem is out of the warranty cover range. We may charge a fee for the repairment depends on the situation.

- Although during the warranty period, the following conditions are not free of charge:

1. The company is not responsible for the damage caused by the unreasonable repair of non-professionals, or the loss caused by the operation and maintenance of the instructions, but will assist in the proper handling.
2. Failure due to natural disasters, movement, transportation, dropping, and abnormal use of the power supply voltage.
3. Consumable parts are not guaranteed.

适用型号: AE5751
Model

版本号: V_AE_5751_1912
Version No

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