

Hydraulic Transmission Tester



Test the transmission with fluid under pressure, the Hydraulic Tester simulates operating conditions in the unit and finds problems instantly. The Hydraulic Tester finds hidden defects in soft parts or can alert you to hard parts that have grown out of tolerance. A simple hook up to a unit test plate and the reading of a single gauge allows you to test a transmission in or out of the vehicle

Part No. TOOL.139

**Unit Test Plates available for many transmissions
See individual sections for part numbers.**

Spare Parts For Use With TOOL139

Spare Gauge Assembly

Part No. TOOL.145

Spare Nipple for test plates

Part No. TOOL.147

Rubber Adaptor for Pistol

Part No. TOOL.170

Leaver Release Valve

Part No. TOOL.171

Transmission Filling Tool



It is becoming far less common for transmissions to be provided with filler tubes and dipsticks, most recent units have to be filled via a filler / level bung in the sump pan. Finding methods to force fluid into the transmission in this way can be messy and time consuming, this tool has been specifically designed to make the job easier and cleaner. The tool consists of a 10 litre fluid pump and a set of 10 adaptors, the pump and adaptors are also available separately, so if you need to extend the usefulness of the tool by adding extra pumps or adaptors this can easily be done.

Part No. TOOL.201

Accessories for Transmission Filling Tool



Pumps:

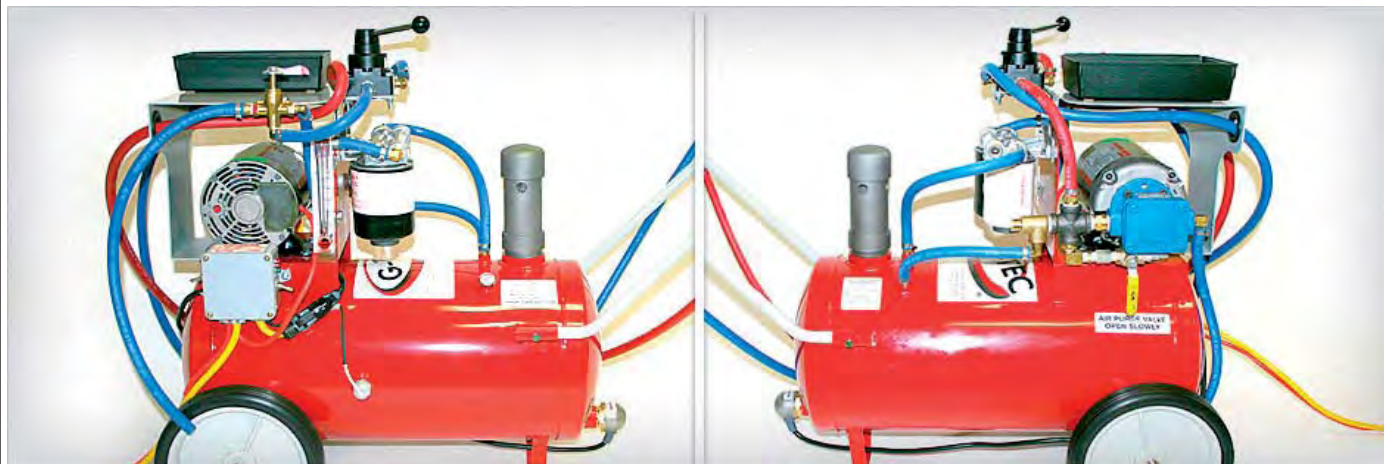
Pump Assembly 5ltr
Pump Assembly 10ltr

Part No. TOOL.202
Part No. TOOL.203

Adaptors:

Audi/VW	01M Etc.	<i>Part No. TOOL.205</i>
Audi/VW	DSG (02E)	<i>Part No. TOOL.206</i>
Audi/VW	01J (Multitronic)	<i>Part No. TOOL.207</i>
BMW	CVT	<i>Part No. TOOL.208</i>
Ford/Jaguar	5R55N/W	<i>Part No. TOOL.209</i>
Mercedes	722.9	<i>Part No. TOOL.210</i>
Opel/Vauxhall	4L30E	<i>Part No. TOOL.211</i>
Opel/Vauxhall/Volvo	AW 6 Speed	<i>Part No. TOOL.212</i>
Renault	DP0	<i>Part No. TOOL.213</i>
Renault	DP0-2	<i>Part No. TOOL.214</i>

G-TEC Cooler Flusher



This Heated Cooler Line Flusher, cleans out the cooler lines and heat exchanger prior to installing a rebuilt or new transmission; a process which has been proven to minimize the likelihood of repeat repairs. This special tool removes contamination in the cooling system by melting down waxy varnish residue from burnt ATF and by purging the metal particles, clutch materials, and other contaminants from the system. Only by heating the cooling system back to high temperatures will the exchanger expand releasing the debris into the flow of pulsating hot oil.

The 7AR Flusher comes with an air injection which allows the user to shoot air through the lines before flushing to blow out debris. Most importantly, sending a continuous blast of scrubbing air bubbles through the lines during flushing will help clean the system faster, saving labor time. According to tests conducted by the American Honda Tool division, using the air injection reduced flushing time by as much as 75%. Finally, the air injection can be used to clear and dry out the lines after flushing.

The 7AR also comes with a reverse valve eliminating the need to turn off the flusher and manually switch the hoses to reverse the flow of the hot oil while flushing.

The 7AR features a motor shield which also serves as a hose guide and a deeper tool tray to hold all the adapters that come with the 7AR.

The 7AR features include:

- 10 gallon all-steel low profile tank powder coated for durability
- Auto-controlled 1500 Watt internal tank heater keeps the fluid at the optimum temperature to clean the cooling system while conserving energy
- 1 inch gauge for monitoring the temperature of the fluid in the flusher's tank
- The low fluid safety (float) switch prevents damage to the heater by cutting power to the heater when the fluid level in the tank drops too low- illuminating a red warning light on the electrical box
- Sealed heavy duty switches with green indicator lights
- 1750 ppm (pulses per minute) pulsating pump with a pressure relief valve and a commercial-grade motor with a 1/2 hp service factor
- 10 inch semi-pneumatic rubber tires for easy mobility
- Two absorption filters: one magnetic bypass spin on filter and one magnetic non-bypass spin on filter
- 1 inch drain plug allows quick and easy cleaning of tank
- Motor shield reduces noise and tool tray holds adapters
- Two rubber grommets for the hoses to pass through thus preventing damage from vibration
- Hydraulic purge valve prolongs the life of the filters and fluid (meets OSHA requirements)
- Two 8 foot hoses with quick disconnect couplings
- 5 gpm flowmeter shows any system blockages or restrictions
- Longer handle for easy mobility
- Air injection system
- Reversing valve

Part No. TOOL.177



AUTOMATIC CHOICE



THE AUTOMATIC TRANSMISSION PARTS WAREHOUSE

DIAGNOSTIC & TEST EQUIPMENT

Fluid Exchanger, With European Adaptors



The most technologically advanced transmission machines in the industry. ATX-2 is a fully automatic system that can service a vehicle in 2-5 minutes. The ATX-2PS offers the automatic transmission fluid exchange service as well as the power steering system which comes as a combo unit.

[Click here for demonstration video](#)

Part No. TOOL.ATX

Cooler Flusher adaptor for Banjo Fittings



Adaptor for Banjo fittings, converting them to a standard type fitting to facilitate easy flushing of cooling systems

Part No. TOOL.48

Life® Transmission Flush Fitting Kit



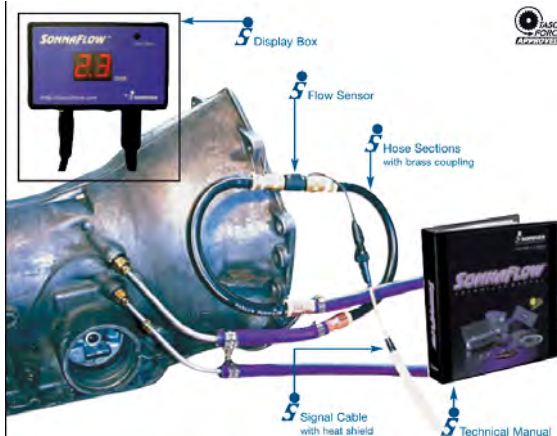
Life Automotive Products has just made your job a lot easier with this complete cooler line fittings kit. No more searching the tool box for the right adapter or guessing if the fitting is the right size. All the fittings in our kit adapt to the 5/16 fitting on our TRANS FLUSH can and allows you to adapt to almost every cooler line fitting size. This complete fittings kit includes: 8 fittings, 2 hoses & 2 clamps.

- Adapts to 80% of cooler line fitting sizes.
- Comes complete with 8 fittings, 2 hoses & clamps.
- Simply connects to Trans Flush #2001.

Part No. TOOL.54

SonnaFlow® diagnostic kit

This tool measures cooler flow in gallons per minute



Sonnax offers the SonnaFlow® diagnostic tool for measuring ATF cooler flow rates. The SonnaFlow tool kit includes a meter with large display numbers and a low-flow warning light, technical manual, a starter kit of fittings, a detachable power cord and 12-foot insulated signal cable, and durable electrical connectors. This tool measures ATF flow in gallons per minute, and can be connected to a lab scope or used with a dynamometer. It can be installed in any vehicle, whether the cooler return line is made of rubber or metal (metal return lines require a separate adapter). The power cord connects to the cigarette adapter or can be modified for direct connection to the fuse box or to the battery. This diagnostic tool provides a reliable and accurate way to detect flow-related transmission problems. The SonnaFlow can even measure ATF flow during vehicle road tests.

Part No. TOOL.20



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DIAGNOSTIC & TEST EQUIPMENT



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Refill Kit to carry out a further (25 Tests)

Part No.
TOOL.141



Glycol Contamination Test Kit (25 Tests)

This very popular kit is essential for testing modern synthetic transmission fluids to find out if they are suffering from Glycol contamination.

This contamination causes eventual failure of the friction materials, with no way to carry out a visual check and as little as 1% Glycol in the transmission fluid being a critical level, this kit can save you countless costly comebacks.

Carries out up to 25 Separate Tests.

Part No. TOOL.140



VB-LUTION Valve body vacuum test station A revolutionary way to visibly test you valve bodies

- Test for bore wear
- Test regulating valves for wear
- Test shift valves for wear
- Test servo valves for wear
- Test for bore plug wear
- Test normally closed solenoids
- Immediate results
- Easy to use
- Identify faults without disassembly of valve body

Part No. TOOL.154



Spare Vacuum Connector
Part No. TOOL.163

Valve Body Vacuum Tester

A simple and effective way to check for valve body bore wear

This bench top tool is easy to operate and comes with full user instructions and a simple guidance chart to follow. This is the starting point for collecting precise data for future reference.

Simply adjust the supply vacuum and record the drop off caused by worn or ill fitting valves.

This is a must have tool for any transmission shop wishing to restore their valve bodies back to original specification.

Part No. TOOL.161

Sonnax Wet Air Test Plate

Benefits:

- This Wet Air Test Plate can be used to pressure-test circuits
- Can also be used to identify sticking valves, leaking end plugs or worn bores
- Test plate can be used on a wide variety of transmissions
- Clear see-through design allows easier circuit testing

Part No. TOOL.09



Pressure Gauge Range 0 - 300psi



Professional Quality Gauge, essential equipment when diagnosing transmission problems.

Part No. TOOL.123

Pressure Gauge Set 3 Guages & 21 Adaptors



Professional Quality Gauge's, compleat with a comprehensive range of adaptors to suit most units.

Essential equipment when diagnosing transmission problems.

Part No. TOOL.96

Transmission Leak Tester



Stop those irritating and costly external leaks before your unit is fitted into the car by using a simple method of "Air decay". Simply feed a regulated low pressure air supply into the transmission and torque converter, normally via the breather. Seal all open areas using either the original part or alternatively a suitable bung. When the unit reaches pressure close off the tap and wait to see if the gauge decreases, even the smallest leaks show up very quickly.

!!! Simple BUT Very Effective!!!

Part No. TOOL.162

Anti-Static Wrist Strap

Prevent static blow-outs!



- Helps prevent electrostatic charge building up when handling Mechatronic valve bodies and other devices prone to electrostatic damage.
- Conductive Pad presses against the skin allowing the charge to leak away to earth.
- Adjustable to ensure a comfortable fit.

Part No. TOOL.215

X-431



X431 auto scan tool is a new generation of product developed by Launch Tech. It's a perfect marriage between automotive electronic technology and information networking. X431 adopts open diagnostic technology, which is the most advanced in the world as well as the future of automotive diagnosis. It carries PDA functions apart from reading trouble code, data stream and actuation test, sensor waveform and digital code control.



Product capabilities.

- To interface with computer with X431-PCLINK (optional) to store test data in vehicle service record.
- To simulate and test sensors with the help of Sensorbox (optional).
- To test the parameters of the battery and conduct analysis on battery conditions through Batterybox (optional).
- To print out test data any time with built-in printer.
- Easy operation through handwriting input on large touch screen.
- As generic diagnostic equipment, it can interface with diagnostic adaptors of all vehicles models in the world.
- Powerful test capacity to cover all electronic systems.
- Unique reading of data stream to ensure fast data update.
- Powerful waveform display to monitor any change in the data stream.
- Embedded operation system and open-platform diagnosis to make effective diagnosis possible.
- Integrated adaptors featuring compact design and reliability.
- Complete after-sales service system to give life-long service.
- Multi-language choices and easy update via the Internet.

Specifications.

Operation System: Linux
CPU: 32-bit processor
CF card: 512M
Interface: Standard serial/ parallel port
Power: DC12V
Output: Approx. 9W
Printer: Mini thermo printer
Printer interface: Standard parallel port
Screen: 240*320 LCD touch screen with backlight
Structure: main units, Smartbox and mini printer

Part No. X431.COMP01



AUTOMATIC CHOICE



THE AUTOMATIC TRANSMISSION PARTS WAREHOUSE

X-431 Accessories

Carry Case	Part No. X431.BOX
CF Card Reader/Writer	Part No. X431.CDRW
Leather Cover	Part No. X431.COV
Lighter Socket Power Cable	Part No. X431.LC01
User's Manual on CD	Part No. X431.MANCD
Clip-On Cable (Crocodile Clips)	Part No. X431.CC01
Main Data Cable	Part No. X431.MC01
Data Cable Extension	Part No. X431.MCEXT
Printer Rolls	Part No. X431.PRM
CAN-BUS Connector	Part No. X431.CAN01
Volvo CAN-BUS Connector	Part No. X431.CAN02
CAN2 Combined (All Vehicles Including Volvo) Connector	Part No. X431.CAN03
Launch Super 16 Connector	Part No. X431.CAN04
Audi 4 Connector	Part No. X431.CAU4
BMW 16-pin Connector	Part No. X431.CBM16
BMW 20-pin Connector	Part No. X431.CBM20
Chrysler 6-pin Connector	Part No. X431.CCH6
Fiat 3-pin Connector	Part No. X431.CFI3
Ford 6+1 Connector	Part No. X431.CFO61
GM/Daewoo 12-pin Connector	Part No. X431.CGMD12A
Honda 3-pin Connector	Part No. X431.CHO3
Kia 20-pin Connector	Part No. X431.CKI20
Mazda 17-pin Connector	Part No. X431.CMA17
Mercedes Benz 38-pin Connector	Part No. X431.CMB38
Mercedes 38-pin Connector for Extension Cable	Part No. X431.CMB38E
V Class & Transporter Connector	Part No. X431.CMBV
Mitsubishi/Hyundai 12+16 Connector	Part No. X431.CMH
Nissan 14+16 Connector	Part No. X431.CNI
Smart OBDII 16 Connector	Part No. X431.COBD16
OBDII - 16C Connector	Part No. X431.COBDKAN
Opel 10-pin Connector	Part No. X431.COP10
Toyota 17-pin Connector	Part No. X431.CTO17
Toyota 17-pin F Connector	Part No. X431.CTO17F
Universal 3-pin Connector	Part No. X431.CUN3
Volvo CAN-BUS Connector	Part No. X431.CVC



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Launch X-431 CRecorder



The CRecorder collects real-time engine data such as Ignition Timing, Fuel Trim and Engine Speed, among many other variables. Additionally, it will also read DTCs for cars compatible with OBDII and EOBD. If you are not sure about your car condition, you can upload your vehicle data to our website. Our auto specialists will provide you with the symptoms that maybe causing the problem and a more detailed description, and also offer steps you can take to try to fix the problem on your vehicle. If your car works well, our auto specialists will anatomize the data streams and give you useful maintenance advice. CRecorder is a

remote diagnostic tool developed with car owners in mind. It can collect engine data when the car is driven on the road. After the recorded data are fed into the client terminal, the waveform can be displayed in diagrams and tables. Helped by the networking of the CRecorder website and client terminal, remote diagnosis has been turned into reality.

Features:

- Plug-and-play tool with compact design Automatic recording of data without human interference
- User-friendly interfaces and clear display of data.
- Remote diagnosis through connection with CRecorder website

Supported Protocols:

OBDII: ISO9141, SAE J1850VPW, SAE J1850 PWM EOBD: ISO14230 KPW CANBUS: ISO15765

Part No. X431.CR01

Launch CReader V



CReaderV is newly developed by LAUNCH, specially designed for car owners or DIYs to diagnose any vehicle that is compliant to OBDII/EOBD. It not only can read/clear DTCs, but also can read live data in 2 modes, and perform many special tests. Tri-languages make it operation easily for a technician. The feature of upgrading online ensures it can test new model cars and/or functions in the future.

Continuous Monitors -- Some of the vehicle components or systems Are continuously tested by the vehicle's OBD II system, while others are Tested only under specific vehicle operating conditions. The continuously Monitored components listed below are always ready: 1) Misfire, 2) Fuel System, 3) Comprehensive Components

(CCM) Once the vehicle is running, the OBD II system is continuously checking the above components, monitoring key engine sensors, watching for engine misfire, and monitoring fuel demands.

Non-Continuous Monitors -- Unlike the continuous monitors, many Emissions and engine system components require the vehicle to be Operated under specific conditions before the monitor is ready. These Monitors are termed non-continuous monitors and are listed below:

- 1) EGR System,
- 2) O2 Sensors,
- 3) Catalyst,
- 4) Evaporative System,
- 5) O2 Sensor Heater,
- 6) Secondary air Injection,
- 7) Heated Catalyst,
- 8) A/C system

Supported Protocols :

OBDII: ISO9141 SAE J1850VPW SAE J1850 PWM EOBD: ISO14230 KPW CANBUS: ISO15765

Accessories Included: 1) User's Manual -- Instructions on tool operations, 2) USB cable--Connect to a computer for upgrading online

Part No. X431.CR02

Super Deluxe Domestic Scanner Set



The Scanner allows the technician to access a vehicle's onboard computer system. The scanner can also be used to record data during a test drive on some vehicles to better isolate a problem. It can also monitor sensors and engine operating conditions.

Part No. TOOL.60

Cartridges for Super Deluxe Domestic Scanner Set

Domestic USA 2000 Up	Part No. TOOL.61
Opel Primery German	Part No. TOOL.62
Primary Renault German	Part No. TOOL.63
Ford Primary German	Part No. TOOL.64
Mercedes Primary German	Part No. TOOL.65
BMW Primary German	Part No. TOOL.66
VAG Primary German	Part No. TOOL.67

Part No. TOOL.61-67

Universal Diagnostic Connector Kit



A selection of connectors and test probes for use with various diagnostic tools.

An essential piece of equipment for any diagnostician to compliment the standard test probes on any Diagnostic Scope, DMM Meter or Power Tester.

Part No. CABLE.TOOL03

KES-200 Portable Engine Analyser



Kes-200 is a handheld engine analyser that can test both DIS and distributor engine with many state-of-the-art concepts and technology. It greatly help you to find out any problem in ignition, stating & charging and fuel injection system, as well as various sensors of the vehicle. Therefore make you an expert in garage immediately. Its real time 4-channel oscilloscope, digital multi-meter, easy to use software, build-in library of standard waveform, PC/Print link ports and upgradeable program card all result you with a professional job.

Part No. TOOL.74

DIAGNOSTIC & TEST EQUIPMENT

Sensor Monitor

The Sensor Monitor not only gives you the ability to test 2 Wire Inductive and 3 Wire Hall Effect sensors, it is also able to test the latest 2 wire Active Hall Effect sensors.

The Sensor monitor features an L.E.D barograph display and buzzer to alert the operator to any problems.

The New Integrated Circuitry gives the unit increased accuracy with a response time of 20ms.

The unit has a scope out port allowing you to connect directly to an oscilloscope to monitor wave forms.

Along with transmission sensors, the sensor monitor is also able to check other sensors throughout the vehicle including ABS, Engine and More...

Features:

- Ergonomic Handheld Grip
- Scratch Resistant Surface
- Rugged Construction
- Oscilloscope Output
- L.E.D Bar Graph
- Audio Buzzer
- Easy to use colour coded connections
- Frequency Select Mode
- Standard 12 Month Warranty.

Part No. TOOL.216



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