

ATF GEARKARE



AUTOMATIC TRANSMISSION FLUID SERVICE EQUIPMENT

THE STANDARD IN INFORMATION AND DIAGNOSTICS SYSTEMS





THE WORLD OF LUBRICANT FLUIDS FOR AUTOMATIC TRANSMISSIONS

Changing motor oil is completely different than replacing lubricants for automatic transmissions. Whether it is a gearbox with a classic converter, a double clutch or some other type, there is no variation, in that, all must contain a fair amount of lubricating fluid.

If you don't change your transmission fluid on schedule, you'll be lubricating your transmission with metal shavings and other contaminants. Adverse effects include:

- Lacquers and solid particles may reduce oil flow through the valve maze, shortening the life of your transmission by causing the synchronizers, bearings and gears to wear out.
- Viscosity degradation decreases overall power; therefore, vehicle performance is compromised, as well.

Automatic transmission maintenance is recommended every 60,000-80,000 km. Without proper preventive measures, malfunctions and component failure can result.

Using ATF GEARKARE prevents oil degradation, with lubricant additives that protect the base oil by protecting its molecular properties and degrading before the base oil does.



BENEFITS

- Workshops equipped with the ATF GEARKARE station can carry out maintenance of the automatic gearbox with a simple, automatic, reliable process.
- With regular maintenance and oil replacement, the results are striking! You won't hear gears grinding anymore with full power and peace of mind restored. Instead, you'll notice better fuel economy and increased transmission longevity over time, with high performance and a new reliability.

THE ATF GEARKARE STATION

- High-quality adapters for professional use come standard, along with a wide range of fittings for your convenience.
- Includes an efficient used oil management system. -> SMART DRIP
- Specially designed to ensure there is no contamination between new and used oil.
- Information from an online database is displayed on the user-friendly screen via Wi-Fi, providing the technician with valuable information on connections, adapters and more.

SUN ENTERS THE WORLD OF OIL SERVICE STATIONS WITH THE NEW ATF GEARKARE

With an attractive, modern design, the new ATF GEARKARE retains the Sun family's refined style. Touchscreen technology, along with a seven inch display and Wi-Fi, provide for easy operation and storage. Industry 4.0 ready.

Innovation is at the heart of the design, with a focus on reliability, speed and ease of use:



Automatic detection of flow direction.



Integrated thermal printer provides full service report.



Replaceable ultra-fine filters ensure complete protection of all internal components.



Database included; provides oil type and the position of connection points online or on-screen via Wi-Fi.



SMART-DRIP system for oil collection directly under the cup, included in the station.
It collects and detects all the used oil collected to reinsert the exact amount.



Customizable memory for frequently accessed codes and features.



High-flow gear pump, up to 9 liters per minute.



Exclusive function ensures proper oil level.



SELF-PRIMING function to introduce new oils and specifications into memory after eliminating residue of oil used previously.



27 languages per display.



Innovative EASY EMPTY system function
No need for manual removal, eliminating risk of breakage and increasing reliability of the ATF GEARKARE station.



Auto setting determines specific weight of lubricants.



Digital pressure measurement, always visible on display.



Guided start at two temperatures 39°C and 20°C of oil.



Oil temperature monitoring function.



COMPLETE TECHNICAL SHEET

Name - Description	ATF GEARKARE
Certifications	CE
Display	Touchscreen 7"
App smartphone	Wi-Fi
Software update	USB Key
Type of service	Automatic
Detection of flow direction	Automatic
Cross-contamination	Completely prevented
Self-Priming	Introduces new oil type after flushing out residue of previously-used oil type
Valves for oil change	Automatic
Used oil emptying valve	Manual
Used oil container	Fixed steel container, 25 liters
New oil container	Removable plastic canister, 20 liters
New and used oil scale resolution	5 gr, load cell
Oil cleaner additive containers	2 liters
Oil cleaner additive scale resolution	5 gr, load cell
Oil cleaner additive injection	Automatic
Bowl for carter oil recovery	Provided - SMART DRIP system
Oil filtering	2x ultra-fine filters
Pump	High flow rate pump (up to 9 liters per minute)
Used oil tank emptying	With compressed air, easy emptying
Service pipes	2x3 meters
Pipe for emptying used oil	1,5 meters
Top-Up	From 1 liter bottle or canister
Oil quality indicator	By transparent illuminated tubes
Thermal printing	Standard
Database	Displays accurate positioning of connections
Languages	27 languages
Wi-Fi	Standard
Dimensions	70 x 70 x 107 cm
Dimensions with packaging	71 x 74 x 125 cm
Voltage	220-240Vac , 50/60 Hz
Power cord cable	Locking plug as standard
Working ambient temperature range	5°C-55°C / 10%-95% humidity

FOCUS ON THE FUNCTIONS OF THE ATF STATION

Automatic Transmission Cleaning

During the cleaning cycle, the ATF GEARKARE injects a special additive into the circuit to clean deposits and residues in a chemically-controlled way. Newly-developed strong ATF lubricants are added to adapt to the variation of temperatures or alternating loads. Despite this, simply replacing the oil does not prevent the formation of harmful deposits over time.

Oil Replacement

The ATF GEARKARE station manages the oil replacement completely automatically. Starting the engine of the car with the ATF GEARKARE connected to the gearbox, the two installed ultra-fine filters clean the oil in circulation at the entrance of the car, eliminating all foreign particles.

Emptying and Rinsing The Exchanger

In older gearboxes, the connections may not work right with the oil cooler heat exchanger, so the exchanger and gearbox will have dedicated connections where oil residue remains. With the ATF GEARKARE, you can circulate new oil to remove those residues before rinsing.



ADAPTERS AND CONNECTORS FOR LEVEL OF THE OIL

ADAPTERS

Sun offers a variety of adapters for connecting to the gearbox:

	FITTING FOR JAGUAR, MERCEDES-BENZ, MITSUBISHI, SSANGYONG		FITTING FOR BMW, RENAULT, SAAB, FORD, RANGE ROVER, JAGUAR
	FITTING FOR JAGUAR, MERCEDES-BENZ, SSANGYONG		FITTING FOR GM
	FITTING FOR JEEP, FIAT, ALFA ROMEO, OPEL, CITROEN		FITTING FOR JEEP, DODGE, OPEL
	FITTING FOR DSG AUDI, VOLKSWAGEN, SKODA		FITTING FOR JEEP
	FITTING FOR AUDI, VOLKSWAGEN, JEEP		SET OF 4 UNIVERSAL RUBBER EXTENSIONS (8, 10, 13, 15mm)
	FITTING FOR AUDI, PORSCHE, OPEL, SUBARU, MAZDA, CITROEN, RENAULT, ALFA ROMEO, LANCIA		FITTING FOR BMW, VOLVO, AUDI, MERCEDES-BENZ, RENAULT, SAAB, FORD
	FITTING FOR AUDI		FITTING FOR JAGUAR, FORD, MAZDA
	FITTING FOR VOLVO		GEARBOX OIL CONNECTOR FOR FILLING FROM THE BOTTOM
	FITTING FOR AUDI, MERCEDES-BENZ, MITSUBISHI		FITTING FOR HYUNDAI, TOYOTA, KIA, MITSUBISHI, ISUZU



More than 50 other adapters available!

OIL LEVEL SENSOR CONNECTORS

Sun offers a standard set of high-quality adapters and a variety of oil level adjustment accessories to choose from. Additionally, many more adapters are available upon request.



CONSUMABLES: Ultra-Fine Filters

Sun offers ultra-fine filters that protect against various types of residue. With a double filter fitted to the ATF GEARKARE station, a clean oil inlet ensures ease of use and preserves the performance of components over time.



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