

# KOOLKARE

DIAGNOSIS, MAINTENANCE AND REPAIR OF  
AIR CONDITIONING SYSTEMS



**ATF**  
**GEARKARE**

EQUIPMENT FOR AUTOMATIC  
GEARBOX MAINTENANCE

EN

## SERVICE EQUIPMENT

THE STANDARD IN INFORMATION AND DIAGNOSTICS SYSTEMS



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# HIGHLIGHTS

## Solutions, trends and technological standards

### REFRIGERANT CONFIGURATION

#### Practical for the dealer, a service for the workshop

The constant availability of the product and fast delivery are decisive in any logistic organization; a competitive advantage for the dealer and, for the workshop, a concrete reason for choosing a supplier. The most tangible exclusive result recently developed and patented by the Sun research and development team, is the possibility to supply "neutral" climate stations and decide the type of gas even at the last moment, thanks to the availability of different refrigerant kits.

The packaging of the station actually provides the space for the insertion of the R134a or HFO refrigerant activation kit.

### HYBRID

#### The integrated patented solution or aftermarket option

The "Observatory for electric mobility" of the European Commission confirms a growth trend of hybrid and electric cars over 30% per year that will reach in less than 20 years more than 50% of vehicles currently in circulation. These vehicles have the compressor driven by a high voltage electric motor. The specific oil must be insulating to ensure safety.

The use of non-insulating oil is dangerous for the operator. To remove all traces of non-insulating oil, the cleaning of service hoses and internal circuits is mandatory before recharging. The patented Sun system automatically carries out the washing of service hoses and internal ducts, thanks to the specific software and connectors integrated into the station. A closed-circuit washing cycle enables a high cleaning efficiency. In addition to the integrated system of the standard feature, an innovative aftermarket upgrade solution has been developed (BREEZE IV).

### "SAVING" BENEFIT: ACCURACY AND EFFICIENCY

#### The standard for recovery and filling control

Snap-on Climate Solutions has gained considerable experience in the commercialization of climate stations designed according to the most restrictive market standards such as the American SAE regulations. In order to constantly monitor the performance of the climate stations, the company has developed internal product standards in order to monitor the parameters of Recovery Efficiency and Refrigerant Filling Accuracy. Periodic tests are always performed under the same conditions in terms of climatic condition, measuring instruments and procedures.

Moreover, thanks to technological development and improvement, the company is able to obtain Efficiency and Accuracy values that exceed the results required by universally accepted standards. An example is the patented feature of the Vacuum Assist that has allowed to pass the homologation tests with ETL in the USA.

### REFRIGERANT ANALYSIS

#### Manage the risk of contamination

With the objective of improved environmental protection, the Regulation (EU) No 517/2014 establishes the reduction of refrigerants with a high global warming potential (GWP). Since January 1, 2017, vehicle A/C systems in many countries around the world must use refrigerants with GWP < 150. HFO1234yf gas is the most widely used solution with a GWP 350 times lower than its predecessor R134a.

Controls and limitations on the production, import and sale of R134a gas have been introduced. The graph shows the maximum allowed percentage of R134a and the price expectations of the two refrigerants. The price difference and supply difficulties can cause misuse of refrigerants and lead to contamination of the station.

Ensuring the purity of the refrigerant is critical to the proper management of Warranties, to avoid station decontamination and A/C system repair costs and to ensure the disposal of contaminated gas.

In the majority of Sun stations, a gas analyser can be installed.

The Gas Analyser represents a highly efficient solution with notable and distinctive advantages: the unit fits inside the station and does not take up external space, uses an external gas sample hose to exclude possible contamination of service hoses, detects the percentages of the different refrigerant components and is very easy to be installed in less than 20 minutes.

### 12 VOLT TECHNOLOGY

#### Safety and energy saving

The correct flow of the refrigerant or the oil and the control of pressures during the various phases of the A/C service are managed by the "manifold" through the opening and closing of valves at the proper time. While the processes are coordinated by the Software, the force to open and close the valves is generated by the coils through a magnetic field. The new standard provides their power supply at 12V, a tension that is independent of the voltage applied in the country of distribution. A worldwide solution that also allows intelligent control of the applied energy, lower power consumption, lower operating temperature, improved safety and longer life of the components.



### CONNECTIVITY

#### The dialogue between the workshop and the equipment

The digital world offers endless opportunities to integrate new solutions into the organization of the "connected workshop": an efficient and useful experience for the modern mechanic, aligned with undeleteable online services and information systems help to increase the profitability of the workshop.

**Wi-Fi connection** as a standard or optional feature has been implemented in the latest Sun A/C Stations. First features included real-time A/C service status display on smartphones, tablets or PCs, station data such as available oil and gas, and exportable archive of performed services.

Most recent Software update implements an important step forward in Sun connectivity evolution and offers highly useful benefits to the workshop. Cloud AC-Service.24 offers new possibilities of data transmission. Following main benefits for the workshop are implemented on actual Premium Stations (ATF GEARKARE, QTECH IV, DUAL GAS 12).

#### Software over the air

The connected station is not only able to send information to the management system but also to receive information such as the database or software updates. This becomes a highly efficient solution for the workshop. In addition to the use of USB, the new Wi-Fi connectivity enables software- or database updates over the air.

#### Remote assistance and maintenance

In case technical assistance is required for ordinary or extraordinary maintenance or repair, the new dimension of data transmission allows remote data access. The After Sales Service can perform interventions as diagnosis, control and adjust parameters or correct calibration parameters on distance. This keeps after sales service fast and cost saving.

#### Certification new refrigerant R-456A

According to recent market trends, we are pleased to inform that our A/C stations are certified for the new R-456A refrigerant. R-456A refrigerant was developed as an alternative to R-134a and is a blend of HFO and HFC, composed of R32 + R1234ze + R134a (6% + 49% + 45%) The main advantages are both the lower cost and greater environmental protection due to the lower global warm potential (GWP) of 687 instead of 1,430.

#### Fact sheet SCS

- The actual range of Sun A/C Units are certified with R-456A starting 2023July.
- Certified Units will have the R-456A on the CE label.
- Being the R-456A a drop-in refrigerant, ACS24 will manage the R134A refrigerant as usual with no addition or exception.
- All certified Units will be activated with R134A as usual.
- Units using R-456A must be labelled appropriately under the owner responsibility.
- Units working with R-456A cannot have the KIT.GAS option installed.
- Homologations of A/C system manufacturers must be verified by the owner.
- SCS will not recognize any responsibility for misuse or damage related to using R-456A with Sun A/C Units.

#### Indication for distributors and workshops

- Any distributor and workshop is responsible to respect local regulation and legal obligations
- An already activated station working with R134a can be converted. Emptying, vacuum >20min, dryer filter substitution and labelling in prominent position are required.
- An A/C system charged with R-456A has to be recognizable by a label in prominent position.
- Consumables as oils and dye compatible to HFO refrigerant are compatible to R-456A. Usually PAG46. SCS consumables range is compatible.
- Operating temperatures and pressures of R-456A are similar to R134a.
- Oil quantities recovered during a service are similar to R134a.

### VISUAL DIAGNOSIS

The DIAGNOSIS SIGHTGLASS is a perfect and quick solution to determine the quality of a refrigerant. The refrigerant flows through the transparent sight glass, allowing its quality to be observed and assessed: transparency indicates good quality, while the presence of tracer, impurities, residues or any moisture can also be checked.

The visual inspection of the refrigerant should be the first step in every air conditioning service.

The sight glass can be connected directly to the A/C system. After a vacuum has been created in the sight glass with the A/C Station ("T" adapter), the refrigerant of the running system flows and can thus be observed. Other possible uses are, of course, the observation during the recovery phase (sight glass between the system and the A/C Station), the quality control of new purchase of refrigerant or to ensure the result of a flushing process.

The kit includes: case, sightglass with „T“ adapter, HP and LP quick coupler, HP and LP service hoses 70 cm, instruction leaflet

### AC-SERVICE24

#### Global, fast and competent

Maximum attention to Customer Connection: at the company's headquarters, a team of experts with deep and extensive know-how is available with a fast, professional and competent customer service.

Moreover, with the online portal [www.ac-service24.com](http://www.ac-service24.com) Sun provides a 24-hour service to the mechanic: activation of the A/C station, technical information and documentation, updating of Software or Database, warranty management, spare parts list and Support Request/Troubleshooting/Problem- Solving.



# ECO2KARE

**POWERFUL  
ROBUST  
SAFE**

## Constant changing of automotive air conditioning systems

The technological development of vehicles aims to continuously improve safety, efficiency and environmental impact.

The most recent regulatory framework for vehicle cooling and heating systems, EU 517/2014, stipulated the reduction of refrigerants with a high global warming potential (GWP). Since 2017, vehicle air conditioning systems in many countries around the world must use refrigerants with a GWP <150. HFO1234yf gas with a GWP of 4 has become the popular solution with a GWP 350 times lower than its predecessor R134a with a GWP of 1.470.

## The environmentally friendly alternative

Some car manufacturers have followed also the environmentally friendly alternative of using carbon dioxide as a refrigerant and are installing these systems in some of their vehicle models. Carbon dioxide (R744) occurs naturally, is biodegradable and offers the best possible ecological result with a GWP of 1 (zero impact on ozone depletion).

Increased awareness of environmental protection, cost-effectiveness and the efficiency that can be achieved with the properties of R744 are further encouraging the use of R744 systems as a long-term and future-oriented solution in the premium vehicle sector.

## The Sun R744 solution

Sun presents the new ECO2KARE air conditioning service device for the growing workshop needs of specific maintenance and repair on R744 air conditioning systems.

The thermodynamics of R744 refrigerant differ fundamentally from the chemical refrigerants with new requirements for the air conditioning system itself and the necessary air conditioning service device. Particularly noteworthy are the very high pressures of up to 130 bar and additional safety precautions to avoid increased CO2 concentrations in the vehicle or in the workshop's working environment.

ECO2KARE has been developed for the specific safety and high-pressure requirements of R744 air conditioning systems. The device is distinguished by high-quality and powerful components, future-oriented standard features and extremely intuitive user friendliness via the 7" touchscreen.



### Standard

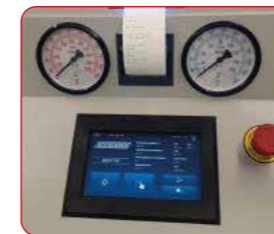


## TOUCH THE FUTURE ORIENTED EXPERIENCE

ECO2KARE has been developed for the specific safety and high-pressure requirements of R744 air conditioning systems. The device is distinguished by high-quality and powerful components, future-oriented standard features and extremely intuitive user friendliness via the 7" touchscreen.

### Fully automatic air conditioning service unit for emptying, servicing and filling R744 air conditioning systems on car, truck and big systems as buses or trains

- Simple, fast and highly intuitive navigation on a 7" touchscreen with Linux operating system Navigation is extremely easy through images, icons, short texts and the virtual keyboard
- Ready for use in 15 seconds after switching on
- Absolutely safe: software guided processes include all necessary control instructions and constant monitoring of the CO<sub>2</sub> concentration in the atmosphere
- Integrated Hybrid feature for the flushing of service hoses and internal circuits. Indispensable for the safe service on systems with an electric compressor
- Very powerful 142 l / min double-stage vacuum pump guarantees a highly efficient vacuum phase for drying the system, particularly important for CO<sub>2</sub> systems
- Max. operating pressure 170 bar
- Heating system with manual setting option for extended heating speeds up filling process and helps to save time
- Management of 3 high-quality, hermetic, refillable containers for compressor oil (1x PAG and 1x POE) and dye
- Automatic pressure test with nitrogen or hydrogen/nitrogen mixture
- 3 m service hoses for a smart connection to the vehicle (longer hoses possible)
- Large pressure gauges 100 mm
- Easy changing of R744 tanks of different sizes, protection cover and fastening with Swift safety belt
- Refrigerant bottles: gross weight max 50 kg, recommended height 70 – 120 cm, diameter 17,8 – 20,3 cm, refrigerant capacity 10 – 20 kg, tara max 30 kg.
- Magnetic temperature sensor to connect the refrigerant bottle also in case of aluminium (optional DECKIMB2013 ALUMINIUM CO2 TANK TEMP. STRAP)
- 2 Connection adapters: RAC8164 (W21, 7x1/14" – 1/4 SAE male), RAC8165 (W21, 8x1/14" – 1/4 SAE male)
- Quick plug-in connection for CO<sub>2</sub> discharge hose (PA12 8x10 mm)
- Efficient internal ventilation against icing of internal components
- Online update via USB interface or directly in Wi-Fi connection
- Generous storage compartment for accessories
- Very robust structure for best protection of the station
- Service-friendly and cost-effective due to low maintenance needs
- Environmentally friendly packaging made of wood and paper without the use of polystyrene



Status Light  
7" touchscreen  
Safety switch



Quick couplers  
SAE J639  
Hybrid function



Nitrogen  
pressure test



Strong Vacuum pump  
142 l / min double stage



Holder for  
storing the  
service hoses



Protection  
cover for  
external tank



Double scale  
lock easy to  
reach



Swift safety  
belt and  
bottle heater



3 hermetic refillable containers  
(1x PAG, 1x POE, 1x dye)



Quick plug in  
connection for CO<sub>2</sub>  
discharge hose



Used oil  
container  
500 ml

# BLIZZARD QTECH IV



## A future-oriented user experience

QTECH IV is designed for different types of refrigerant. The standard features, Wi-Fi connectivity, gas analyser option and high-quality components make QTECH IV a benchmark among the most modern A/C charging stations.

### Fully automatic climate station for recovery, recycling and charging for R134a or HFO1234yf

- Configuration of the refrigerant during activation with the corresponding R134a or HFO kit
- Large 7" touch screen display for an easy, fast and intuitive navigation
- Energy-saving with 12-volt solenoid valve technology
- Built-in Hybrid feature for the flushing of service hoses and internal circuits. Indispensable for the service on systems with an electric compressor.
- Optional refrigerant analyser to detect % of refrigerant components tested: HFO1234yf, R134a, R22, HC hydrocarbons and air.
- Automatic test of the A/C system under pressure with nitrogen or hydrogen/nitrogen mixture
- Management of 2 oils and 1 tracer - both with hermetic containers that can be filled and with hermetic cartridges
- Automatic purging of non-condensable gases
- 2 large side pockets to comfortably accommodate even longer hoses
- Wi-Fi connection as standard
- Complete database including commercial and agricultural vehicles
- Status light

### Standard



### Option



# BREEZE IV



## The easy solution for tomorrow's workshop

BREEZE IV is designed for different types of refrigerant. BREEZE IV is characterised by innovative functions, simplicity and the high-quality standard of the components. The station offers high flexibility thanks to aftermarket upgrade possibilities. BREEZE IV, the easy station for the workshop.

### Fully automatic A/C charging station for recovery, recycling and charging for R134a or HFO1234yf

- Refrigerant configuration during activation with the relevant R134a or HFO kit
- Large 4.3" touch screen display for an easy, fast and intuitive navigation
- Energy-saving with 12-volt solenoid valve technology
- Optional Hybrid kit for flushing service hoses and internal circuits. Indispensable for the service on systems with an electric compressor.
- Automatic leakage control during the vacuum phase
- Optional refrigerant analyser for % detection of refrigerant components tested: HFO1234yf, R134a, R22, HC hydrocarbons and air.
- Oil management with both standard refillable containers and hermetic cartridges
- 2 large side pockets to comfortably accommodate even longer hoses
- Wi-Fi connection available on request
- Complete database including commercial and agricultural vehicles

### Standard



### Option



# DUAL GAS 12

## The total dual solution

DUAL GAS 12 is the renovated expression of the functional and technological skills of the company. Two machines in one is the simple, fast and safe solution. DUAL GAS 12 is renewed by adopting some of the most successful modern technological standards.

### Fully automatic A/C charging station for recovery, recycling and charging for R134a and HFO1234yf

- Two independent circuits with specific components for each gas
- New 7" touch screen display for an easy, fast and intuitive navigation
- Energy-saving with 12-volt solenoid valve technology
- Built-in hybrid function for the flushing of service hoses and internal circuits. Indispensable for the service on systems with an electric compressor.
- Optional refrigerant analyser for % detection of refrigerant components tested: HFO1234yf, R134a, R22, HC hydrocarbons and air.
- Automatic test of the A/C system under pressure with nitrogen or hydrogen/nitrogen mixture
- Management of 2 oils and 2 tracers, both with hermetic containers that can be filled and with hermetic cartridges
- Automatic purging of non-condensable gases
- Wi-Fi connection as standard
- Complete database also including commercial and agricultural vehicles
- Innovative and practical cylinder locking system from the outside
- 100V or 110V transformer available as an optional feature



### Standard



### Option



# HD-S

## The power performer for big A/C systems

Sun's special product for the refrigerant R134a. The technical characteristics of HD-S allow to manage large climate systems such as those of buses or trains

### Fully automatic A/C charging station for recovery, recycling and charging for R134a

- Large capacity 40L internal cylinder
- 1kg/min gear pump for very fast refrigerant refilling
- 170L/min vacuum pump
- 21cc hermetic compressor
- 6m hoses
- Automatic test of the A/C system under pressure with nitrogen or hydrogen/nitrogen mixture
- Management of 1 oil and 1 tracer with standard refillable containers
- Automatic purging of non-condensable gases
- Complete database also including commercial and agricultural vehicles



### Standard



Drucktest



Zahnradpumpe

FEATURES	ECO2KARE	BLIZZARD QTECH IV
Type of refrigerant	R744	HFO1234yf or R134a
Refrigerant configuration	Not applicable	Standard
Display	7" colour touchscreen	7" colour touchscreen
Service tabs	Automatic	Automatic
Thermal printer	Standard	Standard
Vacuum leak check	Standard	Standard
Hybrid function / electrically driven compressors	Standard	Standard
Pressure test forming gas / nitrogen	Standard, max pressure 70 bar	Standard
Gas Analyser	Not applicable	Option
Flushing Kit	Not applicable	Option
Hermetic and refillable containers for oil and dye	Standard 2 + 1	Standard 2 + 1
Hermetic disposable containers for oil and dye	2 + 1	2 + 1
Standard containers for oil and dye	Not available	Not available
Hoses	3 meters	3 meters
Quick couplers	SAE J639	Standard
Pressure gauges	100 ø mm	100 ø mm
Recharge method	C.A.R. or VAPOR	C.A.R. or VAPOR
Non condensable gas purge	Not applicable	Automatic
Volt	220-240V 50/60 Hz (CE), 110V 60Hz (ETL)	220-240V 50/60 Hz
Vacuum pump	142 l/min double stage, 3Pa/0,03 mbar	100 l/min, vacuum level 0,1 mbar
Sealed compressor	Not applicable	1/3 HP
Recovery speed	Not applicable	300 g/min in liquid phase
Refrigerant tank	No internal tank. Scale max gross weight 50 kg	12 liters refillable
Bottle heater	Standard with setting option for extended heating	Standard
Tank Scale resolution	10 gr	10 gr
Oil scale resolution	5 ml	5 ml
Working temperature range	10/50° C	10/50° C
Filter system	Not applicable	1 filters for humidity, 100 kg
Status light	Standard	Standard
Data Base	Base+custom records	Car - Truck - Agri
Connectivity Wi-Fi	Standard	Standard
Dimension / weight	cm 67 x 88 x 110, 99 kg	67 x 68 x 108 cm - 77 kg
Dimension / weight with packaging	cm 73 x 110 x 135, 124 kg no double stacking	76 x 70 x 125 cm - 95 kg

DUAL GAS 12	BREEZE IV	HD-S
R134a and HFO1234yf	HFO1234yf or R134a	R134a
Not available	Standard	Not available
7" colour touchscreen	4,3" colour touchscreen	LCD alphanumeric 146 x 82,5 mm
Automatic	Manual	Manual
Standard	Standard	Standard
Standard	Standard	Standard
Standard	Option	Not available
Standard	Not available	Standard
Option	Option	Not available
Option	Option	Not available
Standard 2 + 2	Not available	Not available
2 + 2	Option 1	Not available
Not available	Standard 1	Standard 1 + 1
2 pairs, 3 meters each	3 meters	6 meters
Standard	Standard	Standard
100 ø mm	80 ø mm	80 ø mm
C.A.R. or VAPOR	C.A.R.	C.A.R.
Automatic	Manual	Manual
220-240V 50/60 Hz	220-240V 50/60 Hz	220-240V 50/60 Hz
100 l/min, vacuum level 0,1 mbar	51 l/min, vacuum level 0,2 mbar	170 l/min, vacuum level 0,1 mbar
2 x 1/3 HP	1/3 HP	21 cc
300 g/min in liquid phase	300 g/min in liquid phase	300 g/min in liquid phase
2 x 12 liters refillable	12 liters refillable	40 liters refillable
Standard	Not available	Not available
10 gr	10 gr	10 gr
5 ml		5 ml
10/50° C	10/50° C	10/50° C
2 filters for humidity, 100 kg	1 filters for humidity, 50 kg	2 filters for humidity, 150 kg
Not available	Not available	Not available
Car - Truck - Agri	Car - Truck - Agri	Car - Truck - Agri
Standard	Option	Not available
67 x 65 x 107 cm, 122 kg	67 x 68 x 108 cm - 63 kg	80 x 84 x 115 cm - 127 kg
76 x 70 x 125 cm, 135 kg	76 x 70 x 125 cm - 77 kg	91 x 72 x 126 cm - 137 kg

# ACCESSORIES AND OPTIONS

## SAFE AND SUITABLE SOLUTIONS

A professional and comprehensive climate service in the automotive industry requires, in addition to the climate station, accessories, consumables, leakage control solutions and items for regular maintenance. In order to guarantee safe and suitable solutions in the field of climate service, Sun presents the following range of products and accessories.



**DECKKIT.GAS (HFO1234yf)**  
Gas analyzer



**DECKKIT.GAS (R134a)**  
Adapter for KIT.GAS



**Gas identifier**  
**DECKXS180.000000 (HFO)**

Verifying the purity of the refrigerant before the climate service is very important because it avoids costs of decontamination of the station, repair of the A/C system and allows the regular disposal of the contaminated gas.

The workshop protects the environment and avoids the risks of possible lawsuits. In most Sun stations, a gas analyzer or gas identifier can be installed.

- The gas identifier verifies the correct purity of the refrigerant with a "pass-fail" test (previous models)
- The gas analyzer also detects the percentages of the different refrigerant component (the whole actual range of stations with analyser option QTECH IV, BREEZE IV and DUAL GAS 12)

### DECKKIT.WI-FI-N Wi-Fi connectivity eva

Aftermarket option for BREEZE IV.

The Wi-Fi connection as a standard or optional feature has been implemented in the latest Sun climate stations.

Current features include real-time A/C service status display on smartphones, tablets or PCs, station data such as available oil and gas, and the exportable archive of services performed. Further features will be gradually implemented.



### DECKKIT.HYBRID Kit Hybrid upgrade option for HFO1234yf and R134a

This After-Market option allows adding the Hybrid feature to those climate stations equipped with appropriate software (BREEZE IV).



### DECKAEK102-N7-R5 Bypass adapter set

The set contains adapters needed to install a bypass of a removed component (e.g. compressor, expansion valve, filter) to the A/C system before cleaning with the Flushing Kit.



### DECKAEK006-2 Starter Kit

The top recommendation for AC compressor oils and leak detection with UV light.



**DECKCNT4012**  
40 L bottle  
per R134a  
R22  
R404a  
R507  
R407C



**DECKAEK317**  
Double valve  
extractor screwdriver



**DECKDB.AUTOAGRI**  
Data Base update  
for car, commercial,  
agricultural vehicles



**DECKIMB001**  
Dust Cover  
(Breeze IV, QTech IV)

**DECKIMB0026**  
Dust Cover  
(DUAL GAS 12, HD-S, C02)



**DECKAEK302**  
Electronic Scale  
100kg capacity



**DECKAEK120-E**  
Digital  
Thermometer



**DECKKIT.STM**  
Thermal Printer Upgrade  
option (Breeze IV)

### DECKAEK232-2 Kit Diagnosis Sight Glass HFO DECKAEK232-1 Kit Diagnosis Sight Glass R134a

The DIAGNOSIS SIGHTGLASS is a perfect and quick solution to determine the quality of a refrigerant. The refrigerant flows through the transparent sight glass, allowing its quality to be observed and assessed: transparency indicates good quality, while the presence of tracer, impurities, residues or any moisture can also be checked.

The visual inspection of the refrigerant should be the first step in every air conditioning service. The sight glass can be connected directly to the A/C system. After a vacuum has been created in the sight glass with the A/C Station ("T" adapter), the refrigerant of the running system flows and can thus be observed. Other possible uses are, of course, the observation during the recovery phase (sight glass between the system and the A/C Station), the quality control of new purchase of refrigerant or to ensure the result of a flushing process.

The kit includes: case, sightglass with „T“ adapter, HP and LP quick coupler, HP and LP service hoses 70 cm, instruction leaflet



### DECKAEK102-N21 Flushing Kit (neutral unit requires configuration with Kit HFO or Kit R134a)

#### DECKAEK102-N21-1 Kit HFO for Flushing Kit DECKAEK102-N21

#### DECKAEK102-N21-2 Kit R134a for Flushing Kit DECKAEK102-N21

If the compressor or other components of a climate system break down, you must remove any possible residue that may be found in the system before reassembling the equipment. Many compressor manufacturers do not guarantee their new components unless the A/C system is cleaned before installation.

The advantages of this flushing kit are:

- Environmentally friendly because no solvents are used but only refrigerant
- Very efficient cleaning thanks to the high washing speed obtained with the vacuum in the tank
- Patented universal adapters for creating bypasses
- The amount of refrigerant can be defined by the user (washing a component rather than a system)
- Time-saving and efficiency thanks to the fast process and fully automatic cycles



### DECKXK185.000000 EASYREC PRO (HFO & R134a)

The mobile equipment for the complete extraction of different types of refrigerant from air conditioning systems (CFC, HCFC, HFC, fuel). With Easyrec Pro, a mobile scale (AEK302) and a recycling tank, contaminated or unknown refrigerants can be easily and quickly extracted from air conditioning systems without the use of laborious procedures such as dry ice or other processes.

National or local regulations require the coordinated and controlled disposal of these contaminated refrigerants. With Easyrec Pro, the responsible workshop can easily manage the appropriate recycling process and thus make a valuable contribution to environmental protection.

The package includes the 1.5 m service hose for the system (blue), 2 connections for HFO1234yf and R134a and the 1.5 m hose for connecting Easyrec Pro to the cylinder (yellow).



### DECKAEK207-A (R134a), DECKAEK207-B (HFO1234yf)

Manual injector

This device is perfect for manual injection of specific oils or tracers. An easy-to-use solution even for climate stations without the oil injection or tracer feature.



## Standards and options

The presentation of the stations in this catalogue provides efficient commercial support and make sales activities as easy as possible: the graphic footprint in line with technological evolution and brand image, the attractive display of the stations, synthetic technical descriptions and, finally, icons for immediate understanding of the various standard or optional features. Below is a brief legend of the Sun icons.

Thermal printer



Hybrid function



Connectivity  
Wi-Fi



Pressure test forming  
gas / nitrogen



Refrigerant  
Configuration



Flushing Kit



Hermetic disposable  
containers



Hermetic and  
refillable containers



Refillable standard  
containers



Gas Analyser



Gas Identifier














Display



# CONNECTORS AND HOSES

For the daily climate service, in addition to the replacement of wear parts, maintenance items, products for repairs, connectors, hoses and adapters are also required. Here is a selection of the necessary products

A/C STATION		SERVICE HOSE		QUICK COUPLER
Refrigerant	Model	Connector	Station side – quick coupler side	
HFO	DUAL GAS 12	female M12 x 1,5	male M12 x 1,5 – male M12 x 1,5 red hose 3 mt. tub2132 blu hose 3 mt. tub2122 red hose 6 mt. tub2136 blu hose 6 mt. tub2126	Quick coupler HFO (female M12 x 1,5) Adapter not necessary
R134a or Kit HFO/R134a			male 1/2 ACME	
R134a	HD-S	male 1/4 SAE		female 1/4 SAE – female 1/4 SAE red hose 6 mt. TUB1144 blu hose 6 mt. TUB1145

	DECKTUBCO2-006	BLACK HOSE 3 MT. 1/4 SAE
	DECKTUB2132	RED HOSE 3 MT. HFO
	DECKTUB2122	BLU HOSE 3 MT. HFO
	DECKTUB2136	RED HOSE 6 MT. HFO
	DECKTUB2126	BLU HOSE 6 MT. HFO
	DECKTUB2146	RED HOSE 3 MT. R134a
	DECKTUB2147	BLU HOSE 3 MT. R134a
	DECKTUB1148	RED HOSE 6 MT. R134a
	DECKTUB1149	BLU HOSE 6 MT. R134a
	DECKTUB1144	RED HOSE 6 MT. 1/4" SAE
	DECKTUB1145	BLU HOSE 6 MT. 1/4" SAE

	DECKAEK233A	R744 QUICK COUPLER HP
	DECKAEK233B	R744 QUICK COUPLER LP
	DECKAEK1234A	High quality QUICK COUPLER HP HFO Parker
	DECKAEK1234B	High quality QUICK COUPLER LP HFO Parker
	DECKAEK208A	High quality QUICK COUPLER HP R134a Parker
	DECKAEK208B	High quality QUICK COUPLER LP R134a Parker
	DECKAEK228A	QUICK COUPLER HP R134a
	DECKAEK228B	QUICK COUPLER LP R134a
	DECKAEK229A	QUICK COUPLER HP HFO1234yf
	DECKAEK229B	QUICK COUPLER LP HFO1234yf
	DECKAEK230A	QUICK COUPLER HP R134a 1/4" SAE
	DECKAEK230B	QUICK COUPLER LP R134a 1/4" SAE
	DECKAEK218 - A	HP "puff free" coupler for HFO
	DECKAEK218 - B	LP "puff free" coupler for HFO
	DECKAEK224 - A	HP "puff free" coupler for R134
	DECKAEK224 - B	LP "puff free" coupler for R134a
	DECKAEK231-1	Special swift coupling R134a
	DECKAEK231-2	Special swift coupling HFO
	DECKAEK211	Special quick-connect coupling R134a (Ford, BMW)
	DECKAEK277	Special quick-connect coupling HFO1234yf (Ford)

	DECKAEK109A	Terminal valve, high pressure 1/4" SAE
	DECKAEK109B	Terminal valve, low pressure 1/4" SAE
	DECKAEK116 - 1	Adapter for refrigerant bottles for R134a
	DECKAEK213	Nitrogen coupler for A/C machines
	DECKAEK318	Fitting HFO W 21.7 x 1/14" LH for Dupont bottle
	DECKAEK319	Fitting HFO 1/2" -16 ACME LH for Honeywell bottle
	DECKAEK320	Fitting LP for bottle R134a
	DECKRAC5216	Fitting hose M14 x 1,5 HFO coupler M12 x 1,5

# CONSUMABLES AND CONTAINERS

- Simple solution for the user
- Everything for both HFO and R134a
- Mechanical and electric compressor
- Choice of bottles or hermetic cartridges
- Focused on the most used PAG/POE and viscosity standards



## Top recommendation

Oil / Tracer	PAG / POE	Viscosity	Bottle		Cartridge	
Oil	PAG	100	AEK275	250 ml	AEK275 - N	250 ml
		46	AEK276	250 ml	AEK276 - N	250 ml
	POE	80	AEK287	250 ml	AEK287 - N	250 ml
Oil / Tracer	POE	85	AEK386	250 ml	AEK386 - N	250 ml
Tracer			AEK290	250 ml	AEK290 - N	125 ml

OIL PAG	100	DECKAEK275	Oil bottle PAG100 - 250ml for R134a, HFO1234yf mechanical and electric compressor
		DECKAEK275-N	Sealed oil cartridge PAG100 - 250ml for R134a, HFO1234yf mechanical and electric compressor
	46	DECKAEK276	Oil bottle PAG46 - 250ml for HFO1234yf, R134a mechanical and electric compressor
		DECKAEK276-N	Sealed oil cartridge PAG46 - 250ml for R134a, HFO1234yf mechanical and electric compressor
OIL POE	80	DECKAEK287	Oil bottle POE80 - 250ml for R134a, HFO1234yf mechanical and electric compressor
		DECKAEK287-N	Sealed oil cartridge POE80 - 250ml for R134a, HFO1234yf mechanical and electric compressor
OIL POE + TRACER	85	DECKAEK386	Oil + dye bottle POE85 - 250ml for R134a, HFO1234yf mechanical and electric compressor
		DECKAEK386-N	Sealed oil + dye cartridge POE85 - 250ml for R134a, HFO1234yf mechanical and electric compressor
TRACER		DECKAEK290	Dye bottle - 250ml for R134a, HFO1234yf mechanical and electric compressor
		DECKAEK290-N	Sealed dye cartridge 125ml for R134a, HFO1234yf mechanical and electric compressor

## Other products available

DECKAEK285	Oil bottle POE68 - 250ml for R134a, HFO1234yf mechanical and electric compressor
DECKAEK285-N	Sealed oil cartridge POE68 - 250ml for R134a, HFO1234yf mechanical and electric compressor
DECKAEK265-N	Sealed oil cartridge PAG100 - 250ml for R134a, HFO1234yf mechanical compressor
DECKAEK281	Oil bottle PAG100 - 250ml for R134a and mechanical compressor
DECKAEK283	AEK283 Oil bottle POE100 - 250ml for R134a and electric compressors
DECKAEK387	Oil + dye bottle PAG85 - 250ml for R134a, HFO1234yf mechanical and electric compressor



**DECKAEK203-C**  
Sealed bottle of tracer (55ml)  
SALES UNIT = 5



**DECKAEK322**  
Bottle of Sanniflux Liquid (1000 ml)  
SALES UNIT = 6



**DECKRAC8088**  
Adapter for previous dye cartridges



**DECKRAC9000**  
Adapter for previous oil cartridges



Refillable and hermetic container (260 ml)



**DECKTAP0051-KIT**  
Cap for HR container kit 10 pc.



**DECKSTM0012-KIT**  
Thermal paper for printer kit 10 pc.

DECKGRCNT16 DECKGRCNT17 DECKGRCNT18 DECKGRCNT19

## Leak detector

	<b>DECKAEK178</b>	Electronic Leak Detector, one instrument for identifying R134a, HFO1234yf and Hydrogen
	<b>DECKAEK203</b>	Cobra Kit HD- Leak detector for A/C circuits including goggles, UV Cobra lamp, hermetic dye cartridge 55 ml for 7 applications, dye injector (R134a)
	<b>DECKAEK145</b>	UV cobra led lamp, fluorescent enhanced goggles
	<b>DECKAEK304N</b>	WITH NITROGEN HYDROGEN BOTTLE (attention on ADR class 2 for transport) Universal nitrogen leak detection kit with nitrogen hydrogen bottle (950ml) with quick couplers R134a and HFO
	<b>DECKAEK304S</b>	WITHOUT NITROGEN HYDROGEN BOTTLE Universal nitrogen leak detection kit without nitrogen hydrogen bottle (950ml) with quick couplers R134a and HFO
	<b>DECKAEK305</b>	Nitrogen + H2 bottle (950ml) (attention on ADR class 2 for transport)

## Maintenance

	<b>DECKKIT016</b>	Maintenance Kit. Includes 1 bottle 500ml of vacuum pump oil + 1 filter FLT5005 BREEZE IV
	<b>DECKKIT017</b>	Maintenance Kit. Includes 1 bottle 500ml of vacuum pump oil + 1 filter FLT5512 QTECH IV, DUAL GAS 12
	<b>DECKKIT018</b>	Maintenance Kit. Includes 1 bottle 500ml of vacuum pump oil + 1 filter FLT5005 + 1 filter FLT5006 HD-S
	<b>DECKPMP3335</b>	Vacuum pump oil 500 ml ISO46
	<b>DECKTUB1260</b>	Gas sample hose (HFO) for gas analyser and identifier
	<b>DECKTUB1263</b>	Gas sample hose (R134a) for gas analyser and identifier
	<b>DECKFLT5507</b>	Filter for gas analyser & identifier
	<b>DECKFLT8006</b>	Filter for Flushing Kit 30µ (R134a)
	<b>DECKFLT8008</b>	Filter for Flushing Kit 20µ (HFO, R134a)

## Part Number

<b>DECKY1R74420S000</b> ECO2KARE	<b>DECKY2N20020S000</b> BREEZE IV + STM
<b>DECKY2F20020S000</b> BLIZZARD QTECH IV	<b>DECKY2NH00000000</b> Refrigerant Kit HFO1234yf
<b>DECKY2FH00000000</b> Refrigerant Kit TOP HFO1234yf	<b>DECKY2NR00000000</b> Refrigerant Kit R134a
<b>DECKY2FR00000000</b> Refrigerant Kit TOP R134a	<b>DECKY2NH00000001</b> Refrigerant Kit HFO1234yf UK
<b>DECKY2FH00000001</b> Refrigerant Kit TOP HFO1234yf UK	<b>DECKY2NR00000001</b> Refrigerant Kit R134a UK
<b>DECKY2FR00000001</b> Refrigerant Kit TOP R134a UK	<b>DECKK6T5A090S00B</b> DUAL GAS 12
	<b>DECKXK456A170S51</b> KOOLKARE HD-S (UV)

### UNIQUE

Our station stands out as the ultimate choice in the market. By integrating automatic workflows, software-guided procedures, and comprehensive databank. Our dedication to robustness and resistance ensures minimal maintenance making our station truly exceptional.

### EFFORTLESS

With its automatic and intuitive controls, it incorporates the most competent workflow settings, carefully crafted by experienced specialists. Users are seamlessly guided through all settings, ensuring an effortless and efficient experience.

### COMPREHENSIVE

The Database contains more than 20.000 vehicles. Encompassing more than 90% of all vehicle models manufactured from 2000 onwards. With immediately available adapters, as well as those obtainable on request, we ensure a comprehensive coverage for all connections.



## EQUIPMENT FOR AUTOMATIC GEARBOX MAINTENANCE

#### Smart-Drain system

This is the most comfortable, fast, safe and clean method to handle the used fluid. The recovered oil dripped from the pan is automatically weighed. The height of station's drain pan is adjustable. The asymmetrical shape adapts it to many different gearboxes.

#### 2 large fine filters

Protect all internal components of the station, avoid the need of maintenance with high filtration capacity preventive filtration of the gearbox circuit during the cleaning phase. For both directions (1 and 2) a dedicated filter.

#### High performing Manifold

Strategic placement of compact valves and implementation of anti-pressure drop measure ensures the best performance. With Generous diameter and smooth passages for oil flow to prevent pressure drops resulting in increased speed and constant oil flow. This is particularly advantageous for large engine' d vehicles, sports, vintage and American cars.

#### Multi-brand new oil tank

New oil tank designed to easily accommodate different sizes and multi-brands.

#### Discharge used oil by compressed air

Clean, Easy, Fast: no pump necessary, no maintenance or repair. Using highly professional emptying operations we have eliminated any need to remove of the used oil tank making it cleaner, faster, and easier.

#### Third scale for cleaner

Highest accuracy and precision compared to other manufactures. Using a scale avoids the risk of the pump sucking air while injecting additive and removes the constant need to purge the pump.

#### High quality connectors

Anti-splash, anti-flap, easy to handle

#### Software: automatic and intuitive

Continuous total control software. During the whole process of cleaning, oil replacement and substitution of pan and/or filter, the software workflow never requires running engine in critical moments. The navigation is intuitive. The user is perfectly guided. Most suitable parameters are recommended but not mandatory and the user is always free to define preferred service settings.

#### Database

ATF-Service24 is the access platform for the on-line ATF Database to help you get the most out of your machine. The data base is constantly updated and provides information on the connection, the suitable adapter, procedures, filters, levels, components and safety information. You can reach the uploaded database directly on the ATF station, on the online platform or, wherever you are, with the ATF MOBILE APP.

#### ATF mobile app

ATF-connection wherever you are! Be always informed on real time status of your ATF station, keep research for suitable ATF adapters smart and keep in touch with the know-how of our ATF specialists.

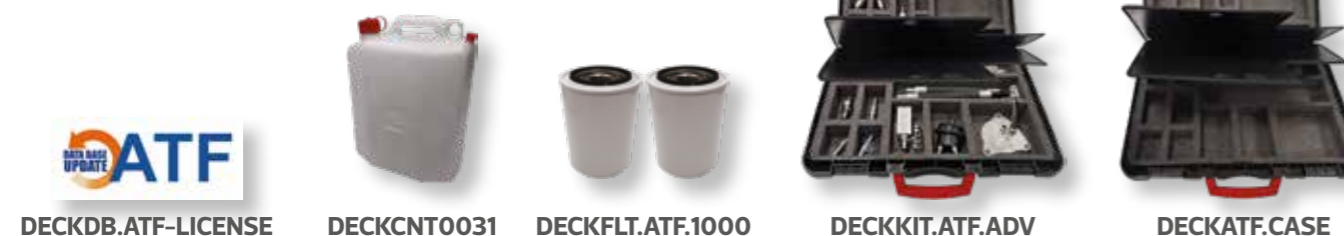


# ATF GEARKARE - COMPLETE TECHNICAL SHEET

<b>Display</b>	Touchscreen 7"
<b>Connectivity Wi-Fi</b>	Standard
<b>Mobile App (Ios, Android)</b>	Standard
<b>Software update</b>	USB Flash Drive or Wi-Fi
<b>Database</b>	Local, on-line platform and Mobile App
<b>Detection of flow direction</b>	Automatic
<b>Used oil container</b>	Fixed steel container, 25 liters
<b>New oil container</b>	Removable plastic canister, 20 liters
<b>New and used oil scale resolution</b>	5 gr, 2 load cell
<b>Additive container</b>	2 liters
<b>Additive scale resolution</b>	5 gr
<b>Oil filtering</b>	2x ultra-fine filters
<b>Pump</b>	High flow rate pump (up to 9 l/min)
<b>Discharge used oil</b>	Easy emptying with compressed air
<b>Service hoses</b>	2 x 3 meters
<b>Thermal printer</b>	Standard
<b>Languages</b>	27
<b>Voltage</b>	220-240 V, 50/60 Hz
<b>Power cord cable</b>	Locking plug as standard
<b>Working ambient temperature range</b>	5 - 55 °C / 10-95% humidity
<b>Dimensions</b>	72 x 73 x 108 cm - 80 kg
<b>Dimensions with packaging</b>	76 x 70 x 137 cm - 95 kg

PART NUMBER

<b>DECKY1ATF020S000</b>	ATF GEARKARE
<b>DECKLEVELKIT-ATF</b>	OIL LEVEL CONNECTORS
<b>DECKDB.ATF-LICENSE</b>	LOCAL DATABASE UPDATE + WEB LICENSE
<b>DECKCNT0031</b>	NEW CANISTER 20 liters
<b>DECKFLT.ATF.1000</b>	2 x FILTER CARTRIDGE
<b>DECKKIT.ATF</b>	ATF BASE KIT ADAPTERS
<b>DECKKIT.ATF.ADV</b>	ATF ADVANCED KIT ADAPTERS
<b>DECKATF.CASE</b>	STORAGE SUITCASE FOR ADAPTERS



## FULL RANGE ATF ADAPTERS

With the desire to offer a range of adapters as great and unique as the ATF machine, we created the most focused range of ATF adapters to best suit the European vehicle parc.

The adapter range, considered the widest available, is constantly updated with attentive selection to offer efficient solutions on popular models or new tricky solutions on specific models.

Further to individual availability of all adapters for replacement and beyond adapter kits, specific adapter selections have been created to match workshops specific vehicle mix and volume. Adapter kits support workshops in their competent purchase and keep marketability of the adapter range easier.

Adapters of ATF BASE KIT and ATF ADVANCED KIT are delivered in the specific suitcase. For practical use and storage in the workshop of all other suggested ranges (Professional 1 or 2), is available also the Storage Adapter Suitcase. Different sizes of compartments suits to the whole range of adapters.

ADAPTER'S RANGE

	<b>DECKKIT.ATF - ATF BASE KIT ADAPTERS (21 adapters)</b> AThis basis kit covers most popular vehicles and is essential to start. The range is a perfect ATF starting point and provides a great package for the most popular automatic vehicles in Europe requiring ATF service.
	<b>DECKKIT.ATF.ADV - ATF ADVANCED KIT ADAPTERS (18 adapters)</b> Advanced kit to compliment the coverage of the basis kit. Enhancing the core coverage for vehicle routinely presented into all brand aftermarket workshops.
	<b>SUGGESTION PROFESSIONAL 1</b> Recommended adapter selection for more specialistic ATF service. Focusing on less common northern European vehicles focused on central north manufacturers as VW, Mercedes, BMW and Volvo vehicle applications
	<b>SUGGESTION PROFESSIONAL 2</b> Recommended adapter selection for more specialistic ATF service. Focusing on less common European manufacturers Renault, PSA group and FCA group vehicle applications.

## DECKLEVELKIT-ATF

The kit contains 20 connectors (from ATF101 to ATF120) to facilitate the top-up for correct oil level on most popular European vehicles. Unless the car is connected during an ATF cleaning and oil replacement service, this control can obviously be performed directly with station's service hoses. But to check the level after a test drive or in any other circumstance by disconnected gearbox, these connectors enable quick and easy top-up.

	<b>DECKRAC8201</b>	A1 - VARIOUS ZF - JAGUAR, MERCEDES-BENZ, MITSUBISHI & SSANGYONG
	<b>DECKRAC8202</b>	A2 - VARIOUS ZF - JAGUAR, MERCEDES-BENZ, SSANGYONG
	<b>DECKRAC8203</b>	A3 - AISIN WARNER - JEEP, FIAT, ALFA ROMEO, OPEL, CITROEN
	<b>DECKRAC8204</b>	A4 - DUMMY FILTER DSG AUDI, VOLKSWAGEN, SKODA
	<b>DECKRAC8205</b>	A5 - VARIOUS AUDI, VOLKSWAGEN, JEEP
	<b>DECKRAC8206</b>	A6 - VARIOUS - AUDI, PORSCHE, OPEL, SUBARU, MAZDA, CITROEN, RENAULT, ALFA ROMEO & LANCIA
	<b>DECKRAC8207</b>	A7 - VARIOUS AUDI
	<b>DECKRAC8208</b>	A8 - AUDI, MERCEDES-BENZ, MITSUBISHI
	<b>DECKRAC8209</b>	A9 - MANY ZF - MERCEDES-BENZ, BMW, RENAULT, SAAB, FORD, RANGE-ROVER, JAGUAR
	<b>DECKRAC8210</b>	A10 - VARIOUS VOLVO
	<b>DECKRAC8211</b>	A11 - GENERAL MOTORS, OPEL
	<b>DECKRAC8212</b>	A12 - JEEP, DODGE, OPEL, GM 4 SPEED
	<b>DECKRAC8213</b>	A13 - JEEP 5 SPEED

	<b>DECKRAC8214</b>	A14 - SET OF 4 UNIVERSAL RUBBER HOSES (With Internal Diameters of 8,10,13,15mm)
	<b>DECKRAC8215</b>	A15 - BMW, VOLVO, AUDI, MERCEDES-BENZ, RENAULT, SAAB, FORD & JLR
	<b>DECKRAC8216</b>	A17 - AUTOMATIC GEARBOX OIL CONNECTOR FOR FILLING FROM THE BOTTOM
	<b>DECKRAC8217</b>	A17 - AUTOMATIC GEARBOX OIL CONNECTOR FOR FILLING FROM THE BOTTOM
	<b>DECKRAC8218</b>	A18 - STEPPED FITTING FOR GENERAL RUBBER HOSE CONNECTIONS IncHYUNDAI, KIA, TOYOTA, LEXUS, MITSUBISHI, ISUZU & LAND ROVER
	<b>DECKRAC8219</b>	A19 - VOLVO - BYPASS OF THE THERMOSTAT
	<b>DECKRAC8220</b>	A20 - FIAT, JEEP, LAND-ROVER
	<b>DECKRAC8221</b>	A21 - TOYOTA, SUZUKI, MAZDA
	<b>DECKRAC8222</b>	A22 - VARIOUS AISIN WARNER - BMW, MINI, VOLVO
	<b>DECKRAC8223</b>	A23 - POWERSHIFT - FORD, RENAULT, PEUGEOT, VOLVO
	<b>DECKRAC8224</b>	A24 - ZF8HP -AUDI, BMW, JAGUAR, LAND-ROVER, ALFA ROMEO, JEEP, IVECO
	<b>DECKRAC8225</b>	A25 - CITROEN, PEUGEOT
	<b>DECKRAC8226</b>	A26 - CITROEN, PEUGEOT, VOLKSWAGEN, FIAT DUCATO
	<b>DECKRAC8227</b>	A27 - DIPSTICK - FORD, JEEP, DODGE
	<b>DECKRAC8228</b>	A28 -VARIOUS GM & OPEL
	<b>DECKRAC8229</b>	A29 -AISIN & ZF -AUDI, VOLKSWAGEN, PORSCHE, LEXUS, MITSUBISHI
	<b>DECKRAC8230</b>	A30 - MERCEDES-BENZ GLK, JEEP, MITSUBISHI, GM, SUZUKI, TOYOTA
	<b>DECKRAC8231</b>	A31 - JEEP, FIAT, CHRYSLER, MERCEDES-BENZ, SUBARU
	<b>DECKRAC8232</b>	A32 - 5 SPEED ZF - MERCEDES-BENZ CLK, C, AMG
	<b>DECKRAC8233</b>	A33 - BMW, JAGUAR
	<b>DECKRAC8234</b>	A34 - GM, FIAT, FORD, JEEP, CHRYSLER VOYAGER, SAAB, MERCEDES ML
	<b>DECKRAC8235</b>	A35 - 4 SPEED -FIAT, CITROEN, PEUGEOT, RENAULT
	<b>DECKRAC8236</b>	A36 - 4 SPEED - MITSUBISHI PAJERO & SHOGUN
	<b>DECKRAC8237</b>	A37 - VARIOUS RENAULT, MITSUBISHI, NISSAN
	<b>DECKRAC8238</b>	A38 - VARIOUS MERCEDES-BENZ, RENAULT - DSG
	<b>DECKRAC8239</b>	A39 - AISIN WARNER - PEUGEOT, CITROEN
	<b>DECKRAC8240</b>	A40 - BMW X1
	<b>DECKRAC8241</b>	A41 - AISIN WARNER - PEUGEOT
	<b>DECKRAC8242</b>	A42 - 6 SPEED - MAZDA
	<b>DECKRAC8243</b>	A43 - AISIN WARNER - FIAT- CITROEN - PEUGEOT

	<b>DECKRAC8244</b>	A44 - PEUGEOT - BMW - MINI
	<b>DECKRAC8245</b>	A45 - AISIN WARNER - PEUGEOT-VOLVO
	<b>DECKRAC8247</b>	A47 - FITTING EAT8 PEUGEOT, CITROEN
	<b>DECKRAC8248</b>	A48 - AISIN WARNER 8 SPEED - GA8F22AW BMW
	<b>DECKRAC8249</b>	A49 - AISIN WARNER 8 SPEED - GA8F22AW VOLVO
	<b>DECKRAC8250</b>	A50 - BMW 8 speed (D18 mm) (ZF) - Popular on larger 'X' Range Vehicles
	<b>DECKRAC8251</b>	A51 - VOLKSWAGEN, AUDI, MITSUBISHI (ZF)
	<b>DECKRAC8252</b>	A52 - AUDI (Q7/A8), BMW (ZF / CVT)
	<b>DECKRAC8253</b>	A53 - QUICK COUPLER 90° (2 pcs) - General applications, for use in limited spaces
	<b>DECKRAC8254</b>	A54 - VOLVO (AISIN WARNER)
	<b>DECKRAC8255</b>	A55 - MERCEDES, JEEP, FIAT (ZF 9 Gtronic)
	<b>DECKRAC8256</b>	A56 - AUDI (CVT)
	<b>DECKRAC8257</b>	A57 - AUDI A8 (ZF)
	<b>DECKRAC8258</b>	A58 - AUDI (DSG 7-Speed)
	<b>DECKRAC8259</b>	A59 - LAND ROVER-VOLVO (ZF)
	<b>DECKRAC8260</b>	A60 - BMW 8 SPEED ZF8HP
	<b>DECKRAC8261</b>	A61 - 722.6 Mercedes
	<b>DECKRAC8262</b>	A62 - GENERAL USE HOSES Ø11,8 mm, IVECO, FIAT, LANCIA, OPEL
	<b>DECKRAC8263</b>	A63 - GENERAL USE HOSES Ø12,6 mm, MERCEDES, GRAN CHEROKEE, MASERATI, ALFA ROMEO
	<b>DECKRAC8264</b>	A64 - AUDI - For OAW Type Transmissions
	<b>DECKRAC8265</b>	A65 - BMW X1/X2, MINI, PEUGEOT 508 (AISIN WARNER)
	<b>DECKRAC8266</b>	A66 - RENAULT
	<b>DECKRAC8267</b>	A67 - OIL LEVEL DIPSTICK FOR MERCEDES BENZ, CHRYSLER
	<b>DECKRAC8268</b>	A68 - JEEP FREEMONT
	<b>DECKRAC8269</b>	A69 - RENAULT LAGUNA III, ESPACE IV
	<b>DECKRAC8270</b>	A70 - NISSAN JUKE (2011 - 2014)
	<b>DECKRAC8271</b>	A71 - NISSAN JUKE (2014 - 2019)
	<b>DECKRAC8272</b>	A72 - AUDI, PORSCHE, VOLKSWAGEN (7-Speed)
	<b>DECKRAC8273</b>	A73 - TOYOTA COROLLA K311-K313
	<b>DECKRAC8274</b>	A74 - VOLVO

	DECKRAC8275	A75 - NISSAN RENAULT
	DECKRAC8276	A76 - BMW X2, MINI, LAND ROVER, CAMBI GA8G45W
	DECKRAC8277	A77 - MINI, SUZUKI (90 mm) - VW, CITROEN, MINI, RENAULT, LANCIA (110 mm) - PEUGEOT & CITROEN (130 mm)
	DECKRAC8278	A78 - VW GEARBOX QPA (VW JETT)
	DECKRAC8279	A79 - MERCEDES GEARBOX 725.1 (MERCEDES CLASSE C, CLASSE GLE)
	DECKRAC8280	A80 - VOLVO GEARBOX AISIN TG-81SD (S60, S90 V60, XC60, XC90, V90)
	DECKRAC8281	A81 - FORD GEARBOX 10R80 (FORD TRANSIT, F150 RAPTOR, MUSTANG, RANGER)
	DECKRAC8282	A82 - CHEVROLET GEARBOX GM 8L45 (CAMARO)
	DECKRAC8283	A83 - BMW XDRIVE HYBRID ZF8HP
	DECKRAC8284	A84 - FORD GEARBOX AISIN TF-81SC (MONDEO PLUG-IN HYBRID)
	DECKRAC8285	A85 - JAGUAR-LANDROVER GEARBOX ZF 8HP70 (F-PACE, RANGE ROVER SPORT)
	DECKRAC8286	A86 - SSANGYONG GEARBOX DSI M11 (KORANDO)
	DECKRAC8287	A87 - ALFAROMEO GEARBOX ZF8HP75, ZF8HP50 (STELVIO, GIULIA)
	DECKRAC8288	A88 - MERCEDES 9G TRONIC, THERMOSTAT, 725.X
	DECKRAC8289	A89 - MERCEDES 8G - DCT 724.1 (W118, W177, W247)
	DECKRAC8290	A90 - MERCEDES 8G TRONIC
	DECKRAC8291	A91 - ZF9HP HONDA
	DECKRAC8292	A92 - MERCEDES 7 SPEED
	DECKRAC8293	A93 - PEUGEOT HYBRID 8 SPEED
	DECKRAC8294	A94 - LAND ROVER 8 SPEED
	DECKRAC8295	A95 - NISSAN GTR
	DECKRAC8296	A96 - VOLVO - LINC&CO
	DECKRAC8297	A97 - VOLVO MILDHYBRID
	DECKRAC8298	A98 - MERCEDES HYBRID 725.X

## CONNECTORS FOR OIL LEVEL

	DECKRAC9201	ATF-101 FITTING FOR FORD 1/8-27 NPT
	DECKRAC9202	ATF-102 FITTING FOR HONDA NISSAN
	DECKRAC9203	ATF-103 FITTING FOR AUDI SKODA
	DECKRAC9204	ATF-104 FITTING FOR AUDI PORSCHE
	DECKRAC9205	ATF-105 FITTING FOR AUDI MINI COOPER M10X1.0
	DECKRAC9206	ATF-106 FITTING FOR AUDI DSG M24X1,5
	DECKRAC9207	ATF-107 FITTING FOR AUDI CVT M22X1,5
	DECKRAC9208	ATF-108 FITTING FOR SKODA M18X1,5
	DECKRAC9209	ATF-109 FITTING FOR MERCEDES M12X1,5
	DECKRAC9210	ATF-110 FITTING FOR AUDI SKODA M30X1,5
	DECKRAC9211	ATF-111 UNIVERSAL FLEXIBLE 300 mm
	DECKRAC9212	ATF-112 FITTING 5/16 -24 UNF
	DECKRAC9213	ATF-113 FITTING FOR TOYOTA LEXUS M18X1,5
	DECKRAC9214	ATF-114 FITTING FOR NISSAN INFINITY M18X1,0
	DECKRAC9215	ATF-115 FITTING FOR VW PASSAT
	DECKRAC9216	ATF-116 FITTING FOR NISSAN JUKE M12X1,25
	DECKRAC9217	ATF-117 FITTING FOR MINI COOPER MITSUBISHI M14X1,5
	DECKRAC9218	ATF-118 FITTING FOR NISSAN M10X1,75
	DECKRAC9219	ATF-119 FITTING FOR GM M12X1,75
	DECKRAC9220	ATF-120 FITTING FOR BENZ 725-9G
	DECKRAC9221	ATF-121 FITTING FOR AUDI VW DSG

From A101 to A120 included in LEVELKIT-ATF

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