

**MAHLE**



Fluid Service  
for oil change in  
automatic transmission



**BrainBee**<sup>®</sup>  
WORKSHOP SOLUTIONS

# Fluid Service BRAIN BEE

*Introduce the oil restoration service in automatic transmission systems to your workshop. Thanks to the AGC line from BRAIN BEE you are assured of maximum professionalism and great ease of use.*

Oil change  
stations  
AGC-9280  
AGC-9250  
AGC-8290



## Why do car manufacturers recommend periodic oil changes in automatic transmission system?

- To ensure a more comfortable ride
- To extend the life and high efficiency of the automatic transmission
- To prevent system malfunctions due to gearbox oil wear

## Benefits at a glance



Line of fully automatic stations



Automatic flow direction detection



Extensive web database: more than 600 gearbox codes with images of junction points



Everything under control with the ATF Remote Viewer App (AGC-9280)



Wide coverage guaranteed by multi-brand adapters system



Dual pump: maximum performance in emptying the gearbox and the used oil tank (AGC-9280)



Exclusive recovery/recharge system (patented)



Sump Oil Recovery Function



Zero Cross Contamination guaranteed



Full Print Report

# Full Functionality

## Zero Cross Contamination



The Zero Cross Contamination function guarantees 100% cleanliness, removing oil and other types of residues, preventing possible serious damage to the automatic transmission.

With the AGC stations, you can be sure that the gearbox is always filled with oil that is free from contamination.

## Current Cycle Back Up Function



No time wasted! If an interruption occurs during an oil change procedure, flushing will be resumed from the last completed step, avoiding the need to repeat the entire cycle (AGC-9280 only)

## ATF Remote Viewer App



ATF Remote Viewer App allows the operator to freely control all execution steps. The simple and intuitive graphics makes the control of the station operation accessible at any time.

## Report printing



At the end of the gearbox oil service, AGC BRAIN BEE stations generate a full-color A4 "Service Report" that can be easily sent via WiFi (AGC-9280) or exported to a USB stick (AGC-9250; AGC-8290).

## Dipstick function



The Dipstick function allows you to work on sealed transmission systems, where the only access is the dedicated dipstick (AGC-9280 only).

## Even more powerful graphical Web Database

- New graphical procedures for junction point connections
- New database with over 600 gearbox codes
- Search by gearbox code
- Search by engine code
- Search history
- Tightening torques
- Filter OE P/N
- Technical information
- Level procedure
- Lever release procedure
- Electric vehicle safety procedure

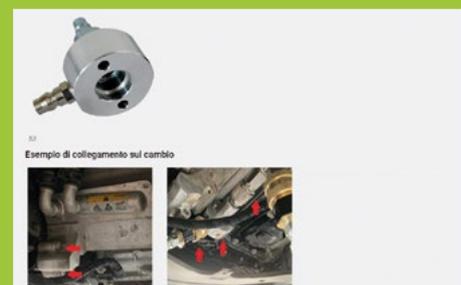
MARCHI / ALDI / Q5 (BR) /

	<b>MARCHE ALDI</b> MARCHI CANA ANNO 2008 - 2017	<b>MARCHE ALDI</b> OLIOGRUPPO TRIO TIPO CARBURANTE Diesel	<b>TIPO ELETTO</b> POTENZA 140KW
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LUBRIFICANTI E DATI TECNICI

<b>Cambio Automatico</b>		<b>Intervallo sostituzione olio</b>	
Codice cambio	00K	<b>OLIO CAMBIO AUTOMATICO 5 TRONIC</b>	ogni 60.000km
Marca cambio	VOLKSWAGEN	olio gruppo elettromeccanico	
Numero marce	7	Quantità per sostituzione	3,5
Filtro ole cambio ribaltabile	00K1221490	Quantità di riempimento totale (nuovo)	4,25
		Classificazione sem	AT
		Codice articolo	001992942

<b>Olio scatola ingranaggi</b>	
Quantità di riempimento totale (nuovo)	3,8
Classificazione sem	SAE
Codice articolo	005254942



# AGC-9280

Fully automatic, simple to use. Now with WiFi connection and Touch display.

Thanks to the large 7" touch display and the adoption of an even more powerful graphic interface, the Fluid Service AGC line allows the operator to make any automatic transmission oil flushing operation even simpler and more automatic.

The station is equipped with two pumps, for excellent performance and optimization of its characteristic functions, such as:

- Built-in Dipstick function for working on sealed transmission systems;
- Boost function, which boosts used oil drainage, speeding up oil change operations.
- Quick Discharge function: maximum speed in emptying the used oil tank

The WiFi connection enables the connection to the WEB Databank (included in the first year), constant updates and remote assistance (Re.Solve), as well as the possibility to print the final report directly from your workshop's PC (Nexus Print).

The provision of the complete online database provides complete instructions and information, supported by detailed images of each procedure.

ATF Remote Viewer App (included as standard) allows the operator to freely view all execution steps.

AGC-9280 is also equipped with 2 adapter hoses with non-drip fittings.



Adapters Kit 1-17  
included in sales configuration

## Technical Data

<b>Type of service</b>	Automatic and fully guided, 7" color touch display
<b>New oil filter</b>	90 µm mesh filter
<b>Inspection windows</b>	Oil quality visual control
<b>Dipstick function</b>	Integrated with ø 6 mm tube
<b>Zero-Cross Contamination</b>	Circuit flushing function after each oil type change
<b>Hoses</b>	2 x 3 m (service hoses), 1 x 1.5 m (for spent oil drainage)
<b>BOOST function</b>	Integrated
<b>Service report printing</b>	Via WiFi (with Nexus print), export via USB to flash drive
<b>Upper grate</b>	With joints holder functionality and collected oil measurement
<b>Pump</b>	12 L/min pump PWM controlled
<b>Boost pump and empty spent oil tank</b>	10 L/min pump
<b>Languages Menu</b>	15 languages
<b>Power supply</b>	90/240 VAC, 50-60Hz
<b>SW and Service Update</b>	Re.Solve via WiFi connection
<b>Smartphone App</b>	ATF Remote Viewer
<b>Dimensions/weight (H X B X T)</b>	120 x 74 x 74 cm, 62 kg



The oil drain grate is designed to conveniently accommodate the tools and fittings needed during operation.

# AGC-9250

The simplest, but great performance. To introduce a high profitability service on the shop floor.

Small, but powerful. Ideal for bringing ATF transmission service to the shop for the first time.

As in the most advanced model, sophisticated electronics guide all phases of operation, activating the special functions that optimize the final result: Super Detect, Automatic Recirculation Function, Automatic Flow Direction Detection, Automatic ATF Temperature Measurement, which allows flushing to start automatically when the used oil is in optimal conditions.

The database and the step-by-step process with images of the connection points are integrated into the software.

The station enables the automatic detection of oil flow direction in the transmission and prevents any damage to the system.

The exclusive software that guides the recovery/recharge processes (patented) allows for maximum performance on every type of ATF transmission.

Also in the AGC-9250, the ATF Remote Viewer App (optional) can be activated, allowing the operator to freely control all running steps.

Maximum control over new oil contamination is guaranteed by the Zero Cross-Contamination function (internal flushing of the circuit and external hoses).



Adapters Kit 1-17  
included in the sales configuration

Technical Data	
Type of service	Automatic and fully guided, 4.3" color display, keyboard
New oil filter	90µ mesh filter
Inspection windows	Oil quality visual control
Dipstick function	Integrated with ø6mm tube
Zero-Cross Contamination	Circuit flushing function after each oil type change
Hoses	2 x 3 m (service hoses)
BOOST function	--
Service report printing	Export to USB flash drive
Upper grate	Metallic with collected oil measurement
Pump	1 12 L/min hydraulic pump; PWM controlled
Languages Menu	15 languages
Power supply	90/240 VAC, 50-60Hz
SW Update   Service	USB Type A   USB Type B
Smartphone App	ATF Remote Viewer
Dimensions/weight (H X B X T)	120 x 74 x 74 cm, 62 kg



A wide range of Adapters, available in kit and single packs, enable the range AGC to cover a wide range of vehicles

# AGC-8290



## The ATF station approved by Mercedes-Benz.

The Mercedes-Benz service manual recommends regular oil changes on automatic transmissions.

Station AGC-8290 by BRAIN BEE meets all the requirements of the car manufacturer, which has therefore approved its introduction in its authorized workshops.

The simple and intuitive operation guides the user quickly through the entire automatic service procedure, with step-by-step instructions that mirror the manufacturer's specific procedure.

Transmission flushing and oil change are performed easily and completely thanks to the use of MAHLE 10 µm filters (flushing with oil only - no additives).

Dedicated App increases productivity on the shop floor.

Visualization of process steps directly on the display or via App on smartphones, whether you are near the vehicle or inside it.

Interchangeable canister for quick change of oil types and guaranteed purity through an internal washing process (Zero-cross).

Automatic detection of oil flow direction in the transmission.



### Technical Data

<b>Type of service</b>	Automatic and fully guided, 4.3" color display, keyboard
<b>New oil filter</b>	90 µm mesh filter
<b>Waste oil filter</b>	MAHLE oil flushing/cleaning filters 10 µm
<b>Waste oil filter control</b>	Continuous monitoring of filters and warning of upcoming replacement
<b>Inspection windows</b>	Oil quality visual control
<b>Zero-Cross Contamination</b>	Circuit flushing function after each oil type change
<b>Hoses</b>	2 x 3 m (service hoses), 1 x 1.5 m (for spent oil drainage)
<b>BOOST function</b>	Integrated
<b>Service report printing</b>	Export via USB to flash drive
<b>Upper grate</b>	Metallic with collected oil measurement
<b>Pump</b>	12 L/min pump PWM controlled
<b>Boost pump and empty spent oil tank</b>	10 L/min pump
<b>Languages Menu</b>	15 languages
<b>Power supply</b>	90/240 VAC, 50-60Hz
<b>SW Update   Service</b>	USB Type A (USB 2.0 flash drive)   USB Type B (direct to PC)
<b>Smartphone App</b>	ATF Remote Viewer
<b>Dimensions/weight (H X B X T)</b>	120 x 74 x 74 cm, 65 kg



Quick-release couplings: direct connection to the original Mercedes-Benz adapter

ATF stations	AGC-9280	AGC-9250	AGC-8290
<b>New/spent oil canister:</b>			
Capacity	25 L	25 L	20 L
Weight measurement	Scale	Scale	Scale
Additive container	500 ml	500 ml	-
<b>Drain grate for gearbox pan</b>	With joints holder functionality and collected oil measurement	Metallic with collected oil measurement	Metallic with collected oil measurement
<b>Hydraulic circuit:</b>			
Delivery pump	12 L/min single stage gear	12 L/min single stage gear	12 L/min single stage gear
Boost Pump	10 L/min single stage gear	-	10 L/min single stage gear
Pump displacement	3.6 cm <sup>3</sup>	3.6 cm <sup>3</sup>	3.6 cm <sup>3</sup>
<b>Filters:</b>			
New oil	Stainless steel mesh   90 µm	Stainless steel mesh   90 µm	Stainless steel mesh   90 µm
Spent oil	Stainless steel mesh   90 µm	Stainless steel mesh   90 µm	Filter 10 µm
<b>Hydraulic Equipment:</b>			
Net length of service hoses 1 and 2	3 m	3 m	3 m
Length of spent oil emptying hose	1,5 m	-	1,5 m
<b>User Interface:</b>			
Display	Touch Screen 7" colors	LCD 4.3"	LCD 4.3"
Keyboard	--	Membrane	Membrane
Software update	Via WiFi connection	USB type A	USB type A
Service	Re.Solve via WiFi	USB type B	USB type B
<b>Functions and Features:</b>			
Fully AutomaticMode	+	+	+
ATF Charge	+	+	+
ATF Recovery	+	+	+
Flushing A/T	+	+	+
Additive Injection	+	+	-
Zero-Cross ontamination	+	+	+
Emptying of spent ATF tank	Dedicated pipeline	Adapter on tube 1	Dedicated pipeline
Boost function	+	-	+
Web data bank	1 <sup>st</sup> year free	Optional	-
Dipstick function	+	-	+
Thermal printer	-	-	+
Backup function	+	-	-
<b>Power supply:</b>			
Frequency	50-60 Hz	50-60 Hz	50-60 Hz
Voltage	90/240 VAC	90/240 VAC	90/240 VAC
Power	500 W	500 W	500 W
Thermal switch	12 A	12 A	12 A
<b>Environmental conditions:</b>			
Operating Temperature	5-50°C	5-50°C	5-50°C
Humidity	10-90% RH (non condensing)	10-90% RH (non condensing)	10-90% RH (non condensing)
<b>Dimensions:</b>			
LxWxH	740 x 740 x 1200 mm	740 x 740 x 1200 mm	740 x 740 x 1200 mm
Empty weight	approx. 62 kg	approx. 62 kg	approx. 65 kg



# BRAIN BEE Adapter Kits

*Thanks to the large number of adapters available, 90% of the automatic transmissions on the market is covered. The correct adapter is indicated on the station display, so peace of mind is guaranteed.*



## Adapter Kits

Code	Article	Description
<b>included with AGC</b>	ADAPTERS KIT 1-17	Fitting kit (17 fittings) from no. 1 to no. 17
<b>1010320108XX</b>	ADAPTERS KIT 18-33	Fitting kit (16 fittings) from no. 18 to no. 33
<b>1010320106XX</b>	ADAPTERS KIT 34-47	Fitting kit (14 fittings) from no. 34 to no. 47
<b>1010320107XX</b>	ADAPTERS KIT 48-60	Fitting kit (13 fittings) from no. 48 to no. 60

# BRAIN BEE Adapter Kits

Adapters Kit 1-17				
Code	Description	Models	Variants	
-	<b>1</b>	AUDI, BMW, FORD, MERCEDES-BENZ, RENAULT, SAAB, VOLVO	Various Transmission Type D.14 mm	
-	<b>2</b>	AUDI, BMW, FORD, JAGUAR, MERCEDES (722.9), RENAULT, RANGE-ROVER, SAAB	Various Transmission Type D.12 mm	
-	<b>3</b>	AUDI, JEEP, VOLKSWAGEN	Various Transmission Type M18 x 1.5	
-	<b>4</b>	ALFA ROMEO, CITROEN, LANCIA, MAZDA, OPEL, RENAULT, SUBARU	Various Transmission Type	
-	<b>5</b>	ALFA ROMEO, AUDI, BMW (8 SPEED), IVECO, JAGUAR, JEEP, LAND-ROVER	ZF D.16.80 mm	
-	<b>5A</b>	BMW (8 SPEED)	ZF D. 18 mm	
-	<b>6</b>	CHRYSLER, FIAT, JEEP, MERCEDES-BENZ, SUBARU	Various Transmission Type	
-	<b>7</b>	AUDI, MERCEDES-BENZ, MITSUBISHI	Various Transmission Type M16 x 1.5	
-	<b>8</b>	JAGUAR, MERCEDES- BENZ, SSANGYONG	Various Transmission Type M14 x 1.5	

## Adapters Kit 1-17

Code	Description	Models	Variants	
-	<b>9</b>	JAGUAR, MERCEDES-BENZ, MITSUBISHI, SSANGYONG	5-SPEED	
-	<b>10</b>	BMW, LAND ROVER, MAZDA, MERCEDES-BENZ,	5-SPEED D.14.30	
-	<b>11</b>	AUDI, BMW, VOLKSWAGEN	ZF6HP28 (0B6-0B9) GA6HP32Z	
-	<b>12</b>	AUDI, LEXUS, MITSUBISHI, PORSCHE, VOLKSWAGEN	AISIN TF-60SN (09B)	
-	<b>13</b>	VOLVO	Various Transmission Type M12 x 1.25	
-	<b>14</b>	HYUNDAI, ISUZU, KIA, MITSUBISHI, TOYOTA	Various Transmission Type	
-	<b>15</b>	PIPES FOR GENERAL USE Diameter 10 - 13 - 15mm	Hoses diam.10-13-15 mm	
-	<b>16</b>	AUDI, SEAT, SKODA, VOLKSWAGEN	DSG VW	
-	<b>17</b>	ALFA ROMEO, CITROEN, FIAT, JEEP, OPEL	AISIN TF-80 SC, AM6 JATCO JF506E/1	

# BRAIN BEE Adapter Kits

Adapters Kit 18-33				
Code	Description	Models	Variants	
1010320023XX	18	MITSUBISHI, NISSAN, RENAULT	RENAULT FKO, JATCO JF011E-JF613E-JF712	
1010320024XX	19	BMW, FIAT, JEEP, LAND-ROVER	ZF9HP48 (AT9)	
1010320025XX	20	TRANSMISSION DIPSTICK DODGE, FORD, JEEP	ZF9HP48	
1010320026XX	21	MERCEDES-BENZ, RENAULT	MERCEDES 7G-DCT	
1010320027XX	22	FORD, PEUGEOT, RENAULT, VOLVO	POWERSHIFT 6DCT-450 RENAULT DW6 VOLVO MPS6	
1010320028XX	23	MAZDA, SUZUKI, TOYOTA	CVT K311-K316	
1010320029XX	24	CITROEN, FIAT, PEUGEOT, RENAULT	DP0 - 4SPEED	
1010320030XX	25	AUDI (Q7/A8), BMW	ZF / CVT	
1010320031XX	26	MITSUBISHI PAJERO	VA4A51/VA5A41	

## Adapters Kit 18-33

Code	Description	Models	Variants	
1010320032XX	27	AUDI	Various Transmission Type M22x1.5	
1010320033XX	28	GM	Various Transmission Type M12 x1.25	
1010320034XX	29	DODGE, GM, JEEP, OPEL	4-Speed M16x1.5	
1010320035XX	30	JEEP	5-Speed M12	
1010320036XX	31	RENAULT	TRANSMISSION AJ0 LAGUNAIII-ESPACE IV	
1010320037XX	32	QUICK COUPLER 90° (2 pcs)	-	
1010320038XX	33	Dipstick for CHRYSLER, MERCEDES-BENZ,	DIPSTICK OIL LEVEL	

# BRAIN BEE Adapter Kits

Adapters Kit 34-47				
Code	Description	Models	Variants	
1010320054XX	34	GM, JEEP, MITSUBISHI, MERCEDES GLK, SUZUKI, TOYOTA	Various Transmission Type	
1010320055XX	35	VOLVO XC60, V60	AISIN TF 80 SC WITH THERMOSTATIC VALVE	
1010320056XX	36	AMG, MERCEDES-BENZ CLK, C	5-Speed	
1010320057XX	37	CITROEN, PEUGEOT	Various Transmission AISIN AT6III / EAT6	
1010320058XX	38	CHRYSLER VOYAGER, FIAT, FORD, GM, JEEP, MERCEDES ML, SAAB,	Various Transmission Type	
1010320059XX	39	BMW, JAGUAR	Various Transmission Type	
1010320060XX	40	DODGE RAM, GM	Various Transmission Type 3/4"-18UNS	
1010320061XX	41	CITROEN, FIAT DUCATO, PEUGEOT, VOLKSWAGEN	ZF 4HP20	
1010320062XX	42	BMW, MINI, VOLVO	AISIN TG 81	

## Adapters Kit 34-47

Code	Description	Models	Variants	
1010320073XX	43	VOLVO	AISIN AW55-50	
1010320082XX	44	FIAT, JEEP, MERCEDES	9 Gtronic	
1010320089XX	45	CITROEN, PEUGEOT 3008	AISIN AWF8G30	
1010320090XX	46	BMW X1, MINI, SUZUKI	TF71 6 SPEED GA6F21AW / GA8F22AW	
1010320091XX	47	Transmission oil filling MERCEDES	9 Gtronic 725 9 Gtronic	
1010320123XX	-	UNIVERSAL EXTENSION HOSE ADAPTER	-	

# BRAIN BEE Adapter Kits

Adapters Kit 48-60				
Code	Description	Models	Variants	
1010320092XX	48	OPEL, PEUGEOT	AISIN AM8 AISIN ATN8	
1010320093XX	49	JEEP FREEMONT	Various Transmission Type	
1010320094XX	50	RENAULT LAGUNA III, ESPACE IV	RENAULT JF011E/CVT2	
1010320095XX	51	AUDI	CVT	
1010320096XX	52	AUDI A8	CVT VT1F DIAM.12 mm	
1010320097XX	53	AUDI	7-Speed 0CK/0CJ/0CL/0HL	
1010320098XX	54	MAZDA	6-Speed FWA6A-EL/GW6AX-EL	
1010320099XX	55	NISSAN JUKE (2011 - 2014)	JACTO F1CJA/W1CJA/ JF011/REOF10 ROUND EXCHANGER 21606-3TX0A	
1010320100XX	56	NISSAN JUKE (2014 - 2019) J12	JACTO F1CJA/W1CJA/ JF011/REOF11 SQUARE EXCHANGER 21606- 3JX0A	

Adapters Kit 48-60				
Code	Description	Models	Variants	
1010320101XX	57	CITROEN, FIAT, PEUGEOT	AISIN AM6III/AM6	
1010320102XX	58	FIAT 500X, FORD, JEEP GRAND CHEROKEE, LAND ROVER, VOLVO	CFT23 ZF 9HP48 DIAM.12.6mm	
1010320103XX	59	CITROEN DS7 2018- C6 2017-C5 AIRCROSS 2017 PEUGEOT 4008 (P84)- 5008 2017	AISIN ATN8	
1010320104XX	60	PEUGEOT, VOLVO	AISIN TF71SC	
1010320123XX	-	UNIVERSAL EXTENSION HOSE ADAPTER	-	

# BRAIN BEE Other Adapters

Other Adapters				
Code	Description	Models	Variants	
1010320105XX	61	MERCEDES	ZF	
1010320112XX	62	CITROEN, FIAT, SAAB, VOLVO	AISIN	
1010320113XX	63	VARIOUS ADAPTER	Various Transmission Type	
1010320114XX	64	MERCEDES	7-Speed	
1010320115XX	65	AUDI, VOLKSWAGEN	Various Transmission Type	
1010320125XX	66	AUDI, PORSCHE, VOLKSWAGEN	7-Speed DL501-7A (PDK)/A97.01/ A97.31	
1010320126XX	67	PEUGEOT 508, VOLVO	-	
1010320127XX	68	TOYOTA IQ	All	
1010320128XX	69	BMW X1/X2/SERIE 2	GA8G45W	
1010320129XX	70	AUDI A6 (DAL 2011)	7-Speed LIVELLO CAMBIO DSG	

Other Adapters				
Code	Description	Models	Variants	
1010320136XX	71	ALFA ROMEO STELVIO/ GIULIA	ZF8HP75/ ZF8HP50	
1010320137XX	72	BMW	ZF8HP45/ ZF8HP50/ ZF8HP50X/ZF8HP50Z/ ZF8HP51/ZF8HP51Z/ ZF8HP75	
1010320138XX	73	VOLVO	AISIN TG-81 SD	
1010320139XX	74	FORD	FORD 6R80/FORD 10R80	
1010320140XX	75	SKODA, VOLKSWAGEN	AQ250-QPA	
1010320141XX	76	MERCEDES	725.121 / 725.181	
1010320142XX	77	PORSCHE	911(992)	
1010320144XX	78	VOLVO	AWF8G55	

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