



SUBJECT

VAG engines: 1.6 TDI, 2.0 TDI (EA288 engine)

PRODUCTS DESIGNATIONS

VKMC 01278-2
VKPC 81278-1

CAR MANUFACTURERS - BRANDS



AUDI: A3, A4, A5, Q3, Q5, TT*

SEAT: LEON, TARRACO (KN2), ALHAMBRA (710, 711), ATECA (KH7, KHP), IBIZA V (KJ1)*

SKODA: OCTAVIA III, KAROQ, RAPID, SUPERB III, YETI (5L), KODIAQ (NS7, NV7)*

VW: T-CROSS (C11), GOLF VII, BEETLE, SCIROCCO III, PASSAT B8, CADDY IV*



SKF Kit

OE number (equivalency)

VKPC 81278-1
VKMC 01278-2

04L 121 011 EX - 04L 121 011 LX - 04L 121 011 N

SKF is offering a Switchable water pump fully interchangeable to the above engines. The SKF Water pump VKPC 81278-1 is in line with OE product quality and performance.

SKF Aquamax Switchable



VKMC 01278-2

Timing belt and water pump kit
With Switchable mechanism
Without Actuator



VKPC 81278-1

Water pump kit
With Switchable mechanism
Without Actuator

VKMC 01278-2 / VKPC 81278-1 Aquamax Switchable water pump

General mounting recommendations

Switchable water pumps have a sensitive internal mechanism and therefore the recommendations below are particularly important.

- Do not touch the coolant pump without suitable gloves.
- Do not rotate the impeller or the bearing by hand.
- Do not touch or displace the **metal slider**. The pump must be mounted with the **metal slider in** delivered position.

Actuator mounting recommendations

1) Remove the water pump and dismount the actuator that will be re-used

2) Fit the SKF Aquamax Switchable water pump with the Actuator



NOTE : If the actuator is not fitted correctly, defect code and warning light may appear on the car dashboard!

Warning :

IF There is noise coming from the belt drive when the engine is started. This can be related to an incorrect belt tension setting or that the injector pump synchronization has been lost.

The pump can make some noise during the initial start-up. When the pump is running the pump will be lubricated by the coolant and the noise will disappear.

SKF always recommends the service maintenance to be performed by a qualified mechanic and to always follow the OE installation recommendations.

Additional Resources

Follow complete installation procedure on our YouTube channel, just click [here](#).

Refer also to the tensioner case study PTI_VKM_11278_EN_0323

https://vehicleaftermarket.skf.com/images/products/pdf/PTI_VKM_11278_EN_0323.PDF

In all cases SKF recommends to strictly follow the car maker installation instructions and all car services to be performed by a qualified professional mechanic.



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Contact SKF Technical Support to help resolve your automotive problems and answer your questions: helpline@skf.com