VKPC 91416

Technical Bulletin – April 2015

TOYOTA Carina VI, Corolla VII/VIII – 1.6 (Engine code 4A-FE)

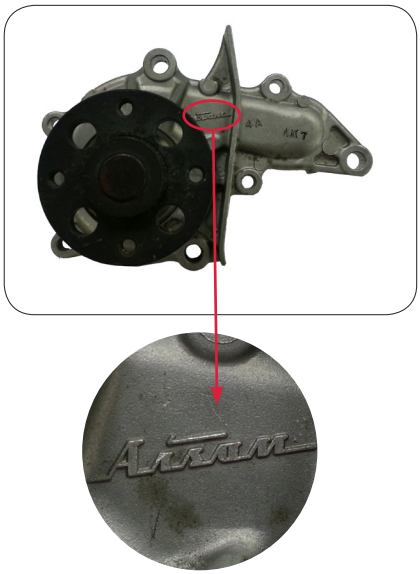
VKPC 91416 Fitting instructions – only for **AISIN** brand marked on the water pump body

OE Nb: 16110-19205

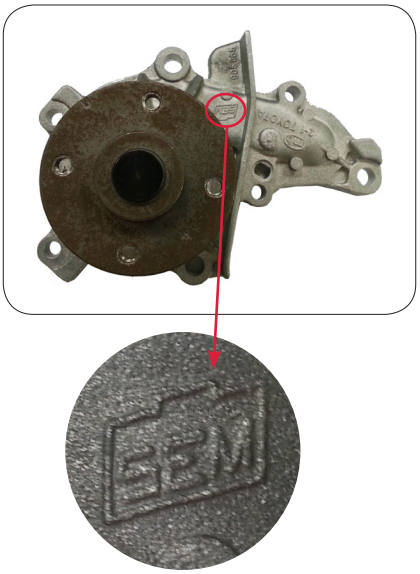
Installation of the SKF Water pump VKPC 91416

For the above mentioned applications, Toyota (OEM) has used during the carline production three different water pump suppliers. The different brands can be identified on the water pump body (see below).

"AISIN" Brand
OE Nb: 16110-19205



"Aisan" Brand
OE Nb: 16110-19146

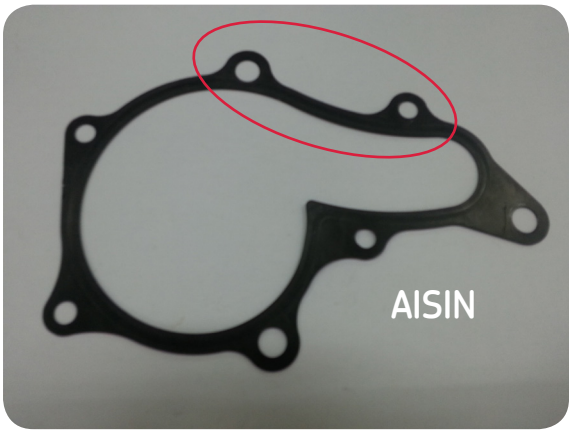


"SEM" Brand
OE Nb: 16110-09021

Note! SKF Water pump VKPC 91416 can only be installed on engines equipped with an Aisin waterpump and with the corresponding AISIN back-housing.

Mixing-up with the 2 other waterpump brands Aisan or SEM will lead to following issues:

- Hitting/Scrapping of the VKPC 91416 impeller at the Aisan or SEM back-housing.
- Difficulties/Impossibily to install VKPC 91416 since impeller blades are too big for the backhousing.
- Coolant leakage: AISIN and SEM are not interchangeable. (See below)



Conclusion and recommendations

A. Always check the waterpump brand fitted on the car before starting the repair.
B. VKPC 91416 is designed to replace ONLY an AISIN OE water pump combined with an AISIN back-housing.
C. Mixing up all other sorts of combinations with AISIN or SEM back-housings and gaskets will lead to serious problems as decribed above.

Install confidence
www.vsm.skf.com

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