

**0017** Technical Service Information**Subject: Rotary shaft seals****Relates to: 81-19299-10
81-34367-00
81-34368-00****Make: Volkswagen****Model(s): Various****Engine code: Various****Rotary shaft seal
WD 81-19299-10 – Replacement**

Dear Customer,

Volkswagen AG has replaced the FPM rotary shaft seal 068 103 085 E (corresponds to **81-19299-10**) on various engines with the following PTFE rotary shaft seals.

- PTFE rotary shaft seal 038 103 085 C (corresponds to **81-34367-00**) and/or
- PTFE rotary shaft seal 028 103 086 A (corresponds to **81-34368-00**).

Caution: Please observe the direction of rotation of the shaft when selecting the PTFE rotary shaft seal.

FPM rotary shaft seal 81-19299-10 [32x47x10 A SL WD FPM]

- corresponds to OE 068 103 085 E
- with both-handed twist
- suitable for clockwise or anti-clockwise shaft rotation

PTFE rotary shaft seal 81-34367-00 [32x47x10 A SL RD PTFE ACM]

- corresponds to OE 038 103 085 C
- with right-handed twist
- suitable for clockwise shaft rotation

PTFE rotary shaft seal 81-34368-00 [32x47x10 A SL LD PTFE ACM]

- corresponds to OE 028 103 086 A
- with left-handed twist
- suitable for counter-clockwise shaft rotation

Yours sincerely
Your VICTOR REINZ Service Team



Figure 1_WD 81-19299-10



Figure 2_WD 81-34367-00



Figure 3_WD 81-34368-00

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