

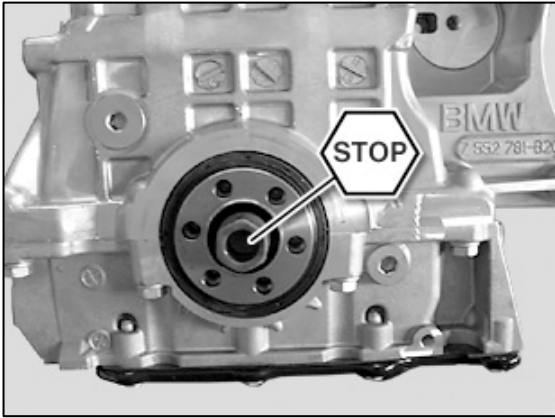
# ET1888A

## BMW (N20 | N26) FRONT CRANKSHAFT SEAL REMOVAL / INSTALLATION KIT



- For replacing the front crankshaft seal
- Applications: BMW N20 | N26
- BMW OEM Equiv: 110 371 | 110 372 | 2 212 822 | 119 231 | 119 233

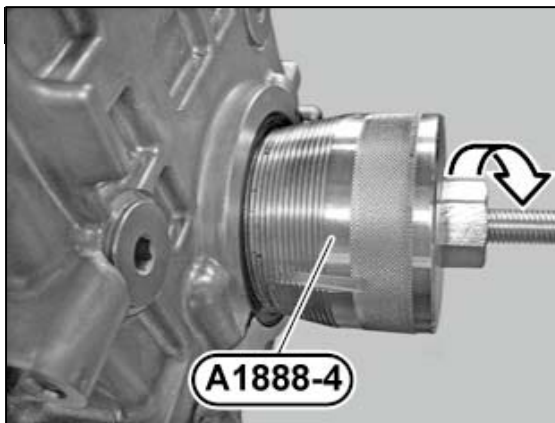
## Instruction:



### **Important!**

#### **Do not release central bolt.**

If the central bolt is released, the sprockets of the timing chain and the oil pump will no longer be non-positively connected to the crankshaft. Intake and exhaust camshafts can turn in relation to crankshaft.

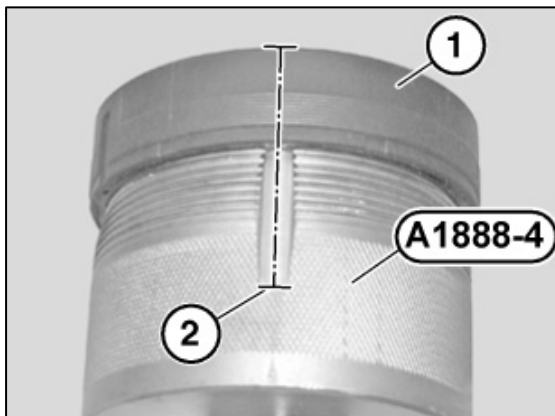


Screw special tool A1888-4 to 50 Nm into radial shaft seal.

Screw in spindle A1888-3.

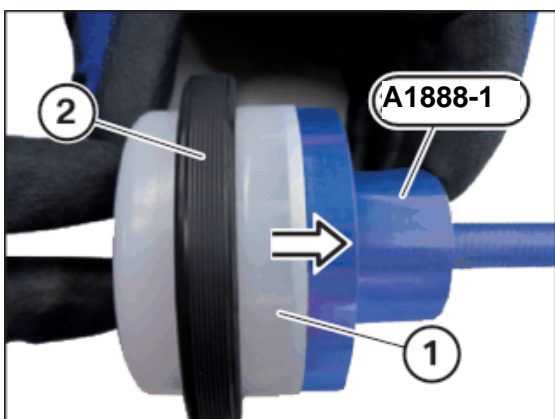
Release crankshaft seal from housing.

Repeat the operation several times if necessary.



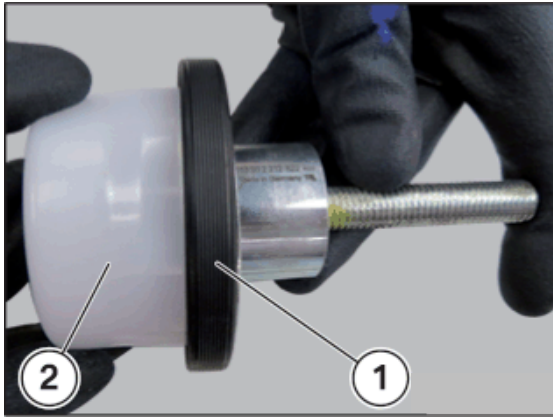
Carefully saw open crankshaft seal (1) at cutting line (2).

Remove crankshaft seal (1) from special tool A1888-4.



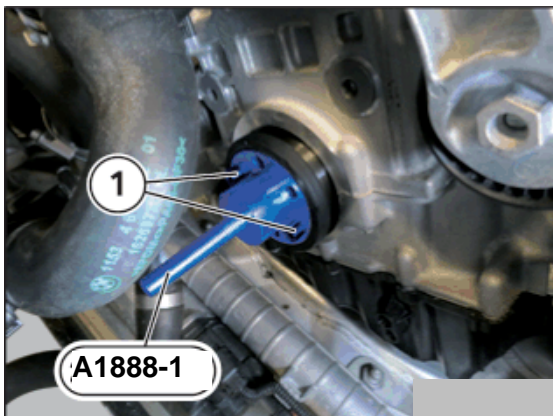
Connect supporting sleeve (1) to special tool A1888-1.

Position radial shaft seal (2) carefully in direction of arrow on special tool A1888-1.

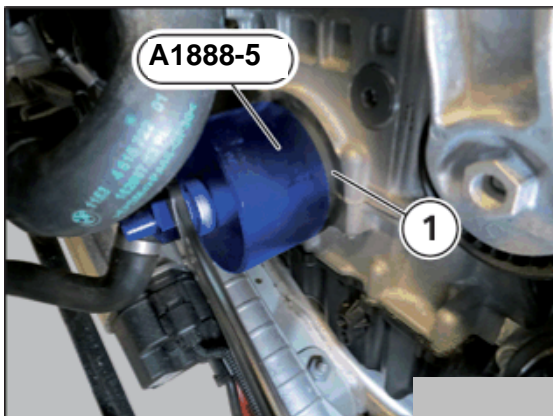


Slide the radial shaft seal (1) all the way home.

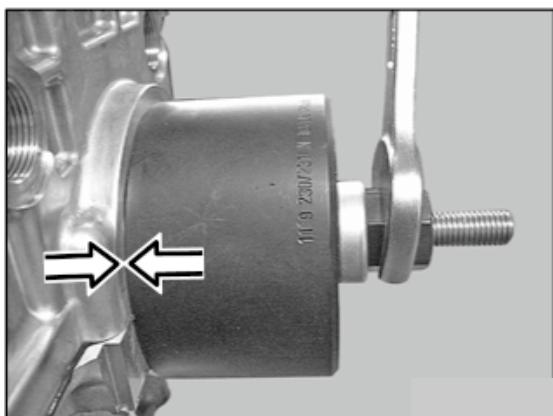
Remove supporting sleeve (2).



Secure special tool [A1888-1](#) to the crankshaft with 2 screws.



Align radial shaft seal (1) in parallel with the special tool [A1888-5](#) for housing separation.



Draw in radial shaft seal with special tool [A1888-5](#) in conjunction with special tool [A1888-6](#) until flush.