

Viton (FKM) Alternator Bracket Gasket for BMW N62 Engine

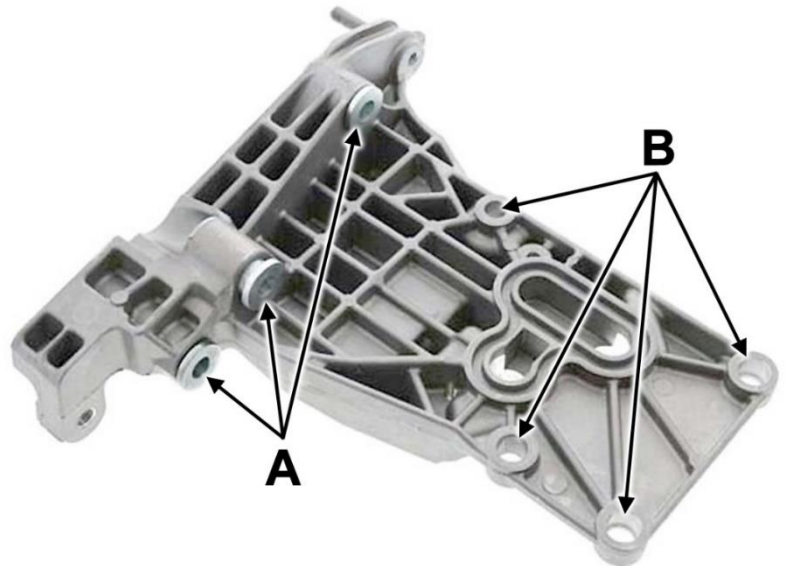
12 31 7 507 808-PRM (w/ Oil Thermostat), 12 31 7 507 807-PRM (w/o Oil Thermostat)

STEP 1

Remove alternator bracket per BMW factory manual. Clean bracket, making sure that gasket area (which is part of lubrication system) is completely clean.

STEP 2

Using hex key, adjust the threaded bushings (A) until there's no gap between flanges and the bracket.



STEP 3

Clean and *lightly* grease the guide tubes located on engine block.

STEP 4

Lubricate both sides of new gasket with a dab of silicone grease and insert into groove in bracket.

STEP 5

Press bracket against engine block and hand-snug the single M8 bolt and three M10 bolts (B). Using a small mirror to aid observation, verify that the gasket remains in the groove, the two guide tubes are properly seated, and the gap between the bracket and the block is an even width.

STEP 6

Gradually tighten the four bolts (B) using a **criss-cross pattern** to ensure even gasket compression, and torque to factory specifications. (*Warning: uneven tightening can crack the bracket.*) Using mirror, verify that mounting points are flush against block.

STEP 7

Use hex key to back out threaded bushings (A) until bushing flanges are snug against the front of the engine block, but DO NOT tighten bushings. (*Tightening bushings can crack the bracket.*)

STEP 8

Insert the two short bolts and the one long bolt through the bushings on the front of the bracket, then tighten and torque bolts. This completes installation of alternator bracket on engine block.



Installation by a professional technician is recommended. Refer to the factory repair manual for vehicle-specific service procedures for this part. Tighten all hardware to factory torque specifications and observe all repair manual cautions and warnings. Use safety stands whenever beneath a vehicle and always wear protective eyewear.