

2009-2014 Volkswagen Tiguan | Advanced | 2-3 hours | \$215 DIY

TOOLS

24mm Socket 13mm Socket Torque Wrench
Socket Extensions Jack Stands Trim Tool
Set Brake Parts Cleaner Safety Glasses
M9 Triple Square Bit T25 Torx Socket

PARTS

Water Pump TRQ WPA92744 \$99.95
Water Pump and Thermostat Module
06H121026DD \$115.00

STEPS

- 1 Cool the engine and drain the cooling system - On the 2009-2017 VW Tiguan: work only on a cold engine.** Disconnect the negative battery cable if required for accessory clearance. Drain coolant into a pan from the radiator petcock or lower hose. Dispose of coolant properly.
- 2 Remove belts and parts blocking the pump and thermostat - On the 2009-2017 VW Tiguan:** remove the serpentine belt and any pulleys, covers, or intake pieces blocking the water pump and thermostat housing. Photograph hose routing before disconnection.
- 3 Remove the thermostat housing and thermostat - On the 2009-2017 VW Tiguan: disconnect** hoses at the thermostat housing, unbolt the housing, and remove the old thermostat and gasket/O-ring. Note thermostat orientation (spring toward the engine on most designs).
- 4 Unbolt and remove the water pump - On the 2009-2017 VW Tiguan: unbolt the water pump and** carefully separate it from the block/timing cover. Scrape old gasket material thoroughly without gouging aluminum. Compare the new pump impeller and weep-hole style to the old unit.
- 5 Install the new pump and thermostat with fresh seals - On the 2009-2017 VW Tiguan:** install the water pump with a new gasket/seal and torque bolts in sequence. Install the new thermostat and housing gasket/O-ring in the correct orientation; torque housing bolts evenly. Refit hoses with quality...
- 6 Refill, bleed air, and leak-check both repairs - On the 2009-2017 VW Tiguan: refit the** belt and accessories. Refill with the correct coolant mix and bleed air per the vehicle procedure (heater on high helps). Warm the engine, verify the thermostat opens (upper hose gets hot), confirm no...