

2021-2023 Hyundai Santa Fe | Advanced | 1-2 hours | \$150 DIY

TOOLS

10mm Socket 12mm Socket Flathead
Screwdriver Jack Stands Drain Pan
Torque Wrench Pliers Funnel Gloves
Safety Glasses

PARTS

Thermostat Assembly \$30.79
Thermostat Housing \$102.87

STEPS

- 1 Cool the engine and drain some coolant - Work only on a cold engine. Place a drain pan** under the radiator petcock or lower hose and drain enough coolant to bring the level below the thermostat housing. Capture coolant for reuse or proper recycling. Wear gloves and eye protection.
- 2 Locate and expose the thermostat housing - Find the thermostat housing on the Hyundai** Santa Fe - typically at the engine end of the upper radiator hose or on a coolant housing. Remove an engine cover, air-intake tube, or heat shield if it blocks bolt access. Note hose routing and...
- 3 Remove the housing and old thermostat - Disconnect the radiator hose if needed, then** remove the housing bolts. Twist gently to break the gasket seal - do not pry against thin aluminum. Lift off the housing and remove the thermostat. Note spring/jiggle-pin orientation for reas...
- 4 Clean mating surfaces - Clean all old gasket material or RTV from the housing and engine** mating surfaces without gouging aluminum. Inspect the housing for warpage or corrosion. Replace the rubber gasket or O-ring; never reuse a crushed seal.
- 5 Install the new thermostat and housing - Install the new thermostat in the correct** orientation (spring toward the engine on most designs; jiggle pin at the specified clock position if required). Fit the new gasket, reinstall the housing, and tighten bolts evenly to the specified...
- 6 Refill, bleed, and verify temperature - Refill with the correct coolant type. Bleed air** per the vehicle procedure, then run to operating temperature and confirm the upper hose gets hot (thermostat opened) and the gauge stays normal. Recheck the level after cooldown and inspect f...