# 2008-2012 Chevrolet Malibu - Thermostat Replacement



**2008-2012 Chevrolet Malibu | Moderate | 1-2 hours | $30 DIY**

**TOOLS**

10mm Socket Flathead Screwdriver Jack Stands Drain Pan Torque Wrench

**PARTS**

Thermostat Housing Gasket ACDELCO-15-35005 $10.00
Coolant $20.00

## STEPS

1. **Cool the engine and drain some coolant - Work only on a cold engine. Place a drain pan** under the radiator/lower hose and drain enough coolant to bring the level below the thermostat housing. Capture coolant for reuse or recycling. Wear gloves and eye protection.
2. **Locate and expose the thermostat housing - On the 2008-2012 Chevrolet Malibu: find the** thermostat housing - usually on the engine end of the upper radiator hose, or on a housing fed by a smaller coolant pipe. Remove engine covers, an air-intake tube, or a heat shield if they bloc...
3. **Remove the housing and old thermostat - Twist gently to break the gasket seal - do not** pry against thin aluminum. Lift off the housing and remove the thermostat. Note which direction the spring/jiggle pin faced.
4. **Clean mating surfaces - Clean all old gasket material or RTV from the housing and engine** mating surfaces without gouging aluminum. Check the housing for warpage or corrosion. Replace the rubber gasket/O-ring; do not 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 prescribed clock position if specified). Fit the new gasket, reinstall the housing, and tighten bolts evenly to the specifie...
6. **Refill, bleed, and verify temperature - Refill with the correct coolant. Bleed air, then** run the engine until it reaches operating temperature and confirm the upper radiator hose gets hot (thermostat opened) and the gauge/reading is normal.

ezcarfix.com