2006-2013 Chevrolet Impala - Engine Air Filter

2006-2013 Chevrolet Impala | Easy | 10-15 minutes | $35 DIY

TOOLS
No tools required - clips release by hand
Shop vacuum or clean damp rag Flashlight

PARTS
Engine air filter for 2006-2013 Chevrolet Impala; verify engine, housing shape, and VIN fitment $35.00

STEPS

1. **Locate the driver's-side airbox - Open the hood; the rectangular black airbox is on the** driver's side with the intake duct to the throttle body. 2006-2011 (3.5L, 3.9L, 5.3L SS) and 2012-2013 (3.6L) use this same clip-together box. Mind the sensor wiring in the duct.
2. **Flip off the four spring clips by hand - Four metal spring clips hold the lid - no tools** needed. Hook a fingertip under each and flip it outward; they stay hinged to the box. If a clip feels frozen, wiggle it gently - a screwdriver bends them.
3. **Tilt the lid aside without straining the duct - Tilt the lid toward the engine, leaving** the duct attached if there's slack. Don't touch the MAF sensor's wires - skin oil causes erratic idle and a check-engine light. If the duct won't reach, loosen its clamp.
4. **Remove the old filter and clean the box - Lift the old filter out - pleats up, sealing** edge down in the channel. Vacuum leaves and grit out; Impalas collect debris here. Check for cracks near the clip hinges - a cracked box won't hold the lid tight.
5. **Seat the new filter in the lower half - Set the new filter so its gasket lies flat in the** channel - it only fits one way, so rotate rather than press harder if it rocks. 2012-2013 3.6L cars take a different element than 2006-2011 cars; confirm fitment.
6. **Re-latch all four clips and check the seal - Lower the lid without kinking the duct and** snap all four clips - count them: four, not three. Run a finger around the seam; it should be even and tight. One unlatched clip lets air bypass and whistles under throttle.
7. **Start the engine and confirm a smooth idle - Start the Impala and idle a minute,** listening for whistling. Take a short drive - it should pull smoothly with no new noises. Check the filter at every oil change; replace when the pleats turn gray, roughly every 30,000 miles.

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