2014-2024 Infiniti Q50 - Engine Air Filter

2014-2024 Infiniti Q50 | Easy | 10-20 minutes | $20 DIY

TOOLS
Screwdriver or socket (if housing uses screws) Rag or shop vacuum Gloves

PARTS
Engine air filter (x2 on V6 models) $20.00

STEPS

1. **Prep and locate the air box - Park on level ground, set the parking brake, and shut the** engine off; let the engine cool. Count your airboxes before buying parts: V6 models (3.5L, 3.7L, 3.0L twin-turbo) use TWO filters, one per box flanking the engine (K&N 33-5014 notes...
2. **Open the air filter housing - On each airbox, flip the black steel U-shaped clips off** their catches and lift the lid straight up. Work each clip carefully -- the clips and plastic mounting blocks are a known weak point, and a damaged mount costs several hundred dollars...
3. **Remove the old filter and clean - Lift the old filter out of each housing and compare** with the replacements -- the 3.7L takes OE filter 16546-ED500, for example. Vacuum each box bottom and wipe the sealing lips, keeping debris out of the intake openings. Service both sides...
4. **Install the new filter - Seat a fresh filter in each housing, rubber seal fully in the** groove, matching the old orientation. Press each flat with no raised corners -- they should drop in without force. A pinched edge keeps the lid from sealing. On V6s buy both fil...
5. **Reseal and verify - Refit both lids and re-engage every U-shaped clip until fully latched** -- finger-check each lid for an even seal. Verify both intake tube connections are snug. Start the engine, idle a minute, and listen for hissing or whistling at either b...

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