

2014-2024 Infiniti Q50 | Advanced | 2-3 hours | \$150 DIY

TOOLS

10mm Socket Flathead Screwdriver Jack
Stands Torque Wrench Ratchet Wrench
Extension Bar Pliers Rubber Mallet
Socket Set Screwdriver Set

PARTS

Intake Manifold Gasket 14035-6N21A \$30.00
Turbo Inlet Hose 14410-6N21A \$50.00
Throttle Body Gasket 16176-6N21A \$20.00

STEPS

- 1 Cool the engine and disconnect the battery - On the 2014-2024 Infiniti Q50 VR30: work on** a cold engine. Disconnect the negative battery cable. Cover fenders. Note boost/leak or rough-idle symptoms before disassembly.
- 2 Remove the turbo inlet pipe and related hoses - On the 2014-2024 Infiniti Q50 VR30:** loosen clamps on the turbo inlet/outlet piping and intercooler boots. Label vacuum/boost references. Cap open turbo and intercooler ports immediately to keep debris out.
- 3 Remove the intake manifold as required - On the 2014-2024 Infiniti Q50 VR30: unplug** sensors and unbolt the intake manifold if the cleaning job requires manifold removal. Follow the bolt sequence. Plug cylinder-head ports.
- 4 Clean carbon from the inlet and manifold - On the 2014-2024 Infiniti Q50 VR30: clean the** turbo inlet pipe, throttle body, and intake runners with a plastic scraper and intake-safe solvent. Avoid metal tools on sealing surfaces and never spin the turbo shaft with solvent spray as a...
- 5 Reinstall with new gaskets and clamps - On the 2014-2024 Infiniti Q50 VR30: install new** intake/turbo gaskets and O-rings as specified. Torque manifold bolts in sequence. Refit inlet pipes with quality clamps - boost leaks often come from reused weak clamps.
- 6 Start, check for boost leaks, and road-test - On the 2014-2024 Infiniti Q50 VR30:** reconnect the battery. Start and listen/feel for whistle leaks at boots. Road-test under light then moderate boost and recheck clamp tightness after the first heat cycle.

TORQUE

Intake manifold bolts 23 Nm 17 ft-lbs