2010-2024 Mercedes-Benz Sprinter - Engine Air

2010-2024 Mercedes-Benz Sprinter | Easy | 20-45 minutes | $35 DIY

TOOLS

Flat screwdriver or trim tool as fitted Metric/SAE socket set and ratchet Clean shop towels and a flashlight Gloves and safety glasses

PARTS

Engine air filter for 2010-2024 Mercedes-Benz Sprinter; verify engine, housing shape, and VIN fitment $35.00

STEPS

1. **Confirm filter fitment and engine state - The 2010-2024 Mercedes-Benz Sprinter spans two** generations - the NCV3 (2010-2018) and the VS30 (2019+) - and the airbox layout differs between them, so confirm which van you have before ordering parts. The commonly cataloged engine...
2. **Open the air box - On the NCV3 Sprinter, the air filter housing sits at the front of the** engine bay under a heat shield. Release the two plastic spring-tensioner tabs at the back of the housing, then loosen the clamp on the clean-air feed hose and fold the h...
3. **Inspect the old filter and housing - Wiggle the housing top free past the heat shield and** headlight frame. Note which face is dirty to set airflow direction. Vacuum the supply side. Inspect the lid seal, feed hose, and clamp for cracks; air mass sensor connector must be clean...
4. **Install the new filter - Fit the new filter edge-tight all around - a gap feeds dust** toward the turbo. Guide the top back in at the removal angle, watching the lower-left corner snag on the electrical harness. Seat the top squarely before engaging fasteners.
5. **Close and verify the intake - Reinstall the clips, click the air mass sensor line home,** and snug the feed hose clamp. Remove the towel, start the engine, and listen for a hiss or whistle. Confirm no check-engine light, rough running, or housing rattle at idle or under...

TORQUE

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