2020-2024 Mercedes-Benz GLB | Easy | 20-30 minutes | $35 DIY

TOOLS

Torx bit set (for the airbox lid fasteners) Flathead screwdriver (helps flip the ECM retaining tabs) Fender cover or clean rag (to rest the ECM on) Shop vacuum

PARTS

Engine air filter for 2020-2024 Mercedes-Benz GLB; verify engine, housing shape, and VIN fitment $35.00

STEPS

1. **Find the airbox - and the computer sitting on it - Park on level ground, switch the** ignition fully off, and open the hood. Don't unplug anything yet - just look at how the two retaining tabs hold the module in its cradle.
2. **Unlock the ECM and lay it aside - Flip open the two tabs and unlock the ECM from its** cradle, then carefully lay the module to the side on a fender cover. Note: dealers do exactly this rather than disconnecting it.
3. **Open the lid and remove the old filter - With the ECM out of the way, undo the fasteners** around the airbox lid and lift the lid off. Lift the old filter element out of the lower housing and note its orientation for the new one.
4. **Clean the housing and inspect the gasket - Vacuum the lower housing and wipe the lid's** underside. Inspect the lid's sealing gasket for cracks or deformation - a flattened gasket lets dusty air bypass the filter, and this seal is the difference between a quiet box and a whistling...
5. **Seat the new filter - Set the new filter into the lower housing exactly the way the old** one sat. Press the edges down so the seal contacts the housing evenly all the way around. It should sit flat with no rocking or lifted corners.
6. **Refit the lid and tighten its fasteners evenly - Set the ECM back into its cradle and** lock the two tabs. Refit the lid and tighten its fasteners evenly. A loose ECM means a no-start or a dashboard full of warning lights.
7. **Start it and verify everything is happy - Start the engine. It should fire normally and** idle smoothly with no warning lights. Listen at the airbox for any whistle that would indicate a lid leak.

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