2016-2024 Mazda CX-9 - Engine Air Filter

2016-2024 Mazda CX-9 | Easy | 10-15 minutes | $35 DIY

TOOLS
Phillips #2 screwdriver Clean rag or shop vacuum Gloves (optional)

PARTS
Engine air filter for 2016-2024 Mazda CX-9; verify engine, housing shape, and VIN fitment $35.00

STEPS

1. **Locate the airbox - Park on level ground, shut the engine off, and pop the hood. On the** 2.5L turbo, the airbox is the big black plastic box on the driver's side of the engine bay, fed by an intake snorkel that runs toward the front grille.
2. **Loosen the lid screws - The airbox lid is held down by three Phillips-head screws across** the top of the lid - not metal clips like Mazda's older 2.0L boxes. Set the lid screws somewhere they can't roll away.
3. **Free the lid and remove the old filter - Lift the front edge of the lid and tilt it back** - the rear edge has plastic tabs that hook into the lower box, so don't yank it straight up. Once the tabs are free, lay the lid to the side with the intake tube still attached. Pull the ol...
4. **Clean the housing - Look inside the lower half of the box. Vacuum or wipe out dust,** leaves, and any sand that collected around the filter landing, and peek into the intake snorkel mouth for debris - the CX-9's turbo relies on clean, consistent airflow, and...
5. **Seat the new filter - Drop the new panel filter into the lower box with the pleats facing** the incoming air and the rubber sealing edge sitting flat all the way around its perimeter - no folded or pinched corners.
6. **Close the lid and secure everything - Hook the rear tabs of the lid into the lower box** first, then lower the front down so it sits flush. Reinstall the three Phillips screws and snug them evenly - firm but not cranked.
7. **Start up and verify - Close the hood, start the engine, and let it idle. Listen for any** whistling or sucking sound that would indicate the lid or clamp isn't sealing, and make sure idle is smooth with no warning lights.

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