2011-2014 Mazda2 - Engine Air Filter Replacement

2011-2014 Mazda2 | Easy | 10-15 minutes | $35 DIY

TOOLS

10mm socket or flathead screwdriver (lid may use small bolts instead of clips) Clean rag or shop vacuum Work gloves (optional)

PARTS

Engine air filter for 2011-2014 Mazda2; verify engine, housing shape, and VIN fitment $35.00

STEPS

1. **Work around the electronics on top of the engine - The engine ECU is mounted directly on** the engine next to the airbox, and the body control module sits in a rubber sleeve beside the battery and air cleaner element.
2. **Release the airbox lid fasteners - Flip the clips outward with your fingers, or back the** bolts out with a 10mm socket or flathead screwdriver and set them somewhere they can't roll into the bay. Don't pry against the ECU or its wiring while freeing the lid.
3. **Lift the lid without yanking the attached plumbing - Ease the lid up slowly. The factory** intake has vacuum lines, the air intake temperature sensor, and an elbow connected around the box, so lift just enough to see what's attached and give yourself slack. Tilt the lid aside rather than pulli...
4. **Remove the old panel filter and note its orientation - Lift the old panel filter straight** out of the lower box. Note which side faced up and how the rubber gasket sat in the tray. The new one must sit exactly the same way.
5. **Clean the box and inspect while it's open - Vacuum or wipe the lower airbox tray to** remove dust, leaves, and grit. Check the large intake duct running to the front of the car for cracks or loose connections, and look over the vacuum lines and sensor wiring you exposed for chafing.
6. **Seat the new filter fully and evenly - Press gently on each corner and look for gaps. An** uneven seat lets dirty air bypass the element entirely. If you use an oiled reusable filter instead of paper, oil it sparingly.
7. **Refit the lid, verify, and note the interval - Set the lid back on squarely, re-engage** every clip or bolt evenly, and confirm nothing is pressing on the ECU or pinching its harness. Start the engine and listen for a sucking or hissing sound around the airbox - an air leak after the a...

TORQUE

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