

Air Filter

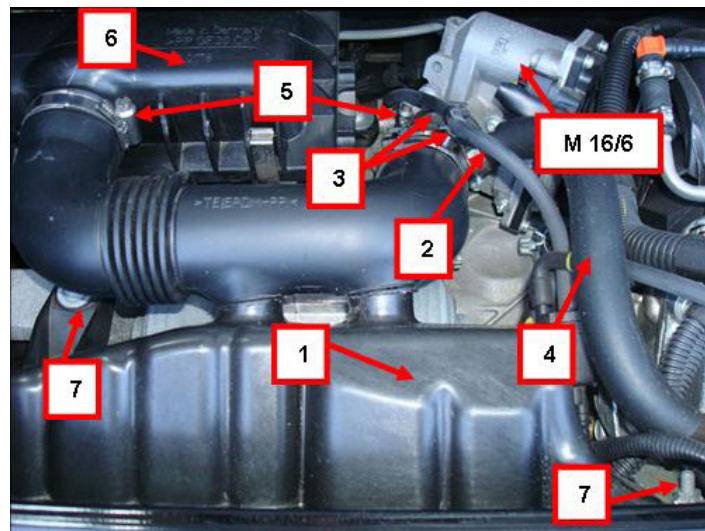
How-To replace the air filter on your smart fortwo

REMOVE THE RESONANCE RESERVOIR

The replacement of the air filter element involves first removing the resonance chamber.

- 1 / Pull up rear carpet and remove engine cover.
- 2 / Unclip vacuum hose (item 2) from holders on the bracket (item 3).
- 3 / Detach crankcase vent hose (item 4) from resonance reservoir (item 1).
- 4 / Loosen screw clamps (item 5) and detach resonance reservoir (item 1) from upper air filter housing (item 6) and from throttle valve actuator (item M16/6).
- 5 / Unscrew bolts (item 7) and remove resonance reservoir (item 1).

FIGURE A - RESONANCE RESERVOIR



KEY

- 1_ Resonance Reservoir
- 2_ Vacuum Hose
- 3_ Bracket
- 4_ Vent Hose for Crankcase
- 5_ Screw Clamp
- 6_ Upper Air Filter Housing
- 7_ Bolt
- M 16/6_ Throttle Valve Actuator

REPLACE THE AIR FILTER ELEMENT

To remove and replace the air filter element, remove the upper air filter housing.

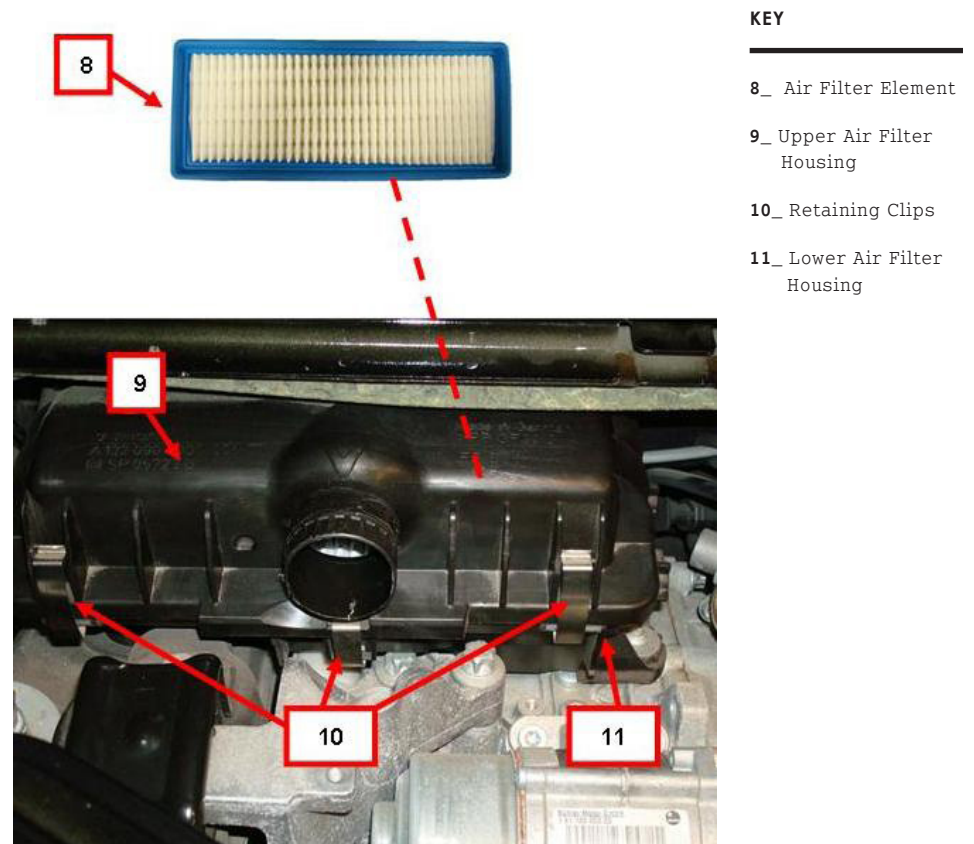
- 1 / Release retaining clips (item 10).
- 2 / Remove upper air filter housing (item 9).
- 3 / Remove air filter element. Clean any debris from the lower air filter housing (item 11) with a rag.

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4 / Install new air filter element ensuring element is properly centered within the housing.

5 / Install all removed parts in reverse order.

FIGURE B - AIR FILTER HOUSING



ADDITIONAL INFORMATION

- The air filter element should be replaced every 2 years or 20,000 miles -- whichever comes first.
- A dirty air filter element can cause poor fuel mileage and allow dirt particles to enter your engine, which can reduce its life.
- Never drive your vehicle with the air filter element removed. Backfiring and harmful dirt ingestion may occur, which can reduce your engine life.
- Genuine smart parts will maximize your vehicle's performance.
- For further assistance, contact your nearest smart center.
- Find a smart center near you by going to www.smartusa.com