



1994-96 Impala Air Box Kit (21005K) Installation Instructions



Parts List

- 1 – Bellows (OEM) (B)
- 2 – 3"x1"L Hose Spacers (SH)
- 1 – K&N Filter #33-2035 (AF)
- 1 – 3-1/2" Hose Clamp (HC)
- 1 – Air box

- 1 – Grommet (G)
- 1 – Cap Seal (CP)
- 2 – Plastic Spacers (SP)
- 1 – Foam Seal (FS)

Diagram I

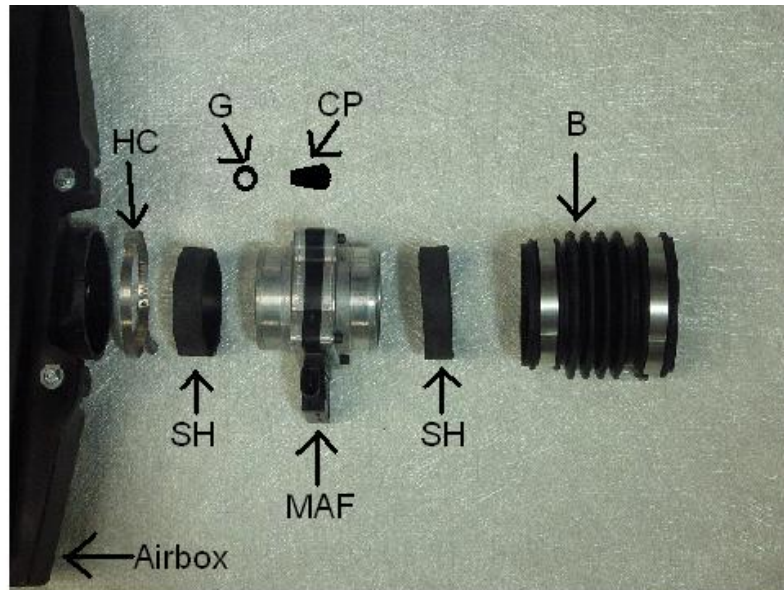
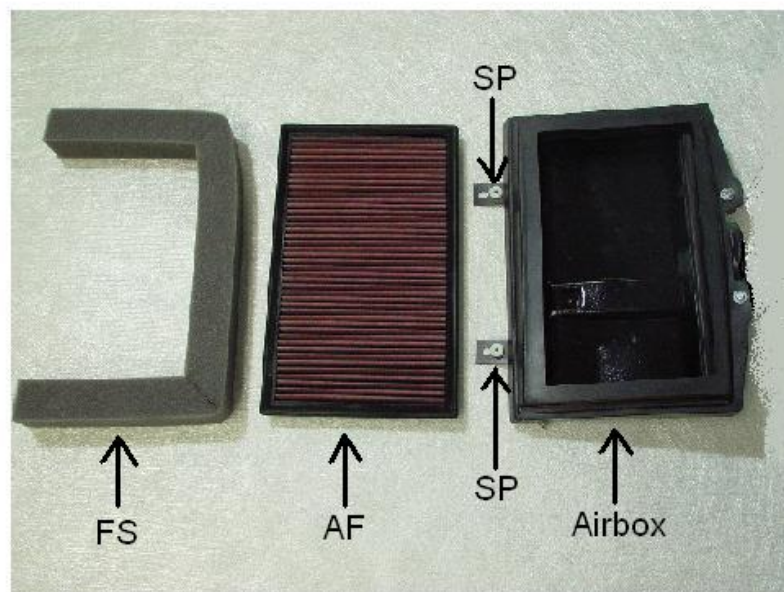


Diagram II





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1. Remove the (2) nuts on the triangular shaped black assembly on top of the engine.
2. Loosen hose clamps at the rubber bellows assembly and separate from top of engine.
3. Remove (2) bolts securing OEM air filter box on driver's side of car and unplug air temperature sensor from hole in rubber bellows and set aside for install later into Suncoast air box assembly.
4. Loosen clamps on Mass Airflow (MAF) Sensor and lift OEM air box, air tube and rubber bellows from engine compartment.
5. Remove (4) hex head bolts securing black brace to top of engine through the fuel rails and remove bracket and re-install (4) hex head bolts and tighten.
6. Remove (2) hex head bolts from Suncoast air box, lift top by pivoting open, then install K&N Filter # 33-2035 (AF) Diagram II with rubber side down and close lid, re-install (2) hex head bolts and tighten.
7. Place the new Suncoast air box onto the top of engine and remove the (2) radiator fan shroud 10mm head bolts that line up with the Suncoast air box and set the (2) white plastic spacers (SP) Diagram II into the slots on fan shroud top support mounting tabs on the Suncoast air box and re-install (2) 10mm head bolts, but DO NOT tighten yet.
8. Place the two 3"Dia.x1"L hose (SH) Diagram I on each end of (MAF) sensor, slide the (MAF) sensor (arrow pointing towards throttle body) into the Suncoast air box.
9. Install 3-1/2" hose clamp (HC) Diagram I and snug fit clamp so as to be able to rotate (MAF) sensor.
10. Install bellows (B) in Diagram I on opposite side of (MAF) sensor and attach to throttle body by compressing bellows to shape and tighten clamp.
11. Re-connect electrical plug to (MAF) sensor.
12. Install blue vacuum line plug that matches to the distributor (opti-spark vent line) by punching hole in bellows (B) with a sharp pointed tool like an awl or ice pick and insert vent line.



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13. Insert air temperature sensor through grommet (G) Diagram I on backside of air box; on some models connect $\frac{3}{4}$ " hose to connector on backside or use cap plug (CP) Diagram I if not equipped with hose.
14. Install foam seal (FS) Diagram II to the top of air box or bottom side of hood; your preference using 3M super weather strip adhesive.
15. Check all connections & bolts for proper tightness, install now complete.