



# Ram Air Kit Installation Instructions

21003K - 1998-2003 Camaro SS

21004K - 1998-2003 Camaro Z

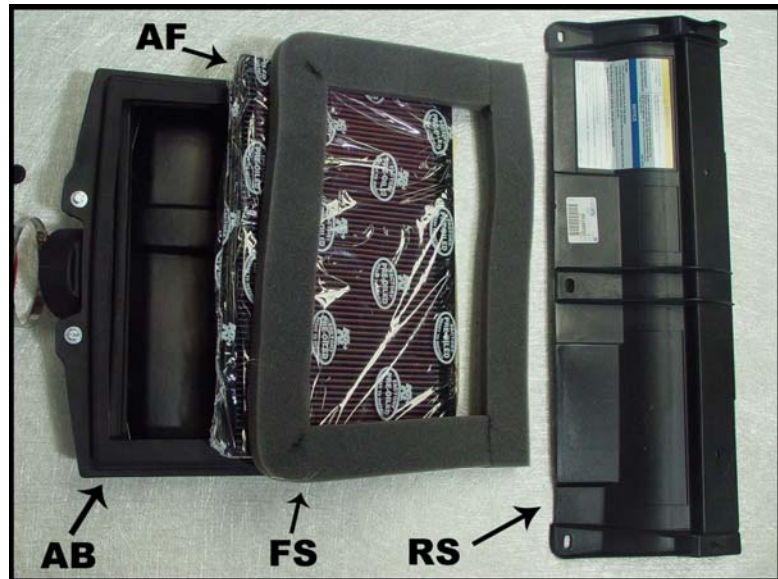
28003K - 1998-2003 Firebird/TA Raptor

28004K - 1998-2003 Firebird/TA WS-6

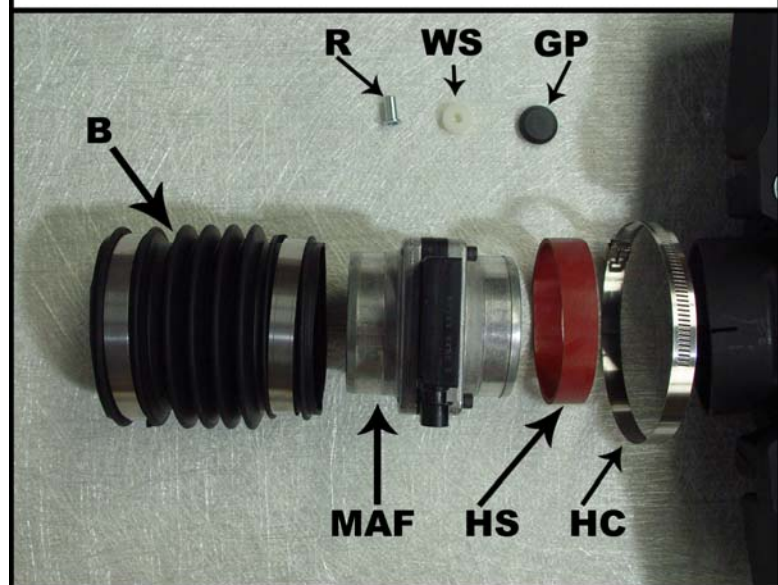
## Parts List:

- Hose Clamp (HC)
- Suncoast Air Box (AB)
- K+N Filter # 33-2035 (AF)
- Foam Seal (FS)
- Radiator Shroud (RS)
- Orange Hose (HS)
- Bellows (OEM) (B)
- Rivet Nut (RN)
- Plastic Spacer (PS)
- Grommet Plug (GP)

\*\*Note: Not all parts listed needed for every application\*\*



**Fig. 1**



**Fig. 2**



# Ram Air Kit Installation Instructions

21003K - 1998-2003 Camaro SS

21004K - 1998-2003 Camaro Z

28003K - 1998-2003 Firebird/TA Raptor

28004K - 1998-2003 Firebird/TA WS-6

## **Installation Instructions**

1. Remove Factory air box and upper radiator shroud from vehicle.
2. Mount new upper radiator shroud supplied with kit (FIG1, RS).
3. Center punch a mark on the radiator core support at the hole location in the middle of the new upper radiator shroud.
4. Remove new upper radiator shroud and drill a 11/32" hole into the core support frame, install rivet nut (FIG2, R) supplied with kit.
5. Re-install new upper radiator support, but first place the white spacer (FIG2, WS) supplied with kit between radiator support and Suncoast air box.
6. Remove Mass Air Flow Sensor (MAF) from factory air box with short hose.
7. Connect MAF Sensor to Suncoast air box (FIG1, AB) by first sliding 3-1/2" orange gasket (FIG2, HS) over MAF Sensor on side with arrow pointing away from Suncoast air box, then slide MAF Sensor into Suncoast air box and clamp using 4" hose clamp (FIG2, HC). Then attach small hose to air box.
8. Set Suncoast air box with MAF Sensor connected, on top of radiator shroud and insert 10mm screw through air box into core support and fasten, then connect black factory hose (bellows) (FIG2, B) to throttle body.
9. Remove screws (2) on top of Suncoast air box, remove lid, install K+N Filter #33-2035 (FIG1, AF). Rre-install screws and tighten.
10. Re-connect MAF Sensor plug and air temp sensor onto the Suncoast air box. You will need to remove air temp. sensor grommet from factory air box and install it into Suncoast air box, then insert air temp. sensor through grommet on Suncoast air box and re-connect MAF Sensor.
11. Install foam seal (FIG1, FS) to top of air box or bottom of hood opening, your preference, using 3M black weather strip adhesive or like kind.
12. Check all connections and bolts for correct tightness; install now complete.