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Intake Kit Installation Instructions: Infiniti G35/FX35 3.5L-V6 2003.5-2006

Kit Part # 51/54-11092			Tools Required: 5/16" nut driver 10mm socket w/ extension and ratchet 10mm open/box end wrench Flat head/slotted screwdriver 5/32" allen wrench Torx bit T20		Part List: 1 Air Filter (replacement #24-55505) or Pro Dry S™ 21-55505 1 Intake tube 1 Housing 1 Coupler 3" x 2" 1 Coupler reducer 3 Clamp #056 1 Clamp #072		2 Nylon spacers 14" 7/16" trim seal 3 Button head M6x1x10 1 Screw, M6 1 Washer, M6 2 M4, Screws MAF Sensor 1 MAF Sensor Gasket 1 5 1/2" adapter	1 T20 torx bit 3 Washer wavy, M6
Make: Infiniti								
Model	Year	Engine						
G35	2003.5-2006	3.5L V6						
FX35	2004-2005	3.5L V6						

Step 1



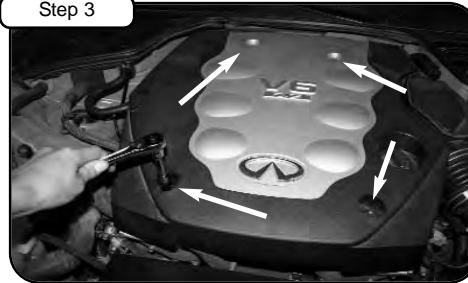
Complete kit with parts.

Step 2



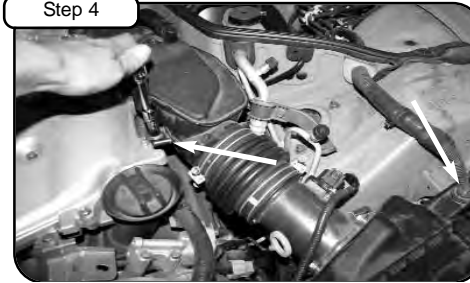
Complete stock intake.

Step 3



Remove the 4 bolts holding the factory engine cover with 10mm socket w/ ratchet. Remove engine cover.

Step 4



With 10mm socket w/ ratchet remove the two 10mm bolts from the OEM intake tube and airbox. Loosen the top of OEM intake tube w/ 5/16" nut driver.

Step 5



Disconnect the factory crank case line from OEM intake tube. Disconnect MAF sensor wire harness from intake.

Step 6



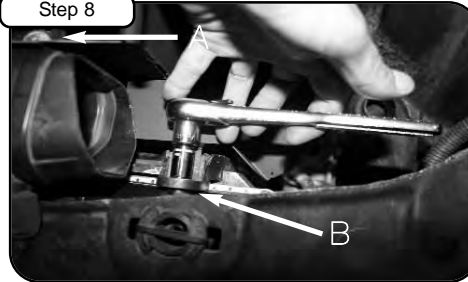
Carefully remove OEM intake assembly.

Step 7



Place trim seal on top of new housing. With 5 1/2" adapter, place inside of new housing with 3 button head screws provided, tighten with 5/32" allen key.

Step 8



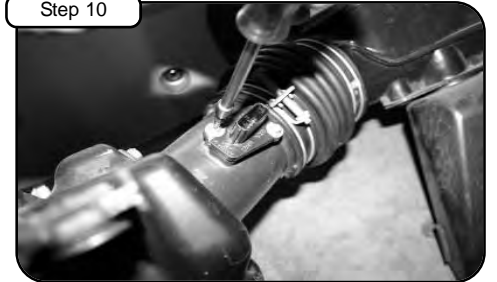
Carefully remove the bolt holding radiator bracket. Place new housing inside and re-insert screw (**DO NOT OVER TIGHTEN!**) With M6 screw provided, place behind OE ram air unit in housing and tighten.

Step 9



With 10mm socket or wrench, tighten down housing using provided M6 screw.

Step 10



With T20 Torx bit, loosen the 2 bolts holding in MAF sensor. Carefully remove sensor out of OE intake.

Step 11



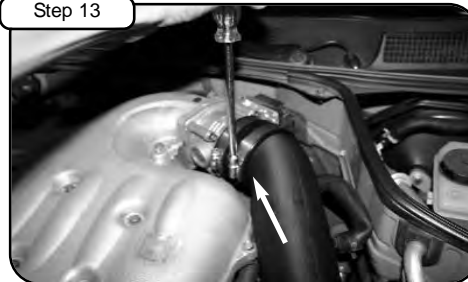
Re-insert MAF sensor into new intake tube. With gasket and nylon spacers provided, place in between tube and sensor. Tighten with screws provided.

Step 12



Place aFe tube inside vehicle. Re-insert crankcase line onto new tube.

Step 13



Place straight coupler onto tube with clamps provided. Tighten using 5/16" nut driver. Place coupler reducer on other end of intake tube and tighten onto housing / adapter.

Step 14



Place high FLOW filter into housing and tighten using 5/16" nut driver.

Step 15



Your installation is now complete. Check all clamps and hoses periodically. Thank you for choosing aFe!