



TYPHOON INTAKE SYSTEMS®

INSTALLATION INSTRUCTIONS

69-7071

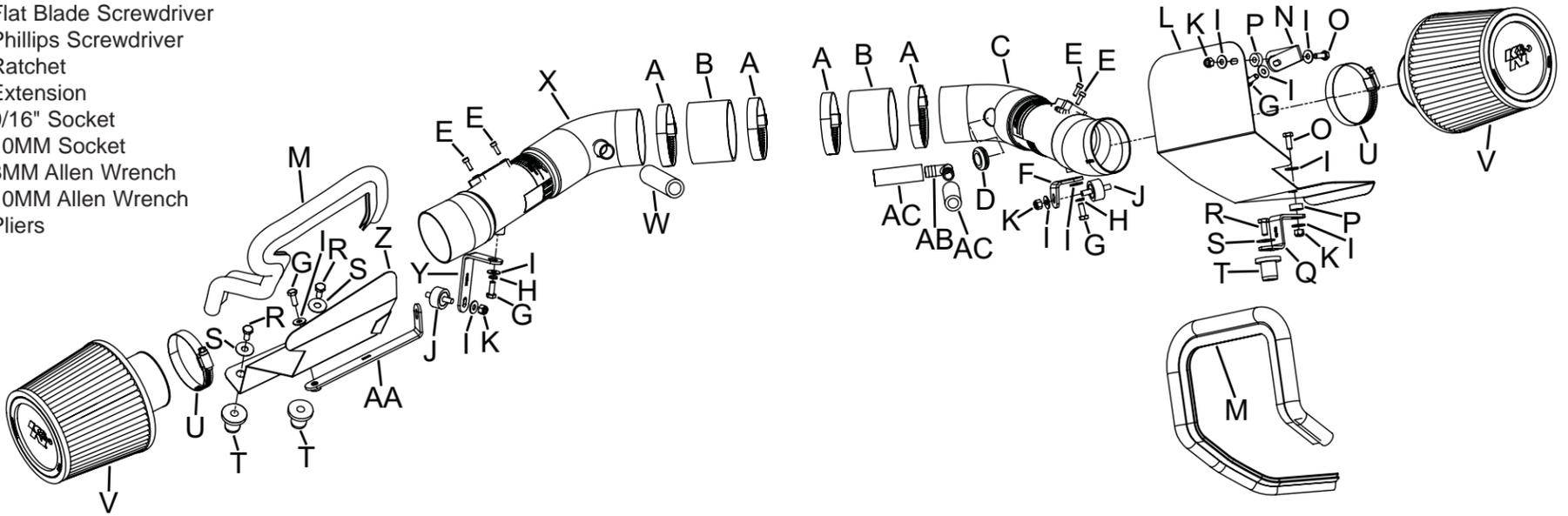
Nissan

2007 - 08 350Z

V6-3.5L

TOOLS:

Flat Blade Screwdriver
Phillips Screwdriver
Ratchet
Extension
9/16" Socket
10MM Socket
3MM Allen Wrench
10MM Allen Wrench
Pliers



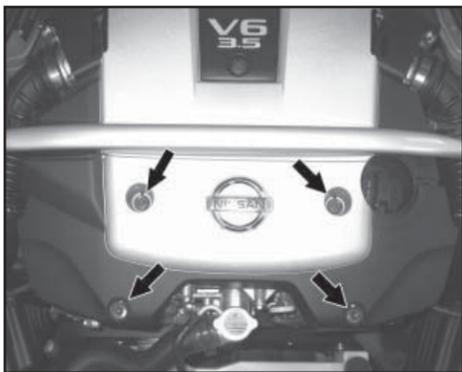
PARTS LIST:

Desc.	Qty.	Part #	Desc.	Qty.	Part #	Desc.	Qty.	Part #
A	4	08554	K	4	07512	U	2	08577
B	2	08440	L	1	07367	V	2	RU-4960
C	1	27540	M	2	102488	W	1	08244
D	1	080601	N	1	010031	X	1	27539
E	4	07733	O	2	07795	Y	1	26664
F	1	26665	P	2	06555	Z	1	07366
G	4	07812	Q	1	06488	AA	1	26663
H	2	08198	R	3	07779	AB	1	08065
I	10	08269	S	3	08134	AC	2	08415
J	2	07027	T	3	08163			

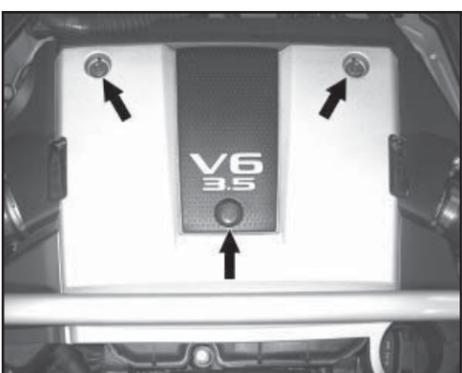
NOTE: FAILURE TO FOLLOW INSTALLATION INSTRUCTIONS AND NOT USING THE PROVIDED HARDWARE MAY DAMAGE THE INTAKE TUBE, THROTTLE BODY AND ENGINE.

TO START:

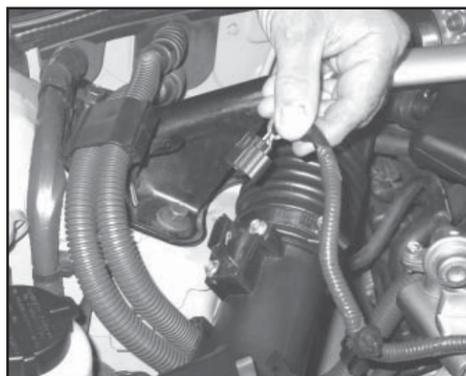
1. Turn the ignition off and disconnect the negative battery cable.



2. Remove the two front nuts and two rear bolts that secure the front engine cover. Then, remove the front engine cover from the engine.



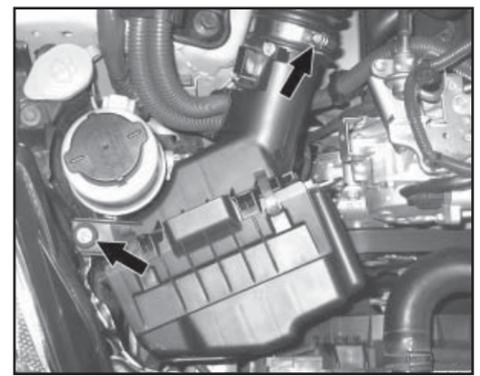
3. Remove the two nuts and one bolt that secure the rear engine cover. Then, remove the engine cover from the engine.



4. Un-hook the passenger side mass air sensor wiring harness from the air box, then disconnect the mass air sensor electrical connection as shown.



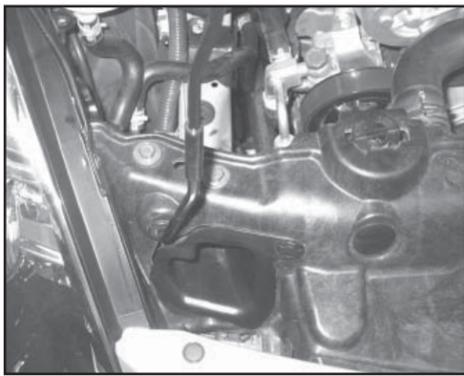
5. Remove the passenger side fresh air duct retaining clip. Slide the fresh air duct forward to disengage it from the passenger side air box.



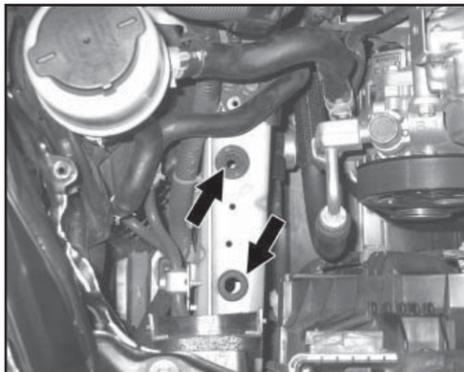
6. Loosen the hose clamp that secures the passenger side intake tube to the air box. Then, remove the bolt that secures the passenger side air box to the inner fender.



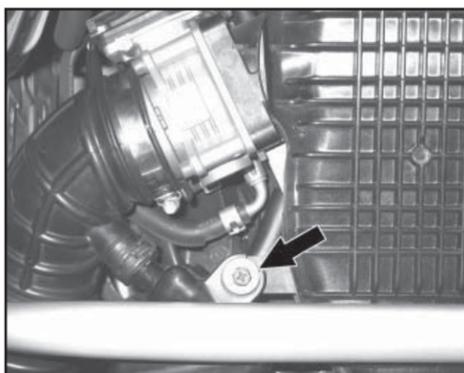
7. Remove the passenger side air box as shown.



8. Re-install the passenger side fresh air duct and retaining clip.

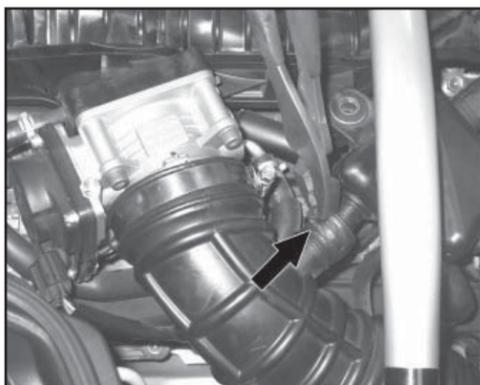


9. Remove the two factory air box retaining grommets shown.

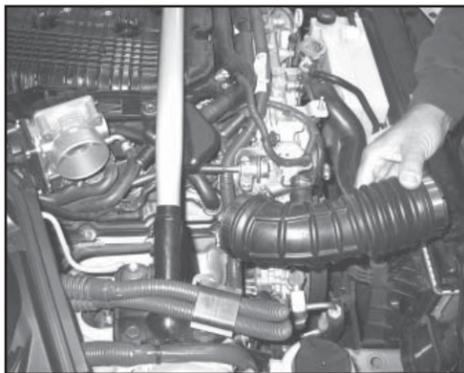


10. Remove the crank case vent chamber mounting bolt shown.

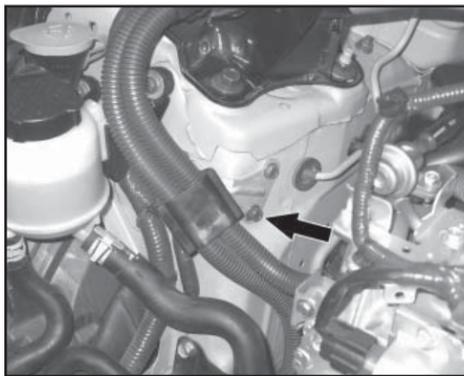
Note: This bolt will be re-used in a later step.



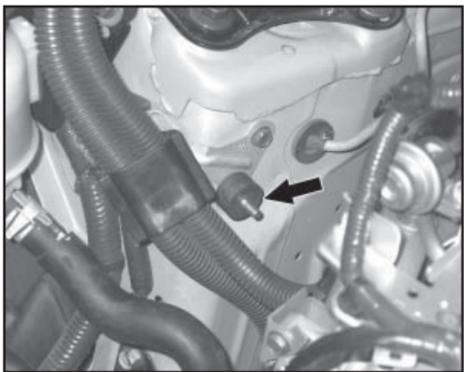
11. Release the spring clamp that retains the crank case vent chamber. Then, disconnect the crank case vent chamber from the stock intake tube.



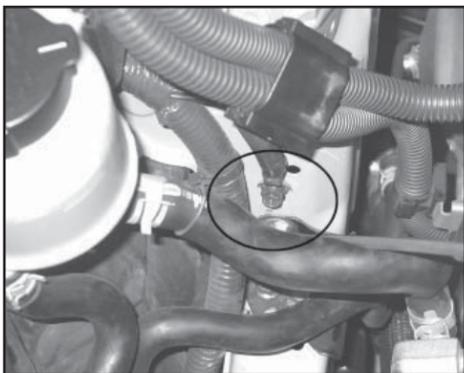
12. Loosen the hose clamp that secures the stock passenger side intake tube to the throttle body. Then, remove the intake tube from the engine.



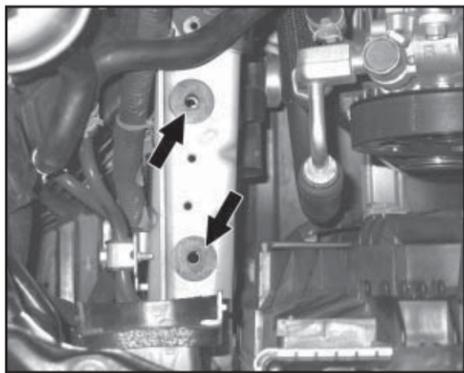
13. Remove the lower battery cable mounting bracket bolt shown.



14. Install the provided rubber mounted stud into the battery cable mounting bracket bolt location (from step #13).



15. Remove the ground strap bolt shown (located behind the power steering hydraulic hose).



16. Install the two nut inserts into the factory air box mounting grommet holes as shown.

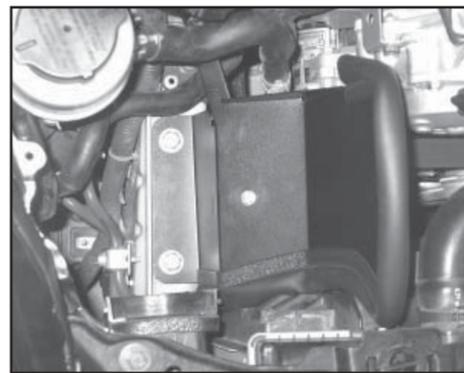


17. Install the provided edge trim onto the heat shield (#07366) as shown.

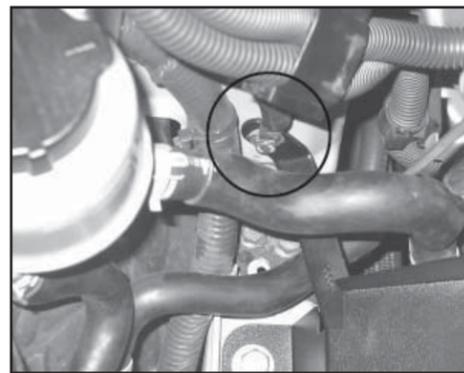
Note: Some trimming of the edge trim may be necessary.



18. Install the heat shield mounting bracket (#26663) onto the heat shield with the provided hardware as shown.



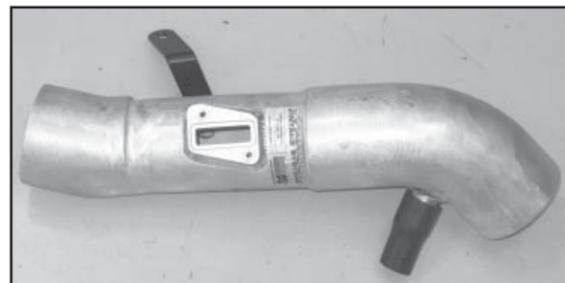
19. Install the heat shield assembly into the engine compartment and align it with the inserted nuts (installed in step #16). Secure the heat shield to the inserted nuts with the provided hardware.



20. Secure the heat shield mounting bracket and ground strap with the provided hardware.

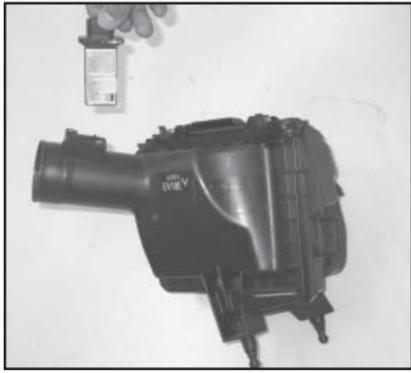


21. Install the tube mounting bracket (#26664) onto the intake tube (#27539) using the provided hardware as shown.

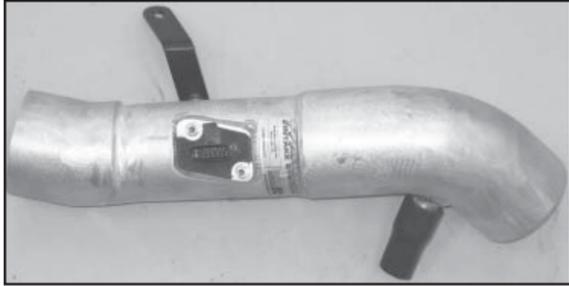


22. Install the provided 5/8" ID hose onto the vent fitting as shown.

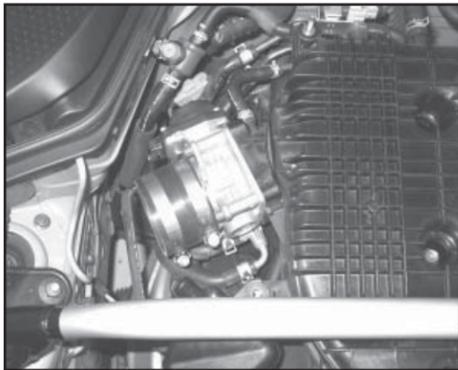
Note: Some trimming of the hose (to a length of 2.0") may be necessary.



23. Remove the mass air sensor from the stock air filter housing as shown.



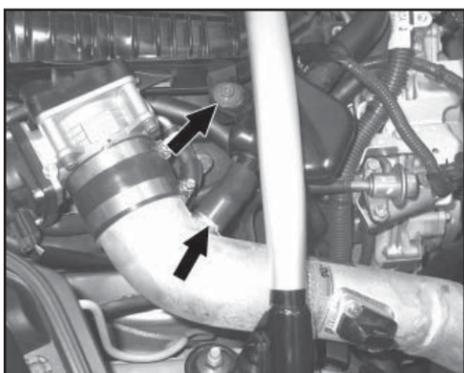
24. Install the mass air sensor into the K&N intake tube and secure with the provided hardware.



25. Install silicone hose (#08440) onto the throttle body and secure with the provided hose clamp as shown.



26. Install the intake tube assembly into the silicone hose at the throttle body and align the mounting bracket with the rubber mounted stud installed in step #14. Secure the intake tube with the provided hose clamp and hardware.



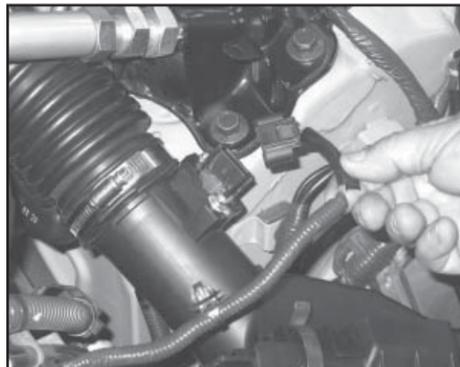
27. Install the crank case vent chamber into the silicone hose attached to the vent tube of the K&N intake tube. Secure the vent chamber with the bolt removed in step #10.



28. Install the K&N air filter and secure with the provided hose clamp.



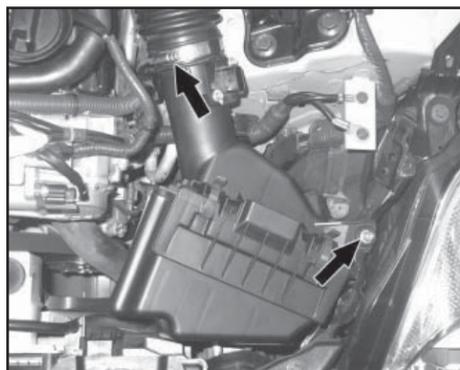
29. Re-connect the mass air sensor electrical connection.



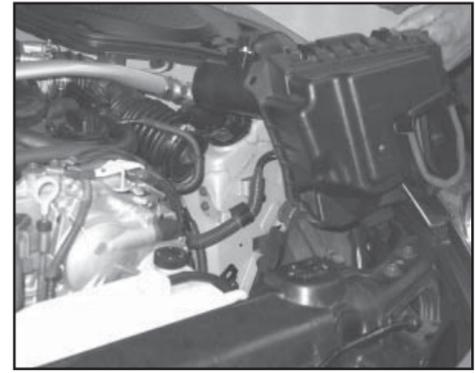
30. Unhook the driver's side mass air sensor wiring harness from the air box, then disconnect the mass air sensor electrical connection as shown.



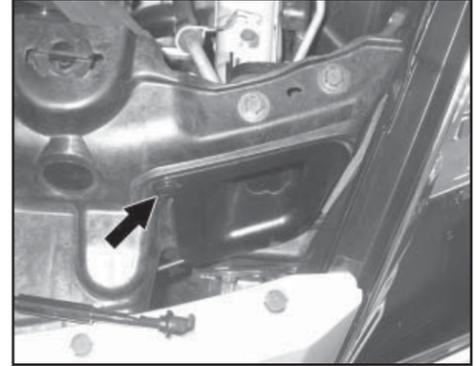
31. Remove the driver's side fresh air duct retaining clip. Slide the fresh air duct forward to disengage it from the driver's side air box.



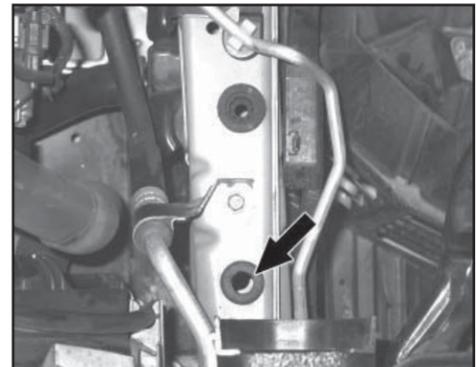
32. Loosen the hose clamp that secures the driver's side intake tube to the air box. Then, remove the bolt that secures the driver's side air box to the inner fender.



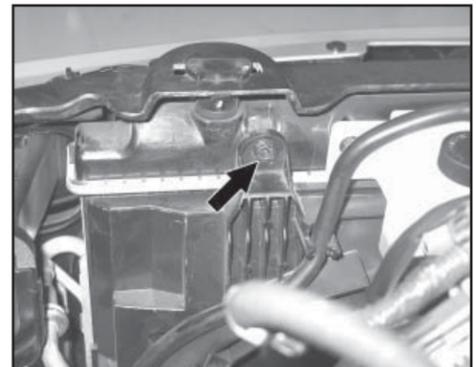
33. Remove the driver's side air box as shown.



34. Re-install the driver's side fresh air duct and retaining clip.



35. Remove the front air box retaining grommet shown.



36. Remove the radiator cooling fan mounting bolt (shown).

Note: This bolt will be re-used in a later step.



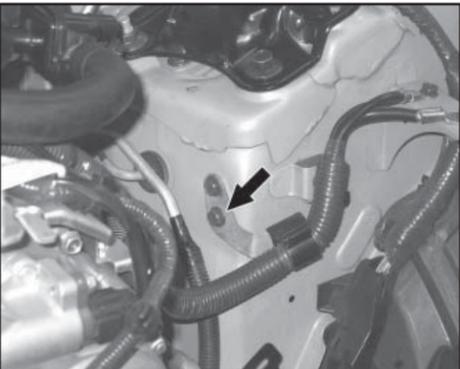
37. Loosen the hose clamp that secures the driver's side intake tube to the throttle body.



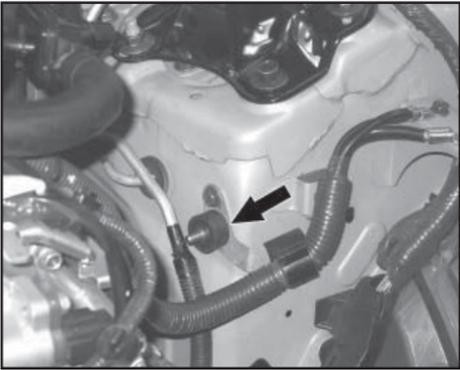
38. Release the spring clamp that secures the crank case vent chamber to the intake tube. Then, remove the driver's side intake tube as shown.



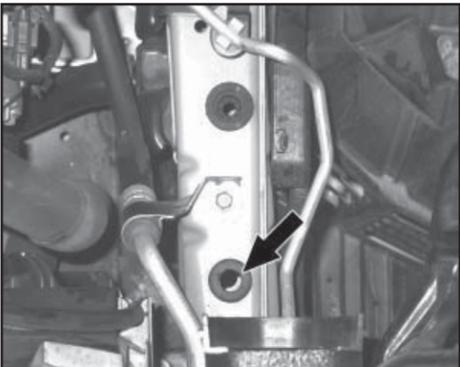
39. Disconnect the crank case vent chamber hose from the engine valve cover, then from the crank case vent chamber as shown.



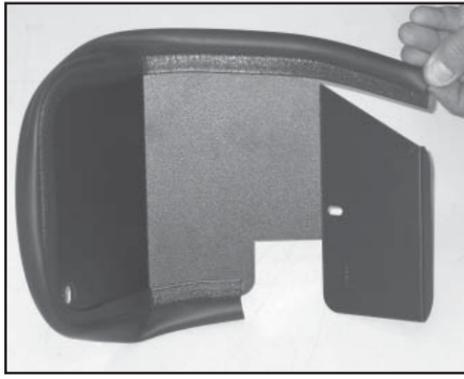
40. Remove the lower ground strap mounting bracket bolt shown.



41. Install the provided rubber mounted stud into the bolt location (from step #40).



42. Install the nut insert into the air box mounting grommet hole (shown).



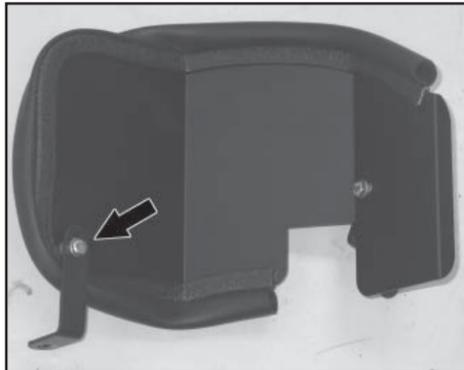
43. Install the provided edge trim onto the heat shield (#07367) as shown.

Note: Some trimming of the edge trim may be necessary.



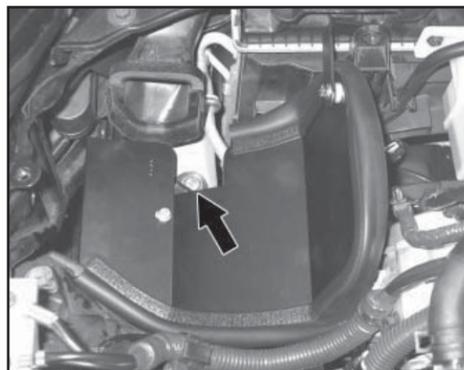
44. Install the provided lower heat shield mounting bracket (#06488) onto the bottom of the heat shield and secure using the provided hardware and spacer (as shown).

Note: The provided spacer is to be placed between the heat shield and bracket.



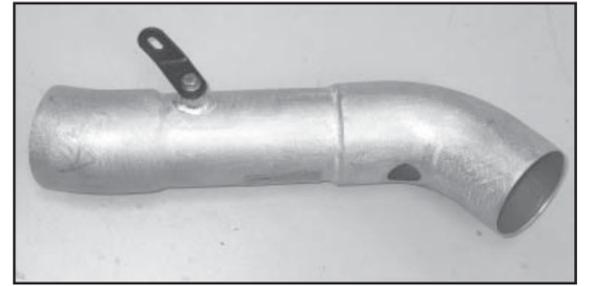
45. Install the provided heat shield mounting bracket (#010031) onto the top of the heat shield and secure using the provided hardware and spacer.

Note: The provided spacer is to be placed between the heat shield and bracket.

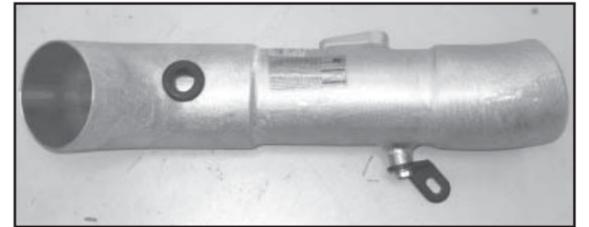


46. Install the heat shield assembly into the vehicle and align the lower bracket with the inserted nut, then align the upper bracket between the fan shroud and radiator. Secure the lower bracket with the provided hardware. Secure the upper bracket with the factory bolt removed in step #36.

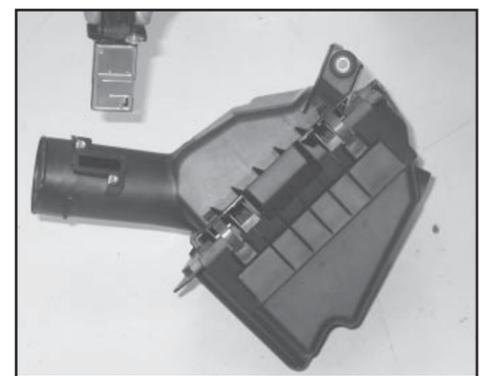
Note: The upper bracket is to be placed between the fan shroud and radiator.



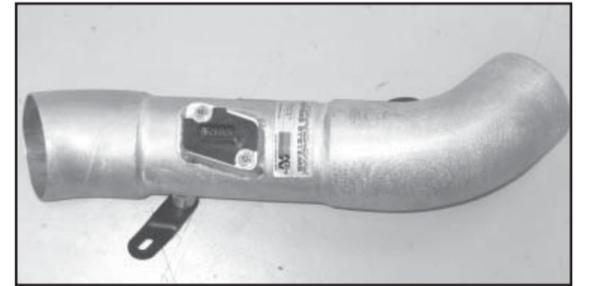
47. Install tube mounting bracket (#26665) onto the K&N intake tube (#27540) with the provided hardware as shown.



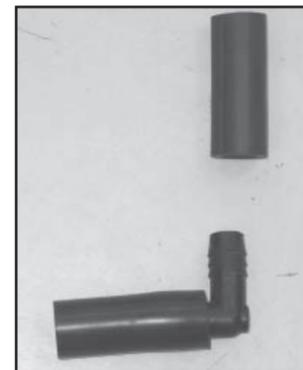
48. Install the provided rubber grommet into the K&N intake tube as shown.



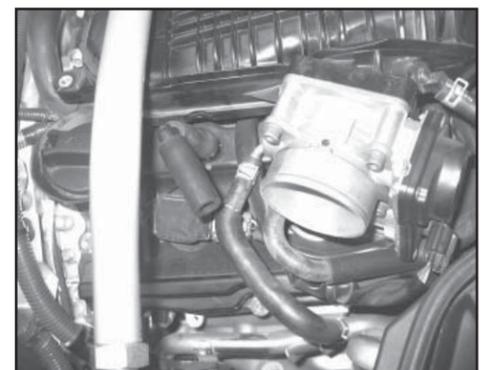
49. Remove the mass air sensor from the factory air box as shown.



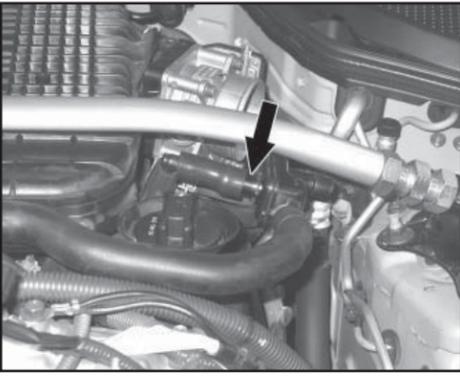
50. Install the mass air sensor into the K&N intake tube (#27540) and secure with the provided hardware.



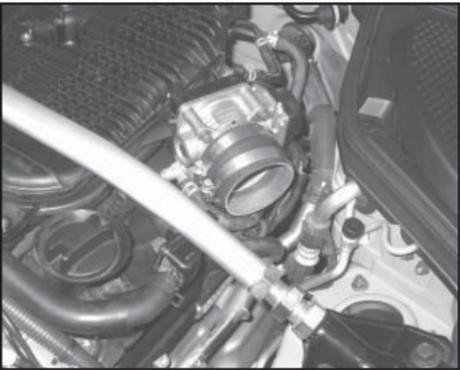
51. Install the two 1/2" ID silicone hoses onto the provided 90° vent fitting as shown. **Note: The 1/2" ID vent hose will need to be trimmed to 2.0" length.**



52. Install the 90° crank case vent fitting assembly onto the valve cover as shown.



53. Connect the crank case vent chamber into the 90° vent fitting assembly (installed in step #52).

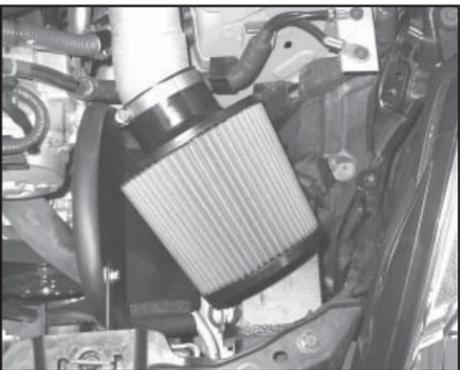


54. Install silicone hose (#08440) onto the throttle body and secure with the provided hose clamp.

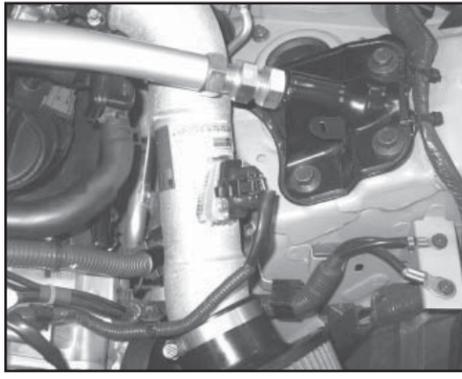


55. Install the intake tube assembly into the silicone hose at the throttle body and align the mounting bracket with the rubber mounted stud (installed in step #41). Insert the crank case vent chamber into the grommet in the intake tube. Secure the intake tube with the provided hardware and hose clamp.

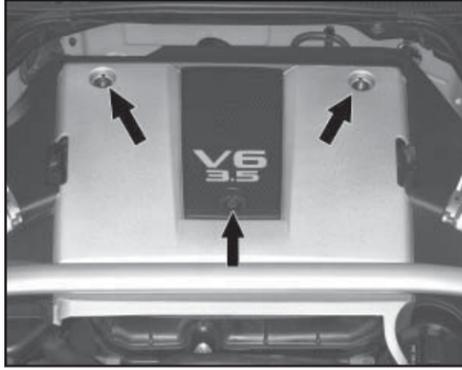
Note: Ensure the crank case vent chamber has a good seal in the grommet installed into the intake tube.



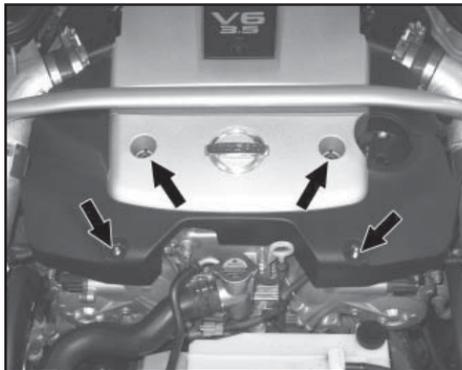
56. Install the K&N Air Filter and secure with the provided hose clamp



57. Re-connect the mass air sensor electrical connection.



58. Re-install the rear engine cover and secure with the factory hardware.



59. Re-install the front engine cover and secure with the factory hardware.



60. Re-connect the negative battery cable. Check to ensure everything is tight and properly positioned before starting the vehicle.

61. The C.A.R.B. exemption sticker, (attached), must be visible under the hood, so that an emissions inspector can see it when the vehicle is required to be tested for emissions. California requires testing every two years, other states may vary.

62. It will be necessary for all K&N intake kits to be checked periodically for re-alignment, clearance, and tightening of all connections. Failure to follow the above instructions and/or improper maintenance may void the warranty.

ROAD TESTING:

1. Start the engine with the transmission in neutral or park, and the parking brake engaged. Listen for air leaks or odd noises. For air leaks secure hoses and connections. For odd noises, find cause and repair before proceeding. This kit will function identically to the factory system except for being louder and much more responsive.

2. Test drive the vehicle. Listen for odd noises or rattles and fix as necessary.

3. If road test is fine, you can now enjoy the added power and performance from your kit.

4. K&N suggests checking the air filter element periodically for excessive dirt build-up. When the element becomes covered in dirt (or once a year), service it according to the instructions on the Recharger service kit, part number 99-5000 or 99-5050.