



# TYPHOON INTAKE SYSTEMS®

## INSTALLATION INSTRUCTIONS

69-6544

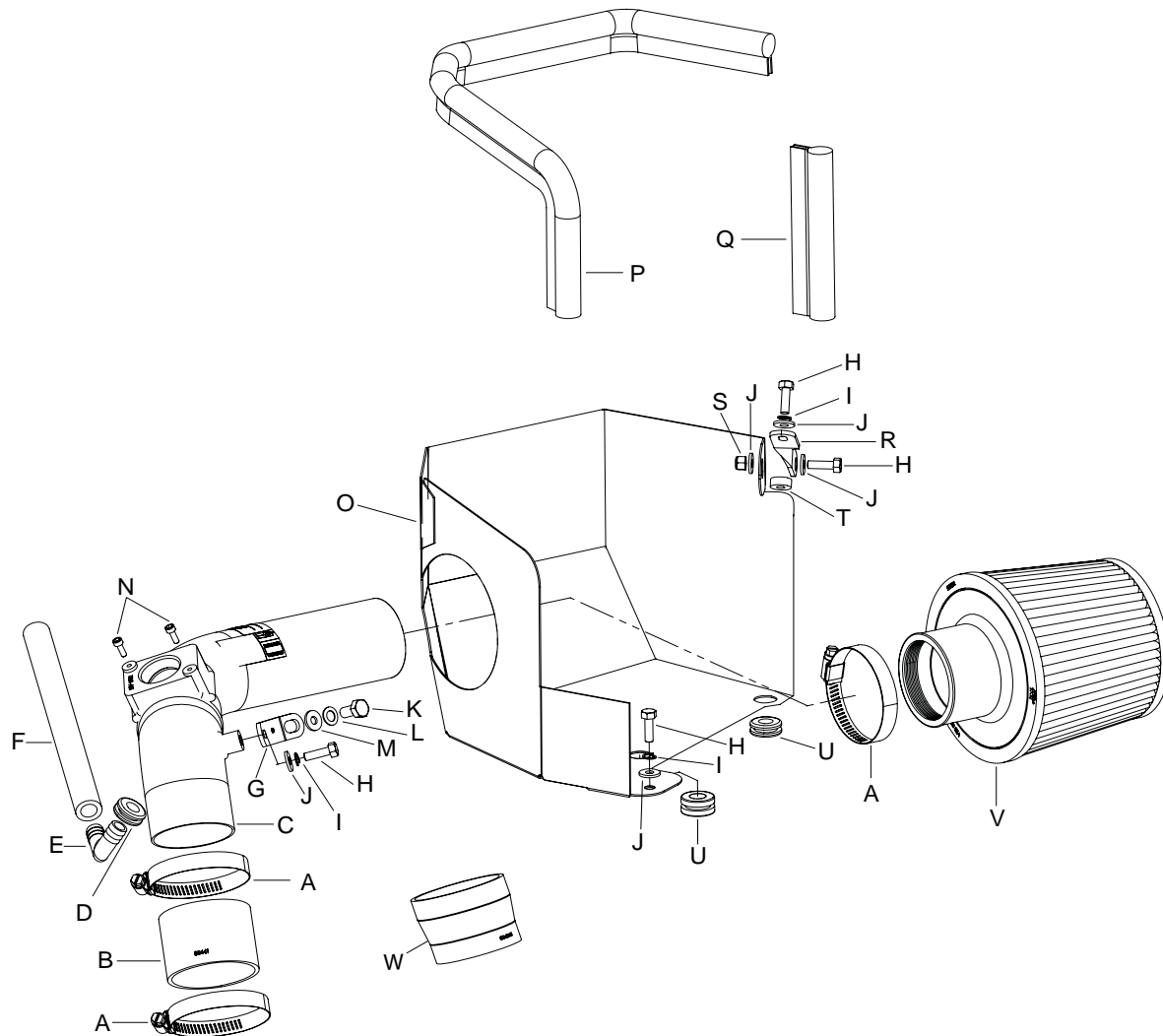
**MITSUBISHI**

**2008 - 09 Lancer**

**L4 - 2.0L / 2.4L**

### TOOLS:

Ratchet  
Extension  
13mm Socket  
10mm Socket  
8mm Socket  
Flat Blade Screwdriver  
Phillips Screwdriver  
T20 Torx  
Pliers  
3mm Allen Wrench



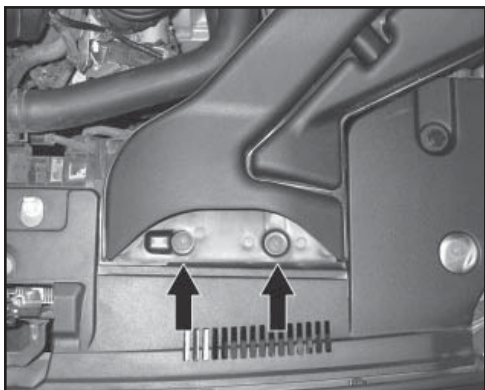
### PARTS LIST:

Desc.	Qty.	Part #						
A Hose Clamp #40	3	08554	J Washer; 1/4"ID X 5/8"OD - SAE	5	08275	S Nut; 6MM Nylock, Hexhead, SS	1	07512
B Hose; 2-1/2" ID X 2"L, STRT, BLK	1	08441	K Bolt; 8MM-1.25 X 16MM, Hexhead	1	07844	T Spacer; .625" OD X .250"ID X .250"L	1	06555
C Intake Tube	1	27409	L Washer; 8MM Spring (Wave)	1	08239	U Grommet; 7/16"ID	2	08092
D Grommet; 1"OD, 1/2"ID, 1/2"THK	1	08064	M Washer; 5/16"ID X 5/8"OD, Flat	1	08276	V Air Filter	1	RU-4950
E Vent; 1/2 X 1/2 Plastic Elbow, BLK	1	08065	N Bolt; M4 - 0.07 8MM, A/H Cap, SS	2	07733	W Hose; 2-1/2" TO 2-3/4" Tprd.	1	084016
F Hose; 1/2"ID X 9"L, Black Silicone	1	08401	O Heat Shield	1	07626			
G Bracket; "L", STL, FB/PC	1	06724	P Edge Trim	1	102488			
H Bolt; M6 X 1.00" X 20MM Hexhead, SS	4	07795	Q Edge Trim	1	102465			
I Washer; 1/4" Lock, ZN	3	08198	R Bracket; Short Twist, Fin	1	070702			

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

### TO START:

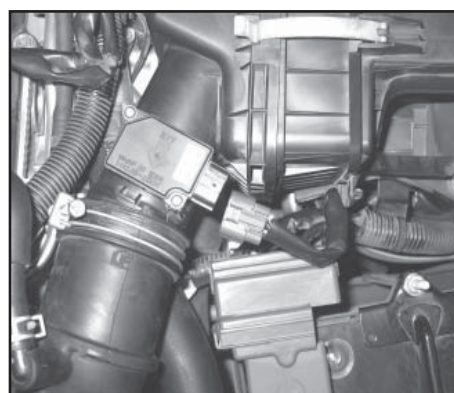
1. Turn the ignition OFF and disconnect the vehicle's negative battery cable.



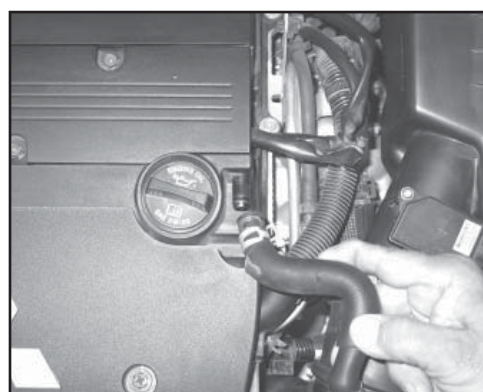
2. Remove the two fasteners which secure the fresh air intake scoop shown.



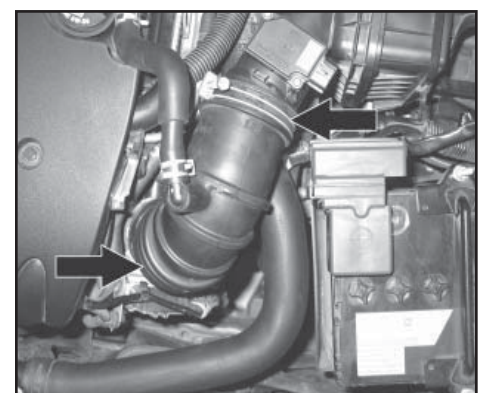
3. Remove the fresh air intake scoop from the vehicle.



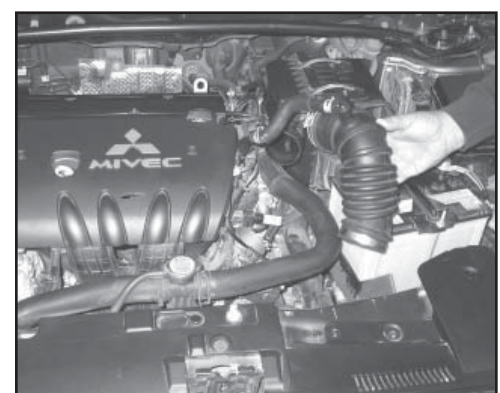
4. Disconnect the mass air sensor electrical connection and unhook the mass air sensor wiring harness from the air box.



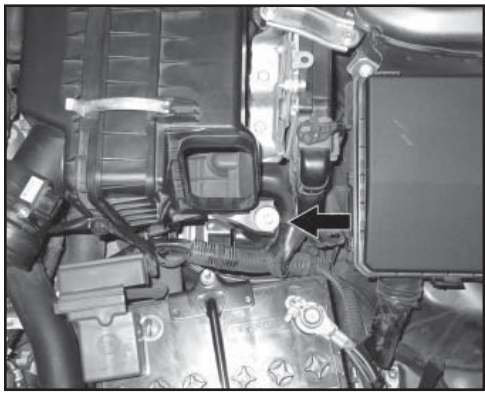
5. Release the spring clamp which secures crank case vent hose to the valve cover port. Then disconnect the crank case vent hose from the valve cover.



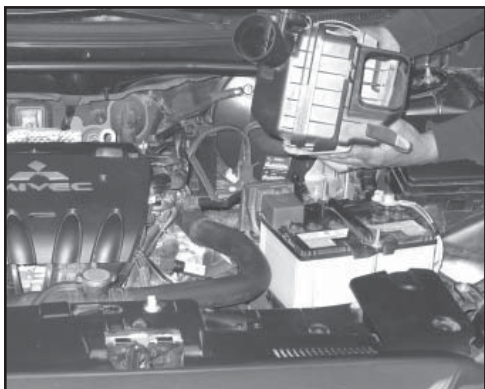
6. Loosen the two hose clamps which secure the stock intake tube to the throttle body and air filter housing.



7. Remove the stock intake tube from the vehicle as shown.

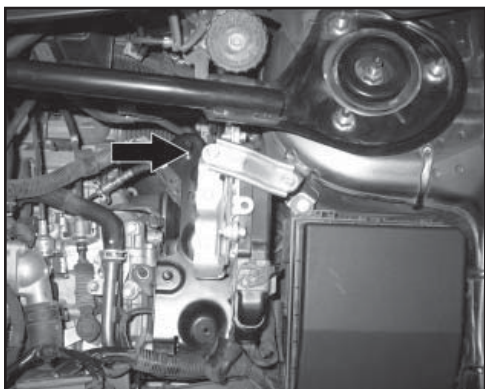


8. Remove the bolt shown which secures the air filter assembly to the mounting bracket.



9. Lift up the air box assembly to unhook it from the mounting grommets and then remove the air box from the vehicle as shown.

**NOTE: K&N recommends that customers do not discard the factory air intake.**



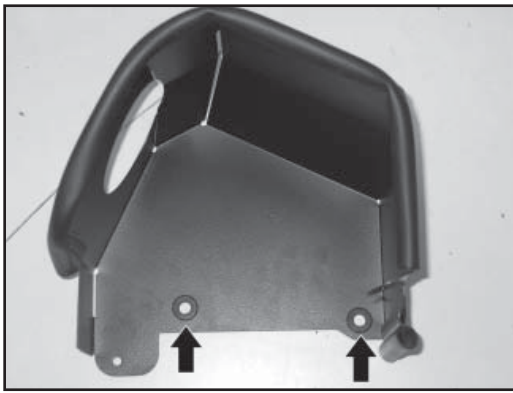
10. Remove the ECU bracket mounting bolt shown.



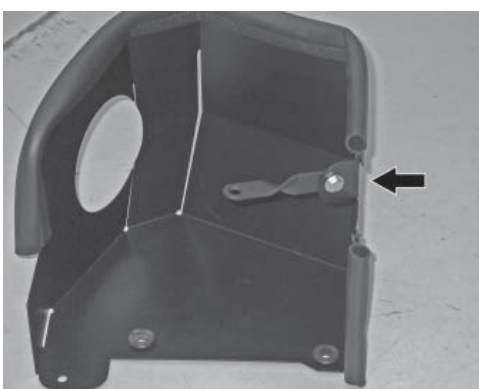
11. Install the long piece of the edge trim onto the heat shield as shown.  
**NOTE: Some trimming of the edge trim may be needed.**



12. Install the short piece of the edge trim onto the heat shield as shown.  
**NOTE: Some trimming of the edge trim may be needed.**

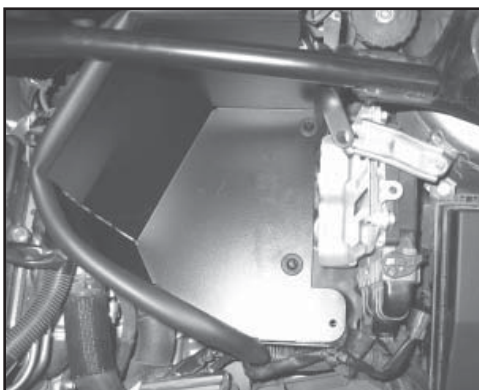


13. Install the two 7/16" ID grommets (08092) that are provided into the mounting holes in the heat shield as shown.

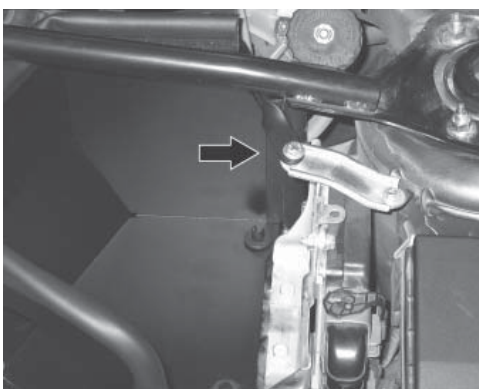


14. Install the heat shield bracket (070702) onto the heat shield as shown.

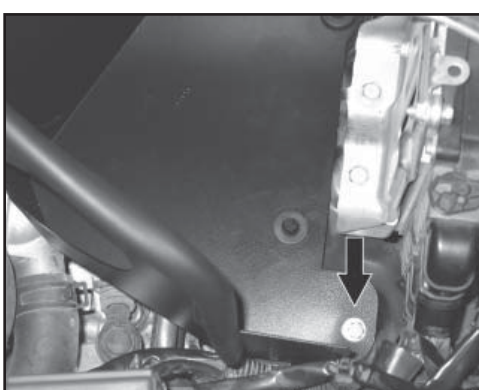
**NOTE: Do not completely tighten the bracket at this time.**



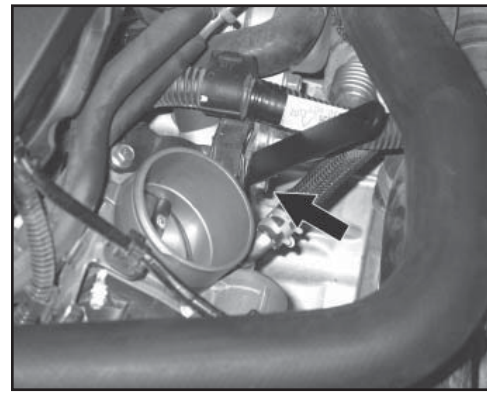
15. Install the heat shield assembly into the vehicle so that the grommets fit tightly over the factory air box mounting studs.



16. Place the supplied spacer under the heat shield mounting bracket and then secure the bracket to the ECU mounting bracket with the provided hardware as shown.

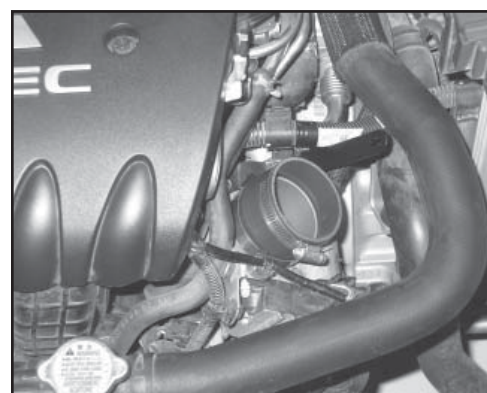


17. Secure the front of the heat shield to the front air box mount with the hardware provided. Tighten all the heat shield mounting bolts.

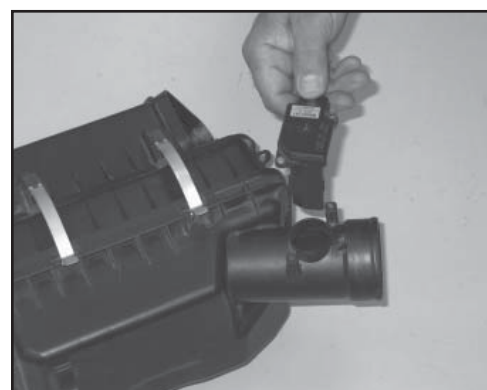


18. Unhook the engine wiring harness from the clip and move the wiring harness rearward as shown. Install the intake tube mounting bracket (06724) onto the intake manifold and secure with the provided hardware.

**NOTE: On vehicles equipped with a 2.4L engine with the larger throttle body, use the supplied silicone hose #084016.**



19. Install the provided silicone hose (08441) onto the throttle body and secure with the provided hose clamps.



20. Remove the two screws that secure the mass air sensor onto the factory air box. Then remove the mass air sensor as shown.



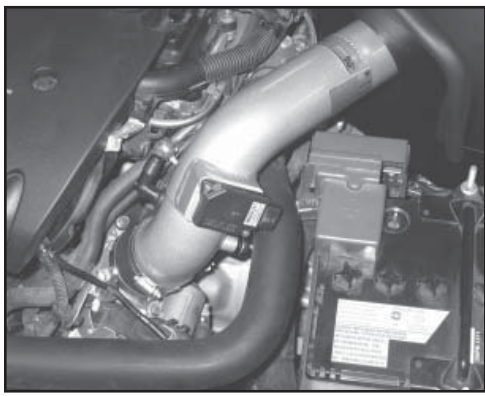
21. Install the mass air sensor into the intake tube and secure with provided hardware.



22. Install the provided 1/2" ID grommet (08064) into the intake tube as shown.

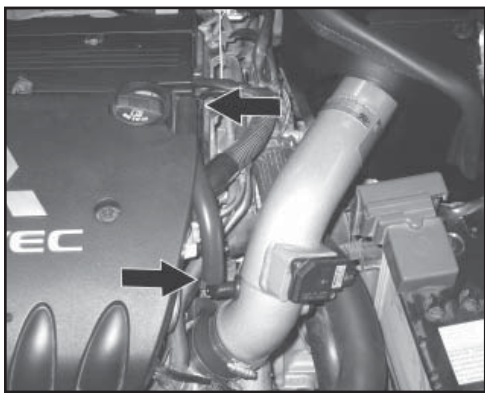


23. Install the 90° barbed fitting into the grommet that was installed into the K&N intake tube in the previous step.

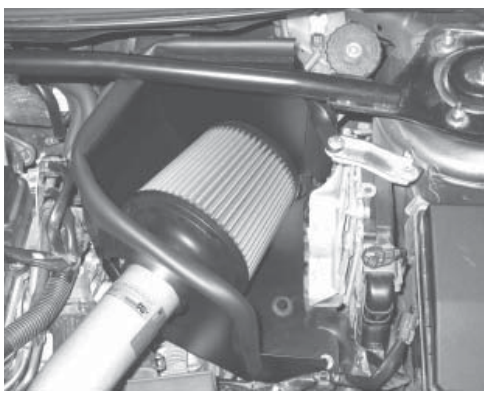


24. Install the K&N intake tube into the silicone hose at throttle body and align with the mounting bracket installed in step #18. Secure the intake tube with hose clamp and hardware provided.

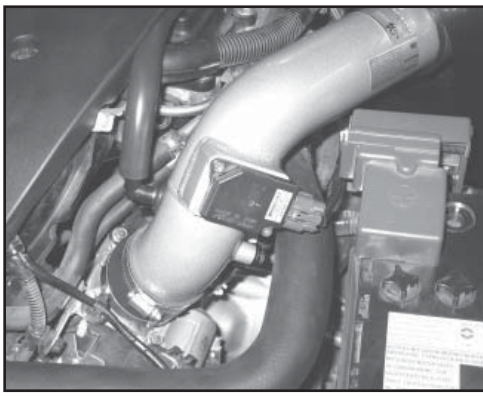
**NOTE: It may be necessary to reposition the positive battery cable to obtain proper clearance of the tube.**



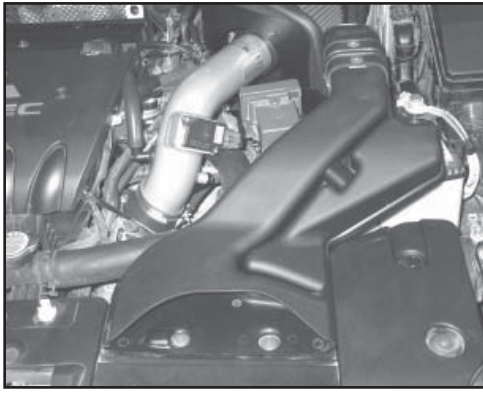
25. Install the provided crank case vent hose onto the 90° barbed fitting on the K&N intake tube. Then attach the open end of the vent hose onto the valve cover vent port as shown.



26. Install the K&N Air Filter onto the intake tube and secure with the provided hose clamp.



27. Reconnect the mass air sensor electrical connection.



28. Reinstall the fresh air intake scoop and secure with the factory retaining clips.



29. Reconnect the negative battery cable and double check to make sure everything is tightened and properly positioned before starting the vehicle.

30. It will be necessary for all K&N Typhoon intake kits to be checked periodically for realignment, clearance and tightening of all connections. Failure to follow the above instructions or proper maintenance may void 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.