

TYPHOON INTAKE SYSTEMS®

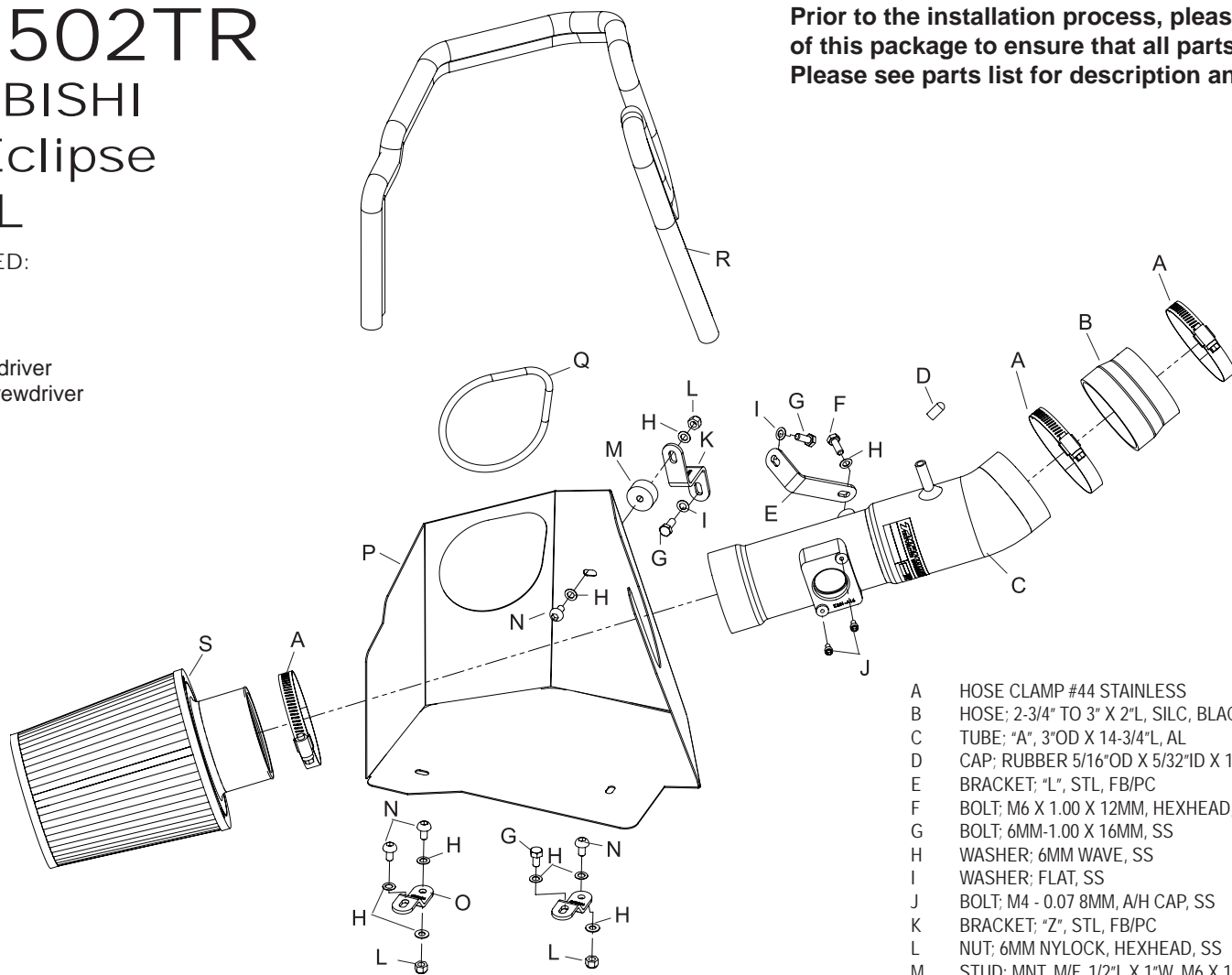
BY 

INSTALLATION INSTRUCTIONS

69-6502TR
MITSUBISHI
2006 Eclipse
V6-3.8L

TOOLS NEEDED:
Ratchet
Long Extension
10mm Socket
Flat blade Screwdriver
Phillips Head Screwdriver
Pliers
10mm Wrench
10mm Socket
12mm Socket
3mm Allen
4mm Allen

Prior to the installation process, please inspect the contents of this package to ensure that all parts are included in this kit. Please see parts list for description and quantities.



A	HOSE CLAMP #44 STAINLESS	3	08560
B	HOSE; 2-3/4" TO 3" X 2"-L, SILC, BLACK	1	084036
C	TUBE; "A", 3"OD X 14-3/4"L, AL	1	27511
D	CAP; RUBBER 5/16"OD X 5/32"ID X 11/16"H	1	08282
E	BRACKET; "L", STL, FB/PC	1	020012
F	BOLT; M6 X 1.00 X 12MM, HEXHEAD, SS	1	07727
G	BOLT; 6MM-1.00 X 16MM, SS	3	07812
H	WASHER; 6MM WAVE, SS	9	08277
I	WASHER; FLAT, SS	2	08269
J	BOLT; M4 - 0.07 8MM, A/H CAP, SS	2	07733
K	BRACKET; "Z", STL, FB/PC	1	010033
L	NUT; 6MM NYLOCK, HEXHEAD, SS	3	07512
M	STUD; MNT, M/F, 1/2"L X 1"W, M6 X 1.00	1	070228
N	BOLT; M6 X 1.00" 12MM BUTTONHEAD, SS	4	07794
O	BRACKET; "Z", STL, FB/PC	2	070056
P	HEAT SHIELD; STL, FB/PC	1	07344
Q	EDGE TRIM; 1/16" GAP, 13-1/2"L	1	102455
R	EDGE TRIM; 3/4" TOP LOC., 44"L	1	102486
S	AIR FILTER	1	RU-4730

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

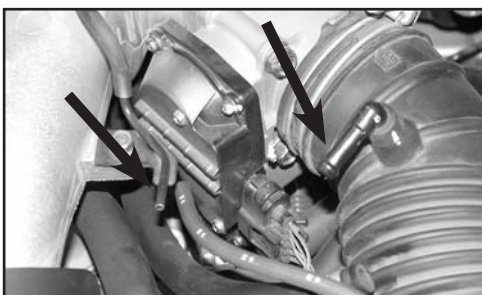
TO START:



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



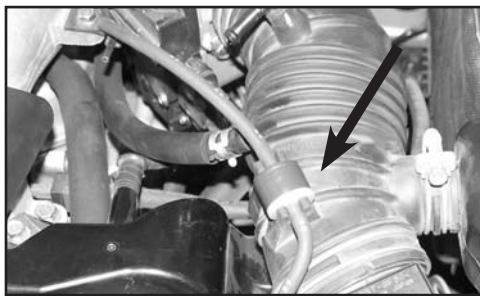
2. Disconnect the MAF sensor harness.



3. Disconnect the Crankcase Vent (CCV) hose and Vacuum Switching Valve hose. Then loosen the hose clamps at the throttle body.



4. Unclip the two clips that hold the air box together.



5. Unclip the Vacuum Switching Valve hose from the stock intake tube.



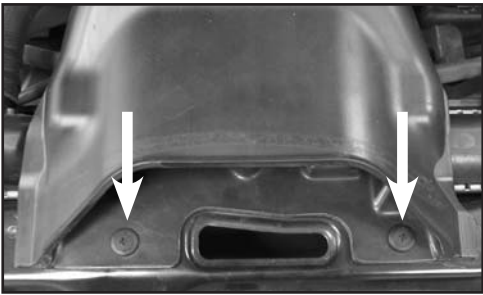
6. Lift the upper air box and turn over, the unclip the MAF sensor wire harness.



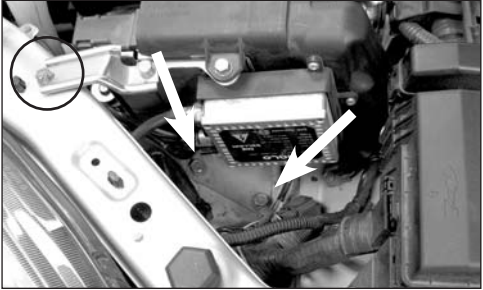
7. Remove the upper air box and intake tube from the vehicle.



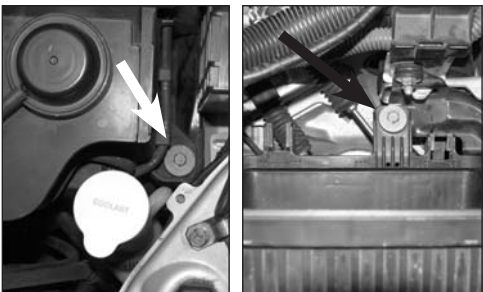
8. Remove the stock air filter



9. Loosen and remove the 2 screws that hold the air inlet duct in place. NOTE: These screws will be reused at a later times.



10. Loosen the three bolts that hold the ECU in place. NOTE: Bolts will be reused.



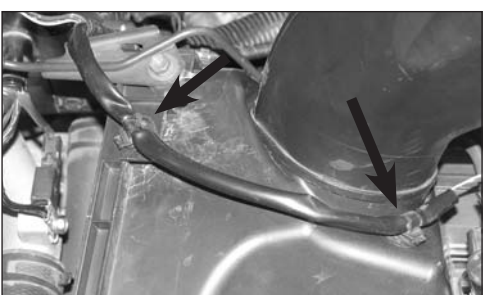
11. Loosen and remove the two bolts that secure the lower air box.



12. Disconnect the Vacuum Switching Valve Solenoid.



13. Lift the lower air box, then pull to the left to unclip it.



14. Turn the lower air box sideways, then unclip the two clips that secure the wire harness. Remove the lower air box from the vehicle.



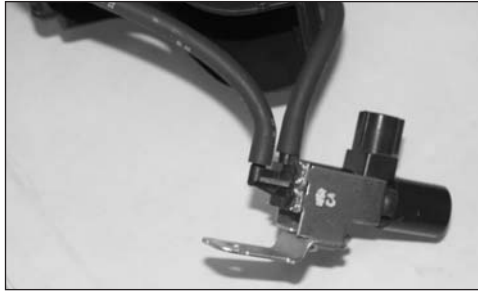
15. Resecure the ECU bolts loosened in step #10.



16. Remove the two screws that secure the MAF sensor, then install it into the Typhoon intake tube with the new provided hardware.



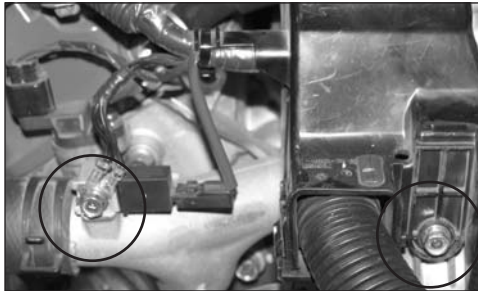
17. Loosen and remove the bolt that secures the Vacuum Switching Valve Solenoid to the lower air box.



18. Disconnect the two hoses on the Vacuum Switching Valve Solenoid.



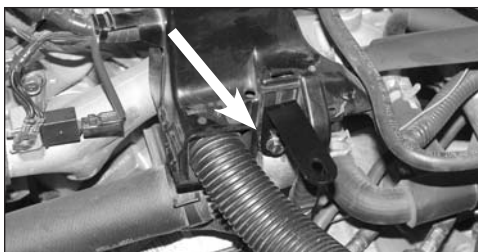
19. Unclip and remove the air inlet duct from the lower air box.



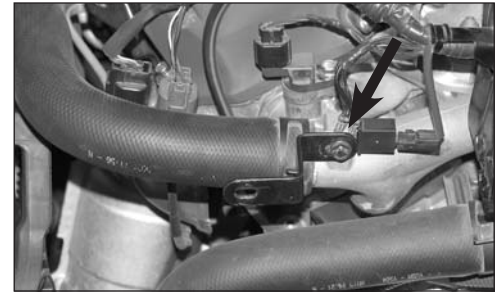
20. Loosen and remove these two bolts. (Ground and wire harness)



21. Install the provided silicone hose and hose clamps, onto the throttle body, as shown.



22. Install the "L" Bracket onto the wire harness bracket with the provided hardware.



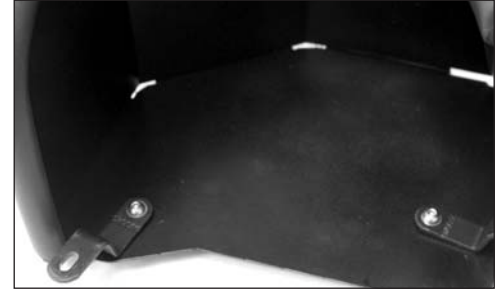
23. Install the "Z" bracket onto the ground with the provided hardware.



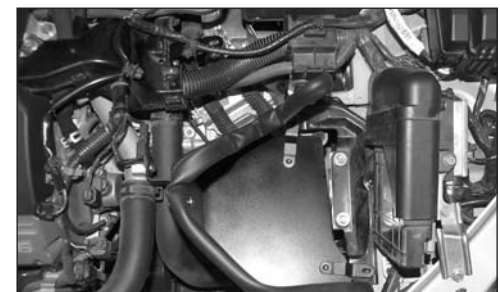
24. Install the small edge trim into the hole, then attach the large edge trim around the heat shield.



25. Install the vibration mount on the back side of the heat shield using the provided hardware, as shown.



26. Install the "Z" brackets on the base of the Heat Shield with the provided hardware, as shown.



27. Install the heat shield into the engine bay, then attach the side brackets to the vibration mount on the heat shield, as shown.



28. Attach the front bracket to the threaded hose on the stock air box mounting points. Then attach the Vacuum Switching Valve Solenoid and the rear bracket to the other threaded hole, with the provided hardware.

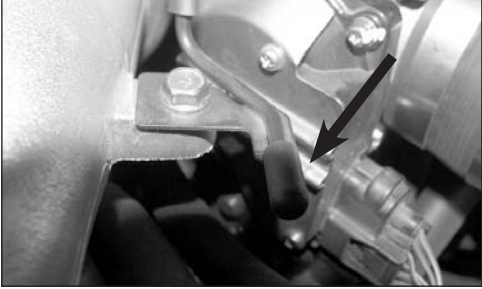


29. Install the factory air inlet duct, and secure with the two screws removed from step # 9. Adjust for fit and clearance, then tighten the heat shield mounting hardware.

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30. Reconnect the Vacuum Switching Valve Solenoid.



31. Plug the Vacuum port with the provided rubber cap.



32. Install the K&N air filter to the intake tube, as shown.



33. Install the Typhoon intake tube with the provided hardware, as shown. Adjust for best fit and clearance, then tighten all hardware, and hose clamps.



34. Reconnect the Crankcase vent hose and harness to the MAF sensor.

35. Check for best fit, then tighten all hardware and hose clamps.

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

37. It will be necessary for all Typhoons 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 Filtercharger 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.

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