



INTAKE SYSTEMS FOR VEHICLES LISTED ARE 50 STATE LEGAL. SEE KNFILTERS.COM FOR CARB STATUS ON EACH PART FOR A SPECIFIC VEHICLE.

INSTALLATION INSTRUCTIONS

57-5505 MITSUBISHI 2000-05 Eclipse V6-3.0L

TOOLS NEEDED:

- Flat blade screw driver
- Ratchet
- Long extension
- Needle nose pliers
- 14mm socket
- 12mm socket
- 10mm wrench
- 12mm wrench
- 4mm allen wrench
- 5mm allen wrench

TO START:

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



2. Disconnect the mass air electrical connection as shown.



3. Disconnect the crank case vent as shown.



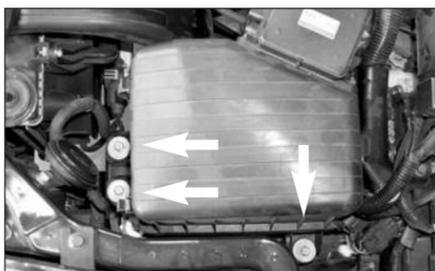
4. Loosen the hose clamp at the throttle body and air box assembly.



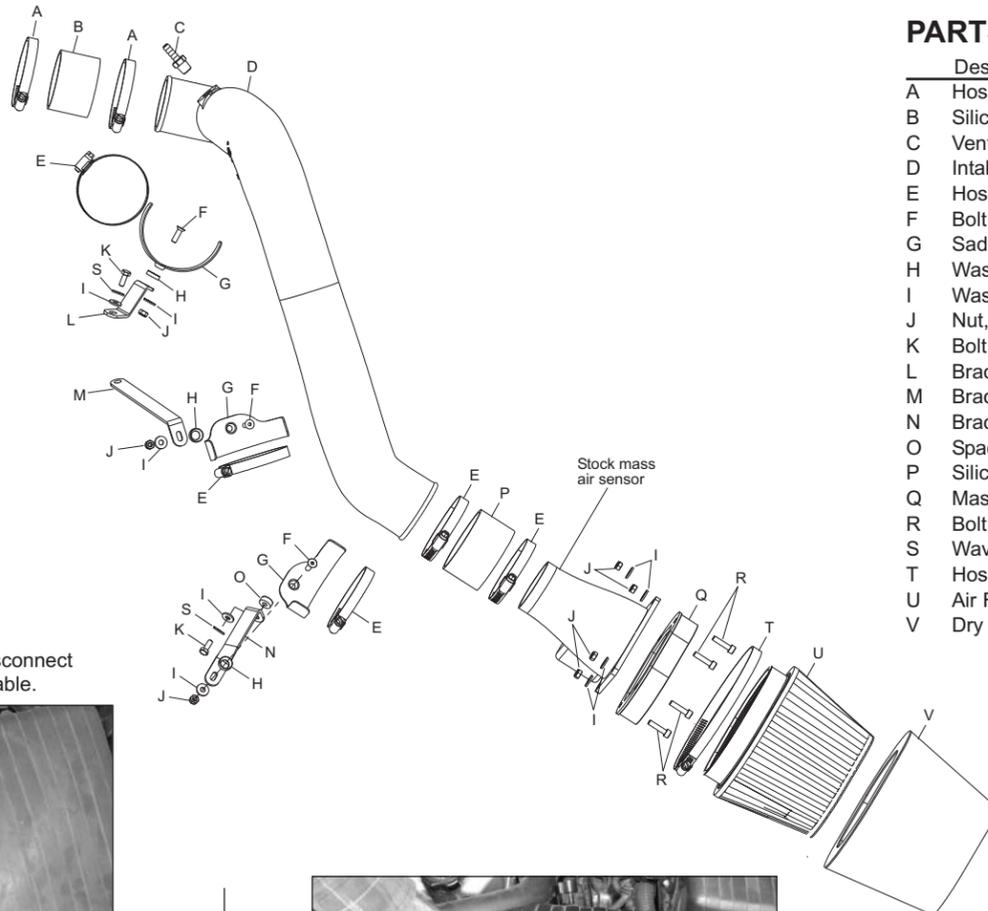
5. Remove the air intake tube as shown.



6. Remove electrical wires from air box as shown.



7. Loosen the three bolts that retain the air box onto the vehicle.



PARTS LIST:

Description	Qty.	Part #
A Hose clamp #44	2	08577
B Silicone hose, 2.75IDx2"L	1	08756
C Vent; strt, 5/16" barbed, 1/4 npt	1	08908
D Intake tube (CD)	1	26082
E Hose clamp #52	4	08610
F Bolt, m6-1.00x20mmf/h/a/ ss	2	08376
G Saddle bracket	2	078855
H Washer, conical, black	2	08180
I Washer, 1/4"	8	08275
J Nut, 6mm nylock hexhead	6	07553
K Bolt m6-1.00x16mm hex hd. tap	2	07703
L Bracket, small "Z"	1	07141
M Bracket large "L"	1	07143
N Bracket, small "L"	1	07142
O Spacer	1	06555
P Silicone hose, 3.25"IDx2"L	1	08690
Q Mass air adapter (100)	1	08846
R Bolt; 6mm-1.00x25mm allen	4	07859
S Wave washer 6mm	2	08174
T Hose clamp #104	1	08697
U Air Filter	1	RF-1001
V Dry Charger	1	RF-1001DK



8. Remove the two push pins that retain the fresh air scoop onto the vehicle **NOTE: To release the push pin press the center of pin to release.**



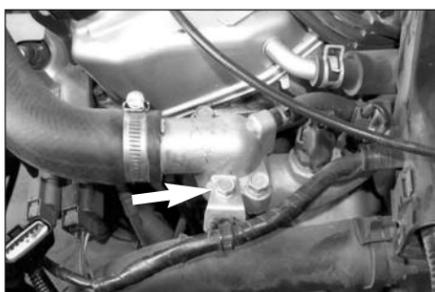
9. Remove the complete air box from vehicle as shown. **NOTE: K&N Engineering, Inc., recommends that customers do not discard factory air intake.**



10. Install the silicone hose, (08756), onto the throttle body with the provided hose clamps as shown.



11. Assemble saddle bracket as shown.



12. Remove the bolt from water neck.



13. Secure the saddle bracket assembly onto the water neck with the provided bolt as shown.



14. Vehicles that come equipped with manual transmissions assemble the large "L" bracket onto the saddle bracket as shown.



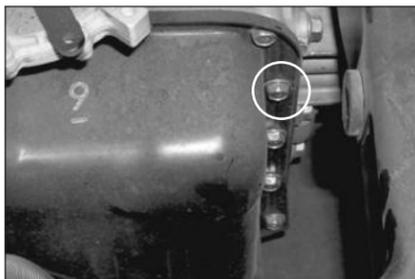
- 14a. Remove the bolt that retains the electrical harness to the transmission.



- 14b. Install the new saddle bracket assembly using the bolt that was removed in the previous step. **NOTE: mount the bracket under wiring loom.**



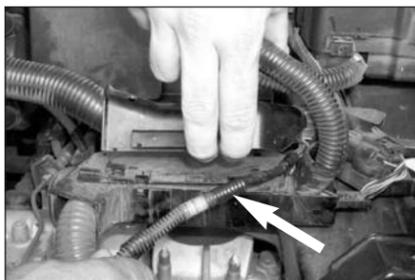
15. Vehicles that come equipped with automatic transmissions, assemble the saddle bracket as shown.



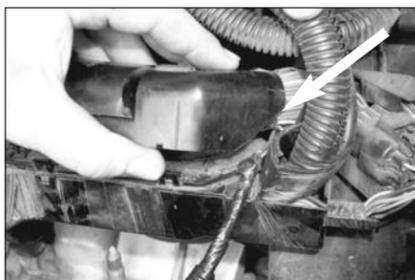
15a. Remove the transmission bolt as shown.



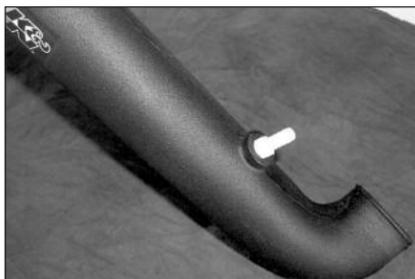
15b. Install saddle bracket assembly onto the transmission with the provided 10mm bolt.
NOTE: make sure to install the provided spacer behind the new bracket.



16. Release the 4 clips that hold the wire loom junction closed then lift up and remove the mass air electrical lead.



17. Trim the wire loom cover 45 degrees to give the electrical lead clearance.



18. Install the vent fitting onto the new K&N intake tube as shown.



19. Remove the 4 nuts that retain the mass air sensor onto the factory air box then remove the mass air sensor as shown.



20. Install the K&N filter adaptor onto the mass air sensor with the hardware provided.



21. Install the new K&N filter charger onto the mass air sensor as shown.



22. Install the provided dry charger onto the K&N filter as shown.



23. Install the silicone hose onto the mass air sensor with the provided hose clamps.



24. Reconnect the mass air sensor electrical connection then lay the mass air assembly on the inner splash pan as shown.



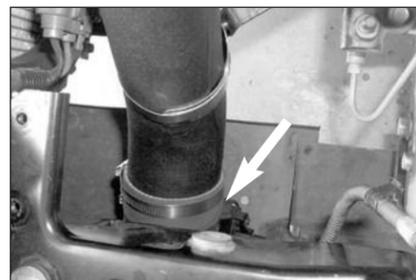
25. Install the new K&N intake tube onto the throttle body. Do not tighten hose clamps completely at this time.



26. Line up the two saddle brackets onto the intake tube then secure the tube with the provided hose clamps.



27. Reconnect the crank case vent onto the new K&N intake tube as shown.



28. Install the mass air and filter assembly onto the intake tube. **NOTE: when installing filter assembly it may be necessary to mount the filter assembly from under the vehicle.**



29. Reconnect the vehicle's negative battery cable. Double check to make sure everything is tight and properly positioned before starting the vehicle.

30. 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.

31. It will be necessary for all FIPK's 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 99-5050 or 99-5000.

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