



Revision: 1.8 - 06/20/2011

**LA-2381-00 & LA-2381-00B
xXx AIR KIT SUZUKI M109**

Page: 1

CAUTION! We Strongly recommend that a qualified technician install this kit if you do not completely understand the instructions prior to the install.

INCLUDED IN THE KIT:

(2) Chrome Mesh Inserts	(2) Chrome xXx Covers
(6) M5x12mm Phillips Head Stainless Screws	(2) Black Air Filter Cinch Plates
(12) 1/4-20x3/4" Flat Head Allen Screws	(6) Aluminum Stand-Offs
(2) Performance Re-Usable Air Filter	(2) Chrome Intake Adapter Plates
(2) 1/4-20x1/2" Polished SS Flat Head Allen	

TOOLS REQUIRED:

10mm Socket	4mm & 5/32" Allen Wrenches
Phillips Screwdriver	Factory Service Manual

INSTRUCTIONS:

1. Remove seat, side covers & fuel tank per instructions in your factory service manual.
2. Starting from the left side, remove the two M6 button head allen screws holding the factory air box to the motor. There is a spacer on the lower bolt. This will need to be re-used.
3. Loosen hose clamp holding air cleaner chamber hose that runs to the factory air box. Remove this hose with the air box as a single unit. This will leave you with what is shown in Fig. 1.
4. With the factory air box off the bike, remove the five phillips head screws on the back. These hold the chrome cover onto the air box. They will not be re-used.
5. Inside the air box, there are 3 phillips head screws holding the factory filter to the back of the box. Remove the filter and save the screws for re-use.
6. Remove the rubber elbow intake tube from inside of the box. This will not be used.
7. Remove gasket from factory air filter and install it into the groove in the back of the chrome intake adapter plate.
8. Using three of the 1/4-20x3/4" flat head Allen screws, install 3 of the stand-offs into the front side of adapter plate. They will be facing outward away from the bike. The flat head Allen screws have a counter-bore on the back of the plate where they sit flush. They mount as shown in Fig. 2.
9. Place chrome adapter plate onto the back half of factory air box. Secure it to the air box with three M5x12mm stainless screws. They go into the deep holes on the back side of factory air box.
10. Flip the assembly over and insert the 3 screws you saved from step 4. These will also secure the adapter plate to the backside of filter box. **DO NOT OVERTIGHTEN!**

Our install guides provide a basic outline on the proper installation of our products. Further tuning and/or fitment may be required. LA Choppers bears no responsibility on installation costs associated with this product.
© 2013 LA Choppers

11. Re-install the assembly onto the left side of the bike. Be sure to hook up the snorkel tube to the factory air cleaner chamber under the tank. Tighten all hose clamps.

12. Using three 1/4-20x3/4" flat head Allen screws and the black air filter cinch plate, install air filter on stand-offs. Torque to only 3-5 ft/lbs. (Fig. 3)

13. Place chrome mesh and chrome xXx cover onto black cover and secure with the 1/4-20x1/2" polished stainless flat head bolt.

14. On the right side, remove the two M6 button head screws that hold the factory air box to the engine. Loosen hose clamp on snorkel and remove entire unit as one assembly.

15. Repeat steps 4 thru 13 on right (exhaust) side of bike.

16. Reassemble fuel tank, side covers and seat per Factory Service Manual. You should be left with what is shown in Fig. 4.

