



# INSTALLATION INSTRUCTIONS

## PART NUMBER: RK-3908, RK-3918, RK-3928

Congratulations, you have purchased the finest custom air cleaner that money can buy. With proper care, this filter will last 1 million miles or more. This custom air cleaner replaces the stock air cleaner assembly. The following procedure **MUST** be followed to ensure a proper fit and seal of the custom air cleaner.

**NOTE: C.A.R.B. E.O.# D-269-35 applies ONLY to fuel injected models**

### PARTS LIST:

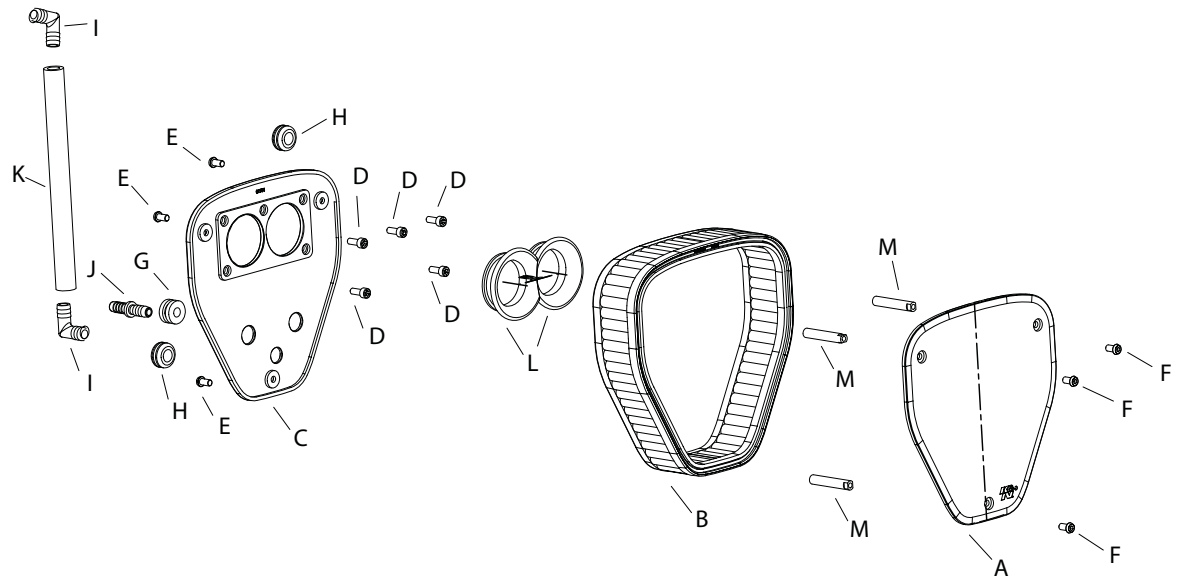
Description	Qty.	Part #
A Outer Plate (with various designs)	1	07809 / 07813 / 07814
B <a href="#">Air Filter Element</a>	1	E-3017
C Back Plate	1	01904
D Bolt; 6mm x 1.00" x 16mm Allen	5	07820
E Bolt; M6 x1.00" x16mm BttHd	3	07730
F Bolt; M6x 1.00" x12mm BttHd	3	07794
G Grommet; 15/16"OD, 3/8"ID, 17/32" Thk	1	08100
H Grommet; 1"OD, 1/2"ID, 1/2" Thick	2	08064
I Vent; 1/2 x 1/2 Plastic Elbow	2	08065
J Vent; Straight 3/8"	1	08041
K Hose; 3/8"ID x 17" Length	1	08404
L Velocity Stack	2	08924
M Spacer; 2.100"L x .375"OD	3	08581-1

### NOT Shown

Thread Locker	1	482
Cable Tie 4"	1	21589

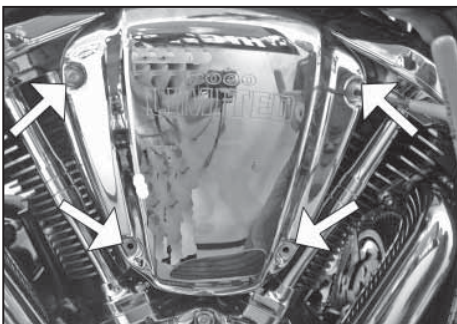
### Products Sold Separately

Part Number	Part Number
Replacement Air Filter Element	E-3017
Drycharger Wrap	E-3016DK

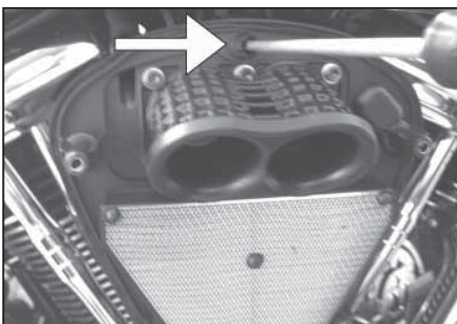


**NOTE: FAILURE TO FOLLOW INSTALLATION INSTRUCTIONS AND NOT USING THE PROVIDED HARDWARE MAY DAMAGE THE THROTTLE BODY AND ENGINE.**

### TO START:

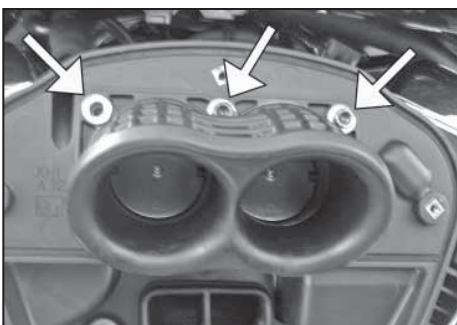


1. Remove the four socket bolts that hold the cover on and remove the cover.



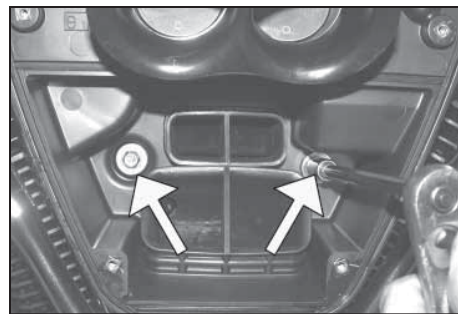
2. Remove the air filter screw.

3. Remove the stock air filter.



4. Remove the five duct bolts.

**NOTE: There are three on the top and two on the bottom.**



5. Remove the two lower air cleaner housing bolts.



6. Disconnect the crankcase breather tube from the top of the air box.

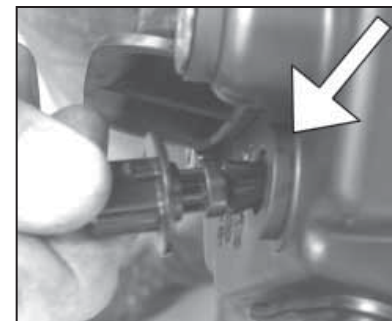


7. Slide the clamp back and remove the breather tube from the bottom of the air cleaner assembly.

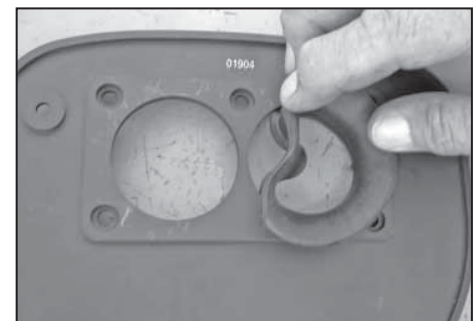


8. Unplug the wiring from the air temperature sensor on the back of the air cleaner assembly.

9. Remove the air cleaner assembly from the motorcycle.  
**NOTE: K&N Engineering, Inc. recommends that customers do not discard the factory air intake components.**



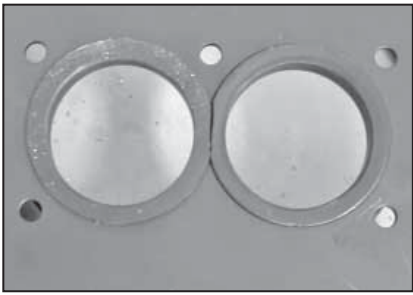
10. Remove the air temperature sensor from the air cleaner assembly.



11. Install the supplied velocity stacks into the provided back plate.



12. The flat sides of the velocity stacks will be in the middle.



13. Make sure the velocity stacks are completely seated on the back plate.



14. With the back of the back plate facing you install the two rounded grommets into the top left and top right holes.



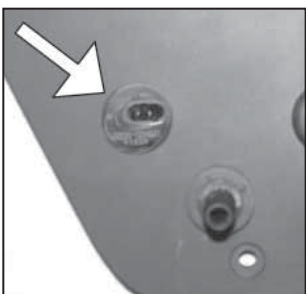
15. Install the 90 degree elbow vent into the top right grommet.



16. Install the squared grommet into the middle hole in the back plate.

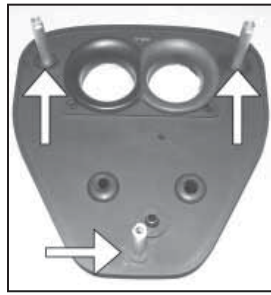


17. Install the straight vent into the middle grommet.



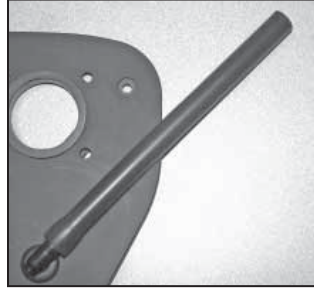
18. Install the air temperature sensor into the top left grommet.

19. Apply a small amount of thread locker to the threads of the 16mm buttonhead bolts.

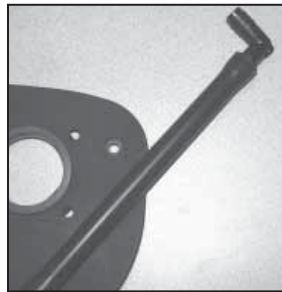


20. Install the buttonhead bolts through the back of the back plate and thread into the spacers. Tighten completely at this time.

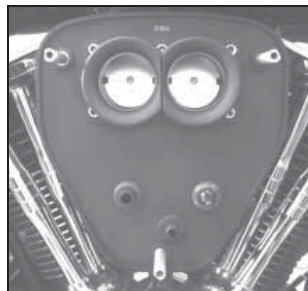
21. Use a ruler or tape measure and cut the provided 17 inch hose to 9 inches in length.



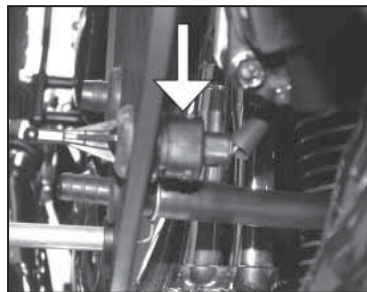
22. Install the provided 9 inch hose onto the 90 degree vent.



23. Install the second 90 degree vent into the other end of the hose.



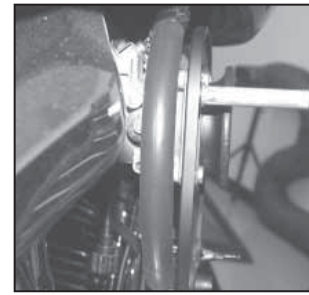
24. Hold the back plate to the throttle assembly. Install the five provided allen bolts and tighten. **NOTE: It may be necessary to slightly move the velocity stacks. Make sure they are seated when you tighten the bolts.**



25. Plug the air temperature sensor wiring into the air temperature sensor.



26. Reinstall the breather tube removed in step 6 into the straight vent.

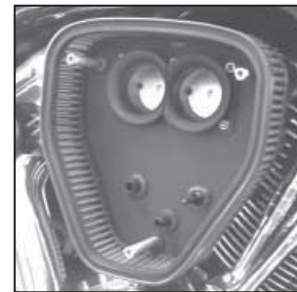


27. Bend the provided hose around the manifold and reinstall the crankcase breather onto the elbow vent.

**NOTE: Crankcase breather was unplugged in Step 5.**

28. Using the provided cable tie secure the hose to the TP Sensor wiring harness. Cut off the excess cable tie.

**NOTE: Check the throttle to ensure the hose does not interfere with the throttle linkage movement.**



29. Install the K&N® air filter onto the backplate. **NOTE: Make sure the air filter is completely seated onto the back plate.**



30. Install the front plate on the K&N® air filter. **NOTE: Make sure the front plate is completely seated onto the K&N® air filter.**

31. Using the provided 12mm buttonhead bolts, tighten the front plate onto the spacers. **NOTE: As you are tightening the bolts make sure the air filter and top plate have not come unseated.**

32. The C.A.R.B. exemption sticker, (attached), must be visible, so the 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.

33. It will be necessary for all K&N® custom air cleaners 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. 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 ride 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 Engineering Inc., 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 99-5050 or 99-5000.