



# TYPHOON INTAKE SYSTEMS

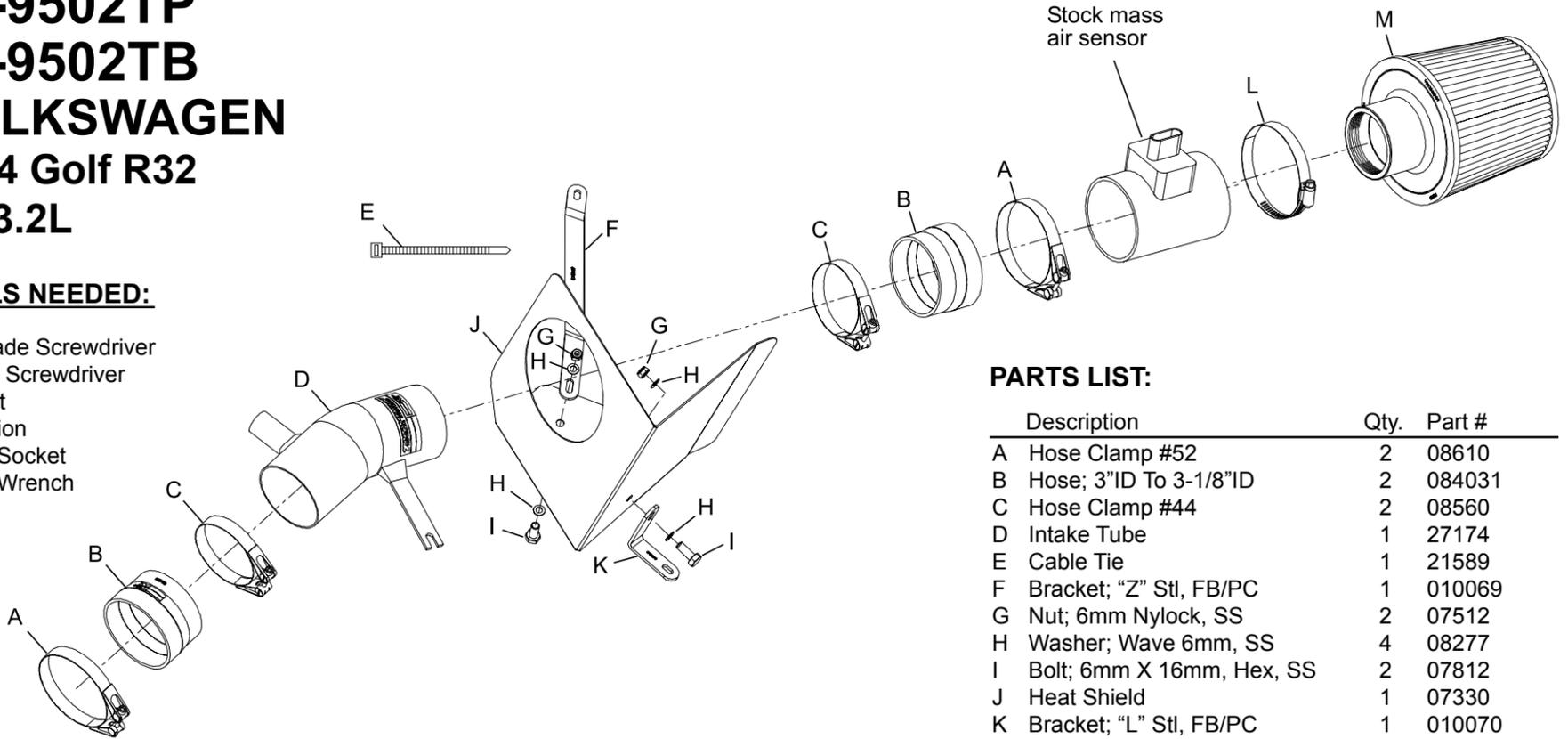
INTAKE SYSTEMS FOR VEHICLES LISTED ARE 50 STATE LEGAL. SEE KNFILTERS.COM FOR CARB STATUS ON EACH PART FOR A SPECIFIC VEHICLE.

## INSTALLATION INSTRUCTIONS

**69-9502TP**  
**69-9502TB**  
**VOLKSWAGEN**  
**2004 Golf R32**  
**V6-3.2L**

### TOOLS NEEDED:

- Pliers
- Flat Blade Screwdriver
- Phillips Screwdriver
- Ratchet
- Extension
- 10mm Socket
- 10mm Wrench



### PARTS LIST:

| Description                 | Qty. | Part #  |
|-----------------------------|------|---------|
| A Hose Clamp #52            | 2    | 08610   |
| B Hose; 3"ID To 3-1/8"ID    | 2    | 084031  |
| C Hose Clamp #44            | 2    | 08560   |
| D Intake Tube               | 1    | 27174   |
| E Cable Tie                 | 1    | 21589   |
| F Bracket; "Z" Stl, FB/PC   | 1    | 010069  |
| G Nut; 6mm Nylock, SS       | 2    | 07512   |
| H Washer; Wave 6mm, SS      | 4    | 08277   |
| I Bolt; 6mm X 16mm, Hex, SS | 2    | 07812   |
| J Heat Shield               | 1    | 07330   |
| K Bracket; "L" Stl, FB/PC   | 1    | 010070  |
| L Hose Clamp #60            | 1    | 08624   |
| M Carbon-Fiber Top Filter   | 1    | RP-5118 |

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

### TO START:

- Turn off the ignition and disconnect the negative battery cable.  
**NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied with your owner's manual. In the event your vehicles' anti-theft code cannot be recovered, contact an authorized dealership to obtain your vehicles anti-theft code.**



- Pull firmly upwards to remove the engine cover as shown.



- Unclip the battery cover and remove as shown.



- Disconnect the mass air sensor electrical connection as shown.



- Remove the two air cleaner bolts as shown.



- Disconnect the crank case vent switch as shown.



- Remove the crank case vent hose from the intake tube as shown.



- Depress the hose clamp to remove the stock intake tube from the throttle body, then, remove the complete air cleaner assembly as shown.  
**NOTE: K&N Engineering, Inc., recommends that customers do not discard factory air intake.**



- Remove the mass air sensor from the air cleaner assembly as shown.



- Remove the intake tube from the mass air sensor as shown.



11. Loosen the nut on the cam cover but do not remove as shown.



12. Install the silicone hose and hose clamps onto the throttle body as shown.



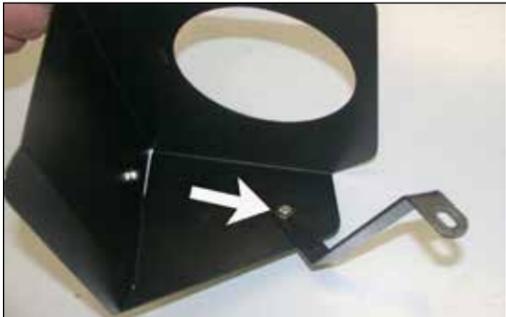
13. Slide the intake tube into the silicone hose on the throttle body, then, line up the bracket with the stud from step 11 as shown.



14. Install the silicone hose and hose clamps onto the mass air sensor as shown.



15. Slide the mass air assembly onto the K&N intake tube, but do not tighten at this time.



16. Install the "Z" bracket onto the heat shield using the provided hardware as show, but do not tighten completely at this time.



17. Install the "L" bracket onto the heat shield using the provided hardware as show, but do not tighten completely at this time.



18. Install the heat shield into the vehicle and secure it using the stock air cleaner bolts, adjust for best fit and clearance and tighten all hardware.



19. Adjust the tube for best fit and clearance and tighten the nut on the cam cover as well as the hose clamps on the intake tube as shown.



20. Install the air filter and secure with the provided hose clamp.



21. Reconnect the crank case vent hose to the vent on the K&N® intake tube.



22. Reconnect the mass air sensor electrical connection as shown.



23. Zip-tie the crank case vent switch to the throttle control connection as shown.



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

25. 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.

26. It will be necessary for all K&N® high flow intake systems 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 Engineering, Inc., requires cleaning the intake system's air filter element every 100,000 miles. When used in dusty or off-road environments, our filters will require cleaning more often. We recommend that you visually inspect your filter once every 25,000 miles to determine if the screen is still visible. When the screen is no longer visible some place on the filter element, it is time to clean it. To clean and re-oil, purchase our filter Recharger® service kit, part number 99-5050 or 99-5000 and follow the easy instructions.

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