

# **THE FACTORY**

PART OF THE LVS GROUP INC.

CONGRATULATIONS on Your purchase of our new "factory filter". This product will dramatically increase your engine life, and will provide years of trouble free performance.

## **WARRANTY:**

This product is Guaranteed to be free of material and workmanship defects at the time of delivery.

The LVS Group and any of its subsidiaries shall not be held liable or responsible for any damage or injury, subsequent or otherwise resulting from the use of any LVS product.

## **INSTALLATION**

1. Remove engine
2. Remove shroud, old oil cooler and intermediate flange.
3. Install new FACTORY FILTER bracket & cooler.
4. Install template onto shroud and cut accordingly. check your template and find the locations of the spot weld. When you cut the shroud be sure not to cut the spot weld as it necessary to hold one of the interior air directional vanes in place.
5. Install the shroud and check for clearance between the shroud and your new filter bracket. When the shroud is installed there should be 2mm clearance between the shroud and your new filter bracket. The area were the spot weld is, usually needs to be bent back with a ballpeen hammer.  
NOTE: Don't worry about slight air leakage. If you install the shroud on top of an original flange you will see gaps of up to 13mm. Volkswagen designed the fan to flow enough CFM to compensate for slight leakage.
6. After you have reassembled the engine & accessories, be sure to route your spark plug wires so that they don't touch the filter. They fit nicely between the bracket & shroud. There should be 6 to 7mm clearance between your filter and anything.
7. You must slide your ignition coil back into the bracket & rotate it counter-clockwise on the shroud as to obtain the proper 6 to 7mm clearance. Also rotate the coil within the bracket to clear the 1 & 15 terminals.
8. Lastly you must be sure that your plug wires are are in good condition to avoid arching to the filter. You must also be sure that your oil pressure warning light is working properly to alert you of any problems.

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LVS T.01

GENERATOR PLATE  
BOLT HOLE

LINE UP  
THIS EDGE

ACCELERATOR CABLE HOLE

SPOT WELD  
LOCATED HERE

**FAN SHROUD CUTOUT TEMPLATE**

THERMOSTAT  
MOUNTING

LINE UP THIS EDGE

9P-15



INCH  
1:1  
50

