

LEOVINCE SBK SILENCER PACKING MAINTENANCE AND REPLACEMENT

The products of the SBK range utilize thermally and mechanically resistant fiberglass wool, but due to the nature and function of the silencer itself, they are liable to wear.

As described in paragraph 3.00 of the General Guarantee conditions in the booklet accompanying every LeoVince system, regular maintenance must be performed on the silencer (muffler) packing.

It is necessary to periodically check the integrity of the packing material. This can initially be done by listening for excessive exhaust noise. If the exhaust tone is uncharacteristically loud or metallic/hollow sounding, most likely the packing needs to be replaced. The average duration of the packing material obviously varies according to the load applied, riding style of the user and engine size and configuration. For example, a large single or twin cylinder bike will tend to require shorter packing intervals than a 4 cylinder bike of the same displacement. That being said it is not uncommon for singles and twins to go 15k miles between repacks and 4 cylinders to go 20k or more due to the high quality dense packing used in LeoVince SBK products.

If the packing material is found to have deteriorated, it should be replaced before this deterioration affects the heat insulation properties towards the exterior of the silencer. If this is not done, in time there can be a risk of damaging the carbon mounting brackets/ silencer sleeves and possibly body panels/fairings on the motorcycle.

NOTE: The replacement of the muffler packing must be done exclusively with original LeoVince spare parts and by following the assembly instructions provided in the pack.

INSTRUCTIONS FOR REPLACING PACKING MATERIAL INSIDE LEOVINCE SBK SILENCERS

1. Make sure the silencer is at room temperature before beginning work, and remove the silencer from the exhaust system and motorcycle.
2. Using a 7/32 drill bit (preferably cobalt or titanium coated) drill the rivets out of the front end cap only.
3. Slide the silencer sleeve and rear end cap off as one piece and remove the old packing material wrapped around the mufflers core. Be sure not to remove the steel wire mesh tube around the silencers core as this will be re-used.
4. It is also recommended to drill the rivets out of the rear cap and remove it from the sleeve as well to help facilitate the final re-assembly of the silencer later.



5. Proceed to wrap the first layer of packing material around the muffler core (perforated metal tube). This material is shown on the right in the first photo and marked with a number “1” (Your SBK repack contains 2 layers of packing material number “1”). In order to achieve the correct balance between duration and noise level it is essential to not put too much pressure on the fiberglass wool while wrapping it around the perforated core.
6. Next, wrap the second layer of packing material around the perforated muffler core (same as the first layer). Again, be sure not to put too much pressure on the material as you wrap it, as it does not need to be excessively tight.



7. Trim off any packing that protrudes past the end of the perforated core and secure the whole assembly using masking tape. Be sure to wrap the tape all the way around the circumference so that it does not come loose.
8. Repeat the same procedure (steps 6-7) with the glossy outside layer of packing material (material labeled number “2” from the first photo. Make sure the more glossy side of this layer is facing the outside.



9. Re-assemble the silencer by sliding the muffler sleeve over the core assembly and re-installing the end caps (remember to re-install the carbon fiber end cap on Factory mufflers that are so equipped). Line up the rivet bands over the rivet holes, overlapping the final two holes of each band and rivet both the front and rear ends of the muffler. To avoid the risk of any leakage or wear of the rivets, we strongly recommend using the LeoVince spare parts rivets (sold separately with the rivet straps) as they are made from a high quality 304 stainless steel.

