

## **LEOVINCE X3 SILENCER PACKING MAINTENANCE AND REPLACEMENT**

The products of the X3 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 displacement single-cylinder bike will tend to require shorter packing intervals than a bike of a smaller engine size. That being said it is not uncommon for off road machines to go 50 hours or more between re-packs due to the high quality dense packing used in LeoVince X3 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 X3 SILENCERS

1. Make sure the silencer is at room temperature before beginning work, and remove the silencer from the motorcycle. The secondary header is usually welded to the silencer core.
2. First check that there is no mud or debris in the bolts at the front sump of the silencer. Then remove these bolts using the allen wrench provided (3mm wrench).



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. Using the cardboard tube with packing material, slide the tube over the perforated core/mesh. Be sure to push the packing material all the way to the front sump of the core.



5. Extract the tube from the packing, leaving the packing material behind, attached to the core. Push the packing material forward and under the front sump.



6. Trim off any packing that protrudes past the end of the perforated core (if necessary) 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.



7. Re-assemble the silencer by sliding the muffler sleeve over the core assembly and lining up the front band over the bolt holes, over-lapping the final two holes of each band and securing it with a bolt. To avoid the risk of any leakage or wear, we strongly recommend using the original LeoVince bolts.

