



PR2134

SILENCER PACKING MAINTENANCE AND REPLACEMENT

The Delkevic range of silencers utilize thermally and mechanically resistant Silencer Packing, but due to the nature and function of the silencer itself, over a period of time this packing will deteriorate, a repacking kit containing the Packing material, Stainless Steel rivets & high temperature silicon sealant is available directly from Delkevic

As with any silencer it is necessary to periodically check the integrity of the packing material, this can initially be achieved by simply listening to the exhaust tone, if the exhaust tone is uncharacteristically loud or metallic/hollow sounding, most likely the packing needs to be replaced.

The average lifespan of the packing material is dependent upon a number of factors e.g. the load applied, riding style of the user, engine size and configuration etc., 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 10k miles between repacks and 4 cylinders to go 15k or more.

If the packing material is found to have deteriorated, it should be replaced as besides the drop in engine performance, the deterioration also affects the heat insulation properties protecting the exterior sleeve of the silencer, if this is not done, there is a high risk of damaging the outer sleeve of the silencer, and also any body panels/fairings that are mounted in close proximity.

Instructions For Replacing Packing Material

Before commencing work ensure that the work area is clean & that good working practices and any P.P.E. requirements i.e. gloves & goggles are used.

1. Ensure the silencer is at room temperature before removing the silencer from the exhaust system.
2. To aid re-assembly draw a continuous line using a non permanent marker, from the silencer sleeve over the riveted band & onto the front end cap of the silencer (Fig 1)
3. Using a 5mm drill bit (preferably cobalt or titanium coated) drill the rivets out of the front end cap only & remove the rivet band (Fig 2)
4. Slide the silencer sleeve and rear end cap off as one piece and remove the old packing Material wrapped around the silencer core, do not to remove the steel wire mesh from around the silencers core as this will be re-used. (Fig 3)
5. Cut your packing material roughly to the same length as the silencer core (Fig 4)
6. Proceed to wrap the first layer of packing material around the muffler core (perforated Metal tube.) In order to achieve the correct balance between packing life and noise level it is essential to not put too much pressure on the packing material while wrapping it around the perforated core, it does not need to be excessively tight. (Fig 5)
7. Secure the end of the packing material using masking tape around the entire circumference of the assembly & trim off any packing that protrudes past the end of the perforated core (Fig 6)
8. Apply a seam of high temperature silicone (supplied) to the front end cap of the silencer. (Fig 7)
9. Re-assemble the silencer by sliding the muffler sleeve over the core assembly & align the two lines previously drawn.
10. Align the rivet band to the rivet holes & also with the temporary line previously drawn on the silencer sleeve. Fix the rivet band using the Stainless Steel rivets provided in the kit - Note the over-lapping of the final two holes of the band (Fig 8)

Fig 1



Fig 2



Fig 3



Fig 4



Fig 5



Fig 6



Fig 7



Fig 8

