

LAGUNA 16|32DS Drum Sander Issue

Dear Laguna customer,

Thank you for your purchase and we apologise that we have identified an issue in our sander drive couplings that fall below our usual high quality standards. This may cause them to fail under load and break prematurely.

We have sent you two replacement couplings that will remedy this and this guide is to help you replace them. We apologise again for this inconvenience, but this should hopefully be less than a 40 minute fix.

If you have any issues at all with refitting, please feel to contact me on nick@lagunatools.uk or 07388 347 789. Best regards, Nick Brown. Laguna Tools UK.

- 1) Source two pieces of timber approx 2" high
- 2) Raise sander drum to its maximum height.
- 3) With a 12mm socket unscrew and remove the two lower bolts that hold the drum to the main body. (lower left hand bolt shown with the arrow)
- 4) Bring the drum sander head back down to rest on the two pieces of timber. Then undo the two top bolts holding the drum to the main body – these are circled in picture 1. Also raise the height scale held on the top right bolt and tape it up out of the way.
- 5) Now pull the drum sander head away from the motor and rest it on the timber. The couplings will disengage. Keep the rubber 'spider' safe.
- 6) Remove both couplings using an allen key to undo the two grub screws found on each coupling that secures it to the shaft. You may need to gently pry them off using a lever as they can be tightly fitted. Keep the drift keys safe that fit into the shafts.

- 7) Refit the new motor coupling first. Re-install the drift key and push the coupling onto the shaft so that the end of the shaft sits flush with the coupling interior. See pic 3. Then re-tighten both grub screws. (Note; you do not need to loosen or back off the grub screws on the new couplings before fitting to the shaft)



Picture 1



Picture 2 : The motor coupling and rubber 'spider'



Picture 3 : The refitted motor coupling sitting flush to end of shaft with the drift key in place.

8) Re-fit the rubber 'spider' onto the new fixed motor coupling as tight as you can and then push the second replacement coupling over the rubber spider. You now have the two couplings together with the spider in-between.

9) Ensure the drift key is fitted to the drum shaft, and keeping the drum on the timbers to ensure the right height, line up drift key slots and push the drum shaft into the rear of the second coupling. See pic 4

10) Once the drum shaft and drift key are in, refit and tighten the two top silver retaining 12mm bolts to the main body. Don't forget to put the wixy scale bracket back in place too – this fits under the top right bolt and washer.

11) This will have now pulled the drum shaft tighter into the coupling and the drum coupling can now be re-tightened using the two grub screws. See pic 5 as to how to apply some pressure on the coupling assembly before tightening to ensure a tight fit.

12) Raise the drum head and refit the two lower bolts.



Picture 4 : Drum shaft before re-inserting into drum coupling.



Picture 5 : Add a bit of leverage to push the couplings together before tightening up the two grub screws on the drum coupling.

Your refit is now complete, and we apologise again for any inconvenience caused – this is very unusual for Laguna to have a quality issue like this. We hope you have years of accurate and productive sanding and thank you again for choosing Laguna.

Best regards,

Nick.