



VACGEN

Assembly Guide

Transax Z Slide Safety Nut Replacement

AS0016

VGS03-02T16



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DISCLAIMER

This Assembly Guide should be used in conjunction with the owner's manual where available, and is intended as a guide only as there may be variations between versions and therefore must be used at the Owner's Risk. For more detailed assistance, please contact our Support desk +44 (0) 1323 379 335 or support@vacgen.com.

HEALTH AND SAFETY

All repairs and services should be carried out by a qualified engineer, using the correct tools and procedures to carry out the repair. VACGEN are not liable for any errors within the assembly guides which may cause inconsistencies during repair.

The Goods, especially chemicals, may be dangerous if not properly used or stored and the appropriate precautions taken. The Customer accordingly agrees that it shall take all such steps as are reasonably practicable or usual to eliminate or reduce any risk to health and/or safety to which use of the Goods may give rise and acknowledges that where the Goods are manufactured to a design supplied by the Customer, the Company will not undertake any research as to the risks to health and/or safety which may arise from use or storage of the Goods. Where the Goods are manufactured to a design supplied by the Customer, the Customer shall comply with all the duties which may be implied at law on a designer and/or manufacturer of the Goods.

Revision	Date	Comment	Initials
1			
2			
3			

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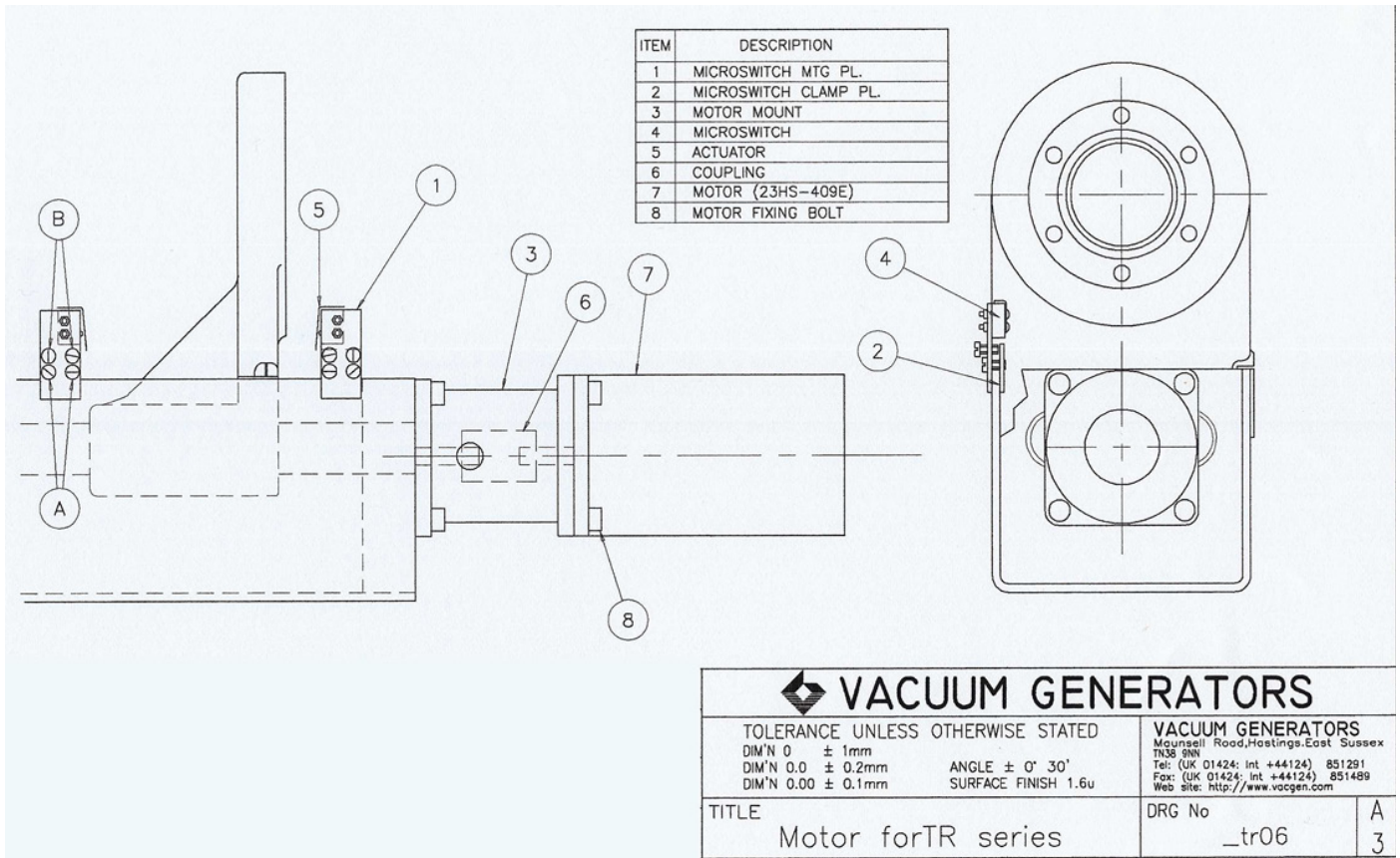
Replacement "Z" Safety Nut for Transax

NOTE: This can be done while under vacuum, but the bellows will need supporting with a pillar between the bellows top flange and the "Z" slide. This would be fitted between the underside of the "Z" Knee to the lower "Z" support bracket.

GREAT CARE MUST BE TAKEN, as the bellows assembly will collapse causing injury and damage if this support was to fail.

NOTE: Normally the "Z" is driven by a hand wheel or motor on the top of the "Z" slide, however if this has the secondary worm wheel drive at the bottom of the slide, this will need to be removed first.

1. Drive the "Z" to a point where the hole in the back of the "Z" slide spine, aligns with the grub screw that holds the safety nut in place.
2. Support at this point if under vacuum.
3. Remove the grub screw so the safety nut is free
4. Remove the two grub screws (19) from the top plate, these locate the top plate to the support shafts.
5. Remove the 4 hex head screws holding the top plate to the spine.
6. Turn the drive knob anticlockwise to drive the Safety Nut out of the Drive Screw.
7. Note: The top plate will now lift out of the spine as you turn the hand wheel. This plate may be stuck owing to baking and may need the top plate tapping with a soft small mallet.
8. Fully clean off the old lubricant
9. Try the new nut on the drive screw before fitting.
10. Fit the new nut into its location and locate the flat on the new nut and re fit grub screw.
11. Lubricate shaft with CarboFlo
12. Refit the drive screw, noting there is approx. a 4mm gap between the main nut and the smaller secondary nut.
13. Assemble in reverse order.



VACUUM GENERATORS

TOLERANCE UNLESS OTHERWISE STATED
 DIM'N 0 ± 1mm
 DIM'N 0.0 ± 0.2mm
 DIM'N 0.00 ± 0.1mm

ANGLE ± 0° 30'
 SURFACE FINISH 1.6u

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TITLE	DRG No	A
Motor forTR series	_tr06	3

