



VACGEN

# Assembly Guide

## RD2 Azimuthal Barrel Change

### AS0044

#### VGS03-02T44



Copyright Notice 2002 by VACGEN. All rights reserved. Information contained in this handbook is subject to change without notice and does not represent a commitment on the part of VACGEN. No part of this document may be copied or distributed, transmitted, transcribed, stored in a retrieval system or translated into any human or computer language, in any form or by any means, electronic, mechanical, magnetic, optical, manual or otherwise or disclosed to third parties without the express written permission of VACGEN LTD, Unit A, Swallow Business Park, Diamond Drive, Lower Dicker, Hailsham, East Sussex, BN27 4EL, UK.

Helping you make the next leap forward

[www.vacgen.com](http://www.vacgen.com)



## 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			

Unit A, Swallow Business Park  
Diamond Drive, Lower Dicker  
Hailsham, East Sussex  
BN27 4EL, UK



## RD2 Azimuthal Barrel Change

There are two versions of the azimuthal set up

1. Remove azimuthal index knob (12)
2. Remove cover plate from top (20) of main rotation knob (3), held on by three screws (24).

### OLD VERSION

3. Remove the four grub screws holding the azimuthal barrel on (11), a shortened allen key is required to do this.
4. Pull off azimuthal assembly (11)

NEW VERSION Use new drawing numbers as reference

5. Wind azimuthal fully in, this stops the bellows twisting
6. Undo Retaining nut (1) and remove
7. Remove the four screws holding the azimuthal barrel on (8), a shortened allen key is required to do this.
8. Pull off azimuthal assembly

### BOTH VERSIONS

9. Clean the st/steel thread and lubricate with a good quality high temperature lubricant.
10. Before fitting, try the new barrel and the st/steel thread together and check the travel is smooth.
11. Refit in reverse.

