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USER MANUAL

#21 Zeiss Axiovert Type Microscope Mount Set

14-0010
Version 2.00
2013

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Version 2.00

2013

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Warranty

LIMITED PRODUCT WARRANTY: All Products manufactured by VINCENT ASSOCIATES® (MANUFACTURER) are warranted to meet published specifications and to be free of defects in materials and workmanship as defined in the specifications for 365 days - one year - (WARRANTY PERIOD) from the date of original shipment of the product. DSS series shutters are additionally warranted to achieve two million cycles within the WARRANTY PERIOD (as defined in the CYCLE WARRANTY CRITERION). MANUFACTURER will, at its own option within the WARRANTY PERIOD, repair or replace without charge any listed item discovered to be defective excepting transportation charges. Burned out or otherwise damaged actuator coils are not covered under this warranty. Any defective product returned to the MANUFACTURER must follow the RETURN MATERIAL AUTHORIZATION PROCEDURE as defined below. This warranty does not extend to cover damage resulting from alteration, misuse, negligence, abuse, normal wear and tear, or accident. The MANUFACTURER will consider the return of unused equipment if returned within 30 days from the original date of shipment, subject to a 20% restocking charge. This offer does not apply to used or damaged equipment. This warranty extends only to the original purchase and is not available to any third party, including any purchaser assemblies or other Products of which the goods may become component equipment.

CYCLE WARRANTY CRITERION: One "cycle" is considered one open and one closure of the shutter. DSS Shutter must be operated with the ED12DSS driver or equivalent H-Bridge type shutter driver circuit at +10.7VDC across the actuator coil for the specified duration. DSS Shutter must be operated within the defined environmental, electrical and mechanical specifications as listed on the device's data sheet. After one year (WARRANTY PERIOD), the cycle warranty is null and void. If returned, the device must be accompanied by a written statement indicating the approximate number of cycles contained on the device, include all parameters to which the shutter was operated and follow the RETURN MATERIAL AUTHORIZATION PROCEDURE as defined below.

RETURN MATERIAL AUTHORIZATION PROCEDURE: MANUFACTURER will only accept returned Products from customers that have obtained an RMA (Return Material Authorization) number from the MANUFACTURER. The customer must also include an itemized statement of defect(s). The Product will then be evaluated per the MANUFACTURER'S standard repair guidelines. Any Product which has been returned to the MANUFACTURER but which is found to meet the applicable specifications and not defective in materials and workmanship shall be subject to the MANUFACTURER's standard evaluation charge. The MANUFACTURER assumes no liability for customer returned material.

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Introduction

The #21 mount set adapts specific shutter housing types to a Zeiss type microscope configured with the Zeiss type Axiovert Ring Dovetail Mounts. No modification to the microscope should be necessary. A filter area is also provided to allow the user to install an optical filter between the light source and the shutter housing.

Assembly Procedure

Mount Assembly

Unpack the Mount Set

As you remove the packing material from the box, check for small items that may be attached to the packing material. Make sure the following parts were included in the box:
(see parts list table and Figure 1)

#21 MOUNT SET PARTS LIST			
ITEM	**PART NAME**	**QUANTITY**	**PART NUMBER**
1	LS/VS14/VS25/VS35	1	N/A
2	#21 REAR MOUNT SUB-ASSEMBLY	1	9012-0564
3	#21 FRONT MOUNT ADAPTER	1	9003-0225
4	#21 FRONT ADAPTER SPACER	1	9003-0224
5	FLAT HEAD SCREW (2-56x5/16”)	3	20-0104
6	SET SCREW (6-32x3/8”)	3	20-0155

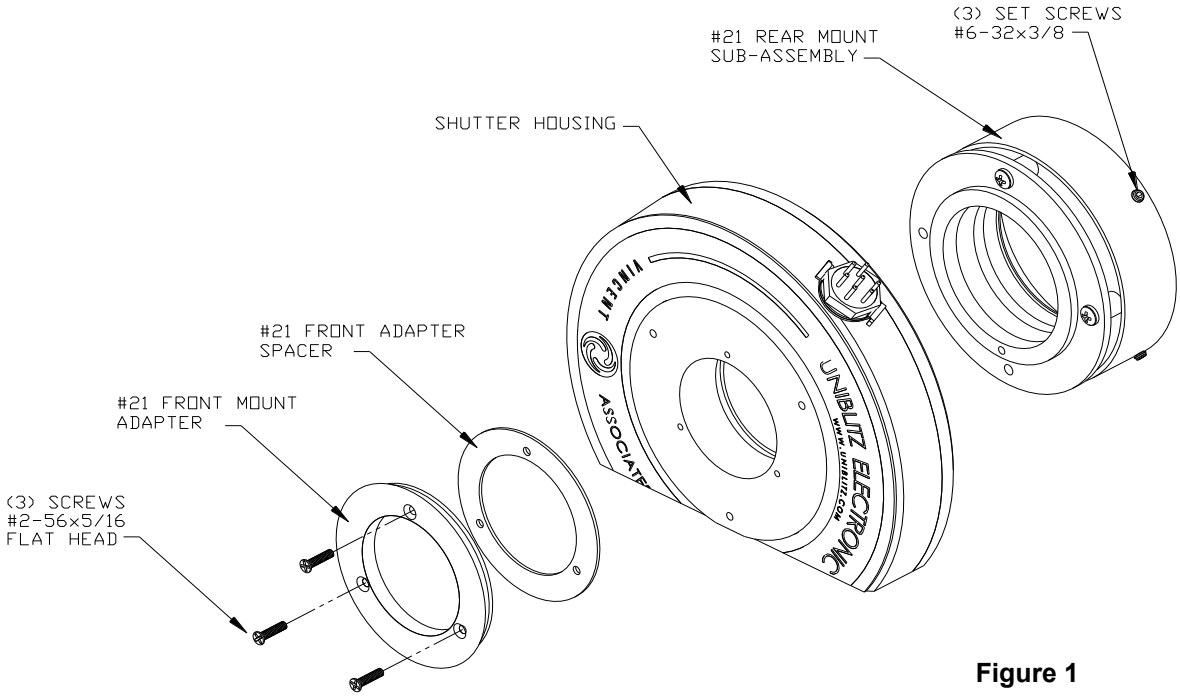


Figure 1

INSTALLATION STEPS:

Step One:

Using (3) 2-56 flat head screws attach #21 front mount and front spacer* to the front of the shutter housing.

(see Figure 2) *Front spacer may be omitted for attachment to transmitted halogen lamp-housing.

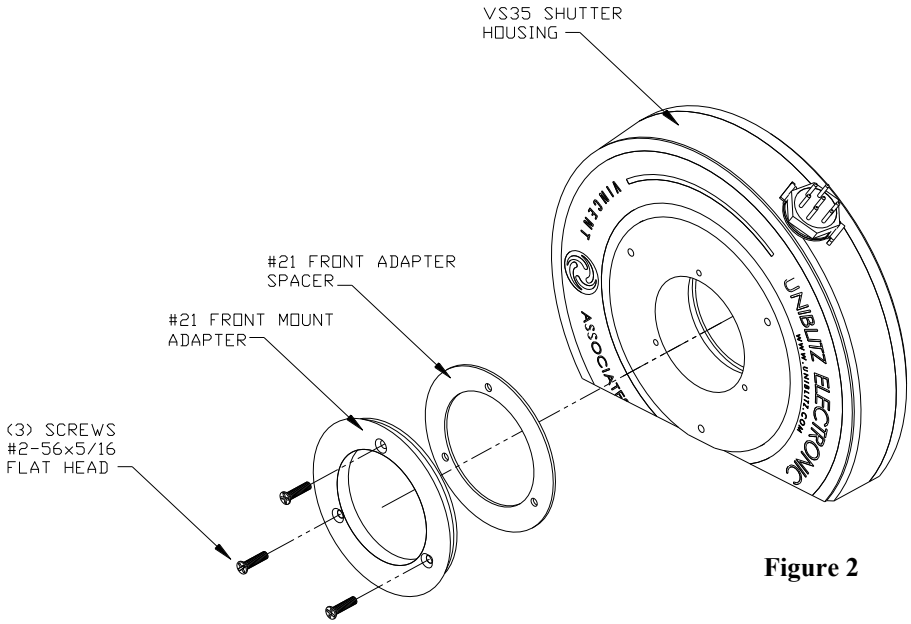


Figure 2

Step Two:

Screw the rear mount sub-assembly to the back of the shutter housing, tighten securely.

(see Figure 3)

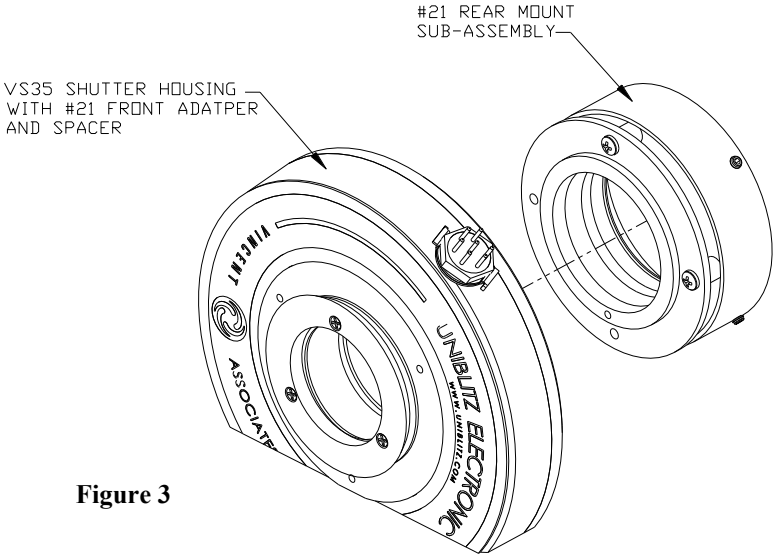


Figure 3

Step Three:

#21 mount final installation as shown.

(see Figure 4)

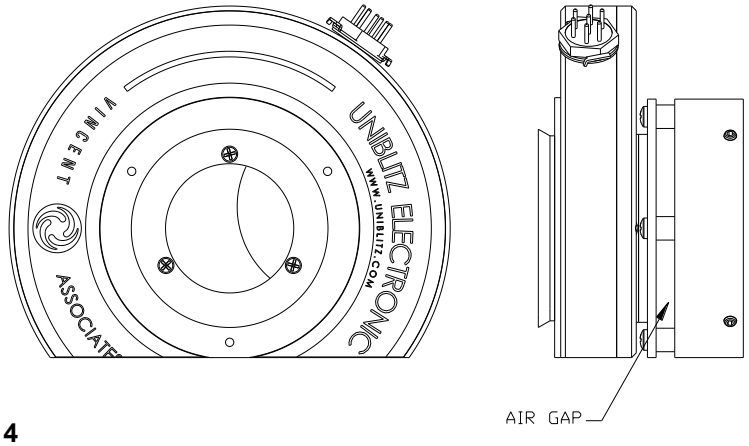
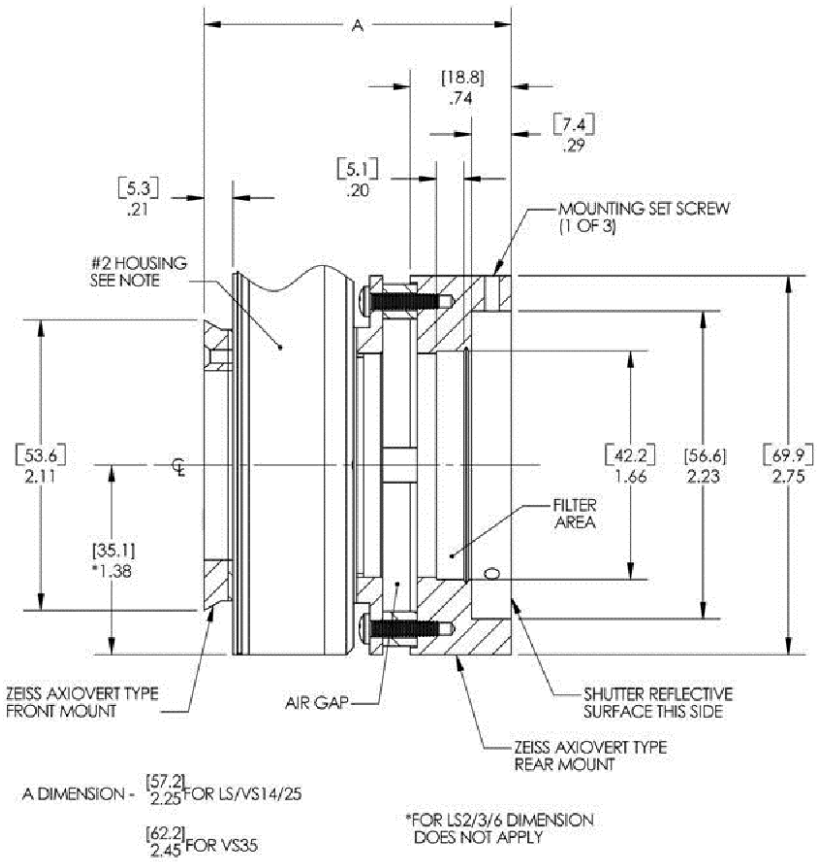


Figure 4

Specifications



ALL DIMENSIONS MAX

[mm]

INCH

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