



Installation Manual

for

Dzus Adapter

RA6000-P-(x)

RA6010-P-(x)

Document P/N RKD6000-2

Revision NC

June 1, 2003

List of Revisions

Revision	Date	Description	Pages
NC	06/01/03	Original Disposition	All

Introduction

Radorax Dzus® Adapters are designed to allow simple integration of dzus mount avionics into a tray mount avionics stack. The RA6000-P-(x) series adapters are designed with a rigid interface for mounting to Radorax support struts. The RA6010-P-(x) series adapters are designed for installation into an avionics stack using other than a Radorax Tray Mount installation kit.

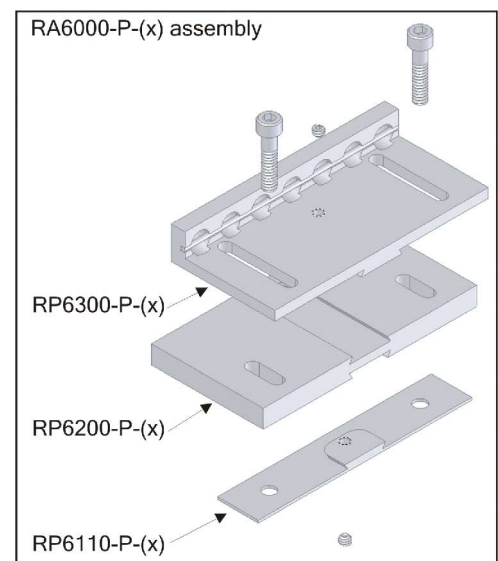
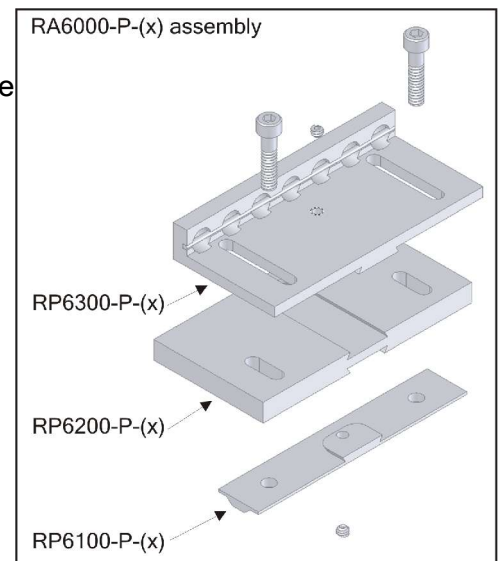
Document #	Description	Used With: Dzus Adapter, All
RKD6000-1	Packing List, Certificate of Conformance	X
RKD6000-2	Installation Manual	X
RKD6000-3	Parts Manual	X
RKD6000-4	Instructions for Continued Airworthiness	X
SA01330LA	STC Front Sheet	X

General Notes

- A. Tag all parts, including attaching hardware (unless otherwise noted), removed to gain access to work areas. Protect all parts from damage during the installation process.
- B. When reinstalling ground wires, or components requiring grounding, clean the structure surface to provide good electrical contact.

Dzus Adapter Sizing Chart

Dash #	Length in Inches
-1	1.125
-2	1.500
-3	1.875
-4	2.250
-5	2.625
-6	3.000
-7	3.375
-8	3.750
-9	4.125
-10	4.500
-11	4.875
-12	5.250
-13	5.625
-14	6.000
-15	6.375
-16	6.750



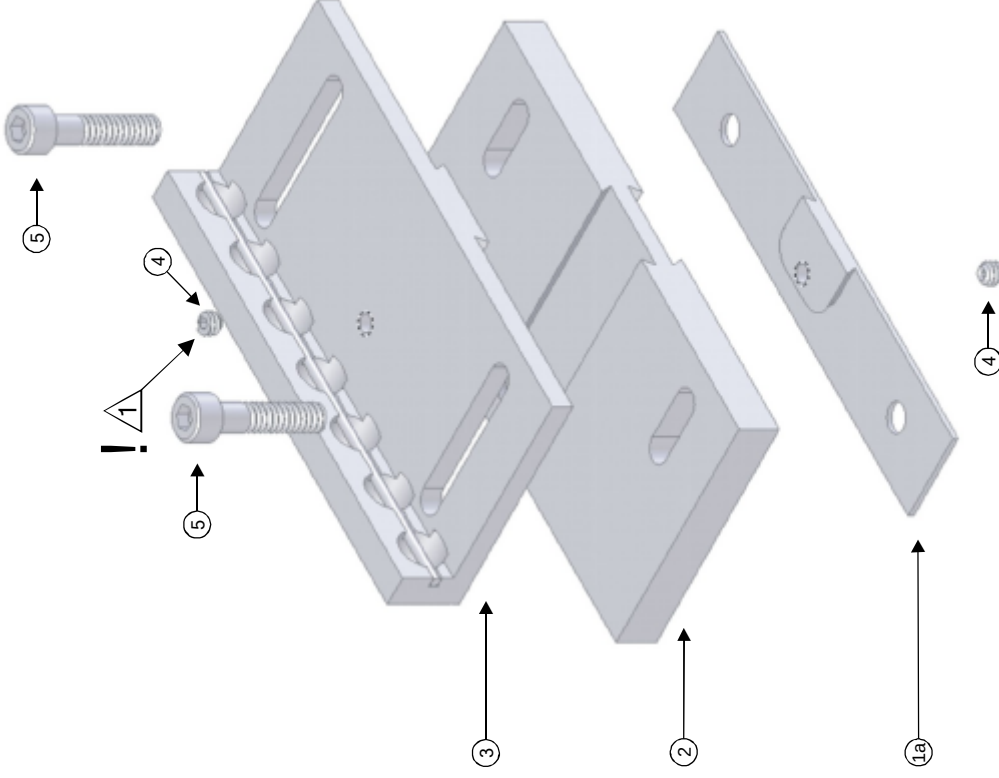
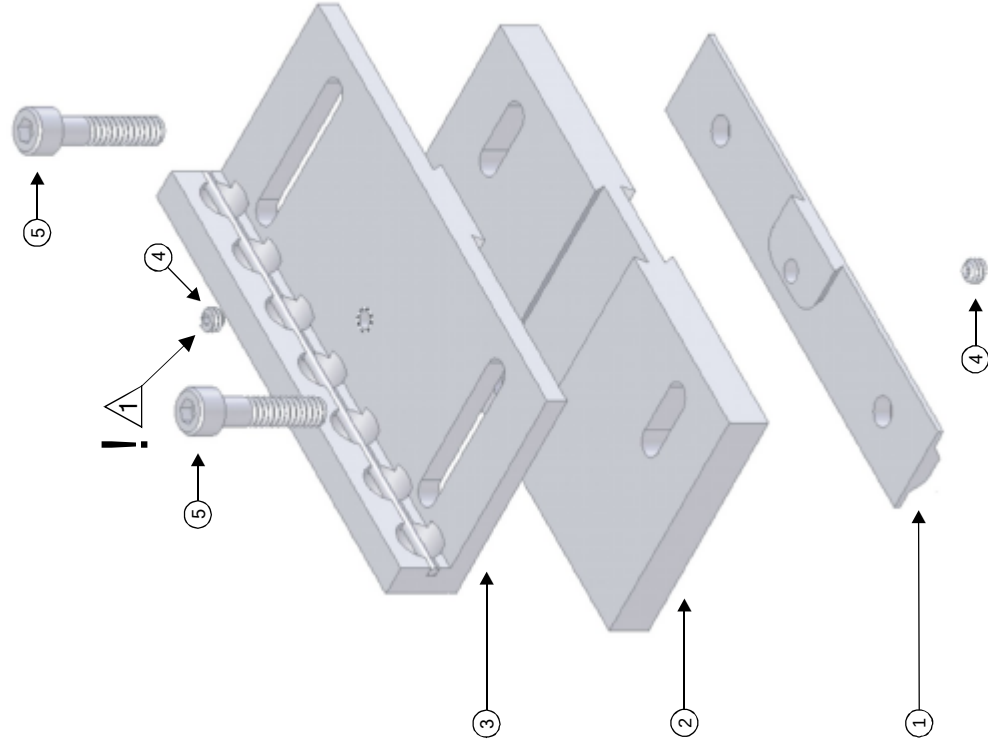
Assembly and Installation of the Radorax Dzus Adapter

- 1.0 Loosen the two #4-40 set screws (RKD6000-3 item #4) in each adapter to allow the assembly components to slide.
- 1.1 Attach the avionics unit to one of the Dzus Adapters and slide p/n RP6200-P-(x) to flush with face of the avionics unit.
- 1.2 Remove the unit and tighten the set screw to lock this dimension. Match LH and RH assemblies.
- 1.3 Position one of the Dzus Adapters in the avionics stack and slide p/n RP6100-P-(x) or p/n RP6110-P-(x) to align the Adapter filler flush with the face of the adjacent avionics face.
- 1.4 Tighten the #4-40 set screw to lock this dimension. Match LH and RH assemblies.
- 1.5 Position the LH and RH Dzus Adapter assemblies in the avionics stack and attach with the included cap screws (RKD6000-3 item # 5).
- 1.6 Install the Dzus-mount avionic to the Radorax Dzus Adapter.

Paperwork

- 2.1 Complete the included FAA form 337 and place in the aircraft records. Mail a duplicate your local FSDO within 48 hours.
- 2.2 Complete all applicable log book entries.
- 2.3 Place the Instructions for Continued Airworthiness (RKD6000-4) insert in the aircraft records

Please visit www.radorax.com for more information, including kit documents.



1 When tightening the #4-40 set screws (item 4), be aware that they are used only to temporarily position the assembly components during installation to the aircraft's avionics stack. The #6-32 Cap Screws (5) bear the structural load and provide the final locking of the components. **OVER TIGHTENING OF THE SET SCREWS MAY DAMAGE ASSEMBLY COMPONENTS!**

4	RP6410-P	#6-32 STRUCTURAL CAP SCREW	Steel	-	5
4	RP6400-P	#4-40 SET SCREW	Steel	-	4
2	RP6300-P-(x)	DZUS RAIL	6061-T6	(-X) determines length	3
2	RP6200-P-(x)	SPACER	6061-T6	(-X) determines length	2
2	RP6110-P-(x)	NON-RADIORAX INTERFACE	6061-T6	(-X) determines length	1a
2	RP6100-P-(x)	RADIORAX INTERFACE	6061-T6	(-X) determines length	1
QTY.	PART NO.	DESCRIPTION	MATERIAL	SIZE/SPECIFICATION	ITEM NO.
N/A		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	Radiorax Aviation Systems www.radiorax.com		
		DECIMALS ANGLES	DATE	FILE	DWG CODE
		.XX = .01 .XXX = .005	APPROVALS	10/06/03	RADIORAX RA6000-P-(X), RA6010-P-(X) DZUS ADAPTER
		MATERIAL	DRAWN M. J. Landes	CHECKED V. D. L'Esperance	-
NEXT ASSY	USED ON	FINISH	ENGINEER M. J. Landes	DATE 10/06/03	REV NC
APPLICATION		DO NOT SCALE ON DRAWING	APPROVED V. D. L'Esperance	SCALE NC	FILE RKD6000-3revNC.cdr
					SHEET 1 of 1

Revisions		
REV	DESCRIPTION	DATE