

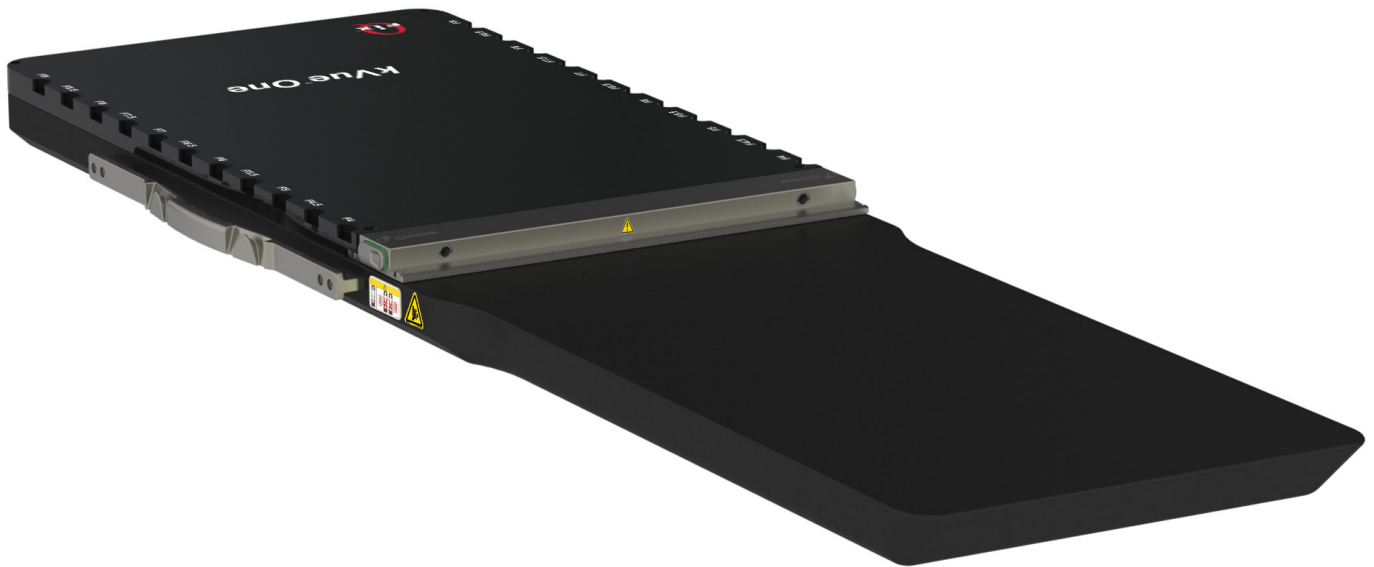


positioning
patients for life.®


INSTALLATION MANUAL

RT-4551KV-01

kVue™ One Couch Top





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TrueBeam is a trademark of Varian Medical Systems.

TABLE OF CONTENTS

GENERAL PRECAUTIONS..... 4

INSTALLATION MANUAL 5

 VARIAN PITCH & ROLL SYSTEM 5

 VARIAN TRUEBEAM™ INTERFACE PLATE 7

GENERAL PRECAUTIONS

WARNING STATEMENTS

! WARNING ! NO MODIFICATION OF THIS EQUIPMENT IS ALLOWED. IF ANY PART OF THIS DEVICE EXPERIENCES A CATASTROPHIC LOAD, APPEARS DAMAGED OR FUNCTIONS IMPROPERLY, DISCONTINUE USE IMMEDIATELY AND CONTACT QFIX AT +1 484-720-6054 OR TECHSUPPORT@QFIX.COM.

WARNING LABELS & DESCRIPTIONS

Refer to Qfix.com for a listing of symbols and their definitions.

INSTALLATION MANUAL

VARIAN PITCH & ROLL SYSTEM

PARTS PROVIDED



(8) M8-1.25 x 30mm SHCS Black Oxide

TOOLS REQUIRED (not provided):

6 mm Allen Wrench
Torque Drive
6" Calipers
Tape Measure
Level

INSTALLATION

VARIAN PITCH & ROLL SYSTEM

1. Remove any existing couch top from the Pitch and Roll couch base.

! NOTE ! Consult manufacturer's installation manual for removal instructions.

2. Remove front pin so there are only 2 pins on couch base (Fig. 1). Lower the PRS bellows and pitch the PRS forwards to improve access to the rear couch top fastener locations.
3. Place the kVue onto the Pitch and Roll couch base by aligning the 2 dowel pins on the couch base with the hole and slot on the bottom of the kVue One couch top.

! NOTE ! The kVue weighs approximately 45 lbs (20.4 kg). At least 2 people should be involved in lifting of kVue. Use side rails to carry.

4. Install (4) M8-1.25 x 30 mm screws into the kVue One couch top through the underside of the PRS top plate in the rear. Level the PRS and install (4) M8-1.25 x30 mm screws into the kVue One couch top through the underside of the PRS top plate in the front. Torque the 8 screws to 20–30 ft-lbs (34–40 N-m) (Fig. 2).

5. The couch top should now look like Figure 3.
6. Insert the desired kVue Insert as instructed in the User's Manual.

! NOTE ! Be sure to zero the couch for calibration if replacing an existing top.

7. Place native language 2" x 4" CAUTION label onto the back of the kVue to the right of current CAUTION label where appropriate (Fig. 4).



Fig. 1

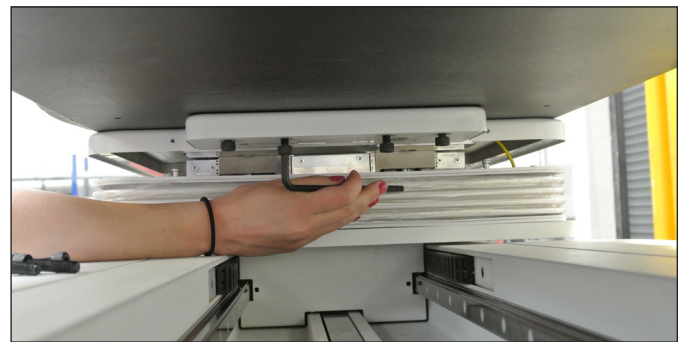


Fig. 2

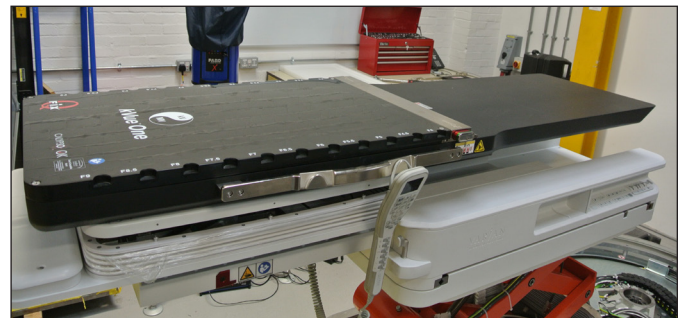


Fig. 3

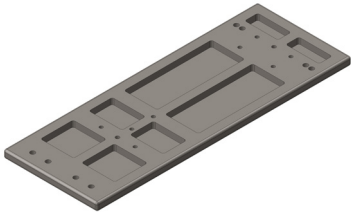


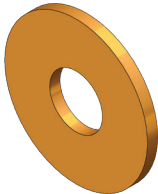


Fig. 4

INSTALLATION MANUAL

VARIAN TRUEBEAM™ INTERFACE PLATE

PARTS PROVIDED

 <p>(1) Varian TrueBeam Interface Plate</p>	TOOLS REQUIRED (not provided): PZ1 Screwdriver 3 mm Allen Wrench 6 mm Allen Wrench 8 mm Allen Wrench 6" Calipers Tape Measure Level
 <p>(8) M8-1.25 x 30 SHCS Black Oxide</p>	
 <p>(4) M10-1.5 x 50 mm SHCS Black Oxide</p>	
 <p>(8) Laminated Shim</p>	

INSTALLATION

VARIAN TRUEBEAM™ INTERFACE PLATE

1. Remove existing couptop from TrueBeam™ pedestal.

! NOTE ! Consult with manufacturer's installation manual for removal instructions.

2. Float the longitudinal carriages fully back (away from the gantry). The Varian TrueBeam pedestal should now look like Fig. 5
3. Position the Interface Plate onto the inner longitudinal carriage, with the two couch top alignment pins facing upwards, and the larger diamond pin towards the front of the couch (gantry end).
4. Align the four inner carriage fastener holes identified in Figure 5, with the four interface plate fastener holes identified in Figure 6 (highlighted red, either side of each alignment pin) (Fig. 6).
5. Loosely attach the Interface Plate to the Varian TrueBeam pedestal with the (4) M10 x 50 screws using a 8 mm Allen wrench.
6. With the Interface Plate loosely in place, align it so that it is parallel to the baseframe.
7. To determine if the Interface Plate is parallel to the baseframe, measure the distance from the far edge of the Interface Plate to the edge of the baseframe.
8. Then measure the distance from the near edge of the Interface Plate to the edge of the baseframe.
9. With the Interface Plate parallel to Varian TrueBeam baseframe, torque the 4 SHCS to 35–40 ft-lbs (47–54 N-m).
10. Place the level on the Interface Plate. As before, check for levelness in multiple locations. Shims may be required to level the Interface Plate.

! NOTE ! If the Interface Plate is not level, check to make sure there is not any debris trapped between the Interface Plate and the baseframe.



Fig. 5



Fig. 6

INSTALLATION

VARIAN TRUEBEAM™ INTERFACE PLATE

11. Energy chains must be temporarily removed from the rear of the inner carriage using a PZ1 screwdriver and a 3 mm Allen wrench in order to install 2 inner screws in rear (Fig. 7a, 7b, & 8).
12. Place the kVue on to the TrueBeam Interface plate by aligning the (2) dowel pins on the interface plate with the hole and slot on the bottom of the kVue one couchtop.
- ! NOTE ! The kVue weighs approximately 45 lbs (20.4 kg). At least 2 people should be involved in lifting of kVue. Use side rails to carry.**
13. Secure kVue to the Interface Plate using (8) M8-1.25 x 30 mm screws provided. Torque the 8 screws to 20–30 ft-lbs (34–40 N-m) (Fig. 9 & 10).
14. Replace energy chains using a PZ1 screwdriver and a 3 mm Allen wrench.



Fig. 7a

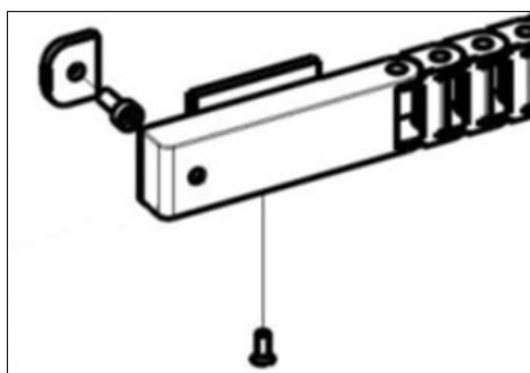


Fig. 7b



Fig. 8



Fig. 9



Fig. 10

INSTALLATION

VARIAN TRUEBEAM™ INTERFACE PLATE

15. Once the couch top is installed, check for levelness. If the couch top is not level, remove the frame and place the shims provided between the couch top and the Interface Plate or couch base. Repeat until level (Fig. 11).
 16. Insert the desired kVue Insert as instructed in the User's Manual.
 17. Check one last time for levelness.
- ! NOTE ! Be sure to zero the couch for calibration if replacing an existing top.**
18. Place native language 2" x 4" CAUTION label onto the back of the kVue to the right of current CAUTION label where appropriate (Fig. 12).

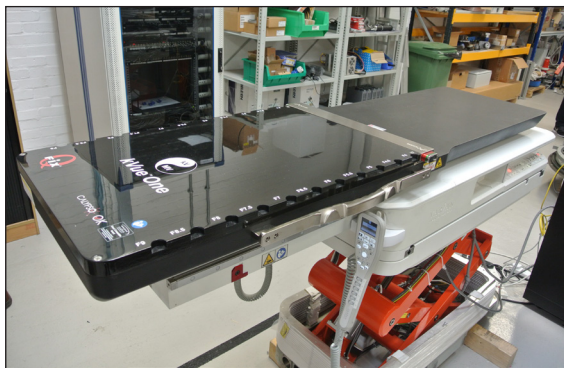


Fig. 11



Fig. 12



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