




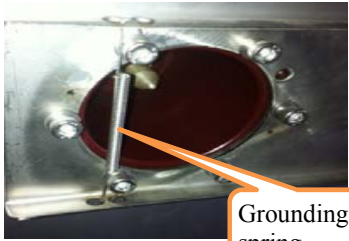







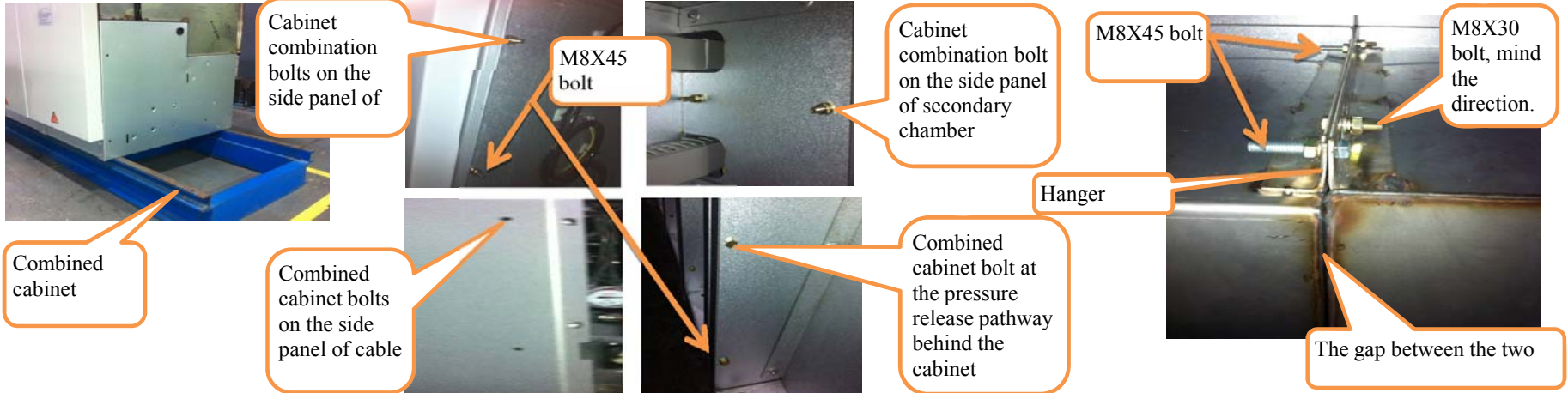


Page 1 of 2	Operation Instructions for Assembly			Draft: Lou Yuantong		
Model: RVAC	Chart No.:		Check: Wang Xu	Countersignature: Sun Kuanlai		
Designation: Coupler Installation Process Card	File No.:	5EKMI-Φ12	Countersignature: Li Fengjie	Approval: Zhang Paul	COOPER Edison (PDS) Power Systems Co.,Ltd	
#	Version/revision	V0.0				
10	 <p>Inner cone</p> <p>1. Use anhydrous alcohol to clean inner cone of two cabinets (combination required) and conductive rod.</p>	 <p>2. Once the inner cone surface is dried, uniformly spread insulating silicone grease on the surface of inner cone of two cabinets (combination is required; never</p>	 <p>Coupler</p> <p>3. Use anhydrous alcohol to clean the external surface of coupler.</p>	 <p>Inner cone fitting surface</p> <p>4. Once the external surface of coupler is dried, uniformly spread insulating silicone grease on the surface of inner cone of the coupler; never</p>		
	 <p>Grounding spring</p> <p>5. Use needle-nose pliers insert the grounding spring into mounting hole for the inner cone reinforcing plate, and install three-phase grounding spring A, B and C in turn.</p>	 <p>6. Insert one end of the coupler with silicone grease into the inner cone; be sure to install the coupler to the bottom (the white part is fully inserted into the inner cone); make sure that the grounding spring is tightly pressed against the black semi-conductive layer.</p>	 <p>7. Insert coupler into the inner cone according to previous step.</p>	 <p>8. Use anhydrous alcohol to clean another mounting end of the coupler, and let it to dry before spreading silicone</p>		
Working hours:	30min	Testing point: 	Technical point: 	Safety: 	Tools/fixtures: Needle-nose pliers and 13# wrench	Consumables: Anhydrous alcohol paper 2603393A03 silicone grease

Page2 of 2	Operation Instructions for Assembly			Draft: Check	Lou Yuantong Wang Xu	 <small>Powering Business Worldwide</small>
Model:	RVAC	Chart No.:		Countersignature:	Sun Kuanlai	
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20

9. Lift another cabinet to be combined to the Combined cabinet platform (the same smooth horizontal plane). measure the distance between inner cone center of the two cabinets and cabinet base plate before combination to control it at 1254±2mm; adjust the cabinet height to control this distance within aforesaid scope in case of excessive deviation. Once the distance up to the specified requirements, adjust the cabinet position vertically for alignment.

10. Stand on the side of the cabinet, manually shift the cabinet without coupler to another one (position fixed) in a stable manner to facilitate alignment between inner cone and coupler. Penetrate two GB5783 M8X45 bolts (front and rear) into the combination hole on the hanger once the cabinet is shifted to the position where distance between two cabinets

11. Use pneumatic wrench (common one) to tighten bolts on the hanger; once the distance between hangers of two cabinets is up to 20mm, adjust the position of two cabinets; install 2 GB5783 M8X45 hexagonal bolts on the cable bin and side panel of pressure release pathway behind the cabinet, and tighten them until the space of side panel on the lower cabinet part is up to 20mm; in other words, upper and lower space between the two cabinets is equal. Install remaining 8 GB5783 M8X30 hexagonal bolts without tightening them.

12. Continue to tighten fixing bolts on the hanger until the space between two cabinets is up to 5-6mm; further check and adjust position of two cabinets to make sure that they are flush on the front surface and top of the gas tank. Tighten remaining bolts to make sure that upper and lower space between two cabinets is equal. Further proceed with inspection and adjustment to make sure that top of gas tank is flush with front surface, and then tighten fixing bolts on the hanger until the gap between two cabinet is below 3mm; finally, tighten combination bolts on the mechanism chamber, cable bin, secondary chamber and pressure release pathway

Working hours:	30min	Testing point 	Technical point: 	Safety: 	Tools/fixtures: Needle-nose pliers and 13# wrench	Consumables:
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