

RDA-1 DOUBLE END BREAK DISCONNECT SWITCH

INSTALLATION REFERENCE GUIDE

contact the Southern States Service Division (available 24/7) at 770-946-4565.

This guide is intended to be used as a recommended sequence of work steps but does not

supersede the instruction manual (IB-111-RDA RDA-1) or assembly drawings. For assistance,

Scan for full instruction manual

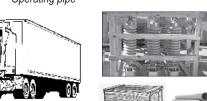
Publication No. QSG111-RDA-1 R4 09142023

REVIEW BILL OF LADING (BOL)

- A. Check the materials received against the packing list
- **B.** Report any shortages or damaged equipment to Southern States
- **C**. A typical shipment will include:

Note: All material is marked with JO number

- 3 phase switch (base, insulators, & live parts) - Operating mechanism box - Operating pipe



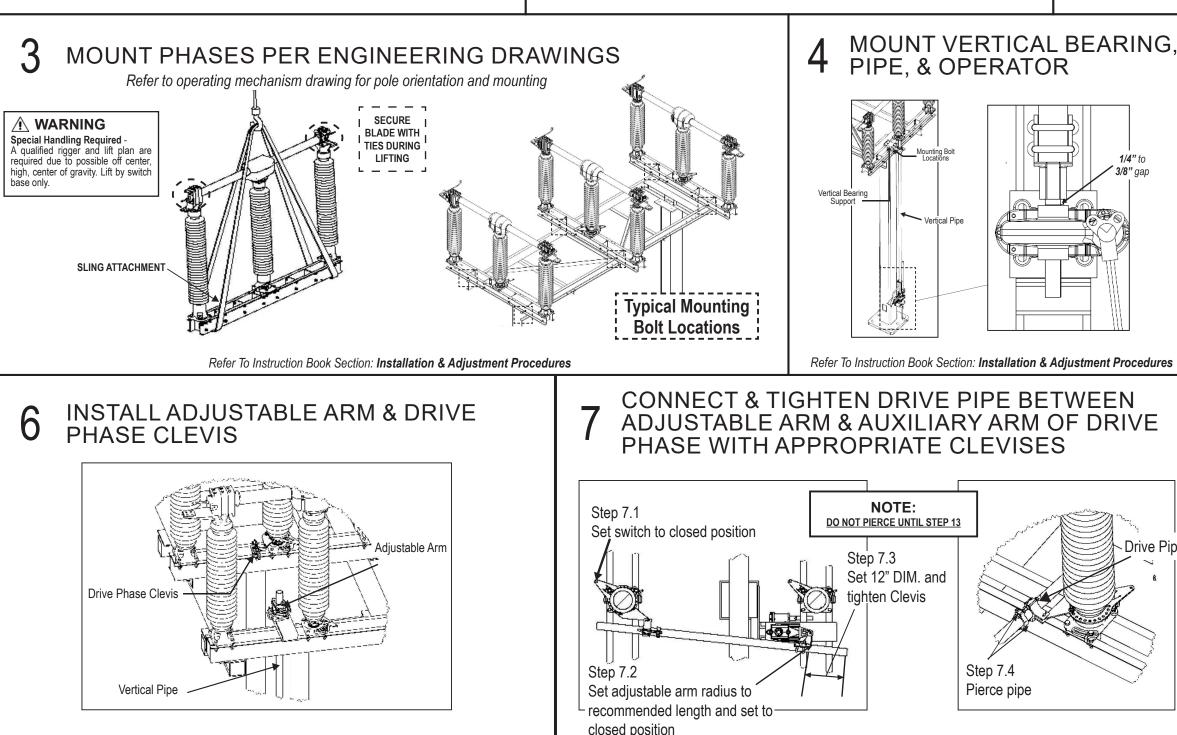
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TEM	DESCRIPTION	PCR ST		
123	JAW ASSEMBLY NAMEPLATE BEARING ASSEMBLY			
45 6	ADAPTER CORONA RING BRACKET- RIGHT ARCING HORN ASSENELY	B		
7 8 9	HINGE MECHANISM ASSY CORONA SHIELD HALF CORONA SHIELD ASSEMBLY	D C C		
10 11 12	CORONA RING BRACKET- LEFT STUD 3/4 X 7 (A325) 5/16 ST. STL. HEX NUT	B		
13 14 15	EEARNO ARN 5/16 X 1 1/2 ST. STL. HEX BOLT 3/8 X 1/2 ST. STL. HEX BOLT	P		

1/4" to

3/8" gap

Drive Pipe



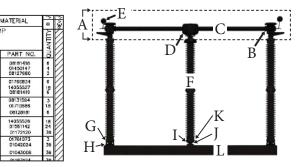
Refer To Instruction Book Section: Installation & Adjustment Procedures

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REVIEW BILL OF MATERIAL (BOM)

ntory all parts against the BOM found on the op-mech sheet inside drawing package

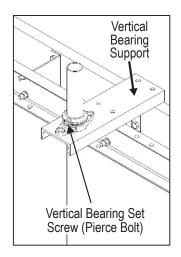
ort any missing or damaged parts to Southern States



TERMINOLOGY OVERVIEW

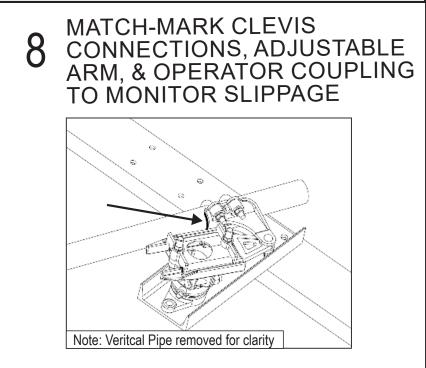
- A: Live Parts
- B: Switch Jaw[s] C: Switch Blade
- D: Hinge Mechanism
- E: Arcing Horns
- F: Rotating Insulator
- G: Mounting Adapter[s]
- H: Jack Screw[s]
- I: Switch Arm J: Bearing Stop[s]
- K: Auxiliary Arm Mounting
- L: Switch Base

PIERCE VERTICAL BEARING 5 SET-SCREW COMPLETELY



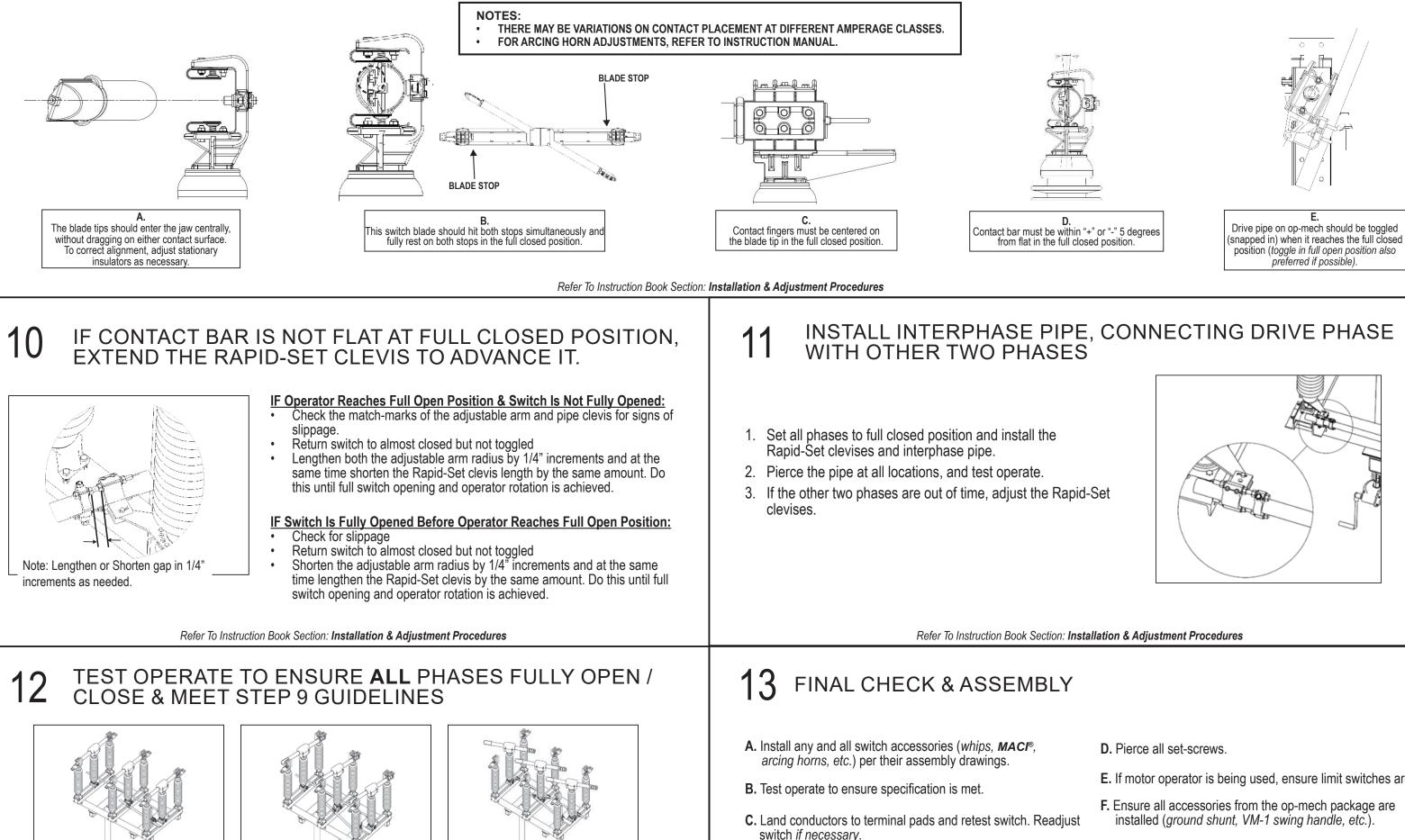
NOTE: Ensure the full weight of the vertical pipe is supported by the vertical bearing and maintain the gap required between the coupling and gear operator. Then pierce collar. Also, confirm auxiliary arm assembly is correctly mounted per the operating mechanism drawing.

Refer To Instruction Book Section: Installation & Adjustment Procedures



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TEST-OPERATE THE DRIVE PHASE TO VERIFY ALL CRITERIA BELOW ARE MET.



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- E. If motor operator is being used, ensure limit switches are set.

Refer To Instruction Book Section: Installation & Adjustment Procedures