

## Southern States Disconnect Switch Shipment Overview

**NOTE:** The purpose of this document is to aid in the identification of parts and nomenclature upon receipt of a Southern States Switch product.



All group operated disconnect switch shipments shall include some or all of the following items: Switch phase(s), operating mechanism (op-mech), component box, switch accessory box or crate, operating pipe, and large pieces of loose steel.

The accessories box may contain: arcing horns, corona rings, corona balls, etc.

Each crate, container, box, or loose item will be marked with the Southern States JO #, and JO item #. The operating pipe bundle will additionally be identified with the operating mechanism drawing #.

**Example:**

606676-001      D-156169

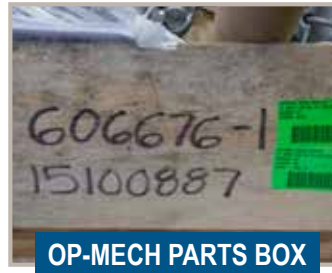
Job #      Item #      Op-Mech #

*A deviation from our standard marking procedures may be necessary for some individual orders*

**Items are typically packaged and labeled as follows:**



Each switch is packaged in a crate or on a skid. Each crate skid will be marked with SS JO #, Item #, and customer PO #.



This box is typically strapped to the switch bases inside the switch crate. The box may be shipped separately on a pallet with switches. Markings on the box show JO # - Item #, Loose Steel # and Loose Steel Qty. Example: 606676-1, 15100887 1pc.



Cardboard tube located within the operating mechanism box. It will contain position indicators for the switch, operating mechanism (op-mech) drawings, and documentation needed to assemble the product.



Each switch will typically have one bundle of pipe but may have more. For total pieces of pipe required, refer to the operating mechanism drawing. The pipe for each switch is marked with SS JO - Item # - Op-Mech #. Example: 606676-1-156169.



Loose steel will be inside switch crate or on top of switch crate. Large pieces will be included with the pipe bundles. Steel will be marked with Part #, JO #, op-mech #, Description, & Sub-Item #. Note, the sub-item # & description will concur with what is shown on the op-mech drawing. Example: 15114684 JO#: 606676 156169 Tube Miscellaneous Sub-Item: 28



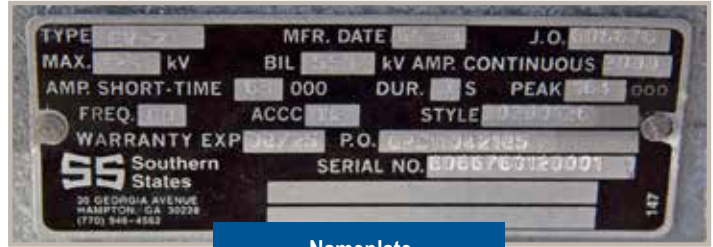
Items such as arcing horns, corona shields, counterweights, etc. (if required), will be located in a box separate from the op-mech. Corona rings will be packaged in wooden crates separate from switch. All items are identified on "non-mounted parts label" along with JO #, Item #, and Switch #.

**APPLICATION GUIDE**

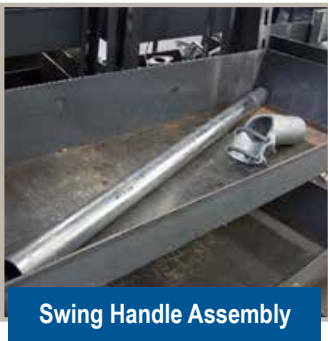
COMMON OPERATING MECHANISM PARTS



Operating Mechanism Shipping Crate



Nameplate



Swing Handle Assembly



De-coupler



HOGO Manual Gear Operator (Standard)



SEGO Manual Gear Operator



Control Coupling Assembly (HOGO & SEGO)



Swing Handle Operator



Ground Shunt



Position Indicator



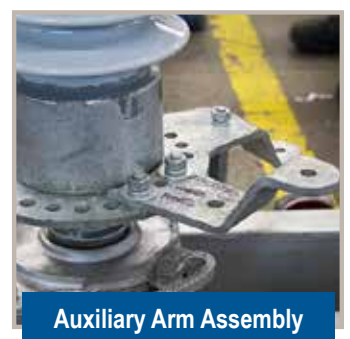
Vertical Bearing (Standard)



Vertical Bearing



Adjustable Arm Assembly



Auxiliary Arm Assembly



**APPLICATION GUIDE**

COMMON OPERATING MECHANISM PARTS



**Long Clevis** (*Narrow Boss*)



**Standard Clevises** (*Wide Boss*)



**Vertical Bearing Support**



**Mounting Angle** (*Clip Angle*)



**Pipe Coupling Assembly**



**Adjustable Threaded Clevises**



**Pipe Guide**



**Mechanical Interlock**  
(for use with main/ground)



**Crank Arm**



**Spacers**



**Operating Arm for AVS-1  
Auxiliary Switch**



**Arcing Horns**



**Mounting Hardware**



**SF Hardware**

**APPLICATION GUIDE**

**SAMPLE DRAWING**

The drawing shows a detailed view of the operating mechanism for a group-operated switch. It includes a main assembly view at the top and several detail views below. A Bill of Materials table is located in the upper right corner. The drawing is annotated with various callouts and notes:

- Op-Mech Bill of Material:** Points to the Bill of Materials table in the upper right.
- Shop Notes:** Points to a list of instructions for manufacturing.
- Customer Notes:** Points to a list of specific requirements from the customer.
- Reference Drawings:** Points to a list of drawings used as references.
- Job Specific Info:** Points to a section containing information specific to the job.
- JO #:** Points to the Job Order number in the top right corner.
- Drawing #:** Points to the drawing number in the bottom right corner.
- Purchase Order #:** Points to the purchase order number in the bottom right corner.

ITEM NO.	DESCRIPTION	QTY	UNIT	REVISION
1	OPERATING MECHANISM	1	EA	1
2	...	...	...	...
3	...	...	...	...
4	...	...	...	...
5	...	...	...	...
6	...	...	...	...
7	...	...	...	...
8	...	...	...	...
9	...	...	...	...
10	...	...	...	...
11	...	...	...	...
12	...	...	...	...
13	...	...	...	...
14	...	...	...	...
15	...	...	...	...
16	...	...	...	...
17	...	...	...	...
18	...	...	...	...
19	...	...	...	...
20	...	...	...	...
21	...	...	...	...
22	...	...	...	...
23	...	...	...	...
24	...	...	...	...
25	...	...	...	...
26	...	...	...	...
27	...	...	...	...
28	...	...	...	...
29	...	...	...	...
30	...	...	...	...
31	...	...	...	...
32	...	...	...	...
33	...	...	...	...
34	...	...	...	...
35	...	...	...	...
36	...	...	...	...
37	...	...	...	...
38	...	...	...	...
39	...	...	...	...
40	...	...	...	...
41	...	...	...	...
42	...	...	...	...
43	...	...	...	...
44	...	...	...	...
45	...	...	...	...
46	...	...	...	...
47	...	...	...	...
48	...	...	...	...
49	...	...	...	...
50	...	...	...	...

OPERATING MECHANISM  
EV-2 125 KV 2000 AMP  
LLS B 125 KV INTERRUPTER  
D-156169