

Maintenance and Testing

BOLT-LOC SWITCH MAINTENANCE

Ensure the operating condition and overall life of your switch has been extended according to manufacturer's specifications



An experienced Service technician performs maintenance and testing on a de-energized BOLT-LOC switch

Switches perform a mechanical function that could affect the entire electrical system. Periodic preventive maintenance is essential to the reliable operation of electrical equipment. This is especially true in the case of a service entrance device where **ALL** power to the facility passes through the BOLT-LOC switch.

Square D Services has experienced technicians who perform the following preventive maintenance services for rated switches either 3000A and below, or 4000A and above.

Visual Inspection and Operational Maintenance

- Inspect electric trip operating mechanism or manual front operating mechanism
- Exercise the de-energized switch operating mechanism
- Manual operational check (if electrically operated, check proper operation of shunt trip and ground fault relay)
- Check for terminal displacement around cables and bus
- Test the switch operating mechanism to confirm proper operation and alignment (blades, arc tips, clips, etc.); replace supporting hardware, as needed
- Take electrical conductivity and voltage measurements to confirm the current paths are clean and within proper specifications for proper operation of the switch; confirm these measurements are within factory specifications
- Inspect hinge blade mechanism
- Replacement parts are charged separately

General Lubrication and Cleaning

- Thoroughly clean the contact area on the line side terminals and between the switch blades with CRC type CO contact cleaner; wipe with clean, dry cloth
- Apply thin coating of proper lubricant to cleaned surfaces
- Inspect the front latch pin, clutch pin, and the roller and pivot point on the closing latch for lubrication
- Replacement parts are charged separately



Call 1-888-SQUARED for the location nearest you, or visit our Web site at www.squared.com



SQUARE D
Schneider Electric

BOLT-LOC Switch Maintenance: On-Site Maintenance Agreement

Pricing for maintenance of one BOLT-LOC switch:

	3000A and Below		4000A and Above	
Standard Pricing	Price	Catalog No.	Price	Catalog No.
Within 100 Miles	\$ 2,600	OSMBL30001	\$ 4,600	OSMBL40001
Within 200 Miles	\$ 3,900	OSMBL30002	\$ 5,200	OSMBL40002
Within 300 Miles	\$ 5,200	OSMBL30003	\$ 6,200	OSMBL40003
Premium/Overtime Pricing	Price	Catalog No.	Price	Catalog No.
Within 100 Miles	\$ 5,100	OSMBL3000E1	\$ 9,300	OSMBL4000E1
Within 200 Miles	\$ 7,900	OSMBL3000E2	\$ 9,700	OSMBL4000E2
Within 300 Miles	\$ 10,500	OSMBL3000E3	\$ 12,300	OSMBL4000E3

FS-3 Discount



Also available from Square D Services

Type B/L BOLT-LOC Switch Replacement and Accessory Upgrade

Replace and upgrade your Type B/L BOLT-LOC switch with new components installed by experienced technicians from the original manufacturer.

With global resources and a North America services network, SQUARE D Services can provide reliable equipment solutions from the industry's top engineering talent for all major OEM brands.

As your partner in managing the lifespan of your electrical distribution equipment, we'll take a proactive approach to analyzing and solving your power distribution problems, such as reducing downtime, extending equipment life, and improving reliability.

