

FAS-3 Recommended Maintenance

WARNING

Before servicing the switch, be sure it is disconnected from all electric power sources and properly grounded.

Maintaining the FAS-3 Switch includes inspection. The frequency of inspection depends upon atmospheric conditions and frequency of operation. The service interval is largely determined by the user. Recommended maintenance is similar to that listed in the latest industry standards.¹

Complete the maintenance checklist items listed in the table to assure that all proper maintenance is carried out.

Notice: Contaminated environments or operation in sleet conditions also may require applying the lubricants at pivot points. The grease should be durable and able to retain its viscosity over a wide temperature range.

Field Lubrication of Outdoor Switches

*None required at installation unless switches were exposed to abnormal conditions during storage for a considerable length of time. During regular cleaning, give them a light coat of grease.

Table 2 Lubrication Guide for Outdoor Switch Components			
Part Name	Type Lubricants Recommended	Amount Applied	Qty. Req'd. for (6) Three-pole Switches
Jaw Fingers	NO-OX-ID Grade "A" Special or Mobil 28 Grease	Medium Coat	
Blade Ends	NO-OX-ID Grade "A" Special or Mobil 28 Grease	Medium Coat	(1) Quart
Pins On current carrying parts	Mobil 28 Grease or DC-4	*	
Pins On control parts	Mobil 28 Grease or DC-4	Light Coat	(1) Quart
Bearing Areas On control parts	Mobil 28 Grease or DC-4	Medium Coat	
Terminal Connections	NO-OX-ID Grade "A" Special or NO 2 EJC	Heavy Coat	(1) Quart

FAS-3 Switch Maintenance Checklist	
Item to Check	Check
Under normal service conditions, inspect the jaw and hinge contacts at least once a year.	
Examine contacts to be sure that they are aligned, clean, and have a firm uniform pressure.	
If contacts are pitted or burned, remove and replace the old contacts with new ones.	
Clean the contact surfaces thoroughly by scraping off any contamination or deposit.	
After cleaning the contacts, apply a coat of lubricant, either Mobil 28 Grease or NO-OX-ID Grade "A" Special.	

¹ ANSI C37.35 (American National Standard Guide for the Application, Installation, Operation and Maintenance of High-Voltage Air Disconnecting and Interrupter Switches)