



HSB Generator

Preventative Maintenance: Switch, Low Oil Shut-Down 0.6 Bar

Applies to 12.5 and 14 kw Home Standby Generators

Maintenance of part no. 100831 Low Oil Shut-Down Switch 0.6 Bar

Home Standby Generators installed in high humidity regions have experienced Low Oil Faults and Starting Issues due to corrosion of the Low Oil Shut-Down Switch.

In some regions the combination of humidity and salt can penetrate the sensor tab vent, and the plastic -metal seam of Low Oil Shut-Down switch causing corrosion to the pressure spring inside of the switch.

Note: Preventative maintenance is also recommended for all HSB Generators.

Step 1 – Locate Low Oil Shut-Down Switch

- Location is to the right of the oil filter next to the Oil Cooler hoses

Step 2 – Clean the Low Oil Shut-Down Switch

- Remove yellow wire from Low Oil Shut-Down Switch sensor tab
- Use soapy water and a paint brush to clean all plastic and metal surfaces
- Work brush into Plastic / Metal seam to remove all Dust and dirt.

Step 3 - Rinse off Low Oil Shut-Down Switch

- Use a clean spray bottle full of clean water to rinse off Low Oil Shut-Down Switch
- Use the fine spray setting to spray plastic - metal seam area

Step 4 – Dry Low Oil Shut-Down Switch

- Using a clean cloth dry off Low Oil Shut-Down Switch
- Use compressed air or a hair dryer to blow dry if applicable

Step 5 – Apply grease to Low Oil Shut-Down Switch

- Use a small brush
- Work the grease into the plastic - metal seam of switch
- Brush entire switch and sensor tab with grease
- Reconnect yellow wire to Low Oil Shut-Down sensor tab

Maintenance Completed

Recommended grease

- Non-conducting grease
- Dielectric grease

