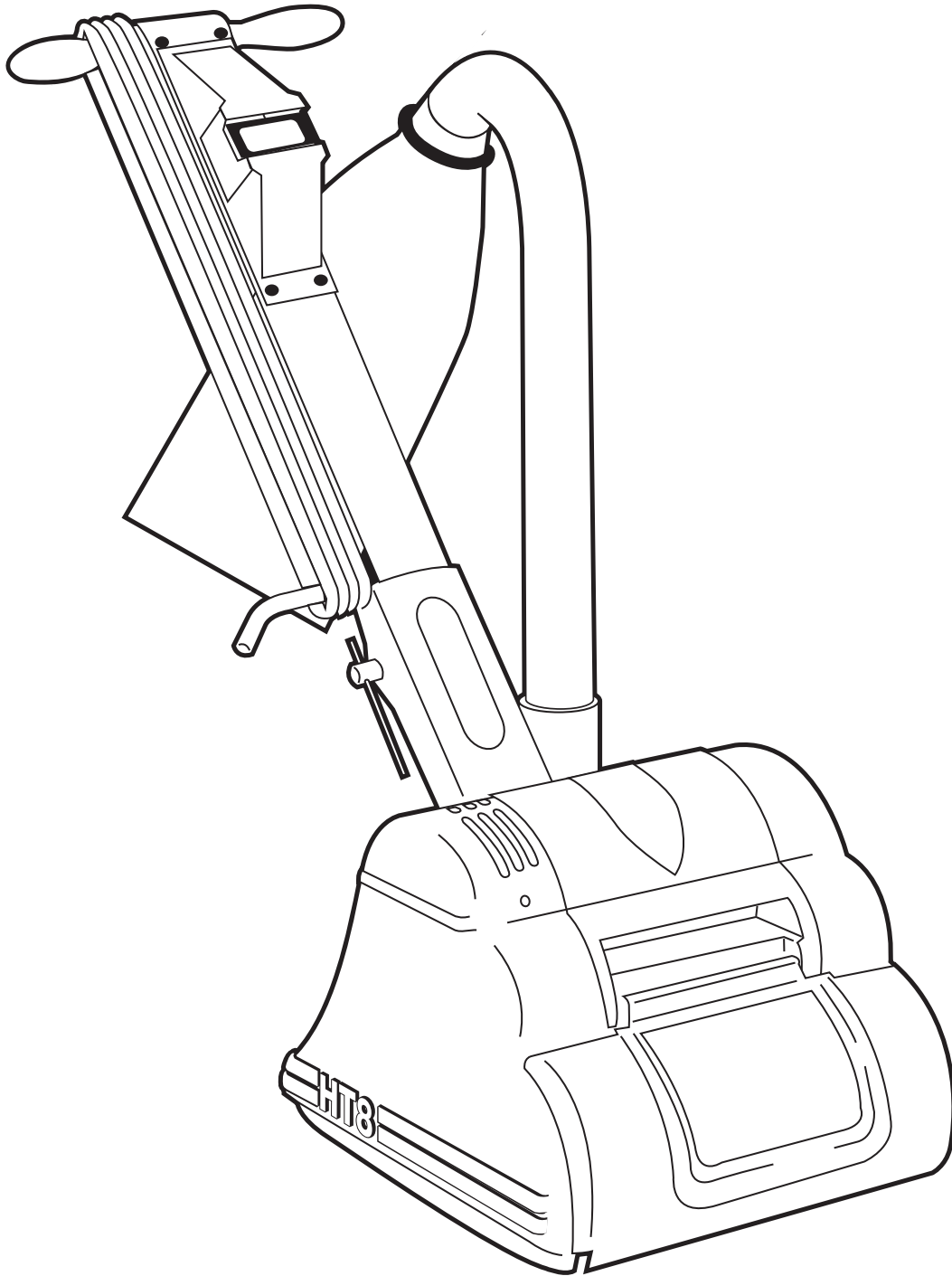


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FLOOR SANDER



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INSTRUCTIONS FOR ELECTRICAL TESTING

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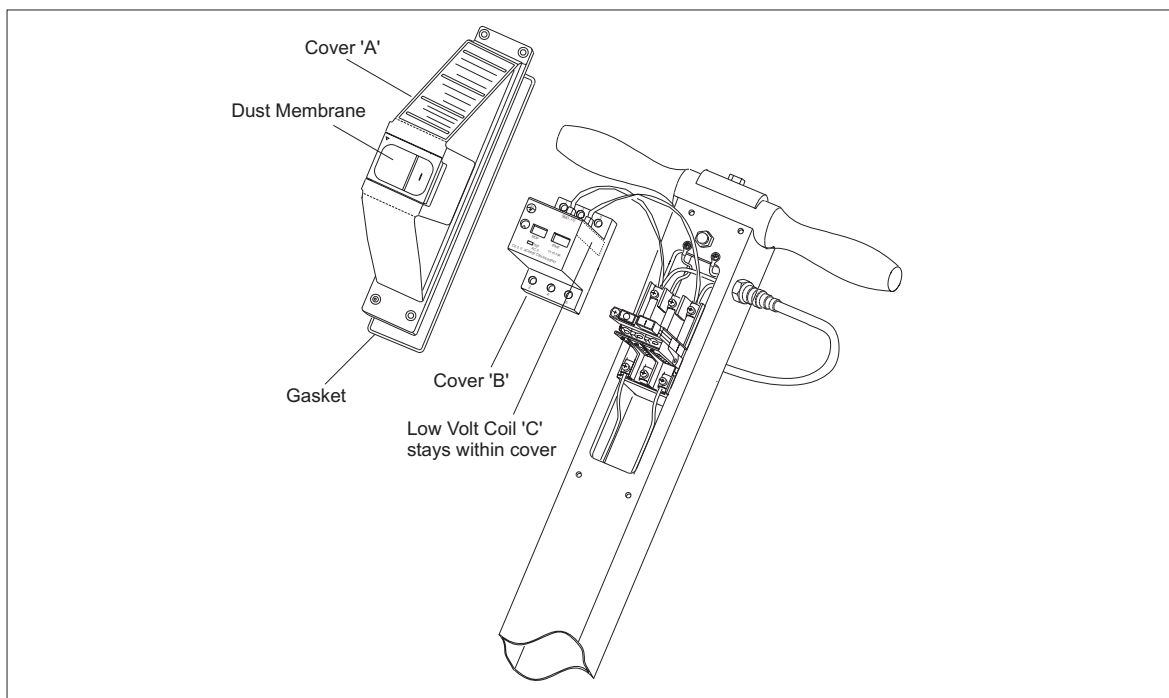


CAUTION - testing for electrical safety should be undertaken by a competent person and all results recorded. Do not exceed 1250 volt insulation test duration of 3 seconds.

1. Examine the power cable and handle cable for damage, if the outer insulation shows more than the slightest of abrasions or the inner conductors are exposed then the cable must be replaced. The cables must not be repaired with tape or insulation sleeve.
2. Open and check mains plug and interconnecting socket Ref.24 for condition, loose connections, damaged wires etc. Ensure that the strain relief of the power cable plug is correctly secured to the outer cable insulation.
3. Open and examine the Switch Housing Ref.11 for loose connections, damaged wires, and general condition. Pay special attention to any gaskets, 'O' rings and seals intended to exclude dust from the switch and switch housing area, these must be maintained in good condition.
4. Ensure that the Strain Relief Ref.5 is correctly secured to the outer cable insulation.

Note: HT8-1.2 Floor Sanders manufactured from October 1993 starting with Serial Number 00532 (110/120V) and 00779 (220/240V) feature a fully protected circuit breaker which incorporates 'Low Volt Protection'. This means that should the mains supply be interrupted during use the switch will immediately return to the 'OFF' position to protect the operator.

HT8-1.2 Low Voltage Switch.



Protection'. This means that should the mains supply be interrupted during use the switch will immediately return to the 'OFF' position to protect the operator. This feature, by preventing a circuit through the switch unless mains voltage is present, also prevents a full insulation (flash) test unless the test instrument has 'test on run' facility.

If your instrument has this facility then:- replace the switch cover 'A' taking care to avoid trapping leads and ensuring that all dust gaskets are correctly positioned. Check that the circuit breaker 'ON' button does not lock in the 'ON' position when depressed. The button must only lock 'ON' when current is present. Before carrying out test ensure that the motor is connected by the twist lock socket Ref. 24 and that all safety measures have been taken.

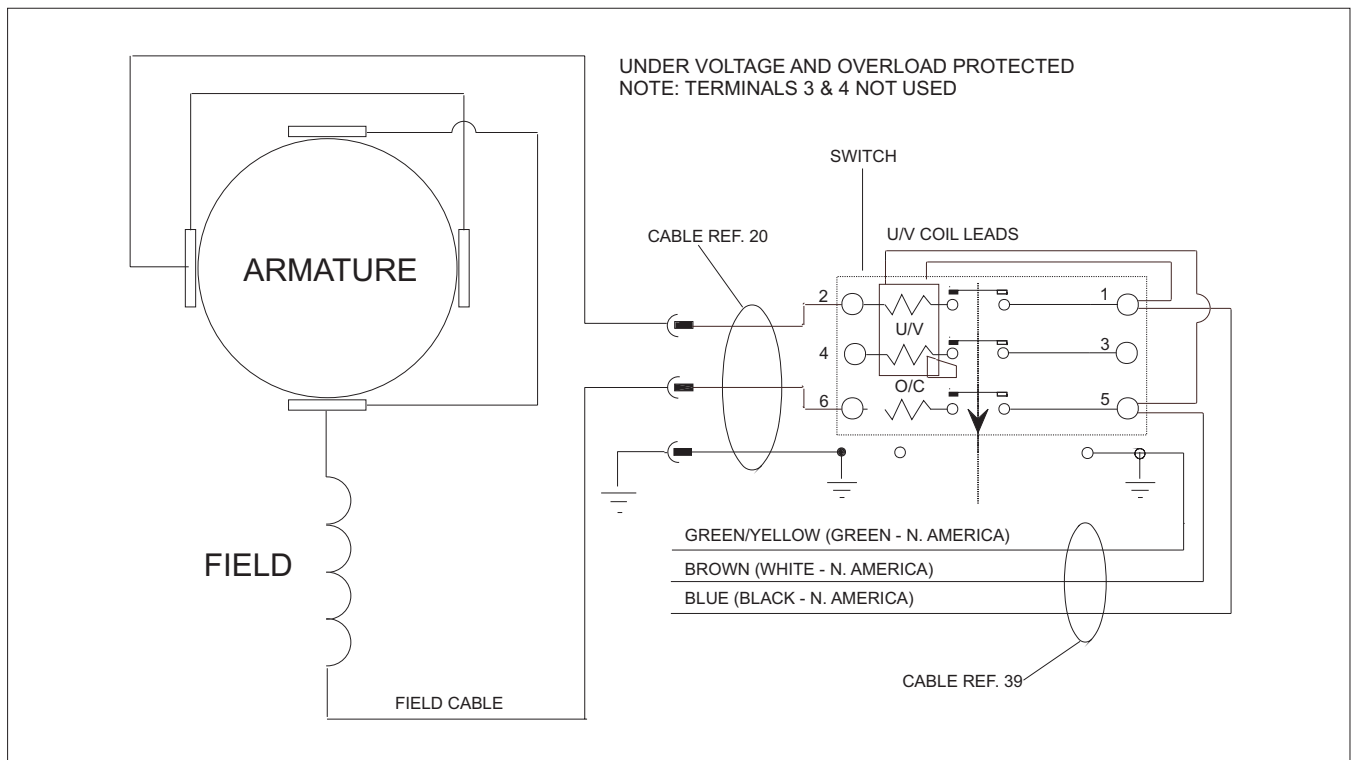
(Class 1 Earthed Appliance [U.K.]) Carry out 'test on run' procedure.

If your instrument does not have 'test on run' facility then Continue as follows:-

5. While you have the switch housing open for visual inspection remove the circuit breaker cover 'B' together with the 'low volt coil 'C'(see below). Do not disconnect or disturb any cables. The 'low volt coils will remain within the cover 'B'.

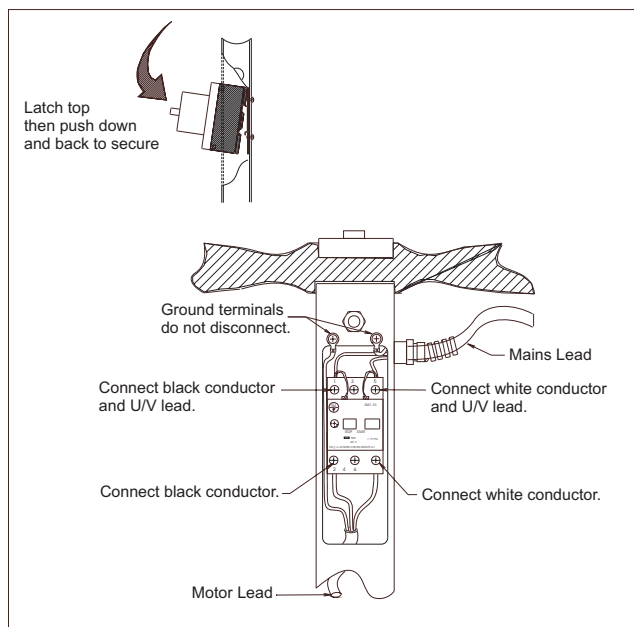
The circuit breaker will now lock into the 'ON' position without current present. Before carrying out an insulation (flash) test ensure that the motor is connected by the twist lock socket Ref. 24 and that all safety measures have been taken.

HT8-1.2 CIRCUIT DIAGRAM

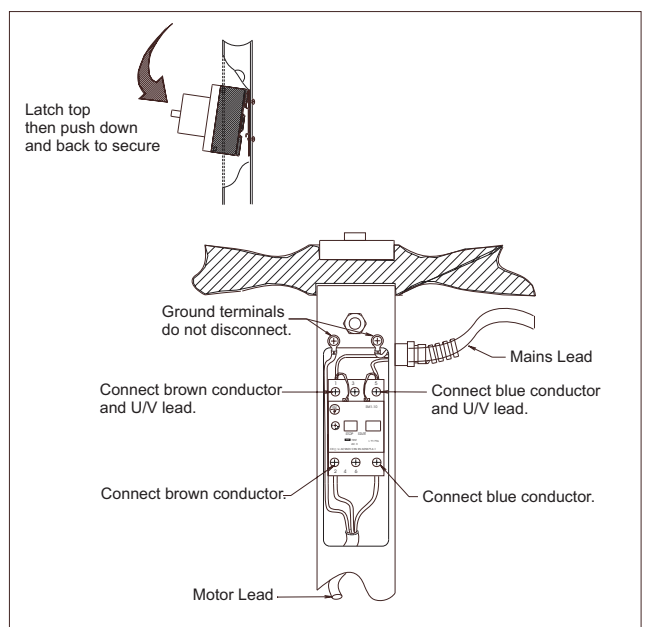


FITTING A REPLACEMENT SWITCH

INSTRUCTION FOR NORTH AMERICA



INSTRUCTION FOR EEC, AUS, NZ



From Serial Number
02068 - 110/120 Volt
03998 - 220/240 Volt

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