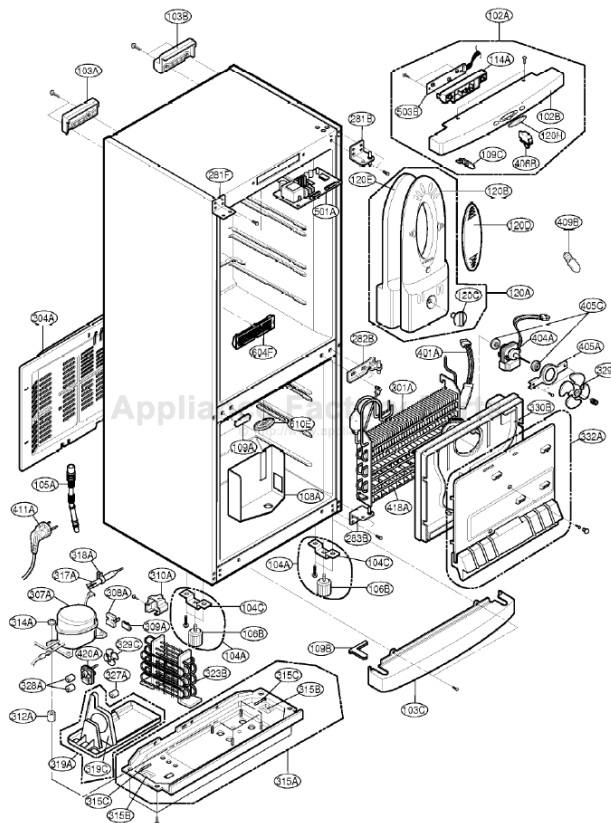


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# LG GR-349RP Owner's Manual

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### 3 OLP (OVER LOAD PROTECTOR)

#### 1) Definition of OLP

- (1) OLP (OVER LOAD PROTECTOR) is attached to the hermetic compressor and protects the motor by cutting off current in compressor motor in case of over-rising temperature by Bimetal in the OLP.
- (2) When over-voltage flows to Compressor motor, the bimetal works by heating the heater inside the OLP, and the OLP protects motor by cutting off current which flows to the compressor motor.

#### 2) Role of the OLP

- (1) The OLP is attached to the hermetic compressor used for the refrigerator and show case and prevents the motor coil from being started in the compressor.
- (2) Do not turn the adjust screw of the OLP in any way for normal operation of the OLP.  
(Composition and connection Diagram of OLP)

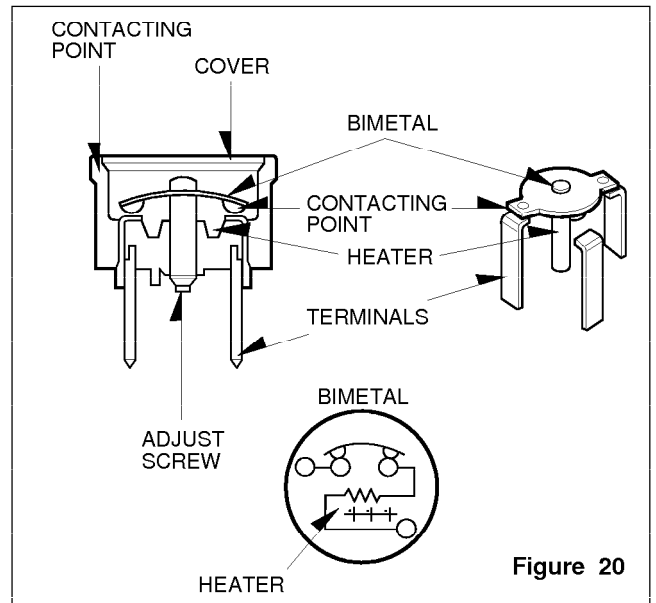
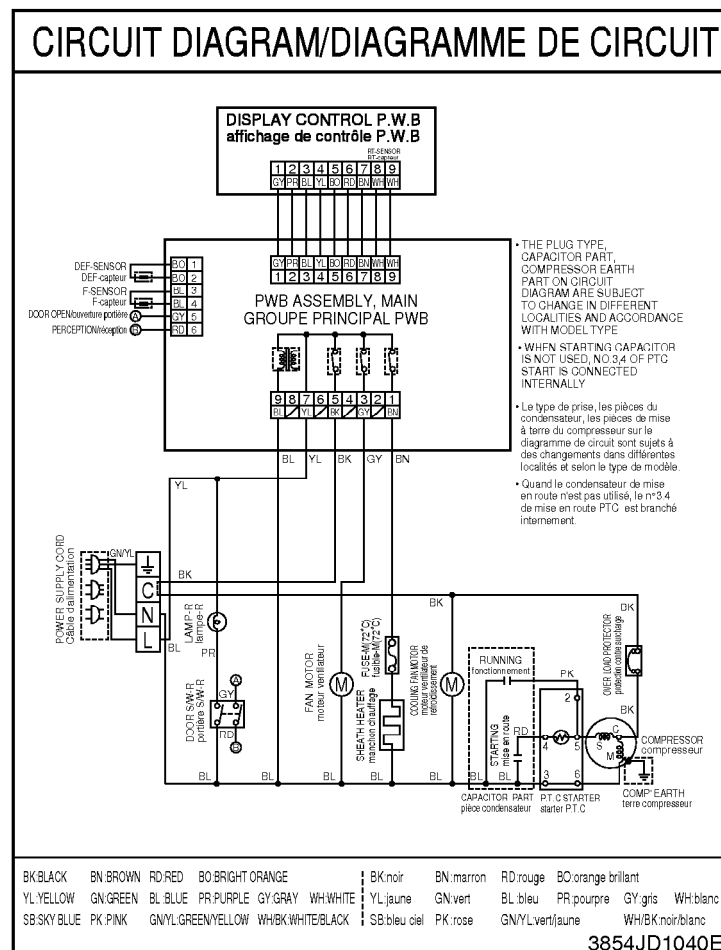


Figure 20

## CIRCUIT DIAGRAM



NOTE : This is a basic diagram and specifications vary in different localities.