

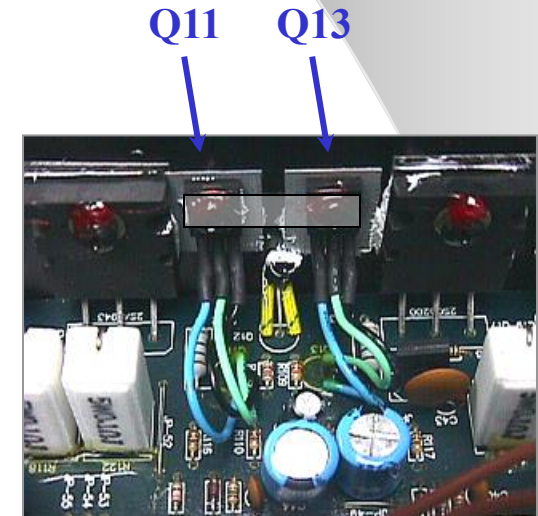
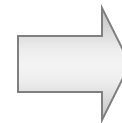
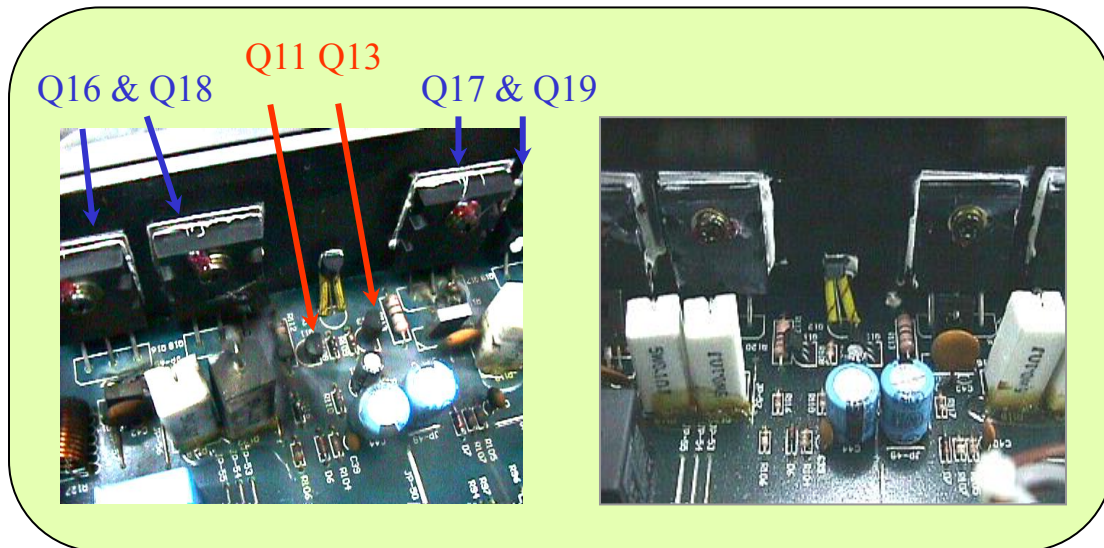
Temporary Actions for :

(A) : Cause of failure of C59 & C60

- (1) Temperature rating of C59 & C60 to be changed from 85°C to 105°C as temperature of the capacitor is found to be 89°C during Evaluation. Capacitance will be the same (12000uF , working voltage 63 VDC)

(B) : Cause of failure of Temperature Compensation of Power Transistors

- (2) Q11 is changed from MPSA56 (TO-92) 625mW max to Philips BD140 (TO-220) 1W max and Q13 is changed from MPSA06 (TO-92) 625mW max to Philips BD139 (TO-220) 1W max
- (3) Q11 and Q13 to be mounted onto the heat sink by a metal bracket to have the same temperature as Q16, Q17, Q18 and Q19 so as to restore the temperature compensation function.



Temporary Actions for :

(C) : Cause of failure of Resistors 143 and 144

- (4) R143/R144 have to be relocated onto the heat sink. This avoids directly heating up the nearby capacitors C59/C60 and help further cooling down the body temperature of R143/R144

