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Cobra 138XLR / 139XLR Technical Bulletin 1208

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DYNASCAN SERVICE OPERATIONS

Cobra Communications

COBRA FIELD BULLETIN

SUBJECT: FINAL TR-43 BURNOUT ON COBRA 138/139XLR.

SYMPTOM: NO TRANSMIT ON A.M. OR S.S.B. TR-43 FOUND SHORTED.

- SOLUTION:
- 1) CHANGE R-180 FROM 56 OHM, 2 WATT DYNASCAN PART NUMBER 011-125-9-001 to 100 OHM, 1 WATT DYNASCAN PART NUMBER 002-001-6-101.
 - 2) CHANGE R-205 FROM L OHM, $\frac{1}{2}$ WATT DYNASCAN PART NUMBER 002-102-5-010 TO 4.7 OHM $\frac{1}{4}$ WATT DYNASCAN PART NUMBER 002-104-5-479.
 - 3) DELETE R-204, 10 OHM $\frac{1}{2}$ WATT, DYNASCAN PART NUMBER 002-102-5-100.
 - 4) DELETE C-181, 47uf, DYNASCAN PART NUMBER 022-120-9-002.
 - 5) DELETE C-232, 180pf, DYNASCAN PART NUMBER 020-177-9-014.
 - 6) ADD 470 OHM, $\frac{1}{4}$ WATT, DYNASCAN PART NUMBER 002-104-5-471, BETWEEN BASE AND GROUND OF TR-43.
 - 7) ADD 470 OHM, $\frac{1}{4}$ WATT, DYNASCAN PART NUMBER 002-104-5-471, BETWEEN BASE AND GROUND OF TR-44 DRIVER.
 - 8) ADJUST VR-15 FOR 40mA at TP-4.
 - 9) ADJUST VR-16 FOR 15mA AT TP-2.

- NOTE:
- 1) THIS MODIFICATION SHOULD BE DONE ON ALL UNITS THAT COME IN FOR IN-WARRANTY REPAIR.
 - 2) THIS MODIFICATION IS BEING MADE IN PRODUCTION NOW.

DDW/pc
4/77
#1203