

Clansman VRC-353 Repair Tips

Construction

Info coming soon...

Taking it apart

Info coming soon...

Test Kit

Info coming soon...

Circuit diagrams, manuals and fault diagnosis

Info coming soon...

Common faults and fixes

Note, where more than one assembly is mentioned, it could be any one of them that are causing the problem, not all of them

No power – PSU, fuse, meter board 1b
No Tx – align AFC, align shaft, 2b U/S, Tx U/S, Rxer U/S, PSU U/S
56MHz squeal – PSU needs tweaking. External power source issue
Perm call – Remote terminals
No remote audio – remote transformer 2T2
No audio – audio transformer
Perm Rem Tx – remote terminal U/S
Overheating 7 or 1c
Remote Tx U/S – 2c
No audio – 2T1
ARFAT tune U/S – 1j or 2b
Shaft rocks – 2a, loosen shaft bolts, open cct 6/5
Harness Tx U/S – 2c
Perm call – 2c
No lock 30MHz – adj LO
ARFAT in red – filter U/S. 2c
Intermittent mush – 2c
Tx U/S – 2c
Keeps spinning – Rxer, synth, 2c
Perm Tx – 2b, 2c
No Rx except on override – 2c, tweaker T
Sticky Tx – 2b, 2c
Freq Tx +1k – flick synth logic
Shaft vibrating – 4
No IC tone – 2d
Tx lamp flickering – 2c
No call – 2b

PT U/S – 2a
PSU trips – relay
PT U/S – 2a
Data fails – 2b
Sticky auto rebro – 2c
56MHz squeal – band 3 TX lid
No sidetone – 2d
Screech on Tx, all freqs – 2b
Tx AFC wont align – adj Rx LO
No lock, lamps flash – turret stuck
Low volume – audio transformer
No Rx – PSU
No Rx unless moving mode switch – 2c
Perm noise – Rxer

Steve Slack
MØSLK/9H4SS

2013

www.clansman-radio.co.uk