

SPECIFIC RADIO TUNE-UPS (Cont'd):

REALISTIC TRC-432:

RX: VR301; Power supply voltage adjustment, 13.8V max.
VR302; SQ Range
VR4; IF Gain
VR5; S Meter

TX: Peak T12, L5, L4, L3
AMC adjustment; Cut collector of Q10

REALISTIC TRC-441:

Change final to 2SC1306. Change all thin plastic insulators on heat sinks to Mica insulators.

RX: VR3; S Meter
VR5; SQ Range
VR2; IF Gain

TX: Peak T113, T114, L107, L104
(There is no AMC adjustment). Remove D110, DO NOT
remove C146.
VR1; RF Meter Adjustment

REALISTIC TRC-490 (21-1583):

NOTE: Unit has an MB8734 P11 chip - for frequency & slider
Modification, see Volume 7, pages 18-22 (Courier Galaxy)
Change '90 day wonders' on final & driver; also under
chassis check TR25 and TR26. In P/S TR303, some are
sunked wrong.
Change final to 2SC1307 if you are going to push unit.

RX: VR1; S Meter adjust
VR12; Squelch range

TX: Peak L26, L27, L28, L29, L36- Do not touch L39 (TVI)
VR3; TX frequency adjust
VR8; Driver bias
VR9; Final Bias
VR5; Carrier balance
VR7; RF ALC (Don't exceed 15W in SSB, and 7W in AM unless
final has been changed.
VR6; AM Power
VR10; Rf Meter adjust
For modulation increase - cut R102 (15K) located to right of L17.