

## ADJUSTMENT

No.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	TUNER SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
FM SECTION Unless otherwise specified, the individual switches should be set as following: IF BAND:WIDE RF SELECTOR:DISTANCE MODURATION:ON TUNING MODE:AUTO REC CAL:OFF TUNING LOCK:OFF PROGRAM:OFF ANTENNA:A OUTPUT LEVEL:MAX QUIETING CONTROL:NORMAL							
1	BAND EDGE (1)	—	Connect a DC voltmeter between TP6 and TP7.	TUNING MODE: MANU 87.5MHz	L5 (X05-)	3.0V±0.1V	(a) ✓
2	BAND EDGE (2)	—	Connect a DC voltmeter between TP6 and TP7.	TUNING MODE: MANU 108.0MHz	TC5 (X05-)	25.0V±0.3V	(a) ✓
Repeat alignments 1 and 2 several times.							
3	DISCRIMINATOR (1)	(A) 98.0MHz 0 dev 100dBμ (ANT input)	Connect a DC voltmeter between TP10 and TP11.	98.0MHz	L12 (X86-)	0.000V±10mV	(b) ✓
4	DISCRIMINATOR (2)	(A) 98.0MHz 0 dev 100dBμ (ANT input)	Connect a DC voltmeter between TP16 and TP17.	98.0MHz	L9 (X86-)	0.000V±10mV	(c) ✓
5	RF ALIGNMENT (1)	(A) 90.0MHz 1kHz, ±75kHz dev	(B)	90.0MHz	L1~4 (X05-)	Maximum amplitude and symmetry of the oscilloscope display.	
6	RF ALIGNMENT (2)	(A) 106.0MHz 1kHz, ±75kHz dev	(B)	106.0MHz	TC1~5 (X05-)	Maximum amplitude and symmetry of the oscilloscope display.	
Repeat alignments 5 and 6 several times.							
7	IFT	(A) 98.0MHz 1kHz, ±75kHz dev 2~3dBμ (ANT input)	(B)	98.0MHz	L10, 11, 22 (X05-) L11(X86-)	Maximum amplitude and symmetry of the oscilloscope display.	
8	AUTO-STOP SENSITIVITY	(A) 98.0MHz Pilot:±6.75kHz dev 12dBμ (ANT input)	—	98.0MHz	VR1 (X86-)	The STEREO indicator lights.	
9	SIGNAL METER DISPLAY	(A) 98.0MHz 0 dev 43dBμ (ANT input)	—	98.0MHz	VR3 (X13-)	Lighting of the 7th dot.	(f)
10	TUNING METER DISPLAY	(A) 98.0MHz Selector: MONO 10Hz, ±100~150kHz dev 80dBμ (ANT input)	—	98.0MHz	VR2 (X13-)	Operate so that the red colors at the extremities of the center light uniformly.	
11	MPX VCO	(C) 98.0MHz 0 dev 80dBμ (ANT input)	Connect a frequency counter to TP15 via an AC voltmeter.	98.0MHz	VR5 (X05-)	76.000kHz±50Hz	(d)
12	PILOT CANCELLER (1)	(C) 98.0MHz 0 dev Pilot:±6.75kHz dev 80dBμ (ANT input)	Connect a AC voltmeter between TP9 and GND	98.0MHz	VR1 (X05-)	Minimum 19kHz output.	(e)
13	PILOT CANCELLER (2)	(C) 98.0MHz 0 dev Pilot:±6.75kHz dev 80dBμ (ANT input)	Connect a AC voltmeter between TP9 and GND	98.0MHz	L20 (X05-)	Minimum 19kHz output.	(e)
Repeat alignments 12 and 13 several times.							
14	SUB CARRIER (38kHz)	(C) 98.0MHz Selector: SUB 100Hz, ±68.25kHz dev Pilot:±6.75kHz dev 80dBμ (ANT input)	(B)	98.0MHz	L19 (X05-)	Minimum distortion.	
15	DISTORTION(1) DLLD	(C) 98.0MHz Selector: MONO 1kHz, ±75kHz dev 80dBμ (ANT input)	(B)	98.0MHz	VR3 (X86-)	Minimum distortion.	
16	DISTORTION(2) MONO	(C) 98.0MHz Selector: MONO 1kHz, ±75kHz dev 80dBμ (ANT input)	(B)	98.0MHz	VR4 (X86-)	Minimum distortion.	