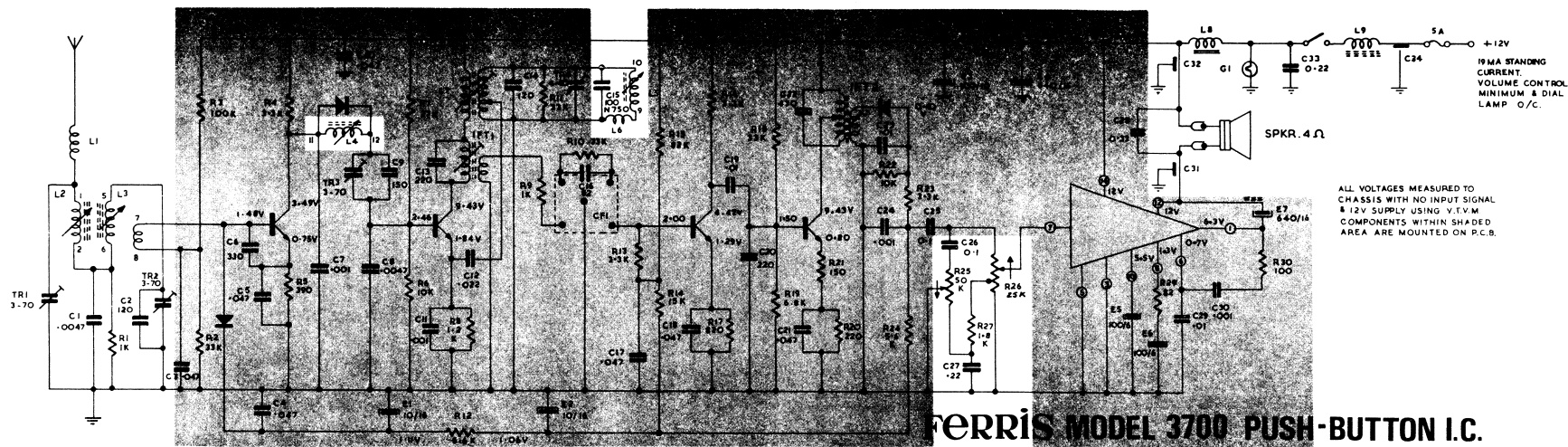
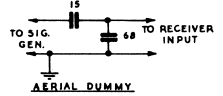
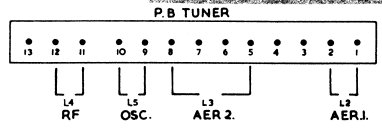


F25 Ferris 3700

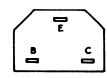


ALL VOLTAGES MEASURED TO CHASSIS WITH NO INPUT SIGNAL & 12V SUPPLY USING V.T.V.M COMPONENTS WITHIN SHADED AREA ARE MOUNTED ON P.C.B.

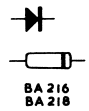
FERRIS MODEL 3700 PUSH-BUTTON I.C.



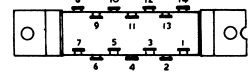
AERIAL DUMMY ALIGNMENT
 UF 455 KHZ ALIGN WITH SWEEP GEN.
 OSC. 1620 KHZ & 600 KHZ
 AER. & RF 1500 KHZ



BF104
 BF195
 BASE VIEW



BA 216
 BA 218



PIN VIEW OF
 TBA418

CAR RADIO

RESISTORS

R1	1K	± 10%	W
R2	33K	± 5%	W
R3	100K	± 5%	W
R4	3.3K	± 10%	W
R5	390	± 10%	W
R6	10K	± 5%	W
R7	27K	± 5%	W
R8	1.2K	± 10%	W
R9	1K	± 10%	W
R10	33K	± 10%	W
R11	33K	± 10%	W
R12	5.6K	± 10%	W
R13	3.3K	± 10%	W
R14	15K	± 5%	W
R15	82K	± 5%	W
R16	3.3K	± 10%	W
R17	820	± 10%	W
R18	33K	± 5%	W
R19	6.8K	± 5%	W
R20	220	± 10%	W
R21	150	± 10%	W
R22	10K	± 10%	W
R23	3.3K	± 10%	W
R24	5.6K	± 10%	W
R25	50K	Vol. & Tone Control	R3047
R26	25K	With On/Off Switch	
R27	1.8K	± 10%	W
R28	330	± 10%	W
R29	82	± 10%	W
R30	100	± 10%	W

CAPACITORS

C1	.0047uF	± 10%	63V	ECS	Polystyrene
C2	120pF	± 10%	63V	ECS	Polystyrene
C3	.047uF	± 10%	100V	CQ	Polyester
C4	.047uF	± 10%	100V	CQ	Polyester
C5	.047uF	± 10%	100V	CQ	Polyester
C6	330pF	± 20%	50V	YI	Ceramic
C7	.001uF	± 10%	63V	ECS	Polystyrene
C8	.0047uF	± 10%	100V	CQ	Polyester
C9	150pF	± 10%	63V	ECS	Polystyrene
C10	.047uF	± 10%	100V	CQ	Polyester
C11	.001uF	± 10%	100V	CQ	Polyester
C12	.022uF	± 10%	100V	CQ	Polyester
C13	220pF	± 5%	63V	ECS	Polystyrene
C14	120pF	± 5%	63V	ECS	Polystyrene
C15	1000pF	± 5%	500V	N750	Ceramic
C16	82pF	± 10%	63V	ECS	Polystyrene
C17	.047uF	± 10%	100V	CQ	Polyester
C18	.047uF	± 10%	100V	CQ	Polyester
C19	.01uF	± 10%	100V	CQ	Polyester
C20	220pF	± 20%	25V		Ceramic
C21	.047uF	± 10%	100V	CQ	Polyester
C22	470pF	± 5%	63V	ECS	Polystyrene
C23	.01uF	± 10%	100V	CQ	Polyester
C24	.001uF	± 10%	100V	CQ	Polyester
C25	.01uF	± 10%	100V	CQ	Polyester
C26	.01uF	± 10%	100V	CQ	Polyester
C27	0.22uF	± 10%	50V	PML	Lacquer Film
C28	0.33uF	± 10%	50V	PML	Lacquer Film
C29	.01uF	± 10%	100V	CQ	Polyester
C30	.001uF	± 10%	100V	CQ	Polyester
C31	.0022uF	Feed Thru Ceramic			700-05222
C32	.0022uF	Feed Thru Ceramic			700-05222
C33	0.22uF	± 10%	50V	PML	Lacquer Film
C34	.0022uF	Feed Thru Ceramic			700-05222

ELECTROLYTIC CAPACITORS

E1	10uF	16V	Single Ended	16VBSL10
E2	10uF	16V	Single Ended	16VBSL10
E3	100uF	10V	Single Ended	10VBSL100
E4	640uF	16V	Single Ended	16TAL640
E5	100uF	6V	Single Ended	6VBSL100
E6	100uF	6V	Single Ended	6VBSL100
E7	640uF	16V	Single Ended	16TAL640

TRIMMER CAPACITORS

TR1	3-70pF	c/w Brkt	G-1MF-18
TR2	3-70pF	c/w Brkt	G-1MF-18
TR3	3-70pF	B2F	G-1MF-18
TR4	4-40pF	ATT-5	

INDUCTORS

L1	Aerial Socket Assembly	R3090
L2		
L3		
L4	Permeability Tuner	R3018
L5		
L6	Osc. Series Padder Coil	5uH
L7	Osc. Shunt Padder Coil	7341
L8	Supply Filter Choke	R3062
L9	Supply R.F. Choke	R3061
IP1	1st IF Transformer	9184
IP2	2nd IF Transformer	9176

MISCELLANEOUS

CFI	Ceramic IF Filter	Murata SPD455B
	Fuse 5 Amps	3AG
G1	Dial Lamp 12V 2W Green	121602G
	Dial Lamp Socket Assy.	53600-003
	Ferrite Bead	5659065/4A
	Knob Vol. & Tuning (Front)	R3037
	Knob Tuning (Rear)	R3039CA
	Knob Tone	R3038CA
	Dial Scale	R3066