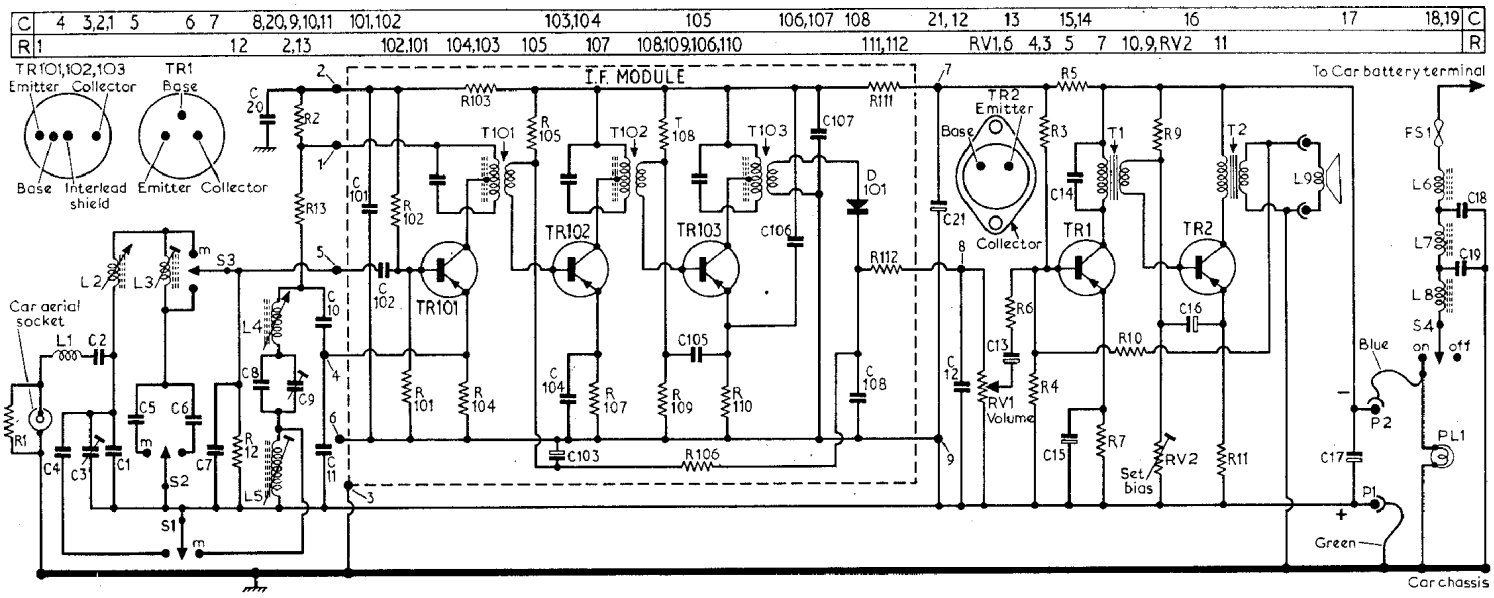


Resistors

R1	1MΩ	C1
R2	1·2kΩ	C2
R3	22kΩ	D3
R4	10kΩ	D3
R5	1·5kΩ	D3
R6	220Ω	D3
R7	1kΩ	D3
R9	220Ω	D3
R10	220kΩ	D3
R11	1Ω	D3
R12	2·2kΩ	B2
R13	47Ω	C1
R101	6·8kΩ	
R102	33kΩ	
R103	100Ω	
R104	820Ω	
R105	56kΩ	
R106	8·2kΩ	**
R107	680Ω	
R108	22kΩ	
R109	4·7kΩ	
R110	1kΩ	
R111	180Ω	
R112	470Ω	
RV1	5kΩ	A2
RV2	33Ω	D3

Capacitors

C1	27pF	C1
C2	0·01μF	B1
C3	80pF	C1
C4	1,400pF	C1
C5	410pF	B2
C6	4,700pF	B2
C7	2,200pF	B2
C8	150pF	B1
C9	180pF	C1
C10	1,000pF	C2
C11	6,800pF	C2
C12	0·01μF	A2
C13	16μF	D3
C14	0·022μF	D3
C15	100μF	D3
C16	1,000μF	D3
C17	1,000μF	D3
C18	0·1μF	D3
C19	0·1μF	D3
C20	0·1μF	B1
C21	200μF	A2
C101	0·047μF	
C102	0·047μF	
C103	10μF	
C104	0·047μF	
C105	0·047μF	**
C106	0·047μF	
C107	0·047μF	
C108	0·01μF	

Coils

L1	—	B1
L2	—	C1
L3	—	C1
L4	—	C1
L5	—	C1
L6	—	D3
L7	—	D3
L8	—	D3
L9	—	†
T1	—	D3
T2	—	A1
T101	—	**
T102	—	
T103	—	

Miscellaneous

D101	OA90	**
FS1	2A	—
PL1	14V. 0·75W	B2
S1-S3	—	C2
S4	—	A2

Transistors

TR1	AC128
TR2	AD149
TR101	AF115 **
TR102	AF117 **
TR103	AF117 **

† *Loudspeaker*
** *I.f. Module components*

CIRCUIT ALIGNMENT

Equipment Required.—A signal generator with facility for 30 per cent amplitude modulation; an audio output meter with an impedance to match 3Ω; a model 8 Avometer and suitable trimming tools.

No alignment instructions are given here for the module as the manufacturers stipulate that no alignment adjustment be made to it.

Note: During alignment the signal input level should be kept to a minimum to avoid a.g.c. action.

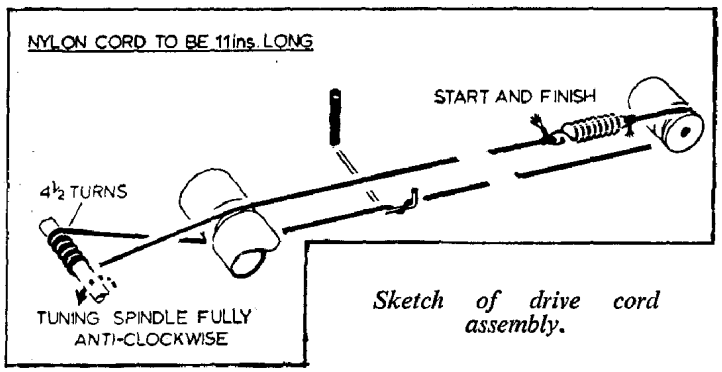
1.—Connect the signal generator output lead to the car aerial socket via a dummy aerial consisting of a 15pF series capacitor followed by a 60pF shunt capacitor. Disconnect the loudspeaker, and in its place connect the audio output meter. Turn volume control to maximum and switch receiver to m.w.

2.—Tune receiver to the h.f. end of m.w. and feed in a 1,620kc/s signal. Adjust **C9** for maximum output.

3.—Feed in a 1,500kc/s signal and tune receiver to this signal. Adjust **C3** for maximum output.

4.—Feed in a 1,000kc/s signal, tune receiver to this signal and, with tuning control unaltered, feed in a 470kc/s signal. Adjust i.f. rejector **L3** for *minimum* output.

5.—Switch receiver to l.w. and, with tuning control still set as for operation 4, feed in a 225kc/s signal. Adjust **L5** for maximum output.



Sketch of drive cord assembly.

PYE - 2040 "Micro"