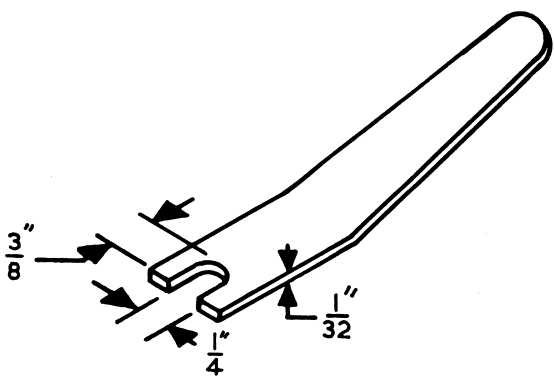


R.F. ALIGNMENT TABLE

Model S2

H.M.V. S2. H8

Operation	Tune Generator To	Tune Receiver To	Adjust for Maximum Output
1	Tune receiver, manually, to the high frequency end of the band (pointer extreme left), then depress the left-hand tuning push-button until the clutch is disengaged, and then release.		
2	1,630 Kc/s.		VC4, Osc. Trimmer VC1, Aerial Trimmer and VC2 & VC3, RF Trimmers L5, Osc. Padder (black and black dots) See Note re IFT's L4, Osc. Tuning Core
3	1,500 Kc/s.	1,500 Kc/s.	
4	600 Kc/s.	600 Kc/s. Rock through signal.	
5	Check that receiver tunes between 525-535 Kc/s. on low frequency end of band. If not, adjust.		
6	Repeat operations 2-5 as necessary, to obtain optimum alignment.		
7	1,000 Kc/s.	1,000 Kc/s.	
Check that pointer lies behind 1,000 Kc/s. calibration mark on dial scale when receiver is tuned for maximum output. If there is a calibration error greater than one pointer width, set the centre tuning push-button on 1,000 Kc/s. and adjust the eccentric at rear end of pointer arm with tool shown below.			
			
This operation may slightly detune the receiver. Re-tune accurately to 1,000 Kc/s. by depressing centre tuning push-button and re-check calibration.			
8	Seal Oscillator and both R.F. trimmers with wax. DO NOT SEAL AERIAL TRIMMER. Input to receiver should not be greater than 8 microvolts at 1,500 Kc/s., 5 uV at 1,000 and 600 Kc/s., to obtain 1.92 volts (1 watt) output. If sensitivity cannot be achieved at all frequencies by alignment as described, the tuning coil slugs may require adjustment. These are adjustable from the front of the chassis:		
9	1,000 Kc/s.	1,000 Kc/s.	L1, Aerial Tuning Core and L2 and L3, RF Tuning Core

NOISE SUPPRESSION

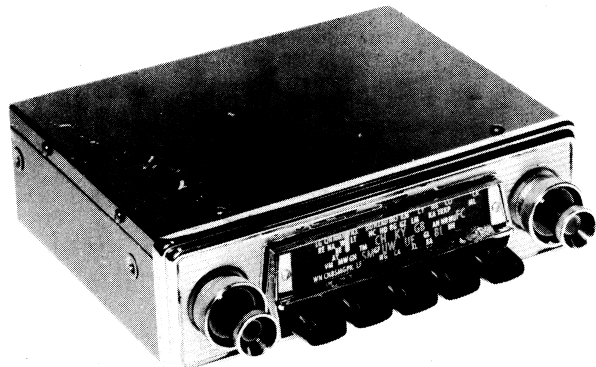
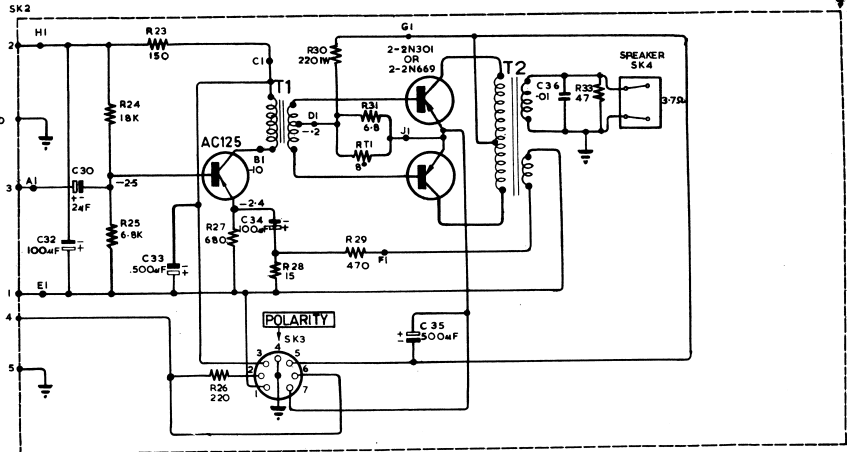
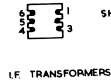
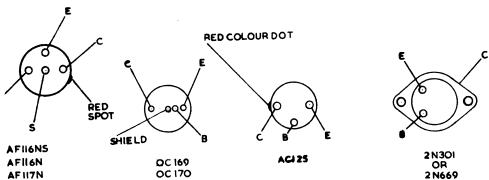
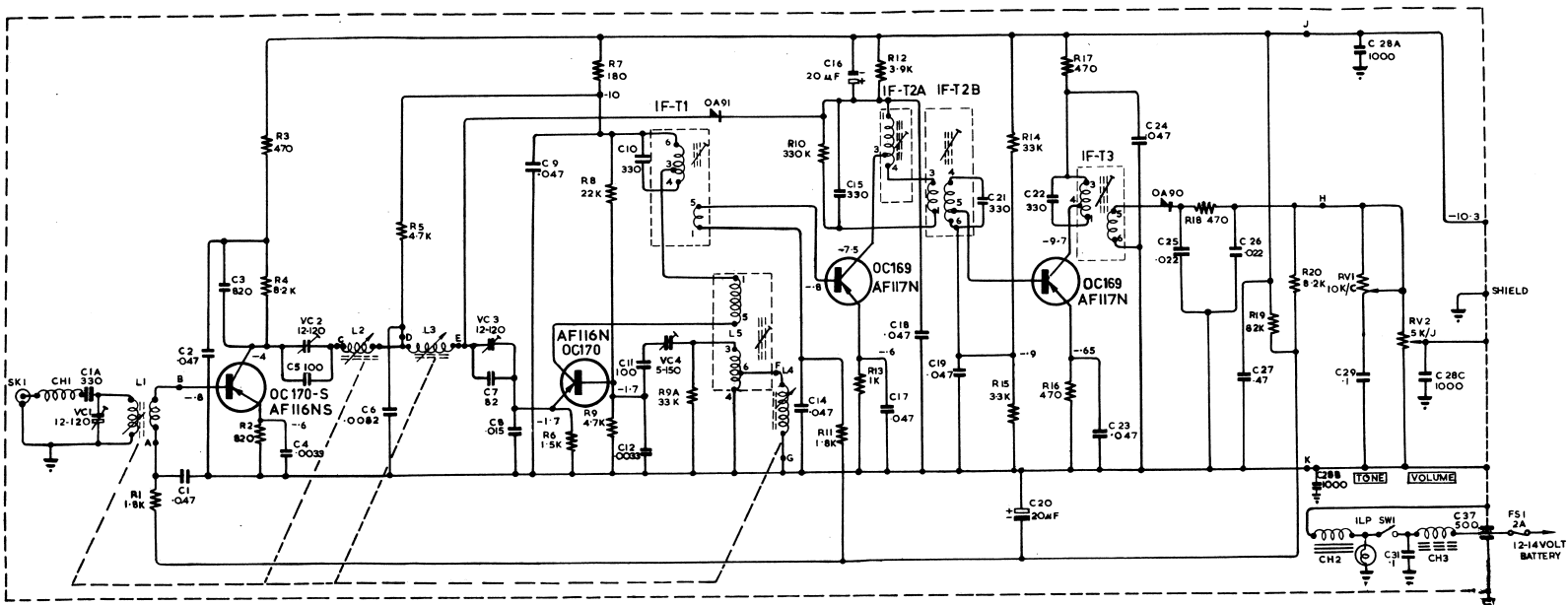
Normal suppression requirements are:

(1) A 15K ohms resistor, fitted into the HT lead from the ignition coil to the distributor, fitted as close as possible to the distributor cap.

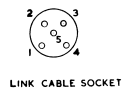
Most modern cars have this ignition sup-

pressor built into the HT cable and the cable marked "Radio Suppressed."

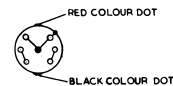
(2) A 0.5 uF condenser connected between the armature (large) terminal, on the generator, and the generator frame, or car chassis within 3 inches of the generator.



UNLESS OTHERWISE STATED
CAPACITOR VALUE MORE THAN 1=µF
CAPACITOR VALUE LESS THAN 1=NF
RESISTORS - R
K=1000 M=1000000



LINK CABLE SOCKET



POLARITY PLUG
CONNECTIONS VIEWED ON PLUG
BLACK SPOT TO ARROW FOR - EARTH
RED SPOT TO ARROW FOR + EARTH

VOLTAGE READINGS SHOWN HERE ARE WITH RESPECT TO
TUNER POSITIVE LINE WITH 13 VOLT BATTERY AS READ
ON 20,000 Ω VOLT METER WITH ZERO SIGNAL INPUT
TUNER FULLY IN