7. Turn tuning control to the low freq. end of travel (iron cores full in). Tune signal generator to approx. 525 Kc/s. The low freq. tuning limit should be between 515 and 528 Kc/s. If the receiver tunes outide these limits repeat operations 4, 5, 6 and 7.

8. Repeat Operation 5.

9. Align dial pointer as detailed on Page 5.

AERIAL COMPENSATING CONDENSER ADJUSTMENT

When the receiver is refitted to the car, the aerial trimmer condenser must be adjusted to ensure correct matching of the aerial to the receiver for maximum long distance reception.

A small knob attached to the trimmer condenser shaft is located on the passenger side of the receiver case.

To adjust the trimmer condenser, extend the aerial to half its fully extended height then tune the receiver to a barely audible distant station near 1200 Kc/s. Slowly turn the small knob in either direction for maximum volume of the signal.

For best results it should be adjusted in a locality free from interference from overload power lines, etc. Once the trimmer condenser has been set it should not require readjustment unless the receiver or aerial and lead-in cable have been moved or removed from the vehicle.

TRANSISTOR COLLECTOR CURRENT ADJUSTMENT

A plug P/No. 7171-015-01 is to be inserted into the jack socket located on the top of receiver. Before use, suitable heavy conductor leads are to be connected to the terminals of the plug.

Connect the leads from the plug to the terminals of an 0-1 amp. DC. meter. (positive terminal of meter connected to centre contact of jack plug).

Connect receiver battery lead to the positive terminal of a 13 volt DC. supply.

Switch receiver 'ON' and turn volume control to minimum position.

Allow a minimum of three minutes for thermal stabilization after initial switching on.

Carefully adjust bias rheostat so that transistor collector current is .510 amps.

NOTE 1: It is essential that the supply voltage be maintained at 13 volts when measuring the collector current.

NOTE 2: The transistor bias rheostat should be readjusted if the power transistor or P.T.C. resistors are replaced.