

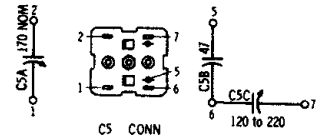
Circuit diagram of Model 849 below; circuit for Models 845 and 846 is on the next page, adjacent at right. Align-

Model 845
Model 846
Model 849

Dodge D66, D67, D70, D71, D72
DeSoto S25, S26, S27
Plymouth P30, P31

MODEL 849 SCHEMATIC DIAGRAM

NOTES
Capacitors - Decimal values in MF. All others in MME unless otherwise specified.
Voltages - Measured from point indicated to chassis with a VTVM. Tolerance $\pm 10\%$.
No signal input. Input voltage 13.2 VDC.



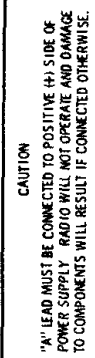
ALIGNMENT

Connect an output meter across the speaker voice coil. Set volume to maximum. Attenuate signal generator output to maintain 1.79 volts on output meter at all times.

STEP	GENERATOR CONNECTION	GENERATOR FREQUENCY (400 cycle mod)	TUNER SET TO	ADJUST	REMARKS
IF ALIGNMENT					
1.	12AD6 grid (pin 7) thru .1 mf capacitor & chassis	262.5 Kc	Hi end stop	1, 2, 3 & 4	Adjust for maximum.
RF ALIGNMENT					
2.	Ant recept thru dummy antenna (see Figure)	1610 Kc	Hi end stop	5, 6 & 7	Adjust for maximum.
NOTE: Do not perform steps 3, 4, 5 & 6 unless the tuner has been tampered with or components have been moved. Before proceeding with step 3, back tuning cores 1-3/8" out of coil. Their effect on the trimmer adjustments.					
3.	Ant recept thru dummy antenna (see Figure)	1610 Kc	Hi end stop	5, 6 & 7	Adjust for maximum.
4.	"	1020 Kc	49/64" from hi end stop	8, 9 & 10	Adjust for maximum. tool Part No. 66A76278
5.	"	1610 Kc	Hi end stop	5, 6 & 7	Adjust for maximum.
6. Repeat steps 4 and 5 until no further increase; then cement cores in place. Step 5 should be the last step.					
ANTENNA TRIMMER			Weak station around 1400 Kc	7	With radio installed in car and antenna fully extended, peak antenna trimmer for maximum.

NOTE: Do not perform steps 3, 4, 5 & 6 unless the tuner has been tampered with or components have been replaced. Re-move escutcheon to expose tuning cores. Before proceeding with step 3, back tuning cores 1-3/8" out of coils to eliminate their effect on the trimmer adjustments.

Mopar 919, used in 1957 DeSoto S25, S26, S27, is very similar.



TUBE CHECK - Substituting a known good tube for a suspected one is the best and only check recommended at this time.

TRANSISTOR REPLACEMENT - When replacing a transistor, set the transistor bias control resistor (R-24) to its maximum resistance position and be sure that the transistor mounting screws are securely tightened. Adhering to these precautions will prevent damage to the transistor from low bias and lack of heat dissipation. NOTE: After replacing a transistor, adjust the EMITTER current as explained under EMITTER CURRENT ADJUSTMENT.