

185.6 CU. IN. ENGINE

COMP. RATIO 7.5-1 8.0-1
 COMP. PRES. 130-150 PSI
 MAX. VAR. 10 PSI
 FIRING ORDER 1-5-3-6-2-4

IGNITION COIL

Auto Lite CAF4004

PRI. RES. 4.19-4.55 OHMS
 SEC. RES. 6500-7600 OHMS
 TEST SET LINE 4.5

BALLAST RESISTOR

NONE

CONDENSER CAPACITY

.21-.25 MFD

SPARK PLUGS

CHAMPION J7

GAP — .028-.033"
 TORQUE 25/30 FT/LBS

IDLE SPEED

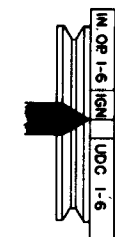
STAND. TRANS. 550
 AUTO. TRANS. 550 N

IGNITION TIMING

STAND. TRANS. 2° BTDC @ IDLE RPM
 AUTO. TRANS. 2° BTDC @ IDLE RPM
 DIST. VAC. LINE DISCONNECTED

IGNITION ADVANCE AT 2500 RPM

TOTAL 29½-37½°
 CENT. ONLY 13½-17½°



DISTRIBUTOR

Auto Lite IAT4201
 Rotation C.C.
 Spring Tension 17-20 Oz.
 Dwell 38-40°
 Gap .020"
 Dwell Variation 5° MAX.

DISTRIBUTOR MECHANICAL ADVANCE

DIST. DEG.	DIST. RPM	DIST. DEG.	DIST. RPM
	400	START	
	680	2°	
	975	4°	
	1265	6°	
	1400	8°	

VACUUM ADVANCE

DIST. DEG.	VAC.	DIST. DEG.	VAC.
		START	
	4"	1°	
	4¾"	4°	
	7½"	8°	
	11½"	10°	
	12"		

SECONDARY RESISTANCE — 3.0 MIN.

GENERATORS

STAND. GJC7002F
 Auto Lite
 A Circuit Type
 30A @ 15V Output
 2250 GEN. RPM
 1225 ENG. RPM
 Field Current 1.2-1.3A @ 10V @ 70°F

*STARTER
 RIDG 4103
 AUTO LITE
 CHRYSLER LITE*

BATTERY

50 AH NEG. GRD.
 CRANKING VOLTAGE
 MIN. 9.6V

REGULATORS

STAND. VRX6008A
 Auto Lite
 A Circuit Type
 13.0-13.75V Closing Volts
 3-5A Open Amps
 .03T-.034" Air Gap
 .015" Point Gap
 Volt Reg. Setting
 14.3-14.9V Air Gap
 .048-.052"
 Current Reg. Setting
 28-32A Air Gap
 .048-.052"

CHARGING CIRCUIT RESISTANCE

(Volts @ 20 Amps)
 INS. CIRC. .9V
 GRD. CIRC. .1V
 REG. GRD. .1V
 CHARGING VOLTAGE
 13.9-14.6V

FUEL PUMP

PRES.
 3½-5 PSI @ IDLE RPM
 VOL.
 1 PT.-60 SEC. @ IDLE RPM
 VAC.
 10" @ IDLE RPM