

426 CU. IN. ENGINE

ENGINE SERIAL NOS. VMP, VMP-H.C.

STAND. OPTIONAL
COMP. RATIO 11.1-1 12.5-1
COMP. PRES. 140-180 PSI 150-190 PSI
MAX. VAR. 25 PSI
FIRING ORDER 1-8-4-3-6-5-7-2

VALVE CLEARANCE — COLD
IN. .028" — EX. .032"

IGNITION COIL

CHRYSLER — 2495531
PRESTOLITE — 200759

PRI. RES. 1.65-1.79 OHMS @ 70°-80°F.
SEC. RES. 9400-11700 OHMS @ 70°-80°F.
TEST SET LINE 8

IGNITION CURRENT
ENGINE STOPPED 3.0A — IDLING 1.9A

BALLAST RESISTOR

CHRYSLER — 2095501
0.5-0.6 OHMS @ 70°-80°F.

CONDENSER CAPACITY

.25-.285 MFD

SPARK PLUGS

NORMAL — CHAMPION J10Y — GAP .035"
MAX. PERF. — CHAMPION J2J — GAP .025"
TORQUE — 30-32 FT./LBS.

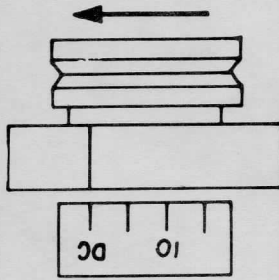
IDLE SPEED
SET WITH HEADLIGHTS ON HI BEAM
COMP. RATIO 11.0-1'900 RPM
COMP. RATIO 12.5-1 1300 — 1500 RPM

IGNITION TIMING

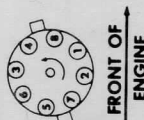
10° BTDC @ 800 RPM
34° BTDC @ 3000 RPM

IGNITION ADVANCE

AT 2500 ENGINE RPM
TOTAL 22°-26°
CENT. ONLY 22°-26°



SET TO SPECIFIED DEGREES



IDENTIFICATION NO. 2444335

PRESTOLITE DISTRIBUTOR CHRYSLER

IBB4202-A CHRYSLER 2444272

CC Rotation Spring Tension 30 Oz. Max.
27°-32° Each Dwell 34°-40° Both
.014"-.019" Gap .014"-.019"
2° (MAX.) Dwell Variation 2° (MAX.)

DISTRIBUTOR

MECHANICAL ADVANCE

IBB4202A 2444272
DIST. 0°
RPM 575 11°-13°
1030

VACUUM ADVANCE

IBB4202B 2444272
VAC. DIST. DEG.

NONE

SECONDARY RESISTANCE — 3.0 MIN.
HI TENSION WIRE RESISTANCE 30000 OHMS (MAX.)

IGNITION COIL

CHRYSLER — 2444241
ESSEX — 67-160-4

PRI. RES. 1.41-1.55 OHMS @ 70°-80°F.
SEC. RES. 9200-10600 OHMS @ 70°-80°F.
TEST SET LINE 8

IGNITION CURRENT

ENGINE STOPPED 3.0A — IDLING 1.9A

BALLAST RESISTOR

CHRYSLER 2095501
0.5-0.6 OHMS @ 70°-80°F.

BATTERY

12V 90 AH NEG. GRD.
CRANKING VOLTAGE
MIN. 9.6V

STARTER DRAW CRANKING 130A (MAX.)

ENGINE CRANKING SPEED

COLD — 35 RPM HOT — 120 RPM

STARTER FREE RUNNING CURRENT DRAW

90 AMPS @ 11 VOLTS 1925-2400 RPM (MIN.)

SOLENOID SWITCH CURRENT DRAW

PULL IN COIL
14.4-16.0 AMPS @ 6 VOLTS

HOLD IN COIL

11.5-12.6 AMPS @ 6 VOLTS

FUEL PUMP

PRES.

6-8 PSI @ 1500 RPM

VOL.

1 PT. 30 SEC. @ 1000 RPM

VAC.

FUEL LINE DISCONNECTED AT CARB.

10" @ 500 RPM

FUEL FILTERS

FUEL TANK — PLASTIC FILTER ON THE END
OF SUCTION TUBE

DISPOSABLE ELEMENT TYPE

IN LINE BETWEEN FUEL PUMP & CARB.

REPLACE EVERY 16000 MILES

OR ONCE EACH YEAR