

90 CU. IN. (1471cc)

ENGINE



Engine Code	Tune Up Label
-------------	---------------

FC, FG

Firing Order		1-3-4-2
Valve Clearance (Hot)	Int. .010"	Exh. .018"
Comp. Ratio		8.2-1
Comp. Pressure		142-184 psi
Max. Difference		42 psi

STARTING SYSTEM

BATTERY

Volts/Grd.	12V Neg.
Cranking Volts (Min.)	8.0V

Application	I.D. Code	AH	Cranking Power Watts at 0° F
Standard	42	54	
Optional			

CHARGING SYSTEM

BOSCH or MOTOROLA

Application	Rated Output
Standard	55A
Optional	
Operating Voltage	12.5-14.5V

IGNITION SYSTEM

BOSCH

SPARK PLUGS

BOSCH	W175T30
Gap	.028"
Torque	22 Ft.-Lb.

DISTRIBUTOR

All Models	055 905 205 B
Rotation	CW
Dwell	44°-50°
Coil Output (Min.)	20 KV

Note: 44-50° dwell = 49-55%.

IGNITION TIMING

Man. Trans.	3° ATDC at 850-1000 rpm
Auto. Trans.	3° ATDC at 850-1000 rpm

IGNITION ADVANCE

(Engine degrees at 2500 rpm)

Application	Cent. & Vac.	Cent. Only
055 905 205 B	24-36	15-19

FUEL SYSTEM

CARBURETOR ZENITH 2B2

Man. Trans.	055 129 017 B
Auto. Trans.	055 129 017 C

IDLE SPEED

Man. Trans.	850-1000
Auto. Trans.	850-1000

IDLE MIXTURE

Emission Level	HC(ppm)	CO(%)
		2.0

Accel. Pump Enrichment

CO Level Increase Snap throttle from 1000 rpm

FUEL PUMP - MECHANICAL

Pressure (At Idle)	2.5-3.5 psi
Volume (At Idle)	
Vacuum (At Idle)	

90 CU. IN. (1471cc)

AIR CONDITIONING SYSTEM		IGNITION SYSTEM				EMISSION CONTROLS			
COMPRESSOR	2 Cyl.	DISTRIBUTOR	BOSCH				Fed.	Cal.	Hi-Alt.
BELT TENSION		All Models	055 905 205 B			Catalytic Converter	X	X	
New		Rotation	CW			Positive Crankcase Ventilation	X	X	
Used		Dwell	44°-50°			Exhaust Gas Recirculation	X	X	
PRESSURES (At 2500 RPM)		MECHANICAL ADVANCE	VACUUM ADVANCE			EGR - Temperature Valve	X	X	
Discharge Side	150-170 PSI	Dist. No. 055 905 205 B				EGR - Two Way Valve	X	X	
Suction Side	14-30 PSI	Dist. RPM	Dist. Deg.	In. Vac.	Dist. Deg.	Air Injection	X	X	
REFRIGERANT CAPACITY	2.12 Lbs. R12	550-700	Start	8-10	Start	Diverter Valve	X	X	
		1100	7.5-9.5	14	5.5-7.5	Anti-Backfire Valve	X	X	
		1500	9-11		Retard	Dual Vacuum Distributor	X	X	
		2500	13-15	6-8	Start	Vacuum Delay Valve	X	X	
				10-12	4-4.5				