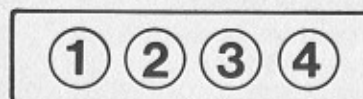


ENGINE



FRONT
OF
CAR

Engine Code Tune Up Label
EJ

Firing Order	1-3-4-2
Valve Clearance (Hot)	Int .010" Exh .018"
Comp. Ratio	8-1
Comp. Pressure	142-184 psi
Max. allowable difference between highest and lowest cylinders	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	45	
Optional	42	54	

CHARGING SYSTEM
BOSCH or MOTOROLA

Application	Rated Output
Standard	55A
(W/AC)	65A
Operating Voltage	12.5-14.5V

IGNITION SYSTEM
BOSCH

SPARK PLUGS

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

DISTRIBUTOR

All Models	049 905 205 A
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)

	Cent. & Vac.	Cent. Only
049 905 205 A	16-27	12-19

FUEL SYSTEM

BOSCH — FUEL INJECTION

	Man. Trans.	Auto. Trans.
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Federal Calif. High Alt.		
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IDLE SPEED

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

IDLE MIXTURE

Emission Level	HC(ppm)	CO(%)
Man.		1.5 max.
Auto.		1.0 max.
Calif.		.3 max.

Accel. Pump Enrichment

CO Level Increase	Snap throttle from 1000 rpm
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FUEL PUMP (Electric)

Pressure (At Idle)	64-74 psi
Volume (At Idle)	750 cc — 30 seconds
Vacuum (At Idle)	

97 CU. IN.

(1588cc)

FUEL INJECTION

AIR CONDITIONING SYSTEM

COMPRESSOR 2 Cyl.

BELT TENSION
New
Used

PRESSURES (At 2500 RPM)
Discharge Side 150-170 psi
Suction Side 14-30 psi

REFRIGERANT CAPACITY
2.12 Lbs. R12

FUEL INJECTION SYSTEM

Includes:

Electric Fuel Pump
Fuel Accumulator
Fuel Pressure Regulator
Injectors
Cold Start Valve
Auxiliary Air Regulator
Thermo-Time Switch
Air Flow Sensor

IGNITION SYSTEM

DISTRIBUTOR BOSCH
All Models 049 905 205 A
Rotation CW
Dwell 44-50°

MECHANICAL ADVANCE **VACUUM ADVANCE**
Dist. No. 049 905 205 A

Dist. RPM	Dist. Deg.	In. Vac.	Dist. Deg.
560-700	Start	8-10	Start
1000	5.5-9	12	2-4
2400	12-15		RETARD
2600	13-15	4-8	Start
		8-12	4-5

EMISSION CONTROLS

	Fed.	Cal.	Hi-Alt.
Catalytic Converter			X
Positive Crankcase Ventilation	X	X	
Exhaust Gas Recirculation	X	X	
EGR — Temperature Valve	X	X	
Two Way Valve (AC Only)	X	X	
Dual Vacuum Distributor	X	X	
Vacuum Check Valve (Auto Trans. Only)	X	X	
Deceleration Valve (Man. Trans. Only)	X		
EGR Vac Amplifier	X	X	

IGNITION COIL

Pri. Resistance	1.7-2.1 ohms
Sec. Resistance	ohms
Ballast Resistor Wire	0.85-0.95 ohms

HI TENSION WIRE RESISTANCE

Secondary wire resistance	10,000 ohms max.
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