

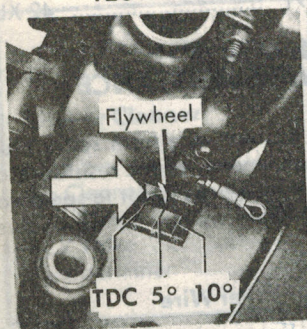
TUNE-UP (Cont.)

DISTRIBUTOR

Point Gap.....	① .015-.017" (.37-.43 mm)
Cam Angle.....	55±3°
Breaker Arm Spring Tension	
124 & 131 Models.....	② 19.4±1.8 ozs. (550±50 g)
128 & X 1/9 Models.....	15.9±1.8 ozs. (450±50 g)
Condenser Capacity	
124 & 131 Models.....	.20-.25 mfd.
128 & X 1/9 Models.....	.22-.23 mfd.

- ① — On models with dual point distributors, set secondary point gap to .012-.019" (.31-.49 mm).
- ② — Tension on secondary points should be 14.1±1.8 ozs. (400±50 g).

128 Models



124, 131 & X1/9 Models

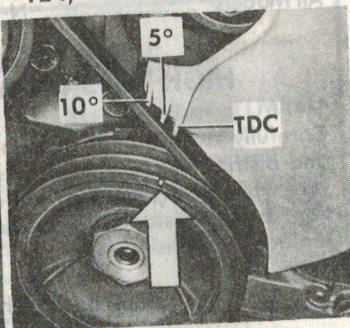


Fig. 3 Ignition Timing Mark Location

IGNITION TIMING

Check or adjust ignition timing with engine at normal operating temperature, Man. Trans. in neutral or Auto. Trans. in "D" and point gap and idle speed set to specifications. To adjust timing, align mark on drive pulley or flywheel with specified pointer by turning distributor.

Ignition Timing Specifications

Application	Timing
131	
Man. Trans.....	TDC
Federal.....	5° BTDC
Calif.	5° BTDC
Auto. Trans.	TDC
All Others	TDC

IGNITION

DISTRIBUTOR

All 124 and 131 models are equipped with Marelli dual point distributors. All 128 and X 1/9 models are equipped with Ducellier single point distributors.

Other Data & Specifications — See Tune-Up, Marelli & Ducellier Distributors in ELECTRICAL Section.

IDLE SPEED & MIXTURE

1) With engine at normal operating temperature and ignition timing set to specification, connect a tachometer and exhaust gas analyzer. Disconnect or pinch off air injection hose.

2) With Man. Trans. in neutral or Auto. Trans. in "D", turn idle speed adjusting screw to obtain specified idle RPM. Then, turn mixture adjusting screw to obtain specified CO%. Recheck idle speed.

3) Reconnect or unpinch air injection hose. Idle speed should increase by 50 RPM.

Idle Speed (RPM) & CO Level (%)

Application	Idle RPM	CO%
Man. Trans.	800-850	1.5-2.5
Auto. Trans.	① 700-750	1.5-2.5

① — Transmission in "D".

COLD (FAST) IDLE RPM

124 & 131 MODELS ONLY

To adjust fast idle RPM, depress button on firewall in engine compartment, which energizes control electrovalve, and turn fast idle adjusting screw until engine RPM is within specifications.

Fast Idle RPM

Application	RPM
124	1550-1650
131	1550-1650
Man. Trans.	① 1250-1350
Auto. Trans.	

① — Transmission in "N".

EMISSION CONTROL SYSTEMS

See Mitchell Manuals' Emission Control Manual.

GENERAL SERVICING

IGNITION COIL

Resistance

Ohms at 68°F (20°C)

Primary	
Bosch Coil	2.6-3.1
Marelli Coil	3.2-3.4
Martinetti Coil	3.0-3.3
Secondary	
Bosch Coil	8,500-12,000
Marelli Coil	9,000-11,000
Martinetti Coil	6,500-8,000