

AVANTI - ENGINE TUNE-UP SPECIFICATIONS

USE UNLEADED GASOLINE ONLY

<u>ENGINE</u>	305 CU. IN. (5.0 LITRES)
<u>HORSEPOWER</u>	155 @4000 R.P.M.
<u>COMPRESSION PSI (NOTE 1)</u>	160
<u>SPARK PLUGS</u>	
<u>MAKE AND NUMBER</u>	AC-R45TS
<u>GAP</u>	.045
<u>DELCO IGNITION SYSTEM</u>	
<u>DELCO IGNITION DISTRIBUTOR</u>	DELCO-REMY NO. 11034431
<u>AIR CLEANER</u>	PAPER ELEMENT (AC TYPE A348C) - CHECK EVERY 15,000 MILES - REPLACE AT 30,000 MILES (DO NOT ATTEMPT TO CLEAN)
<u>TAPPET ADJUSTMENT</u>	
<u>INLET</u>	HYDRAULIC
<u>EXHAUST</u>	HYDRAULIC
<u>IGNITION TIMING - B.T.D.C.</u>	
<u>NOMINAL</u>	6° @ 500 R.P.M.
<u>ENGINE IDLE - R.P.M.</u>	
<u>SOLENOID INACTIVE</u>	500 (IN DRIVE)
<u>SOLENOID ACTIVE</u>	600 (IN DRIVE)
<u>POSITIVE CRANKCASE VENTILATION SYSTEM</u>	
<u>PCV VALVE (AC TYPE CV774C)</u>	REPLACE AT 30,000 MILE INTERVALS. REPLACE WORN OR PLUGGED HOSES.
<u>PCV FILTER (AC TYPE FB59)</u>	REPLACE EVERY 30,000 MILES.

<u>OIL PRESSURE AT 2000 R.P.M. 32 - 40 LBS.</u>	<u>ENGINE OIL - 4 QTS. WITHOUT FILTER</u>
<u>RECOMMENDATIONS: OIL CHANGE & LUBRICATION AT 7500 MILE INTERVALS - OIL FILTER</u>	<u>CARTRIDGE CHANGE - 5</u>
<u>CARTRIDGE (AC TYPE PF25) - CHANGE AT EVERY</u>	<u>QTS. WITH FILTER</u>
<u>SECOND OIL CHANGE</u>	<u>CARTRIDGE CHANGE</u>

NOTE 1: PSI AT CRANKING SPEED, THROTTLE WIDE OPEN MAXIMUM VARIATIONS, 20 PSI BETWEEN CYLINDERS

FUEL OCTANE RATING REQUIREMENTS

FEDERAL REGULATIONS REQUIRE THAT PUMPS DELIVERING UNLEADED GASOLINE BE LABELED WITH THE WORD "UNLEADED" AND THAT THE OCTANE RATINGS BE POSTED ON THE PUMPS. THE OCTANE RATING SHOWN IS AN AVERAGE OF RESEARCH OCTANE (R) AND MOTOR OCTANE (M). IN MOST PARTS OF THE UNITED STATES YOU SHOULD USE UNLEADED GASOLINE WITH AN OCTANE RATING OF AT LEAST 87. HOWEVER, YOU MAY USE UNLEADED GASOLINE WITH AN OCTANE RATING AS LOW AS 85 IN HIGH ALTITUDE AREAS. USING UNLEADED GASOLINE WITH AN OCTANE RATING LOWER THAN STATED ABOVE CAN CAUSE A PERSISTANT, HEAVY "SPARK KNOCK" WHICH COULD LEAD TO ENGINE DAMAGE.