

TUNE-UP

Saab 95 & 96 (1967-73)

Saab 97 Sonett III (1967-73)

Saab Monte Carlo (1967)

Saab Deluxe (1968-69)

ENGINE IDENTIFICATION

Engine number is stamped on upper left block surface. Engines previous to 1968 are originally painted either silver or black. Engines from 1968 are originally painted blue.

MODEL IDENTIFICATION

VEHICLE IDENTIFICATION NUMBER

Sonett — On 1967-69 models, identification plate is located under hood on left side near radiator. On 1970-73 models, identification plate is located in left corner of engine compartment. The 1973 identification plate indicates: model, year, manufacturing plant and serial number.

All Others — On 1967-72 models, identification plate is located on left side of back seat crossmember. On 1973 models, identification tag is stamped on a metal tag and affixed to left corner of firewall. The 1973 identification tag indicates: model, year, manufacturing plant and serial number.

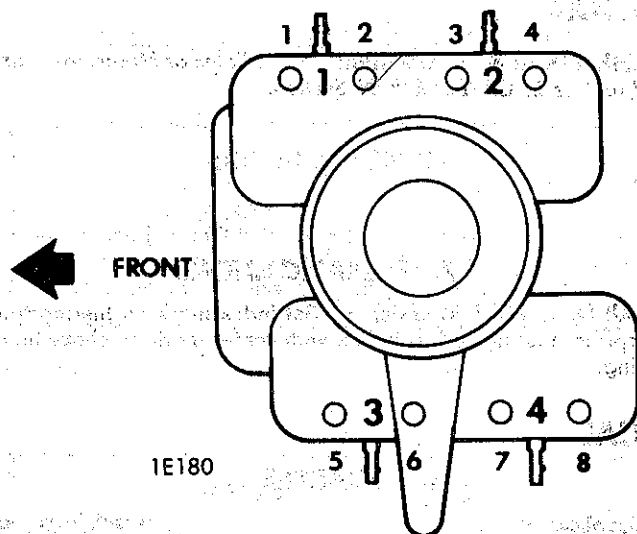
COMPRESSION PRESSURE

With all spark plugs removed, engine at normal operating temperature and throttle wide open, normal compression should be 160-170 psi.

VALVE TAPPET CLEARANCE

To adjust valves: rotate crankshaft until rocker arms on number four cylinder start to move (rock); adjust valves 1, 2, 4 and 6. Rotate crankshaft until rocker arms on number one cylinder start to move (rock); adjust valves 3, 5, 7 and 8.

Application	Intake	Exhaust
All Models (Cold)	.014" (.35mm)	.016" (.40mm)



VALVE NUMBERING SEQUENCE

VALVE ARRANGEMENT

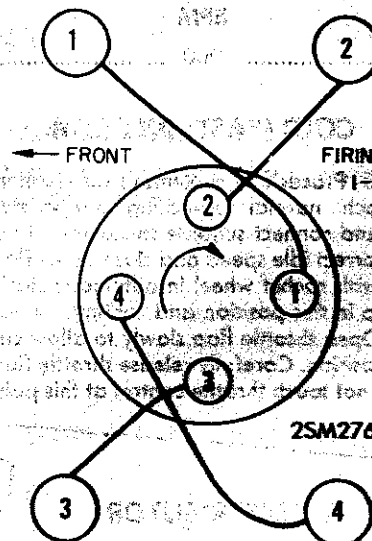
Right Bank — I-E-E-I (front to rear).
Left Bank — I-E-E-I (front to rear).

SPARK PLUGS

Gap 024-.028" (.6-.7 mm)
Torque 22-29 ft. lbs. (3-4 kgm)

Spark Plug Type

Application	Bosch No.	Champion No.
1967-68	W225 T35	L82 Y
1968-72	W145 T30	
1973	W200 T30	N11 Y



FIRING ORDER

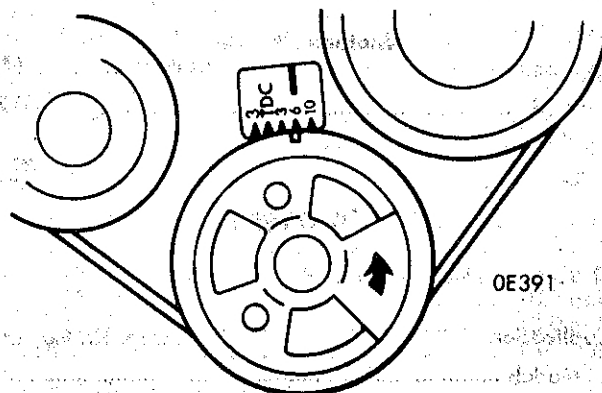
DISTRIBUTOR

Point Gap016" (.4 mm)
Cam Angle 50±2°
Breaker Arm Spring Tension 14-19 oz. (400-530 gm)

IGNITION TIMING

Set timing at specified RPM with distributor vacuum line disconnected and plugged.

Application	Degrees @ RPM
1967 Models	6° BTDC @ 500
1968 Models	10° BTDC @ 800
1969-70 Models	6° BTDC @ 900
1971-73 Models	3° BTDC @ 800



TIMING MARKS