

C - SPECIFICATIONS

Article Text

1993 Volkswagen Corrado

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Wednesday, March 22, 2000 08:58PM

ARTICLE BEGINNING

1993 ENGINE PERFORMANCE
Service & Adjustment Specifications

Corrado SLC

INTRODUCTION

Use this article to quickly find specifications related to servicing and on-vehicle adjustments. This is a quick-reference article to use when you are familiar with an adjustment procedure and only need a specification.

CAPACITIES

BATTERY SPECIFICATIONS

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Application	Amp Hr. Rating
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Corrado SLC	63
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FLUID CAPACITIES

AA

Application	Quantity
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Auto. Trans. (Dexron-II)	
Dry Fill	(1)
Refill (Oil Change)	(1)
Cooling System (Includes Heater)	9.1 Qts. (8.6L)
Crankcase (Includes Filter)	6.3 Qts. (6.0L)
Man. Transaxle (SAE 75-80/API	
GL-4 Or SAE 75W-90, G50	
Synthetic Gear Oil)	2.1 Qts. (2.0L)

(1) - Information is not available from manufacturer.

AA

QUICK-SERVICE

SERVICE INTERVALS & SPECIFICATIONS

REPLACEMENT INTERVALS

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Component	Miles
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Air Filter	30,000
Coolant	30,000
Fuel Filter (1)	15,000
Oil & Filter	7500

C - SPECIFICATIONS

Article Text (p. 2)

1993 Volkswagen Corrado

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Spark Plugs 30,000

(1) - Discard mini-fuel filter at 1000-mile maintenance interval. Install new copper gaskets.

AA

BELT ADJUSTMENT

AA

Application	Specification
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Serpentine Belt (1)

(1) - Serpentine belt tension is automatically adjusted by the tensioner.

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MECHANICAL CHECKS

ENGINE COMPRESSION

COMPRESSION SPECIFICATIONS

AA

Application	Specification
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Compression Ratio 10.0:1

Compression

Pressure 157-186 psi (11.0-13.0 kg/cm²)

Minimum Compression Pressure ... 106 psi (7.5 kg/cm²)

Maximum Variation

Between Cylinders 43 psi (3.0 kg/cm²)

AA

VALVE CLEARANCE

NOTE: All models are equipped with hydraulic lifters. No adjustments are required.

IGNITION SYSTEM

IGNITION COIL

IGNITION COIL RESISTANCE - Ohms @ 68°F (20°C)

AA

Application	Primary	Secondary
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Corrado SLC (1)

(1) - Ignition coil pack, new for 1993, is located on left side of cylinder head. When ignition coil is triggered, spark is supplied to 2 spark plugs at one time. One spark plug fires during compression stroke and the other plug fires during exhaust

C - SPECIFICATIONS

Article Text (p. 3)

1993 Volkswagen Corrado

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Wednesday, March 22, 2000 08:58PM

stroke (waste spark). Ignition coil specifications are not available from manufacturer.

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HIGH TENSION WIRE RESISTANCE

HIGH TENSION WIRE RESISTANCE

AA

Application	Ohms
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Corrado SLC	(1)
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(1) - Information is not available from manufacturer.

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SPARK PLUGS

SPARK PLUG TYPE

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Application	Bosch
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Corrado SLC	C9MCC
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SPARK PLUG SPECIFICATIONS

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Application	Gap In. (mm)	Torque Ft. Lbs. (N.m)
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Corrado SLC028-.031 (.70-.80)	18 (25)
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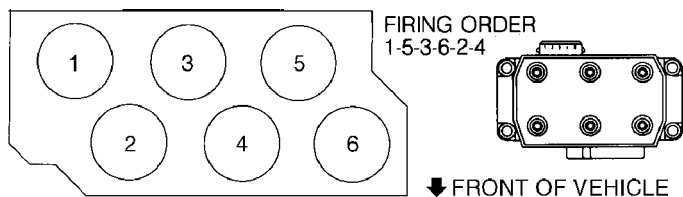
AA

FIRING ORDER & TIMING MARKS

NOTE: To identify firing order and distributor rotation, see Fig. 1.

Corrado SLC

Ignition coil pack, new for 1993, is located on left side of cylinder head. When ignition coil is triggered, spark is supplied to 2 spark plugs at one time. One spark plug fires during compression stroke and the other plug fires during exhaust stroke (waste spark).



93H79688

Fig. 1: Firing Order & Distributor Rotation (2.8L)

Courtesy of Volkswagen United States, Inc.

C - SPECIFICATIONS

Article Text (p. 4)

1993 Volkswagen Corrado

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IGNITION TIMING

NOTE: Always refer to underhood label for latest specifications.

IGNITION TIMING (Degrees BTDC @ RPM)

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Application	Checking	Adjusting
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Corrado SLC (1) (1)
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(1) - Ignition timing is computer controlled.

Information is not available from manufacturer.

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IGNITION TIMING ADVANCE (Degrees BTDC @ RPM)

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Application	Specification
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Corrado SLC (1)
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(1) - Ignition timing advance is computer controlled.

Information is not available from manufacturer.

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FUEL SYSTEM

FUEL PUMP

NOTE: Fuel pump performance measures fuel pressure and volume availability, not regulated fuel pressure.

FUEL PUMP PERFORMANCE

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Application	Pressure psi (kg/cm ²)	Min. Vol. In 30 Sec. Pts. (L)
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Corrado SLC (1) 58 (4.0) 1.0-1.4 (0.5-0.7)
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(1) - Using Adapter Cable (VAG 1348/3-2) between battery positive terminal and terminal No. 4 of fuel pump relay socket. Fuel pump energized, with 10-12 volts at fuel pump and engine off.

AA

REGULATED FUEL PRESSURE

AA

Application	At Idle w/Vacuum psi (kg/cm ²)	At Idle w/o Vacuum (1) psi (kg/cm ²)
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Corrado SLC 50 (3.5) 58 (4.0)
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(1) - With vacuum hose disconnected from fuel pressure regulator.

C - SPECIFICATIONS

Article Text (p. 5)

1993 Volkswagen Corrado

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INJECTOR RESISTANCE

INJECTOR RESISTANCE SPECIFICATIONS

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Application	Ohms
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Corrado SLC 15.0-21.5
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IDLE SPEED & MIXTURE

IDLE SPEED & CO LEVEL

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Application	Idle RPM	CO Level %
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Corrado SLC (1) 650-750 0.3-1.5
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(1) - Idle speed and fuel mixture (CO level) are not adjustable.

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DASHPOT SPECIFICATION

Corrado SLC

Gap between limiter (stop) screw and throttle lever must be 0.10-0.14" (2.5-3.5 mm).

END OF ARTICLE