# **C - SPECIFICATIONS**

1995 Volvo 850

1995 ENGINE PERFORMANCE Volvo - Service & Adjustment Specifications

## **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

Application	Cold Cranking Amp. Rating
850	440 Or 520
FLUID CAPACITIES	
Application	Qts. (L)
Crankcase (Includes Filter) Cooling System (Includes Heater) M/T (M56L) Volvo Synthetic Gearboo A/T (AW 50) (1)	X Oil (97308) 2.2 (2.1) 8.0 (7.6)

# QUICK-SERVICE

# SERVICE INTERVALS & SPECIFICATIONS

# REPLACEMENT INTERVALS

Component	Miles
Air Filter Timing Belt Coolant EGR	30,000 70,000 (1)
Inspect Clean (2) Fuel Filter Oil & Filter	60,000 100,000 60,000
Normal Service Severe Service PCV (Inspect & Clean) Spark Plugs	10,000 5000 60,000 30,000

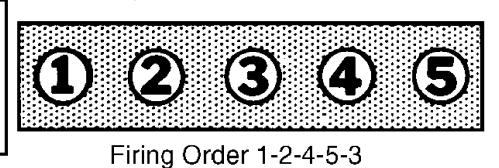
- (1) Coolant replacement interval is no longer recommended by manufacturer.
- (2) After 100,000 mile EGR service, clean every 20,000 miles.

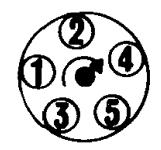
BELT ADJUSTMENT		
Application	Specifi	cation
850		. (1)
(1) - No adjustment is a self-tensioner.	necessary, vehicle is equipped	with
MECHANICAL CHECK	<b>(S</b>	
ENGINE COMPRESSI	ON	
COMPRESSION SPECIFICATI	CONS	
Application	Specifi	cation
Compression Ratio		10.5:1
VALVE CLEARANCE  NOTE: Equipped with  IGNITION SYSTEM  IGNITION COIL	hydraulic lifters.	
NOTE: Equipped with  IGNITION SYSTEM  IGNITION COIL  IGNITION COIL RESISTANCE	CE - Ohms @ 68°F (20°C)	ondary
NOTE: Equipped with  IGNITION SYSTEM  IGNITION COIL	CE - Ohms @ 68°F (20°C) Primary Sec	ondary 8400
NOTE: Equipped with  IGNITION SYSTEM  IGNITION COIL  IGNITION COIL RESISTANC  Application	CE - Ohms @ 68°F (20°C) Primary Sec	_
NOTE: Equipped with  IGNITION SYSTEM  IGNITION COIL  IGNITION COIL RESISTANC  Application  Non-Turbo	CE - Ohms @ 68°F (20°C) Primary Sec	8400
NOTE: Equipped with  IGNITION SYSTEM  IGNITION COIL  IGNITION COIL RESISTANCE  Application  Non-Turbo	EE - Ohms @ 68°F (20°C)  Primary Sec5	8400
NOTE: Equipped with  IGNITION SYSTEM  IGNITION COIL  IGNITION COIL RESISTANCE  Application  Non-Turbo	EE - Ohms @ 68°F (20°C)  Primary Sec	8400
NOTE: Equipped with  IGNITION SYSTEM  IGNITION COIL  IGNITION COIL RESISTANCE  Application  Non-Turbo  SPARK PLUGS  SPARK PLUG TYPE  Application  Non-Turbo  SPARK PLUG SPECIFICATIO  Application	CE - Ohms @ 68°F (20°C)  Primary Sec	ampion RC9YC

# FIRING ORDER

Refer to illustration for firing order and distributor rotation. See Fig. 1.  $\,$ 

# Front Of Vehicle





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93A78089 Fig. 1: Firing Order & Distributor Rotation

## **IGNITION TIMING**

IGNITION TIMING (Degrees BTDC @ RPM)

#### **FUEL SYSTEM**

## **FUEL PUMP**

#### FUEL PUMP PERFORMANCE (1)

Application	Pressure psi (kg/cm²)	Volume In 30 Sec. Pts. (L)
850	43.5 (3.06)	1.1 (.52)
(1) - At 12 volts, pump relay by		with engine off and fuel

## **IDLE SPEED & MIXTURE**

#### IDLE SPEED & CO LEVEL (1)

Application	Idle RPM	(2) CO Level
850	(3) 850	. (3) .28%

- (1) Idle speed/CO level can only be checked, not adjusted.
- (2) Measured upstream of catalytic converter with oxygen sensor connected.
- (3) With cooling fan off.

## **FAST IDLE**

NOTE: All idle speeds are controlled by electronic control unit.

Specifications on fast idle not at time of publication.

# THROTTLE SWITCH

See the D - ADJUSTMENTS article for switch adjustments.