

## C - SPECIFICATIONS

### Article Text

1990 Volkswagen Corrado

For Volkswagen Technical Site: <http://vw.belcom.ru>

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Thursday, March 23, 2000 09:43PM

### ARTICLE BEGINNING

1990 ENGINE PERFORMANCE  
Volkswagen C - Specifications

All Models

### INTRODUCTION

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

### BATTERY SPECIFICATIONS TABLE

#### BATTERY SPECIFICATIONS TABLE

AA

| Application | Amp Hr. Rating |
|-------------|----------------|
|-------------|----------------|

|                                   |    |
|-----------------------------------|----|
| Cabriolet, Fox, Jetta & Jetta GLi |    |
| Without A/C .....                 | 54 |
| With A/C .....                    | 63 |
| Corrado .....                     | 63 |
| Golf GL/GTI 1.8L, & Vanagon ..... | 63 |

AA

### FLUID CAPACITIES TABLE

#### FLUID CAPACITIES TABLE

AA

| Application | Quantity<br>Qts. (L) |
|-------------|----------------------|
|-------------|----------------------|

|   |               |
|---|---------------|
| Auto. Transaxle (Dexron-II) .....             | (1) 3.2 (3.0) |
| Auto. Transaxle Final Drive (SAE 90/API GL-5) |               |
| Except Vanagon .....                          | .8 (.76)      |
| Vanagon .....                                 | 1.4 (1.3)     |

|                                  |             |
|----------------------------------|-------------|
| Cooling System (Includes Heater) |             |
| Cabriolet .....                  | 5.1 (4.8)   |
| Corrado .....                    | 6.0 (5.5)   |
| Fox .....                        | 6.9 (6.5)   |
| Golf GL/GTI (1.8L) .....         | 7.3 (7.0)   |
| Jetta GLi (2.0L) .....           | 5.1 (4.8)   |
| Jetta .....                      | 5.1 (4.8)   |
| Vanagon .....                    | 18.4 (17.5) |

|                             |           |
|-----------------------------|-----------|
| Crankcase (Includes Filter) |           |
| Fox .....                   | 3.7 (3.5) |
| Vanagon .....               | 4.8 (4.5) |

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## COMPRESSION SPECIFICATIONS TABLE

### COMPRESSION SPECIFICATION TABLE

| AA |                           |             |                   |
|--|---------------------------|-------------|-------------------|
| Application  | Compression Pressure      |             | Compression Ratio |
|  | psi (kg/cm <sup>2</sup> ) |             |                   |
| Cabriolet .....  | 131-174                   | (9.0-12.0)  | 8.5:1             |
| Corrado .....  | 116-174                   | (8.0-12.0)  | 8.0:1             |
| Fox .....  | 131-174                   | (9.0-12.0)  | 9.0:1             |
| Golf GL/GTI .....  | 131-174                   | (9.0-12.0)  | 10.0:1            |
| Jetta .....  | 131-174                   | (9.0-12.0)  | 10.0:1            |
| Jetta GLi .....  | 145-190                   | (10.0-13.0) | 10.0:1            |
| Vanagon .....  | 145-190                   | (10.0-13.0) | 9.0:1             |
| AA |                           |             |                   |

## VALVE CLEARANCE

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

NOTE: Right and left sides refer to engine, as viewed from flywheel.

## VALVE ARRANGEMENT

### 1.8L & 2.0L

Left Side - All Intake  
Right Side - All Exhaust

### 2.1L

Both Banks - E-I-I-E

## IGNITION COIL RESISTANCE TABLE

### IGNITION COIL RESISTANCE TABLE (1)

| AA |         |  |           |
|--|---------|--|-----------|
| Application  | Primary |  | Secondary |
| Jetta GLi .....  | .60-.70 |  | 6500-8500 |
| All Other Models .....   | .52-.76 |  | 2400-3500 |

(1) - Ohms @ 68°F (20°C).

AA

## HIGH TENSION WIRE RESISTANCE TABLE

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#### HIGH TENSION WIRE RESISTANCE TABLE

Application

Ohms

##### Vanagon

|                           |           |
|---------------------------|-----------|
| Coil Wire With Connectors | 1200-2800 |
| Spark Plug Wire/Connector | 4600-7400 |
| Spark Plug Connector      | 4000-6000 |
| Suppressor (1)            | 600-1400  |

##### All Other Models

|                            |           |
|----------------------------|-----------|
| Coil Wire Only             | (1)       |
| Coil Wire With Connector   | 1600-2400 |
| Spark Plug Wire/ Connector | 4000-6000 |
| Suppressor (2)             | 600-1400  |

(1) - Check for continuity.

(2) - Suppressor is located between ignition wire and distributor cap.

#### SPARK PLUG TYPE TABLE

##### SPARK PLUG TYPE TABLE

Application

Bosch

Champion

|                    |       |       |
|--------------------|-------|-------|
| Cabriolet          | W7DTC | N7BYC |
| Corrado            | WR7DS | N8GY  |
| Fox                | WR7DS | N8GY  |
| Golf GL/Jetta 1.8L | WR7DS | N8GY  |
| Jetta GLi 2.0L     | F6DSR | N8GY  |
| Vanagon            | W7CCO | N288  |

#### SPARK PLUG SPECIFICATIONS TABLE

##### SPARK PLUG SPECIFICATIONS TABLE

Application

Gap

Torque

In. (mm)

Ft. Lbs. (N.m)

All Models .028-.032 (.70-.80) 14 (19)

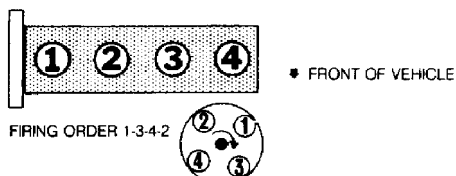


Fig. 1: 1.8L & 2.0L Firing Order & Distributor Rotation  
Courtesy of Volkswagen United States, Inc.





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#### INJECTOR RESISTANCE SPECS TABLE

##### INJECTOR RESISTANCE SPECIFICATIONS TABLE

Application Ohms

Vanagon ..... 16.0-16.4  
All Other Models ..... (1) 3.7-5.0

(1) - Resistance measured at main electrical connector on the end  
of fuel rail.

#### IDLE SPEED & MIXTURE SPECS TABLE

##### IDLE SPEED & CO LEVEL TABLE

Application Idle RPM CO Level

Cabriolet ..... 850-1000 ..... 0.3-1.2%  
Fox ..... 800-1000 ..... 0.3-1.2%  
Golf ..... 800-1000 ..... 0.3-1.2%  
Golf GT ..... 800-900 ..... 0.3-1.2%  
GTI ..... 800-1000 ..... 0.3-1.2%  
Jetta ..... 800-1000 ..... 0.3-1.2%  
Vanagon ..... 830-930 ..... 0.3-1.2%

END OF ARTICLE