

MAINTENANCE INFORMATION

Article Text

1987 Volkswagen Quantum/Quantum Syncro

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ARTICLE BEGINNING

1983-88 MAINTENANCE

Volkswagen Maintenance Information

1983-88 Quantum,

1986-88 Quantum Syncro

* PLEASE READ THIS FIRST *

NOTE: For scheduled maintenance intervals and the related fluid capacities, fluid specifications and labor times for major service intervals, see SCHEDULED SERVICES article below:

* SCHEDULED SERVICES - GASOLINE

* SCHEDULED SERVICES - TURBO DIESEL

Warranty information and specifications for fluid capacities, lubrication specifications, wheel and tire size, and battery type are covered in this article.

MODEL IDENTIFICATION

VIN LOCATION

The Vehicle Identification Number (VIN) is located on the left side of the dash panel at the base of the windshield. The VIN chart explains the code characters.

VIN CODE ID EXPLANATION

Numbers preceding the explanations in the legend below refer to the sequence of characters as listed on VIN identification label. See VIN example below.

UAAA;
3 (VIN) W V W A G 9 3 3 2 F N 0 9 9 7 1 7 3
3 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 3
AAU

1 - Manufacturing Country

W * Germany

3 * Mexico

9 * Brazil

2-3 - Manufacturer

VW * Volkswagen

4 - Series

A * 2-Door Base (1983)

C * 2-Door GL (1983)

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E * 4-Door Base (1983)
E * 4-Door Wagon Base (1983)
F * 4-Door GL (1984-86)
F * 4-Door GL (1986.5-88)
F * 4-Door Wolfsburg (1984)
G * 4-Door GL (1983)
G * 4-Door Wagon GL (1983-85)
G * 4-Door Wolfsburg Wagon GL (1984)

5 - Engine

A * 1.7L 4-Cyl. FI Gas, 74 HP (1983 Base)
B * 2.1L 5-Cyl. Gas, 100 HP (1983-84 GL)
B * 2.2L 5-Cyl. Gas, 110 HP (1985-88 GL)
B * 2.2L 5-Cyl. Gas, 115 HP (1986-88 Syncro)
C * 1.8L 4-Cyl. FI Gas, 88 HP (1984-85)
H * 1.6L Turbo Diesel 68 HP (1983-85)

6 - Restraint System

0 * Active
9 * Passive

7-8 - Model

16 * Quantum Synchro Wagon 4WD (1986.5-88)
32 * Quantum 2 Door (1983)
32 * Quantum 4 Door (1983-88)
33 * Quantum Wagon (1983-88)

9 - VIN Check Digit

2 * Computer Selected Check Number

10 - Vehicle Model Year

D * 1983
E * 1984
F * 1985
G * 1986
H * 1987
J * 1988

11 - Assembly Plant

A * Ingolstadt
B * Brussels
E * Emden
G * Graz
H * Hanover
K * Osnabruk
M * Mexico
N * Neckarsulm
P * Brazil
S * Stuttgart
W * Wolfsburg

12-17 - Serial Number

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- * Sequential Production Number

MAINTENANCE SERVICE INFORMATION

SEVERE & NORMAL SERVICE DEFINITIONS

NOTE: Use the Severe Service schedule if the vehicle to be serviced is operated under ANY (one or more) of these conditions:

Service is recommended at mileage intervals based on vehicle operation. Service schedules are based on the following primary operating conditions:

Normal Service

- * Driven More Than 10 Miles Daily
- * No Operating Conditions From Severe Service Schedule

Severe Service (Unique Driving Conditions)

- * Short Trips (10 Miles) In Freezing Temperatures
- * Towing Or Heavily Loaded
- * Severe Dust Conditions
- * Hot Weather, Stop-And-Go Driving
- * Extensive Idling Conditions (Taxi Or Delivery Service)

CAMSHAFT TIMING BELT

CAUTION: Failure to replace a faulty camshaft timing belt may result in serious engine damage.

The condition of camshaft drive belts should always be checked on vehicles which have more than 50,000 miles. Although some manufacturers do not recommend belt replacement at a specified mileage, others require it at 60,000-100,000 miles. A camshaft drive belt failure may cause extensive damage to internal engine components on most engines, although some designs do not allow piston-to-valve contact. These designs are often called "Free Wheeling".

Many manufacturers changed their maintenance and warranty schedules in the mid-1980's to reflect timing belt inspection and/or replacement at 50,000-60,000 miles. Most service interval schedules in this manual reflect these changes.

Belts or components should be inspected and replaced if any of the following conditions exist:

- * Cracks Or Tears In Belt Surface
- * Missing, Damaged, Cracked Or Rounded Teeth
- * Oil Contamination
- * Damaged Or Faulty Tensioners
- * Incorrect Tension Adjustment

Manufacturer recommends inspecting camshaft timing belt at

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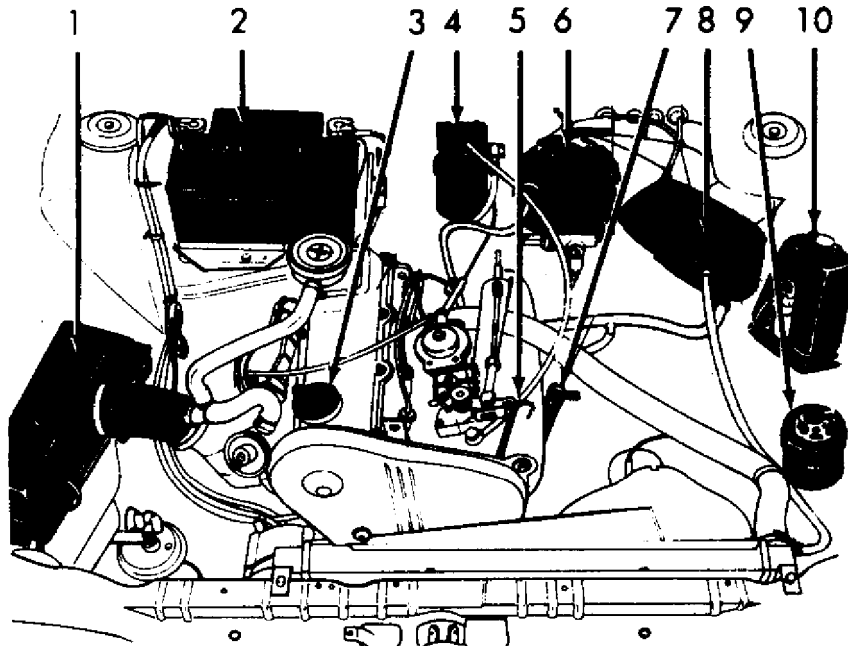
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20,000 mile intervals, and replacement as necessary.

SERVICE POINT LOCATIONS



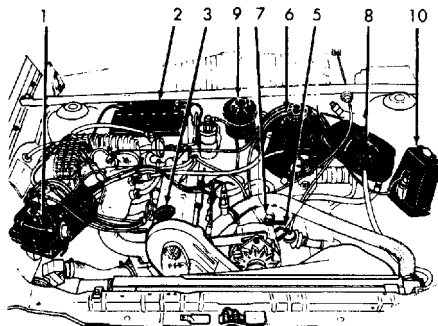
DIESEL ENGINE

- | | |
|--------------------------|----------------------------------|
| 1. Air Cleaner | 6. Brake Fluid Reservoir |
| 2. Battery | 7. ATF Dipstick |
| 3. Engine Oil Filler Cap | 8. Engine Coolant Expansion Tank |
| 4. Fuel Filter (Diesel) | 9. Power Steering Reservoir |
| 5. Engine Oil Dipstick | 10. Windshield Washer Reservoir |

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Fig. 1: Service Point Locations (Diesel Engine)

Courtesy of Volkswagen United States, Inc.



GASOLINE ENGINE

- | | |
|--------------------------|----------------------------------|
| 1. Air Cleaner | 6. Brake Fluid Reservoir |
| 2. Battery | 7. ATF Dipstick |
| 3. Engine Oil Filler Cap | 8. Engine Coolant Expansion Tank |
| 4. Fuel Filter (Diesel) | 9. Power Steering Reservoir |
| 5. Engine Oil Dipstick | 10. Windshield Washer Reservoir |

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Fig. 2: Service Point Locations (Gasoline Engine)

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ADDITIONAL DIESEL SERVICE INFORMATION

DIESEL FUEL FILTER MAINTENANCE

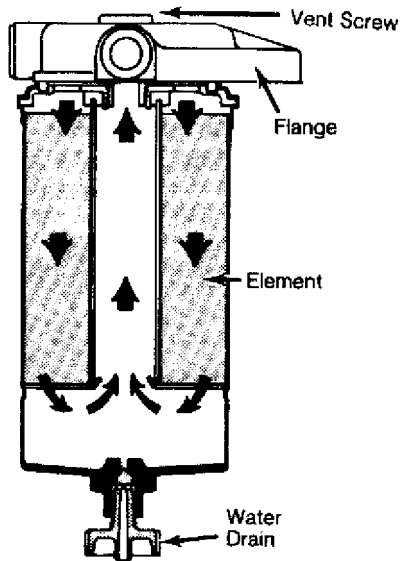


Fig. 3: Components of Fuel Filter
Courtesy of Volkswagen United States, Inc.

NOTE: For more information regarding diesel fuel filter service refer to the FUEL INJECTION SYSTEM - DIESEL article in the FUEL SYSTEMS section.

ALIGNING CAMSHAFT TIMING MARKS

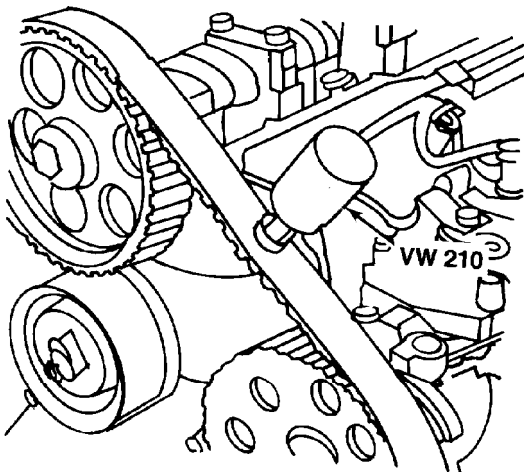


Fig. 4: Setting Camshaft Timing Marks (Diesel)
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NOTE: For more information regarding camshaft timing belt service refer to the 1.6L 4-CYL DIESEL/TURBO DIESEL article in the ENGINE MECHANICAL section.

ADJUSTING FUEL INJECTION PUMP TIMING - DIESEL

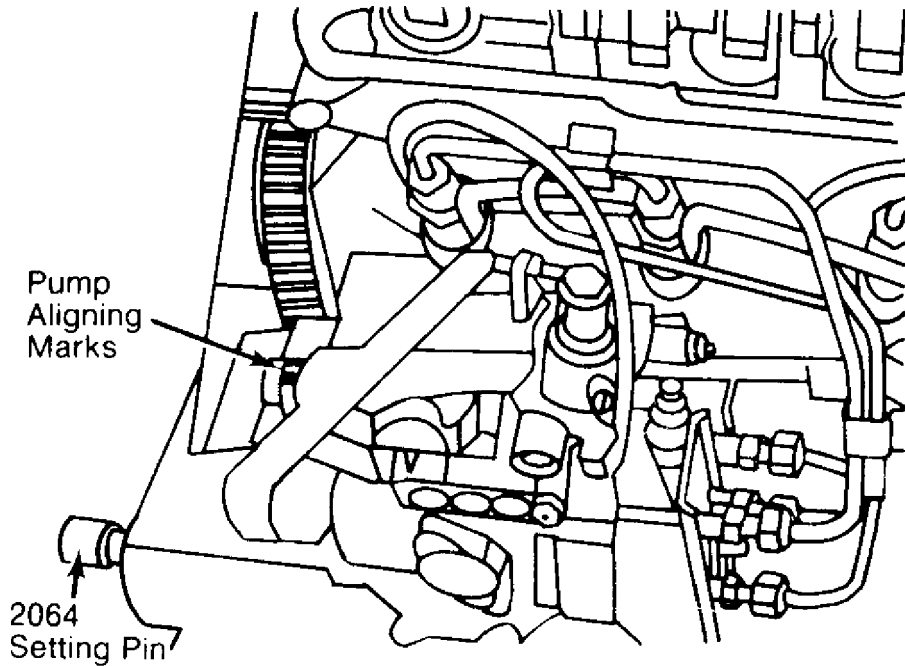


Fig. 5: Fuel Injection Pump Timing Mark Alignment (Diesel)
Courtesy of Volkswagen United States, Inc.

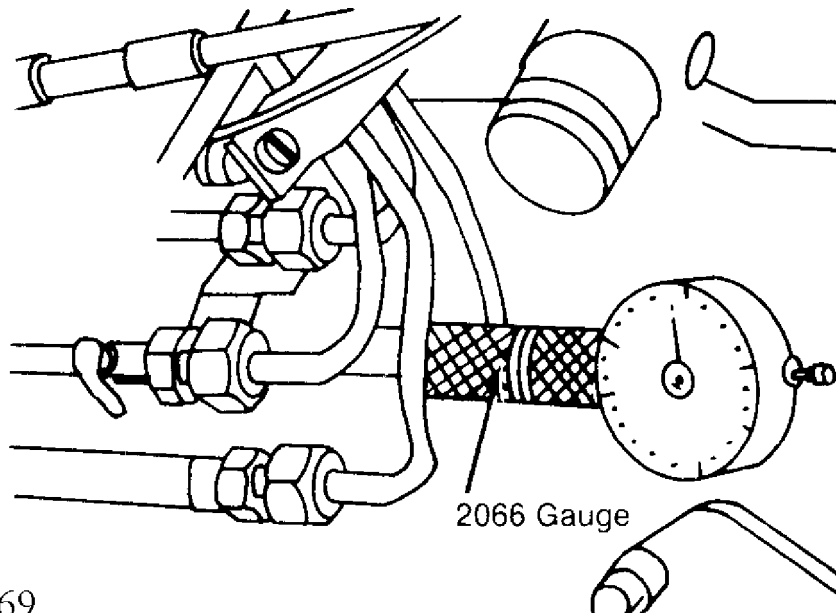


Fig. 6: Adjusting Injection Pump Timing (Diesel)
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NOTE: For more information regarding fuel injection system service refer to the FUEL INJECTION SYSTEM - DIESEL article in the FUEL SYSTEMS section.

ADJUSTING IDLE SPEED - DIESEL

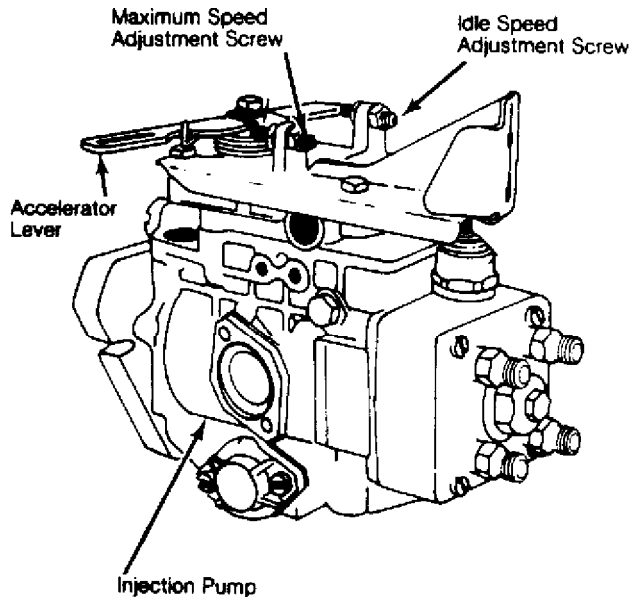


Fig. 7: Idle and Maximum Speed Adjustment
Courtesy of Volkswagen United States, Inc.

NOTE: For more information regarding diesel idle speed adjustment refer to the TUNE-UP - DIESEL article in the ENGINE PERFORMANCE section.

VALVE CLEARANCE ADJUSTMENT - DIESEL

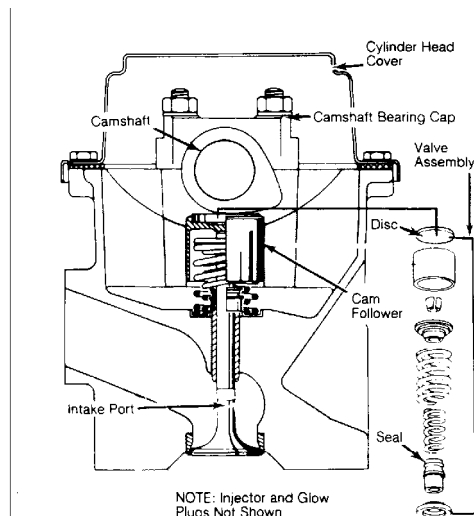


Fig. 8: End View of Camshaft and Valve Assembly
Courtesy of Volkswagen United States, Inc.

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NOTE: For more information regarding valve clearance adjustments refer to the 1.6L 4-CYL DIESEL/TURBO DIESEL article in the ENGINE MECHANICAL section.

ADDITIONAL GASOLINE SERVICE INFORMATION

FUEL FILTER REPLACEMENT - GASOLINE ENGINES

CAUTION: Some vehicle may stall or exhibit poor performance after the fuel filter is replaced.

NOTE: For more information regarding fuel filter replacement refer to the GROUP 20, NO. 87-02 FUEL FILTER REPLACE SYMP article in the TSB section.

ALIGNING CAMSHAFT TIMING MARKS - 1.7L 4-CYL.

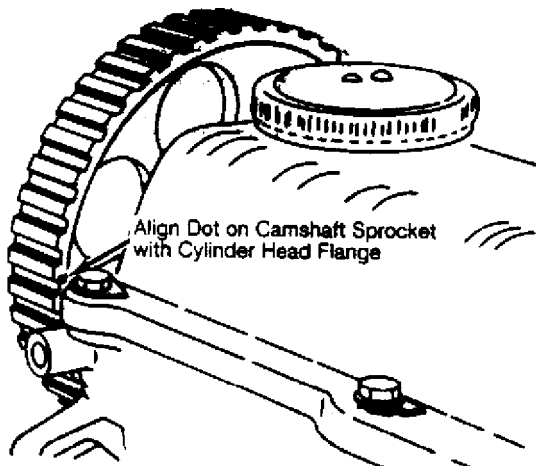


Fig. 9: Camshaft Sprocket Positioning (Gasoline)
Courtesy of Volkswagen United States, Inc.

NOTE: For more information regarding camshaft timing belt service refer to the 1.7L 4-CYL article in the ENGINE MECHANICAL section.

VALVE CLEARANCE ADJUSTMENT - 1.7L 4-CYL. GASOLINE

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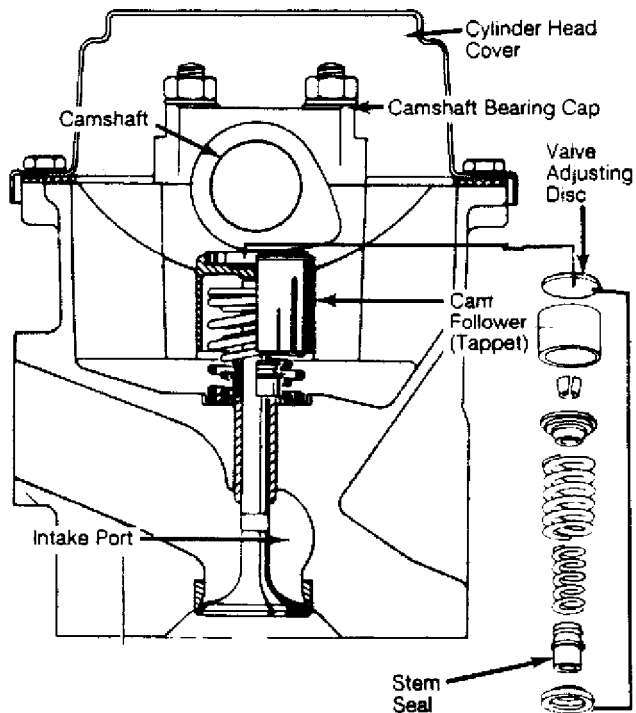


Fig. 10: Assembled View of Valve and Camshaft
Courtesy of Volkswagen United States, Inc.

NOTE: For more information regarding valve clearance adjustments refer to the 1.7L 4-CYL article in the ENGINE MECHANICAL section.

ALIGNING CAMSHAFT TIMING MARKS - 1.8L 4-CYL.

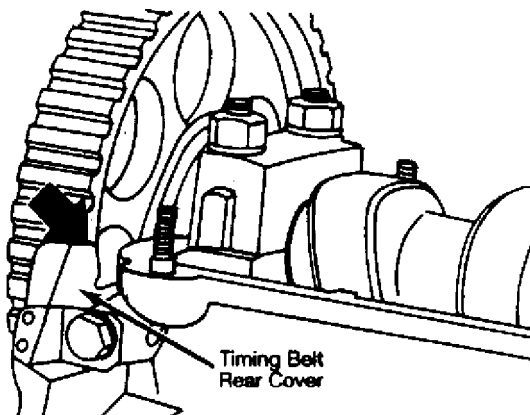


Fig. 11: Setting Camshaft Timing Mark
Courtesy of Volkswagen United States, Inc.

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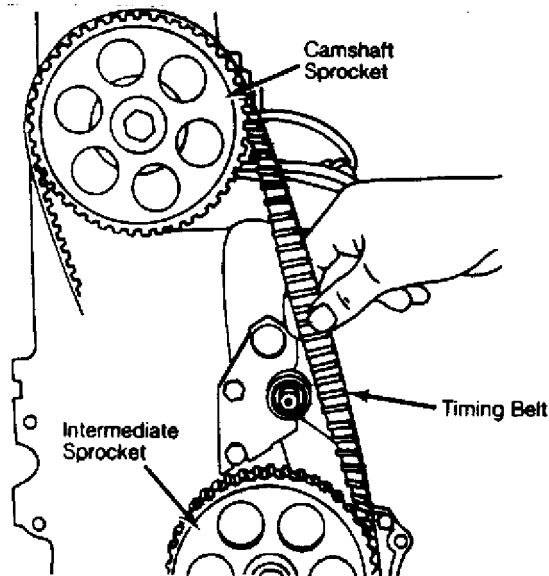


Fig. 12: Adjusting Timing Belt Tension
Courtesy of Volkswagen United States, Inc.

NOTE: For more information regarding camshaft timing belt service refer to the 1.8L 4-CYL article in the ENGINE MECHANICAL section.

ALIGNING CAMSHAFT TIMING MARKS - 5-CYL.

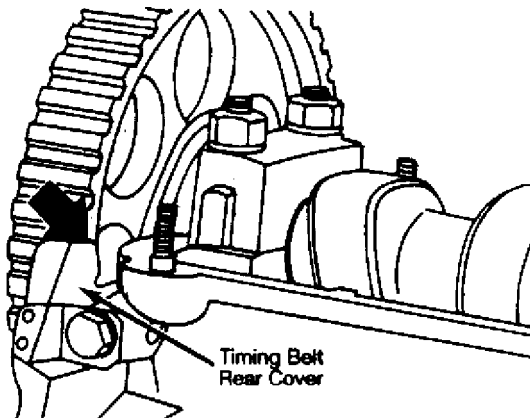


Fig. 13: Camshaft Sprocket Positioning (Gasoline)
Courtesy of Volkswagen United States, Inc.

NOTE: For more information regarding camshaft timing belt service refer to the 2.22L 5-CYL article in the ENGINE MECHANICAL section.

VALVE CLEARANCE ADJUSTMENT - 5-CYL. GASOLINE (1983-85)

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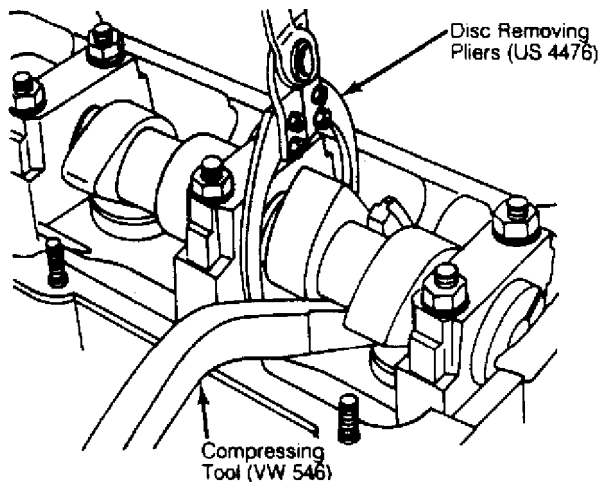


Fig. 14: Compressing Cam Follower to Replace Adjusting Disc
Courtesy of Volkswagen United States, Inc.

NOTE: For more information regarding valve clearance adjustments refer to the 2.22L 5-CYL article in the ENGINE MECHANICAL section.

JACKING & HOISTING POINTS

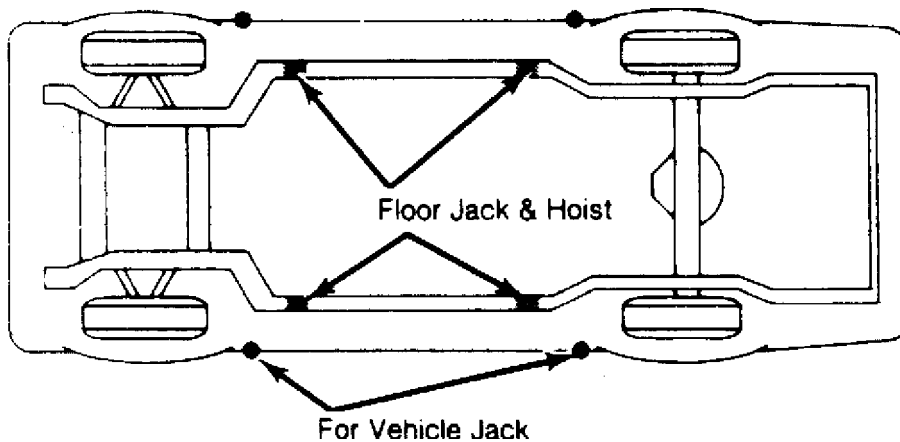


Fig. 15: Floor Jack, Floor Hoist & Vehicle Jack
Courtesy of Volkswagen United States, Inc.

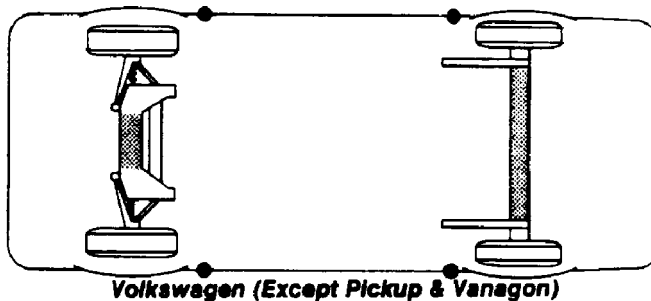


Fig. 16: Vehicle Lifting Points
Courtesy of Volkswagen United States, Inc.

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NOTE: For more information regarding jacking and hoisting points refer to the JACKING & HOISTING article in the WHEEL ALIGNMENT section.

INFORMATION LABEL LOCATIONS

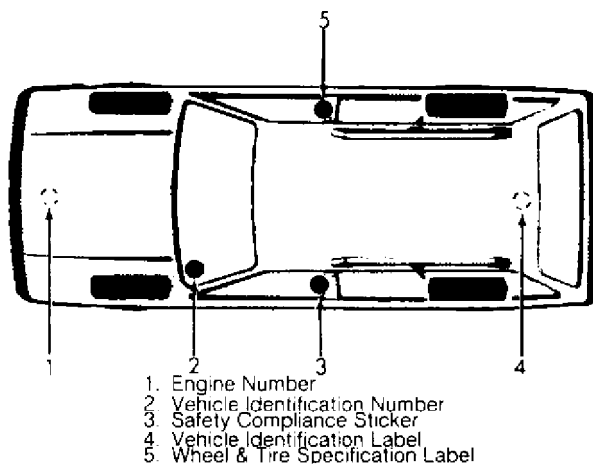


Fig. 17: Information Label Locations
Courtesy of Volkswagen United States, Inc.

SERVICE LABOR TIMES

SERVICE LABOR TIMES TABLE (HOURS)

AA

Application	15,000/45,000		30,000 (60,000)	
	Mile Service		Mile Service	
	(1)	(2)	(1)	(2)

Turbo Diesel Engine (3)				
Automatic Transmission	1.5	.....	2.8	(3.0)
Manual Transmission	1.7	.....	2.2	(2.4)
4-Cylinder Gasoline Engine (4)				
Automatic Transmission	1.5	.....	3.2	(3.6)
Manual Transmission	1.7	.....	2.6	(3.0)
5-Cylinder Gasoline Engine (5)				
Automatic Transmission	1.5	.....	3.2	(3.6 (6))
Manual Transmission	1.7	.....	2.6	(3.0 (6))

- (1) - Add .2 hr. if equipped with A/C.
(2) - Add .1 hr. if equipped with cruise control.
(3) - Add 1.8 hrs. for replacing camshaft timing belt.
(4) - Add 1.6 hrs. for replacing camshaft timing belt.
(5) - Add 2.1 hrs. for replacing camshaft timing belt.
(6) - Add .2 hr. for Quattro models.

AA

LUBRICATION SPECIFICATIONS

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LUBRICATION SPECIFICATIONS TABLE

AA

Application	Fluid Specifications
-------------	----------------------

Automatic Transaxle	Dexron-IIIE ATF
Brake Fluid	DOT 4 Brake Fluid (SAE J1703)
Coolant	50/50 Mix Water & Ethylene Glycol
Engine Oil (1)	

Ambient Temperatures

Greater Than 50°F (10°C)	SAE 20W-50 API SG/CD
--------------------------------	----------------------

14°F To 50°F (-10°C To +10°C)	SAE 10W-40 API SG/CD
-------------------------------------	----------------------

Less Than 14°F (-10°C)	SAE 5W-30 API SG/CD
------------------------------	---------------------

Power Steering Fluid	VW Hydraulic Oil G-002-000
----------------------------	----------------------------

Manual Transaxle	Hypoid Gear Oil SAE 75W-90 API GL-4
	Or SAE 75W-90 (G50 Synthetic)

Final Drive (A/T)

(Differential)	SAE 75W-90 (G50 Synthetic Gear Oil)
----------------------	-------------------------------------

Final Drive & Front

Differential (AWD)	Hypoid Gear Oil SAE 75W-90 API/GL-5
--------------------------	-------------------------------------

Manual Transmission	Hypoid Gear Oil SAE 75W-90 API/GL-4
---------------------------	-------------------------------------

Wheel Bearings	NLGI Grade 2 Category GC-LB
----------------------	-----------------------------

Drive Shaft U-Joints	NLGI Grade 2 Category GC-LB
----------------------------	-----------------------------

Steering Linkage (2)(3)	NLGI Grade 2 Category GC-LB
-------------------------------	-----------------------------

Ball Joints (2)(4)	NLGI Grade 2 Category GC-LB
--------------------------	-----------------------------

Weatherstrip	Dielectric Silicone Grease
--------------------	----------------------------

(1) - SAE 15W-40 or 20W-40 engine oil is recommended for extreme conditions or extended highway operation.

(2) - Use low pressure grease gun to prevent seal damage.

(3) - Fill until lubricant squeezes out from the base of seals.

(4) - Fill ball joint until seal starts to swell.

AA

FLUID CAPACITIES

FLUID CAPACITIES TABLE

AA

Application	Quantity (1)
-------------	--------------

A/C System R-12 Refrigerant

1983-85 (4/85)	34 Ozs.
----------------------	---------

(5/85) 1985-88	38 Ozs.
----------------------	---------

Cooling System

4-Cylinder	5.3 Qts. (5.0L)
------------------	-----------------

5-Cylinder	8.1 Qts. (7.7L)
------------------	-----------------

Diesel	6.2 Qts. (5.9L)
--------------	-----------------

Engine Oil (2)

Diesel	3.8 qts. (3.6L)
--------------	-----------------

4-Cylinder	3.4 qts. (3.2L)
------------------	-----------------

5-Cylinder

1983-86	3.8 qts. (3.6L)
---------------	-----------------

1987-88	3.7 qts. (3.5L)
---------------	-----------------

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Fuel Tank	
Quantum	16.0 gals. (60L)
Syncro	18.5 gals. (70L)
Automatic Transaxle	
Fluid Change	3.2 Qts. (3.0L)
Dry Fill	5.9 Qts. (5.6L)
Final Drive (Differential)	
A/T (3)	0.8 Qt. (.75L)
Manual Transaxle (4)	
4-Cyl. (013)	2.1 Qts. (2.0L)
Diesel (013)	2.1 Qts. (2.0L)
5-Cyl. (093)	2.5 Qts. (2.35L)
Syncro (016)	2.1 Qts. (2.0L)
Rear Axle (Syncro)	0.8 Qt. (.75L)

- (1) - Capacities are recommended or calculated levels. Always use dipstick (if available) to measure level.
- (2) - Includes filter change.
- (3) - Lifetime fill.
- (4) - Single case includes manual transaxle & differential.

AA

WHEEL & TIRE SPECIFICATIONS

Wheel and tire sizes vary according to vehicle and equipment and can be found on the tire information label on each vehicle. Wheel and tire specifications and tire inflation pressures are listed on a label on the right door post of 2-door vehicles and on the right rear door post of 4-door vehicles.

NOTE: Snow chains must be used on drive wheels, in pairs only.

WHEEL TIGHTENING

Tighten all wheel lug nuts to 80 ft. lbs. (110 N.m).

BATTERY SPECIFICATIONS

CAUTION: When battery is disconnected, vehicles equipped with computers may lose memory data. When battery power is restored, driveability problems may exist on some vehicles. These vehicles may require a relearn procedure. See COMPUTER RELEARN PROCEDURES article in the GENERAL INFORMATION section.

All models use BCI group 41 batteries with cold crank rating of 690 amps.

CAUTIONS & WARNINGS

BATTERY WARNING

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WARNING: When battery is disconnected, vehicles equipped with computers may lose memory data. When battery power is restored, driveability problems may exist on some vehicles. These vehicles may require a relearn procedure. See COMPUTER RELEARN PROCEDURES article in GENERAL INFORMATION section.

REPLACING BLOWN FUSES

Before replacing a blown fuse, remove ignition key, turn off all lights and accessories to avoid damaging the electrical system. Be sure to use fuse with the correct indicated amperage rating. The use of an incorrect amperage rating fuse may result in a dangerous electrical system overload.

BRAKE PAD REPLACEMENT

WARNING: Use caution when checking and/or changing brake pads, some pads may contain asbestos which can irritate eyes and may cause other health hazards. A water based solution should be used to clean brake dust from wheel and brake components. DO NOT use compressed air to blow off brake dust.

BRAKE SYSTEM

CAUTION: If brake warning light comes on while driving it indicates a low fluid level or failure in one of the braking circuits. If the brake pedal can be depressed further than normal it is an indication that one of the brake circuits is not functioning. Stop vehicle and check brake reservoir fluid level. If level is below MIN mark, DO NOT drive vehicle. Have it towed to a repair shop. If level is between the MIN and MAX marks, proceed cautiously to a repair shop.

BRAKE PAD WEAR INDICATOR

Indicator will cause a squealing or scraping noise, warning that brake pads need replacement.

BRAKE PEDAL PRESSURE WITH ENGINE NOT RUNNING

CAUTION: Brake pedal requires extreme pressure to stop the vehicle when the engine is not running.

CATALYTIC CONVERTER

Continued operation of vehicle with a severe malfunction could cause converter to overheat, resulting in possible damage to converter and vehicle.

Any modification to the exhaust system on turbo models, which reduces exhaust backpressure, will lead to lean fuel mixtures and

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excessive spark advance. This could cause serious engine damage.

COOLANT (PROPYLENE-GLYCOL FORMULATIONS)

To avoid possible damage to vehicle use only ethylene-glycol based coolants with a mixture ratio from 44-68% anti-freeze. DO NOT use 100% anti-freeze as it will cause the formation of cooling system deposits. This results in coolant temperatures of over 300°F (149°C) which can melt plastics. 100% anti-freeze has a freeze point of only -8°F (-22°C).

CAUTION: Propylene-Glycol Mixtures has a smaller temperature range than Ethylene-Glycol. The temperature range (freeze-boil) of a 50/50 Anti-Freeze/Water Mix is as follows:

Propylene-Glycol -26°F (-32°C) - 257°F (125°C)

Ethylene-Glycol -35°F (-37°C) - 263°F (128°C)

CAUTION: Propylene-Glycol/Ethylene-Glycol Mixtures can cause the destabilization of various corrosion inhibitors. Also Propylene-Glycol/Ethylene-Glycol has a different specific gravity than Ethylene-Glycol coolant, which will result in inaccurate freeze point calculations.

DIESEL FUEL ANTI-FUNGAL ADDITIVES

CAUTION: If fuel contamination due to fungi or other microorganisms is suspected a fuel additive with a biocide may be used. Follow the manufacturers dosage as recommended on product label. Use biocides ONLY when necessary, excessive use can may cause other fuel system problems.

DIESEL FUEL CONTAMINATION

WARNING: Diesel fuel system may be contaminated with fungi or other microorganisms. Keep contaminated fuel away from open skin cuts or sores to prevent skin irritation or infection.

DIESEL FUEL REQUIREMENTS

CAUTION: All diesel engines are to use Diesel Fuel #2 when the outside temperature is above 20°F (-7°C). In temperatures that are below 20°F (-7°C) use Diesel Fuel #1, this will reduce the chance of the fuel thickening and forming wax.

Note: A Diesel Fuel #1 & #2 combination (Blended Fuel) may be used, and is recommended for mild winter driving.

STARTING FLUID USE (DIESEL)

WARNING: DO NOT USE starting fluids (ether) or flammable liquids to aid the starting of a Diesel engine. NEVER pour diesel fuel, flammable liquids or starting fluids into the air

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cleaner canister, air intake or turbocharger housing in an attempt to start the vehicle. A flash fire may result causing personal injury.

ELECTRIC SHOCK HAZARD

WARNING: Contact with live components of ignition system while engine is running could lead to a fatal electric shock.

ELECTROSTATIC DISCHARGE SENSITIVE (ESD) PARTS

WARNING: Many solid state electrical components can be damaged by static electricity (ESD). Some will display a warning label, but many will not. Discharge personal static electricity by touching a metal ground point on the vehicle prior to servicing any ESD sensitive component.

ENGINE OIL

CAUTION: Never use non-detergent or straight mineral oil.

FUEL SYSTEM SERVICE

WARNING: Relieve fuel system pressure prior to servicing any fuel system component (fuel injection models).

HALOGEN BULBS

Halogen bulbs contain pressurized gas which may explode if overheated. DO NOT touch glass portion of bulb with bare hands. Eye protection should be worn when handling or working around halogen bulbs.

RADIATOR CAP

CAUTION: Always disconnect the fan motor when working near the radiator fan. The fan is temperature controlled and could start at any time even when the ignition key is in the OFF position. DO NOT loosen or remove radiator cap when cooling system is hot.

RADIATOR FAN

WARNING: Keep hands away from radiator fan. Fan is controlled by a thermostatic switch which may come on or run for up to 15 minutes even after engine is turned off.

TURBOCHARGED MODELS

CAUTION: Do not race engine immediately after starting. When stopping engine, allow engine to idle for approximately 60 seconds before shutting it off. Failure to do so may cause

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1987 Volkswagen Quantum/Quantum Syncro

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turbocharger damage due to lack of oil flowing to the turbocharger bearings.

WARRANTY INFORMATION

CAUTION: Due to the different warranties offered in various regions and the variety of after-market extended warranties available, please refer to the warranty package that came with the vehicle to verify all warranty options.

BASIC NEW CAR WARRANTY

The manufacturer warrants to the original retail customer, and any subsequent purchaser, that every vehicle imported and sold as a new vehicle to a retail customer will be free of defects in material and workmanship for 2 years or 24,000 miles, whichever comes first, after the date of delivery to the first retail customer, or after the vehicle was first placed in service.

LIMITED WARRANTY

Warrants cars to be free of defects in materials or workmanship for a period of 2 years or 24,000 miles, whichever comes first.

LIMITED POWER TRAIN WARRANTY

Covers the engine, transmission and drivetrain for a period of 5 years or 50,000 miles, whichever occurs first.

ANTI-CORROSION

Covers holes caused by corrosion in body sheet metal for 6 years, without respect to mileage, so long as the inspection and maintenance services are performed.

EMISSION CONTROL SYSTEM

Manufacturer warrants to the initial purchaser and each subsequent purchaser that this vehicle is designed, built, and equipped so as to conform at the time of sale with all U.S. and California Air Resources Board emission regulations applicable at the time of manufacture and that this vehicle is free from defects in materials and workmanship which cause it to fail to conform with applicable regulations within the first 5 years or 50,000 miles, whichever occurs first.

FUSES & CIRCUIT BREAKERS

The fuse panel is located under the left side of the dashboard by the driver's knee. Fuses are numbered from left to right.

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NOTE: On all models, fuse specifications are listed on inside of panel cover.

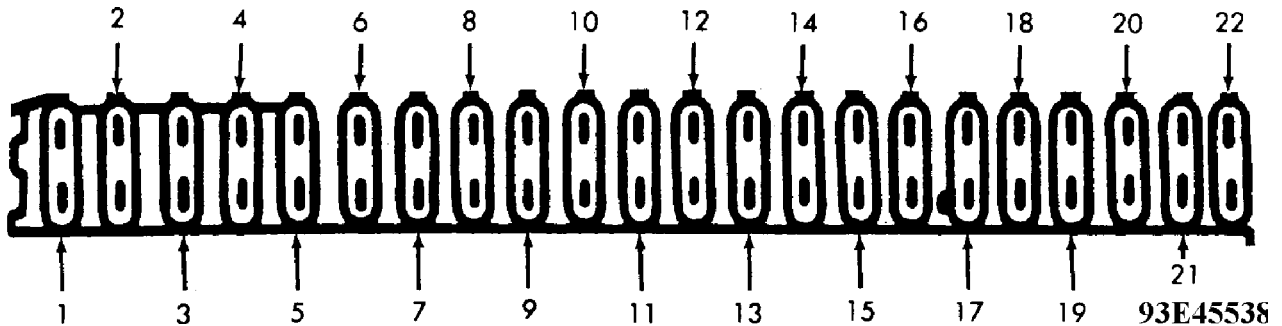


Fig. 18: Fuse Panel Identification
Courtesy of Volkswagen United States, Inc.

Fuse & Circuit Breaker Identification

- 1 - 30 Amp (Green)
Radiator Fan, Air Conditioner
- 2 - 10 Amp (Red)
Brakelights, Cruise Control
- 3 - 15 Amp (Blue)
Interior Lights, Illuminated Mirror, Clock, Cigar Lighter,
Radio, Central Locking System (If Equipped)
- 4 - 15 Amp (Blue)
Emergency Flasher System
- 5 - 15 Amp (Blue)
Electric Fuel Pump
- 6 - Blank
- 7 - 10 Amp (Red)
Left Tail Parking & Side Lights
- 8 - 10 Amp (Red)
Right Tail Parking & Side Lights
- 9 - 10 Amp (Red)
Right Headlight High Beam, High Beam Indicator
- 10 - 10 Amp (Red)
Left Headlight High Beam
- 11 - 15 Amp (Blue)
Windshield Wiper/Washer
- 12 - 15 Amp (Blue)
Rear Wiper/Washer (Wagons Only), Power Mirrors
- 13 - 20 Amp
Rear Defogger, Heated Mirror
- 14 - 20 Amp
Air Conditioner, Fresh Air Fan
- 15 - 10 Amp (Red)
Back-Up Lights, Shift Console Light (Automatic Transmission)
- 16 - 15 Amp
Horn
- 17 - 10 Amp
Oxygen Sensor
- 18 - 15 Amp

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BRAKE Warning Light, Cruise Control (Control Unit),
Differential Locks, Indicator Lights (Syncro), Throttle
Switch, Coolant Level & Temperature Warning Light, Horn

19 - 10 Amp (Red)

Turn Signals

20 - 10 Amp (Red)

Dome/Luggage/Vanity Mirror Lights, Clock, Radio, Central
Locking System, Multi-Function Indicator, Alarm System

20 - 10 Amp (Red)

License Plate Light, Glove Compartment Light

21 - 10 Amp (Red)

Left Low Beam

22 - 10 Amp (Red)

Right Low Beam

END OF ARTICLE