

## Service Schedule for Mexican Beetle

Translated from *Carnet de Servicio, Sedán*, Volkswagen of Mexico, September 2002

### Conservation service

The conservation service must be carried out every 6 months or no later than 7,500 km after the last maintenance service.

The operations that need to be carried out are detailed in the "Conservation service" section that appears in the following pages.

### Maintenance service

Your vehicle only requires a maintenance service 12 months or no later than 15,000 km after the last maintenance service.

Carrying out this service guarantees a rigorous and systematic inspection of the operational and traffic safety of your vehicle, through which you can have confidence that any problems with your car can be uncovered and resolved in time.

Regular conservation and/or maintenance services ensure the continuing saleability of your Volkswagen vehicle.

**Important note:** For your safety, we recommend you check the following points from time to time, for example when filling up with fuel:

- Tyre inflation pressures
- Engine oil level
- Battery electrolyte level
- Engine coolant level
- Brake fluid level
- Windscreen washer fluid level

You can consult the instruction manual to carry out these checks.

### Brake fluid service

Brake fluid absorbs moisture, therefore needs to be changed every 2 years. Your Volkswagen dealer carries out this operation, noting each time the date the next brake fluid service is due in the boxes that appear in the following pages.

### Authorised engine oil

Volkswagen oil SAE 15W40 API-SJ / CG4 that can be obtained from any Volkswagen dealer.

### Oil change at the first 2,500 miles (Beetle only)

**Important note:** For your safety, we recommend you check the following points from time to time:

- Tyre inflation pressures
- Engine oil level
- Battery electrolyte level
- Brake fluid level
- Windscreen washer fluid level

#### Observations

- The instruction manual describes the correct method of checking the oil level
- The level is correct when between the Min and Max marks on the dipstick
- It must never descend below the Min mark or exceed the Max mark
- **Exceeding the Max mark risks damaging the catalytic converter**
- You can check the oil level of the Beetle yourself using the correct procedure

## Conservation service

Every 6 months or no later than 7,500 km after the last service.

### Engine

- Automatic diagnosis with VAG 1551 equipment (vehicles with injection only)
- Engine: change oil and filter
- Cooling system: check coolant level (except Beetle)
- Check visually for leaks from engine, cooling system, transmission, front and rear axles and dust covers
- Change fuel filter every 60,000 km
- Shake out air filter element and replace in housing
- Check CO/HC emissions and idle speed, adjust if necessary (before and after catalytic converter)

### Windscreen washer system

- Windscreen washer system: check operation, fluid level, top up if necessary, check condition of wiper blades and adjust jets

### Battery

- Battery: check electrolyte level, top up if necessary with distilled water

### Tyres

- Tyres: check pressures and correct if necessary, including spare wheel, check wear visually

### Brakes

- Brakes: check thickness of pads and/or shoes, adjust brakes and check fluid level

### Steering

- Steering: adjust steering gear

### Final check

- Carry out road test

## Inspection service

12 months or no later than 15,000 km (9,300 miles) after the last service

### Engine

- Automatic diagnosis with VAG equipment (vehicles with injection)
- Coolant: check density and level, correct if necessary (except Beetle)
- Coolant system and cap: check for leaks with special tool (except Beetle)
- Engine oil and filter: change
- Engine: check for leaks
- Intake air preheating system: check operation
- V-belt: check condition and tension, tighten if necessary
- Air filter and housing: check condition
- HT leads: check condition visually
- Engine: check ignition timing and RPM, correct if necessary
- Engine: check exhaust emissions (CO/HC) (before and after catalytic converter)
- Clutch pedal: check free play, adjust if necessary
- Crankcase breather: check condition
- Evaporative emissions control system: check
- Spark plugs: replace

### Transmission

- Transmission: check oil level, top up if necessary
- Transmission: check for leaks

### Bodywork

- Door check straps and securing bolts: lubricate

- Paintwork, bumper covers and windows: check condition
- Seat belts: check operation and expiry date

### **Suspension**

- Shock absorbers: check for leaks
- Track rods and ball joints: check play
- Ball joint, CV joint and steering gear gaiters: check condition
- Front axle: lubricate

### **Brakes**

- Brake linings and pads: check thickness
- Disk brakes: clean
- Brake fluid: check level and top up if necessary
- Brake system: check pipes and hoses for leaks
- Brake shoes: adjust
- Handbrake: check, adjust if necessary

### **Electrical equipment**

- Electrical system: check correct operation of alarm, lights, instruments, warning lamps, demisting, horn, headlamp dipping, flashers, wipers, lighters
- Headlamps: check/adjust

### **Windscreen washer system**

- Windscreen washer system: check fluid level, top up if necessary, check operation, condition of wiper blades and adjust washer jets

### **Exhaust system**

- Exhaust system: check for leaks

### **Wheels and tyres**

- Tyres: check and note tread depth (including spare wheel)
- Tyres (including spare wheel): check and correct tyre inflation pressures
- Wheel alignment: check and adjust
- Wheel balancing: check and adjust
- Wheel bolts: tighten to prescribed torque
- Rims: check condition

### **Battery**

- Battery: clean base, case, terminals and clamps
- Battery electrolyte: check level, top up if necessary with distilled water

### **Final inspection**

- Extinguisher: check charge level and expiry date, recharge if necessary
- Warning triangle: check existence
- Test drive to check footbrake, handbrake, engagement of gears
- Steering: check operation
- Check acceleration and gear change
- Bodywork and interior: wash bodywork (including engine); vacuum clean interior

### **Additional operations every 30,000 km**

- Injectors: wash
- Air filter: change

### **Additional operations every 60,000 km**

- Fuel filter: change element

### **Additional operations every 24 months or 45,000 km**

- Brake fluid: change