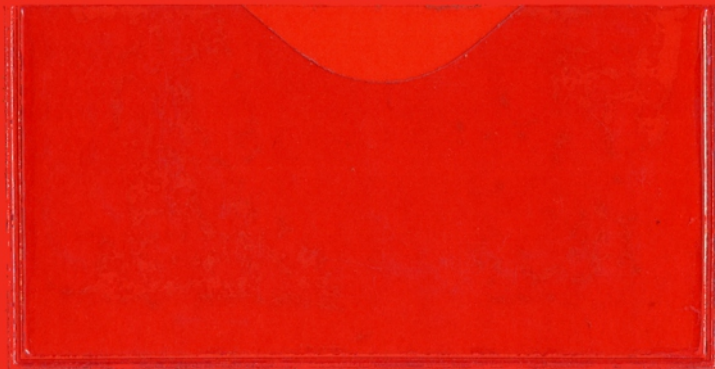




Maintenance

1984

Vanagon
Vanagon Camper



(Pocket for Customer Identifications Card)

Contents

Warranty Voucher / Vehicle Identification Label	1
Emission Control Maintenance	2
Maintenance Schedule	4
Do-it-yourself service	6
Maintenance Record	5, 7-23

Air Conditioner
Warranty Registration Certificate
(except factory installations)

Attach here
(for dealer use only)

Emission Control Maintenance

1. A clean environment is of concern to all of us. Volkswagen has built into your car an efficient emission control system, using genuine Volkswagen parts, in conformance with the Federal Clean Air Act in the United States and Canadian Emission Standards, respectively. To help keep our air clean, you can do your part by providing regular maintenance for the emission control system in your vehicle.
2. **Maintenance, repair or replacement of emission control components may be performed by any qualified automotive service and repair establishment or individual without affecting the Emission Control System Warranty, provided that such repairs are performed to manufacturer's specifications, and that replacement parts are at least equivalent to genuine Volkswagen parts in emission performance and durability. Warranty repairs and replacements, however, must be performed by an authorized Volkswagen dealer.**
3. If other than genuine Volkswagen replacement parts are used, the owner should make sure that such parts are warranted by their manufacturer and that they are at least equivalent to genuine Volkswagen replacement parts in emission performance and durability.

At 1,000 miles / 1,500 km

After the first 1,000 miles / 1,500 km, all working parts have adjusted to each other to a certain degree. Therefore, checks and adjustments are necessary at this time, such as engine idle speed and idle CO* to assure proper functioning of both engine and emission control system. The engine oil level should be checked and, if necessary, engine oil should be added, and the engine should be checked for leaks.

The fuel system is visually checked at this time, and the exhaust system is inspected for damage. The coolant level should be checked and, if necessary, coolant should be added.

Every 7,500 miles / 12,000 km

To provide good lubrication and to keep the engine internally clean, the oil should be changed every 7,500 miles / 12,000 km. The oil filter should be replaced at this time and then every 15,000 miles / 24,000 km.

* Except **California** models.

* Kilometer figures rounded off.

Every 15,000 miles / 24,000 km

Complete burning of the fuel/air mixture in the combustion chambers is very important to keep emissions at their lowest level. It also keeps your car running most economically. To keep it that way, the exhaust system is checked for damage, and the crankcase ventilation system and the fuel system is also inspected. To assure proper engine cooling, the cooling system should be checked and the coolant replenished, if necessary. The engine oil should be changed, the oil filter replaced, and the engine should be checked for leaks.

The ignition system should be thoroughly checked, and ignition wires, distributor cap and rotor should be replaced, if necessary*. To provide an unrestricted flow of fuel and air needed for efficient combustion, the fuel filter should be replaced*. Tension of the V-belts should be checked and, if necessary, adjusted*. The engine idle speed and idle CO should also be checked*.

* Except **California** models.

Additional Services

Every 30,000 miles / 48,000 km

To provide an unrestricted flow of air needed for efficient combustion, the filter element of the air cleaner should be replaced at this time.

The compression of each cylinder should be checked*, and the cylinder head cover gaskets should be replaced.

On U.S.A. models it is also necessary to replace the oxygen sensor and to reset the mileage counter for the OXS service reminder light.

Spark plugs must fire properly to assure good engine performance and emission control. Spark plugs lose their efficiency through normal wear and should be replaced at this time.

Any deficiencies found should be corrected.

Maintenance Schedule

To assure reliable vehicle performance, VW recommends the following maintenance schedule.

The First Scheduled Maintenance at 1,000 miles / 1,500 km includes Vehicle & Emission Control Maintenance.

This service is performed at no charge to you; you only pay for lubricants and fluids.

For further maintenance, follow this table

miles	7.5	15	22.5	30	37.5	45	52.5	60	67.5	75	82.5	90
km*	12	24	36	48	60	72	84	96	108	120	132	144
or months	6	12	18	24	30	36	42	48	54	60	66	72
Oil Change & General Maintenance	●	●	●	●	●	●	●	●	●	●	●	●
Tune up & Emission Control		●		●		●		●		●		●
Vehicle Maintenance		●		●		●		●		●		●

etc. in thousands

* kilometer figures rounded off

Service operations are listed on the following pages.

Scheduled Maintenance at 1,000 miles / 1,500 km

This service is performed at no charge to you. **You only pay for lubricants and fluids. Valid between 800 and 1,500 miles or 1,000 and 2,000 km.**

Emission Control Maintenance

- Engine: Check oil level, add if necessary.
- Fuel system: Check visually for leaks.
- Cooling system: Check coolant level, add if necessary.

Vehicle Maintenance

- Brake system: Check for damage and leaks.

During road test

Check efficiency of braking, kickdown (where applicable), steering, heating and ventilation systems.

After road test

- Exhaust system: Check for damage and leaks.
- Engine idle speed and idle CO: Check.*
- Engine idle speed: Check.**
- Engine: Check for leaks.

* Except **California** models.

** **California** models only.

Delivery Inspection

Date _____

Miles/kilometers _____

(dealer stamp)

1,000 miles / 1,500 km
Vehicle & Emission
Control Maint.

Date _____

Miles/kilometers _____

(dealer stamp)

First Service 1,000 miles / 1,500 km

Dealer service . . .

There are nearly 1,500 authorized VW dealers in North America. They have VW trained mechanics, proper workshop equipment and parts to give you expert service. VW dealers are committed to quality service.

- Your VW dealer offers many services for your convenience, such as extended service hours, early bird service, body repairs, to name just a few. Ask about them.
- Arrange your service with your dealer when it is convenient for you.
- Ask your Service Advisor about the service you need and discuss the cost involved.
- Leave word where you can be reached during the day and when you would like to pick your car up.
- Keep all receipts of maintenance and repairs performed. Your service record is important when making use of your warranty.

Do it yourself service . . .

Your Owner's Manual contains many helpful hints on what you can service yourself.

- You can check tires for wear or damage and correct tire pressure, including the spare.
- You can check the windshield washer container. Whenever necessary, refill or top up.
- You can check your car's interior and exterior lighting system for correct functioning.
- You can check the engine oil level with every fuel filling.
- You can perform these simple checks once a week. They save time, trouble and expense later.

Your mechanic will not check these items during regular service and maintenance visits.

7,500 miles / 12,000 km or 6 months after delivery – at your expense

Oil Change & General Maintenance

- Engine: Change oil.
- Oil filter: Replace.

In addition, the brakes should be checked for proper functioning to assure safe and dependable operation of your VW.

- Brake system: Check for damage and leaks. Check thickness of brake pads.

7,500 miles / 12,000 km
or 6 mos. after delivery
Oil Change & Gen. Maint.

Date _____

Miles/kilometers _____

(dealer stamp)

Note to owner: Do your weekly checking of all items mentioned on page 6. Your mechanic will not include them in the above service.

15,000 miles / 24,000 km or 1 year after delivery – at your expense

Oil Change & General Maintenance

- Engine: Change oil. **(ECM)**
- Oil filter: Replace. **(ECM)**
- Manual Transmission: Check oil level.
- Automatic Transmission: Check ATF.
- Automatic Transmission, final drive: Check oil level.
- Cooling system: Check coolant level, add if necessary. **(ECM)**
- Brake fluid: Top up.
- Power steering: Check fluid level.
- Sliding door mounting points, guide tracks, roller guides: Lubricate.

(ECM) – Also Emission Control Maintenance item.

* Except **California** models.

Note to owner: Do your weekly checking of all items mentioned on page 6. Your mechanic will not include them in the above service.

Tune up & Emission Control Maintenance

- V-belts: Check tension and condition, adjust if necessary.*
- Ignition wires, distributor cap and rotor: Check visually, replace if necessary.*
- Fuel filter: Replace.*
- Crankcase ventilation system: Check visually.
- Fuel system: Check visually for leaks.

Note to owner: Although not needed to fulfill **emissions warranty requirements**, the manufacturer recommends the following at this time for all **California** models.

- V-belts: Check tension and condition, adjust if necessary.
- Ignition wires, distributor cap and rotor: Check visually, replace if necessary.

15,000 miles / 24,000 km or 1 year after delivery – at your expense (cont'd)

Vehicle Maintenance

- Brake system: Check for damage and leaks.
- Brake linings and pads: Check thickness.
- Wheels and tires: Check for wear and damage.
- Front axle: Check dust seals on ball joints and tie rod ends, check tie rods.
- Steering and drive shafts: Check boots.
- Headlights: Adjust.

* Except California models.

Note to owner: Do your weekly checking of all items mentioned on page 6. Your mechanic will not include them in the above service.

During road test

Check efficiency of breaking, kickdown (where applicable), steering, heating and ventilation system.

After road test

- Exhaust system: Check for damage and leaks.
- Engine idle speed and idle CO: Check.*
- Engine: Check for leaks.

15,000 miles / 24,000 km
or 1 year after delivery

- Oil Change & Gen. Maint.
- Tune up & Emission Control
- Vehicle Maintenance

Date _____

Miles/kilometers _____

(dealer stamp)

Next Service

15,000 miles / 24,000 km
or 1 year after delivery

Why maintenance?

- Today's cars are precision engineered machines. They are designed with people's safety in mind, and are equipped with emission control systems to keep our air clean.
- An untuned engine wastes fuel.
- An unserviced emission control system can increase pollution.
- A minor adjustment now may prevent a repair later.
- Follow the recommended maintenance schedule and make in-between checks. This way you help keep your car dependable and safe.

Volkswagen dealers are ready to serve you and are committed to quality service.

22,500 miles / 36,000 km or 1½ years after delivery – at your expense

Oil Change & General Maintenance

- Engine: Change oil.

In addition, the brakes should be checked for proper functioning to assure safe and dependable operation of your VW.

- Brake system: Check for damage and leaks. Check thickness of brake pads.

22,500 miles / 36,000 km
or 1½ years after delivery
Oil Change & Gen. Maint.

Date _____

Miles/kilometers _____

(dealer stamp)

Note to owner: Do your weekly checking of all items mentioned on page 6. Your mechanic will not include them in the above service.

30,000 miles / 48,000 km or 2 years after delivery – at your expense

Oil Change & General Maintenance

- Engine: Change oil. **(ECM)**
- Oil filter: Replace. **(ECM)**
- Manual Transmission: Check oil level.
- Automatic Transmission: Change ATF. Clean pan, strainer, replace gasket.
- Automatic Transmission, final drive: Check oil level.
- Cooling system: Check coolant level, add if necessary. **(ECM)**
- Air cleaner: Replace filter element. **(ECM)**
- Brake fluid: **Replace every 2 years regardless of miles/kilometers.**
- Power steering: Check fluid level.
- Sliding door mounting points, guide tracks, roller guides: Lubricate.

(ECM) – Also Emission Control Maintenance item.

* Except **California** models.

Note to owner: Do your weekly checking of all items mentioned on page 6. Your mechanic will not include them in the above service.

Tune up & Emission Control Maintenance

- V-belts: Check tension and condition, adjust if necessary.*
- Compression: Check.*
- Spark plugs: Replace.
- Ignition wires, distributor cap and rotor: Check visually, replace if necessary.*
- Fuel filter: Replace.*
- Crankcase ventilation system: Check visually.
- Fuel system: Check visually for leaks.
- Cylinder head cover gaskets: Replace.
- Oxygen sensor: Replace and reset OXS service reminder light after 30,000 miles/48,000 km, **regardless of time after delivery** (except **Canada** models).

Note to owner: Although not needed to fulfill **emission warranty requirements**, the manufacturer recommends the following at this time for all **California** models:

- V-belts: Check tension and condition, adjust if necessary.
- Ignition wires, distributor cap and rotor: Check visually, replace if necessary.
- Compression: Check.

30,000 miles / 48,000 km or 2 years after delivery – at your expense (cont'd)

Vehicle Maintenance

- Brake system: Check for damage and leaks.
- Brake linings and pads: Check thickness.
- Wheels and tires: Check for wear and damage.
- Front axle: Check dust seals on ball joints and tie rod ends, check tie rods.
- Steering and drive shafts: Check boots.
- Headlights: Adjust.
- Brake warning light switch: **Check functioning every 2 years regardless of miles/kilometers.**

* Except **California** models.

Note to owner: Do your weekly checking of all items mentioned on page 6. Your mechanic will not include them in the above service.

During road test

Check efficiency of braking, kickdown (where applicable), steering, heating and ventilation systems.

After road test

- Exhaust system: Check for damage and leaks.
- Engine idle speed and idle CO: Check.*
- Engine: Check for leaks.

30,000 miles / 48,000 km
or 2 years after delivery

- Oil Change & Gen. Maint.
- Tune up & Emission Control
- Vehicle Maintenance

Date _____

Miles/kilometers _____

(dealer stamp)

Next Service

30,000 miles / 48,000 km
or 2 years after delivery

Why change the engine oil ?

Oil is necessary to keep all moving engine parts lubricated at an even temperature. Depending on driving conditions and habits, engine oil is consumed by the continuing combustion process of the engine. Combustion residues are gathered by the oil. Therefore, engine oil must be replaced periodically to retain efficient engine performance.

- For normal operating conditions, we recommend that **both PETROLEUM based (mineral) oil** and **SYNTHETIC oil** be changed every 7,500 miles/12,000 km or every 6 months, whichever comes first.
- If you drive mostly short distances, or if you operate the vehicle in dusty areas, or under predominantly stop-and-go traffic conditions, or when temperatures remain below freezing for extended periods, the engine oil should be changed more frequently.
- Single or multi-grade oil labeled **for API Service "SF"** is the right oil for your engine.
- The classification **SE** or **SF** may appear on the oil container singly or in combination with other classifications.
- Select the proper oil viscosity SAE number according to the season **and prevailing temperatures**. Check the detailed temperature chart in your Owner's Manual.

Why check the engine oil level ?

- It is normal for the engine to consume oil. Lack of oil leads to friction, wear and overheating and may cause severe engine damage.
- **The oil pressure warning light is not an indicator for low engine oil level. To check the oil level, always use dipstick.**
- **Make it a habit to check the engine oil level at every fuel filling.**

37,500 miles / 60,000 km or 2½ years after delivery – at your expense

Oil Change & General Maintenance

- Engine: Change oil.

In addition, the brakes should be checked for proper functioning to assure safe and dependable operation of your VW.

- Brake system: Check for damage and leaks.
Check thickness of brake pads.

37,500 miles / 60,000 km
or 2½ years after delivery
Oil Change & Gen. Maint.

Date _____

Miles/kilometers _____

(dealer stamp)

Note to owner: Do your weekly checking of all items mentioned on page 6. Your mechanic will not include them in the above service.

45,000 miles / 72,000 km or 3 years after delivery – at your expense

Oil Change & General Maintenance

- Engine: Change oil. **(ECM)**
- Oil filter: Replace. **(ECM)**
- Manual Transmission: Check oil level.
- Automatic Transmission: Check ATF.
- Automatic Transmission, final drive: Check oil level.
- Cooling system: Check coolant level, add if necessary. **(ECM)**
- Brake fluid: Top up.
- Power steering: Check fluid level.
- Sliding door mounting points, guide tracks, roller guides: Lubricate.

(ECM) – Also Emission Control Maintenance item.

* Except **California** models.

Note to owner: Do your weekly checking of all items mentioned on page 6. Your mechanic will not include them in the above service.

Tune up & Emission Control Maintenance

- V-belts: Check tension and condition, adjust if necessary.*
- Ignition wires, distributor cap and rotor: Check visually, replace if necessary.*
- Fuel filter: Replace.*
- Crankcase ventilation system: Check visually.
- Fuel system: Check visually for leaks.

Note to owner: Although not needed to fulfill **emission warranty requirements**, the manufacturer recommends the following at this time for all **California** models:

- V-belts: Check tension and condition, adjust if necessary
- Ignition wires, distributor cap and rotor: Check visually, replace if necessary.

45,000 miles / 72,000 km or 3 years after delivery – at your expense (cont'd)

Vehicle Maintenance

- Brake system: Check for damage and leaks.
- Brake linings and pads: Check thickness.
- Wheels and tires: Check for wear and damage.
- Front axle: Check dust seals on ball joints and tie rod ends, check tie rods.
- Steering and drive shafts: Check boots.
- Headlights: Adjust.

* Except **California** models.

Note to owner: Do your weekly checking of all items mentioned on page 6. Your mechanic will not include them in the above service.

During road test

Check efficiency of braking, kickdown (where applicable), steering, heating and ventilation systems.

After road test

- Exhaust system: Check for damage and leaks.
- Engine idle speed and idle CO: Check.*
- Engine: Check for leaks.

45,000 miles / 72,000 km
or 3 years after delivery

- Oil Change & Gen. Maint.
- Tune up & Emission Control
- Vehicle Maintenance

Date _____

Miles/kilometers _____

(dealer stamp)

Next Service

45,000 miles / 72,000 km
or 3 years after delivery

Help the engine keep cool and clean . . .

The coolant is a mixture of water and anti-freeze which circulates from the radiator through the engine to absorb excess heat.

- Keep the same coolant mixture at the proper level all year round. It will not only prevent the engine from overheating but also fight rust and corrosion.
- Before winter weather sets in have your dealer check the anti-freeze concentration. Consult the mixing table in your Owner's Manual.
- Use any quality phosphate-free anti-freeze containing ethylene glycol. Such anti-freeze is available at your VW dealer.

A clean air filter helps the engine to breathe.

- Air contains impurities which could cause friction and wear inside the engine.
- The air filter traps impurities and needs to be cleaned or replaced periodically.

A clean fuel filter helps the engine's economy.

- Have your dealer replace it at the intervals recommended in the maintenance schedule.

A clean oil filter helps the engine's efficiency.

- Have your dealer replace it at the intervals specified in the maintenance schedules.

52,500 miles / 84,000 km or 3½ years after delivery – at your expense

Oil Change & General Maintenance

- Engine: Change oil.

In addition, the brakes should be checked for proper functioning to assure safe and dependable operation of your VW.

- Brake system: Check for damage and leaks.
Check thickness of brake pads.

52,500 miles / 84,000 km
or 3½ years after delivery
Oil Change & Gen. Maint.

Date _____

Miles/kilometers _____

(dealer stamp)

Note to owner: Do your weekly checking of all items mentioned on page 6. Your mechanic will not include them in the above service.

60,000 miles / 96,000 km or 4 years after delivery – at your expense

Oil Change & General Maintenance

- Engine: Change oil. **(ECM)**
- Oil filter: Replace. **(ECM)**
- Manual Transmission: Check oil level.
- Automatic Transmission: Change ATF. Clean pan, strainer, replace gasket.
- Automatic Transmission, final drive: Check oil level.
- Cooling system: Check coolant level, add if necessary. **(ECM)**
- Air cleaner: Replace filter element. **(ECM)**
- Brake fluid: **Replace every 2 years regardless of miles/kilometers**
- Power steering: Check fluid level.
- Sliding door mounting points, guide tracks, roller guides: Lubricate.

(ECM) – Also Emission Control Maintenance item.

* Except **California** models.

Note to owner: Do your weekly checking of all items mentioned on page 6. Your mechanic will not include them in the above service.

Tune up & Emission Control Maintenance

- V-belts: Check tension and condition, adjust if necessary.*
- Compression: Check.*
- Spark plugs: Replace.
- Ignition wires, distributor cap and rotor: Check visually, replace if necessary.*
- Fuel filter: Replace.
- Crankcase ventilation system: Check visually.
- Fuel system: Check visually for leaks.
- Cylinder head cover gaskets: Replace.
- Oxygen sensor: Replace and reset OXS service reminder light after 60,000 miles/96,000 km, **regardless of time after delivery** (except **Canada** models).

Note to owner: Although not needed to fulfill **emission warranty requirements**, the manufacturer recommends the following at this time for all **California** models:

- V-belts: Check tension and condition, adjust if necessary
- Ignition wires, distributor cap and rotor: Check visually, replace if necessary.
- Compression: Check.

60,000 miles / 96,000 km or 4 years after delivery – at your expense (cont'd)

Vehicle Maintenance

- Brake system: Check for damage and leaks.
- Brake linings and pads: Check thickness.
- Wheels and tires: Check for wear and damage.
- Front axle: Check dust seals on ball joints and tie rod ends, check tie rods.
- Steering and drive shafts: Check boots.
- Headlights: Adjust.
- Brake warning light switch: **Check functioning every 2 years regardless of miles/kilometers.**

* Except **California** models.

Note to owner: Do your weekly checking of all items mentioned on page 6. Your mechanic will not include them in the above service.

During road test

Check efficiency of braking, kickdown (where applicable), steering, heating and ventilation systems.

After road test

- Exhaust system: Check for damage and leaks.
- Engine idle speed and idle CO: Check.*
- Engine: Check for leaks.

60,000 miles / 96,000 km
or 4 years after delivery

- Oil Change & Gen. Maint.
- Tune up & Emission Control
- Vehicle Maintenance

Date _____

Miles/kilometers _____

(dealer stamp)

Next Service

60,000 miles / 96,000 km
or 4 years after delivery

Regular maintenance pays off.

**Continue to record the maintenance
work performed**



<p>67,500 miles / 108,000 km or 4½ years after delivery</p> <p><input type="checkbox"/> Oil Change & Gen. Maint.</p> <p>Date _____</p> <p>Miles/kilometers _____ (dealer stamp)</p>	<p>75,000 miles / 120,000 km or 5 years after delivery</p> <p><input type="checkbox"/> Oil Change & Gen. Maint. <input type="checkbox"/> Tune up & Emission Control <input type="checkbox"/> Vehicle Maintenance</p> <p>Date _____</p> <p>Miles/kilometers _____ (dealer stamp)</p>	<p>82,500 miles / 132,000 km or 5½ years after delivery</p> <p><input type="checkbox"/> Oil Change & Gen. Maint.</p> <p>Date _____</p> <p>Miles/kilometers _____ (dealer stamp)</p>
<p>90,000 miles / 144,000 km or 6 years after delivery</p> <p><input type="checkbox"/> Oil Change & Gen. Maint. <input type="checkbox"/> Tune up & Emission Control <input type="checkbox"/> Vehicle Maintenance</p> <p>Date _____</p> <p>Miles/kilometers _____ (dealer stamp)</p>	<p>97,500 miles / 156,000 km or 6½ years after delivery</p> <p><input type="checkbox"/> Oil Change & Gen. Maint.</p> <p>Date _____</p> <p>Miles/kilometers _____ (dealer stamp)</p>	<p>105,000 miles / 168,000 km or 7 years after delivery</p> <p><input type="checkbox"/> Oil Change & Gen. Maint. <input type="checkbox"/> Tune up & Emission Control <input type="checkbox"/> Vehicle Maintenance</p> <p>Date _____</p> <p>Miles/kilometers _____ (dealer stamp)</p>

every 7,500 miles / 12,000 km
or every 6 months

Continue Service

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Specifications subject to alteration without notice.

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Maintenance Schedule

Miles in thousands	7.5	15	22.5	30	37.5	45	52.5	60	67.5	75	82.5	90
Kilometers in thousands	12	24	36	48	60	72	84	96	108	120	132	144
Months	6	12	18	24	30	36	42	48	54	60	66	72
Oil Change & General Maintenance	●	●	●	●	●	●	●	●	●	●	●	●
Tune up & Emission Control		●		●		●		●		●		●
Vehicle Maintenance		●		●		●		●		●		●