

MAINTENANCE SCHEDULES

CONTENTS

■ Introduction	264	■ Special Maintenance Requirements	267
■ Warranty	264	□ Brake Fluid	267
■ Maintenance - Without ASSYST Maintenance Computer	265	□ Coolant	267
□ Maintenance Intervals	265	□ Dust Filter for Heating/Ventilation Replacement	267
■ Maintenance - With ASSYST Maintenance Computer	266	■ Engine Oil Change and Filter Replacement	267
■ Regular Check-Ups	266	□ Once a Year	267
		■ Scope of Work for Maintenance service	268
		□ Oil Service	268
		□ Additional Maintenance Work	270
		□ Additional Maintenance Work After ... Years ...	270

INTRODUCTION

This is intended as a guide to the service requirements of your vehicle.

It contains all necessary instructions concerning service intervals and operations which have to be carried out.

Scope and frequency of maintenance work primarily depend on the vehicle's operating conditions.

In the interest of maintaining the vehicle's operating safety, the specified work should be performed regularly and in good time.

Our vehicles are subject to ongoing development. Technical progress may also affect the scope of service work performed.

"Daily vehicle checks" before starting a journey are the responsibility of the driver.

WARRANTY

The Sprinter Dealer network is at your disposal for maintenance work. Each of these workshops has the equipment and tools, the specially trained, skilled and experienced personnel and receives regular technical instruction from DaimlerChrysler Corporation to ensure that your vehicle is inspected and maintained thoroughly and in accordance with the latest procedures.

Please follow the instructions given in this Owner's Manual and ensure that they are observed, even if you hand the vehicle over to a third party for use or care. By not observing these instructions you may void your warranty rights.

If the specified oil and maintenance services are not carried out regularly or at the time intervals specified, a decision as to the validity of a warranty claim can only be made after DaimlerChrysler Corporation has investigated your claim.

The use of Special lubricant additives is not recommended. The use of such additives may affect your warranty rights. With regard to legal stipulations concerning emissions control, please note that engines have to be serviced and adjusted in accordance with special instructions and using special measuring equipment. Modifications to or interference with the emissions control systems are not permissible.

All Sprinter Dealer are familiar with the relevant and applicable regulations.

MAINTENANCE - WITHOUT ASSYST MAINTENANCE COMPUTER

Maintenance Intervals

Normal Operation

Oil service and fuel filter replacement – Refer to	every 10,000 miles or 16,000 km or 12 months
Maintenance service	every 30,000 miles or 48,000 km

Additional work must be carried out at yearly intervals.

As a general rule, to avoid unnecessary visits to the workshop you should try to have necessary repair work performed together with other maintenance work.

MAINTENANCE - WITH ASSYST MAINTENANCE COMPUTER

ASSYST provides you with information on the best possible timing for maintenance work.

When the next maintenance service is due, this will be indicated in the multi-function display with the symbol



Oil service and fuel filter replacement



Maintenance service - displayed in km/miles or days.



If the display shows the number of days, the symbol  will also appear in the multi-function display.

You should have the maintenance performed within the stated period/distance.

The service indicator will be reset by your Sprinter Dealer after an oil service and/or maintenance service has been performed.

REGULAR CHECK-UPS

To maintain the safe operation of your vehicle, it is recommended that you perform the following tasks on a regular basis (i.e., weekly or whenever the vehicle is refueled). Check:

- Engine oil level
- Brake system, clutch mechanism – fluid level
- Battery – acid level
- Windshield washer system and headlamp cleaning system – fluid level
- Mechanical assemblies (e. g. ,engine, transmission, etc.) – check for leaks
- Condition of tires and tire pressures
- All exterior lights

SPECIAL MAINTENANCE REQUIREMENTS

If bodies built by manufacturers other than DaimlerChrysler Corporation are fitted to the vehicle, the maintenance requirements and lubrication intervals specified by the body manufacturer must be adhered to, in addition to all standard maintenance requirements.

Brake Fluid

Only use brake fluids approved by the manufacturer (DOT 4 plus). Information about brake fluids is available from your Sprinter Dealer.

Coolant

Have the corrosion inhibitor/antifreeze concentration in the coolant checked before the onset of winter (once a year in countries with high prevailing temperatures).

Have the coolant renewed every five years or 100,000 miles.

Dust Filter for Heating/Ventilation Replacement

The dust filter and the tailgate interior filter are renewed during routine maintenance service. However, if operating conditions are dusty, these filters should be renewed more frequently.

ENGINE OIL CHANGE AND FILTER REPLACEMENT

In a minimum, change the engine oil and oil filter once a year - even if the vehicle mileage per year is extremely low. For standard oil service schedules, please see the chapter oil service and maintenance service.

Once a Year

Select the viscosity of the engine oil (SAE classes) according to the outside air temperature.

Only use engine oil approved by DaimlerChrysler Corporation if following the ASSYST system guidelines.

Information is available from your Sprinter Dealer.

If the fuel used has a sulphur content exceeding 0.05 % by weight, the service intervals should be split in half.

If the sulphur content of the fuel used is between 0.3% and 0.8% by weight, the service intervals should be split in half (i.e. every 5,000 miles instead of every 10,000 miles).

SCOPE OF WORK FOR MAINTENANCE SERVICE

Oil Service

Oil change

Engine:

Oil change and filter replacement

Check fluid levels of the following system, refill as necessary.

If fluid is lost, trace and eliminate cause – as a separate order.

Power-assisted steering

Lubrication work:

Trailer tow hitch (original equipment)

Maintenance

ASSYST maintenance computer reset

Function check

Signalling system,
warning and indicator lamps

Headlamps, exterior lighting

Windscreen wipers,
windscreen washer system

Check for leaks and damage.

Check for abrasion points and ensure that
lines are correctly routed!

All assemblies:

Engine, transmission, transfer case, front axle, rear
axle, steering, power steering pump

All lines and hoses, sensor cables

Rubber boots on front axle drive shafts,
rubber boots on front axle suspension ball joints, shock
absorbers

Check fluid levels for the following systems, correct as necessary.

Should there be a loss of fluid which cannot be explained by regular use, trace and eliminate the cause.

Engine cooling system

Check corrosion inhibitor/antifreeze, refill as necessary.

Hydraulic brake system

Battery

Windscreen washer system

Engine

Fuel filter renewal

Air cleaner with maintenance indicator:

Check degree of contamination.

Air cleaner filter element renewed as necessary.

Chassis and body

Trailer coupling:

Check operation, play and retaining fixtures

Secondary rubber springs:

Visual check

Tire pressures:

Correct as necessary, including spare tyre

Check thickness of brake pads

Brake test

Check condition of brake disks. Brake disks renewal as necessary – as a separate order

Check condition of steering mechanism

Heating/ventilation dust filter renewal

270 MAINTENANCE SCHEDULES

Additional Maintenance Work

Automatic transmission once only at 80,000 miles/
128000km

Oil and filter change

During every second maintenance service

Air cleaner without maintenance indicator:

Air cleaner filter element renewal

Check poly-V-belt for wear and signs of damage

During every sixth maintenance service

Rear axle

Additional Maintenance Work After ... Years

Every 2 years

Change brake fluid

Every 3 years

Air cleaner filter element renewal
(note installation date)

Every 15 years or 100,000 miles

Coolant renewal

Note coolant composition