

## Vehicle & service details

### Mercedes-Benz E500 S212

5.5 litre · 285 kW | Nov 2009 - Dec 2011 | Wagon | Petrol

Vehicle REGO

VIN (17 characters)

Service date

Odometer (km)

Service type / A or B

## Capacities & specifications

Engine oil capacity

**8.5 L**

Oil change with filter

Coolant capacity

**7 L**

Engine cooling system

Service refill

Engine oil specification

**MB 229.5**

Coolant specification

**MB 325.6 or MB 326.6**

MB 325.6: concentrate, dilute before use

MB 326.6: premixed, do not add water

Check levels after filling. Coolant capacity is the system volume, not a top-up amount. Let the cooling system cool before opening the reservoir.

## Products used

Engine oil brand / product

Viscosity

Oil added (L)

Coolant brand / product

Mix / concentration

Coolant added (L)

Record the amount actually used above. Keep product labels and receipts with this record.

Work / findings / follow-up

Parts / part numbers / receipts

Completed by

Next service date

Next service (km)

# Service checklist

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Service A and Service B alternate, normally once a year. Follow the time or kilometres remaining on your dashboard, whichever comes first. Extra work can fall due with either service.

## Service A

When Service A is due on the dashboard

### Replace

- ☐ Replace the engine oil and oil filter.
- ☐ Replace the activated-charcoal cabin filter.

### Check & maintain

- ☐ Check brake operation, pads and discs.
- ☐ Check tyre condition and pressures, including the spare if fitted.
- ☐ Check coolant, brake-fluid and washer-fluid levels.
- ☐ Check the lights, horn, wipers and washers.
- ☐ Check the bonnet catch and door hinges.
- ☐ Clear the water drains in the engine compartment.

## Service pattern

| Year      | Work due                                                                                                                    |
|-----------|-----------------------------------------------------------------------------------------------------------------------------|
| 1 / 3 / 5 | Engine oil and oil filter;<br>Activated-charcoal cabin filter; Service A checklist                                          |
| 2 / 4 / 6 | Engine oil and oil filter;<br>Activated-charcoal cabin filter; Brake fluid and inspect the brake lines; Service B checklist |

## Wiper blades

Front: 600 / 600 mm

Up to Feb 2014: Bosch A939S. Side-lock (RBSL1.1).

Rear: 300 mm (12 in), Bosch H301. Vehicle-specific rear fitting.

Right-hand drive only. Match the build month and arm connector.

## Service B

When Service B is due on the dashboard

### Replace

- ☐ Replace the engine oil and oil filter.
- ☐ Replace the activated-charcoal cabin filter.

### Check & maintain

- ☐ Check brake operation, pads and discs.
- ☐ Check tyre condition and pressures, including the spare if fitted.
- ☐ Check coolant, brake-fluid and washer-fluid levels.
- ☐ Check the lights, horn, wipers and washers, including headlamp washers if fitted.
- ☐ Check the bonnet catch and door hinges.
- ☐ Check the suspension for wear or damage.
- ☐ Check the engine compartment and underside for leaks or damage.
- ☐ Check the auxiliary drive belt for wear.
- ☐ Check seat belts and buckles for damage and proper operation.
- ☐ Check the headlamp aim and levelling, if fitted.
- ☐ Clear the water drains in the engine compartment.
- ☐ Check power-steering fluid, except on cars with Direct-Steer.
- ☐ Check the separate charge-cooler coolant reservoir, if fitted.
- ☐ Check steering joints, ball joints and protective boots for play or damage.
- ☐ Check the driveshaft and flexible couplings.

# Maintenance reference

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## When to change each item

| Item                            | When to change / inspect                                                                                     |
|---------------------------------|--------------------------------------------------------------------------------------------------------------|
| Engine oil and oil filter       | Every 1 year, or sooner if shown on the dashboard                                                            |
| Activated-charcoal cabin filter | Every 1 year, or sooner if shown on the dashboard                                                            |
| Brake fluid                     | Every 2 years                                                                                                |
| Brake pads and discs            | Inspect at each service; replace when worn<br>Brake pads do not have a fixed kilometre replacement interval. |
| Wiper blades                    | Inspect at each service; replace as needed                                                                   |
| Tyres                           | Inspect at each service; replace as needed                                                                   |

Service sooner if the dashboard kilometre limit is reached before the year is up.

This pattern starts with the first service. Use your service history to find your place in the cycle; count separate fluid and filter intervals from their last change.

## Reset the service reminder

For the steering wheel with phone and OK buttons. Reset only after completing the service.

1. Close the bonnet, doors and boot. Turn the key to position 1 and show the odometer.
2. Highlight Trip. Within five seconds, hold the answer-call button; within one second, also hold OK. Keep both pressed for about five seconds.
3. Use the arrow buttons to choose ASSYST PLUS, then Full Service. Press OK at each selection.
4. Choose Confirm Serv. If asked, select the specification of the oil you used.
5. Answer Yes to the completed-service prompt, then confirm the final prompt. The display confirms that the full service is complete.
6. Press OK, then Back until the odometer returns. Turn the key to position 0.

## Service history

| Date | Odometer (km) | Work completed / next item due |
|------|---------------|--------------------------------|
|      |               |                                |
|      |               |                                |
|      |               |                                |