2010-2024 Mercedes-Benz Sprinter | Moderate | 30-60 minutes | $57 DIY

TOOLS

Floor jack or ramps and rated jack stands if needed Oil-drain pan, funnel, gloves, and eye protection Socket or wrench for the drain plug and oil-filter tool Calibrated torque wrench and shop towels

PARTS

Engine Oil (0W-30 or 0W-40) $45.00
Correct engine oil filter and drain-plug washer for 2010-2024 Mercedes-Benz Sprinter $12.00

STEPS

1. **Confirm the diesel specs - this is a big oil change - The 2010-2024 Mercedes-Benz** Sprinter's most common US engine is the OM642 3.0L V6 turbo diesel, and it drinks oil: 13 LITERS with a filter change. Use 0W-30 or 0W-40 meeting MB-Approval 229.51 or 229.52 (low-ash, to protect the diesel part...
2. **Warm up and make the tall van safe - Park on level ground, set the parking brake, and** chock the wheels. Lay out the filter, the crush washer, and your tools - with 13 liters to handle, you want everything within reach before the plug comes out.
3. **Drain all 13 liters - Position the large drain pan under the oil pan, loosen the drain** plug, and remove it by hand. The OM642 takes a while to drain fully, so be patient - several minutes at least. Diesel oil comes out black even when healthy, so do not judge...
4. **Replace the cartridge filter - The OM642's cartridge housing is on top of the engine -** open the hood and locate it. Loosen the cap, lift it out with the old element, and discard the old cartridge and O-rings. Fit the new O-rings from the filter kit with a film of fres...
5. **Refill 13 liters, verify, and reset the service indicator - Pour in 13 liters of MB** 229.51/229.52 0W-30 or 0W-40 through a funnel and reinstall the fill cap. Inspect the drain plug and housing for leaks. Reset the service indicator through the cluster and log the mileage and date.

TORQUE

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