

ENGINE OIL REPLACEMENT [LF]

B3E011114001W04

Warning

- Remove and install all parts when the engine is cold, otherwise they can cause severe burns or serious injury.
- A vehicle that is lifted but not securely supported on safety stands is dangerous. It can slip or fall, causing death or serious injury. Never work around or under a lifted vehicle if it is not securely supported on safety stands.
- Continuous exposure to used engine oil has caused skin cancer in laboratory mice. Protect your skin by washing with soap and water immediately after working with engine oil.

Caution

- In case you spill engine oil on the exhaust system, wipe it off completely. If you fail to wipe the spilled engine oil, it will produce fumes because of the heat.

1. Position the vehicle on level ground.
2. Remove the oil filler cap.
3. Remove the oil pan drain plug.
4. Drain the engine oil into a container.
5. Install the oil pan drain plug with a new washer.

Oil pan drain plug tightening torque
30-41 N·m {3.1-4.1 kgf·m, 23-30 ft·lbf}

Note

- The amount of residual oil in the engine can vary according to factors such as the replacement method, oil temperature. Verify the oil level after engine oil replacement.

6. Refill the engine with the type and amount of engine oil specified in the table.

Recommended engine oil

Item	Specifications			
	Europe		Except Europe	
Grade	API SL or ACEA A3/A5	API SL or ACEA A3	API SG/SH/SJ/SL or ILSAC GF-2/GF-3	
Viscosity (SAE)	5W-30	10W-40	5W-20	40, 30, 20, 20W-20, 10W-30, 10W-40, 10W-50, 20W-40, 15W-40, 20W-50, 15W-50, 5W-20, 5W-30
Remarks	Mazda genuine Dexelia oil e.g.		-	-

Oil capacity (approx. quantity)

L {US qt, Imp qt}

Item	Specifications
Oil replacement	3.9 {4.1, 3.4}

Oil and oil filter replacement	4.3 {4.5, 3.8}
Total (dry engine)	4.6 {4.9, 4.0}

7. Install the oil filler cap.

8. Start the engine and confirm that there is no oil leakage.

- If there is oil leakage, find the cause and repair or replace the applicable part.

9. Inspect the oil level. (See [ENGINE OIL LEVEL INSPECTION \[LF\]](#).)