

Component Procedures: Oil Filter Adapter

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Component Procedures: Oil Filter Adapter

Parts and Labor (itype_189)

Labor

Operation	Qualifier Path	Skill	Std Hrs	Wty Hrs
Remove & Replace	Oil Pan > Filter Adapter, R&R	B	2.1	0.0

Oil Filter Adapter Replacement (Article 12188)

Removal Procedure

- Disconnect the battery. Refer to Battery Negative Cable Disconnection and Connection .
- Remove the intake manifold cover (2). Refer to Intake Manifold Cover Replacement - Front . Click for full-size image
- Remove the oil filter and allow to drain. Refer to Engine Oil and Oil Filter Replacement .
- Install the oil filter.
- Remove the drive belt . Refer to Drive Belt Replacement . Click for full-size image
- Remove the power steering pump and bracket (1). Refer to Power Steering Pump Replacement . Click for full-size image
- Remove the A/C compressor bolts and reposition the A/C compressor in order to gain access to the oil filter adapter fasteners. Refer to Air Conditioning Compressor Replacement .
- Disconnect the oil pressure sensor electrical connector.
- Place a drain pan under the vehicle. Click for full-size image
- Remove the oil filter adapter bolts (1 and 2).
- Remove the oil filter adapter (3).
- Remove and discard the oil filter adapter gasket.

Installation Procedure

- Position a NEW oil filter adapter gasket onto the oil filter adapter. Click for full-size image
- Install the oil filter adapter (3). Click for full-size image
- Install the oil filter adapter bolts (1, 2) into the oil filter adapter and hand tighten.
- Tighten the oil filter adapter bolts (2) to 25 Nm (18 lb ft) .
- Tighten the oil filter adapter bolt (1) to 58 Nm (43 lb ft) .
- Connect the oil pressure sensor electrical connector.
- Install the A/C compressor with the A/C pipes to the engine. Refer to Air Conditioning Compressor Replacement .
- Install the power steering pump and bracket (1). Refer to Power Steering Pump Replacement . Click for full-size image
- Install the drive belt. Refer to Drive Belt Replacement . Click for full-size image
- Install the intake manifold cover (2). Refer to Intake Manifold Cover Replacement - Front . Click for full-size image
- Connect the battery. Refer to Battery Negative Cable Disconnection and Connection .
- Check and add engine oil as necessary.