

Filter_removal

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Chapter 1. Filter removal Procedure-Engine Maintenance

Purpose:

This document provides the procedure for removal engine filter from Epiroc machine to make sure operator safety

Scope:

Applicable to all field operator and maintenance engineer technicians working on Epiroc approved site.

Chapter 2. Prerequisties:

Ensure the engine is stopped , surface is clean.

PPE is worn.

Chapter 3. Procedure:

This task describes the correct method for removing the engine oil filter from machine.

1. Turn off the engine and allow it to cool down(at list 15 minutes).

2.  **Warning:**

Always wear gloves and eye protection. Engine componentes may be hot.

Wear protective gloves and safety goggles.

3. Place a drip tray below the engine filter to collect oil spillage.
4. Locate the engine oil filter wrench, turn the filter counter clockwise to loosen it.
5. Carefully remove the filter by hand, keep it upright to prevent oil spill.
6. Dispose of the used filter as per environment all safety guidelines.

The engine oil filter is successfully removed and ready for replacement.

Chapter 4. Engine filter removal safety



Warning:

Always wear gloves and eye protection. Engine components may be hot.

Chapter 5. Filter Disposal guidelines

Material	Disposal Method
Used oil filter	Seal and deliver to hazardous waste facility
Spilled oil	Absorb and dispose as per MSDS