

2011-2024 Ram 5500 | Moderate | 45-60 minutes

## TOOLS

Socket set Drain pan Rags Gloves  
Safety glasses Lint-free cloths

## PARTS

Fuel filter (2011-2024 Ram 5500 6.7L Cummins)  
Fuel filter housing O-rings (if not included)

## STEPS

- 1 Prepare and Locate Filter - Park your Ram 5500 with the 6.7L Cummins on level ground, set the parking brake, and turn off the engine. The primary fuel filter is located on the driver's side of the engine. Allow the engine to cool and gather a new Mopar or equivalent...**
- 2 Drain the Filter Housing - Place a drain pan under the fuel filter housing to catch spilled diesel. The 6.7L filter housing has a drain valve; open it to drain fuel from the housing before removing the filter. This minimizes spillage when you open the housing.**
- 3 Remove Old Filter Element - Unscrew the fuel filter housing cap using the appropriate socket. Lift out the old fuel filter element and inspect the housing for sediment or water contamination. Clean the inside of the housing with a lint-free cloth if debris is present.**
- 4 Install New Filter - Install the new fuel filter element into the housing, ensuring the O-rings are properly seated and lightly lubricated with clean diesel. Thread the housing cap back on by hand to avoid cross-threading, then tighten to specification. Close...**
- 5 Prime the Fuel System - Prime the fuel system by cycling the ignition key to the ON position (without starting) for 30 seconds, then OFF. Repeat 3-4 times to allow the electric lift pump to fill the filter housing and purge air. This step is critical; skipping it...**
- 6 Start Engine and Check for Leaks - Start the engine and let it idle, checking the filter housing for any fuel leaks. The engine may stumble briefly as remaining air purges. Take a short test drive, recheck for leaks, and reset the fuel filter life monitor if equipped.**