2003-2007 Cadillac CTS - Oil and Filter Change

2003-2007 Cadillac CTS | Easy | 30-45 minutes | $44 DIY

TOOLS

Ramps or jack and stands Wrench set
Cartridge filter socket Drain pan
Funnel Rags Gloves

PARTS

5W-30 engine oil (6 quarts) $35.00
Cartridge oil filter with O-ring $9.00

STEPS

1. **Warm the engine and secure the car - Let the CTS idle for 2-3 minutes to thin the oil,** then park on a level surface and set the parking brake. The first-generation CTS needs about 6 quarts of 5W-30. Open the hood.
2. **Remove the engine cover and oil cap - Pull the plastic engine cover straight up off its** mounting studs to access the top of the engine. Twist off the oil fill cap to vent the crankcase for faster draining. Set the cover somewhere clean - its underside collects grime you do n...
3. **Drain the oil from underneath - Raise the front on ramps or jack stands and locate the** drain plug on the oil pan. Place the drain pan underneath, loosen the plug with a wrench, and finish by hand. Let it drain for 10 minutes until the stream becomes occasional drips.
4. **Replace the top-side cartridge filter - Unscrew the cap with a filter socket, lift out** the old paper element, and wipe the housing. Install the new element, lubricate the fresh O-ring with clean oil, and thread the cap back on snugly - do not overtighten the plastic.
5. **Reinstall the plug and add oil - Thread the drain plug back in by hand and snug it with** the wrench. Lower the car if raised. Pour in 6 quarts of 5W-30 through the fill tube, then reinstall the fill cap and press the engine cover back onto its studs.
6. **Check the level and leaks - Start the engine for 30 seconds, shut it off, wait 2 minutes,** and confirm the dipstick reads full. Look underneath for leaks at the plug.
7. **Recycle the old oil and filter - Seal the used oil in containers and bag the old** cartridge for the recycling drop-off. Most parts stores take both free of charge. Record the mileage - plan the next change at 5,000-7,500 miles depending on oil type and driving conditio...

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