

Lincoln Mark VII Engine Oil Change

WARNING: THE ELECTRICAL POWER SUPPLY TO THE AIR SUSPENSION SYSTEM MUST BE SHUT OFF PRIOR TO HOISTING, JACKING OR TOWING AN AIR SUSPENSION VEHICLE. THIS CAN BE ACCOMPLISHED BY DISCONNECTING THE BATTERY OR TURNING OFF THE POWER SWITCH LOCATED IN THE LUGGAGE COMPARTMENT ON THE LEFT HAND SIDE. FAILURE TO DO SO MAY RESULT IN UNEXPECTED INFLATION OR DEFLATION OF THE CAR WHICH MAY RESULT IN SHIFTING OF THE VEHICLE DURING THESE OPERATIONS OR DEATH.

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I started with six quarts of 10W-40 and a V8A oil filter. I raised the front of the car with a floor jack and supported it with jack stands.

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With a 9/16 box end wrench, I removed the front oil pan drain plug and drained the oil into a container

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With a 7/8 box end wrench, I removed the rear oil pan drain plug and drained the oil into a container. I replaced both oil pan drain plugs.

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I removed the oil filter. If your oil is changed regularly, then the filter (once cleaned) may be removed without tools. If you're going to change your own oil from now on, then I'd buy an oil filter wrench. Once when I didn't have a wrench and the filter was on very tight, I stuck a six inch long blade screwdriver completely through one side of the old filter and used that to turn it off of it's base.

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I drained the old oil filter into my oil receptacle. The filter holds almost a quart of oil.

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USING FRESH oil, I lubricated the new oil filter gasket.

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I cleaned the mating surfaces at the engine block and installed the new filter. I double checked that both oil pan drain plugs were installed.

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I installed three quarts of motor oil and then checked my engine oil level. I then added more oil in 1/2 quart increments, checking the level each time, until I reached the desired level as indicated on my engine oil dipstick.