

Shelby GT350 Ford Mustang

Maintenance

ENGINE OIL CHECK

See the scheduled maintenance information for the appropriate intervals for checking the engine oil.

1. Make sure the vehicle is on level ground.
 2. Turn the engine off and wait 15 minutes for the oil to drain into the oil pan.
 3. Set the parking brake and make sure the gearshift is securely latched in first gear.
 4. Open the hood. Protect yourself from engine heat.
 5. Locate and carefully remove the engine oil level dipstick.
 6. Wipe the dipstick clean. Insert the dipstick fully, then remove it again.
 7. Put the dipstick back in and make sure it is fully seated.
- If the oil level is between the lower and upper holes, the oil level is acceptable. DO NOT ADD OIL.
 - If the oil level is below the lower hole, add enough oil to raise the level within the lower and upper holes.

Engine Oil Recommendation

Use Motorcraft SAE 5W-50 full synthetic or an equivalent SAE 5W-50 full synthetic oil meeting Ford specification WSS-M2C931-B.

Do not use supplemental engine oil additives, cleaners or other engine treatments. They are unnecessary and could lead to engine damage that is not covered by Ford warranty.

Change your engine oil and filter according to the appropriate schedule listed in the scheduled maintenance information.

CHANGING THE ENGINE OIL AND OIL FILTER

1. Remove the old oil filter and dispose of properly.
2. Wipe the engine seal surface and threads with a clean rag.
3. Apply oil to the new oil filter seal.
4. Install the oil filter and torque to 22-24 Nm (16-18 ft-lb).

Note: Use only a Motorcraft FL-2069-ST oil filter for maximum performance, reliability and durability. This filter was specifically engineered for this vehicle.

Note: The use of any oil filter other than the dealer supplied oil filter may cause engine damage.

See the Engine Oil Check section in the Maintenance chapter of your Owner's Manual for information on changing the engine oil.

ENGINE COOLANT CHECK

The concentration and level of engine coolant should be checked at the mileage intervals listed in the scheduled maintenance information.

Note: Make sure that the level is between the MIN and MAX marks on the engine and coolant reservoirs.

Note: Coolant expands when it is hot. The level may extend beyond the MAX mark. If the level is at the MIN mark, add coolant immediately.

The coolant concentration should be maintained within 48% to 50%, which equates to a freeze point between -29°F (-34°C) and -35°F (-37°C).

Capacities and Specifications

3.7 L + 5.0 L 32V TI-VCT
Ford Mustang

Specifications

Materials

Name	Specification
Recommended motor oil (U.S.): Motorcraft SAE 5W-20 Premium Synthetic Blend Motor Oil XO-5W20-QSP	WSS-M2C945-A
Recommended motor oil (Canada): Motorcraft SAE 5W-20 Synthetic Motor Oil CXO-5W20-LSP12	WSS-M2C945-A
Recommended motor oil (Mexico): Motorcraft SAE 5W-20 Synthetic Motor Oil MXO-5W20-QSP	WSS-M2C945-A
Optional motor oil (U.S. and Mexico): Motorcraft SAE 5W-20 Full Synthetic Motor Oil XO-5W20-QFS	WSS-M2C945-A
Optional motor oil (Canada): Motorcraft SAE 5W-20 Synthetic Motor Oil CXO-5W20-LFS12	WSS-M2C945-A
Engine coolant (U.S. and Mexico): Motorcraft Orange Antifreeze/Coolant Prediluted VC-3DIL-B	WSS-M97B44-D2
Engine coolant (Canada): Motorcraft Orange Antifreeze/Coolant Prediluted CVC-3DIL-B	WSS-M97B44-D2
Brake fluid: Motorcraft DOT 4 Low Viscosity (LV) High Performance Motor Vehicle Brake Fluid PM-20	WSS-M6C65-A2
Rear axle fluid: Motorcraft SAE 75W-85 Premium Synthetic Hypoid Gear Lubricant XY-75W85-QL	WSS-M2C942-A
Rear axle friction modifier (U.S. and Mexico): ¹ Motorcraft Additive Friction Modifier XL-3	EST-M2C118-A
Rear axle friction modifier (Canada): ¹	EST-M2C118-A