

Cannonball Garage - CSO Engine Care Guide

McLaren M838T / M840T Platform

Thank You for Trusting Cannonball Garage

Your engine has been rebuilt by the best. To ensure maximum reliability, performance, and longevity, please follow the guidelines below. These are not just recommendations—they're essential for protecting your investment.

Engine Oil Recommendations

Regular oil changes are crucial to the long-term health of your engine.

Use Only High-Quality Oils as Specified Below:

Cooler Climates: 0W-40 Amsoil European Blend

Warmer Climates / High HP Applications: 10W-60 Amsoil European Blend

Oil Change Schedule:

Standard Use: Every 6 months or 3,000 miles (whichever comes first)

High Ethanol Fuel Use (e.g., E85): Every 3 months or 1,500 miles

Oil Filter Inspection

We strongly recommend disassembling and inspecting the oil filter media at every oil change. This is a critical step to detect early signs of internal engine issues – especially in McLaren engines. Pay close attention to the presence of metal particles, which may indicate a failing factory oil pump shaft, a known issue in some McLaren platforms. Even fine metallic debris can be an early warning sign of internal wear or impending failure. If any metallic material or unusual debris is found, stop driving the vehicle immediately and contact Cannonball Garage for guidance.

General Operating Practices

• Engine Warm-Up

Always warm the engine to normal operating temperature before:

- Entering positive boost
- Revving to high RPM

Note: Oil temperature rises slower than coolant temperature. If your vehicle lacks an oil temp gauge, allow extra time before spirited driving.

• Check Oil Level Frequently

McLaren engines like the M838T and M840T are known to consume oil, even in factory condition. Check oil level at every fill-up.

• Engine Cool Down

After full throttle or spirited driving, let the engine idle for 1-2 minutes before shutting it off. This helps cool down turbochargers, valves, and other heat-sensitive components.

Power Increase Statement

Please be advised that the CSO engine rebuild may cause a substantial increase in horsepower/torque of your vehicle. We do not endorse or in any other way support or promote unsafe or illegal use of your vehicle. As a result, we request that you acknowledge that the drivability of your car may be affected by such increase and you assume all responsibility and liability for receiving your vehicle from us in this changed condition. As partial consideration for our services, neither Cannonball Garage nor its principals, nor its agents assume any liability for any acts, including an error or accident, injury, death, or other consequence resulting from the increase in power made to your vehicle at your request. Further, you, your assigns, heirs, and representatives hereby release, hold harmless, and will indemnify Cannonball Garage from any such acts or claims or causes of action relating thereto.

Drive Responsibly - Stay Vigilant - Enjoy the Ride

For questions about maintenance, recommended fluids or anything else, please reach out. We're proud to support your McLaren journey.

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