



# Callaway HD Cooling Systems

Finally, the ultimate cooling solution for your C7 Corvette.

## HD Cooling System - Level 1 features:

- Carbon fiber grille surround with laser-cut Callaway insert
- High flow-rate intercooler pump for enhanced heat transfer; flows 20% more than SC757 pump and 35% more than stock Z06 pump
- High flow-rate thermostat assembly; CNC-machined housing, anodized in Callaway Blue, with new high-flow thermostat
- Increased intercooler system capacity

## HD Cooling System - Level 2 includes Level 1 parts, plus:

- Carbon fiber splitter; works with Corvette Stage 2 and Stage 3 aero configurations.
- Carbon fiber front undertray with integrated brake cooling channels, extending rearward to front subframe
- Air-to-oil heat exchanger integrated between new splitter and undertray, replacing OEM oil-to-water heat exchanger
- Lightweight Hi-Temp polymer braided -10AN oil cooler lines with CNC-machined thermostatically controlled adapter housing

## HD Cooling Grille - features:

- Carbon fiber grille surround with laser-cut Callaway insert
- Integrated ducts direct cooling air to front brakes
- Cold air duct feeds fresh, ambient air to engine intake
- Installed exclusively at Callaway facilities

It's common knowledge that the C7 Corvette Z06 cooling system can be overtaxed during aggressive driving or on-track use. The result is power loss as the stock intercooler system isn't capable of removing enough heat from the compressed inlet air. Plus, excessive oil temperature can have an adverse effect on engine oil lubrication properties, resulting in serious damage to engine components.

Callaway HD Cooling Systems were developed in a collaborative effort with sister company, Callaway Competition of Leingarten, Germany, and Entwicklungs Partner, Tikt Performance of Stephanskirchen, Germany. We turned to Callaway's 25 years of motorsports success, combined with Tikt's road car product development and advanced manufacturing capabilities, to support the introduction of a proper cooling system solution.

While HD Cooling Systems work best with the Callaway GenThree™ supercharger system, they also perform well with otherwise stock Z06 Corvettes. Now you can focus on improving your lap times without fearing the uncontrolled rise of the temperature gauges and the dreaded "limp mode". In fact, during testing, Callaway engineers reported a significant improvement in overall performance as power was not lost by running at higher temperatures for extended periods.

The "Level 1" system focuses on keeping engine coolant temperature under control and improving performance of the supercharger's intercooler system. Oil temperatures are inherently improved, as this system is cooled by the engine's coolant circuit. This system is ideal for spirited road driving, for autocross or for high speed open road racing events. Top speed can now be maintained with all temperatures controlled.

The "Level 2" system contains all Level 1 system components, and adds a complete oil cooling system and additional aerodynamic parts allowing full track day sessions for expert drivers without encountering limp mode. The new air-to-oil cooler combined with the removal of the OE water-to-oil heat exchanger provide a substantial decrease in engine oil temperature. Plus, the new splitter and undertray provide considerable aerodynamic improvement, shifting balance to reduce understeer.

The HD Cooling Grille is also offered separately, with integrated ducts providing cooling air to front brakes and cool air to the engine intake.

All HD Cooling System products are installed exclusively at Callaway facilities in Connecticut and California by our expert technicians. A Level 1-equipped car may be upgraded to Level 2 spec at any time.

Product Name	Model Year/Application		Part No.
HD Cooling Option, SC757	2015-2019 Callaway Corvette SC757	Level 1	105.72.3310
		Level 2	105.72.3311
HD Cooling System, C7 Z06	2015-2019 Corvette Z06	Level 1	105.72.3314
		Level 2	105.72.3315
HD Cooling Grille, C7	2015-2019 Corvette Z06 & Callaway Corvette SC757	Grille Only	150.72.8105