



2020 Shelby® GT500®

Meet the Shelby GT500

Start with a legend. Now add 760 horsepower,⁽¹⁾ track capability and the visual swagger to back it up. The result is the 2020 Mustang Shelby GT500 — capable of producing the best-ever Mustang track times.

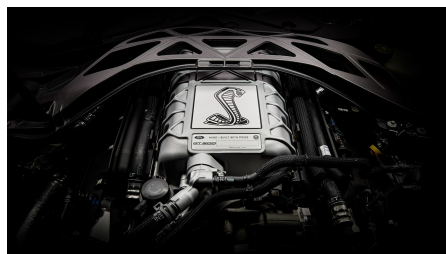
Specifically, the Ford Performance Team added a supercharged engine, an all-new TREMEC® dual-clutch 7-speed transmission, racing-inspired aerodynamic features for optimized downforce and exceptional handling capability. They followed up with hours and hours of real-world track testing to make sure they achieved the right balance and met aggressive targets. They succeeded. *Shelby GT500 is available this fall.*



EXCLUSIVE TO SHELBY GT500

- **20" Exposed Carbon Fiber Ebony Black-painted wheels available**
- **20" flow-formed High Gloss Black aluminum wheels standard**
- **5.2L Supercharged V8 engine**
- **Adjustable rear GT4 carbon fiber track wing**
- **Carbon Fiber Track Pack** available (with rear seat delete)
- **Front-splitter side wickers**
- Functional GT500 louvered hood vent helps maximize **front-end airflow**
- Six heat exchangers to increase **airflow** by 50 percent compared to the Shelby GT350
- **TREMEC® 7-speed dual-clutch transmission**

KEY MESSAGES

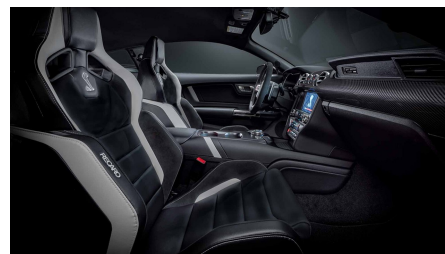


The Peak of Performance

The stopwatch doesn't lie and the all-new Shelby GT500 lets the lap times do the talking. The all-new 760-horsepower⁽¹⁾ 5.2L Supercharged V8 and exclusive TREMEC® 7-speed dual-clutch transmission get things moving while massive track-ready Brembo™ brake calipers slow things down. MagneRide® suspension and Michelin® Pilot® Sport "S4" tires help keep things on track.



Race-Inspired Aerodynamics



Driver-Centric Cockpit

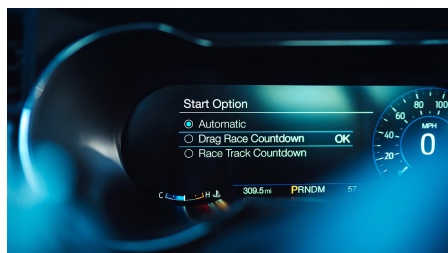
Every element of the Mustang Shelby GT500 driver-focused cockpit reflects its track-inspired credentials. Details like the leather-trimmed and Miko® suede sports seats, aluminum pedals, aluminum instrument panel accents and leather- and Alcantara®-wrapped steering wheel with magnesium paddle shifters and center marker reinforce the high-performance theme.

[Go to Performance and Handling >>](#)

It may be an understatement to call the all-new Mustang Shelby GT500 an aggressively styled performance car. It starts with the signature Mustang profile and raises the bar with gorgeously functional aerodynamic enhancements. A front splitter with side wickers and louvered hood vent help the GT500 aggressively channel airflow for maximum aerodynamic effect and cooling efficiency. Choose one of three rear deck spoiler configurations; raised, swing or GT4 wing to work in harmony with the lower diffuser.

[Go to Exterior >>](#)

[Go to Interior >>](#)



Quick — and Connected

Shelby GT500 owners are always connected. This all-new Mustang model provides the modern technology the driver needs, with FordPass Connect 4G LTE Wi-Fi hotspot, 12" LCD digital instrument cluster with MyColor and SYNC 3 system featuring an 8" color LCD touchscreen in the center stack.

[Go to Technologies >>](#)

The Power of Safety

Mustang Shelby GT500 owners have the ability to drive fast — and the right features to drive safely. AdvanceTrac electronic stability control is tuned for performance driving. While Pre-Collision Assist with Pedestrian Detection and Automatic Emergency Braking (AEB) work to help reduce the severity of, or possibly prevent, a frontal collision.

[Go to Safety and Security >>](#)

SPECIFICATIONS

- Dimensions/Weights/Capacities
- Powertrain
- Chassis
- Towing
- Warranties

SHELBY GT500 PRIDE POINTS

- Delivers more downforce than any street-legal Mustang to date
- Largest front brakes ever on a Mustang
- Most aerodynamically advanced street-legal Mustang ever
- Produces best-ever Mustang track times

(1) Horsepower and torque ratings are based on premium fuel per SAE J1349® standard. Your results may vary.

NOTE: Alcantara is a registered trademark of Alcantara S.p.A., Italy.

NOTE: Brembo is a trademark of Brembo S.p.A.

NOTE: MagneRide is a trademarked technology of BWI Group.

NOTE: Michelin is a registered trademark of Michelin North America, Inc.

NOTE: Miko is a registered trademark of Miko s.r.l.

NOTE: TREMEC is a registered trademark of Transmisiones Y Equipos Mecánicos, S.A. de C.V.

NOTE: Shelby is a registered trademark of Carroll Hall Shelby Trust.

NOTE: Remember that even advanced technology cannot overcome the laws of physics. It's always possible to lose control of a vehicle due to inappropriate driver input for the conditions.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

A-Z Feature List

12" LCD Digital Instrument Cluster [Interior]

4G LTE Wi-Fi Hotspot [Technologies]

5.2L Supercharged V8 Engine [Performance and Handling]

50/50 Rear Seat [Interior]

8" Color LCD Touchscreen [Technologies]

Acceleration Timer [Performance and Handling]

Accelerometer [Performance and Handling]

Active Anti-Theft System [Safety and Security]

Adjustable Head Restraints [Safety and Security]

Adjustable Head Restraints [Interior]

Adjustable Strut Top Mounts [Performance and Handling]

AdvanceTrac Electronic Stability Control [Safety and Security]

Aerodynamics [Performance and Handling]

Aggressive Deceleration Fuel Shutoff (ADFSO) [Performance and Handling]

Aluminum Engine Block and Cylinder Heads [Performance and Handling]

Asymmetric Tires [Performance and Handling]

Automatic Return to Park [Performance and Handling]

BLIS (Blind Spot Information System) with Cross-Traffic Alert [Technologies]

Brake Performance [Performance and Handling]

Brembo Brakes [Performance and Handling]

Carbon-Fiber Track Pack [Packages]

Carbon-Fiber Wheels [Performance and Handling]

Continuously Controlled MagneRide Damping System [Performance and Handling]

Cooling Systems [Performance and Handling]

Drive Modes [Performance and Handling]

Driver Knee Airbag [Safety and Security]

Dual-Zone Electronic Automatic Temperature Control (DEATC) [Interior]

Electric Parking Brake [Performance and Handling]

Electric Power-Assisted Steering (EPAS) with Driver-Selectable Effort [Performance and Handling]	Interior Trunk Release Button [Interior]	Sequential Light-Emitting Diode (LED) Tri-Bar Turn Signals [Exterior]
Electronic Line-Lock (Track Use Only) [Performance and Handling]	Key Features [Safety and Security]	Side-Curtain Airbags with Roll-Fold Technology [Safety and Security]
EPA-estimated Ratings [Performance and Handling]	Lap Timer [Performance and Handling]	Sirius All Access [Technologies]
Exhaust Mode [Performance and Handling]	LATCH (Lower Anchors and Tether Anchors for Children) System [Safety and Security]	SiriusXM Satellite Radio [Technologies]
Exhaust System [Performance and Handling]	Launch Control [Performance and Handling]	SiriusXM Traffic and SiriusXM Travel Link Services [Technologies]
Fail-Safe Engine Cooling System [Performance and Handling]	Lightweight Components [Performance and Handling]	Smart Charging Alternator [Performance and Handling]
FordPass Connect [Technologies]	Michelin Pilot Sport Tires [Performance and Handling]	SOS Post-Crash Alert System [Safety and Security]
FordPass Connect: How to Activate [Technologies]	MyKey [Safety and Security]	Spring-Assisted Front Seat Backs [Interior]
Front Splitter [Exterior]	NVH (Noise, Vibration and Harshness) Features [Performance and Handling]	Stay in Neutral Mode [Performance and Handling]
Front-End Airflow [Exterior]	Paddle Shifter Activation [Performance and Handling]	Steering Wheel [Interior]
Front-Seat Side Airbags [Safety and Security]	Performance Shift Indicator [Performance and Handling]	Suspension [Performance and Handling]
Global Open Windows [Exterior]	Perimeter Alarm [Safety and Security]	SYNC 3 [Technologies]
Glove-Box-Door-Integrated Knee Airbag [Safety and Security]	Personal Safety System [Safety and Security]	SYNC Push-to-Talk Button [Technologies]
Gurney Flap [Performance and Handling]	Powertrain Availability [Performance and Handling]	Technology Package [Packages]
Handling Package [Packages]	Rear Axle [Performance and Handling]	Tire Inflator and Sealant Kit [Performance and Handling]
Heated and Cooled Front Seats [Interior]	Rear Diffuser [Exterior]	TORSEN Differential [Performance and Handling]
High-Intensity Discharge (HID) Headlamps [Exterior]	Rear Spoiler, Wing and Gurney Flap [Exterior]	Towing the Vehicle [Performance and Handling]
Hill Start Assist [Technologies]	Rear View Camera [Safety and Security]	TREMEC Dual-Clutch Transmission [Performance and Handling]
Hood Pins [Performance and Handling]	Rear-Wheel-Drive Advantages [Performance and Handling]	Twin Independent Variable Camshaft Timing (Ti-VCT) [Performance and Handling]
Individual Tire Pressure Monitoring System (TPMS) [Safety and Security]	RECARO Sport Bucket Front Seats [Interior]	Universal Garage Door Opener [Interior]
Instrument Panel and Trim [Interior]	Rotary Gear Shift Dial [Performance and Handling]	Voice-Activated Touchscreen Navigation System with SiriusXM Traffic and Travel Link [Technologies]
Intelligent Access with Push-Button Start [Exterior]	Seating [Interior]	Wi-Fi Hotspot: How to Sign Up and Start [Technologies]
Intelligent Oil-Life Monitor [Performance and Handling]	SecuriLock Passive Anti-Theft System [Safety and Security]	Wiper-Activated Headlamps [Safety and Security]
	SelectShift in Manual (M) [Performance and Handling]	

2020 Shelby® GT500®

Performance and Handling

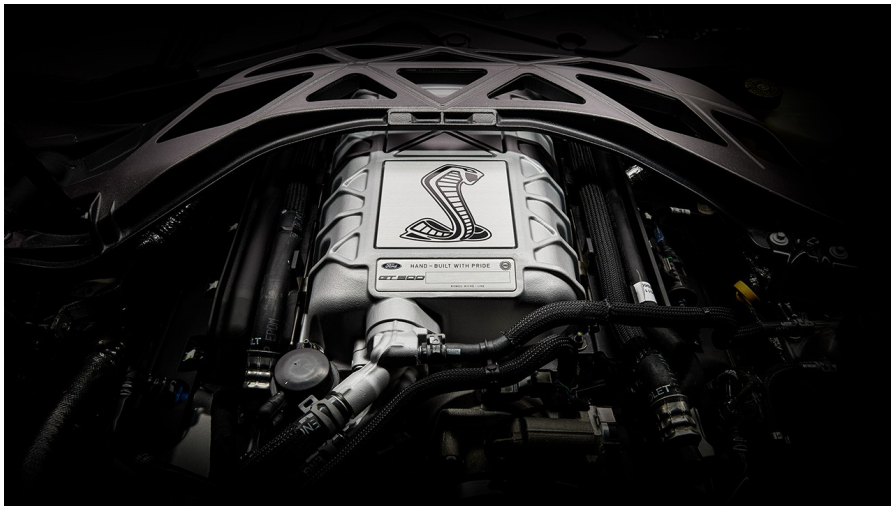
The Ford Performance Team has never been known to rest on its laurels — and now they've developed new ways to take the legendary Mustang to an even higher performance envelope. That enterprising spirit has led to the 2020 Mustang Shelby GT500. The heart of the Shelby GT500 combines a 5.2L Supercharged V8 engine that produces 760 horsepower⁽¹⁾ with a lightning-fast-shifting 7-speed TREMEC® dual-clutch transmission. Race-inspired aerodynamics work with an optimized track-tested suspension with MagneRide® to help keep the Shelby GT500 sure-footed in the turns. Massive Brembo™ brake calipers are on-call for racing-level stopping power.



Electronic Line Lock shown (For Track use only).

SUPERCHARGED POWER

760 horsepower and 625 lb.-ft. of torque⁽¹⁾ pretty much say it all. Each Shelby GT500 engine is hand-built and topped with a power-dense 2.65L roots-type supercharger.



DUAL-CLUTCH TRANSMISSION



The driver decides whether to let the **TREMEC® 7-speed dual-clutch transmission** quickly and smoothly shift through the gears, or take control using the magnesium **paddle shifters** on the steering wheel. The SelectShift feature is always "live in drive," meaning the driver does not have to shift to Manual mode to start making manual shifts.

STOPPING POWER

The red-painted Brembo calipers are more than a visual cue — they're designed for the heat and performance demands a track brings to a brake system. The 6-piston front calipers and 16.5" two-piece SHW® vented rotors are the largest front brake system ever offered on a Mustang. The rear 4-piston Brembo calipers are paired with a 14.5" two-piece SHW® vented rotor. Combined, this system offers a 20 percent increase in swept area over the Shelby GT350 and serious stopping power.



MAGNERIDE DAMPING SYSTEM



The Mustang Shelby GT500 suspension has been tuned specifically for track applications, and one of the more crucial driving technologies is the **continuously controlled MagneRide Damping System**. The MagneRide high-performance system has sensors that monitor body and wheel motion thousands of times per second to vary damper stiffness and provide ultra-quick responsiveness to changing road conditions.

PEAK HANDLING

The Shelby GT500's handling characteristics are reinforced by increased stiffness and defined by precise steering response. The increased front track width and lower ride height⁽²⁾ help improve track capability and lateral grip. And, with the available Carbon Fiber Track Pack, **adjustable strut top mounts** allow camber settings to be adjusted for a more aggressive wheel alignment, which helps enhance the cornering ability of Shelby GT500.



TRACK USE ONLY



Every Shelby GT500 offers a Track Apps application that includes **Electronic Line-Lock**⁽³⁾ for powerful launches and **Launch Control** to minimize wheel slip from a standing start. Line-lock and Launch Control are available in all **drive modes** except for Slippery.

(1) Horsepower and torque ratings are based on premium fuel per SAE J1349[®] standard. Your results may vary.

(2) Compared to Mustang GT.

(3) Track use only.

NOTE: Brembo is a trademark of Brembo S.p.A.

NOTE: MagneRide is a trademarked technology of BWI Group.

NOTE: TREMEC is a registered trademark of Transmisiones Y Equipos Mecánicos, S.A. de C.V.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Powertrain Availability

Performance and Handling

Engine	5.2L Supercharged V8
Horsepower (@ rpm)	760 @ 7,300 ⁽¹⁾
Torque (lb.-ft. @ rpm)	625 @ 5,000 ⁽¹⁾
Technology	Cross-plane crankshaft, Supercharger, Port fuel injection, Ti-VCT
Transmission	TREMEC® TR-9070 dual-clutch 7-speed automatic
Drivetrain	RWD
Max. Trailer Towing (lbs.)	Towing not recommended
Model	
Shelby GT500	S

MAKE THE POINT: GT500 TRACK ATTACK

Customers purchasing a new Shelby GT500 are eligible to participate in the complimentary GT500 Track Attack program, providing them the opportunity to experience exactly what a GT500 is truly capable of.

The GT500 Track Attack delivers rubber-burning, tire-smoking, asphalt-kicking action built on the Ford Performance Racing School format. The program starts with a reception at Charlotte Motor Speedway in Concord, North Carolina, the night before driving day and then the fun moves onto the track.

During the day, the driver will:

- Build high-performance driving skills
- Learn the dynamics of a GT500
- Learn braking/cornering techniques on track
- Receive on-track coaching from professional drivers

Instructors are comprised of championship-winning drivers. Optional features may include a second track day and driving or non-driving programs for guests; additional fees apply.

- Transportation to North Carolina and lodging are not included in the program
- Customers must sign up and attend within their first year of ownership or their eligibility is forfeited

Official website for GT500 Track Attack coming soon.

⁽¹⁾ Horsepower and torque ratings are based on premium fuel per SAE J1349® standard. Your results may vary.

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2020 Shelby® GT500®

5.2L Supercharged V8 Engine

Performance and Handling

With 760 horsepower and 625 lb.-ft. torque the 2020 Mustang Shelby GT500 boasts the most power-dense supercharged V8 production engine in the world.

ENGINE POWER

CRANKSHAFT

- Features a cross-plane crankshaft
 - Crankshaft is rifle-drilled to help reduce weight

2.65-LITER ROOTS-TYPE EATON SUPERCHARGER

- ❏ Inverted design with charged air output at the top for more compact packaging
- ❏ Features large air-to-liquid intercooler
- ❏ Larger water pump compared to GT350

PISTONS

- ❏ Forged-aluminum pistons and forged-steel I-beam connecting rods
- ❏ Bulkhead-style piston oil squirters help improve oil warm-up and help maintain cooler piston temperatures
- ❏ 9.5:1 compression ratio

OVERHEAD CAM VALVETRAIN LAYOUT

- ❏ Features large valves, valve springs, rocker arms and valve stem seals
 - Hollow stem intake valves save weight and are an enabler for the 7,500 rpm red line
 - Sodium-filled exhaust valves provide better heat transfer
- ❏ Camshafts maximize firing order, valvetrain layout and cam events
 - Firing order: 1-5-4-8-3-7-2-6
 - 94.0 mm bore and 93.0 mm stroke
 - Valve lift — intake 38.3 mm/exhaust 32.5 mm

INTAKE

- ❏ Large **3.6" single-bore throttle body**
- ❏ Intake manifold is integrated with **Supercharger** and **Charge Air Cooler (CAC)**
- ❏ Sequential multiport fuel injection

OIL

- ❏ Oil pump with large inlet and high-pressure relief valve
- ❏ Full synthetic oil (5W-50) is required for enhanced engine protection at high loads and temperatures
- ❏ Cast-aluminum oil pan mounts to both the block and transmission, which helps provide added strength and reduced engine vibration
- ❏ 11.5-quart capacity oil pan features active baffles to channel oil to the sump during extreme acceleration, braking and cornering

COOLING

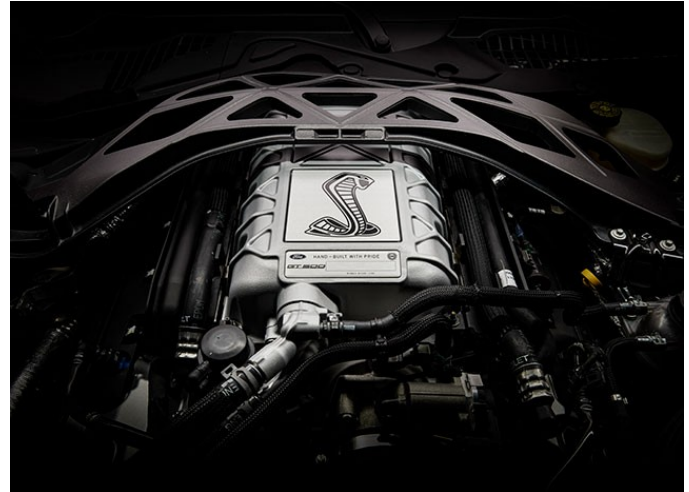
- ❏ Remote engine oil cooler (air-to-oil cooler)
- ❏ PTFE, a synthetic fluoropolymer coating, is used in the rear crank seal for heat resistance

5.2L Supercharged V8

760
horsepower
@ 7,300 rpm⁽¹⁾

625
lb.-ft. of torque
@ 5,000 rpm⁽¹⁾

90% of peak torque produced from approximately 3,450 – 7,000 rpm



ENGINE QUALITY

- Thousands of hours were put into the development and testing of the GT500 engine
- ❏ Each engine includes a signature badge signed by those who built it on the niche line
- Every engine is tested for full functionality and quality before being shipped to Flat Rock Assembly for final installation into the GT500

ENGINE ASSEMBLY

- ❏ Each engine is hand-built on an assembly line by a dedicated team in Romeo, Michigan
- ❏ Team members thoroughly examine each engine as it is built, using the highest quality assembly and error-proofing techniques
- ❏ Each engine includes a signature badge signed by those who built it on the niche line

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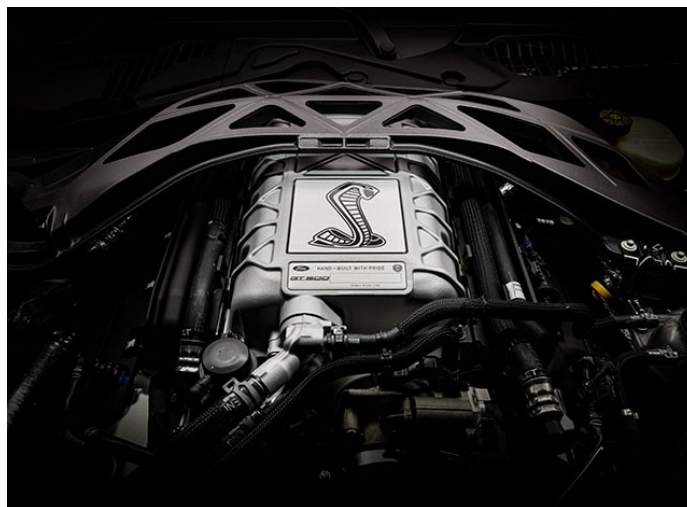
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2020 Shelby® GT500®

Aluminum Engine Block and Cylinder Heads

Performance and Handling 5.2L Supercharged V8 Engine

- Lighter than typical cast iron with steel sleeves
- ▣ Precise boring in the aluminum engine block helps reduce friction between parts and helps increase output
- Plasma transferred wire arc (PTWA) cylinder liner technology
 - Coating is 0.006 of an inch thick and eliminates the need for a cast-iron cylinder liner for reduced weight
- ▣ Large 3.70" bore diameter with 3.66" stroke helps increase low-end torque
- ▣ Reinforced with structural webbing
- ▣ Unique bulkhead chilled process helps maintain strength
- ▣ Billet main bearing caps feature 6-bolt design for high-performance reliability
- Coolant passages in the cylinder heads and engine block deck help improve engine cooling
- Cylinder heads are fully computer numeric control (CNC) machined to maximize flow



ENGINEERING INSIGHTS: PLASMA TRANSFERRED WIRE ARC (PTWA) CYLINDER LINER TECHNOLOGY

What PTWA Is

- A Ford-patented cylinder liner coating process that applies a 150-micron composite coating containing nanoparticles on the internal surfaces of the engine cylinder bores
- Replaces the cast-iron cylinder liners typically used in aluminum engine blocks

Why PTWA Is Important

- Offers improved performance and durability compared to more typical iron cylinder liners
- Helps reduce friction between the cylinder wall and the piston rings
- Helps increase heat transfer
- Provides an approximate 8.5-lb. weight savings over typical iron-sleeved aluminum block

How It Works

- The PTWA process uses air and electricity to create a 35,000-degree F plasma jet, which melts a steel wire that's fed into a rotating spray gun
- Using atomized air, the melted steel is applied to the cylinder bore surfaces
- The cylinder bore surfaces have been specially machined to receive the coating
- During the process of melting and being applied to the cylinder bore surface, the steel oxidizes, creating a composite consisting of iron and iron oxide

What PTWA Means to the Customer

- Overall lighter weight of the engine helps improve fuel economy and performance without a trade-off in reliability and durability

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2020 Shelby® GT500®

Aerodynamics

Performance and Handling

Ford engineers scrutinized and refined every aspect of the Shelby GT500 exterior in order to achieve a balance of downforce and drag.

Engineers employed the latest Innovation and technology, including virtual testing and real-world testing of 3D printed parts, to achieve downforce and cooling targets and make Shelby GT500 the most aerodynamically advanced street-legal Mustang ever.

Carefully sculpted body panels — from its aggressive front splitter to its wide front fenders and unique vented hood, all the way through to the rear spoiler and rear fascia — are designed to work together for aerodynamic balance.



THE SMALLEST POSSIBLE AERODYNAMIC STRUCTURE

- ❏ Sloped power dome sheet molded compound (SMC) hood is tightly wrapped around the supercharger for the smallest possible aerodynamic structure
- ❏ Belly pan bolted to chassis for a stiffer application
 - Belly pan is made of glass reinforced plastic
- ❏ Grille mesh insert composed of powder-coated stainless steel
- ❏ Grille opening is twice as large as GT350 to maximize airflow
- ❏ Larger brake cooling ducts than GT350

DOWNFORCE

- ❏ Sculpted front fascia gives the GT500 a unique look and provides an aggressive front splitter which maximizes pressure, while ducted front and rear belly pans deliver reduced lift
- ❏ With the Carbon Fiber Track Pack added, Shelby GT500 is capable of delivering rear downforce of 550 pounds of pressure at 180 mph to help this Mustang grip the track — delivering more downforce than any street-legal Mustang to date
- ❏ Splitter and belly pan help reduce lift and help brake cooling
- ❏ Two-piece splitter helps reduce lift
- ❏ At the rear, an aggressive functional diffuser helps increase downforce and provides cooling air to the differential cooler

NOTE: For availability of product features, please see Availability by Model and/or the **Dealer Ordering Guide**.

2020 Shelby® GT500®

Gurney Flap

Performance and Handling
Aerodynamics

- ❏ The Gurney flap is a small extension on the back edge of the rear spoiler designed to improve aerodynamic performance and generate more downforce
- ❏ This simple yet effective aerodynamic flap is also known as a wickerbill
- ❏ Easily installed and removed with four fasteners



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2020 Shelby® GT500®

Aggressive Deceleration Fuel Shutoff (ADFSO)

Performance and Handling
Engine Technologies

Aggressive deceleration fuel shutoff (ADFSO) deactivates the fuel injectors when the vehicle is decelerating or coasting while normal engine operation is maintained, which helps promote performance.

SYSTEM DETAILS

- The system is automatic and requires no interaction from the driver
- Uses the transmission to keep the engine running at low operating levels whenever possible
- Normal fuel delivery resumes when the vehicle reaches a low speed or when the driver accelerates
- Excellent driveability is maintained by software that integrates this technology with powertrain operation



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2020 Shelby® GT500®

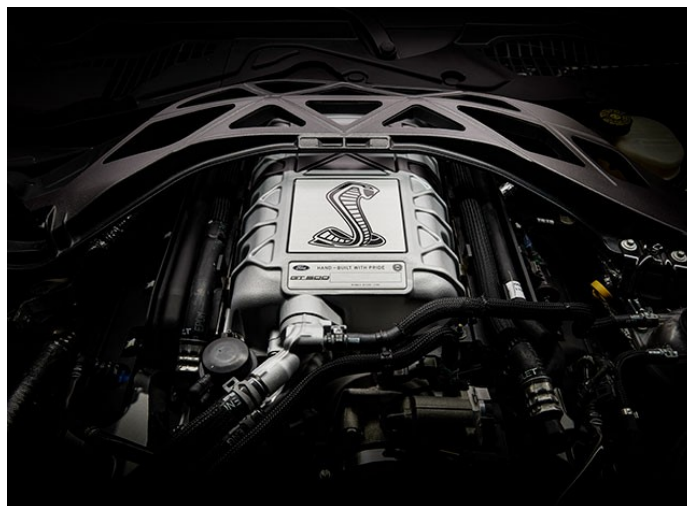
Fail-Safe Engine Cooling System

Performance and Handling
Engine Technologies

The Fail-Safe Engine Cooling System is designed to help protect the engine from potential damage due to loss of coolant, allowing the driver to travel a short distance to obtain service or reach a service facility.

MORE DETAILS +

- If the engine overheats, it will switch from normal all-cylinder operation to alternating-cylinder operation
 - The non-powered cylinders act as air pumps to help cool the powered cylinders
- The vehicle will continue to operate, but with limited engine power, and the air conditioning system will be disabled
- Driving distance is limited by a number of factors, including vehicle load, outside temperature and road conditions



NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Intelligent Oil-Life Monitor

Performance and Handling
Engine Technologies

The Intelligent Oil-Life Monitor calculates oil change service intervals based on actual vehicle use, operating conditions and time since last oil service.

Oil change intervals of up to 1 year/5,000 miles⁽¹⁾

SYSTEM DETAILS

- A message will appear in the Information Display indicating when it's time for an oil change
 - **CHANGE ENGINE OIL SOON** will appear when engine oil life remaining is 10% or less
 - **ENGINE OIL CHANGE DUE** or **OIL CHANGE REQUIRED** will appear when oil life reaches 0%
- The oil change should be performed within two weeks or 500 miles of the **ENGINE OIL CHANGE DUE** or **OIL CHANGE REQUIRED** message appearing
- Conditions that could accelerate an oil change interval include track use, short-distance driving and driving in extreme temperatures
- The Intelligent Oil-Life Monitor must be reset after each oil change
- Failure to perform scheduled maintenance as specified in the Scheduled Maintenance Guide may invalidate warranty coverage on parts affected by the lack of maintenance

(1) Under normal driving conditions.

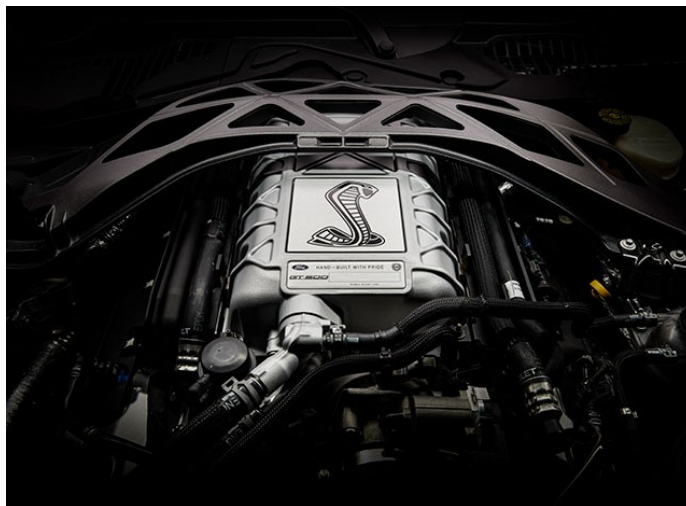
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Feature Resources



VIDEO

[Intelligent Oil-Life Monitor](#)



2020 Shelby® GT500®

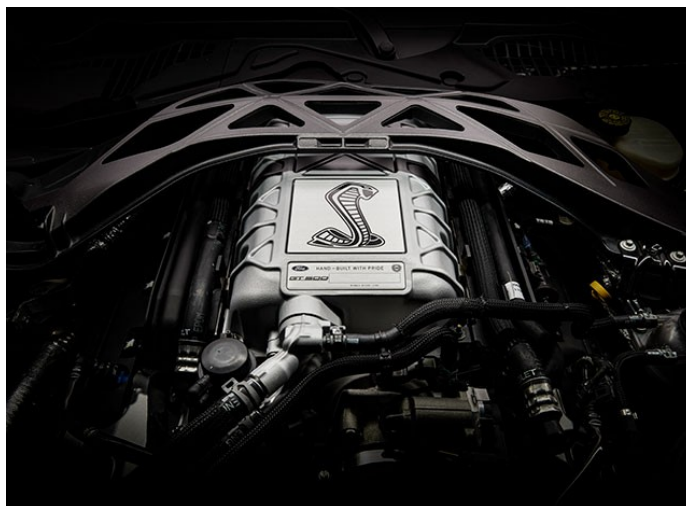
Twin Independent Variable Camshaft Timing (Ti-VCT)

[Performance and Handling](#)
[Engine Technologies](#)

Twin independent variable camshaft timing (Ti-VCT) allows the camshafts to operate both the intake and exhaust valves at different times in the combustion cycle, based on engine speed and load, for enhanced performance and efficiency.

MORE DETAILS +

- Variable control of intake valve closing provides improved power and torque
- Variable valve overlap provides an "internal exhaust gas recirculation (EGR)" to help reduce engine pumping work for enhanced performance and idle quality
- Helps optimize engine cold start operation with fast catalyst light-off for reduced emissions
- Excellent performance under low-load conditions such as idling or highway cruising
- Excellent power when accelerating



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2020 Shelby® GT500®

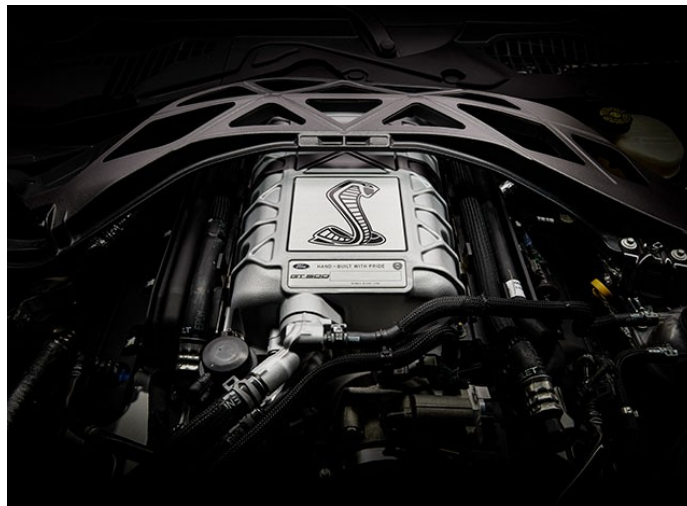
Smart Charging Alternator

Performance and Handling
Engine Technologies

A smart charging alternator is a standard feature that controls charging system voltage during vehicle acceleration and deceleration, helping to enhance efficiency.

MORE DETAILS +

- An alternator provides charging (current) via a pulley and belt operated by the engine. To create current, a mechanical load is exerted onto the belt and felt by the engine. The more current there is, the more torque is applied
- Smart charging decreases alternator output during vehicle acceleration and increases output during vehicle braking or deceleration
 - Since there is no additional engine accessory belt load to energize the battery, less fuel is used by the engine
- Controlling voltage during acceleration and braking or deceleration helps increase efficiency
- Communicates with the aggressive deceleration fuel shutoff (ADFSO) system to ensure the battery is being adequately charged
- Helps the engine consume less fuel



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2020 Shelby® GT500®

Cooling Systems

Performance and Handling

- 🚩 Engine water radiator is upsized from the base Mustang GT for increased cooling capacity and volume of coolant
- 🚩 Front radiator block-off plate is standard
- 🚩 All models are equipped with radiators for rear-axle and transmission oil cooling
- Engineers analyzed 3D computer models to maximize airflow for cooling — which guided the design of the front fascia, splitters, hood vent and brake ducts
- 🚩 The GT500 front fascia design doubles front opening volume, compared to the GT350 design, to permit maximum airflow
- These designs meet aggressive cooling requirements — airflow had to help extract 230 kilowatts of heat energy at wide open throttle (230 kW could provide heat to a dozen houses)

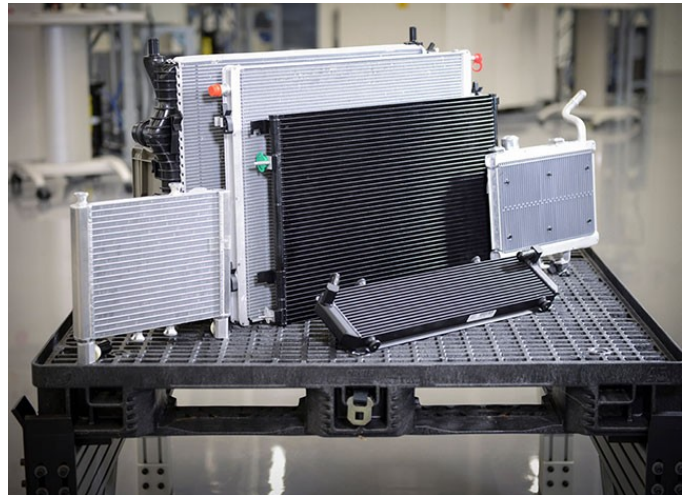


AXLE COOLER

- 🚩 Enhanced to disperse heat in track scenarios
- 🚩 System placed at the rear of the vehicle to enhance performance and minimize weight
 - Dual openings feed the axle cooler and vent out through openings in the rear valance
- 🚩 Independently controlled electronic gear lube pump provides greater control of the system by modulating when the pump comes on and off, which helps keep fluid temperature cooled to proper levels
- 🚩 Axle fluid is low-friction weight synthetic to aid efficiency
- 🚩 TORSEN® rear limited-slip differential with 3.73:1 rear-axle ratio

TRANSMISSION AND ENGINE OIL COOLERS

- ❏ Front grille opening is twice the size of the GT350 with 50 percent more airflow for six heat exchangers
- ❏ Airflow maximized around and across the core of the coolers to help maintain optimum operating temperature
 - Coolers angled to maximize airflow and cooling vs. flat-facing coolers
 - Wheel well liners designed to relieve back pressure and provide greater airflow
- ❏ Coolers are located outboard of the main heat exchanger package
 - Transmission oil cooler is flat mounted under front bumper
 - Auxiliary radiator oil cooler is on the driver's side and auxiliary engine oil cooler on the passenger's side
- ❏ Robust cooler lines moved away from quick connects and fittings, similar to A/C systems
- ❏ Oil-to-air cooling system helps keep heat produced by the 5.2L Cross-Plane Crank V8 engine out of the coolant
 - Uses a small radiator to help reduce weight, yet keeps engine operating temperatures under control when an increased amount of cooling is required from high revs on the track
 - Designed to run longer at high power densities without having to decrease engine output, keeping Shelby GT500 at full power while on the track



NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Exhaust System

Performance and Handling

- ❏ Created to fit the 5.2L Supercharged V8
- ❏ Exhaust manifold and runner pack help move spent gases out the cylinders and into the mufflers
 - Different runner configurations of the manifolds are designed to help improve engine "breathing" for enhanced performance
- ❏ Cast stainless header collectors on the manifolds and X-pipe provide structural durability and help reduce NVH (noise, vibration and harshness) characteristics
- ❏ Unique flex couplings isolate the cold end from everything upstream to help reduce NVH characteristics and provide durability
- ❏ 2.75" exhaust pipes with X-pipe configuration help create less back pressure, contributing to more power
- ❏ 5" diameter exhaust tips add the aggressive rear look of the GT500
- ❏ Hangers on cold end are hollow to help reduce weight
- ❏ Uses an electric valve and 2-part assembly of valve and actuator motor
- ❏ A single inlet and 2 outlets provide enhanced airflow and tuning for performance when the valve is open or tuning for comfort when the valve is closed
- ❏ Valves are tied to the powertrain control module (PCM) and back to the Drive modes
 - There is also a button to select the exhaust modes
- ❏ Operation of the valves is speed/load dependent based on rpm and engine load settings



NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

TREMEC Dual-Clutch Transmission

Performance and Handling

Designed for the most demanding high-torque performance car applications, the TREMEC® TR-9070 7-speed "dual-clutch" transmission with SelectShift capability provides the torque capacity and refinement essential to the powerful response of the 2020 Mustang Shelby GT500

- Shelby GT500 drivers can let the transmission perform its ultra-fast shifting automatically, or switch to Manual mode
- SelectShift feature is always "live in drive," meaning the driver is not required to engage Manual mode by moving the shifter to the Manual (M) position to operate the paddle shifters

The dual-clutch automatic transmission can shift smoothly in less than 100 milliseconds, faster than any manual gearbox

Leveraging years of racing experience, Ford Performance engineers developed the technology to offer five Drive modes

- Normal
- Sport
- Track
- Drag Strip
- Slippery

Standard Track Apps allows drivers to program electronic line-lock and Launch Control settings for racetrack scenarios

- Line-lock and Launch Control are available in all drive modes except for Slippery

Rotary gear shift dial with automatic Return to Park and Stay in Neutral modes



NOTE: TREMEC is a registered trademark of Transmisiones Y Equipos Mecánicos, S.A. de C.V.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Automatic Return to Park

Performance and Handling

TREMEC Dual-Clutch Transmission

Automatic Return to Park will automatically shift the vehicle into Park (P) under specific conditions to help reduce the potential for vehicle rollaways.



SYSTEM DETAILS

- This feature will automatically shift the vehicle into Park (P) when any of the following conditions occur:
 - The vehicle is turned off
 - The driver's door is opened with the driver's safety belt unlatched
 - The driver's safety belt is unlatched while the driver's door is open
- If the vehicle is turned off while moving, the transmission will first shift into Neutral (N) until it slows down enough to shift into Park (P) automatically
- If the driver waits an extended period of time (2-15 minutes) before starting the vehicle, unlatching the driver's safety belt will activate this feature, even with the driver's door closed

NOTE: See owner's manual for system limitations.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Paddle Shifter Activation

Performance and Handling
TREMEC Dual-Clutch Transmission

- The SelectShift feature is always “live in drive,” meaning the driver is not required to engage Manual mode by pressing the Manual (M) button to operate the paddle shifters
- Steering wheel-mounted paddles allow the driver to shift gears quickly while keeping both hands on the wheel
- To manually upshift, pull the + paddle located on the right side of the steering wheel
- To manually downshift, pull the – paddle located on the left side of the steering wheel
- Pull and hold both the right paddle + and the left paddle – for temporary neutral position
 - Neutral will remain until both paddles are released



NOTE: For availability of product features, please see Availability by Model and/or the **Dealer Ordering Guide**.

2020 Shelby® GT500®

Rotary Gear Shift Dial

Performance and Handling
TREMEC Dual-Clutch Transmission

- Located in the front center console
- PRND and M (SelectShift Manual mode) are backlit for ease of use at night
- The system works with electronic controls rather than mechanical linkage
- To place the vehicle into gear, turn the dial to the desired setting
- Pressing (M) in the center of the gear shift dial places the vehicle into SelectShift Manual mode
- Manual mode allows the driver to control the transmission shift points
- Pressing the (M) a second time will place the vehicle back into Normal mode



NOTE: For availability of product features, please see Availability by Model and/or the **Dealer Ordering Guide**.

2020 Shelby® GT500®

SelectShift in Manual (M)

Performance and Handling
TREMEC Dual-Clutch Transmission

- Provides a permanent manual gear selection where full control of gear selection is required
 - Manual does not automatically upshift even if the engine is approaching the RPM limit
 - It must be shifted manually by pulling the + paddle

- Pull and release (tap) the right paddle + to upshift.
- Pull and release (tap) the left paddle – to downshift
- Pull and hold both of the right paddle + and the left paddle – for temporary neutral position
 - Neutral will remain until both paddles are released
- Pull and hold the right paddle + to command the transmission to sequentially upshift to the maximum allowed gear
- Pull and hold the left paddle – for the lowest allowable gear

The instrument cluster displays the currently selected gear. If a gear is requested but not available due to vehicle conditions (low speed, too high engine speed for requested gear selection), the current gear flashes three times



NOTE: When in Drag Mode, the transmission will automatically upshift at the max engine RPM.

NOTE: Engine damage may occur if you maintain excessive engine revving without shifting. To exit SelectShift when in manual (M), deselect manual by pressing the (M) on the gear selector.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Stay in Neutral Mode

Performance and Handling
TREMEC Dual-Clutch Transmission

Stay in Neutral mode allows your vehicle to stay in Neutral when you exit your vehicle. Your vehicle must be stationary to enter this mode.

TO ENTER STAY IN NEUTRAL MODE:

- Move the transmission selector to Neutral (N)
- A message will appear in your information display screen prompting you to press the Manual (M) button
- Press the Manual (M) button again to enter Stay in Neutral mode
- A message will appear in your information display screen when your vehicle has entered Stay in Neutral mode

TO EXIT STAY IN NEUTRAL MODE:

- Apply the brake and select a different gear



NOTE: Ford does not recommend using a car wash with GT500 due to low ground clearance and possible damage to aero components such as rear wing, splitters and wickers.

NOTE: Stay in Neutral mode is a temporary vehicle state with the ignition off. Once in this mode, sufficient battery voltage must be maintained or your vehicle returns to Park.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

EPA-estimated Ratings

Performance and Handling

EPA-estimated Ratings⁽¹⁾

Engine/Transmission	City/Hwy/Combined mpg
5.2L V8/7-speed "dual-clutch"	To Be Announced

(1) Actual mileage will vary. 2020 fuel economy EPA estimates will be made available prior to production release. Stay tuned to eSourceBook for updates.

NOTE: For availability of product features, please see Availability by Model and/or the **Dealer Ordering Guide**.

2020 Shelby® GT500®

Chassis

Performance and Handling

- One side of the suspension features a dual-rate, counter-wound rear spring and matching rear control arm, allowing the left and right sides to be mirror images of each other — perfecting wheel motion
- GT500-specific damper attachment strategy designed to maximize wheel travel



NOTE: For availability of product features, please see Availability by Model and/or the **Dealer Ordering Guide**.

2020 Shelby® GT500®

Brembo Brakes

Performance and Handling Chassis

- Designed to go right from the showroom floor to the racetrack
- Designed for high speed and superior fade resistance
- Drivers may notice occasional brake squeal and elevated levels of brake dust — this is normal and does not affect brake system performance
- Additional rear caliper for electric parking brake
- Brake cooling ducts help control heat
- Larger vacuum line to brake booster compared to Shelby GT350
- Aluminum brake booster saves weight



FRONT BRAKE COMPONENTS

16.5" Diameter SHW® Multi-Piece Disc Brakes

- 🚩 Largest front brakes on a Mustang ever with 20 percent larger swept area (where pad meets rotor) than the Shelby GT350
- 🚩 Smooth iron brake ring with directional vent design, including the large effective radius and swept area, specially designed for storing and dissipating braking energy during track use
- 🚩 Aluminum hat offers significant weight savings
- 🚩 Floating stainless steel pin design maintains excellent on-road performance while allowing radial expansion during track use
- 🚩 Aluminum knuckle with heavy-duty wheel bearing
 - Aluminum knuckle designed for high stiffness while reducing weight
 - Heavy-duty front wheel bearing designed for track use

6-piston Monobloc Brembo™ Calipers

- 🚩 Large pad area maintains excellent on-road performance while providing fade-free performance on the track without the need for special friction materials
- 🚩 Staggered piston design provides even pad wear on the street and track
- 🚩 Fixed bridge and radial mount provide maximum caliper stiffness for excellent pedal feel at minimum weight

REAR BRAKE COMPONENTS

14.5" Diameter SHW Multi-Piece Disc Brakes

- 🚩 Smooth iron brake ring with vented design and large effective radius specially designed for storing and dissipating braking energy during track use
- 🚩 Aluminum hat offers significant weight savings with iron lining for parking brake function
- 🚩 Floating stainless steel pin design maintains excellent on-road performance while allowing radial expansion during track use

4-piston Monobloc Brembo Calipers

- 🚩 Staggered piston design provides even pad wear on the street and track
- 🚩 Reduced drag compared to sliding calipers, especially during track use
- 🚩 Consistent appearance theme with front caliper drum-in-hat parking brake

NOTE: Brembo is a trademark of Brembo S.p.A.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Adjustable Strut Top Mounts

Performance and Handling
Chassis

- Included as part of Carbon Fiber Track Pack
- Adjustable mounts allow owners to adjust the front camber for optimum performance at the track
- Provide increased camber adjustments so that a more aggressive wheel alignment can be "dialed-in"
- Designed to help enhance the cornering ability
- Designed to help maintain as much tire contact as possible on the track while experiencing high cornering force



NOTE: Adjustable strut top mounts can be customer installed for Track use. Shipped in a box in the trunk for customer to have installed if desired.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Continuously Controlled MagneRide Damping System

The continuously controlled MagneRide® Damping System:

- A high-performance suspension control system that responds in real time to road and driving conditions up to 1,000 times per second
- Designed for ideal vehicle handling and driver confidence without sacrificing ride comfort
- Integrated driver control software takes into account input from several sensors to provide a degree of suspension performance not seen previously in a production Mustang
- Sensors monitor body and wheel motion thousands of times per second to vary damper stiffness and provide ultra-quick responsiveness to changing road conditions
 - System uses input from wheel position, steering angle, pitch and yaw and ambient temperature
 - Information is fed into the system's computer to ensure optimum performance
 - Steering wheel signals monitor "transient roll control" to increase damping and reduce roll when applicable
- Dampers are filled with a hydraulic fluid and fine metallic particles. When an electric current is passed through the fluid, a near-instant adjustment of suspension performance can be made
- System can react quickly to instances where the vehicle may "bottom out" compared to conventional systems
 - For example: low-speed driving off a curb
 - If sensors detect a drop-off at the front of the vehicle, the system will adjust damping in the rear to help avoid "bottoming out"
- Combined with other vehicle data, changes can be made to each corner independently every 7 milliseconds for enhanced handling performance



ENGINEERING INSIGHT: MAGNERIDE SUSPENSION DAMPERS

In each of the monotube dampers is a piston containing two electromagnetic coils and two small fluid passages through the piston. The electromagnets are able to create a variable magnetic field across the fluid passages. When the magnets are off, the fluid travels through the passages freely. When the magnets are turned on, the strength of the bonds between the magnetized iron particles has the same effect as changing the viscosity of a traditional fluid, resulting in a stiff suspension.

Altering the strength of the current results in an instantaneous change in force of the piston. If the sensors detect any body roll, they communicate the information to the electronic control unit (ECU). The ECU will then compensate for this by changing the strength of the current to the appropriate dampers.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Electric Parking Brake

The electric parking brake uses a simple switch — as opposed to a lever or foot pedal — to activate it, providing easy operation for the driver.

OPERATION

- Simply pull up on the parking brake switch next to the shift dial to engage it
- Features automatic release/drive away release that disengages the electric parking brake automatically
 - Driver's door must be closed and driver's safety belt must be fastened before the automatic release/drive away release will operate
 - Is not intended for use when the vehicle is moving, with the exception of an emergency situation where the brake pedal does not work or is blocked

- If the electric parking brake is activated while the vehicle is moving, the brake system warning lamp will illuminate and a warning chime will sound
- If vehicle speed is above 4 mph, braking force is applied as long as the switch is pulled
- Uses a rear caliper-mounted electric motor to apply clamp load to the rear brake rotors with electrical power from the 12-volt battery



NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Electric Power-Assisted Steering (EPAS) with Driver-Selectable Effort

Performance and Handling
Chassis

Electric power-assisted steering (EPAS) is an electric speed-sensitive steering-assist system that provides light, responsive steering when parking or less assist at higher speeds for more confident control.

GT500 specific calibrations

MORE DETAILS +

- Contributes to fuel efficiency because the electric motor operates only when steering assistance is required, as opposed to the conventional hydraulic pump, which is continuously powered by the engine
- Eliminates noises common with hydraulic systems

DRIVER-SELECTABLE EFFORT

- Offers the customer a choice of 3 settings based on driving style and driving habits:
 - **Comfort Mode** provides the least amount of road force felt in the steering wheel and requires the least amount of steering effort
 - **Sport Mode** provides the most road force felt through the steering wheel and requires the highest level of steering effort
 - **Normal Mode** is a balance between the Comfort and Sport settings
- Settings are accessed and programmed via the steering wheel button



NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

Feature Resources



VIDEO

[Electric Power-Assisted Steering \(EPAS\)](#)

2020 Shelby® GT500®

Electronic Line-Lock (Track Use Only)

Performance and Handling
Chassis

- Allows the driver to initialize line-lock to bring the tires up to optimal operating temperature for powerful launches
- Locks the front brakes while allowing the rear wheels to spin freely

- Feature is automatically selected when in Drag Strip drive mode
- An electro-hydraulic feature that works with a vehicle's braking system by locking the front brakes without brake pedal input from the driver
- Allows the rear wheels to rotate through throttle apply while the front brakes are applied and limit vehicle movement
- 3 stages to using line-lock: initiate, engage and off
 - **Stage 1: Initiate** verifies the vehicle is ready for line-lock function and ensures the driver intends to use the feature
 - Once initiated, line-lock is not active and the brakes function normally
 - Line-lock will remain initiated up to 25 mph. For speeds above 25 mph, the feature will be automatically cancelled
 - To proceed to Stage 2: Engage, the driver must follow a series of prompts
 - **Stage 2: Engage** allows the driver to activate line-lock by firmly applying the brakes
 - When the feature is engaged, a countdown timer will show the remaining time before line-lock is released automatically
 - If line-lock is engaged and the driver exceeds the time limit or a vehicle condition requires line-lock to release, an engine torque and brake system strategy is utilized to ensure vehicle stability and allow normal braking function
 - When line-lock is engaged, drivers can exit the feature using the Cobra button. Line-lock will release immediately and normal vehicle function is restored
 - **Stage 3: Off** indicates line-lock is not initiated or engaged; normal vehicle braking resumes
- Line-lock is located in the Track Apps menu



Electronic Line Lock shown (For Track use only).

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

Feature Resources



VIDEO

Track Apps: Line lock

2020 Shelby® GT500®

Hood Pins

- Performance and Handling
- Chassis

- 🚩 Standard on all GT500
- 🚩 Floating design aligns ball with socket allowing for easy closing of the hood
- 🚩 Flush design provides sleek look
- 🚩 Hood pins are designed to make sure the hood is stable at speed and act as a secondary latch system

ENGINEERING INSIGHT: OPENING HOOD WITH HOOD PINS

The Shelby GT500 has hood pins that require a three-step process to open the hood.

1. Pull hood release handle located inside the car
2. Push down on the center of both hood pins to release the pins
3. Reach under the hood and push the release lever and lift the hood

The hood is held up with a single strut-type arm.



NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Lightweight Components

Performance and Handling
Chassis

SHEET MOLDED COMPOUND (SMC) HOOD

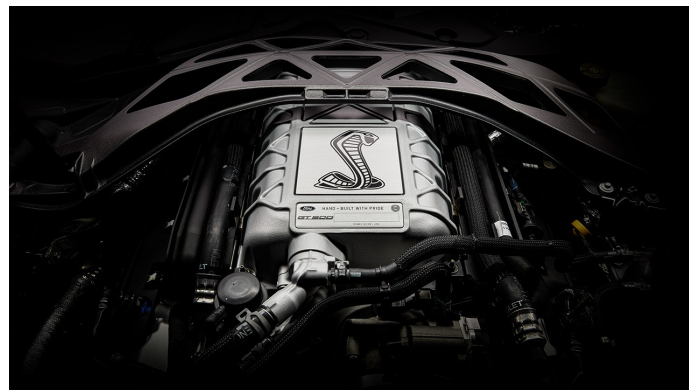
- ✚ The Mustang Shelby GT500 hood is built with lightweight sheet-molded compound (SMC) because it enables the sculpted looks, hood vent opening and recessed pockets for the self-centering hood pins

CARBON-FIBER COMPOSITE GRILLE OPENING REINFORCEMENT (GOR)

- ✚ Designed to achieve same vehicle lateral stiffness as conventional steel structure GOR
- ✚ Is made up of carbon fiber and nylon for a 24 percent weight savings over Mustang EcoBoost and GT, which uses a conventional GOR
 - Conventional GOR weight: 10.6 lbs.
 - Carbon fiber GOR: 8.1 lbs.
- ✚ Enabled engineers to design a customer-pleasing surface and eliminate the beauty shield cover for an additional weight savings of 1.9 lbs.

CARBON FIBER REAR WING (TRACK PACK)

- ✚ Top wing and end plates are traditional weave carbon fiber
- ✚ Stanchions are made of compressed molded carbon fiber



MAGNESIUM TOWER-TO-TOWER BRACE

- ✚ Lightweight — just 8.4 lbs. — compared to traditional steel strut-tower braces

ALUMINUM FRONT BUMPER BEAM

- ✚ One-piece design utilizes lightweight aluminum instead of steel
- ✚ Weighs just 6.3 lbs.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

NVH (Noise, Vibration and Harshness) Features

Performance and Handling
Chassis

KEY FEATURES

- Engine-side dash absorber
- Sealing between the doors and lower rockers
- Rear wheel arch liner helps reduce road noise on gravel roads and in the rain

POWERTRAIN

- Specially tuned isolators are added to the transmission and exhaust system to help increase the robustness of the entire powertrain and reduce transmitted vibrations through the chassis to the vehicle occupants



NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Suspension

Performance and Handling Chassis

- ❏ Injection-molded carbon-fiber composite grille opening reinforcement (GOR) provides a 24% weight reduction over stamped steel
 - Weight reductions allow for enhanced balance and crisp handling
- ❏ Front aluminum knuckle is designed for improved steering precision and increased wheel end stiffness while reducing weight
- ❏ Performance wheel bearings help increase lateral stiffness and allow for more responsive steering
- ❏ Revised spring rates and bushings all around, compared to Mustang GT, provide enhanced road feel, increased track stability and driver confidence
 - Coil springs:
 - 251 lbs./in. front and 914 lbs./in. rear
- ❏ Increased front track width and reduced ride height, compared to Mustang GT, offer excellent driving confidence
- ❏ 36.0 mm front and 24.0 mm rear stabilizer bars offer enhanced body control and driver confidence when powering out of a corner
- ❏ Lowered ride height reduces center of gravity, increasing track capability. Helps lateral grip and stopping distance



NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Drive Modes

Performance and Handling Traction

- Features 5 unique modes that tailor Anti-Lock Brake System (ABS), stability control, traction control, steering effort, throttle mapping, MagneRide® suspension tuning and exhaust settings
- Accessed by using the "Mode" toggle switch on the center stack
- System defaults to Normal on start-up

Feature/Switch	On	Off
Traction control switch	Default setting	<ul style="list-style-type: none">• Turns off engine and brake traction control• Yaw stability control remains active
AdvanceTrac	Default setting per Drive Mode	<ul style="list-style-type: none">• Controlled through ESC OFF button• Attributes of active mode remain except for traction and yaw control which are disabled

Mode	Driving Mode	Benefit
Normal	Normal on-road driving	Allows for normal street driving
Sport	Spirited on-road driving	Vehicle response tuned for on-road performance
Track	Spirited, aggressive and limits handling at racetrack or autocross events	Wheelspin and yaw limits opened up to not interfere with a skilled driver while retaining some system aids
Drag Strip	For use at a drag strip	<ul style="list-style-type: none">• May or may not be used in conjunction with launch control• Allows for optimum performance at low speeds• Transitions to enhanced stability at high speeds

Slippery	Lower traction, wet conditions on public roads	Limits yaw and wheelspin to tighter limits than Normal mode
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NOTE: Launch control is only available if coolant temperature is more than 170°F.

NOTE: Electronic line-lock can only be enabled if launch control is available.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Launch Control

Performance and Handling

Traction

- Optimizes launch traction during a standing start
- Selectable in the Cobra menu
- The rpm setting allows the user to set launch rpm value within the allowable range
- Feature is automatically selected when in Drag Strip drive mode
- Lets drivers set and hold the desired launch rpm depending on tire temperature, surface conditions or weather
 - Not intended for cold, wet or slippery conditions
 - Intended for use only where consistent acceleration is desired
- Integrated with AdvanceTrac and the engine control system to minimize wheelslip during a standing start
- Provides a unique “drag start” traction calibration specifically designed for high-grip surfaces
- Can be turned on and off via the Cobra menu
 - The rpm set point can only be changed in the Track Apps menu using the 5-way control pad
 - Launch control setting does not turn on/off with key cycle
 - The rpm setting allows the driver to set launch rpm value within the allowable range
 - Launch control engine rpm set point range is available in 100 rpm increments

NOTE: Launch control is engineered to be used with the original equipment provided on Shelby GT500. Any modifications to the vehicle may affect feature function or performance.

NOTE: Launch control is only available if the coolant temperature is more than 170°F.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

Feature Resources



VIDEO

[Tracks Apps: Launch Control](#)

2020 Shelby® GT500®

Rear Axle

Performance and Handling

Traction

- 3.73:1 gear ratio for performance
- TORSEN® limited-slip differential helps improve traction and off-the-line acceleration

- ❏ Filled with 75W-85 premium synthetic hypoid gear lubricant
- ❏ Rear-axle friction-modifier additive
- ❏ Unique half-shafts for increased torque capacity
- ❏ Unique outboard joints accommodate the new rear brake system



NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Rear-Wheel-Drive Advantages

Performance and Handling Traction

- Provides excellent handling and balanced performance, especially through turns, thanks to a more even front-to-rear weight distribution compared to front-wheel-drive systems
- Provides balanced steering and handling by spreading tire loads to all four tires, compared to a front-wheel-drive system, where the front tires are required to manage both steering and acceleration loads
- Eliminates torque steer, the annoying pulling to the left or right during hard acceleration in a front-wheel-drive vehicle, caused by the imbalance of driving force between the front wheels

ENGINEERING INSIGHT: LIMITED-SLIP REAR DIFFERENTIAL

A limited-slip rear differential is designed to transfer engine power to the rear wheel with the most grip. This greatly improves traction on slippery or uneven surfaces — translating to excellent acceleration and performance.



NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

TORSEN Differential

Performance and Handling Traction

The TORSEN® rear differential:

- Is a full-time torque-sensing system designed to improve power delivery to the rear
- Continuously manages power delivery between the rear axles, helping maximize traction over a variety of road conditions
- Helps improve overall vehicle handling and acceleration capability due to a better balance of power delivery
- Uses a parallel helical gear system

- TORSEN helical gearset is more robust than a limited-slip differential with a clutch pack design



NOTE: TORSEN is a registered trademark of JTEKT Corporation.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Acceleration Timer

[Performance and Handling](#)
[Track Apps](#)

- Brings up a selection of tests that the driver can run
- Displays the vehicle's straight-line performance
- Once the test has been selected, the driver can select from 2 different starting methods:
 - **Countdown Start**
 - Provides a racing "Pro Tree" (the red, yellow and green staging lights found at drag strips) style of starting
 - Driver will be prompted to pull up to the starting line and then be prompted to start the countdown
 - Colors will flash a half-second apart, and if the start is successful, it will end in green; if the driver accelerates early, the color will be red and no data will be recorded
 - **Automatic Start**
 - Useful if there is an external starting mechanism
 - Once the driver presses "OK," the timer will wait until the vehicle starts moving and then the time will begin
- Once the timer start is successful, the screen will change to show an elapsed time and a progress bar to show when the test will be complete
- When the data collection finishes, the screen will display the results
- Timer will attempt to fill in as many of the times and speeds as it can. For example, if the customer picks a 1/4-mile test, all the results should be filled in provided the vehicle exceeded 100 mph
- The recorded times and speeds are similar to the results that a drag strip would provide at the end of a run

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Accelerometer

[Performance and Handling](#)
[Track Apps](#)

- The red dot in the center of the gauge is a real-time indication of the vehicle's longitudinal and latitudinal acceleration and updates continuously
- The numbers on the outside of the ring represent the maximum accelerations since the customer last reset the values
- The gauge updates only when it's being displayed

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Brake Performance

[Performance and Handling](#)

[Track Apps](#)

- Brings up a selection of tests that the driver can run
- Displays the vehicle's rate of deceleration
- Driver is instructed to accelerate above the speed requested in the previous screen
- Once the proper speed is attained, the driver is instructed to apply the brakes
- The screens will then change to the data acquisition screen
- Data acquisition screen shows the elapsed time and a progress bar showing when the test will be complete
- After collecting the data, the results will be displayed

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Exhaust Mode

[Performance and Handling](#)

[Track Apps](#)

- When the driver selects a drive mode, the exhaust mode system switches to a default setting for that mode: Quiet, Normal, Sport or Track
- Driver can override the default exhaust mode setting using the menu option or the toggle switch
- Exhaust modes are:
 - Quiet — lowers the noise of the exhaust
 - Normal — default factory exhaust setting
 - Sport — raises the noise of the exhaust
 - Track — exhaust tuned for track performance (track use only)



QUIET START

- "Quiet Start" setting lets drivers keep the signature GT500 rumble to a minimum during designated times
- Allows the exhaust valves to be set to closed during a time window so the GT500 doesn't wake the neighborhood
- Duration can be set from 1 to 24 hours

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Lap Timer

[Performance and Handling](#)

[Track Apps](#)

- Allows the driver to select from up to 3 different track lengths and have lap times recorded for each
- Calculates average speed based on driver-selected track distance and driver-measured lap times
- Data can be saved for each track that has times recorded
- Saves All-time Best lap time and average speed for each track that has times recorded

2020 Shelby® GT500®

Performance Shift Indicator

Performance and Handling
Track Apps

- The performance shift indicator displays a row of colored lights that represent engine rpm
- The performance shift indicator menu allows the driver to:
 - Choose whether the indicator is shown on the windshield or information display.
 - Set a shift point within the allowable rpm range in increments of 100
 - Enable or disable the associated shift tone, based on the set shift point
 - Set the mode between Off, Change with Drive Mode, Tach, Track and Drag
 - Set the light intensity
 - The intensity automatically adjusts between daytime and nighttime
- Driver can choose from three different configurations of shift indicator
 - Tach
 - Track
 - Drag Strip
- Each setting will change the look of the shift indicator

NOTE: For availability of product features, please see Availability by Model and/or the **Dealer Ordering Guide**.

2020 Shelby® GT500®

Asymmetric Tires

Performance and Handling
Tires and Wheels

- ❏ Feature two or more different patterns across the face of the tire; that is, the inner and outer tread patterns across the width of the tire are not the same
- ❏ Blend of patterns increases the range of driving conditions in which the tires are capable of performing
- ❏ Several tread combinations can be used to achieve very specific results
- ❏ Designed with vehicle performance in mind
 - Large blocks of tread on the outside increase cornering stability
 - Narrow blocks of tread along the inside aid wet weather driving
 - Summer-only tire formulated compound
- ❏ The tread pattern maximizes the grip of the tire based on acceleration and braking forces and how they affect each tread of the tire
 - Lateral grooves on both sides of the tire centerline point in the same direction and result in V-shaped tread blocks
- ❏ Asymmetric tires are designed to optimize acceleration, braking and cornering forces, providing vehicle handling advantages over non-directional tires



NOTE: For availability of product features, please see Availability by Model and/or the **Dealer Ordering Guide**.

2020 Shelby® GT500®

Carbon-Fiber Wheels

Performance and Handling
Tires and Wheels

- ❏ Exposed carbon fiber adds to the performance look of the Carbon Fiber Track Package
- ❏ Clearcoat finish helps protect the carbon fiber from damaging UV rays
- ❏ The wheels are custom width-matched to the new sidewall and contact patch on the Michelin Pilot Sport Cup 2 tires with Carbon Fiber Track Pack
- ❏ Save approximately 60 lbs. of unsprung weight compared to a comparable-sized aluminum wheel
- ❏ Feature 10% more lateral stiffness vs. the standard GT500 aluminum wheels
- ❏ Assembled using unidirectional carbon-fiber masks that are layered by hand to the mold, then combined with hardener and injected into a mold
 - Ceramic plasma arc spray coating on the inside of the front wheels provides protection from heat during track sessions
 - Protective clearcoat finish helps protect the carbon fiber from UV rays
- ❏ Aluminum backer plate in the hub region
 - Allows for the same clamp load performance as the standard GT500 aluminum wheel
- ❏ Utilizes longer wheel studs vs. the standard GT500 aluminum wheel



NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Michelin Pilot Sport Tires

Performance and Handling Tires and Wheels




MICHELIN PILOT SPORT 4S TIRES

- ❏ Using a unique bi-compound technology, the standard Michelin Pilot Sport 4S tires are track-tested
 - Outer part of the tread uses a new hybrid compound that promotes grip on dry ground
 - Inner side of the tread uses a new compound with silica and functional elastomers, which helps give the tire more consistent grip on wet surfaces
- ❏ With optimized tread footprint developed and tested successfully in Formula E racing, these are the first 18-inch tires to be used on open-wheeled race cars



MICHELIN PILOT SPORT CUP 2 TIRES



-  Included in the Carbon Fiber Track Pack, specially designed Michelin® Pilot Sport Cup 2 tires feature GT500-specific sidewall construction, tread and formulation for maximum longitudinal and lateral grip
-  Innovative Michelin contact patch technology maximizes contact patch size and enhances footprint pressure so more rubber remains in contact with the track when cornering for optimal grip in curves and tight corners
-  State-of-the-art Michelin Pilot® Sport Cup 2⁽¹⁾ tires (305/30ZR20 front and 315/30ZR20 rear) are mounted on the Exposed Carbon Fiber 20" x 11" front wheels and 20" x 11.5" rear wheels in the Carbon Fiber Track Pack

ENGINEERING INSIGHT: MICHELIN PILOT SPORT CUP 2 TIRES

The Michelin Pilot Sport Cup 2 tire is Michelin's street-capable track and competition tire specifically designed for use on Shelby GT500 and developed for extreme grip on the racetrack.

On the inside, the Pilot Sport Cup 2's structure features twin steel belts reinforced by spirally wound polyamide cord that offers a lightweight, high-strength reinforcement above the steel belts to enhance durability, handling and wear. The polyamide cord is applied with variable tension between the shoulders and the center of the tire and is firmly tightened to lock the tire structure into a practically inelastic belt. As a result, the tire's footprint remains constant and centripetal force is effectively controlled.

On the outside, the tire features a polyester casing that combines ride comfort with responsive handling. The Pilot Sport Cup 2's bead region is 10% wider than that of traditional sports tires and is strengthened with a high modulus rubber compound that increases the tire's lateral stiffness to deliver sporty responsiveness as well as precision steering.

The Pilot Sport Cup 2's tread molds different rubber compounds into an asymmetric design on the tread's outboard and inboard regions. The outboard shoulders feature a tread rubber with hardness specially designed to deliver maximum adherence and outstanding dry grip on curves, especially in tight corners. Notched center ribs and an inboard shoulder use tread rubber with a more rigid elastomer to ensure precise steering.

(1) Ford does not recommend using summer tires when temperatures drop to approximately 45°F or below (depending on tire wear and environmental conditions) or in snow/ice conditions. If the vehicle must be driven in these conditions, Ford recommends using all-season or snow tires.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Tire Inflator and Sealant Kit

Performance and Handling
Tires and Wheels

The tire inflator and sealant kit takes the place of a spare tire and jack to help reduce overall vehicle weight.

- Used to inflate and seal small, non-sidewall punctures due to road hazards
- Includes a portable compact air compressor and a can of tire sealant



ENGINEERING INSIGHT: TIRE INFLATOR AND SEALANT KIT

To help save weight, the Shelby GT500 does not have a spare tire. Instead, there is an available tire inflator and sealant kit. The kit includes a compressor to inflate and a can of tire sealant to seal small punctures in the tire caused by road hazards. By eliminating the extra weight of the spare tire, engineers were able to improve the power-to-weight ratio and give the Shelby GT500 improved performance.

MAKE THE POINT: TIRE INFLATOR AND SEALANT KIT

Explain to your customers that the tire inflator and sealant kit takes the place of a traditional spare tire and jack, helping to eliminate the extra weight of the spare wheel and tire. Also, remind your customers that when using a tire repaired with the kit, they should not exceed 50 mph or drive farther than 120 miles, and should go to the nearest Ford-authorized dealer to have the tire inspected and the kit replaced. See the vehicle owner's manual for more information.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

Feature Resources



VIDEO
Tire Mobility Kit

2020 Shelby® GT500®

Towing the Vehicle

Performance and Handling
Towing

- Flatbed equipment **must** be used to tow Mustang Shelby GT500
- Four-wheel-down towing, also known as flat/neutral towing, refers to towing a vehicle with all four of its wheels on the ground — for example, when towing a vehicle behind an RV (recreational towing)
 - Shelby GT500 **does not** offer four-wheel-down towing capability
- Dolly-towing allows owners to tow their vehicle behind an RV or motorhome if they are unable to four-wheel-down their vehicle
 - Shelby GT500 **does not** offer dolly-tow capability
- Refer to the RV & Trailer Towing Guide and the vehicle owner's manual for complete details and restrictions



Engine	Four-wheel-down Capability	Dolly-tow Capability	Emergency Towing ⁽¹⁾ (Recommended)
	Dual-clutch	RWD	
5.2L Supercharged V8	No	No	Flatbed equipment

(1) In an emergency only, the vehicle may be neutral-towed behind another vehicle, but only at a maximum speed of 35 mph and for a distance of no greater than 50 miles.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Exterior

The all-new Mustang Shelby GT500 — from front to back — has been designed to enable its fierce performance capability. Take the front fascia, which is a perfect combination of form merging with function. The two-piece splitter channels airflow and helps reduce lift. The louvered hood air extractor, wheel arch liners and belly pans under the vehicle also work together to channel air to produce downforce and cooling. Finally, the rear spoiler aids in creating downforce and customers can add an available Gurney flap as an enhancement. All these elements combine not only to help keep the Shelby GT500 firmly planted on the track, but also to elevate its appearance.



FORM FOLLOWS FUNCTION

Up Front

- ▣ Shelby GT500-specific fascia gives the car a unique look and includes an aggressive front splitter
- ▣ Functional front splitter limits airflow under the car, helping improve high-speed aerodynamics
- ▣ Sloped power dome hood made from Sheet Molded Compound (SMC) provides a sleek, powerful look and includes self-centering hood pins
- ▣ Thin-mesh metal grille helps protect the radiators while improving airflow
- ▣ "GT500" debossed into front fascia
 - "SHELBY" debossed into the upper face of the front splitter
- ▣ Coiled cobra badge centered in the upper grille opening
- ▣ Louvered hood air extractor increases the draw of air through the grille openings for reduced lift and track-capable heat management
- ▣ HID headlamps provide a distinctive look and excellent nighttime visibility
- ▣ Wide front fenders give a visual stance and frame the 20" x 11.0" wheels and Michelin Pilot Sport Cup 2 tires



Along the Side

- ▣ Rocker moldings visually lower the car and include aero extensions to improve airflow over the front wheel
- ▣ Coiled cobra badges on front fenders
- ▣ 20" flow-formed High-Gloss Black aluminum wheels with 295/30ZR20 front and 305/30ZR20 rear tires
- ▣ 20" Exposed Carbon Fiber wheels with 305/30ZR20 front and 315/30ZR20 rear tires (included in Carbon Fiber Track Pack)
 - Steeply sloped windshield and rear glass provide a sleek profile
 - Unified side glass for a clean, modern appearance
 - Exterior mirrors mounted to doors helps visibility



At the Rear

- ▣ Rear fascia includes a roll pan with airflow diffuser to help improve aerodynamic efficiency
- ▣ Three different rear decklid spoiler designs to meet the customer's performance needs include; the standard Raised, optional Swing (Raised+Gurney Flap) or GT4 Wing
 - Coiled cobra on trunk lid
 - Quad exhaust tips
 - Tri-bar taillamps with sequential turn signals is a classic 1960s Mustang design cue

AERODYNAMICS AND DOWNFORCE



Ford engineers analyzed every aspect of the Mustang Shelby GT500 shape to optimize the aerodynamics. Those elements include the sloped power dome hood, carefully sculpted body panels, wide front fenders to accommodate wider tires, **rear wing** design and integrated **diffuser** in the rear fascia. Combined, they give the vehicle a balanced design meant to provide aerodynamic performance and direct airflow where it's needed.

TIRES AND WHEELS

Shelby GT500-specific **Michelin Pilot Sport 4S tires** feature a unique bi-compound tread pattern — meaning the outer tread compound is designed with large blocks to maximize lateral grip and the inside tread compound has narrower blocks to help in wet weather driving. GT500 offers two **wheels**, the standard 20" flow-formed High-Gloss Black aluminum wheels paired with Michelin® Pilot® Sport 4S tires or the available, lighter-weight **20" Exposed Carbon Fiber wheels** paired with the track-ready **Michelin Pilot Sport Cup 2 tires** included in the **Carbon Fiber Track Pack**.



NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Front-End Airflow

Exterior
Exterior Design

The Shelby GT500 development team used advanced 3D airflow modeling to maximize cooling and reduce lift and drag, analyzing more than 500 designs in computer simulations.

AIRFLOW MANAGEMENT

- ✚ The front of the Shelby GT500 was set up to manage airflow and reduce lift, with the fascia openings and front splitter and working in conjunction with the hood air extractor to efficiently direct the airflow
- ✚ Shelby GT500-specific front splitter and belly pan were designed together as a system for both aerodynamic and structural purposes

- Designed to provide additional stiffness and structure to the splitter due to high amounts of load and stress
- Splitter and belly pan help reduce lift and enhance brake cooling
- Belly pan bolted to chassis for improved strength
- Belly pan and splitter made of glass reinforced plastic
- Two-piece splitter helps manage downforce
- Thin-mesh metal grille insert composed of powder-coated stainless steel
- Grille opening is twice as large and larger brake cooling ducts than GT350 direct more air for cooling for engine and brake component cooling
- 🚩 Large 31" x 28" louvered vent in the hood, which is equal to 6.03 square feet
 - Extracts air flowing from the front of the vehicle for reduced lift and track-capable heat management
 - Includes removable rain tray
- 🚩 Front fascia design helps extract up to 230 kilowatts of heat energy at full throttle — enough energy to heat a dozen homes
- 🚩 Wheel arch liners manage airflow from the front of the car through integrated louvers
- 🚩 Shelby GT500-specific brake ducts are integrated into the lower grille for improved brake cooling
- 🚩 Belly pan, hood extractor, splitter and wheel arch liners all work together to channel the right air to the right places



NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Front Splitter

Exterior
Exterior Design

- 🚩 Shelby GT500 uses a 2-piece splitter to help provide downforce and reduce lift
- 🚩 The splitter is attached to the belly pan to provide structural integrity
- 🚩 Carbon Fiber Track Pack includes outboard splitter wickers with integrated dive planes (placed in vehicle for installation by the customer)



NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Rear Diffuser

Exterior
Exterior Design

- ▣ Serves as ducts for the differential cooler by channeling air from the underbody to the cooler
- ▣ Smooths out airflow and reduces lift at the rear
- ▣ Made of glass reinforced plastic



NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Rear Spoiler, Wing and Gurney Flap

Exterior
Exterior Design

- ▣ The development team called the standard raised spoiler with the added Gurney Flap a "swing" (spoiler + wing) and based its design on advanced computer simulations
- ▣ GT500 rear "swing" spoiler is lightweight and optimized for proper aerodynamic balance
- ▣ Available Gurney flap is a small lip at the rear of the "swing" designed to improve the aerodynamic characteristics by generating more downforce
- ▣ With the available Handling Package that includes the Gurney flap, the "swing" is capable of providing up to 379 pounds of rear downforce at 180 mph
- ▣ GT500 Carbon Fiber Track Pack features a lightweight carbon-fiber rear wing inspired by the GT4 race car that provides additional downforce — up to 550 pounds at 180 mph
 - Track Pack carbon fiber rear wing has two (2) position adjustability offering the customer the ability to tune downforce based on track/driving type



NOTE: Handling Package with included Gurney flap is not compatible with Carbon Fiber Track Pack.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Global Open Windows

Exterior

The global open windows feature lets owners use their key fob to remotely open the vehicle's front windows, helping to cool the vehicle interior before entering.

OPERATION

- To open the windows:

- After unlocking the vehicle, press and hold the unlock button on the key fob to begin downward motion
- Press the lock or unlock button on the key fob to stop motion
- Can be enabled or disabled in the Information Display



NOTE: For availability of product features, please see Availability by Model and/or the **Dealer Ordering Guide**.

2020 Shelby® GT500®

High-Intensity Discharge (HID) Headlamps

Exterior

High-intensity discharge (HID) headlamps emit a brighter, more natural light than halogen headlamps, which can help improve visibility.

- Use a special quartz bulb with no filament to generate an intense, bluish-white light
- Emit approximately 2.5 times as much light as conventional halogen bulbs
- Because there is no brittle filament inside a xenon HID bulb to break or burn out, the bulbs typically last up to 3 times longer than halogen bulbs (3,000 hours versus 1,000 hours of continuous operation, which is equivalent to 5 to 10 years of normal driving)



NOTE: For availability of product features, please see Availability by Model and/or the **Dealer Ordering Guide**.

2020 Shelby® GT500®

Intelligent Access with Push-Button Start

Exterior

Intelligent Access with push-button start allows owners to unlock, lock and start the vehicle when the key fob is close to or inside the vehicle.

- System senses when the Intelligent Access key fob is in range of the vehicle and allows access to the vehicle when:
 - The inside of the front exterior door handle is touched
 - The luggage compartment button is pressed
 - A button on the key fob is pressed
- Trunk can be opened — without using the key — by depressing the switch located above the license plate when the Intelligent Access key fob is in range



- Smart unlock feature is intended to prevent the Intelligent Access key fob from being locked inside the vehicle
- Key fob includes a removable mechanical key, allowing access to vehicle if the key fob battery is dead

STARTING THE VEHICLE

Once the Intelligent Access key fob is sensed:

1. Press the brake pedal.
2. Press and release the Engine START/STOP button on the instrument panel. An indicator light on the button illuminates when the ignition is on and when the engine starts.

TURNING OFF THE VEHICLE

1. Place the vehicle in Park (P).
2. Remove your foot from the brake pedal.
3. Press and release the Engine START/STOP button.

MAKE THE POINT: ACCESSING THE KEY CYLINDER

Vehicles equipped with Intelligent Access with push-button start feature a removable mechanical key blade within the Intelligent Access key fob. Make sure to show your customers that the key cylinder is located under a cap on the driver's door handle.

To Remove the Cap:

1. Insert the key blade into the slot on the bottom of the handle and press up.
2. While maintaining upward pressure, move the cap rearward to release it. Gently remove the key while doing so.

To Install the Cap:

1. Place the cap just forward of the key cylinder.
2. While applying pressure to the cap, move it forward until it is in place. You may hear a snap as it engages.
3. Make sure you have properly installed the cap by trying to move it rearward.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Sequential Light-Emitting Diode (LED) Tri-Bar Turn Signals

Exterior

Light-emitting diode (LED) taillamps provide a bright, vivid light — which is typically easier to see in the daytime. They illuminate more quickly, are energy efficient and provide outstanding life expectancy over traditional bulbs.

- 3 individual LED lights form the iconic tri-bar rear taillamp assembly
- Taillamps have 3D look
- LED lamps illuminate faster and last longer than traditional reflector-bulb designs



NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Interior

Inside the 2020 Shelby GT500, the layout functions like a command center — with every component focused on performance. The driver-centric cockpit features leather-trimmed front seats with Miko® suede sport inserts, rotary gear shift dial and performance shift indicator light to give the driver a sense of control. GT500 also features aluminum pedals, a leather- and Alcantara-wrapped steering wheel with flat bottom, center marker and paddle shifters when the driver wants to take that legendary power into their own hands. Each Shelby GT500 also includes a chassis number badge located on the passenger side of the instrument panel.



RECARO SEATS

Available **RECARO® leather-trimmed front seats**, designed in collaboration with Ford, were structured with cushioning, bolsters, foam and trim to provide lateral support, keeping the driver firmly in place during aggressive cornering maneuvers. They were tested on the track to ensure the design would accommodate a driver wearing a helmet.



COILED AND READY TO STRIKE



Mustang Shelby GT500 features a tailored interior with branding throughout. Shelby Cobra logos are featured on the steering wheel center pad and center stack display on start-up. **Shelby-exclusive Trim Package and aluminum instrument panel** lend distinctive style, along with the wrapped center console with accent stitching. Carbon Fiber trim for the IP is also available.

NOTE: Alcantara is a registered trademark of Alcantara S.p.A., Italy.

NOTE: Miko is a registered trademark of Miko s.r.l.

NOTE: RECARO is a registered trademark of RECARO Beteiligungs-GmbH.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

12" LCD Digital Instrument Cluster

Interior

- 12" customizable instrument cluster allows drivers to choose the instrument cluster display they want
- Lets drivers monitor a variety of vehicle functions, from performance to driver-assist features
- Tied to Selectable Drive Modes
 - Cluster image will change depending on what Drive Modes are active
 - Three main cluster views: Normal, Sport and Track
 - Sport and Track put performance features like the tachometer front and center
 - Provides crisp 3D images for features like TPMS, electronic line-lock and driver-assist features
- Information on Demand in the center of the cluster displays vehicle information like TPMS, fuel economy trip computer, navigation and performance settings (TrackApps)
- Virtual gauges can be added to monitor various functions like engine oil temperature, boost/vacuum, cylinder head temperature and oil pressure
- Features a performance shift indicator (manual transmission only), acceleration timer and a lap timer
- Has performance displays for the accelerometer and electronic line-lock (track use only)
- Customers will appreciate the attention to detail with this cluster, for example:
 - During light acceleration, short blue comet tail
 - During heavy acceleration, long blue comet tail
 - Cluster is visual and intuitive
 - Selectable Drive Mode views and visuals change between modes
- Toggle is located on the lower center stack

MYMODE

- Memory function allows customers to save their favorite drive settings, including suspension, steering, exhaust and more
- When vehicle is shut off and restarted, it defaults to Normal mode

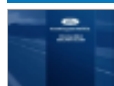
MYGAUGES

- Predefined list that allows driver to select gauges and customize appearance and function

NOTE: See the Performance/Handling section for details on TrackApps.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

Feature Resources



VIDEO

Mustang digital instrument cluster

2020 Shelby® GT500®

AM/FM/MP3 Audio System

Interior

- 160 watts of peak power
- 9 speakers plus a multichannel amplifier are standard
- AM/FM tuner
- MP3 capability
- **Speed-Compensated Volume (SCV)**
 - Compensates for changing ambient noise levels by adjusting the volume of the radio according to the vehicle's speed signal
 - Allows 7 volume adjustment levels
 - Adjustable through the menu
- **Shuffle** plays MP3 tracks in random order
- **RBDS** (Radio Broadcast Data System) function — for stations that support RBDS capability — allows:
 - Radio station call letters to appear on display
 - Type of music format to appear on display
 - Search for type of music format
 - Traffic information broadcasts
- **Folder/track mode**
 - Allows the audio system to play and seek through tracks with or without folder option (MP3s only)
 - Displays track time, track being played and total number of tracks
- Text display (ID3 tag, directory and track display)



NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

B&O Sound System by Bang & Olufsen

Interior

B&O SOUND SYSTEM BY BANG & OLUFSEN

Includes or replaces features of the AM/FM/MP3, plus:

- 1000 watts of max power
- 12 high-performance speakers
 - Radiating hole pattern supporting acoustical transparency
 - Holes at the edge gradually decreasing in size in order to blend seamlessly
- Digital Signal Processing (DSP)
 - Adaptive volume
 - Surround sound
 - Power manager

- Single-disc CD player
- HD Radio™
- Enhanced bass performance with subwoofer in trunk
- 8-inch color LCD screen includes a B&O app/control screen



NOTE: HD Radio is a proprietary trademark of iBiquity Digital Corp.

NOTE: BANG & OLUFSEN® 2019 and B&O® 2019, BANG & OLUFSEN™ and B&O™ are registered trademarks of Bang & Olufsen Group. Licensed by Harman Becker Automotive Systems Manufacturing Kft. All rights reserved.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Dual-Zone Electronic Automatic Temperature Control (DEATC)

Interior

Dual-zone electronic automatic temperature control (DEATC) automatically maintains separate preferred cabin temperatures for the driver and front-seat passenger to meet their individual needs.

SYSTEM DETAILS

- A "set-and-forget" feature
- Allows a temperature setting range between 60° F and 85° F
- Measures interior and exterior temperatures and automatically adjusts temperature and blower speed to maintain preset climate control system settings



NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Instrument Panel and Trim

Interior

- Available exposed carbon-fiber instrument panel provides an additional high-performance visual cue
- Integrated center stack sweeps down from the double-brow instrument panel and into the flow-through center console, and places audio and climate controls within easy reach of the driver or front passenger

- Interior trim utilizes dark color and low-gloss materials as well as dark chrome to help minimize driver distractions
- Oil pressure and oil temperature gauges mounted between the center vents for easy visibility by the driver
- 12" digital instrument cluster with MyColor
- Shelby-specific aluminum instrument panel trim
- Gray accent cluster surround and register vents



NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Interior Trunk Release Button

Interior

- Located on the instrument panel just to the left of the steering wheel
- Pushing the button opens the trunk



NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Seating

Interior

- GT500 features standard heated and cooled leather-trimmed Miko® suede sport seats with adjustable head restraints (adjustable head restraints and heated/cooled seats are not available with RECARO® sport bucket front seats)
 - Ebony seats with Smoke Gray accents
 - 50/50 split bench seat in rear

- Hundreds of hours and many prototypes went into developing available Shelby GT500-specific available RECARO front sport seats that are comfortable in both daily driving and on the track
 - RECARO sport bucket front seats designed by Ford Performance in cooperation with RECARO

- Color coordinated vinyl trim
- Vinyl trim with Miko inserts (with RECARO sport bucket front seats)
- Standard leather-trimmed with Miko suede sport seat adjustments include:
 - 6-way power, heated and cooled driver's seat
 - 6-way power, heated and cooled passenger's seat
 - Driver's seat includes lumbar and memory recline
 - Front 4-way adjustable head restraints
- RECARO sport bucket front seats provide fixed head restraints and manual seat adjusters without power controls or heated/cooled functionality
- Rear seat deleted with Carbon Fiber Track Pack



NOTE: Miko is a registered trademark of Miko s.r.l.

NOTE: RECARO is a registered trademark of RECARO Beteiligungs-GmbH.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

50/50 Rear Seat

Interior
Seating

- Split bench, folding rear seat
- Color coordinated vinyl trim
- Vinyl trim with Miko® inserts (with RECARO® sport bucket front seats)
- Folding down the right-side seat back helps accommodate longer cargo, such as skis, while still providing ample room for a rear-seat passenger
- Rear seat is deleted with Carbon Fiber Track Pack

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Adjustable Head Restraints

Interior
Seating

Properly installed and adjusted, head restraints help minimize the risk of neck injury in the event of a crash.

SYSTEM DETAILS

- Whenever possible, the head restraint should be properly adjusted when the seat is occupied
- Do not adjust the head restraint when the vehicle is moving
- Head restraint adjustments apply to the standard seats only

FRONT 4-WAY ADJUSTABLE HEAD RESTRAINTS

- Can be properly adjusted up or down, forward and back
 - Set the adjustment when the seat is occupied and the vehicle is stationary
- To adjust the head restraint up and down:
 - Pull the head restraint up to raise it
 - Press and hold the button at base of head restraint and push the head restraint down to lower it
- To tilt the head restraint forward and reset it:
 - Adjust the seat back to an upright driving or riding position
 - Pivot the head restraint forward toward the occupant's head to the desired position
 - After the head restraint reaches the forward-most tilt position, pivot it forward again to release it back to the rearward, untilted position

NOTE: Refer to the vehicle owner's manual for more information.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Heated and Cooled Front Seats

Heated and cooled front seats allow the driver and front passenger to independently control the temperature of their seat surfaces for enhanced comfort.

- Provide 3 levels of warm and cool comfort
- Controlled with the 8" center-stack screen heated and cooled seat icons or hard buttons on center stack
- Not available with RECARO® sport bucket front seats

NOTE: RECARO is a registered trademark of RECARO Beteiligungs-GmbH.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

RECARO Sport Bucket Front Seats

- RECARO® sport bucket front seats designed by Ford Performance in cooperation with RECARO
- Designed for comfort and support with original design done by RECARO based on their new sport concept seat
- Developed and tested on the track by drivers and engineers, the seats are much more track-oriented vs. a sport seat with optimum maximum helmet clearance and comfort
- Shelby GT500 unique seat trim
- Seat structure and bolsters provide lateral support to keep the driver firmly planted in the seat during aggressive cornering maneuvers
- Wide front provides enhanced comfort while shifting and easy access to the pedals
- Driver 4-way manual, front-passenger 2-way manual



NOTE: RECARO is a registered trademark of RECARO Beteiligungs-GmbH.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Spring-Assisted Front Seat Backs

- Make getting in and out of the rear seat much easier
- Pulling a small lever at the top of the seat back — at the perfect height for someone standing next to the car — releases the front seat back
- The person folding the seat forward doesn't have to bend down to release the seat back
- Memory recline: When pushed back, seat back will return to the preset recline position

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Steering Wheel

- ❏ Leather- and Alcantara®-wrapped steering wheel has a thicker wrap than Mustang
- ❏ Flat bottom makes it easier for the driver to get in and out, and is more ergonomic on the racetrack
- ❏ Coiled Cobra logo on the center pad
 - White center marker at top of steering wheel



NOTE: Alcantara is a registered trademark of Alcantara S.p.A., Italy.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Universal Garage Door Opener

The universal garage door opener (UGDO) is a 3-button transmitter that allows the driver to program and operate three compatible devices, like the garage door opener, entry gate or home lighting, from inside the vehicle.

SYSTEM DETAILS

- Integrated into the driver's side sun visor
- Includes two primary features:
 - A garage door opener
 - The capability to remotely activate devices within the home or office, such as:
 - Entry gates
 - Security systems
 - Entry door locks
 - Home lighting



NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

Feature Resources



VIDEO

Universal Garage Door Opener: Getting Started



VIDEO

Universal Garage Door Opener: Homelink



VIDEO

Universal Garage Door Opener: Homelink for Genie Intellicode



VIDEO

Universal Garage Door Opener: Homelink for Genie Intellicode 2



VIDEO

Universal Garage Door Opener: Lear Car2U Fixed Code Transmitter

2020 Shelby® GT500®

Technologies

Mustang Shelby GT500 offers more than just pulsating performance — it's also packed with impressive technology designed to have performance close at hand. Every GT500 model includes the 12" digital instrument cluster with changing animation each time the driver switches drive modes and a customizable MyColor setting. Customers can also connect up to 10 mobile devices to the FordPass Connect 4G LTE Wi-Fi hotspot. The standard SYNC 3 system includes an 8" color LCD touchscreen in the center stack with swipe capability, plus Apple CarPlay® and Android Auto™ compatibility.

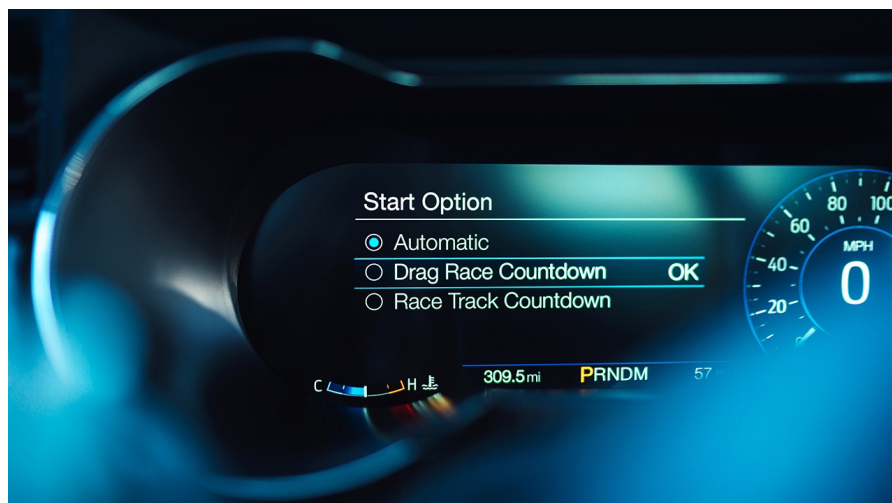


UNDERSTANDING FORD TECHNOLOGIES

To help understand, and better present, Ford technologies, this section is divided into two primary categories.

Driver-Assist Technology — Features designed to help owners increase their confidence behind the wheel including Ford Co-Pilot360 Technologies.

Connectivity Technology — In-vehicle features that elevate the ownership experience, including SYNC 3, FordPass Connect and Ford+Alexa.



TECHNOLOGY PACKAGE



The available technology **package** adds the **B&O Sound System by Bang & Olufsen** with 12 speakers and 1,000 watts of maximum power, **BLIS (Blind Spot Information System)** and **Cross-Traffic Alert**, heated sideview mirrors with turn signals and Cobra puddle lamps, power 6-way driver seat, and **Voice-Activated Touchscreen Navigation System**.

SYNC 3 STANDARD

SYNC 3 with Apple CarPlay and Android Auto compatibility is standard on Shelby GT500. This fully integrated communications system features the latest generation of voice-activated technology.⁽¹⁾ SYNC 3 combines enhanced voice recognition and performance along with SYNC AppLink compatibility for features such as Ford+Alexa capability and Waze™ for Android Auto.⁽²⁾ All accessed from the standard **8" center-stack** touchscreen.



FORDPASS CONNECT



Shelby GT500 with **FordPass Connect** (4G LTE modem) can be used to locate a parked vehicle and remotely access vehicle features such as start, lock and unlock, and vehicle status including fuel level and approximate mileage. In addition, the built-in **4G LTE Wi-Fi** can handle up to 10 devices and maintain a laptop, tablet or cell phone connection up to 50 ft. from the vehicle.

(1) Don't drive while distracted. Use voice-operated systems when possible; don't use handheld devices while driving. Some features may be locked out while the vehicle is in gear. Not all features are compatible with all phones.

(2) Don't drive distracted or while using handheld devices. Use voice controls. Certain Alexa functionality is dependent on smartphone and home technology. Amazon, Alexa, and all related logos and motion marks are trademarks of Amazon.com, Inc. or its affiliates.

NOTE: Apple CarPlay is a trademark of Apple Inc., registered in the U.S. and other countries.

NOTE: Android Auto is a trademark of Google Inc.

NOTE: BANG & OLUFSEN® 2019 and B&O® 2019. BANG & OLUFSEN™ and B&O™ are registered trademarks of Bang & Olufsen Group. Licensed by Harman Becker Automotive Systems Manufacturing Kft. All rights reserved.

NOTE: FordPass Connect is an optional feature on select vehicles and is required for certain remote features. Service for 2020 and later model years includes a 1-year trial for remote features. Excludes Wi-Fi hotspot and starts with vehicle sales date (after which, fees apply). Connected service and related feature functionality is subject to compatible AT&T network availability. Evolving technology/cellular networks may affect functionality and availability, or continued provision of some features, prohibiting them from functioning. Certain restrictions, third-party terms or message/data rates may apply.

NOTE: Wi-Fi hotspot includes complimentary wireless data trial that begins upon AT&T activation and expires at the end of 3 months or when 3GB of data is used, whichever comes first, but cannot extend beyond the complimentary subscription period for remote features. To activate, go to www.att.com/ford.

2020 Shelby® GT500®

4G LTE Wi-Fi Hotspot

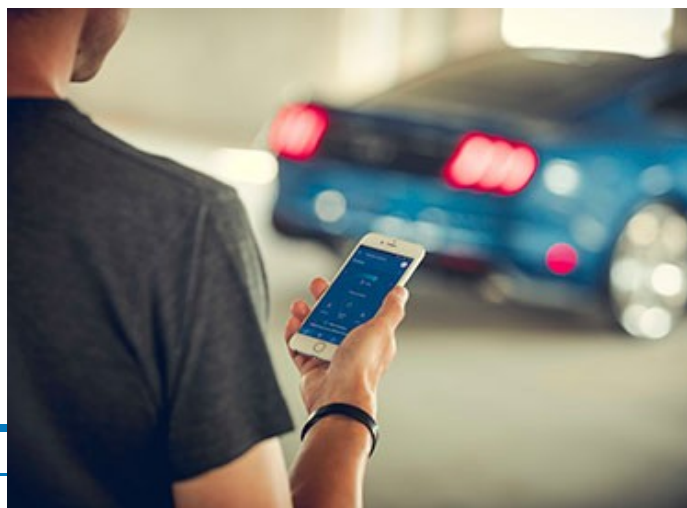
Technologies

Connectivity Technologies

The 4G LTE Wi-Fi hotspot brings a high level of connectivity, entertainment and productivity for owners.

The 4G LTE Wi-Fi hotspot adds entertainment and productivity over FordPass Connect alone. In addition to remote start, lock, unlock and scheduled remote start, your customers can stream music or a movie, access a favorite app, connect to social media or even work while on the go. Customers receive a complimentary 3-month or 3 GB data subscription with the option of purchasing additional data through AT&T after the trial ends.

This page provides the features and benefits of the Wi-Fi hotspot, as well as the **sign up and start** steps to help customers take advantage of these great features.



SUBSCRIBING FOR MORE DATA

When the trial Wi-Fi hotspot data period expires — either after 3 months or 3 GB of data, whichever comes first — your customers can purchase additional data directly through AT&T with no interruptions to their connectivity.

- Add & Share: \$10/month (1 free GB/month for adding vehicle) — existing customers only
- Unlimited: \$20/month (monthly subscription or prepaid)
- Direct customers to the dedicated connected car website to manage their account: www.att.com/ford

Feature Resources



VIDEO

SYNC Connect with Wi-Fi Hotspot: Activation and Sign-up & Start Demo

2020 Shelby® GT500®

Wi-Fi Hotspot: How to Sign Up and Start

Technologies

Connectivity Technologies

4G LTE Wi-Fi Hotspot

Follow these steps with your customers during the delivery process prior to them leaving the dealership:

- Go to the App Store® or Google Play™
- Download FordPass



Sign Up and Start Wi-Fi Hotspot

- Tap the blue Vehicle Hotspot button and follow the steps to sign up for the free trial, set up a data plan and continue the process
- A link to AT&T is provided within FordPass to activate the trial period

Sign Up and Start Trial Plan via SYNC 3 Touchscreen

1. Select Settings > Wi-Fi & Hotspot > Vehicle Hotspot.
2. Ensure the Wi-Fi hotspot is turned on with the toggle in the right position (some vehicles will be released from the factory with the Wi-Fi turned off).
3. Select Settings and View Password.
4. Use Wi-Fi-enabled device to connect to the vehicle's network (SSID).
5. After connecting to the vehicle's network, open the web browser and connect to ford.com in order to be redirected to AT&T's website for trial plan activation.

NOTE: FordPass Connect, an optional feature on select vehicles, is required for certain remote features, and requires the FordPass App and FordPass Connect service (see App Terms for details). Service for 2020 and later model year vehicles includes a complimentary 1-year trial for remote features, excluding Wi-Fi hotspot, and starts with vehicle sales date (after which, fees apply). Connected service and related feature functionality is subject to compatible AT&T network availability. Evolving technology/cellular networks may affect functionality and availability, or continued provision of some features, prohibiting them from functioning. Certain restrictions, 3rd-party terms or message/data rates may apply.



Feature Resources



VIDEO

SYNC Connect with Wi-Fi Hotspot: Activation and Sign-up & Start Demo

2020 Shelby® GT500®

8" Color LCD Touchscreen

Technologies
Connectivity Technologies

The center-stack color LCD touchscreen has a simple, user-centric appearance that features large on-screen touch buttons easily identified by what they do, streamlining the most relevant information.

SYSTEM DETAILS

Home screen provides at-a-glance status for Phone, Audio and Navigation systems.

- Vehicles without Navigation will have Phone, Audio and Compass status
- Home button at top left returns to this screen
- Buttons along the bottom are visible all the time for quick, convenient access to Audio, Phone, Navigation (if equipped), Apps and Settings

Phone screen — clean and simple design features tiles and icons used on selected screens to quickly access features, reducing the amount of screens with main features readily available.

- A-to-Z jump feature allows owners to conveniently find phone contacts
- A quick drag of the scroll bar displays a large letter denoting where owners are alphabetically within their phone book
- Owners can also use the dial command; for example, say "Dial" followed by the phone number



Audio screen uses an increased font size for easy readability with large presets and a status bar that indicates which bank of presets is being viewed.

- Simple controls for shuffle and repeat, clearly identified with icons
- Large display of album cover art
- Provides easy-to-use controls and a view of time remaining on current song
- Owners can also quickly access what they want by using voice commands

SYNC AppLink⁽¹⁾ screen — the user-centric screen offers a similar experience in the vehicle as on a smartphone with quick-response swipe technology to view available apps.

- Apps installed and discovered on the owner's phone are shown, along with an icon for each app
- iPhone® users connect via USB; Android™ users connect via USB or Bluetooth®
- Apps can resume across ignition cycles, when connected

Settings screen allows owners to customize their system experience with various settings for the touchscreen display, feature preferences and how owners want to interact with their vehicle.

Navigation screen has all the relevant information at the driver's fingertips to get directions quickly and conveniently.

- Allows for convenient pinch-to-zoom movement around the map
- Simple voice recognition destination entry and "fuzzy search" for Points of Interest (POI)
- One-box search makes it easy to type the information the driver wants into a single field, similar to Google™ search (vehicle speed-restricted feature)
- Once configured in the system, time to reach Home and Work destinations is clearly shown

- **Climate screen** — provides access to all climate control functions; climate features vary by vehicle and may include:

- **Climate controls:** turn on/off, including activating/de-activating dual-zone electronic automatic temperature control, setting driver and front-passenger temperature (60° F to 85° F), adjusting fan speed and selecting fan blower areas desired
- **Windows and mirrors:** turn on/off front and rear defroster as well as heated exterior side mirrors

MAKE THE POINT: AUTO ACTIVATION

Activating an Owner Account enables customers to take advantage of SYNC features. With Auto Activation, you can create an Owner Account on Smart VINCENT for your customers at delivery and assist with pairing their phone. Customers can then visit Owner.Ford.com to change the temporary password and personalize their account.

(1) Commands may vary by phone and AppLink software.

NOTE: Android and Google are trademarks of Google, LLC.

NOTE: iPhone is a trademark of Apple Inc., registered in the U.S. and other countries.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

FordPass Connect

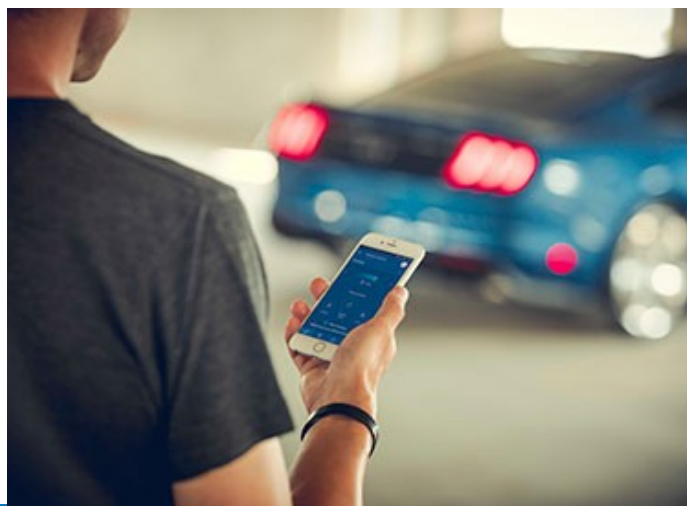
Technologies
Connectivity Technologies

With a FordPass Connect-equipped vehicle (4G LTE modem), owners can use the FordPass app to locate their parked vehicle and remotely access vehicle features such as start, lock and unlock, and vehicle status including fuel level and approximate mileage. Drivers can also schedule specific times to remotely start their vehicle so it's ready to hit the road as soon as they are.

FordPass Connect also features a 4G LTE Wi-Fi hotspot which allows users to connect laptops, tablets, smartphones and more. Users can connect up to 10 devices at a time and maintain a connection up to 50 feet from the vehicle.

The FordPass app is complimentary via the App Store® or Google Play™.

This page provides the features and benefits of using FordPass Connect through FordPass, as well as the activation steps to help customers take advantage of these great features.



FORDPASS APP — REMOTE FEATURES

With a FordPass Connect-equipped vehicle (4G LTE modem), owners can use the FordPass app to stay connected with their vehicle remotely.

Lock and unlock the vehicle's doors

No need to hurry back to the vehicle; owners can lock or unlock the doors from virtually anywhere.

Locate the vehicle

Customers can use the FordPass app to guide them to their parked vehicle. The Vehicle Locator feature saves the location of their parked vehicle with an on-board GPS. The vehicle location is automatically saved when the vehicle is turned off.

Check the status of the vehicle

If drivers are wondering whether they have enough fuel to get to an appointment, they can check their fuel level in the FordPass app. Owners can also check approximate mileage and miles until the next service is needed.

Vehicle Health Alerts

Customers can receive vehicle health alerts that can help them better understand what a warning light means, what could be causing the problem and the steps they can take to resolve the issue, including scheduling a service appointment at your dealership if needed.

NOTE: A FordPass Connect-equipped vehicle (4G LTE modem) must first be activated to access these remote features.

NOTE: Google Play is a trademark of Google Inc.

NOTE: App Store is a service mark of Apple Inc.

NOTE: FordPass Connect, an optional feature on select vehicles, is required for certain remote features, and requires the FordPass App and FordPass Connect service (see App Terms for details). Service for 2020 and later model year vehicles includes a complimentary 1-year trial for remote features, excluding Wi-Fi hotspot, and starts with vehicle sales date (after which, fees apply). Connected service and related feature functionality is subject to compatible AT&T network availability. Evolving technology/cellular networks may affect functionality and availability, or continued provision of some features, prohibiting them from functioning. Certain restrictions, 3rd-party terms or message/data rates may apply.

Feature Resources



JOB AIDS
FordPass Connect Activation Reference Guide
April 9, 2019



JOB AIDS
FordPass Rewards Dealer FAQ
January 15, 2019



JOB AIDS
FordPass Connect Dealer Dashboard Fast Facts
October 23, 2018



JOB AIDS
FordPass Connect Identify Vehicle Availability Reference Guide
September 30, 2018



VIDEO
FordPass & SYNC Connect Simplified Activation

2020 Shelby® GT500®

FordPass Connect: How to Activate

Technologies
Connectivity Technologies
FordPass Connect

FORDPASS CONNECT POWERED BY FORDPASS

Follow these activation steps with your customers during the delivery process prior to them leaving the dealership:

DOWNLOAD FORDPASS

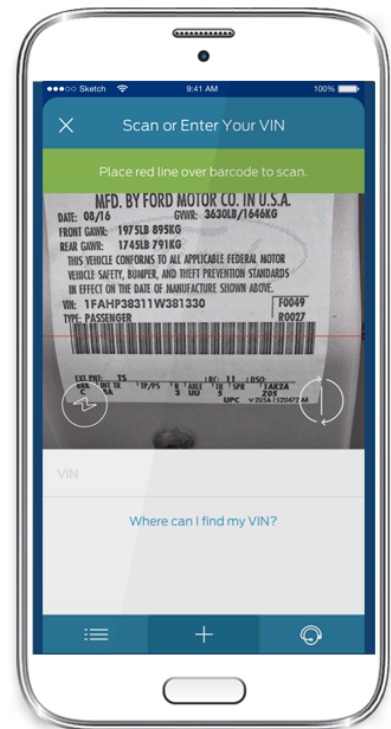
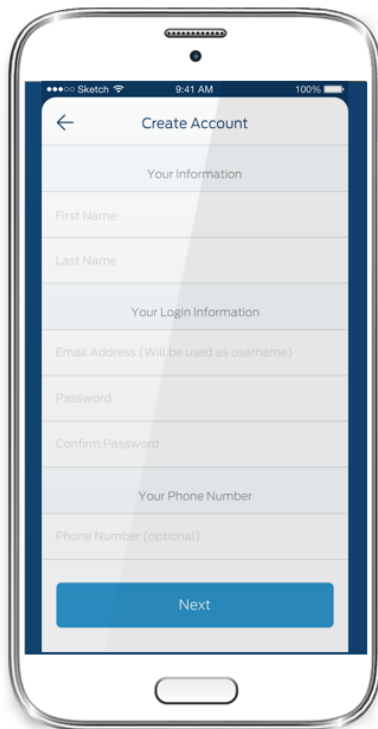
- Go to the App Store® or Google Play™
- Download FordPass



ENROLL — CREATE OR LOG IN

CREATE PIN

ADD FORDPASS CONNECT-EQUIPPED
VEHICLE (4G LTE MODEM)



Create

- Customers can create an account through the FordPass app by filling out a form with basic information

Log In

- If customers already have an Owner Account, they can simply log in using their existing Owner Account credentials
- Enter username and password

- Customers enter a 4-digit PIN for added security
- Additionally, iPhone® users can choose to use Touch ID

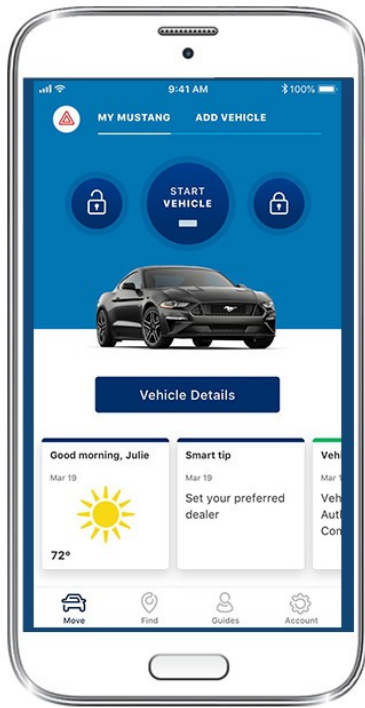
- Customers must add their vehicle to the FordPass app by scanning the VIN (Vehicle Identification Number) bar code, and then assigning a vehicle nickname. That name will show up on the start-up screen to personally welcome them

Note: Customers can also manually type their VIN to add the vehicle.

ACTIVATE FORDPASS CONNECT-EQUIPPED VEHICLE (4G LTE MODEM)

In FordPass

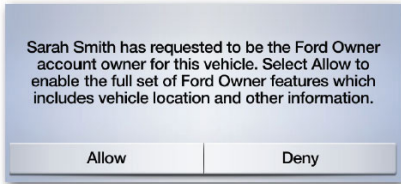
- To begin the activation process, customers must go to the FordPass Vehicle Controls card. You can also activate from the My Vehicles card after a FordPass Connect-equipped vehicle is added
- If customers are activating only one vehicle, they will be taken directly to the Activate FordPass Connect screen on the My Vehicles card
- Tap the Activate icon and follow the steps to continue the process



In-Vehicle

- Customers must start their vehicle and touch Allow on the in-vehicle pop-up that appears on the SYNC 3 touchscreen
- After a few minutes, customers will be able to access most remote features through the Vehicle Controls card

NOTE: If vehicle does not receive request, after 90 seconds, app status returns to "Activate Vehicle" and customer can resubmit activation request.



MASTER RESET

Owners should perform a Master Reset to deactivate FordPass Connect when transferring ownership of the vehicle. This resets SYNC 3 and FordPass Connect to factory default settings. All changes made, including paired Bluetooth® devices, contact lists and saved points (if the vehicle is equipped with Navigation) will be lost.

- Touch Settings in bottom feature bar on the SYNC 3 touchscreen
- Touch General
- Scroll down to Master Reset
- Touch Master Reset
- Touch Continue on the pop-up message

Feature Resources



JOB AIDS
FordPass Connect Activation Reference Guide
April 9, 2019



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FordPass Rewards Dealer FAQ
January 15, 2019



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JOB AIDS
FordPass Connect Identify Vehicle Availability Reference Guide
September 30, 2018



VIDEO
FordPass & SYNC Connect Simplified Activation

2020 Shelby® GT500®

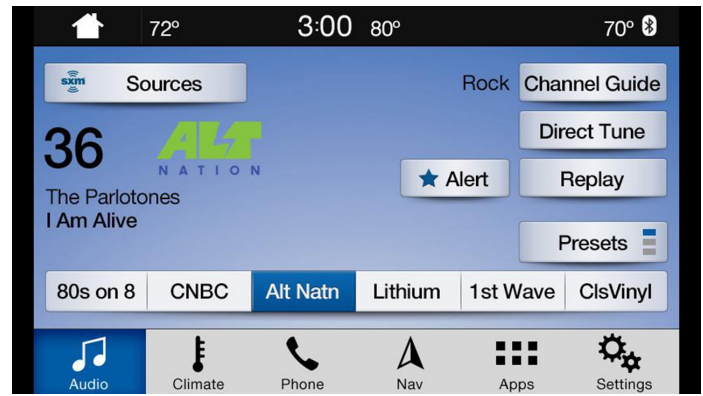
Sirius All Access

Technologies
Connectivity Technologies

Sirius All Access is included with the 6-month SiriusXM® Satellite Radio⁽¹⁾ subscription and features more than 175 channels and a complimentary SiriusXM Internet Radio trial.

MORE DETAILS +

- SiriusXM Internet Radio enables owners to listen to SiriusXM on their computer, smartphone or other compatible device
- Includes additional channels only available online and on the SiriusXM app
- SiriusXM app is compatible with SYNC AppLink
- More information is available online at siriusxm.com or toll-free at (866) 635-2349



(1) SiriusXM audio and data services each require a subscription sold separately, or as a package, by Sirius XM Radio Inc. If you decide to continue service after your trial, the subscription plan you choose will automatically renew thereafter and you will be charged according to your chosen payment method at then-current rates. Fees and taxes apply. To cancel, you must call SiriusXM at 1-866-635-2349. See SiriusXM Customer Agreement for complete terms at www.siriusxm.com. All fees and programming subject to change. Sirius, XM and all related marks and logos are trademarks of Sirius XM Radio Inc.

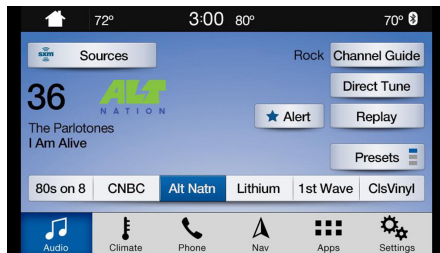
NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

SiriusXM Satellite Radio

Technologies
Connectivity Technologies

SiriusXM® Satellite Radio⁽¹⁾ provides programming via satellite to the 48 contiguous United States and Washington, D.C., for added enjoyment while driving.



MORE DETAILS +

- The radio is preactivated at the factory and includes 6 months of SiriusXM service, subject to geographic location and availability
- Includes Sirius All Access with more than 175 channels
- A complimentary SiriusXM Internet Radio trial allows owners to listen to SiriusXM on their computer, smartphone or other compatible device
 - Features additional channels only available online and on the SiriusXM app
 - Song/Artist Alert notifies the subscriber when a particular song or artist is playing on another channel
- SiriusXM Satellite Radio can be accessed using the audio controls
- Press the SIRIUS button to enter satellite radio mode
- Press the Tune or Seek/Scan buttons to change channels
- More information is available online at siriusxm.com or toll-free at (866) 635-2349

(1) SiriusXM audio and data services each require a subscription sold separately, or as a package, by Sirius XM Radio Inc. If you decide to continue service after your trial, the subscription plan you choose will automatically renew thereafter and you will be charged according to your chosen payment method at then-current rates. Fees and taxes apply. To cancel, you must call SiriusXM at 1-866-635-2349. See SiriusXM Customer Agreement for complete terms at www.siriusxm.com. All fees and programming subject to change. Sirius, XM and all related marks and logos are trademarks of Sirius XM Radio Inc.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

SYNC 3

Technologies
Connectivity Technologies

SYNC 3 is the voice-activated technology⁽¹⁾ that's designed to make vehicle connectivity easy to use.

VOICE-ACTIVATED, HANDS-FREE CALLING WITH DIAL COMMANDS

- Allows drivers to simply say "Dial 313-555-1212," versus "Dial" and then waiting for a prompt to continue

VOICE-ACTIVATED AUDIO/MEDIA SOURCE COMMANDS

- Eliminates the need to say "artist," "song," "album," etc., before the desired selection
 - Drivers can access what they want to play in just a few words; for example, "Play Favorite Songs" or "Play [Artist]," "Play [Album]," "Play [Song]," "Play [Playlist]," or "Play [Genre]"
 - Audio/media source switching doesn't require extra commands
 - Drivers can simply say the media source they want, such as "AM," "FM," "USB," "Sirius" or "Bluetooth Audio," and the audio will automatically play
 - Drivers can also switch easily between sources with a simple command; for example, while listening to SiriusXM, say "Play 950 AM"

911 ASSIST⁽²⁾⁽³⁾

- A no-charge, subscription-free feature that can assist occupants by placing a 911 emergency call in certain vehicle crashes by using a properly paired phone inside the vehicle
- 911 Assist is designed to help emergency responders prepare for what to expect on scene, as well as assist in determining how much emergency response is needed
- Features include:
 - The ability to deliver information such as the maximum change in velocity during impact
 - Indication of crash type (front, side, rear or rollover)
 - Safety belt usage as detected by the vehicle
 - Awareness of whether multiple impacts occurred
 - Whether airbags were deployed

SYSTEM SOFTWARE UPDATES THAT CAN BE PERFORMED VIA WI-FI OR USB

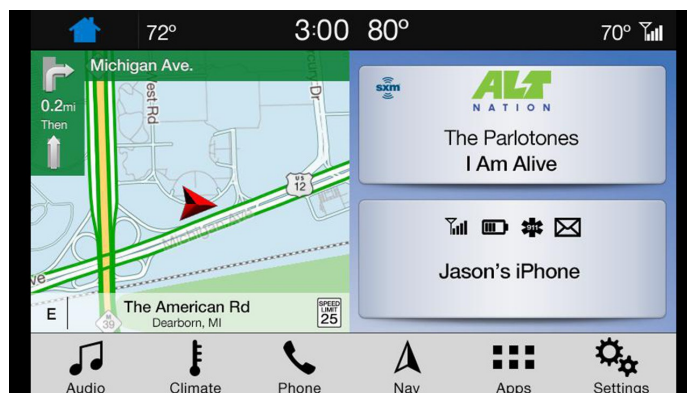
- Drivers can use SYNC while installation takes place in the background
- Download can continue while the vehicle is Off
 - If an update is available and the vehicle is connected to Wi-Fi, SYNC 3 will remain on, even if the vehicle is shut off, for up to 30 minutes up to five times per month
 - Navigation-equipped vehicles can update via Wi-Fi or USB
 - Non-navigation-equipped vehicles can only update via USB

SYNC APPLINK⁽⁴⁾ COMPATIBILITY

- Provides control of certain smartphone applications using SYNC voice commands
- Connects to apps like Pandora[®] internet radio, Glmpse, Ford+Alexa⁽⁵⁾, iHeartRadio and more with your iPhone[®] or Android[™] mobile phones
- A list of available apps, as well as more detailed user instructions, application connectivity differences, applicable voice commands for each enabled app and FAQs, can be found by going to Owner.Ford.com

AUDIBLE INCOMING TEXT MESSAGES AND THE REPLY OF 15 PREDEFINED RESPONSES

- Message and data rates may apply; phone must support downloading of text messages via Bluetooth to receive incoming text messages



SIRI[®] SEAMLESS INTEGRATION

- Siri is Apple's intelligent personal assistant that works as an application for Apple iOS using a natural language user interface to answer questions, make recommendations and perform actions
- Siri Seamless Integration enables drivers to interact with their iPhones using voice commands while they keep their eyes on the road and their hands on the wheel
 - Customers with a compatible iPhone running iOS 6 and higher can direct Siri to perform a number of tasks
 - Siri will only respond with audio-based replies and will not display any visual results, like web pages or maps, on the SYNC touchscreen
 - Simply initiate a long press on the steering wheel voice activation button to begin and end sessions with Siri Seamless Integration

APPLE CARPLAY[®] COMPATIBILITY⁽⁶⁾

- Integrates compatible apps from a user's iPhone and displays them on the touchscreen for easy access
- Allows users to control the apps from their iPhone via the touchscreen and Siri
 - To initiate a voice session with Siri, initiate a short press on the voice activation button on the steering wheel
 - When connected and active, Apple CarPlay allows users to:
 - Make calls
 - Listen and reply to text messages
 - Play music and podcasts
 - Use Apple Maps, which provides turn-by-turn directions, traffic conditions and estimated travel time
 - When connected and active, some SYNC 3 features may not be accessible
 - Available SYNC 3 features can be accessed by pressing the SYNC icon on the touchscreen — this takes users to an integrated view that allows them to use certain SYNC 3 and CarPlay features
 - Many SYNC 3 features, such as the optional Navigation System and SYNC AppLink, will be unavailable
 - Minimum requirements:
 - iPhone 5 or newer running iOS 7.1 or higher
 - USB connection via Apple-provided Lightning[®] connector
 - Feature does not control any of the standard functions of the vehicle; for example, climate controls

- For more information, visit Owner.Ford.com

ANDROID AUTO[™] COMPATIBILITY⁽⁶⁾

- To receive text messages, you need to have your phone paired and Notifications turned On

8" COLOR LCD TOUCHSCREEN IN THE CENTER STACK

- Allows for swipe capability similar to that of a smartphone
- Features unique daytime and nighttime views, as well as Auto view, which when selected, automatically switches between daytime and nighttime views based on outside light levels
- Can be controlled through voice commands or large on-screen touch buttons

- Integrates Google Maps™, media and communication apps from a user's smartphone and displays them on the touchscreen for easy access
- Allows users to control the apps from their smartphone using the touchscreen or by talking to Google Assistant using the voice command button on the steering wheel
- When connected and active, Android Auto allows users to:
 - Make calls
 - Listen and reply to text messages
 - Play music and podcasts
 - Use Waze™⁽⁷⁾ and Google Maps, which provide voice-guided navigation, live traffic information and estimated travel time
 - When connected and active, some SYNC 3 features may not be accessible
 - Available SYNC 3 features can be accessed by pressing the tachometer icon at the bottom right corner of the touchscreen — this takes users to an integrated view that allows them to use certain SYNC 3 and Android Auto features
 - Many SYNC 3 features, such as the optional Navigation System and SYNC AppLink, will be unavailable
 - Minimum requirements:
 - Android 5.0 (Lollipop) or higher
 - Android Auto app downloaded
 - USB connection via manufacturer's cable
 - Feature does not control any of the standard functions of the vehicle; for example, climate controls
- For more information, visit Owner.Ford.com

MEDIA HUB THAT INCLUDES:

- Two smart-charging USB ports

(1) Don't drive while distracted. Use voice-operated systems when possible; don't use handheld devices while driving. Some features may be locked out while the vehicle is in gear. Not all features are compatible with all phones.

(2) The vehicle's electrical system (including the battery), the wireless service provider's signal and a connected mobile phone must all be available and operating for 911 Assist to function properly. These systems may become damaged in a crash. The paired mobile phone must be connected to SYNC, and the 911 Assist feature enabled, in order for 911 to be dialed. When the feature is on, 911 Assist uses your paired and connected mobile phone to assist occupants to contact emergency services by dialing 911 if your airbag deploys or, on certain vehicles, if the emergency fuel pump shutoff is activated.

(3) Aftermarket on-board diagnostic devices may interfere with various vehicle systems including 911 Assist. To avoid interference, remove the device or contact the device maker for more information on compatibility.

(4) Commands may vary by phone and AppLink software.

(5) Don't drive distracted or while using handheld devices. Use voice controls. Certain Alexa functionality is dependent on smartphone and home technology. Amazon, Alexa, and all related logos and motion marks are trademarks of Amazon.com, Inc. or its affiliates.

(6) Requires phone with active data service and compatible software. SYNC does not control 3rd-party products while in use. 3rd parties are solely responsible for their respective functionality.

(7) Available via iPhone®. Waze is also available on Android Auto.™ Commands may vary by phone and AppLink software. Don't drive while distracted. Use voice-operated systems when possible; don't use handheld devices while driving. Some features may be locked out while the vehicle is in gear. Not all features are compatible with all phones. Message and data rates may apply. iPhone and Apple CarPlay are trademarks of Apple, Inc. registered in the U.S. and other countries. Android Auto and Google Maps are trademarks of Google Inc.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

SYNC Push-to-Talk Button

Technologies
Connectivity Technologies

- Located on the right side of the steering wheel
- Press and release the button to activate the voice recognition mode of SYNC
- Press and hold the button to activate Siri® Seamless Integration



NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

BLIS (Blind Spot Information System) with Cross-Traffic Alert

Technologies

Driver-Assist Technologies

BLIS (Blind Spot Information System) with Cross-Traffic Alert helps drivers change lanes or back out of a parking space with confidence.

SYSTEM DETAILS

- BLIS can alert the driver when a vehicle is detected in the blind spot zone
- Cross-Traffic Alert warns of detected traffic approaching from the sides when the vehicle is in Reverse (R), such as backing out of a parking space
- Integrated blind spot mirrors are not included when vehicle is equipped with BLIS



BLIS

- Alerts the driver if another vehicle is detected in the blind spot zone by utilizing two radar sensors located behind each rear wheel
 - Sideview mirror indicator illuminates when a vehicle in an adjacent lane is detected in the blind spot zone from behind
- System is automatically engaged when the vehicle is placed in Drive (D)
- System can be turned off through the message center but defaults to "on" when the vehicle is restarted

CROSS-TRAFFIC ALERT

- Utilizes the same radar sensors as BLIS
- Warns the driver if approaching vehicles are detected when slowly backing out of a parking spot or reversing onto a road
 - Sideview mirror indicator illuminates and a series of tones sound if an oncoming vehicle is detected
 - Depending on the direction of the approaching vehicle, the message center will display:
 - VEHICLE COMING FROM LEFT
 - VEHICLE COMING FROM RIGHT
- Automatically engages when vehicle is placed in Reverse (R) to help detect moving motorized vehicles and bicycles approaching from either the left or right side of the vehicle

NOTE: Driver-assist features are supplemental and do not replace the driver's attention, judgment and need to control the vehicle.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Hill Start Assist

Technologies
Driver-Assist Technologies

Hill start assist automatically engages the brakes when the vehicle is started on an upward or downward slope to help prevent it from rolling, whether in a forward gear or Reverse (R).



SYSTEM DETAILS

- System utilizes an accelerometer to measure the slope and longitudinal incline and automatically operates when a slope of five degrees or more is calculated
- When hill start assist is activated, the brake pressure is held in the braking system and the vehicle remains stationary on the slope for two to three seconds after the driver releases the brake pedal
- The brakes are automatically released once the engine has developed sufficient power to help prevent the vehicle from rolling down the slope
- Hill start assist will not operate when the parking brake is engaged
- Activating the system is simple:
 - Press the brake pedal to bring the vehicle to a complete standstill
 - Keep the brake pedal pressed
 - If the sensors detect that the vehicle is on a slope, hill start assist is automatically activated

NOTE: Driver-assist features are supplemental and do not replace the driver's attention, judgment and need to control the vehicle.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

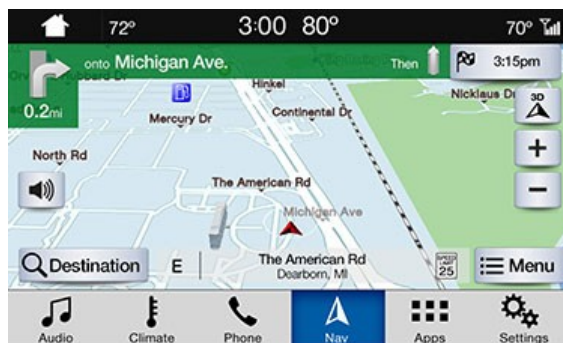
2020 Shelby® GT500®

Voice-Activated Touchscreen Navigation System with SiriusXM Traffic and Travel Link

Technologies
Driver-Assist Technologies

The Voice-Activated Touchscreen Navigation System with SiriusXM® Traffic and Travel Link®(1) uses Global Positioning System (GPS) technology and 3D mapping. This allows drivers to find addresses and points of interest (POIs) using voice commands for enhanced convenience, while the system provides voice-guided turn-by-turn directions.

SiriusXM Traffic and Travel Link is a subscription-based service that provides detailed traffic information, plus current and forecasted weather, gas station locations and prices, sports scores and schedules, and movie theater locations with show listings and times. New vehicles include a complimentary 5-year trial.



MORE DETAILS +

- **Voice activation** supports "fuzzy search" for POIs; for example, drivers can say a partial name, such as "PF Chang's," instead of "PF Chang's China Bistro"
- **8" and 10.1" center-stack touchscreen in the center stack operates navigation function**
 - Supports natural number entry; for example, drivers can say "Eleven Twenty-five" instead of "1-1-2-5"
 - Allows for convenient pinch-to-zoom screen control
 - Features simple one-shot destination entry (state is optional for search)
- **Bird's-eye map** provides a "3D" view of route, landmarks and POIs
- **Destination selection** search methods include:
 - Street address
 - **Route Guidance** with turn-by-turn voice directions
 - Street name announcements
 - Freeway exit, turn and ramp transition lane guidance
 - Speed limit display on freeways
 - Supports English, French and Spanish
 - **Help menu** for basic operation, driving restrictions and navigation
 - **Automatic rerouting** recalculates a new route if a turn is missed
 - **Emergency button** provides nearest emergency facility to choose as a destination (hospital or police)
 - **Valet Lockout mode** disables operation of the navigation and audio systems

- Increased POIs, including retail businesses
- Freeway entrance/exit search
- Previous destination

- **Address book** saves the most frequently used destinations for quick and easy routing

(1) SiriusXM audio and data services each require a subscription sold separately, or as a package, by Sirius XM Radio Inc. If you decide to continue service after your trial, the subscription plan you choose will automatically renew thereafter and you will be charged according to your chosen payment method at then-current rates. Fees and taxes apply. To cancel, you must call SiriusXM at 1-866-635-2349. See SiriusXM Customer Agreement for complete terms at www.siriusxm.com. All fees and programming subject to change. Sirius, XM and all related marks and logos are trademarks of Sirius XM Radio Inc.

NOTE: SiriusXM Traffic and Travel Link include a 5-year prepaid subscription.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

Feature Resources



VIDEO

Using SIRIUSXM Traffic and Travel Link with SYNC 3

2020 Shelby® GT500®

SiriusXM Traffic and SiriusXM Travel Link Services

Technologies

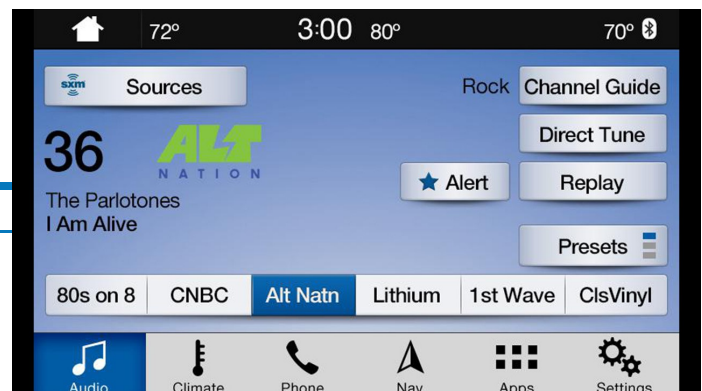
Driver-Assist Technologies

Voice-Activated Touchscreen Navigation System with SiriusXM Traffic and Travel Link

- 60-month complimentary subscription subject to geographic location and availability⁽¹⁾
- Included with Voice-Activated Touchscreen Navigation System

TRAFFIC INFO

- Provides incident, speed and flow information for 80 major cities in the continental U.S.
- Updates every 2.5 minutes
- View graphical overlay of incidents
- Route recalculation based on traffic data



WEATHER INFO

- Provides current weather and 5-day forecast reports that are updated every 5 minutes
- Current conditions update every 30 minutes
- Region of interest can be defined by customer

FUEL PRICING

- Search for locations and prices for over 100,000 gas stations en route or based on current location
- Displays pricing for regular, mid-grade and premium when available

SPORTS UPDATES

- Score summaries and schedules for major sports
- Updates every 5 minutes
- User can personalize for favorite teams

MOVIE LISTINGS

- Over 4,500 theaters, including times, movie summaries and directions to the theater
- More information is available online at siriusxm.com or toll-free at **(866) 635-2349**

(1) SiriusXM audio and data services each require a subscription sold separately, or as a package, by Sirius XM Radio Inc. If you decide to continue service after your trial, the subscription plan you choose will automatically renew thereafter and you will be charged according to your chosen payment method at then-current rates. Fees and taxes apply. To cancel, you must call SiriusXM at 1-866-635-2349. See SiriusXM Customer Agreement for complete terms at www.siriusxm.com. All fees and programming subject to change. Sirius, XM and all related marks and logos are trademarks of Sirius XM Radio Inc.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

Feature Resources



VIDEO

Using SIRIUSXM Traffic and Travel Link with SYNC 3

2020 Shelby® GT500®

Safety and Security

With the power infused in every Mustang Shelby GT500, safety is always a vital ingredient. Safe driving starts with **AdvanceTrac with electronic stability control** which monitors vehicle motion and makes braking and throttle adjustments when necessary. Occupant protection starts with seven standard airbags, including driver knee and glove-box-mounted passenger knee airbags. Of course, owners will want to enjoy their GT500 for a long time — the **perimeter alarm system** and **SecuriLock Passive Anti-Theft System** help protect it.



DEFINING SAFETY

To help understand and better present the suite of safety features found on Mustang Shelby GT500, this section is divided into four categories.

- Accident Avoidance
- Child Safety
- Occupant Protection
- Personal Safety/Security

SAFETY RATINGS



The **Insurance Institute for Highway Safety (IIHS)** is known for their Top Safety Pick and Top Safety Pick+ ratings.

The **National Highway Traffic Safety Administration's New Car Assessment Program (NCAP)** created the 5-Star Safety Ratings Program to provide consumers with information about the crash protection and rollover safety of new vehicles. While the 2020 Mustang Shelby GT500 has not been tested by either agency, stay tuned to eSourceBook for updates as these are ratings consumers will have an interest in.

PERSONAL SAFETY COMES FIRST

The **Personal Safety System** includes seat belt pretensioners, load-limiting retractors, driver seat position sensing and crash severity sensing. The **driver knee airbags** and passenger knee airbags integrated in the glove box provide added protection — in addition to the dual front, **side impact** and **side curtain** airbags.



NOTE: For availability of product features, please see Availability by Model and/or the **Dealer Ordering Guide**.

2020 Shelby® GT500®

AdvanceTrac Electronic Stability Control

Safety and Security
Accident Avoidance

AdvanceTrac electronic stability control monitors the motion of the vehicle and automatically makes braking and throttle adjustments when it senses wheelslip or the loss of traction to help keep the vehicle on its intended path for enhanced driver control.

SYSTEM DETAILS

- Helps improve the stability of the vehicle in extreme driving situations or in slippery conditions like ice, gravel or rain
- Activates whenever the vehicle is started, but may be turned off for certain situations such as when "rocking" a vehicle stuck in mud or snow
- Monitors vehicle cornering behavior with steering angle, lateral acceleration and yaw sensors to maximize traction and maneuverability using Anti-Lock Brake System (ABS) and traction control components



- Automatically provides interactive yaw (a vehicle's rotation about its vertical axis) control
- Automatically makes braking and throttle adjustments when there is a discrepancy between the driver's inputs and the vehicle's motion
- Incorporates traction control to help the vehicle regain traction on loose or slippery surfaces
- Helps maintain control whenever it detects wheelslip, understeer or oversteer by managing the outputs of the following components:
 - Systems
 - Anti-Lock Brake System (ABS)
 - Traction control
 - Sensors
 - Lateral accelerometer
 - Master cylinder pressure sensor
 - Steering angle sensor
 - Wheel speed sensors
- System can actually control individual wheels to counteract excessive yaw — which can lead to abnormal vehicle rotation and, ultimately, may result in loss of vehicle control and spinout

ANTI-LOCK BRAKE SYSTEM (ABS)

- Sensors monitor wheel rotation speeds, checking for the onset of wheel lockup
- If the onset of lockup is detected, the system automatically compensates for this condition and prevents wheel lockup by automatically "pumping" the brakes several times per second, even when the brakes are firmly applied
- Improves vehicle steering control in severe braking maneuvers, under a variety of weather conditions

TRACTION CONTROL

- Helps provide controlled acceleration and traction at all vehicle speeds
- Electronically detects a difference in rotational speed between the front and rear wheels (wheelslip)
- Below 35 mph, the actuator pulses the brake calipers to the drive wheels to reduce wheelslip
- By applying brake pressure and reducing engine torque to the drive wheels, traction is restored
- At speeds greater than 35 mph, brake activation is eliminated and only engine torque to the drive wheels is reduced until traction is restored

MAKE THE POINT: ADVANCETRAC OPERATION

Explain to your customers that when AdvanceTrac is active, the following may be noticed:

- Rumble sound much like ABS or traction control
- Slight deceleration or a reduction in the acceleration of the vehicle
- AdvanceTrac indicator light will flash
- When the brakes are applied, the driver will feel a vibration in the pedal much like ABS. As with any vehicle equipped with ABS, the brakes should not be pumped, but should be applied with firm, steady braking pressure

Assure your customers that these are normal operational characteristics of AdvanceTrac.

NOTE: Remember that even advanced technology cannot overcome the laws of physics. It's always possible to lose control of a vehicle due to inappropriate driver input for the conditions.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Individual Tire Pressure Monitoring System (TPMS)

Safety and Security
Accident Avoidance

The Individual Tire Pressure Monitoring System (TPMS) alerts the driver to significant underinflation of individual tires (excluding the spare) by illuminating a warning light in the vehicle's instrument cluster.

SYSTEM DETAILS

- Uses a tire pressure sensor mounted to each wheel that
- The computer alerts the driver to significant underinflation of
- Properly inflated tires can help improve fuel economy and add to a smooth ride



senses tire pressure (spare tire is not equipped with a sensor)

- Sensors use radio frequency transmitters to send tire pressure information to the vehicle's onboard computer

individual tires, excluding the spare

- Instrument cluster will display tire pressure for each wheel location, as well as which tire may be underinflated
- A warning light will appear in the vehicle's instrument cluster when a tire is significantly underinflated

- Recommended tire pressure label is on the driver's door B-pillar area

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

Feature Resources



VIDEO

Tire Pressure Monitoring System with Individual Tire Pressure Display

2020 Shelby® GT500®

Rear View Camera

[Safety and Security](#)
[Accident Avoidance](#)

The Rear View Camera helps drivers maneuver their vehicle while in Reverse by displaying an image of the space directly behind the vehicle on the center-stack display. The feature is especially useful when backing out of a parking space or parallel parking.

SYSTEM DETAILS

- An exterior camera located at the rear of the vehicle automatically engages when the vehicle is placed in Reverse
- Vehicle centerline, rear bumper orientation and guidelines are shown within the display, helping the driver relate an object's proximity to the rear of the vehicle



GUIDELINES

- Help drivers see what is behind their vehicle, particularly when backing into a parking space or aligning with another object behind the vehicle
- Active guidelines
 - Show the intended path of the vehicle when reversing
- Fixed guidelines
 - Show the actual path the vehicle is moving using green, yellow and red trajectory lines to help the driver relate an object's proximity to the rear of the vehicle while reversing
 - Objects in the red zone are closest to the vehicle
 - Objects in the green zone are farther away
 - Objects are getting closer to the vehicle as they move from the green zone to the yellow or red zones
- Vehicle centerline
 - Helps align the center of the vehicle with an object (for example, a trailer)

AUTOMATIC AND MANUAL ZOOM

- Pressing the "+" or "-" provides access to 3 different levels of zoom
- Image can be zoomed in on an object while keeping the rear bumper in the frame of reference
- Automatic zoom can also be selected with the "+" or "-" icon
- Zoom feature must be re-enabled each time vehicle is placed in Reverse

CAMERA DELAY

- When activated, an image of the space directly behind the vehicle is displayed until the vehicle is shifted into Park or vehicle speed sufficiently increases
- Can be turned On or Off; default setting is Off

NOTE: Driver-assist features are supplemental and do not replace the driver's attention, judgment and need to control the vehicle.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Wiper-Activated Headlamps

[Safety and Security](#)
[Accident Avoidance](#)

Wiper-activated headlamps automatically turn on the headlamps and taillamps when the windshield wipers are being used — helping the driver see, and the vehicle to be seen, in inclement weather.

OPERATION

- Requires autolamp (automatic on/off headlamps)
- When the headlamp switch is in auto position and the windshield wipers are activated in any mode except mist or wash, the vehicle headlamps will automatically turn on within three seconds
- Once the front wipers are deactivated, the headlamps will automatically turn off within 30 seconds



NOTE: Driver-assist features are supplemental and do not replace the driver's attention, judgment and need to control the vehicle.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Key Features

[Safety and Security](#)
[Occupant Protection](#)

- Front safety belts feature anchor and retractor pretensioners, enhancing protection by optimizing how the safety belt is cinched to the occupant's body early in a crash event
- Dual front satellite sensors improve discrimination of frontal crash events, providing enhanced detection of certain types of impacts
- Adaptive steering column changes stiffness properties during a crash event, depending on whether the driver is buckled or unbuckled



NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Adjustable Head Restraints

Safety and Security
Occupant Protection

Properly installed and adjusted, head restraints help minimize the risk of neck injury in the event of a crash.

SYSTEM DETAILS

- Whenever possible, the head restraint should be properly adjusted when the seat is occupied
- Do not adjust the head restraint when the vehicle is moving



FRONT 4-WAY ADJUSTABLE HEAD RESTRAINTS

- Can be properly adjusted up or down, forward and back
 - Set the adjustment when the seat is occupied and the vehicle is stationary
- To adjust the head restraint up and down:
 - Pull the head restraint up to raise it
 - Press and hold the button at base of head restraint and push the head restraint down to lower it
- Included with optional leather-trimmed sport seats
- To tilt the head restraint forward and reset it:
 - Adjust the seat back to an upright driving or riding position
 - Pivot the head restraint forward toward the occupant's head to the desired position
 - After the head restraint reaches the forward-most tilt position, pivot it forward again to release it back to the rearward, untilted position

NOTE: Refer to the vehicle owner's manual for more information.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Driver Knee Airbag

Safety and Security
Occupant Protection

The driver knee airbag works with the dual-stage front airbags to help reduce injury to the legs in the event of a collision.

SYSTEM DETAILS

- When the driver's front airbag deploys in a collision, the knee airbag may deploy from under the instrument panel
- As with front and side airbags, it is important to be properly seated and restrained to help reduce the risk of death or serious injury



NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Front-Seat Side Airbags

Safety and Security
Occupant Protection

Front-seat side airbags help protect the torso and pelvis of front-seat occupants in certain side collisions. The airbags are located in the outboard side of the front seat backs, so they are always in the correct deployment position, no matter where the seat is positioned.

SYSTEM DETAILS

- Feature adaptive venting technology designed to divert a portion of the gas from the airbag inflators through vents outside of the airbags
- Designed to help enhance chest protection for front-seat occupants with shoulder vents that deliver varying levels of pressure based on the size of the occupant and the amount their shoulder blocks the vent



ENGINEERING INSIGHT: FRONT-SEAT SIDE AIRBAG TECHNOLOGY

Side airbags deploy lower in the pelvic area in addition to the chest and incorporate venting technology. The adaptive vent in the side airbag takes into account the size of the occupant and varies the pressure so a smaller occupant gets a lower pressure.

The adaptive vent is lined up with the shoulder area of the occupant. For larger passengers, the shoulder engages the vent and keeps it from venting so the gas stays inside the airbag. For smaller passengers, the effect is just the opposite: Because the shoulder is below the vent, the gas vents out of the bag.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Glove-Box-Door-Integrated Knee Airbag

Safety and Security
Occupant Protection

- Utilizes an inflatable airbag restraint design that consists of a pliable, injection-molded plastic bladder integrated into the glove compartment door between the inner and outer glove compartment door panels
- When commanded to deploy, an inflator fills the bladder, extending the entire glove compartment outer door panel toward the front passenger's legs
- Once deployed, the glove compartment-integrated airbag extends straight out from the lower passenger side instrument panel, compared to a conventional knee airbag, which deploys toward the floor before curving upward
 - Since the glove compartment door distributes the impact load over a larger area compared to a traditional airbag, the new knee airbag is able to operate at a lower rate of inflation pressure
- Provides the front passenger with inflatable restraint protection in a smaller, lighter package



NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Personal Safety System

Safety and Security
Occupant Protection

The Personal Safety System provides an overall level of frontal crash protection to front-seat occupants and is designed to help further reduce the risk of airbag-related injuries. The system is able to analyze different occupant conditions and crash severity before activating the appropriate safety devices, to help better protect a range of occupants in a variety of frontal crash situations.

MORE DETAILS +

- Adjusts the deployment of the airbags to help enhance protection for front occupants, depending on a number of factors which include:
 - If the driver and front passenger are buckled in
 - How far forward or back the driver's seat is, and more
 - How severe a crash is
 - Whether or not a passenger is in the front seat
- The restraint control module (RCM) compiles this information and determines whether to activate front outboard safety belt pretensioners and deploy any or all of the airbags, depending on the severity of the crash
- In addition to the RCM, several other safety components are used:
 - Electronic front crash severity sensor
 - Driver's seat position sensor
 - Safety belt usage sensors
 - Front outboard safety belt pretensioners
 - Front outboard safety belt energy management retractors
 - Dual-stage driver and front-passenger airbags
 - Front-Passenger Sensing System



NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Side-Curtain Airbags with Roll-Fold Technology

Safety and Security
Occupant Protection

Side-curtain airbags with roll-fold technology combine with the front-seat side airbags to help provide protection for both head and chest in certain side-impact collisions.

SYSTEM DETAILS

- Roll-fold technology helps the airbag slide between the glass and occupant as it inflates
- Designed not to interfere with properly installed child-safety seats or booster seats
- Located in the roof side rail behind the headliner and are triggered independently of the driver and front-passenger airbags
- Deploy downward and outward toward the side window



NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

LATCH (Lower Anchors and Tether Anchors for Children) System

[Safety and Security](#)
[Child Safety](#)

LATCH (Lower Anchors and Tether Anchors for Children) is a child-safety seat installation method designed to make proper installation of a child-safety seat easier. The feature can eliminate the need to use safety belts when installing a child-safety seat by providing a secure attachment to help reduce the likelihood of incorrect installation.

LATCH DETAILS

- LATCH-compatible child-safety seats attach to the lower anchor points by means of flexible tethers or rigid latch bars
- Uniform installation method helps eliminate the confusion associated with a variety of safety belt systems
- Consists of a top tether anchor point and two rigid bars located where the seat cushion meets the seat back
- Both rear seats offer LATCH provisions
- Not available on GT500 models with Carbon Fiber Track Pack

**Applicable
image(s)
not available
on GEAR
at this time.**

NOTE: See the vehicle owner's manual for more information.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

Feature Resources



VIDEO

[LATCH \(Lower Anchors and Tethers for Children\)](#)

2020 Shelby® GT500®

Insurance Institute for Highway Safety (IIHS) Crash Test Ratings

[Safety and Security](#)

The Insurance Institute for Highway Safety (IIHS) tests evaluate two aspects of safety:

[Crashworthiness](#)

[Crash Avoidance and Mitigation](#)

- **Crashworthiness** — how well a vehicle protects its occupants in a crash
- **Crash avoidance and mitigation** — technology that can prevent a crash or lessen its severity

To determine crashworthiness, IIHS rates vehicles based on performance in six tests: driver-side small overlap front, passenger-side small overlap front, moderate overlap front, side impact, roof strength and head restraints. Each vehicle receives a rating of "Good," "Acceptable," "Marginal" or "Poor."

In the area of crash avoidance and mitigation, vehicles with available front crash prevention systems are rated "Basic," "Advanced" or "Superior," based on the type of system and performance in track tests. Headlamps are also tested and rated "Good," "Acceptable," "Marginal" or "Poor."

VEHICLE RATINGS

2020 Shelby GT500 has not been crash-tested by IIHS. Stay tuned to www.iihs.org for the latest ratings.

2020 IIHS Ratings	
IIHS Test	Test Evaluation Result
Front Moderate Overlap	To be tested
Front Small Overlap	To be tested
Side Impact	To be tested
Roof Strength	To be tested
Head Restraints and Seats	To be tested

TOP SAFETY PICK

To earn "**Top Safety Pick**," vehicles must receive "Good" ratings in the front moderate overlap, side impact, roof strength, and head restraints and seats tests, as well as "Good" or "Acceptable" in the front small overlap test.

To earn "**Top Safety Pick+**," vehicles must meet the "Top Safety Pick" criteria, plus earn an "Advanced" or "Superior" rating for front crash prevention.

2020 Shelby® GT500®

National Highway Traffic Safety Administration (NHTSA) Crash Tests, Ratings and Results

Safety and Security

The National Highway Traffic Safety Administration's (NHTSA) New Car Assessment Program (NCAP) created the 5-Star Safety Ratings Program to provide consumers with information about the crash protection and rollover safety of new vehicles beyond what is required by Federal law⁽¹⁾. The ratings, ranging from 1 star (the lowest rating) to 5 stars (the highest rating), help consumers make a more educated decision on new vehicle purchases.

Frontal and side crash test ratings are located in the Government Safety Ratings portion of the vehicle window sticker.

OVERALL VEHICLE SCORE

- As NHTSA tests new vehicles, star ratings from their three tests will be combined into a single Overall Vehicle Score of 1 to 5 stars
- This rating is available online at www.safercar.gov and on the vehicle window sticker
- This single-star rating is made up of weighted portions of the NCAP front crash score (42%), side crash score (33%) and rollover rating (25%)

VEHICLE RATINGS

2020 Shelby GT500 has not been crash-tested by NHTSA. Frontal and side crash test ratings located in the Government Safety Ratings portion of the window sticker will read "NOT RATED" until NHTSA tests are completed. Stay tuned to www.safercar.gov for the latest Star Ratings.⁽¹⁾

2020 Shelby GT500 NHTSA Results	
Crash Test	Ratings
Frontal Crash	To be tested
Side Crash	To be tested
Rollover	To be tested
Overall Rating	To be tested

What Do the Star Ratings Mean?

★★★★★	5 stars = Injury risk for the vehicle is much less than average
★★★★	4 stars = Injury risk for the vehicle is less than average to average
★★★	3 stars = Injury risk for the vehicle is average to greater than average
★★	2 stars = Injury risk for the vehicle is greater than average
★	1 star = Injury risk for the vehicle is much greater than average

2020 Shelby® GT500®

Active Anti-Theft System

Safety and Security

Personal Safety/Security

- Engages when locking and arming the vehicle with the remote transmitter or power door lock switch with a door open
- When all doors are closed, the system monitors doors, hood, trunk, interior motion and vehicle inclination
- Inclination sensor helps prevent tow-away thefts
- Interior motion sensor helps prevent "smash-and-grab" break-ins
- Locking the vehicle with the ignition key in the driver's door arms the doors, hood and trunk, but blocks the motion and inclination sensors; use this method if interior motion is expected during vehicle transport or when hoisting
- All windows must be closed for proper motion-sensing performance



NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

MyKey

Safety and Security

Personal Safety/Security

MyKey allows vehicle owners to program keys with restricted driving modes to help promote good driving habits.

SYSTEM DETAILS

- Default restrictions include:
 - Persistent Belt-Minder alert that mutes audio system until front safety belt(s) is(are) fastened
 - Earlier low fuel warning indicator
 - Restriction of disabling certain features, if equipped
- Programmable restrictions include:
 - Limited vehicle top speed
 - Configurable speed alert chime
 - Maximum audio system volume
 - Ability to block satellite radio channels carrying adult programming
 - Do Not Disturb function that blocks all incoming calls and stores incoming text messages for later retrieval
 - Does not block hands-free outgoing calls in case of emergency
- One standard key is the Administrator Key while the other operates as MyKey with the programmed restrictions
- Programming MyKey is done via the message center



NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

Feature Resources



VIDEO
MyKey

2020 Shelby® GT500®

Perimeter Alarm

Safety and Security
Personal Safety/Security

The perimeter alarm helps provide security for the parked vehicle and its contents by monitoring unauthorized entry of the doors, hood or trunk/liftgate whenever the vehicle is locked. If unauthorized entry is detected, the system will sound the horn and flash the hazard lights.



NOTE: For availability of product features, please see Availability by Model and/or the **Dealer Ordering Guide**.

2020 Shelby® GT500®

SecuriLock Passive Anti-Theft System

Safety and Security
Personal Safety/Security

The SecuriLock Passive Anti-Theft System is designed to help prevent the engine from being started unless a coded key, programmed to the vehicle, is used.

SYSTEM DETAILS

- Helps protect against drive-away theft through an electronically coded ignition key
- Electronically coded ignition key features billions of possible codes to start the vehicle
- Attaching large metallic objects, electronic devices or a second coded key on the same key ring may cause starting problems



NOTE: For availability of product features, please see Availability by Model and/or the **Dealer Ordering Guide**.

2020 Shelby® GT500®

SOS Post-Crash Alert System

Safety and Security
Personal Safety/Security

The SOS Post-Crash Alert System automatically flashes the hazard lights and intermittently sounds the horn after an accident where the airbag(s) deploy(s) or when a properly engaged safety belt pretensioner is activated.⁽¹⁾



MORE DETAILS +

- Automatically unlocks the doors, allowing rescue workers to open them from the outside
- System operates until deactivated or battery power is depleted
- Flashing the hazards and sounding the horn help make it easier to locate the vehicle if the accident happens off the roadway
- Owners can deactivate the system by pressing the Hazard Lights switch or the Panic or Unlock button on the remote key fob

(1) SOS hardware may become damaged or the battery may lose power in a crash, which could prevent operation. Not all crashes will activate an airbag or safety belt pretensioner.

NOTE: For availability of product features, please see Availability by Model and/or the **Dealer Ordering Guide**.

2020 Shelby® GT500®

Packages

2020 Shelby® GT500®

Carbon-Fiber Track Pack

Packages

EXTERIOR

- 🚩 20" "staggered width" exposed carbon-fiber wheel
 - Wheel locking kit

INTERIOR

- Exposed carbon-fiber instrument panel
- 🚩 Rear seat delete
- 🚩 RECARO® sport bucket leather-trimmed seats

PERFORMANCE AND HANDLING

- Adjustable strut top mounts
- 🚩 Exposed carbon-fiber GT4 inspired track wing
- 🚩 Michelin® Pilot® Sport Cup 2 tires
 - Front: 305/30ZR20
 - Rear: 315/30ZR20



PCV oil catch can (Factory Invoiced Accessory) shipped in vehicle for customer installation

Front splitter wickers shipped in vehicle for customer installation



NOTE: Adjustable strut top mounts can be customer installed for Track use. Shipped in a box in the trunk for customer to have installed if desired.

NOTE: Heated, cooled or memory not included with RECARO leather-trimmed Seats

NOTE: RECARO is a registered trademark of RECARO Beteiligungs-GmbH.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Handling Package

Packages

PERFORMANCE AND HANDLING

- Front splitter wickers (shipped in vehicle for customer installation)
- Rear wing Gurney flap (shipped in vehicle for customer installation)



NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Technology Package

Packages

EXTERIOR

- BLIS (Blind Spot Information System) with Cross-Traffic Alert
- Mirrors :— heated, memory, turn signal indicator and Cobra Puddle Lamps

INTERIOR

- 6-way power driver's seat with 3 memory settings
NOTE: Included when ordered with Leather-trimmed Sport Seats. NA with RECARO® seats.
- B&O Sound System by Bang & Olufsen (12 speakers), includes CD Player, HD Radio™ and subwoofer in-trunk
- Voice-Activated Touchscreen Navigation System with SiriusXM® Traffic and Travel Link®



NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2020 Shelby® GT500®

Availability by Model

The following pages indicate Shelby GT500 standard and available equipment.
 Shelby GT500 is available as a Fastback.



2020 Shelby® GT500®

Exterior

Availability by Model

Exterior	Shelby GT500
Easy Fuel capless fuel filler	S
Exhaust — 5-inch diameter quad bright tips	S
Exterior colors — premium	
Rapid Red Metallic Tinted Clearcoat (D4)	O
Twister Orange Tinted Clearcoat (CA)	O

Headlamps — high-intensity discharge (HID) with light-emitting diode (LED) signature lighting	S
Hood — GT500-specific with power dome and self-centering hood pins	S
Hood vent with removable rain tray	S
Intelligent 3-blink turn signals	S
Intelligent Access with push-button start	S
Mirrors — exterior sideview	
Dual power, manual-folding with integrated blind spot mirror	S
Gloss Black caps	S
Heated, memory and Cobra Puddle Lamps (incl. in Technology Package)	O
Turn signal indicators	O
Painted black roof	O
Racing Stripes	
Painted "Over-the-Top"	O
Vinyl "Over-the-Top"	O
Vinyl side stripes (N/A with painted "Over-the-Top" racing stripes)	O
Rear air diffuser	S
Splitter wickers (incl. in Handling Package and Carbon Fiber Track Package)	O
Spoiler	
GT4 inspired carbon-fiber rear wing (incl. in Carbon Fiber Track Pack)	O
"Swing-style" rear spoiler	S
Unique front fascia, fenders, grille, splitter and rear valance	S
Windows — power with global open and one-touch-up/-down feature	S
Windshield wipers — variable intermittent	S

S = Standard

O = Available as a stand-alone option, part of a package or part of an Equipment Group

— = NA

NOTE: The above information is an excerpt to be used with the 6/28/19 Shelby GT500 Dealer Ordering Guide. For more information and the latest Dealer Ordering Guide, go to fmcdealer.com.

2020 Shelby® GT500®

Interior

Availability by Model

Interior	Shelby GT500
12-volt powerpoints (2)	S
Audio/Entertainment	
AM/FM/MP3 with 9 speakers	S
B&O Sound System by Bang & Olufsen (12 speakers); includes single-CD player, HD Radio™ and subwoofer in-trunk (incl. in Technology Package)	O

SiriusXM® Satellite Radio	S
Center console — wrapped and stitched	S
Cruise control — steering wheel-mounted	S
Cupholders (2)	S
Door locks — power	S
Dual-zone electronic automatic temperature control	S
Floor mats — carpeted front, black	S
Foot pedals — aluminum	S
Footrest — driver left	S
Glove compartment — locking, illuminated with dedicated space for owner's manual	S
Instrumentation	
12" LCD digital instrument cluster with MyColor	S
Gauge Pack (oil pressure and oil temperature)	S
Instrument Panel	
Exposed carbon fiber (incl. in Carbon Fiber Track Pack)	O
Shelby-exclusive aluminum mesh	S
Mirror, interior — auto-dimming rearview	S
Rotary gear shift dial	S
Seating	
Driver 6-way	S
Driver 6-way power with 3 memory settings (incl. with Technology Package)	O
Front-passenger 6-way power (incl. with leather-trimmed sport seats; incl. with Technology Package)	S
Front leather-trimmed with Miko® suede sport seats	S
Heated and cooled front seats (excludes RECARO)	S
Rear vinyl folding split bench seat	S
Rear vinyl with Miko inserts folding bench seat (incl. with RECARO Leather-trimmed front seats)	O
Rear seat delete (incl. in Carbon Fiber Track Pack)	O
RECARO® leather-trimmed front seats — manual (incl. in Carbon Fiber Track Pack; does not include heated, cooled or memory function)	O
Soft door rollover	S
Steering column — manual tilt/telescoping	S
Steering wheel — leather- and Alcantara®-wrapped with magnesium paddle shifters and center marker	S
Taillamps — light-emitting diode (LED) sequential	S
Trim, interior — gray accent gauge cluster and register vents	S
Trim Package — Shelby-exclusive	S
Trunk release — interior	S
Universal garage door opener (UGDO)	S

Visors — driver/front-passenger with illuminated mirrors	S
--	---

S = Standard

O = Available as a stand-alone option, part of a package or part of an Equipment Group

— = NA

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2020 Shelby® GT500®

Performance and Handling

Availability by Model

Performance and Handling	Shelby GT500
Aluminum front bumper beam	S
Brakes	
2-piece SHW® vented smooth rotors with Brembo® 6-piston front and 4-piston rear red-painted calipers	S
Electronic line-lock (track use only)	S
Electric parking brake	S
Drive Modes	S
Driveshaft — composite carbon fiber	S
Engine — 5.2L Supercharged V8 with cross-plane crankshaft	S
Engine oil cooler (external air-to-oil)	S
Exhaust — high-flow dual with X-pipe and electronic valves	S
Front radiator block-off plate	S
Gurney flap — rear (placed inside vehicle for installation by customer)	O
Launch control (track use only)	S
PCV oil catch can (incl. in Carbon Fiber Track Pack, placed inside of vehicle for installation by customer)	O
Performance shift indicator light	S
Sheet Molded Compound (SMC) hood with self-centering pins and front fenders	S
Splitter — front	S
Splitter wickers (placed inside vehicle for installation by customer)	O
Steering — driver selectable-effort electric power-assisted (EPAS)	S
Suspension	
Continuously controlled MagneRide® Damping System	S
MacPherson strut double ball-joint front and independent integral-link rear	S
Performance springs	S
Shelby GT500-specific chassis tuning	S
Strut top mounts — adjustable (incl. in Carbon Fiber Track Pack)	O

Tire Inflator and Sealant Kit	S
Tires	
Michelin® Pilot® Sport 4S, 295/30ZR20 front and 305/30ZR20 rear	S
Michelin Pilot Sport Cup 2, 305/30ZR20 front and 315/30ZR20 rear (incl. in Carbon Fiber Track Pack)	O
TORSEN® helical differential with 3.73:1 limited-slip rear axle	S
Tower-to-tower brace — magnesium	S
Track Apps	S
Transmission — TREMEC® TR-9070 7-speed dual-clutch automatic	S
Transmission oil cooler and differential cooler	S

S = Standard

O = Available as a stand-alone option, part of a package or part of an Equipment Group

— = NA

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2020 Shelby® GT500®

Technologies

Availability by Model

Technologies	Shelby GT500
BLIS (Blind Spot Information System) with Cross-Traffic Alert (incl. in Technology Package)	O
FordPass Connect	S
Navigation System — Voice-Activated with SiriusXM® Traffic and Travel Link® (incl. in Technology Package)	O
SYNC 3	S
Voice-Activated Touchscreen Navigation System (Included in Technology Package)	O

S = Standard

O = Available as a stand-alone option, part of a package or part of an Equipment Group

— = NA

NOTE: The above information is an excerpt to be used with the 6/28/19 Shelby GT500 Dealer Ordering Guide. For more information and the latest Dealer Ordering Guide, go to fmcdealer.com.

2020 Shelby® GT500®

Safety and Security

Availability by Model

Safety and Security	Shelby GT500
AdvanceTrac electronic stability control	S
Airbags — driver knee, dual-stage front, front-seat side and side-curtain	S
Defroster — rear window	S

Glove-box-door-integrated knee airbag	S
Headlamps	
Autolamp automatic on/off	S
Wiper-activated	S
Head restraints — front 4-way adjustable (incl. w/leather-trimmed sport seats)	S
Illuminated entry	S
Individual Tire Pressure Monitoring System (TPMS)	S
LATCH (Lower Anchors and Tether Anchors for Children; not applicable with Carbon Fiber Track Pack)	S
MyKey	S
Perimeter alarm	S
Personal Safety System	S
Rear View Camera	S
SecuriLock Passive Anti-Theft System	S
SOS Post-Crash Alert System	S
Wheel-locking Kit (incl. in Carbon Fiber Track Pack)	O

S = Standard

O = Available as a stand-alone option, part of a package or part of an Equipment Group

— = NA

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2020 Shelby® GT500®

Equipment Groups & Packages

Availability by Model

Equipment Groups & Packages	Shelby GT500
Equipment Group 950A All standard equipment	S
Carbon Fiber Track Pack (67J) <ul style="list-style-type: none"> 20" exposed carbon-fiber wheel Adjustable strut top mounts NOTE: Adjustable strut top mounts can be customer installed for Track use. Shipped in a box in the trunk for customer to have installed if desired. <ul style="list-style-type: none"> Exposed carbon-fiber instrument panel Exposed carbon-fiber GT4 track wing Michelin® Pilot® Sport Cup 2 tires <ul style="list-style-type: none"> Front — 305/30ZR20 Rear — 315/30ZR20 PCV oil catch can (placed inside of vehicle for installation by customer) Rear seat delete RECARO® sport bucket leather-trimmed front seats Front splitter wickers Wheel locking kit 	O

NOTE: Heated, cooled, power adjustment or memory not included with RECARO® sport bucket leather-trimmed front seats

Packages

Handling Package (67K)

- Gurney flap (placed inside of vehicle for installation by customer)
- Front splitter wickers (placed inside vehicle for installation by customer)

NOTE: Not available with Carbon Fiber Track Pack

Technology Package (67T)

- 6-way power driver's seat with 3 memory settings

NOTE: Included when ordered with Leather-trimmed Sport Seats. NA with RECARO sport bucket leather-trimmed front seats.

- B&O Sound System by Bang & Olufsen (12 speakers), includes CD Player, HD Radio™ and subwoofer in-trunk
- BLIS (Blind Spot Information System) with Cross-Traffic Alert
- Mirrors – heated, memory, turn signal indicator and Cobra Puddle Lamps
- Voice-Activated Touchscreen Navigation System with SiriusXM® Traffic and Travel Link®

S = Standard

O = Available as a stand-alone option, part of a package or part of an Equipment Group

— = NA

NOTE: The above information is an excerpt to be used with the 6/28/19 Shelby GT500 Dealer Ordering Guide. For more information and the latest Dealer Ordering Guide, go to fmcdealer.com.

2020 Shelby® GT500®

Color and Trim Availability

Availability by Model

INTERIOR TRIM DESCRIPTIONS

Available Exterior Colors	Interior Trim Description	Interior Trim Colors
		Ebony with Smoke Gray Accents
<ul style="list-style-type: none"> • Ford Performance Blue⁽¹⁾ [FM] • Grabber Lime [F9] — New • Iconic Silver [JS] — New • Kona Blue⁽¹⁾ [L6] • Magnetic⁽¹⁾ [J7] • Oxford White [YZ] • Race Red [PQ] • Rapid Red Metallic Tinted Clearcoat⁽²⁾ [D4] — New • Shadow Black [G1] • Twister Orange Tinted Clearcoat⁽²⁾ [CA] — New • Velocity Blue⁽¹⁾ [E7] 	Shelby GT500 (950A)	
	Leather-trimmed front bucket with Miko® suede sport seats	BV
	Leather-trimmed RECARO® front bucket sport seats	FV

COLOR AND TRIM AVAILABILITY

	Material	Leather-trimmed with Miko Suede/
--	----------	----------------------------------

	Color	RECARO leather-trimmed
		Ebony with Smoke Gray Accents
Paint Name	Order Code	BV/FV
Ford Performance Blue ⁽¹⁾	FM	■
Grabber Lime — New	F9	■
Iconic Silver [JS] — New	JS	■
Kona Blue ⁽¹⁾	L6	■
Magnetic ⁽¹⁾	J7	■
Oxford White	YZ	■
Race Red	PQ	■
Rapid Red Metallic Tinted Clearcoat ⁽²⁾ — New	D4	■
Shadow Black	G1	■
Twister Orange Tinted Clearcoat ⁽²⁾ — New	CA	■
Velocity Blue ⁽¹⁾	E7	■

TAPE STRIPE COLORS AND AVAILABILITY

Paint Name	Order Code	Vinyl “Over-the-Top” Racing Stripe (47S) ⁽³⁾⁽⁴⁾			Vinyl Side Stripes (464) ⁽⁴⁾⁽⁵⁾			Painted “Over-the-Top” Racing Stripes (47W) ⁽³⁾⁽⁴⁾		
		Ebony (852)	Bright White (85Q)	Kona Blue (851)	Ebony (90D)	Bright White (90E)	Kona Blue (90F)	Absolute Black (858)	Oxford White (85C)	Kona Blue (85U)
Ford Performance Blue ⁽¹⁾	FM	■	■		■	■		■	■	
Grabber Lime	F9	■	■		■	■		■	■	
Iconic Silver ⁽¹⁾	JS	■	■	■	■	■	■	■	■	■
Kona Blue ⁽¹⁾	L6	■	■		■	■		■	■	
Magnetic ⁽¹⁾	J7	■	■	■	■	■	■	■	■	■
Oxford White	YZ	■		■	■		■	■		■
Race Red	PQ	■	■		■	■		■	■	
Rapid Red Metallic Tinted Clearcoat ⁽²⁾	D4	■	■	■	■	■	■	■	■	■
Shadow Black	G1		■	■		■	■		■	■
Twister Orange Tinted Clearcoat ⁽²⁾	CA	■	■	■	■	■	■	■	■	■
Velocity Blue ⁽¹⁾	E7	■	■		■	■		■	■	

(1) Metallic paint.

(2) Extra-cost option.

(3) Vinyl “Over-the-Top” Racing Stripes (47S) is not available with Painted “Over-the-Top” Racing Stripes (47W).

(4) If Vinyl “Over-the-Top” Racing Stripes (47S) and Vinyl Side Stripes (464) are both ordered, Vinyl “Over-the-Top” Racing Stripes (85) will pull matching Vinyl Side Stripes (90).

(5) Vinyl Side Stripes (464) are not available with Painted “Over-the-Top” Racing Stripes (47W).

2020 Shelby® GT500®

Wheels

Availability by Model

Wheel	Shelby GT500
20" Flow-formed High-Gloss Black Aluminum wheel, front/rear (20"x11.0"/20"x11.0") 	Standard
20" Exposed Carbon Fiber Ebony Black-painted wheel, front/rear (20"x11.0"/20"x11.5") 	Included in Carbon Fiber Track Pack

2020 Shelby® GT500®

Specs

Use the menu to select and view information related to wheels, exterior colors and interior trim. Key product specifications include vehicle dimensions and capacities, detailed engine information, transmission gear ratios and more.



2020 Shelby® GT500®

Dimensions/Weights/Capacities

Specs

Exterior	GT500
Wheelbase	107.0
Length	190.2
Height	54.3 (Base) 53.8 (Track)

Width (mirrors folded/not folded)	78.2/81.9
Track (front/rear)	63.3/63.6
Base Curb Weight (approx. lbs.)	4,225
Weight Distribution (front/rear, %)	56.2/43.8
Interior	
Seating Capacity	4
Head Room (front/rear)	37.6/34.8
Shoulder Room (front/rear)	56.3/51.9
Hip Room (front/rear)	54.9/47.4
Leg Room (front max./rear)	44.5/29.0
Passenger/Cargo Capacity	
Passenger Volume (cu. ft.)	82.6
Luggage Capacity (cu. ft.)	13.5
EPA Interior Volume (cu. ft.)	96.1
Fuel Tank Capacity (gal.)	16.0

NOTE: All dimensions in inches unless otherwise noted.

2020 Shelby® GT500®

Powertrain

[Specs](#)

Engine	
Driveline Layout	Front engine, rear-wheel drive (RWD)
Engine Type	5.2L DOHC Supercharged V8
Displacement (liters/cu. in.)	5.2/315
Horsepower @ rpm	760 @ 7,300 ⁽¹⁾
Torque (lb.-ft.) @ rpm	625 @ 5,000 ⁽¹⁾
Compression Ratio	9.5:1
Bore and Stroke (mm)	94.0 x 93.0
Construction	Aluminum block with aluminum heads
Intake Manifold	Composite intake
Exhaust Manifold	Stainless steel
Crankshaft	Cross-plane forged steel
Throttle Body	Single-bore 92 mm, electronic

Valvetrain	DOHC, roller finger followers, 4 valves per cylinder							
Valve Diameter	Intake (38.3 mm)/Exhaust (32.5 mm)							
Pistons	Forged aluminum							
Connecting Rods	Forged steel I-beams							
Ignition	Coil-on-plug							
Induction	Supercharger, roots-style (2.65L)							
Fuel System	Sequential multiport							
Fuel Requirement (octane)	91+ (minimum)/93 (recommended)							
Exhaust, Stainless Steel	High-flow dual with catalytic converters and "X" crossover pipe							
Oil Capacity	11.0 quarts, 5W-50 full-synthetic							
Coolant Capacity	15.2 quarts, engine/2.5 quarts, intercooler							
Transmission								
Type	TREMEC® TR-9070 7-speed dual-clutch automatic							
Final Drive Ratio	3.73:1							
Gear Ratios								
Gears	1st	2nd	3rd	4th	5th	6th	7th	Rev.
TREMEC TR-9070 7-speed dual-clutch	3.14	2.05	1.43	1.10	0.86	0.68	0.56	2.76

(1) Horsepower and torque ratings are based on premium fuel per SAE J1349® standard. Your results may vary.

2020 Shelby® GT500®

Chassis

[Specs](#)

Front Suspension	
Type	MacPherson strut with double lower ball joints and stabilizer bar; MagneRide® Damping System
Springs	Coil
Shock Absorbers	Integral strut, gas-charged hydraulic
Stabilizer Bar (dia.)	36 mm
Rear Suspension	
Type	Independent integral-link with coil springs, shock absorbers and stabilizer bar; MagneRide Damping System
Springs	Coil
Shock Absorbers	Monotube
Stabilizer Bar (dia.)	24 mm
Steering	
Type	Rack-and-pinion

Assist	<ul style="list-style-type: none"> Electric power-assisted (EPAS) Driver selectable-effort (Comfort, Normal and Sport)
Overall Ratio	16.4:1
Turning Diameter, Curb-to-Curb (ft.)	44.2
Brakes	
Standard	4-wheel disc with Anti-Lock Brake System (ABS), brake assist and electronic brakeforce distribution (EBD)
Front	Brembo® 6-piston aluminum calipers and 16.5-inch 2-piece vented smooth rotors
Rear	Brembo 4-piston calipers with 14.5-inch 2-piece vented smooth rotors

2020 Shelby® GT500®

Towing

[Specs](#)

TRAILER TOWING

Model	Shelby GT500
Not recommended	

TOWING THE VEHICLE

- Flatbed equipment **must** be used to tow Mustang Shelby GT500
- Four-wheel-down towing, also known as flat/neutral towing, refers to towing a vehicle with all four of its wheels on the ground — for example, when towing a vehicle behind an RV (recreational towing)
 - Shelby GT500 **does not** offer four-wheel-down towing capability
- Dolly-towing allows owners to tow their vehicle behind an RV or motorhome if they are unable to four-wheel-down their vehicle
 - Shelby GT500 **does not** offer dolly-tow capability
- Refer to the RV & Trailer Towing Guide and the vehicle owner's manual for complete details and restrictions



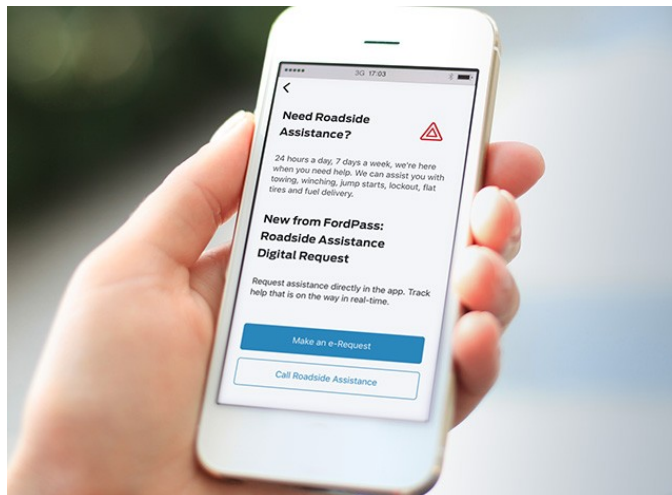
Engine	Four-wheel-down Capability	Dolly-tow Capability	Emergency Towing ⁽¹⁾ (Recommended)
	Dual-clutch	RWD	
5.2L Supercharged V8	No	No	Flatbed equipment

(1) In an emergency only, the vehicle may be neutral-towed behind another vehicle, but only at a maximum speed of 35 mph and for a distance of no greater than 50 miles.

2020 Shelby® GT500®

24-HOUR ROADSIDE ASSISTANCE⁽¹⁾

- Owners can call the toll-free number (1-800-241-3673) 24 hours a day
- Customers can also use their FordPass⁽²⁾ app:
 - Tap the red "hazard" icon at the top of the screen
 - Tap the "make an e-request" button
 - Follow the prompts, which allow owners to identify the type of service they need
 - Owners can follow real-time progress of their request on the FordPass map
- Services available include flat tire change, towing to the nearest Ford dealership, fuel delivery, jump start and lock-out assistance
- The FordPass app also offers a link to Accident Assistance under Vehicle Details/Vehicle Support
 - Accident Assistance includes information on what to do in an accident and about collision repairs
 - It also provides a collision shop locator that identifies the nearest Ford Certified Collision Center



NEW VEHICLE LIMITED WARRANTIES

- 3-year/36,000-mile bumper-to-bumper; no deductible
- 5-year/60,000-mile Powertrain Limited Warranty
- 5-year/unlimited-mileage Corrosion Perforation (aluminum panels don't require perforation)
- 5-year/60,000-mile Safety Restraint Warranty

POWERTRAIN LIMITED WARRANTY

- Powertrain Limited Warranty for Ford vehicles is 5 years or 60,000 miles, whichever comes first
- That's an additional 2 years/24,000 miles of coverage beyond the bumper-to-bumper coverage for components such as the engine, transmission and front- or rear-wheel-drive parts

(1) Roadside Assistance is available to everyone. Fees may apply.

(2) FordPass, compatible with select smartphone platforms, is available via a download. Message and data rates may apply.

NOTE: See www.motorcraftservice.com for a link to a printable PDF of the Warranty Guide.