2 0 1 8 SHELBY GT 350









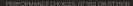
WORLD-CLASS PERFORMANCE

When Carroll Shelby developed his original 1965 GT350, his goal was to achieve ultra-quick lap times on road-racing courses — a car that could beat the then-dominant Jaguars and Corvettes in production sports-car racing. And Shelby's creating succepted heyend all expectations.

When the men and women at Ford Performance began work in the new, Zist-century GT350, their goal was essentially he same – create a highly race-track-capable car with yorld-class performance. The result of their efforts is he most dynamically athletic production Mustang yet.

The Ford engineers took an innovative, no complomise proposals. They evaluated the performance and function proposals. They evaluated the performance and function in the proposal to the parties to work its based to be the proposal to the parties to work its based to be not provided with the parties to work its based to the proposal to the proposal to the proposal to the envelope with cutting-edge materials and technologies. The result Diving a Shelby CT350 is the most balanced, intolle and schillarating experience ever found in a production Mustage.





This dynamically athletic production Mustang is powered by the most powerful naturally aspirated Ford production engine ever. The engine's flat-plane crankshaft is the first of its kind ever used in a Ford V8-powered car, it gives very quick throttle response. and produces the GT350's exotic and unique exhaust snarl

The Ford Performance engineers' extensive design

The GT350 is meant for owners who want a car with but also want one that's very streetable for everyday driving. The option packages offer higher-end equipment for comfort and convenience.

If you are not too concerned about comfort or convenience for street use: if you want to take your car to a race track to wring out that last tenth of a second of lap time, then the GT350R is for you. Some might even want it as the basis for an all-out, non-streetable race car, Ford Performance has deleted anything that adds unnecessary performance-robbing weight, or causes parasitic

The R-Electronics Package makes the ultimate driving with the a good range of comfort and

NOTE: Beginning in April 2018, all GT350R models will be produced with the R-Electronics Package



With 526 horsepower* and 429 foot-pounds of Ford has ever produced. This very special engine's

The engine breathes through an intake manifold with than those in the stock 5.0 VB, and thanks to high-lift camshafts with increased duration, the cylinder

The aluminum block's iron cylinder liners are removed, and plasma transferred wire arc (PTWA) technology is used on the bores. This larger bore diameter results in an over-square configuration – approximately 94 mm bore x 93 mm stroke - which increases low-end torque. PTWA also improves performance and durability, due to lighter weight plus reduced friction and heat transfer. The flatplane crankshaft gives quick throttle response. and the exhaust's unique, throaty snart.

The custom, high-flow exhaust system has "dualmode" rear mufflers with single entries and dual outlets. An actuator valve in the muffler canister unlike any other Mustang, or any other car, in fact.

The Tremec® 3160 6-speed, lightweight manual transmission is connected to the engine with a highstrength, dual-disc clutch. This combination has all the necessary torque capability, along with excellent high-rev shifting capability. This is essentially a bespoke transmission for the GT350, since the people at Ford Performance designed and tooled up a new case and gear set just for this car.

The torque bias and pre-loads in the TORSEN® limited-slip differential are specifically engineered

for the GT350. The rear-axle ratio is 3.73:1. The GT350's engine water radiator is upsized from that of the Mustang GT and carries a higher volume

All GT350s are equipped with oil-cooling radiators for the engine, transmission, and rear-axle The engine oil radiator's design is an elegant solution. located in the front bumper on the driver's side, with

ducting to provide optimum air flow The transmission-oil radiator is on the other side of the front bumper, and the transmission circuit has its own internal pump

The differential oil cooler is mounted in the lower rear diffuser, which allows much shorter runs of plumbing.















CHASSIS SYSTEMS: DYNAMIC REFINEMENT

The GT350's meticulously developed and tuned chassis systems help deliver the most balanced nimble and exhilarating production Mustang yet Their foundation is the 2015 Mustang platform the strongest yet in the history of the brand, with torsional stiffness increased by 28 percent over

The unique suspension design has new, lighter and stiffer knuckles front and rear (aluminum on the front), and new wheel bearings all around They are designed specifically for lateral stiffness for very precise steering, and also to enhance brake modulation capabilities. Springs and stabilizer bars in the left and right rear springs are wound in opposite directions to ensure that the spring rates are exactly

particles that conduct an electric current, and justments in the current will magnetically change monitor ride height, pitch, dive, and many more characteristics. A Ford-developed control module responds to an event within seven milliseconds. performance requirements.

The GT350's brakes are the biggest and most powerful ever installed on a production Mustang,

tires that are specially developed for the GT350. 1.4 inches thick. They are cross-drilled, and have directional vanes in place of standard rotor vents much more efficiently, for more effective cooling.

unsprung weight, and also reduces heat transfer

calipers. They are extraordinarily stiff, delivering pedal feel that is smooth, refined, and easy to modulate. The rear brake rotors are 14.9 inches by 1 inch. also manufactured from two pieces - aluminum hat and iron ring - with Brembo 4-piston calipers.

The electric power rack-and-pinion steering steering angle outboard for increased steering responsiveness. The EPAS system's tuning pack settings that are specially calibrated for GT350.

GT350 wheels are Ebony Black painted aluminum at the rear. They are shod respectively with 295/35

The GT350R is equipped with lightweight carbon-The front wheels measure 19 x 11 inches and rears are 19 x 11.5, with ultra-high-performance Michelin Pilot Sport Cup 2 tires - 305/30 ZR19 front and 315/30

AERODYNAMIC DESIGN: BALANCE AND FLOW

The entire front of the GT350 is specially designed the hood is significantly lower, wrapping snugly over the engine

The front splitter and belly pan were designed together as a system for both aerodynamic and structural purposes. Vertical winglets on the outer winglets on the front of the rockers manage air The belly pan provides structural support for the

splitter, which has to withstand high aerodynamic loads. The belly pan also helps block air from entering the engine bay and causing front-end lift. It has several mini venturi tunnels that help create downforce and reduce drag, and some of them direct air into the wheel arches to help cool the brakes. The wheel arch liners themselves are specially designed to manage airflow from the front of the car

wheels and tires, and designed to optimize aero performance. Functional vents behind the wheels At the rear of the car, a unique diffuser is designed to airflow out of the back to control downforce.

From the beginning, the GT350's design and

2018 SHELBY GT350 TECHNICAL DATA

POWERTRAIN

- Bore x stroke: 94mm x 93mm
- 12:1 compression ratio
- 526 hp @ 7500 rpm (achieved with 93 octane fuel)

- 429 lb.-ft. torque @ 4,750 rpm - Redline: 8,250 rpm

- 87mm throttle body - Flat-plane, forged-steel crankshaft - Forged-aluminum pistons

Forged-steel, I-beam connecting rods
 Lightweight polymer oil pan with windage tray
 High flow dual exhaust with X-pipe
 and active-withe mufflers.

Lightweight Tremec® 3160 6-speed manual transmission Dual-mass flywheel 215mm dual-disc clutch

3.73:1 TORSEN® limited-slip differential with GT350-specific bias ratios Engine, transmission and differential oil coolers

SUSPENSION AND STEERING

Magnesidesi semi-active suspension front and re-Front suspension: independent MacPherson strut with double ball joints -194 lb./in. coil springs

- 240 lb./in. coll springs - 34 x 5.7mm tubular stabilizer bar - Aluminum knuckles with performance

wheel bearings

- Lightweight tower-to-tower strut brace
Rear suspensions independent multi-link
0.04 lb. do. constructions and coll confess

Near suspension: Independent multi-link - 914 lb./in. counter-wound coll springs - 22.2 x 3.9mm tubular stabilizer bar Flertric power assist rack-and-nings steer

FRONT BRAKES
SHW8 394mm rotors with aluminum center

"hat" and cross-drilled iron ring with directional cooling vents

Brembo™ 6-piston monobloc calipers, fixed-bridge.

REAR BRAKES
SHW8 381 x 25.4mm rotors with aluminum cen
"hat" and vented, cross-drilled iron ring
BremboTM 4-piston monobloc calipers

WHEELS & TIRES, GT350

Ebony-Black-painted aluminum wheels, 19 x 10.5 in. front, 19 x 11 in. rear Specially developed Michelin Pilot Super Sp

WHEELS & TIRES, GT350R

Lightweight carbon-tiber wheels, IV x II in front, 19 x 11.5 in. rear Specially developed Michelin Pilot Sport Cup 2 tires, 305/30 ZR19 front, 315/30 ZR19 rear

SELECTED FEATURES
Standard exterior colors available: Kona Blue
Metallic (new), Lead Foot Gray (new), Shadow
Rack Magnetic Metallic Liebtning Blue Metallic.

Black, Magnetic Metallic, Lightning Blue Metallic, Race Red, Oxford White Aerodynamic treatments: front splitter and grille, underbody shield, diffuser, rear spoiler, air curtains Aluminum front fenders with air extractor Aluminum front fenders with air extractors

Aluminum front bumper Selectable drive modes: Normal, S Track, Dragstrip

Performance shift indicator
Driver and steering mode control
Unique instrument panel and gauges
RECARO cloth seats with Miko® suede inserts

GT350R Deleted Content

-Rear seats -Air conditioning -Audio system -Auxiliary gauges

-Auxiliary audio lack

-Floor mats
-Tire inflator and sealant kit
-SYNC® and USB port

PACKAGES AND OPTIONS

Shelby GT350 ELECTRONICS PACKAG

- 9-speaker audio system - SiriusXM® radio

- SYNC® 3 — enhanced voice recognition communications and entertainment system. Includes 8° LCD touchscreen with AppLink®, 911 Assist®, and 2 smart-charging USB ports - Dual-zone automatic temperature control

Dual-zone automatic tempe
 Soft door rollover
 Turn signal mirrors

Turn signal mirrors
Universal garage door opener
Voice-activated touchscreen navigation system
with SiriusXM Traffic and Travel Unive

Includes all Electronics Package content, plus:

- Leather-trimmed sport seats with seat back map

Mko8 suede sport seats)

- 4-way adjustable head restraints

- 6-way power driver seat with power lumbar

- 6-way power passenger seat
- Heated and cooled front seats
- Memory recline (driver's side only)
Stand-Alone Options

Painted black roof
- "Over-the-top" racing stripe
- Orange Fury Metallic Tri-Coat paint (new)

- Ruby Red Metallic Tinted clearcoat paint
- Triple Yellow tri-coat paint
Factory Invoiced Accessories (FIA) - Shipped
separately from the vehicle for dealer installation
- Full Vehicle Cover (WeatherShield: Cobra® logo

Shelby GT350R R-ELECTRONICS PACKAGE (standard beginning in April 2018) - 9-speaker audio system

AM/FM stereo, single-CD player
 SiriusXM® radio
 SYNC® 3 – enhanced voice recognition communications and entertainment system. Includes 8° LCD touchscreen, voice-activater.

communications and entertainment system. Includes 8" LCD touchscreen, voice-activated navigation system, AppLink[™], 911 Assist® and 2 smart-charging USB ports - Dual-zone automatic temperature control

- Rear view camera
- Soft door rollover
- Turn signal mirrors

Universal garage door opener
 Auxiliary gauges

- Floor mats
- Tire inflator and sealar
Stand-Alone Options

- Painted black roor - "Over-the-top" racing stripe - Orange Fury Metallic Tri-Coat paint (new) - Ruby Red Metallic Tinted clearcoat paint - Triple Yellow tri-coat paint

- Imple Yellow thi-coat paint Factory Invoiced Accessories (FIA) – Shipped separately from the vehicle for dealer installation - Full Vehicle Cover (WeatherShield; Cobra® logo

Full Vehicle Cover (WeatherShield; Cobra® logo on hood area, Shelby® logo on back)

