Return of the Mach! Limited-Edition Mach 1 is Pinnacle of Mustang 5.0-Liter V8 Style and Performance

- 480 horsepower limited-edition Mach 1 sets a new standard of 5.0-liter V8 track-ready performance in the Mustang lineup while celebrating original model’s aggressive aerodynamic and handling enhancements
- Six-speed manual transmission from Ford Performance and an available 10-speed automatic transmission provides capability on and off the track; available Handling Package delivers even more on-track
- Exterior styling cues include a new front fascia and grilles for both improved cooling and aerodynamics; low-gloss magnetic and black accents as well as hood and side-body stripes with reflective surfaces celebrate Mach 1 heritage dating back more than five decades

DEARBORN, Mich., June 16, 2020 – After a 17-year hiatus, the all-new Mustang Mach 1 fastback coupe makes its world premiere – becoming the modern pinnacle of style, handling and 5.0-liter V-8 pony car performance.

“Bold styling, great acceleration and speed – Mach 1 says it all,” said Jim Farley, Ford’s chief operating officer. “This is one of those special Mustangs that truly brings a smile to the faces of our owners, enthusiasts and fans – including me – so there’s never been a better time to bring back Mach 1 and have it go global too.”

Ford’s quest for speed began with Henry Ford in 1901 and the company’s roots within aerospace only furthered its desire to deliver quicker, faster and more powerful vehicles. Calling back Chuck Yeager’s feat becoming the first to break the sound barrier – Mach 1 – Ford delivered its original Mach 1 in 1969, setting 295 speed and endurance records in its first model year at the Bonneville Salt Flats. Thanks to its added handling capability, Mach 1 teams earned back-to-back SCCA Manufacturer’s Rally Championships in 1969 and 1970.

Like the original, the all-new Mach 1 bridges the gap between Mustang GT and Shelby® models, delivering V-8 power, unique functional aerodynamic enhancements, competition-capable suspension upgrades and a driver-focused cockpit.

All-new Mach 1 muscle

The all-new Mustang Mach 1 is set to become the most track-capable 5.0-liter Mustang ever, courtesy of a newly designed front end, plus Ford Performance parts from Mustang Shelby GT350 and Shelby GT500 models and an available Handling Package for greater at-limit handling.

Packing a specially calibrated 5.0-liter V8 engine that has a projected 480 horsepower at 7,000 rpm and 420 lb.-ft. of torque at 4,600 rpm, Mach 1 is a fitting celebration of a nameplate born more than 50 years ago.

Integrated into the Mach 1 engine are revised Shelby GT350 components including the intake manifold, oil filter adapter and engine oil cooler, increasing engine oil cooling capability by 50 percent.

The all-new version leans on decades of Ford Performance learnings, wearing a uniquely crafted front end for aerodynamic efficiency and a host of Ford Performance parts that help celebrate its iconic heritage. Mach 1 comes standard with a Tremec™ 3160 6-speed manual transmission from the Shelby GT350. For the first time, Ford has outfitted the system with rev-matching and the transmission is paired with the GT350 oil cooler system and Mustang GT’s twin-disc clutch and short-throw shifter.
Drivers can also opt for an available 10-speed SelectShift™ automatic transmission with an upgraded torque converter and unique calibration that enables optimizing torque capability, shift character and overall enhanced performance. A second air-to-oil cooler increases cooling capacity by 75 percent.

Recapturing Mach 1 style

The all-new Mach 1’s grille harkens back to the original with a deep 3-D mesh, shark-nosed section and faux lamp elements. Flanking the fascia are new side grilles below each turn signal lamp. A low-gloss Magnetic pony badge is centered on the grille. Low-gloss magnetic and black accents throughout the vehicle provide a premium look while staying true to Mach 1’s bold, muscular heritage, including low-gloss Magnetic mirror caps and rear spoiler.

New 19-inch x 9.5-inch, and 19-inch x 10-inch five-spoke Tarnished Dark-painted aluminum wheels are a modern version of the classic Magnum 500 style wheels. Handling Package vehicles come standard with unique, wider 19-inch x 10.5-inch front, and 19-inch x 11-inch rear Tarnished Dark-painted aluminum wheels.

The Handling Package – exclusively available with the Tremec™ 3160 6-speed manual transmission – also includes a larger unique higher downforce front splitter, new front wheel lip moldings, and a low-gloss Magnetic swing spoiler with a Gurney flap and rear tire spats from Shelby GT500.

Satin Black side and hood stripes are included with reflective accent stripes in any of three colors: Red, White and Orange (Appearance Package only). Exterior color options include the Mach 1 exclusive Fighter Jet Gray (Appearance Package only), as well as Iconic Silver, Shadow Black, Oxford White, Velocity Blue, Twister Orange, Race Red and Grabber Yellow.

The interior features a unique Dark Spindrift instrument panel with aluminum accents. Ebony seats with an accent stripe hint at Mach 1 heritage in cars equipped with a leather interior. Other interior upgrades include new door sill plates, an updated splash screen on the 12.3-inch all-LCD instrument cluster, a white cue ball shift knob, and engraved badging that displays the vehicle’s unique chassis number.

Mach 1: Built to perform

The Mach 1 engineering and design teams worked in tandem to develop a front end unique to the Mach 1 persona that also meets the high aerodynamic demands of the engine, transmission and braking systems.

A new two-piece upper grille, lower grille and valance, and new side grilles, all contribute to Mach 1’s signature look and more demanding aero and cooling performance requirements.

A front splitter optimized to the fascia shape improves track performance and provides a more aggressive appearance, while a matched rear spoiler works in concert to create ideal lift balance. Mach 1 features 22 percent more downforce than a Mustang GT with Performance Pack Level 1 and the downforce improvement jumps to approximately 150 percent with the Handling Package.

To enhance track endurance, the team added two side heat exchangers – one to cool engine oil, the other transmission oil – as well as a rear axle cooling system and lower diffuser from Shelby GT500.

A new underbelly pan, the vehicle’s most aerodynamically important upgrade, extends 20 inches further rearward than on a Mustang GT Performance Pack to smooth and increase the airflow under the front of the car. Large underwing features in the belly pan increase downforce, while special belly pan airfoils in the brake cooling ramps improve downforce and assist the brake cooling flow – a first for Mustang.

To improve ride and handling, Mach 1 features the latest MagneRide calibration, a stiffer steering I-shaft, new EPAS calibration, stiffer sway bars and front springs, a brake booster from the Mustang GT Performance Pack Level 2, 9.5-
inch/10-inch split fitment wheels with Michelin PS4 tires, a rear subframe with stiffer bushings and a rear toe-link from Shelby GT500.

The all-new and limited-edition 2021 Mustang Mach 1 will arrive in U.S. and Canadian Ford dealerships in the spring of 2021.

Horsepower and torque ratings based on premium fuel per SAE J1349® standard.

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