



WARNINGS AND DISCLAIMERS

While reading this document, you will find a series of **WARNINGS** that must be carefully followed to prevent incorrect use of the vehicle, which could cause accidents, injuries, or death. ALWAYS drive in a safe manner obeying all traffic rules and regulations and pay complete attention to the road and driving conditions. YOU have full responsibility and assume all risks related to the use of the features and applications in vehicle manufactured by Steeda Performance Vehicles LLC or McQueen-Steeda LLC. Only use the vehicle and its features and applications when it is safe to do so. Failure to do so may result in an accident involving serious injury or death.

WARNING: High performance features are not a substitute for driving safely with due care and attention, and these features may not function necessarily under all circumstances, speeds, weather and road conditions. The driver should not assume that any vehicle features would correct errors of judgment in driving. Please consult your Ford vehicle's owner's manual or your local authorized Steeda Retailer for more details about vehicle operation.

WARNING: If the vehicle is equipped with a Rear Seat Delete option, do not allow any individual to ride in the rear seat area. In a collision, people riding in the rear seat area are more likely to be seriously injured or killed. If this vehicle is not equipped with a rear passenger seat, NEVER attempt to install a rear passenger seat because the safety systems may not properly protect the occupant.

WARNING: ALWAYS ensure the driver and passenger(s) properly use their three-point seat belts or optional 6-point seat belts when operating a vehicle. In a collision, you and your passengers can suffer much greater injuries if you are not properly buckled up. You can strike the interior of your vehicle or other passengers, or you can be thrown out of the vehicle. Remember that the safety belts in a vehicle constitute the primary protection system for driver and passengers in collisions. The airbag system is a supplement to the safety belts and is designed to work as a system with the safety belts. Although airbags provide additional protection, airbags without safety belts do not provide optimal protection in a crash. Always wear your safety belts. Children younger than 13 years old should always be properly restrained in a back seat, away from airbags. Never place an infant seat in the front seat.

WARNING: Any user/owner installed modifications or alterations applied to this vehicle could seriously affect its roadworthiness and safety and may lead to a collision resulting in serious injury or death. Non-Steeda and/or non-McQueen-Steeda performance upgrades are not approved, and may void the warranty for the entire powertrain and suspension systems and potentially the complete vehicle. Should the user or owner of the vehicle install products or parts after our manufacturing of the vehicle, note that these products or parts may not be suitable and could adversely affect performance, safety, and other parts/components of the vehicle. The user/owner shall determine the ultimate suitability and safety of the product for its intended use, and the user/owner assumes all responsibility and risk in connection therewith with any unauthorized modifications. Please note that Steeda Performance Vehicles and McQueen-Steeda uses telltale software and other methods to detect the use of non-approved modifications.

WARNING: Serious injury or death may result from tire failure due to under-inflation, over-inflation, and/or overloading. Always adjust your tires to the proper inflation pressure (See tire information placard on your vehicle). Always inspect your tires for any signs of damage, uneven wear, and appropriate tread depth before driving.

WARNING: Proper torque of fasteners on your vehicle is very important. For wheel lug nuts, to ensure that the wheel is properly mounted to the vehicle use a calibrated torque wrench and check after the first 100 miles of operation and also after 100 miles after any reinstallation of your wheels. In addition, your lug nut torque should be checked monthly or more frequently if you are driving aggressively. The torque of half-shafts, driveshaft, and other key vehicle components should also be checked on a regular basis, more frequently after aggressive or competitive driving situations. Failure to verify the proper torque of fasteners may void the warranty for the affected component potentially the complete vehicle and could adversely affect performance, safety, and other parts/components of the vehicle.

WARNING: The Ford Motor Company safety features built into your vehicle are not a substitute for driving safely with due care and attention, and will not function under all circumstances, speeds, weather and road conditions. The driver **SHOULD NOT** assume that these safety features would correct errors of judgment in driving.

WARNING: High-performance features are intended for use only on closed tracks by experienced and qualified drivers and should not be used on public roads. High-speed driving, aggressive cornering, hard braking, and other high-performance driving can be dangerous. Improper driver inputs for the conditions may result in loss of control of the vehicle, which could injure or kill you or others. Always drive in a safe manner.

WARNING: Applying and sustaining full force braking at extreme high speeds can cause serious damage to the braking system. At any speed, braking must be performed in a smooth and controlled manner suitable for the conditions at hand. At high speeds specifically, lower initial brake pedal efforts may be needed so safe control of the vehicle is maintained in all situations.

WARNING: Always obey local speed limits. We do not encourage unsafe or illegal driving.

WARNING: Driving while distracted can result in loss of vehicle control. Do not operate, adjust or view the navigation or multimedia systems under conditions that will affect your safety or the safety of others. Only use mobile phones, and other devices, even with voice commands, when it is safe to do so.

WARNING: Summer performance tires are designed for optimum performance and handling in warm climates. They are not suitable for cold, snowy or icy weather conditions. If you drive under those circumstances, you should equip your vehicle with all-season or winter tires, which offer better traction under those conditions. We suggest you use the recommended winter or all-season tires specified for your car or their equivalent. These summer performance tires also have a lower aspect ratio that aids performance and handling; however, in order to avoid tire, rim or vehicle damage, it is important that the inflation pressure is regularly checked and maintained at recommended levels. Serious wheel and tire damage may occur if the vehicle is operated on rough or damaged road surfaces, or upon encountering road debris or obstacles.

WARNING: If the vehicle is used for track events and competitive driving, the engine may use more oil than it would with normal use. Low engine oil levels can damage the engine. Check oil levels in all oiled components (e.g. engine, transmission, differential, supercharger) often and maintain the proper level for both track and all off-track operations.

WARNING: Attempting to shift when the drive wheels are spinning and do not have traction may cause damage. Damage caused by misuse of the vehicle is not covered by the vehicle warranty. Do not attempt to shift when the drive wheels do not have traction.

WARNING: Racing is a dangerous activity and purchasers of Steeda Performance Vehicles LLC or McQueen-Steeda LLC vehicles must acknowledge the inherent risks associated. Steeda Performance Vehicles LLC and McQueen-Steeda LLC make no representations that its products can mitigate, reduce, or eliminate any such risk.

WARNING: Beadlock wheels are purpose-built wheels made for trucks to handle extreme off-road driving. They use a tire-mounting system that firmly secures the tire bead between the outer wheel lip and lock ring using high-grade bolts to hold the tire's bead in place at low tire pressures. If your Steeda truck is equipped with beadlock wheels, after an initial 100 miles of use, re-check bead lock bolt torque ensuring that they are set at 18 ft. lb. Re-tighten as necessary with a calibrated torque wrench. Beadlock wheels are recommended for off-road use only. If the lock is being used for on-road use, it is imperative that you maintain the beadlocks by regularly checking the torque of the wheel bolts, wheel lug nuts, and the condition of your tires. When driving off-road, it's also important to check for tire and wheel damage after every run. You should also check the air pressure, especially if the vehicle has been sitting. It's not uncommon for tires mounted on beadlock wheels to leak a little air if the bead lock bolts are not torqued to specification.

WARNING: If your Steeda vehicle is equipped with a supercharger, it is imperative that you follow the specific break-in, operation and maintenance recommendations that Whipple has. Some of the key takeaways of their manual are:

- Fuel grade is extremely important – only use quality fuels with 91 or greater octane levels RON+MON/2. The PCM calibration will automatically detect higher octane levels and will increase power accordingly
- Check the supercharger oil level at 7,500 miles
- Supercharger oil should be changed at 100,000 miles **NOTE: If spinning the SC faster than standard operation, oil should be changed earlier. Severe damage will occur if oil level is over filled.**
- Swap out spark plugs at 20,000 miles
- Go “easy on the car” for the first 1000 miles as it is being broken in- follow Ford Motor Company's break in guidelines. Here is a link to the Ford site the has all of your manuals online: <https://owner.ford.com/tools/account/how-tos/owner-manuals-search-results.html?year=2019&make=Ford&model=Mustang>
- Never operate at WOT with less than 1/8th of a tank of fuel
- Be sure to follow the maintenance and service recommendations below to optimize the life and performance of your Whipple-supercharged vehicle for best performance and continued reliability, it is essential to adhere to the following guidelines:
 - Always listen for any sign of spark knock or pinging. If present, discontinue use immediately and consult your vehicle owner's manual.
 - Do not operate the vehicle at large throttle opening if the MIL lamp is on steadily. This indicates an electronic engine control malfunction: reduce throttle opening and consult your vehicle dealer.
 - Check the supercharger oil level at every engine oil change. Add Whipple SC oil to the supercharger if required. Do not overfill the supercharger rear gear case.
 - Check intercooler level at the IC filler tee every 7500 miles. Level should be at the “COLD” indicator line when coolant is at ambient temp.
 - Inspect and clean your high-flow air filter element every 7,500 miles.
 - Follow your factory service intervals for oil changes and other typical maintenance items.
 - Check the supercharger/accessory drive belt. Adjust or replace as required
 - **Any modification to your vehicle's new computer program may cause serious damage to the engine and/or drive train. The PCM is locked to the VIN, never let anyone, including dealerships install updates to the PCM. Modifications to the PCM will lock power to stock power levels.**
 - Brand new vehicles with sub 1000 miles should maintain OEM break-in procedures for the engine, clutch or transmission. Applying extra stress to the power-train before proper break-in is not recommended and could lead to damage
 - There is a large variance in quality of fuels. Top Tier fuel is from large name brands such as Shell, Chevron, Unocal, Sunoco, Texaco, Phillips and others. Secondary fuel is common from grocery chains, liquor stores and small convenient shops. Never run fuels from secondary suppliers. Never run a fuel octane that is below 91octane, (RON+MON)/2 and never run fuel with more volume than 10% Ethanol (E10). It is recommended, when available, to run 92-94 octane. Never mix mid-level (below 91) with 91+, this is very dangerous and

can cause severe engine damage. Do not attempt to increase octane ratings with generic octane boosters, these are very hard on spark plugs and many brands do very little to the actual octane rating (1 point is .1 octane). Whipple highly recommends only 1 octane booster, Boostane (#1 choice). Some other brands are hard on spark plugs so constant use will require increased spark plug maintenance but Boostane has no ill side effects and is highly recommended for added safety. The PCM constantly adapts, if it senses better fuel, it will increase power accordingly.