

Stock Category Rules

Factory equipment. Endurance proven.

ST-1. General Requirements

All vehicles competing in the Stock category must comply with the Bavarian Endurance Battle General Vehicle Rules and General Roll Cage Specifications, including all required safety equipment.

These category rules supplement those requirements. Stock category restrictions do not waive or replace any mandatory safety requirement.

ST-2. Category Concept

The Stock category is dedicated to vehicles retaining their original factory mechanical configuration. Its spirit is to test the endurance of factory equipment and the ability of the drivers and team.

Except for mandatory safety modifications and the allowances expressly listed in these rules, every component must remain stock for the vehicle's model and original factory configuration. A modification is not permitted simply because it is not specifically mentioned.

ST-3. Engine and Transmission

The engine and transmission must remain completely stock or use stock-equivalent replacement components.

Automatic or five-speed manual transmissions are accepted, provided they match the vehicle's original factory configuration.

Performance upgrades, cylinder head modifications, upgraded injectors, performance piston rings, and any other changes that increase performance beyond the original factory configuration are prohibited.

ST-4. Intake and Air Filter

The intake system and engine air filter must remain stock or use stock-equivalent replacement components.

High performance air filters, aftermarket performance intake systems, and modifications to the factory airbox are prohibited.

ST-5. Suspension

All suspension components must remain stock or use stock-equivalent replacements. Performance upgrades and modifications to the factory suspension configuration are prohibited.

ST-6. Brakes

Brake upgrades using OEM components from another BMW braking system are permitted.

Aftermarket performance braking systems and components are prohibited. Stock-equivalent aftermarket replacement parts remain permitted under ST-11.

Any permitted BMW OEM brake upgrade must fit within the wheel dimensions allowed under ST-19 and comply with the class tire requirements once published. An upgrade that requires wheels or tires outside the permitted class specifications is prohibited.

Brake pads are unrestricted.

ST-7. Fuel System

The fuel system must remain completely stock or use stock-equivalent replacement components, except where a change is expressly required by the General Vehicle Rules. Performance upgrades to the fuel system are prohibited.

ST-8. Cooling System

The cooling system must remain completely stock or use stock-equivalent replacement components. Performance upgrades and changes to the factory cooling configuration are prohibited.

ST-9. Interior

The interior may be completely stripped, including removal of interior trim and sound deadening material.

The following removals are expressly permitted:

- Center console.
- HVAC equipment, including the heater core.
- Interior components behind or within the dashboard, subject to ST-10.

ST-10. Dashboard

The dashboard must remain installed in the vehicle and retain its stock appearance.

The dashboard may be gutted internally, but its visible exterior must continue to look like the factory dashboard. Removing the dashboard or replacing it with a fabricated racing dashboard is prohibited.

ST-11. Replacement Parts and Performance Restrictions

Aftermarket parts are permitted only as stock replacements, except where these rules expressly require genuine BMW components.

Replacement parts must match the original factory specifications and must not increase performance beyond the stock component or system.

Any component or modification that improves engine performance or the performance of another vehicle system beyond its stock configuration is prohibited, unless expressly permitted by these rules.

The BMW OEM brake upgrades permitted under ST-6, unrestricted brake pads, and other exceptions expressly stated in these rules remain permitted.

ST-12. Reclassification

Any vehicle found with an unauthorized upgrade or performance enhancement will be moved out of the Stock category and into the next higher category for which the vehicle qualifies.

For example, a Stock E46 fitted with a high performance air filter will be reclassified into Dreier, where more extensive modifications are permitted.

The vehicle must comply with all requirements of its destination category.

ST-13. Bodywork and Exterior Appearance

The vehicle must retain its stock bodywork and exterior configuration, except for expressly permitted modifications and mandatory safety and class identification requirements.

Vehicles may retain their factory finish, be painted, or be wrapped. Liveries, artwork, and sponsor advertising are unrestricted, provided they do not obscure or alter the mandatory white mirror housings.

Factory spoilers and side skirts are permitted only if the vehicle was originally equipped with them from the factory. Adding spoilers or side skirts to a vehicle that did not originally have them is prohibited.

Aftermarket fender flares, bumper lips, splitters, wings, spoilers, diffusers, side skirts, and any other aftermarket exterior accessories or aerodynamic additions are prohibited. Aftermarket hoods and fenders are prohibited. Bumpers must remain stock.

The safety equipment, class identification features, and other exceptions expressly permitted by these rules remain allowed.

Windshield Banners

Windshield banner requirements will be published as event development progresses.

Race Numbers

Race number format, placement, designation, dimensions, colors, and number frame requirements will be announced as the event continues to take shape.

Mandatory number locations will be the same for every car, regardless of livery, artwork, paint, wrap, or sponsor advertising. Teams must accommodate the required number locations within their designs. Updates will be published soon.

ST-14. Windshield and Windows

As required by the General Vehicle Rules, the front driver and front passenger windows must remain fully down at all times or be completely removed.

All remaining windows, including the windshield and rear window, must remain installed and must be OEM glass or OEM-specification replacement glass.

Lexan, polycarbonate, and other substitute glazing materials are prohibited.

Window tinting is prohibited on every window, including the windshield and rear window.

ST-15. Exhaust

The complete exhaust system must remain stock or use stock-equivalent replacement components. Performance exhaust components and modifications to the factory exhaust configuration are prohibited.

ST-16. Required Lighting and Class Identification

Headlights and brake lights must remain functional. Rear running lights and turn signals are not required to function.

All Stock vehicles must have headlights that shine yellow. Yellow headlight film or aftermarket yellow headlights are permitted for this purpose.

A rear-facing yellow pod light is mandatory and may be installed in any of the following locations:

- Inside the cabin, facing rearward through the rear windshield.
- On top of the trunk, securely mounted to prevent it from loosening or falling off during the race.
- Inside the trunk, shining through a window cut into the license plate location.

Regardless of location, the pod light must be securely mounted and clearly visible to cars following behind. The opening at the license plate location is expressly permitted for this installation.

The yellow headlights and rear yellow pod light must remain illuminated at all times during the race.

The yellow pod light does not replace the required functional brake lights.

ST-17. Mirror Housing Identification

Exterior mirror housings must be white to identify the Stock category during the race. Paint, securely applied wrap, or another safe method of changing the housing color is permitted.

This requirement applies to the mirror housings only. The reflective mirror surfaces must remain unobstructed and functional.

Liveries, artwork, and sponsor advertising must not obscure or alter the white mirror housings.

ST-18. Oil Pan Baffles

Internal oil pan baffles are permitted solely to help prevent oil starvation.

This exception does not authorize any other modification to the stock oil pan or lubrication system.

ST-19. Wheels

Only genuine BMW factory wheels are permitted. Aftermarket wheels, including replicas of BMW wheels, are prohibited.

Wheel diameter and width must remain within the original factory-equipped wheel dimensions for the vehicle. Larger-diameter or wider wheels are prohibited.

The factory wheel bolts may be replaced with a racing-style wheel stud conversion. All studs and matching lug nuts must be heavy-duty, racing-grade components compatible with the vehicle's hubs and wheels.

Lug nuts must have the correct thread specification and seating profile for the installed studs and wheels.

ST-20. Tires - Requirements Pending

Tire requirements for the Stock category will be announced soon. Specifications and tire limits remain pending.