



3 October 2023

Administrator
National Highway Traffic Safety Administration
1200 New Jersey Avenue SE W43-488
Washington, DC 20590

NEW RECORD: Signature Autosport LLC — Replica Vehicle Registration (49 CFR Part 586)

To Whom It Concerns —

Signature Autosport LLC is a low-volume MPV manufacturer (Manufacturer ID: 19307, assigned WMI 4S9, extension 520) and intends to manufacture replicas of the following LAND ROVER vehicles under the OSPREY CUSTOM 4X4 brand:

1. Defender 90 Soft Top and Station Wagon models from the production year 1997
2. Defender 110 Soft Top, Station Wagon, and Double Cab Pickup models from the production year 1993
3. Defender 130 Crew Cab Hi-Capacity Pickup models from the production year 1993

The exterior dimensions of the vehicles we plan to manufacture do not deviate more than +/-10% when compared to the measurements of the original vehicles manufactured in the aforementioned model years. Please refer to the attached diagrams and photographs illustrating the original vehicle specifications, which closely match our planned production units. The following deviations from the original vehicle specifications will, however, be implemented:

1. BODY: Later production date 'PUMA'-style bonnets (hoods) will be fitted to accommodate an updated powertrain combination.
2. BRAKING: The vehicles will be equipped with a hydraulically boosted master brake servo and upgraded front and rear disc brakes.
3. DASH: Later production date 'PUMA'-style dash facias will be incorporated, offering reduced driver distraction, clearer instrumentation, and improved passenger operation of auxiliary vehicle system controls due to a more ergonomic layout and user-friendly switchgear orientation.
4. ENGINE/TRANSMISSION: The vehicles will be powered by emissions-compliant GM-sourced crate engines and will be fitted with GM-sourced automatic transmissions.
5. INFOTAINMENT: A modern, touch-screen, voice-activated infotainment system will be fitted as standard equipment, designed to assist in improving driver accessibility, visibility, and recognition, thereby reducing driver distraction.
6. INSTRUMENTATION: Optional CAN bus input digital instrumentation will be made available to enhance overall instrumentation visibility and provide improved vehicle-to-driver feedback.
7. LIGHTING: Headlamps, tail lamps, brake lamps, daytime running lamps, side marker lamps, turn signal lamps, and reverse lamps will feature modern LED technology instead of the original twin-filament or halogen design. This change aims to improve driver visibility and, consequently, enhance safety while maintaining the vehicles' aesthetics close to the original specification.
8. SAFETY: A high-definition rearview camera will be fitted as standard equipment to enhance safety when reversing.
9. SEATING: Modern seats will be fitted to reduce the possibility of failure during impacts and incorporate flame-retardant materials.
10. SECURITY: Vehicle security will be increased via central locking and remote locking/unlocking capabilities.
11. STEERING WHEEL: Updated steering wheel designs with improved ergonomics will be implemented to enhance driver control.
12. SUSPENSION: Modern suspension components will be installed, with the option to raise the ride height by approximately 1-2 inches from standard. These upgrades will enhance vehicle response to driver inputs, reduce stopping distances, and improve handling and stability, thus enhancing overall safety with minimal visual impact.
13. WHEELS: Modern alloy wheels, ranging from 16 to 20 inches in diameter, will replace the original steel wheels.

The undersigned hereby certifies the following:

1. We certify that our annual worldwide production is not more than 5,000 motor vehicles.
2. We certify that we are not registered as an importer per 49 CFR Part 592.
3. We certify that we have obtained all intellectual property rights necessary to produce the replica vehicle(s) listed in this registration.
4. We certify that our total annual replica vehicle production will not exceed 325 units in a single calendar year, including all variations of original Make, Model, and Model Year and replica vehicles manufactured by other entities under common ownership.
5. We certify that we understand that the information provided in this submission is information upon which the Federal Government will rely, and that submission of false, fictitious, or fraudulent information may result in civil and criminal penalties of 18 U.S.C. 1001.

Thank you in advance for your consideration and prompt attention to this submission. If you have any questions, I can be reached directly on +1 (910) 465-0270.

My best,

Aaron Richardet
Member