



8 April 2024

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 DODGE POWER WAGON vehicles under the DESERT POWER WAGONS brand:

1. 2DPW based on models from the production years 1945 - Early 1956
2. 4DPW based on models from the production years 1945 - Early 1956
3. 4DPW-LB based on models from the production years 1945 - Early 1956
4. WC53-3DPW based on models from the production years 1942-1943
5. WC53-4DPW based on models from the production years 1942-1943
6. MEGACAB based on models from the production year years 1945 - Early 1956

Of the vehicles we plan to manufacture listed above, the exterior dimensions of vehicles 1, 4, and 5 do not deviate more than +/-10% when compared to the measurements of the original vehicles manufactured in the corresponding model years. Vehicles 2, 3, and 6 will have dimensions slightly more than +/-10% when compared to the measurements of the original vehicles manufactured due to the implementation of 2 additional passenger doors, extended cabs, and/or long bed variants.

Please refer to the attached diagrams and photographs illustrating the original vehicle specifications compared to our planned production units. The following differentiations from the original vehicle specifications will also be applied:

1. BODY: Desert Power Wagons has designed a 4-door variant of the classic Dodge Power Wagon for models 4DPW and 4DPW-LB (Long Bed), and 4-door extended cab variant in the case of the MEGACAB.
2. BRAKING: The vehicles will be equipped with a hydraulically boosted master brake servo and upgraded front and rear disc brakes.
3. DASH: Dash assemblies from late-model (2018+) RAM trucks will be incorporated as an available option, 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: The vehicles will be equipped with the following engine options: 6.4-liter HEMI 8-cylinder gasoline, 6.7-liter Turbocharged Diesel 6-cylinder.
5. TRANSMISSION: The vehicles will be equipped with the following transmission options: 8-speed automatic transmission (for vehicles with gasoline engines) or 6-speed automatic transmission (for vehicles with diesel engines).
6. INFOTAINMENT: A modern, touch-screen, voice-activated infotainment system will be fitted as optional equipment, designed to assist in improving driver accessibility, visibility, and recognition, thereby reducing driver distraction.
7. INSTRUMENTATION: Optional CAN bus input digital instrumentation will be made available to enhance overall instrumentation visibility and provide improved vehicle-to-driver feedback. As an alternative, modern gauges with improved backlighting will be installed.
8. 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.
9. SAFETY: A high-definition rearview camera will be fitted as standard equipment to enhance safety when reversing.
10. SEATING: Modern seats will be fitted to reduce the possibility of failure during impacts and incorporate flame-retardant materials.
11. SECURITY: Vehicle security will be increased via central locking and remote locking/unlocking capabilities.
12. STEERING WHEEL: Updated steering wheel designs with improved ergonomics will be utilized to enhance driver control.

13. SUSPENSION: Modern suspension components will be installed, with the option to raise the ride height by approximately 2-4 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.
14. WHEELS: Modern alloy wheels, ranging from 16 to 20 inches in diameter, will replace the original steel wheels.
15. TIRES: Larger, modern radial tires will replace the original bias-ply tires.

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.

Sincerely,



Aaron Richardet

Member