

RE: 1966 DODGE POWER WAGON

WORK COMPLETED TO DATE:

- Rebuilt the windshield frame, chromed it and replaced the glass with custom smoked glass
- Rebuilt the worn windshield regulator gear that manually opens the windshield
- Removed the original motor and transmission from the truck
- Cleaned and sanded the truck frame and undercarriage components where they were readily accessible – Painted the frame and undercarriage areas with POR 15 base coat and over coated with POR 15 "Chassis Coat"
- Located the new Cummins QSB 4.5 diesel motor on the frame
- Rebuilt the used Spicer 3053A transmission, including a custom overdrive gear designed to reduce the rpm at highway speeds
- Designed and fabricated custom brackets to accommodate the new motor and transmission
- Checked all electrical systems against specs and made repairs as needed to ensure that the battery, voltage regulator, starter, alternator, all lights, gauges, etc. would be fully functional and compatible with the new electronic motor
- Fabricated, raised and installed a new stainless steel floor in the cab to fit over the larger new motor, the larger transmission and the relocated transfer case
- Raised the seat 3" to accommodate the new one piece cab floor
- Designed and fabricated a new hydraulic power steering system to improve the the efficiency, ease and safety of driving the truck at highway speeds
- Purchased and installed a custom wiring harness to enable the electronic motor to connect and communicate with the original power wagon systems

- **Created new wiring harnesses for the old system connections**
- **Fabricated a new double loop brake system and installed a new master cylinder to provide a backup brake system in case the main system fails**
- **Upgraded the front and rear leaf springs to handle the extra weight of the new motor and to raise the body to overcome clearance issues**
- **Cleaned the radiator and re-cored it so that it could handle the larger cooling capacity needed for the larger motor**
- **Re-sized all drive shafts as needed to enable the relocated drive train components to connect and function properly**
- **Cleaned, inspected and re-lined the original gas tank**
- **Fabricated a new stainless steel battery box that will hold two heavy duty batteries**
- **Installed custom smoked glass in the side windows and side vents**