

*Pahrump Valley Fire-Rescue Service
HAZ MAT Pick-up Vehicle Specifications*

CHASSIS:

2008 Dodge Ram, Heavy Duty 3500, SLT-Off Road package, Quad Cab, Long Bed, 4 X 4, p-up truck.

ENGINE:

6.7 (350 HP) Cummings Diesel Engine w/ engine brake

MECHANICAL:

- Four Wheel Anti-lock brakes
- Automatic Transmission (6-speed)
- 3.73 Rear Axle Ratio
- Fuel Capacity 35 Gallons
- Towing Package (max GVW)
- Manual 4wd Selector
- Heavy Duty Suspension
- Hitch, w/ 7-PIN connector, high capacity, trailer tow package, electronic brake controller
- Air cleaner (largest air box / AFE remove silencer)& Transmission oil cooler

EXTERIOR: COLOR *Inferno Red Crystal Pearl*

- Chrome Bumpers
- Black colored, spray-in bed liner
- Full width diamond Plate toolbox with dual lid opening
- Deep Tinted Glass
- Warn winch, (w/ remote) mounted in the front bumper (10,000 lb.)
- Heavy Duty Aluminum Wheels for trailer towing
- Electric-Remote (heated) OSRV mirrors
- Tow Hooks
- Sliding rear window
- All Season Tires
- Full sized spare tire
- Front bumper driving lights
- Premium Side Steps

INTERIOR: *Color Gray*

- Front reclining High Back Bucket seats with center console removed for future electronics.
- AM/FM Stereo Clock & CD player
- Intermittent Windshield Wipers

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- Tilt Wheel and speed control
- Power windows and door locks
- Remote keyless entry

CONVERSION REQUIREMENTS

1. *Throttle Control:* An automatic electronic throttle control shall be mounted on the dash or console operating in park or neutral. The unit shall raise the idle automatically to maintain battery charge when the vehicle is left at idle at a scene.
2. *Back-up Alarm:* An automatic sound level adjusting back-up alarm shall be wired to the reverse circuit.
3. *Shore Line:*
 - 20 amp auto-eject – Auto eject receptacle shall be mounted on the driver’s side rear of the vehicle wired to eject when the key is in the “start” position. Included is an auto reset circuit breaker and one multi-outlet strip for equipment.
 - Shoreline warning light, interior – A warning light shall be mounted on the console or dash. It shall be activated when power is applied to the shore line.
 - Under Hood Line – A circuit breaker protected line shall be mounted under the hood for a future engine block heater (heater not required).
 - Battery Charger/Monitor – 30 amp taper charger and monitor shall be wired into the shore line to maintain all batteries while the shore line is attached (without overcharging).

INTERIOR and CABINetry:

1. *Console:* The console must be constructed of the finest and proven durable materials.
 - The front center console (between the front seats) shall be constructed of MDO grade plywood covered with a color coordinating counter grade laminate. It shall incorporate a cooling fan, vents, two (2) 12-volt power outlets and a flexible map light. A rear pocket shall be such that it holds (2) full-sized binders, a (department supplied) portable radio charger and have removable dividers.
 - Switching: An 8 switch panel using lifetime Carling circuit breaker switches for all standard functions. Two stage LED illumination shall be mounted behind custom replaceable file legends to identify the circuits. This system shall include a plug-in harness system with function coded GLX wiring. *A detailed drawing shall be provided prior to the build.*
 - The conversion shall utilize custom OEM factory style plugs and connectors. All wiring shall be GXL wire function coded every 4” and the harness system protected with high temperature loom. There are to be no splices of connectors within any harness and/or anywhere it passes through a wall, a snap ring grommet

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is included. An OEM factory plug in connectors shall be used where possible to avoid cutting and splicing into factory wiring.

FLASHLIGHT:

One Streamlight Flashlight with charging holder shall be mounted to the passenger side of the console.

OVERHEAD SPEAKER:

A Motorola radio speaker shall be mounted above the rear view mirror. **NO OVERHEAD LIGHTING IS TO BE REMOVED.**

EMERGENCY LIGHTING & EQUIPMENT

1. *Exterior Front Facing Light Bar:* 48" Whelen LFL Liberty Red/White LEDs w/ takedown halogen lights forward facing and Red/Blue (outboard) and amber traffic advisor (rear facing) mounted on the roof and wired to the console.

FRONT LIGHTING

1. *Headlight Flashers:* Alternating headlights wired to a switch on the console. Modification shall not interfere with day time running lights.
2. *Grille Lights:* Whelen 500 series LEDs mounted behind the front grill including flange and mounting bracket wired to the control switch in the console.
3. *Front Strobes:* Clear strobes mounted in the parking lights and two clear strobes mounted in the driving lights (bumper) shall be wired to the appropriate power supply. Four (4) strobes total. Each strobe shall be wired to an appropriate Whelen UPS 690 series power supply and controlled from a switch on the console.

SIDE and REAR LIGHTING

1. *Intersection Lights:* 4 Whelen TIR3's and chrome bezel intersection lights on the side of the front fenders and wired to a flasher and switch on the console.
RED/CLEAR
2. *Rear Strobes:* Clear strobes built into the brake lights, two strobes total
3. *Rear Floods:* There shall be two Whelen 500 series halogen flood lights recess mounted into the rear bumper. The lights shall operate while the truck is in reverse and with the momentary switch listed earlier.

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GRPAHICS

1. 3 M, High Reflective lettering and stripes for a p-up truck application. Details to be determined during the pre-build meeting.

SIREN and WARNING SYSTEMS

1. *Siren:* A Whelen HF-295 - 200 watt siren with hands free operation shall be mounted in the front control console and wired to the siren speakers in the front of the vehicle.
2. *Siren Speakers:* Two 100 Watt Whelen siren speakers shall be mounted in the front of the vehicle and wired to the siren in the console. Speakers shall not interfere with heating or cooling components. Speaker location to be determined at the pre-build meeting.

COMMUNICATION:

Install a customer supplied Motorola 1250 mobile radio.

Install customer supplied antenna for the Motorola 1250.

DELIVERY:

Flatbed Delivery to Pahrump, Nevada

BIDDER QUALIFICATIONS:

1. *Experience:* Bidder must be actively engaged in the manufacturing and sale of emergency vehicles. In addition, the bidder shall specialize in SUV/P-up conversions for a minimum of 10 continuous years. The manufacturer shall be represented by a factory direct sales person (full time employee). Part time and/or independent representatives representing multiple lines are not acceptable.
2. *References:* Bidder shall submit a list of 10 agencies that they have done business with building similar units in the past year.
3. *Warranties:* Bidder must provide warranties on the conversion and a comparable/applicable on the Dodge Chassis. This shall be considered a material part of the evaluation.
4. *Licenses:* Bidder shall be a licensed new car dealer and include a copy of their license with the bid.

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5. *Experience:* Bidder shall provide proof of product liability insurance in the amount of \$1,000,000. A copy of the insurance certificate shall be submitted with the bid