

## VEHICLE SPECIFICATIONS- Spill Response Program

**PURCHASE ORDER NO:**

**PC NO:**

**VENDOR:**

**ITEM: Ram, ½ Ton Special Service Vehicle (SSV) Pick-Up Truck, 4x4 Crew Cab, Short Box**

### **Chassis Specifications:**

- Color- Dark Green
- **Engine:** Gasoline or flex fuel (gasoline/E85) powered minimum V8 Engine. 355 HP minimum, 380 ft. lb. of torque minimum.
- **Anti Spin Rear Differential-** 3.55 Axle ratio
- **Factory speed control**
- **Front Tow Hooks**
- **Transmission:** Minimum 6 speed, Automatic Transmission
- **Factory Installed Air Conditioning**
- **Tinted Glass-** all windows
- **Tilt Steering Wheel**
- **AM/FM Radio**
- **Four Full-size Conventional doors**
- **Standard Short Box Equipped-** Factory installed spray in bed liner
- **Rear Cargo Lamp**
- **Two Auxiliary Power outlets including a 115V Aux power outlet**

- **Anti-lock Disc Brakes- All Wheels**
- **Alternator heavy duty service, 170 amp- Battery 730 CCA auxiliary or equivalent**
- **6,900 Gross vehicle weight rating (minimum)**
- **Fuel capacity minimum 26 gallons**
- **(5) On/Off Road Tires- with spare tire carrier winch or equivalent**
- **Folding 3 person rear seat**
- **Electronically shifted four wheel drive transfer case**
- **Class IV platform trailer hitch with 2" receiver**
- **7 wire trailer plug with flat pins**
- **Factory installed trailer brake control**
- **Transfer case skid plate**
- **Heavy duty transmission cooler**
- **Heavy duty engine oil cooler**
- **Halogen headlamps**
- **Heated fold away trailer tow mirrors**
- **Power windows and power door locks with minimum of 2 key FOBs for remote access plus 3 standard keys**
- **Rear window defroster**
- **Rear back up camera with automatic dimming rear view mirror or equivalent**
- **Engine Hour/ Engine idle hour meter**

### **Required Options:**

- 17" painted Aluminum or alloy wheels or equivalent
- front cloth 40/20/40 bench seat
- carpeted flooring( Popular equipment Group)
- **Factory warranty-base Chassis 3 years or 36,000 miles whichever occurs first, power train (Engine, Transmission, transfer case, front and rear axles) 5 year or 100,000 miles whichever occurs first**

### **Emergency Lighting Specifications:**

- **3 year parts and labor warranty with travel to vehicle location for repair, minimum.**
- **Full and Complete wiring diagram of ALL emergency wiring circuits to be delivered with each vehicle (Delivery will not be accepted without it).**
- **Lighting Color Guidelines- Rear facing lighting allows Red or Amber, Side facing lighting allows Red or Amber. Forward facing lighting allows Red or Amber. With exception of STEADY burn forward facing clear take-down LEDs, clear side facing Alley lights and flashing headlights.**
- **Uniform wiring of ALL vehicles with ALL circuits (No variations from vehicle to vehicle of colors, size, or location of the same circuit).**
- **All wire connections outside the cabin to be weather proof sealed connectors and/or adhesive lined shrink terminals with environmental protective spray applied.**
- **All crimp connections to be "Perma-Seal" brand products throughout the entire vehicle with all connections tested for proper crimp and completely shrunk.**
- **All wired circuits to be descending in wire size from supply to load (no smaller wires feeding larger wired circuits).**
- **All grounds to be located in vehicle cabin for emergency lighting.**
- **All screw post terminal positions to be connected via ring terminals. No multi-terminals or stacked terminals per post (use of distribution blocks is suggested).**

- **No powered amplifier units of any kind to be located beneath vehicle flooring.**
- **All non-factory hardware to be Stainless Steel.**
- **All points in which wires pass through sheet metal holes are to be deburred and fitted with a dedicated rubber grommet to prevent chaffing. Remaining gaps are to be sealed.**
- **Throughout the entire vehicle abrasion resistant wire loom is to be used in all places where wire chaffing is possible. All emergency wiring outside the cabin is to be protected by abrasion resistant wire loom.**
- **Red/White Auxiliary Dome lamp.**
- **MNSTAR Model # SO-DEC15 equally fused harness to connect all auxiliary Non-OEM emergency lighting and sirens.**
- **Factory installed vehicle system interface modules. Integrated in the factory wiring system with four separate factory wiring harness pigtails (two B+ supply circuits & two run/acc. positive supply circuits). Truck to be delivered with flashing headlights and taillights via manufacturer integrated wiring system using factory lighting, to be triggered with individual wire circuits. All triggering and powered wires to end at the floor below the center of the dashboard with 24 inches of excess wire spooled.**
- **Whelen Engineering- #295SLSA6 siren/lighting control mounted in auxiliary console or provided tower tree and wired to control all emergency lighting in merchant specified arrangement.**
- **Whelen Engineering- #SA315 siren speaker shall be permanently mounted behind grille with appropriate mounting bracket.**
- **Whelen Engineering- #VTX609K Split Red/Amber Vertex LED shall be permanently mounted into rear tail lamps, two per side. All hide-away light heads to be additionally sealed with "Permatex Ultra-Black" Gasket Maker Sealant.**
- **Whelen Engineering Liberty II (IX, Low Current) Series 54" inch Light bar (Color and Pattern to be decided on by purchaser) permanently mounted to the roof, centered between the front and rear doors via manufacturer specific strap mounts with minimum of three fasteners per side.**

- **Havis C-AS-840-11 Console to be installed between the dash and the center front seat with direct fit mounting plates corresponding to the appropriate siren/lighting control and two way two way radio to be used. Additionally a diagonal vibration support brace is to be added attaching from the console to the center seat base bracket on the passenger side.**
- **Install wiring for Kenwood TK-790HBK Mobile Radio – Kenwood Part # KCT-22M2 or Leonard Part # 10351 (Remote Control Cable 17' Standard for 90 Series) routed to Siren/Switch box location at the console with 24 inches of excess protruding. Kenwood Part # KCT-23M4 (2 power & 2 ground wires) or Leonard Part # 10387 (DC Cable 75/110 Remote Mount for 90 Series) to be connected to provided MNSTAR circuit with 24 inches of excess located below the center of the rear bench seat.**
- **Install antenna mount and wiring-**
  - STI-CO Industries Inc. Part No. ROOF-FT-NITI
  - Mounting Option: Roof mount
  - Connector: One PL-259 UHF Male
  - Antenna cable and mast are not to be altered in length
- **Care should be taken to not damage the communication cable seal during installation**

## **Other Requirements:**

### **Outfitting:**

Installers must have a minimum of 3 years experience performing the installation of aftermarket emergency automotive equipment. The parameters above for installation are clearly stated and must be followed. The factory wiring harness **IS NOT to be compromised** in any fashion that will void factory warranty. Only supplied connections of the SSV package wire harness will be used and **only** for its intended use. Any deviation must be approved by DEC Technical staff.

**Upon completion of the first vehicle, all involved panels interior or otherwise are to be left uncovered so that DEC staff may inspect wiring of all circuits for defect and or deviation.**

Upon approval of the first vehicle that unit is to be left at the facility for reference to aid in the production of the remaining vehicles and not delivered until all others have been completed and delivered.