



MAINTAINER CUSTOM BODIES

PROPOSAL

BARSTOW FIRE DEPARTMENT SQUAD

Quote: 19-144rev1
Date: 3/27/2019

BUILD SPECIFICATIONS

MAINTAINER CUSTOM BODIES SPECIFICATION NINE FOOT (9') SUPER SQUAD RESPONDER BODY

BODY DESIGN: Modular design, re-mountable, strength independent of chassis

BODY MATERIALS: All aluminum construction

CORROSION PROTECTION: Electrolysis Corrosion Kontrol (ECK) to prevent dissimilar metal corrosion

BODY SUPER-STRUCTURE: Welded square aluminum tubing and custom extrusions includes lower body side impact rail, interior and exterior sheeting .125 aluminum

BODY FLOOR CONSTRUCTION: Welded aluminum tubing with full-length 5.0" "C" channel for chassis mounting, 0.188" aluminum floor

UNDERCOATING: PPG Corashield P8001 automotive undercoating

BODY MOUNTING: Minimum (6) locations, attaches floor sub-structure flat-bar to chassis frame, include neoprene pad for isolation

BODY FRONT SHEETING: Smooth aluminum, painted job color

STONE GUARDS: Front body face/corners, aluminum diamond plate protective guards

BODY REAR SHEETING: Smooth aluminum sheeting, painted job color

BODY CORNERS, EXTRUDED: Radius (2.44") custom aluminum extrusion, weld to wall and roof structure

APPARATUS BODY PAINT FINISH: PPG high solids urethane, base coat/clear coat

BODY ROOF SHEETING: Aluminum diamond plate

REFLECTIVE STRIPE: 1"- 4"-1" white "Scotchlite" stripe installed chassis & body length

REAR BODY CHEVRONS: "Diamond Grade" Chevron reflective striping, minimum 50% rear body panel

RUB RAILS: Interior impact rail with exterior polished aluminum rub rail, black Scotchlite reflective striping in rub rail recess, FMVSS reflectors

DRIP RAILS: Polished aluminum rain gutters installed over compartment doors

REAR WHEEL FENDERETTES: Polished stainless steel



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COMPARTMENT CONSTRUCTION:

All side body storage compartments are to be identical in design & dimension. Compartments shall have a clear opening of 29" H x 28 1/8" W x 18" D with hinged doors.

Rear storage compartment shall have a clear opening of 29" H x 34 1/8" W x 101" D.

All compartment walls shall be covered with .125" aluminum sheet. The body compartments shall be fully enclosed, all seams fully sealed, with Zolatone finish. Wiring channels shall be provided where necessary and these shall be bolted into place for ease of access. Compartments to have stainless steel door sills.

COMPARTMENT DOOR CONSTRUCTION: Swing door of .125" aluminum sheeting, stainless steel hinge, weather-stripping, 18-ga brushed stainless interior panel, pneumatic struts to hold door open 90+ degrees. Rear compartment door to open minimum 150-degrees and secure to rear exterior wall to enable complete access to slide-out tray

ELECTRIC COMPARTMENT DOOR LATCH, COMPARTMENT L1: TriMark 030-1450 series handle latch and power actuator enabled via cab console switch

ADJUSTABLE SHELF CHANNEL: Uni-Strut channel for adjustable shelving and trays, each compartment

COMPARTMENT LAYOUT:

Each side body compartment to include one (1) vertically adjustable shelf .188" DA finish aluminum, with a 1.5" lip. Rear compartment to include slide-out tray fabricated from 1.88" DA finished aluminum, with a 1.5" lip, mounted on 1,000-pound capacity SlideMaster slides with IMS push/pull red ball latch. Tray to include a full-length vertical divider and Dri-Dek matting.

Note: RR1 Compartment: Rear Tray vertical divider to be of peg-board material for department tool mounting. Vertical divider to extend from the forward portion of the tray and extend rearward and ending, leaving 36" of clear space at rear portion of tray. Rear tray (RR1) to have a 3" lip, drain holes. Tool board to be mounted in middle of tray with gussets (not adjustable).

PreCon Note: Remove shelf from compartment – ship loose. Mount two (2) 3/16" plates to Unistrut, one (1) each side wall to be used for SCBA mounting by customer.

ELECTRICAL SYSTEM: Weldon Electrical Multiplex System with Carling rocker-type switches. Protected environment for electrical system

BATTERY CONTROL SYSTEM, IGNITION SWITCH: Battery master control through chassis ignition switch, 200-amp solenoid, constant duty

BATTERY CHARGER: Kussmaul Auto Charge Low Profile LPC 20 Series, digital display

KUSSMAUL 120-VOLT SUPER AUTO EJECT: Kussmaul 20-amp, automatic shoreline disconnect, NEMA 5-20P male receptacle to auto eject with chassis starter

COMPARTMENT STRIP LIGHTING: Maxima MLS Series LED strip lighting, both sides, auto w/door open

"DOOR OPEN" WARNING LIGHT: Weldon 1500 Series red LED warning light at console

ELECTRONIC SIREN: Whelen Siren amplifier model # 295SLSA1

SPEAKER SYSTEM: CPI 3800 Series siren speaker, front bumper recessed, 100-watt, polished aluminum



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FRONT LIGHT BAR: Whelen Liberty II Series IG2RRRR lightbar. Per configuration sent, add LED Alley Lights, add LED front take-down lights.

FRONT LOWER WARNING LIGHTS: Whelen M2RC series Super LED lights, grille mounted, chrome bezels, red LED with clear lens

Note: Two (2) lights. Steady burn red one (1) lower warning light – driver's side.

SIDE UPPER WARNING LIGHTS: Whelen M7 series Super LED upper warning lights with chrome bezels, two (2) each body side
Red LED with clear lens.

SIDE LOWER WARNING LIGHTS: Whelen M2RC series Super LED lower warning light, chrome bezels, two (2) each side of apparatus, red LED with clear lens

REAR UPPER WARNING LIGHTS: Whelen M7 series Super LED rear upper warning lights, chrome bezels, two (2) upper corners
Red LED with clear lens.

UPPER BODY SCENE LIGHTS: Whelen M7 LED series clear scene lights, chrome bezels, two (2) each side of body

REAR BODY SCENE LIGHTS: Whelen M7 LED series clear scene lights, chrome bezels, two (2) each side of body, auto-ON when transmission placed in reverse

TRAFFIC ADVISOR LIGHT BAR: Whelen Traffic Advisor 36" model TAL65 , control at cab console

REAR TURN SIGNAL, BACK-UP AND BRAKE LIGHTS: Whelen M6 series LED four (4) light cluster, with M6RC lower warning light, with chrome cast surround

LED CLEARANCE LIGHTS: Weldon 1500 Series LED marker lamps, stainless steel brush guards

LED UNDERBODY LIGHTS: TecNiq Series E10 LED under-body lights, stainless steel brackets, two (2) each side, (2) at rear to provide lighting on the ground when tray is deployed

Note: Six (6) lights to be installed.

LICENSE PLATE BRACKET WITH LIGHT: Recessed, at rear body, dual upper lights

CHASSIS RELATED ACCESSORIES

CAB CONTROL CONSOLE: Between chassis bucket seats, aluminum, removable top cover plate, all required light and warning controls, map/binder storage, two (2) cup holders, Zolatone coating

Note: Radios to be installed by customer. Add extra reinforcement on front passenger side of console for laptop mount to be installed by customer. Console to have 14 switches if lightbar options for alley lights and forward take-down lights are selected. Only one (1) map/binder storage compartment.

PRE-WIRED ANTENNA CABLES: Two (2) RG58U coax cables pre-wired, chassis roof to cab console

USB PORT, DUAL, KUSSMAUL: Kussmaul Dual USB charging port installed in cab console

REAR BUMPER: Full width of body, aluminum diamond plate, extends 5" from body



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LICENSE PLATE HOLDER: Cast Products recessed license plate holder with two (2) upper lights

RUNNING BOARDS:

Aluminum diamond plate running boards shall be installed on the unit beneath the cab doors on both sides of the chassis.

CAB STEP LIGHTS: Whelen 0S Series LED step lights

Note: Four (4) lights to be installed.

FUEL FILL DOOR: Flush mounted fuel filler guard with hinged door

DEF FILL DOOR:

A flush mounted fuel filler guard with a hinged door shall be installed over the diesel exhaust fluid fill. The opening shall be labeled with a permanently attached label

BACK-UP CAMERA: Nagy camera system, 7" color monitor, camera at upper curb side corner of body

BACK-UP ALARM: Federal Signal Evacuator electronic back-up alarm

MUD FLAPS - REAR: Black rubber mud flaps installed at rear wheels

NFPA LABELS: Per NFPA requirements

CHASSIS:

2019 Ford F350 SRW 4x4 Super Cab XL, 168" Wheelbase

6.7L Power Stroke Turbo V8 Diesel

TorqShift 6-Speed Automatic Transmission

4x4 Electronic Shift on the Fly

GVWR: 11,300lbs

Tires: LT275/65Rx18E BSW AS Tires

Heavy-Duty Alternator, 240-Amp

26.5 Gallon Midship Fuel Tank

XL Package w/Chrome Grille and Bumper

18" Polished Aluminum Wheels

Power Windows & Locks, Remote Keyless Entry

Driver and Passenger Power Remote Heated Folding Mirrors

Platform Running Boards with OEM Front Mud Flaps

Steering Wheel Mounted Cruise Control

Engineering Approved	Date
Commercial Approved	Date



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Customer Approved

Date