



MAINTAINER CUSTOM BODIES

PROPOSAL

MCB SUPER SQUAD

Date: 02/07/2019

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: Four-inch (4") 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 21 1/8" D with hinged doors.

Rear storage compartment shall have a clear opening of 29" H x 28 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 180-degrees and secure to rear exterior wall to enable complete access to slide-out tray

ELECTRIC COMPARTMENT DOOR LATCH: TriMark 030-1450 series handle latches, power actuators 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.

ELECTRICAL SYSTEM: Weldon Electrical 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

FRONT LIGHT BAR: Whelen Liberty 2 SOLO 54", Model IX2 light bar

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



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

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

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 TAL85, control at cab console

REAR TURN SIGNAL, BACK-UP AND BRAKE LIGHTS: Whelen M6 series LED three (3) light cluster 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

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

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

CAB STEP LIGHTS: Whelen 0S Series LED step lights

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

BACK-UP CAMERA: Nagy back-up camera system, 7" color monitor

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



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CHASSIS:

2019 Ford F350 SRW 4x4 Super Cab XL, 168" Wheelbase
6.2L SOHC V8 Flex Fuel Gasoline Engine
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
XL Package w/Chrome Grille and Bumper
18" Argent Steel Wheels
Power Windows & Locks, Remote Keyless Entry
Driver and Passenger Power Remote Heated Folding Mirrors
Platform Running Boards
Steering Wheel Mounted Cruise Control