



# MAINTAINER CUSTOM BODIES

## PROPOSAL

Stock Super Squad 207358

Date: 04/06/2020

### BUILD SPECIFICATIONS

#### MAINTAINER CUSTOM BODIES SPECIFICATION NEW ALL-ALUMINUM 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

**BODY FLOOR CONSTRUCTION:** Welded aluminum tubing with full-length 5.0" "C" channel for chassis mounting, 0.188" aluminum floor, 0.90" aluminum belly-pan

**UNDERCOATING:** PPG Corashield P8001 automotive undercoating

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

**BODY FRONT SHEETING:** .125" smooth aluminum, painted job color

**STONE GUARDS:** Front body corners, .125" aluminum diamond plate protective guards, 24" upwards from body base

**BODY REAR SHEETING:** 125" smooth aluminum sheeting, painted job color

**BODY CORNERS, EXTRUDED:** Radiused (2.44") custom aluminum extrusion, welded to the wall and roof structure

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

**BODY ROOF SHEETING:** .125" aluminum diamond plate

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

**REFLECTIVE STRIPE:** Four-inch (4") white "Scotchlite" stripe installed chassis & body length

**RUB RAILS:** Two (2) part impact and polished aluminum rub rail, black Scotchlite reflective striping in rub rail recess, FMVSS reflectors

**DRIP RAILS:** Polished aluminum rain gutters installed over compartment doors

**WHEEL WELL LINERS:** Welded aluminum inner liners provided at rear wheel wells

**REAR WHEEL FENDERETTES:** Polished stainless steel



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#### COMPARTMENTATION

**COMPARTMENT CONSTRUCTION:** Compartments to be sweep-out design with stainless steel door sills. 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 to have light gray Zolatone finish with all seams sealed

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

**COMPARTMENT LAYOUT:** Each side body compartment to include one (1) vertically adjustable shelf of .188" sanded finish aluminum with 1 1/2" lip. Rear compartment to include slide-out tray fabricated from 1.88" sanded finish aluminum with a 1 1/2" lip and mounted on 1,000-pound capacity SlideMaster slides with IMS push/pull red ball latch

**COMPARTMENT DOOR CONSTRUCTION:** Swing door of .125" aluminum sheeting, stainless steel hinge, weather-stripping, 18-ga brushed stainless interior panel, pneumatic strut to hold door open 90+ degrees. Rear compartment door to open approximately 150-degrees for complete access to slide-out tray. Door to secure in the open position by plunger and rubber socket to rear body exterior wall.

**ELECTRIC COMPARTMENT DOOR LATCH:** TriMark 030-1450 series handle latches, power actuators enabled via a cab console switch

#### ELECTRICAL/WARNING SYSTEMS

**ELECTRICAL SYSTEM:** Class 1 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 dis-connect, NEMA 5-20P male receptacle to auto eject with chassis starter, located street-side forward lower skirt

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

**"DOOR OPEN" WARNING LIGHT:** Federal Signal COM1MC-R 4-LED red warning light at console

**ELECTRONIC SIREN:** One (1) Federal Signal, model PF200 siren/light controller with 100/200 watts output. Siren control to include selectable siren tones with P/A and noise-canceling microphone

**SPEAKER SYSTEM:** Federal DynaMax ES100C speaker installed behind the front bumper

**FRONT LIGHT BAR:** Federal Signal Allegiant Serial LED 53" light bar with red/white lights shall be installed on the vehicle



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**FRONT LOWER WARNING LIGHTS:** Federal Signal MPS1220U-RW LED lights, grille mounted, chrome bezels, red/white LED light with clear lens

**SIDE UPPER WARNING LIGHTS:** Federal Signal FR7C-R FireRay LED series upper warning lights with chrome bezels, two (2) each body side, red LED light with clear lens

**SIDE LOWER WARNING LIGHTS:** Federal Signal MicroPulse MPS1220U-RW LED lights, chrome bezels, two (2) each side of apparatus, red/white LED light with clear lens

**REAR UPPER WARNING LIGHTS:** Federal Signal FR7C-R FireRay series LED lights, chrome bezels, one (1) each rear upper body corner, red LED light with clear lens

**SIDE BODY SCENE LIGHTS:** Federal Signal FR7 FireRay LED lights, chrome bezels, two (2) each upper body side

**REAR BODY SCENE LIGHTS:** Federal Signal FR7 FireRay LED lights, chrome bezels, one (1) each upper rear body corner

**TRAFFIC DIRECTING LIGHT BAR:** Federal Signal CN Signal Master 31" traffic directing light bar, model CNSM8R-2654044, control at cab console

**REAR TURN SIGNAL, BACK-UP, BRAKE, AND WARNING LIGHTS:** Federal Signal FireRay FR6 LED lights, four (4) light cluster mounted in chrome housing

**REVERSE ACTIVATED REAR SCENE LIGHTS:** The rear scene lights to automatically activate whenever the apparatus transmission is in reverse mode

**LED CLEARANCE LIGHTS:** Federal Signal COM1M 4-light LED, eight (8) red and two (2) amber, per ICC, FMVSS regulations.

**LED UNDERBODY LIGHTS:** TecNiq Series E10 LED under-body lights, stainless steel brackets, two (2) each side

**LICENSE PLATE BRACKET, REAR:** Cast Products recessed aluminum license plate holder with lighting

### CHASSIS RELATED ACCESSORIES

**CAB CONTROL CONSOLE:** Between chassis bucket seats, .125" aluminum, removable top cover plate, all required light and warning controls, single map/binder storage pocket, two (2) cup holders, Zolatone coating

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

**DUAL USB PORT:** Kussmaul Dual USB charging port, LED indicator, console installed

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

**CAB STEP LIGHTS:** Federal Signal COM145LC-W white LED step light at each cab door, activates with parking lights and Park position

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



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**FUEL FILL DOOR (GASOLINE):** Flush mounted fuel filler guard with a hinged door, labeled

**TOW EYES, REAR:** There shall be two (2) tow eyes mounted directly to the rear chassis framework

**TIRE PRESSURE MONITORING DEVICES:** LED tire pressure alert management system (Vecsafe equal)

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

**WARNING LABELS AND INFORMATION PLATES:** Innovative Control labels to per NFPA requirements

### DELIVERY REQUIREMENTS:

**VEHICLE ROAD AND SYSTEMS INTEGRITY TESTING:** A complete and thorough road test and systems integrity test shall be conducted at the time of vehicle completion, and prior to delivery.

**MANUALS:** Sub-system component manuals to be provided at delivery

### 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 Bumper

18" Aluminum Wheels

Power Windows & Locks, Remote Keyless Entry

Driver and Passenger Power Remote Heated Folding Mirrors

Steering Wheel Mounted Cruise Control

Race Red