

SPECIFICATION, JEA CLASS 122+ 4X4 ONE TON CREW CAB SRW UTILITY BODY
UPDATED JULY 2024

1. SCOPE

It is the intent of the JEA to purchase multiple One Ton Diesel and Crew Cab SRW 4X4 Trucks with Steel and/or Composite Utility Body with various configurations, up-fits and options. All units must be tested and delivered to the JEA Fleet Facility (5717 New Kings Road Jacksonville, Florida 32209) in complete operational condition, with all required equipment and documentation by the date specified per awarded contract.

2. MODEL:

New current model year production One Ton Crew Cab SRW 4X4 Trucks with Steel and or Composite Utility Body (Ford F-350 Supercab or Equivalent, DSL and UNL). Reference JEA In-Service Units for layout and option details.



3. CHASSIS

- 3.1 Base Curb Weight: not to exceed 7700 lbs.
- 3.2 Wheel Base: Between 170" and 180" to accommodate the following:
 - Composite: BRAND FX MODEL 56LS 8' utility body or equal.
 - Steel: Knapheide steel 8' utility body or equal.
- 3.3 Height: not to exceed 95".
- 3.4 Length: not to exceed 275".
- 3.5 Width Including Mirrors: not to exceed 98".
- 3.6 Minimum Ground Clearance: 8".

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3.7 Minimum Seating Capacity: Six (6). Include front seat collapsible center console option with storage and minimum 2 cup holders.

3.8 Pay Load: Minimum 3500 lbs.

4. ENGINE

4.1 Horse Power:

- UNL: Minimum 350 HP.
- Diesel: Minimum 330 HP.

4.2 Torque:

- UNL: Minimum 385 lbs.
- Diesel: Minimum 750 lbs.

4.3 No Automatic Idle Shutdown.

4.4 Fuel:

- DIESEL: B20 Biodiesel Capable
- UNL: E85/UNL Capable if available

5. TRANSMISSION (WITH PTO and ELECTRONIC SELECTOR 4X4)

5.1 Six (6) or Ten (10) Speed Automatic.

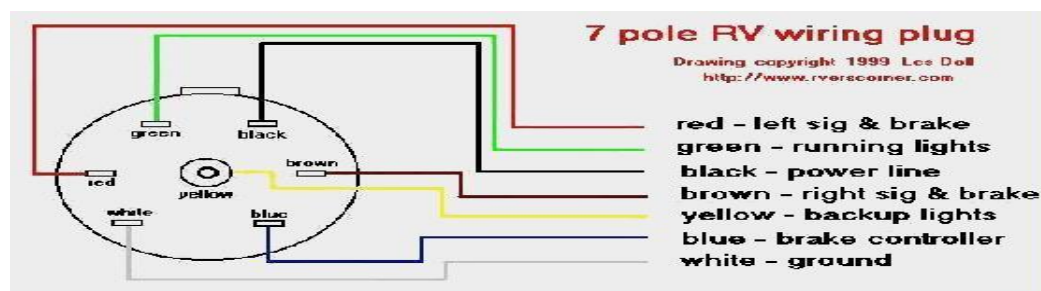
5.2 PTO Provision.

6. TOWING

6.1 **Class-5** towing package with pintle / ball (2 5/16") combination insert (Curt # C45908). Minimum towing / ball capacity of 16,000 lbs.



6.2 OEM 7 Pin RV Trailer Plug and 7 Pin Round Trailer Plug (JEA Standard). Both plugs are required on all units.



6.3 Minimum max loaded trailer weight 11,500 lbs.

6.4 OEM integrated brake controller.

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7. DIFFERENTIALS

7.1 Limited slip or lockable.

8. WHEELS / TIRES

8.1 Wheels: Minimum 17" X 8" OEM Standard Steel or Aluminum.

8.2 Tires: All Terrain Tread. Largest tire allowable per OEM that will not rub while turning or negotiating uneven terrain.

8.3 Lug Nut Indicators (if applicable)

9. BRAKES

9.1 Four wheel disc brakes.

9.2 Anti-Lock brake system (ABS).

10. FUEL TANK

10.1 Minimum 30 gallon useable fuel capacity.

11. CHASSIS ELECTRICAL AND LIGHTING (NO SCOTCH LOCK CONNECTIONS)

NOTE: WIRE ALL LED STROBE LIGHTS TO ONE OEM UP-FITTER SWITCH IN CAB with Label. WIRE ALL UTILITY BIN and TOOL BOX LED ROPE LIGHTING TO ONE OEM UP-FITTER SWITCH IN CAB with Label.

11.1 Meters (In Cab / Dash Mounted): hour meter, mileage, engine oil pressure, engine temperature, charging system, fuel level etc.

11.2 Blue Sea Systems or equivalent Auxiliary Accessory Split Fuse Block (section B "constant hot" wired to a waterproof resettable circuit breaker). All connections made by the vendor must be labeled (with a label maker or equivalent) on the outside of the protective cover. Wire the top section as a common ground, Section "A" as "ignition hot" and Section "B" as "constant hot". Must leave at least six (6) positions open in the "common ground" section, three (3) positions open in ignition hot (Section A) and three (3) positions open in constant hot (section B). The purpose for leaving these positions open is for JEA internal installations such as: wiring for GPS, fuel rings, JEA Radio, DC accessory power outlets, etc. Example is listed below including picture:

Blue Sea Systems ST Blade Split Bus ATO/ATC Fuse Blocks Model #5032
& Blue Sea Circuit Breaker (285 Series)

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NOTE: DO NOT WIRE ANY ACCESSORY INTO THE FACTORY FUSE PANEL. WIRING ACCESSORIES INTO FACTORY UPFITTER SWITCHES IS ACCEPTABLE.

- 11.3 All Cab / Chassis Lights: LED only.
 - LED Headlights required only if available OEM
- 11.4 Corner Mounted LED Strobe Lights: Four count, one on each corner. (Whelen T-IONS Model # TL12F)
- 11.5 DC Accessory Power Outlets: One additional DC power outlets in cab for accessories with spring-loaded cover. See example below: NAPA Part # BK 7821773 or equal. Wire to the Auxiliary Accessory Fuse BLOCK



- 11.6 Power Package: Power windows, locks, mirrors (Heated), cruise control and tilt wheel.
- 11.7 Factory installed air conditioner and heater.
- 11.8 Front parking sensors, blind spot monitoring, back up sensors and backup alarm.
- 11.9 OEM AM / FM Stereo with auxiliary input, backup camera, and Bluetooth hands free. Units must meet FMVSS111 Requirements.
- 11.10 Whelen Justice DUO RX WeCanX® (RX2FFFF 56.25" DUO Color, amber/white) Series Strobe Light or equivalent. Hard mount and wire to the BACK RACK MODEL BRK15004 Headache Rack with the BACK RACK LIGHT BAR BRACKETS # 91006. No exposed wires. Must include a controller (Core-C Controller CCP9, CEM-8 Expansion Module) with the following functions:
 - Alley Lights (Isolated and Independent of strobes)
 - Take Down Lights (Isolated and Independent of strobes)
 - Front Strobe Pattern
 - Rear Strobe Pattern
 - Front/Rear Strobe Pattern
 - Rear Arrow Patterns (Right and or Left)

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- 11.11 Remote Controlled Spot Light: Model # 20074, Radioray LED or equivalent. Hard wire and mount to the Whelen Justice DUO RX WeCanX® Light Bar. No exposed wires. Use Bracelet Star Go Light Mounting Bracket, 120-39GB. It also requires (2) Whelen Light Bar Locking Plates, 07-742925-000. Install to the side of the light bar to minimize light blockage.
- 11.12 1500 Watt Pure Sign Wave Power Inverter (Samlex or equivalent) wired to ignition on ONLY (key hot function): Mounted inside RF bin to roof.
- 11.13 LED Bin Lighting: All utility bins and tool boxes.
- 11.14 LED Area/Ground Lighting: Drivers side, passenger's side and rear of vehicle.
- 11.15 OEM UP-FITTER Switches.

12. ADDITIONAL REQUIRED EQUIPMENT

- 12.1 Window Tint: driver, passenger & rear windows (Max Legal in FL).
- 12.2 Spray In Bed Liner: bed, tail gate and inside aluminum tool boxes (LINE X or equal).
- 12.3 Running Boards: Driver's side and passenger's side.
- 12.4 Collapsible Cone Holder (JEA Standard / Template): Mounted centered / front bumper



- 12.5 BACK RACK MODEL BRK15004 Headache Rack with BACK RACK Strobe Light Mount Brackets or equivalent (Mount Whelen Justice DUO RX WeCanX® Light Bar)
- 12.6 Seat Belts: Fluorescent Green or Orange



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12.7 Tow/Recovery Hooks: Front.

12.8 Masterlock System to Operate from Rear of Body.

13. COLOR/GRAPHICS

13.1 White exterior.

13.2 Delete all vendor and manufacturer identification decals except required safety & reference identification tags, decals, data plates & placards.

14. MANUALS, VIDEOS, KEYS & OPERATOR ORIENTATION

14.1 One (1) Set of operator manuals (Hard Copy) per unit.

14.2 Provide maximum number of programable key fobs not to exceed five (5) fobs. Include five (5) sets of keys for attachments, bins and tool boxes. Key all bins and tool boxes alike. Stamp/Engrave JEA provided 5 digit unit number on all keys.

14.3 One (1) on-site JEA Operator Orientation Class (Complete Unit: Chassis and Attachments).

14.4 One (1) on-site JEA Maintenance Orientation Class (Complete Unit: Chassis and Attachments).

15. WARRANTY

15.1 Minimum 3 Year / 36,000 Mile warranty and all standard manufacturer warranties including component warranties.

15.2 Warranty period starts when units received at JEA Fleet Facility, Inspected and Accepted.

16. OTHER REQUIREMENTS

16.1 Purchase and Install Yellow City License Plates.

16.2 Install JEA provided decals.

- Ensure the JEA Branding (decals) do not interfere with the sensors on the vehicle.

16.3 Install JEA provided safety equipment: Purple-K fire extinguisher (5 LB), first aid kit and key safe.

16.4 Current DOT Inspection / Certification with decal installed lower left inside corner of windshield. Include current date, current hours, next service due date and next service due hours.

16.5 Include a paper copy specification / build sheet in all units including key codes.

16.6 Must include/document the VIN number, make, model, description, JEA PO # and JEA provided 5 digit unit # on all invoices.

16.7 Awarded vendor must complete and submit the JEA provided Vehicle and Equipment Attribute Data Spreadsheet.

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16.8 Reflective roadside triangle warning/hazard kit.

OPTION A: GENERAL SPECIFICATION SECTIONS 1 through SECTIONS 16 AND THE FOLLOWING

- 50 Gallon Water Tank, 4.5 GPM Pump Package (JM-2900 GAS JET or Equal), 4.5 GPM Electric Lift Pump, Retractable Reel, Fill Hose, Expanded Aluminum Pump Guard and all Brackets and Hardware.



- BRAND FX 56LS 8' COMPOSITE UTILITY BODY with aluminum bumper and tailgate.
- Aluminum Wash Tank: Mount right rear above the rear bumper.
- Aluminum Full Circle Water Keg Holder: Mount right rear top of utility body.
- 72" Long X 15" Tall X 15" DEEP aluminum bin with dual doors hinged on top side with hydraulic openers.
- 72" Long Meter Rack with Integrated 18" Long X 12" Deep expanded aluminum bin.
- Aluminum Shovel Racks: 2 count. Mount one on PS and one on DS inside the utility bed.
- Vise: Mount to DS rear bumper.
- Flex Steps and Grab Handles on rear bumper / utility body.

OPTION B: GENERAL SPECIFICATION SECTIONS 1 through SECTIONS 16 AND THE FOLLOWING

- CAMLOCKER BED BIN: Mount inside utility bed against front bulkhead and elevated so lid is even with the top of the Utility Body.
- Knapheide Steel 8' UTILITY BODY with bumper and tail gate.
- Aluminum Wash Tank: Mount right rear above the rear bumper.
- Aluminum Full Circle Water Keg Holder: Mount right rear top of utility body.
- 72" Long X 15" Tall X 15" DEEP aluminum bin with dual doors hinged on top side with hydraulic openers.
- 72" Long Meter Rack with Integrated 18" Long X 12" Deep expanded aluminum bin.

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- Aluminum Shovel Racks: 2 count. Mount one on PS and one on DS inside the utility bed.
- Vise: Mount to DS rear bumper.
- Flex Steps and Grab Handles on rear bumper / utility body.

OPTION C: GENERAL SPECIFICATION SECTIONS 1 through SECTIONS 16 AND THE FOLLOWING

- CAMLOCKER BED BIN: Mount inside utility bed against front bulkhead and elevated so lid is even with the top of the Utility Body.
- BRAND FX 56LS 8' COMPOSITE UTILITY BODY with aluminum bumper and tailgate.
- Aluminum Wash Tank: Mount right rear above the rear bumper.
- 72" Long X 15" Tall X 15" DEEP aluminum bin with dual doors hinged on top side with hydraulic openers.
- Vise: Mount to DS rear bumper.
- Flex Steps and Grab Handles on rear bumper / utility body.

OPTION D: GENERAL SPECIFICATION SECTIONS 1 through SECTIONS 16 AND THE FOLLOWING

- BRAND FX 56LS 8' COMPOSITE UTILITY BODY with aluminum bumper and tailgate.
- Aluminum Wash Tank: Mount right rear above the rear bumper.
- 4" PVC Storage Pipe: 6'4" Long. (2) Count with permanent cap on one end and an accessible lockable weatherproof cap/lid on the other end. Mounting Location TBD.
- Flex Steps and Grab Handles on rear bumper / utility body.

OPTION E: GENERAL SPECIFICATION SECTIONS 1 through SECTIONS 16 AND THE FOLLOWING

- BRAND FX 56LS 8' COMPOSITE UTILITY BODY with aluminum bumper and tailgate.
- Flex Steps and Grab Handles on rear bumper / utility body.

OPTION F: GENERAL SPECIFICATION SECTIONS 1 through SECTIONS 16 AND THE FOLLOWING

- CAMLOCKER BED BIN: Mount inside utility bed against front bulkhead and elevated so lid is even with the top of the Utility Body.
- Knapheide Steal 8' UTILITY BODY with bumper and tail gate
- 4" PVC Storage Pipe: 8' Long. (2) Count with permanent cap on one end and an accessible lockable weatherproof cap/lid facing the rear mounted on top of driver side bin
- Aluminum Wash Tank: Mount right rear above the rear bumper
- Vise: Mount to DS rear bumper
- Flex Steps and Grab Handles on rear bumper / utility body

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- Ladder Bin with Grip Strut Top: Mounted top of utility body curb side. See picture below:



OPTION G: GENERAL SPECIFICATION SECTIONS 1 through SECTIONS 16 AND THE FOLLOWING

- 1500 Watt Pure Sine Wave Power Inverter (Samlex or equivalent) wired to appropriate capacity circuit breaker (Blue Sea Circuit Breaker 285 Series or equivalent). Wired ignition on ONLY (key hot function). Mounted inside RF bin to roof.
- Knapheide Steel 8' UTILITY BODY with bumper and tail gate
- Aluminum Wash Tank with Ball Valve (5 Gallon): Mounted RR / top of bumper.
- 6" PVC Storage Pipe: 6'4" Long. (2) Count with permanent cap on one end and an accessible lockable weatherproof cap/lid on the other end. Mounting Location TBD.
- Flex Steps and Grab Handles on rear bumper / utility body.
- Passenger and driver side front bin: DC Accessory Power Outlets: One additional DC power outlets in cab for accessories with spring-loaded cover. See example below: NAPA Part # BK 7821773 or equal. Wire to the Auxiliary Accessory Fuse BLOCK



- Skid Plate For Offroad Protection

OPTION H: GENERAL SPECIFICATION SECTIONS 1 through SECTIONS 16 AND THE FOLLOWING

NOTE: Reference JEA Unit # 6983

- Knapheide Steel 8' UTILITY BODY with bumper and tail gate.
- 1500 Watt Pure Sine Wave Power Inverter (Samlex or equivalent) wired to appropriate capacity circuit breaker (Blue Sea Circuit Breaker 285 Series or equivalent). Wired ignition on ONLY (key hot function). Mounted inside RF bin to roof.
- Aluminum Wash Tank with Ball Valve (5 Gallon): Mounted RR / top of bumper.
- JEA standard 5 gallon aluminum water keg holder (full circle aluminum). Mounted LF top of utility body. Include Igloo 5 gallon water keg.
- RESIDENTIAL Meter Box Racks (2): DS & PS top of utility body.
- Aluminum Shovel Rack (10" Wide Version): Mount RR inside utility bed.

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- Aluminum Barricade Rack: Mount RF inside utility body.

OPTION I: GENERAL SPECIFICATION SECTIONS 1 through SECTIONS 16 AND THE FOLLOWING

- Knapheide Steel 8' UTILITY BODY with bumper and tail gate.
- Flex Steps and Grab Handles on rear bumper / utility body.
- Vise: Mount to DS rear bumper.
- Aluminum Wash Tank: Mount right rear above the rear bumper.
- Aluminum Full Circle Water Keg Holder: Mount right rear top of utility body

NOTE: All units, attachments, products and services must meet and comply with all applicable regulations and specifications including but not limited to Federal and State Laws, OSHA Regulations, ANSI Standards, DOT Regulations and ASTM Standards. All units must be delivered to the JEA Fleet Facility with a minimum $\frac{3}{4}$ tank of fuel. Contact Tremel Carmicheal at 904-517-2528 48 hours prior to delivery. Delivery times are Monday through Friday 07:00 AM – 03:00 PM at 5717 New Kings Road Jacksonville Florida, 32209.