

SPECIFICATION, JEA CLASS 122+ 4X4 ONE TON EXT CAB SRW UTILITY BODY
UPDATED JUNE 2020

1. SCOPE

It is the intent of the JEA to purchase multiple One Ton Diesel and Unleaded Extended 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 Extended Cab SRW 4X4 Trucks with Steel and 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 7600 lbs.
- 3.2 Wheel Base: Between 167" and 169" 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 92".
- 3.4 Length: not to exceed 264".

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- 3.5 Width Including Mirrors: not to exceed 98".
- 3.6 Minimum Ground Clearance: 8.4".
- 3.7 Wheels: 18" or greater, steel or aluminum.
- 3.8 Minimum Seating Capacity: Six (6). Include front seat collapsible center console option with storage and minimum 2 cup holders.
- 3.9 Pay Load: 3500 lbs.

4. ENGINE

- 4.1 Horse Power:
 - UNL: Minimum 365 HP.
 - Diesel: Minimum 330 HP.
- 4.2 Torque:
 - UNL: Minimum 430 lbs.
 - Diesel: Minimum 750 lbs.
- 4.3 No Automatic Idle Shutdown.
- 4.4 Diesel: B20 Biodiesel Capable

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

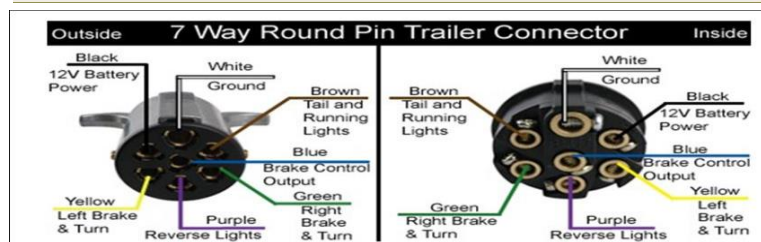
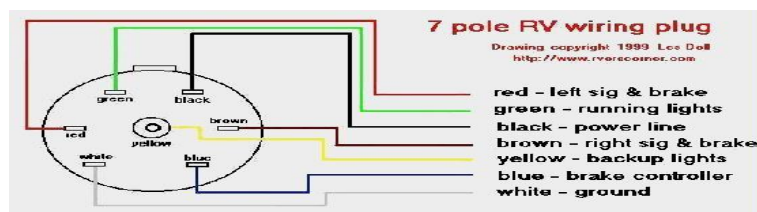
- 5.1 Minimum Ten (10) Speed Automatic.
- 5.2 PTO Provision.

6. TOWING

- 6.1 Class-4 towing package with pintle / 2" ball combination insert (Tow Ready # 63011 and # 63057).



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



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6.3 Minimum max loaded trailer weight 11,500 lbs.

6.4 OEM integrated brake controller.

7. DIFFERENTIALS

7.1 Limited slip or lockable.

8. WHEELS / TIRES

8.1 Wheels: Minimum 18" 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.

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 Auxiliary Accessory Fuse Block: Purpose is to wire GPS, fuel rings, JEA Radio, DC accessory power outlets etc. Wire to waterproof resettable breaker so we can isolate from the vehicle OEM system if needed. An acceptable example is listed below including picture.

Blue Sea Systems ST Blade ATO/ATC Fuse Blocks
Style Name: 12-Circ Split w/Cover & Neg



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- 11.3 All Cab / Chassis Lights: LED only.
- 11.4 Corner Mounted LED Strobe Lights: Four count, one on each corner.
- 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 JV WeCan Series Super LED (MODEL JV2A) Strobe Light or equivalent: Amber color with aluminum base. Hard mount and wire to the BACK RACK MODEL DR 150 Headache Rack with the BACK RACK LIGHT BAR BRACKETS # 91006. No exposed wires.
- 11.11 Remote Controlled Spot Light: Model # 20074, Radioray LED or equivalent. Hard wire and mount to the JV WeCan Series Super LED MODEL JV2A Light Bar. No exposed wires.
- 11.12 1500 Watt Pure Sign Wave Power Inverter: Mount inside Right Front Bin Inverted and to the roof of the bin (Outlets Facing Rear). Wire key hot with re-settable breaker.
- 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 Nerf Bars: Driver's side and passenger's side.
- 12.4 Collapsible Cone Holder (JEA Standard / Template): Mounted centered / front bumper



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12.5 BACK RACK Headache Rack Model with expanded metal and BACK RACK strobe light mounting brackets or equivalent (Mount Whelen Justice JV WeCan Series Super LED MODEL JV2A Strobe Light). See JEA in-service units for general detail.

12.6 Seat Belts: **Fluorescent Green**



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 five (5) complete sets of keys per unit (3 FOB Keys and 2 Standard Keys for Chassis) including attachments, bins and toolboxes. Key all bins and toolboxes 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 (You may use JEA's current vendor at your expense).

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

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- 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.



- 16.8 Reflective roadside triangle warning/hazard kit.

OPTION A: 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.
- 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 Steal 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.
- Vice: Mount to DS rear bumper.
- Flex Steps and Grab Handles on rear bumper / 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 Thurman McGlothlin at 904-576-9382 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.