

## 151-18 – APPENDIX A – GROUP 1

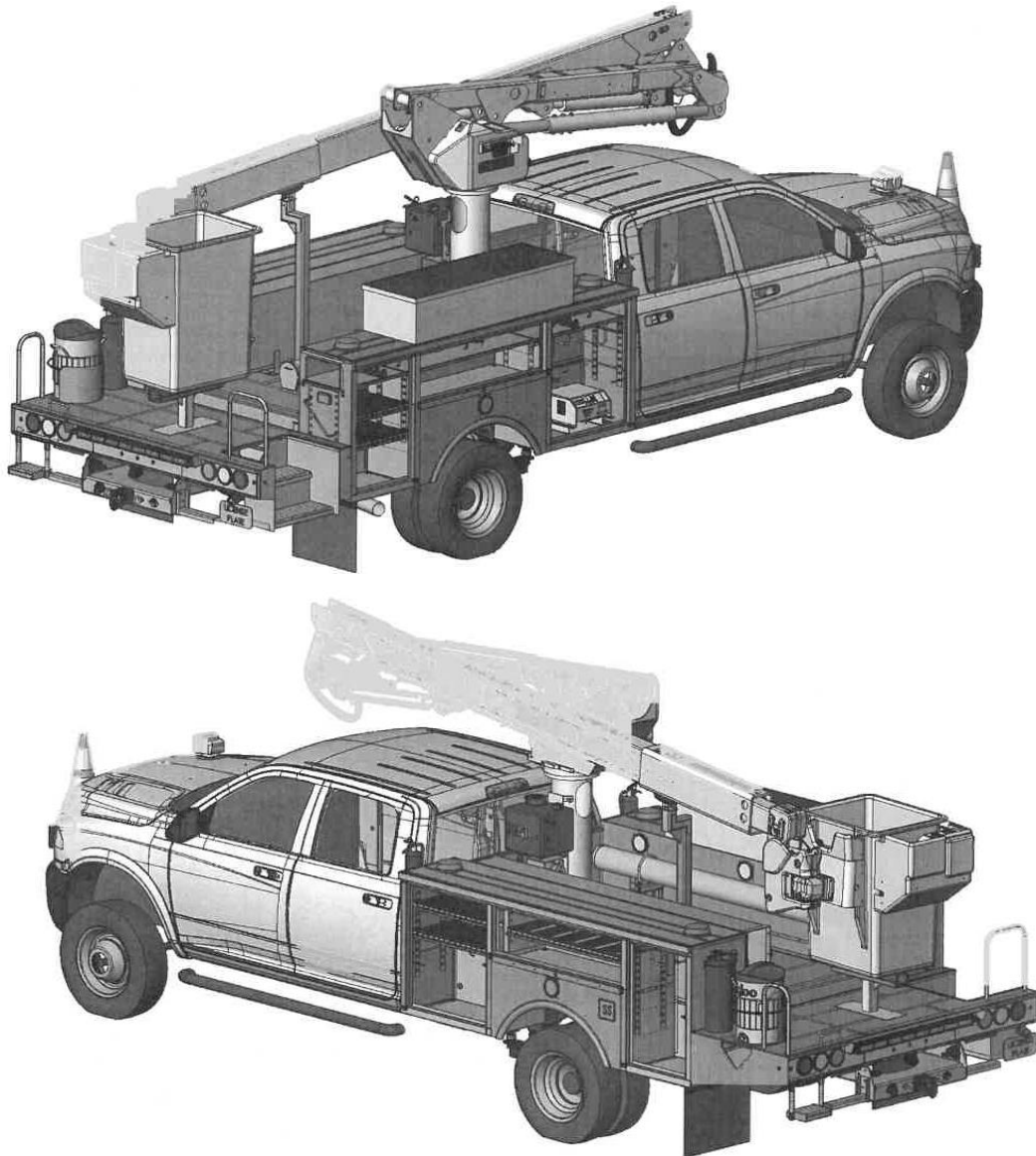
### SPECIFICATION, JEA CLASS 211 CREWCAB: ONE TON / DIESEL DUALY / CREW CAB / 4X4 / UTILITY BODY / 40 FOOT BUCKET TRUCK

#### 1. SCOPE

It is the intent of the JEA to purchase **SIX (6)** ONE TON / DIESEL DUALY / CREW CAB / 4X4 / UTILITY BODY / 40 FOOT BUCKET TRUCKS (**RAM 5500 with 19,000 GVWR CHASSIS / ALTEC AT40G, HIGH RANGER LT40 or Equal**). All units must be tested and delivered to JEA Fleet Facility (5717 New Kings Road Jacksonville, Florida 32209) in complete operational condition, with all required equipment and documentation by **SEPTEMBER 25, 2019**. Liquidated Damages (**\$28.38 Per Day Per Unit**) start **SEPTEMBER 25, 2019**.

#### 2. MODEL:

New current model year production ONE TON / DIESEL DUALY / CREW CAB / 4X4 / UTILITY BODY / 40 FOOT BUCKET TRUCK (**RAM 5500 with 19,000 GVWR CHASSIS / ALTEC AT40G, HIGH RANGER LT40 or Equal**). Reference: In-Service JEA UNITS for additional details and clarification.



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#### 3. CHASSIS (DIMENSIONS INCLUDE UTILITY BODY / BOOM ATTACHMENTS)

- 3.1 **GVWR: MINIMUM 19,000 LBS.**
- 3.2 **WB:** Not to exceed **177"**.
- 3.3 **CA:** Not to exceed **64"**.
- 3.4 **OVERALL Height (Boom in Stowed Position):** Not to exceed **128"**.
- 3.5 **OVERALL LENGTH:** Not to exceed **326"**.
- 3.6 **Minimum Rear Axle Clearance:** **8"**.
- 3.7 **Minimum Seating Capacity:** SIX (6). Include Retractable Center Console / Storage, Front Seat.
- 3.8 **Pay Load:** To accommodate all attachments, tools, materials operator and passengers.

#### 4. ENGINE **CUMMINS DIESEL DUE TO RELIABILITY**

- 4.1 **Horse Power:** Minimum 325 HP @ 2600 RPM.
- 4.2 **Torque:** Minimum 675 lbs. @ 2000 RPM.
- 4.3 **Automatic Idle Shutdown:** **NO.**

#### 5. TRANSMISSION

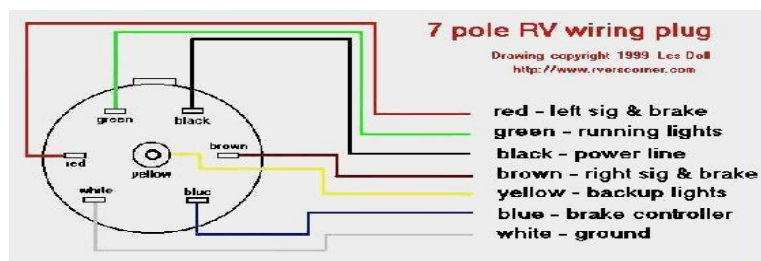
- 5.1 Minimum SIX (6)-Speed Automatic.
- 5.2 PTO PROVISION.

#### 6. TOWING

- 6.1 Class-4 Towing Package with Pintle / 2" Ball Combination Insert (Make Model: TOW READY # 63011 and # 63057).

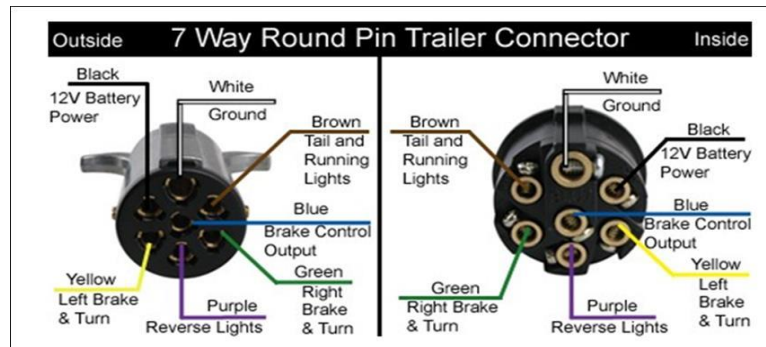


- 6.2 **OEM 7 Pin RV Trailer Plug** and **7 Pin Round Trailer Plug** (JEA Standard). Both plugs are required on all units.



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6.3 **Minimum:** Max loaded trailer weight (CONVENTIONAL / Behind Bumper) **12,500 lbs.**

6.4 OEM Integrated Brake Controller

#### 7. DIFFERENTIALS

7.1 Limited Slip or Lockable.

#### 8. TIRES / WHEELS

8.1 **Tires:** All Terrain Tread.

8.2 **Wheels:** 19.5" Standard Steel Wheel (White).

#### 9. BRAKES

9.1 Four wheel disc brakes.

9.2 Anti-Lock Brake System (ABS).

#### 10. FUEL TANK

10.1 Minimum **50** 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. ALL LIGHTS MUST BE LED.**

11.1 **Meters:** Engine hour meter, PTO hour meter, transmission temperature, engine oil pressure, engine temperature, charging system, fuel level, air pressure and diesel exhaust fluid level (In Cab / Dash Mounted).

11.2 **Auxiliary / Accessory Fuse BLOCK/Lugs:** To wire GPS, Fuel Rings, JEA RADIO, DC Accessory Power Outlets & Etc. See Example Below. Wire to Waterproof Resettable Breaker so we can isolate from vehicle if needed.

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

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- 11.3 **DC Accessory Power Outlets:** THREE DC Power Outlets in cab for accessories with spring loaded cover (For Cell Phone Chargers & Etc.). See example below (NAPA Part Number & Picture): NAPA Part # BK 7821773 or equal. Power/Wire to the Auxiliary / Accessory Fuse BLOCK



- 11.4 **MASTER SWITCH WITH LOCKOUT/TAGOUT:** In Cab, (Mitigate Dead Batteries Due To GPS, Fuel Rings & Etc.).  
**EXAMPLE: TR SERIES DUAL POLE MASTER DISCONNECT SWITCH (500A • DPST • IP67/IP69k • Integrated Lockout Tagout).**



- 11.5 **LED Rope Lighting:** All Utility Body Bins.

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- 11.6 **LED Area/Ground Lighting:** Drivers Side, Passengers Side and Rear of Vehicle.
- 11.7 **LED Strobe Light System:** Six Point Recessed.
- 11.8 **Recessed LED Lights (4):** Mounted inside Utility Body/Cargo Area and Tail Shelf Entry Step.
- 11.9 **LED Spot Lights:** Recessed/Mounted in rear light rail.
- 11.10 **POWER INVERTER:** 2400W Pure Sine Wave Inverter with two GFCI Outlets. Mount Inverter in right front utility bin. Mount 1 GFCI Outlet right rear of utility body and 1 in the cab.
- 11.11 **Whelen LED Directional Light Bar:** install on rear of tail shelf.
- 11.12 **(4) Low Profile LED Strobes:** Mounted topside / four corners of utility body. Black out the top portion of the strobes.
- 11.13 **LED SPOT LIGHT:** Mounted Drivers Side Pillar.
- 11.14 **Power Package:** Power Windows, Locks, Mirrors (Heated), Cruise Control & Tilt Wheel.
- 11.15 Factory installed Air Conditioner and Heater.
- 11.16 Backup Camera (7" or 8" Color Monitor) and Backup Alarm.
- 11.17 OEM AM / FM Stereo with Auxiliary Input and [BLUETOOTH/Hands Free](#).

## 12. ADDITIONAL REQUIRED CAB/CHASSIS EQUIPMENT

- 12.1 **Tow/Recovery Hooks:** Front & Rear.
- 12.2 **Window Tint:** driver, passenger & rear windows (Max Legal in FL).
- 12.3 **Step / Nerf Bars:** Drivers and Passenger Side.
- 12.4 **Collapsible Cone Holder (JEA Standard / TEMPLATE):** Mounted Center / Front Bumper.



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- 12.5 **Seat Belts (Front and Rear):** Fluorescent Green



- 12.6 **Reflective Roadside Triangle Warning/Hazard Kit.**



## 13 **BOOM ATTACHMENT / INSULATED TELESCOPIC ARTICULATION AERIAL DEVICE. NO OUTRIGGERS**

- 13.1 **Platform Bucket with INSULATED Liner (400 LBS Capacity):** End Mounted 24" X 30" X 42".
- 13.2 **ROTATION:** Continuous.
- 13.3 **Platform Rotator:** 180 Degrees Rotation.
- 13.4 Auxiliary Power / Let Down System.
- 13.5 **Working Height:** 45.6 Feet.
- 13.6 Tool Circuit at Platform.
- 13.7 **Upper Boom Articulation:** Between -14 Degrees and +75 Degrees or greater.
- 13.8 **Engine Start / Stop:** Platform and Lower Controls.
- 13.9 Hydraulic Platform Leveling System.
- 13.10 **Single Handle Upper Control:** 4 Function.



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- 13.11 **BOOM/BUCKET:** **Category C Rating per ANSI A92.2.**
- 13.12 **Hydraulic System:** Open Center.
- 13.13 **Emergency Lowering Valve:** Platform.
- 13.14 **Platform Cover:** One.
- 13.15 **Platform Leveling:** At UPPER and LOWER Controls.
- 13.16 Hydraulic Boom Extension.
- 13.17 **Side Reach:** Between 26.6 Feet and 29.7 Feet.
- 13.18 Include (1) Harness and (1) Lanyard.
- 13.19 **Lanyard Attachment Points / BOOM:** **PAINT BLUE.19**
- 13.20 **Stabilization:** Torsion Bar **(NO OUTRIGGERS).**
- 13.21 Padded Boom Rest.

#### 14 ADDITIONAL REQUIRED OPTIONS / UTILITY BODY

- 14.1 **Ladder Rack:** Mounted in utility body, street side of cargo area.
- 14.2 **Side Entry Tail Shelf:** Right rear side access.
- 14.3 **Weather Proof Lockable Bin:** Mounted Passenger Side / Top of Utility Body. Top Opening / Hinged Outside.
- 14.4 **Sprayed in Bed Liner:** include tail shelf, top of utility body & rear bumper surface (LINE X or Equal).
- 14.5 **Masterlock System:** Secondary Utility Body Locking System to Operate from Rear of Body.
- 14.6 **SIX D-Rings** (3 on each side) Inside Utility Bed Mounted Approximately 16" from floor/deck & evenly spaced.  
**Purpose:** to secure loads.
- 14.7 **5 Gallon Water Keg Holder:** 4 to 5 Gallon Aluminum Full Circle / No Strap Required (Include 5 Gallon Water Keg).
- 14.8 **Aluminum Hand Wash Tank with Ball Valve:** Mounted left rear of utility body.

#### 15 COLOR/GRAPHICS

- 15.1 White exterior.
- 15.2 Delete all vendor and manufacturer identification decals **except required** safety & reference identification tags, decals, data plates & placards.

#### 16 MANUALS, VIDEOS, KEYS, OPERATOR ORIENTATION and DRAWINGS

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- 16.1 (1) Set of operator manuals per unit (Hard Copy). Include (1) an electronic copy (Flash Drive)
- 16.2 (1) Operator & Safety Training Flash Drive per unit.
- 16.3 (5) complete sets of keys per unit (3 FOB Keys & 2 Standard Keys for Chassis) Including Attachments, Bins & Tool Boxes. Key All Bins & Tool Boxes Alike. **Stamp/Engrave JEA PROVIDED 5 Digit Unit Number on All Keys. KEY ALL CAB/CHASSIS ALIKE.**
- 16.4 (1) On-Site JEA Operator Orientation Class (Complete Unit: Chassis & Attachments).
- 16.5 (1) On-Site JEA Maintenance Orientation Class (Complete Unit: Chassis & Attachments).
- 16.6 Include a complete paper copy Specification / Build Sheet in all units including the Key Code.
- 16.7 One complete set of scaled drawings. Include one electronic copy (Flash Drive).

#### 17 WARRANTY

- 17.1 Minimum 3 Year / 36,000 Mile Cab/Chassis. Must include all standard manufacturer warranties.
- 17.2 Minimum 1 Year Attachment Warranties (Boom and Utility Body). Must include all standard manufacturer warranties.

#### 18 OTHER REQUIREMENTS

- 18.1 Purchase / Install CITY License Plates.
- 18.2 Install JEA provided Branding / Decals.
- 18.3 **Install JEA Required Safety Equipment:** Purple-K Fire Extinguisher (5 lb.), JEA First Aid Kit and Key Safe.
- 18.4 Current **DOT** Inspection / Certification with Decal installed lower left inside corner of windshield. Include **Hours, Mileage** and **Date** of next service due **(Use Manufacture Recommended Intervals / Rough Service)**.
- 18.5 Must include/document the **Vin Number, JEA Provided 5 Digit Vehicle Number, Make, Model & Description** on all Invoices and Change Order Invoices.

**NOTE:** All Units, Attachments, Products & Services must meet & 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 JEA Fleet Facility with a minimum  $\frac{3}{4}$  tank of fuel. Contact **Mark Murray** at **904-328-8501** 48 Hours prior to delivery. Delivery times are **Monday through Friday 08:00 AM – 03:00 PM** at **5717 New Kings Road Jacksonville Florida, 32209.**