

**SPECIFICATION, JEA CLASS 123V: TRUCK 1 T 4X4 STANDARD CAB DRW 9' UTILITY BODY VALVE**  
**UPDATED JUNE 2020**

**1. SCOPE**

It is the intent of the JEA to purchase multiple One Ton 4X4 Standard Cab DRW Valve Trucks with 9' Utility Bodies (FORD F-550 with 19,500 GVWR or Equivalent) with WACHS Valve Machines (WACHS MODEL # 17-000-24 / SERIAL # 12-2065) and other 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 1 Ton 4X4 Standard Cab DRW Valve Trucks with 9' Utility Bodies (FORD F-550 with 19,500 GVWR or Equivalent) with WACHS MODEL # 17-000-24 Valve Machine. Reference JEA In-Service Units for layout and option details.



**3. CHASSIS**

- 3.1 GVWR: 19500 lbs
- 3.2 Wheel Base: Between 148 " and 150"
- 3.3 Height: not to exceed 92"
- 3.4 Length: Not to exceed 277"

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- 3.5 Width Including Mirrors: not to exceed 100"
- 3.6 Minimum Ground Clearance: 8"
- 3.7 Wheels: 19.5", steel or aluminum
- 3.8 Minimum Seating Capacity: Standard Cab, Three (3). Include front seat collapsible center console option with storage and minimum 2 cup holders.
- 3.9 Pay Load: 11,500 lbs. or greater

**4. ENGINE (DIESEL)**

- 4.1 Horse Power: Minimum 330 HP
- 4.2 Torque: Minimum 750 LBS
- 4.3 No Automatic Idle Shutdown
- 4.4 B20 Biodiesel Capable

**5. TRANSMISSION WITH PTO PROVISION**

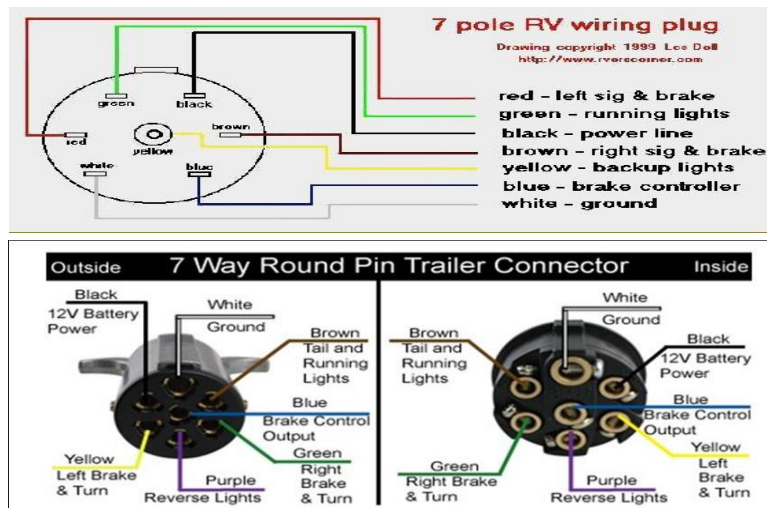
- 5.1 Ten (10)-Speed Automatic
- 5.2 PTO Provision

**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 (Conventional) 14,000 lbs.

6.4 OEM integrated brake controller.

**7. DIFFERENTIALS**

7.1 Limited slip or lockable.

**8. TIRES**

8.1 Tires: All terrain tread.

**9. BRAKES**

9.1 Four wheel disc brakes.

9.2 Anti-Lock brake system (ABS).

**10. FUEL TANK**

10.1 Minimum 40 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 LED Strobe Light System: Six point recessed with amber light.
- 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 to include multi-function/pattern light bar controls to include directional. Hard mount and wire to the BACK RACK Headache Rack with BACK RACK Light Bar Brackets. 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 LED Bin Lighting: All utility bins and tool boxes.
- 11.13 LED Area/Ground Lighting: Drivers side, passenger's side and rear of vehicle.
- 11.14 OEM UP-FITTER Switches.
- 11.15 1500 Watt Power Inverter: Mounted Inside RF Bin to Roof with Breaker. Outlets facing rear of utility body.

**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 OEM Cab Steps: Drivers and passenger 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.
- 12.9 SIX Collapsible D-Rings: (3 on each side) Inside utility bed mounted approximately 16" from floor/deck & evenly spaced. Purpose: to secure loads.
- 12.10 Aluminum Wash Tank with Ball Valve (5 Gallon): Mounted RR / Top of Bumper.
- 12.11 Aluminum Key Rack: Mounted Inside LR Utility Body.
- 12.12 JEA standard 5 gallon aluminum water keg holder (full circle aluminum). Mounted RR Top of Utility Body. Include Igloo 5 gallon water keg.
- 12.13. Valve Machine: WACHS MODEL # 17-000-24. Mount Inside/Front of the Utility Bed with Left Front Bin Access.



- 12.14 Aluminum Removeable Weatherproof Cover / Guard on Machine.

**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.

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**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. DRAWINGS**

- 15.1 Scaled Drawings will be provided to JEA upon receipt of order. Drawings will include all interior/exterior and equipment layout details & dimensions. Final Drawings / Layout will be approved by JEA before work is started. Include one electronic copy (Flash Drive). Drawings may be used at JEA's discretion for solicitations, request for information, reference for repairs, etc.

**16. WARRANTY**

- 16.1 Minimum 3 Year / 36,000 Mile warranty and all standard manufacturer warranties including component warranties
- 16.2 Warranty period starts when units are received at JEA's fleet facility and are inspected and accepted.

**17. OTHER REQUIREMENTS**

- 17.1 Purchase and Install Yellow City License Plates
- 17.2 Install JEA provided decals (You may use JEA's current vendor at your expense)
- 17.3 Install JEA provided safety equipment: Purple-K fire extinguisher (5 LB), first aid kit and key safe
- 17.4 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
- 17.5 Include a paper copy specification / build sheet in all units including key codes
- 17.6 Must include/document the VIN number, make, model, description, JEA PO # and JEA provided 5 digit unit # on all invoices
- 17.7 Awarded vendor must complete and submit the JEA provided Vehicle and Equipment Attribute Data Spreadsheet



- 17.8 Reflective roadside triangle warning/hazard kit

**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.