



## NORTH CAROLINA SHERIFFS' ASSOCIATION

<b>Name of Dealership</b>	<b>Type of Vehicle</b>	<b>Zone</b>	<b>Base Unit Price</b>
<a href="#"><u>INTERNATIONAL 4300 SBA 4X2 - KNUCKLEBOOM STD. TORQUE (Specification #17)</u></a>			
White/Herring Tractor and Truck, LLC	2017 International 4300 SBA 4x2 - Knuckleboom Std. Torque	★Appalachia	\$64,269.00
White/Herring Tractor and Truck, LLC	2017 International 4300 SBA 4x2 - Knuckleboom Std. Torque	★Dogwood	\$64,269.00
White/Herring Tractor and Truck, LLC	2017 International 4300 SBA 4x2 - Knuckleboom Std. Torque	★Cardinal	\$64,269.00
White/Herring Tractor and Truck, LLC	2017 International 4300 SBA 4x2 - Knuckleboom Std. Torque	★Longleaf Pine	\$64,269.00



## **NORTH CAROLINA SHERIFFS' ASSOCIATION**

### **INTERNATIONAL 4300 SBA 4X2 - KNUCKLEBOOM STD. TORQUE SPECIFICATION #17**

2017 International 4300 SBA 4x2 - Knuckleboom Std. Torque

**ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED**

**INSTRUCTIONS:** Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

#### **1. MISSION**

- a. Requested GVWR: 33000. Calc. GVWR: 33000
- b. Calc. Start / Grade Ability: 19.51% / 1.02% @ 55 MPH
- c. Calc. Geared Speed: 80.9 MPH

#### **2. DIMENSION**

- a. Wheelbase: 254.00, CA: 186.90, Axle to Frame: 96.00

#### **3. FRAME**

- a. TOW HOOK, FRONT (2) Frame Mounted
- b. FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.250" x 3.610" x 0.375" (260.4mm x 91.7mm x 9.5mm); 456.0" (11582mm) Maximum OAL
- c. BUMPER, FRONT Full Width, Aerodynamic, Steel; 0.142" Material Thickness
- d. CROSSMEMBER, REAR, AF (1)
- e. WHEELBASE RANGE 199" (505cm) Through and Including 254" (645cm)

#### **4. FRONT AXLE**

- a. AXLE, FRONT NON-DRIVING {Navistar Select} I-Beam Type, 12,000-lb Capacity

#### **5. FRONT SUSPENSION**

- a. SUSPENSION, FRONT, SPRING Parabolic, Taper Leaf; 12,000-lb Capacity; With Shock Absorbers

#### **6. BRAKE SYSTEM**

- a. BRAKE SYSTEM, AIR Dual System for Straight Truck Applications
- b. AIR BRAKE ABS {Bendix AntiLock Brake System} Full Vehicle Wheel Control System (4-Channel)
- c. AIR DRYER {Meritor Wabco System Saver 1200} with Heater
- d. BRAKE CHAMBERS, FRONT AXLE {Bendix} 20 SqIn
- e. BRAKE CHAMBERS, REAR AXLE {Bendix EverSure} 30/30 Spring Brake
- f. BRAKES, FRONT, AIR CAM S-Cam; 15.0" x 4.0"; Includes 20 Sq. In. Long Stroke Brake Chambers
- g. BRAKES, REAR, AIR CAM S-Cam; 16.5" x 7.0"; Includes 30/30 Sq.In. Long Stroke Brake Chamber and Spring Actuated Parking Brake
- h. AIR COMPRESSOR {Cummins} 18.7 CFM Capacity
- i. AIR TANK LOCATION (2) : One Mounted Under Each Frame Rail, Front of Rear Suspension, Parallel to Rail

#### **7. STEERING**

- a. STEERING COLUMN Stationary
- b. STEERING WHEEL 2-Spoke, 18" Dia., Black
- c. STEERING GEAR {Sheppard M100} Power

## 8. EXHAUST

- a. EXHAUST SYSTEM Switchback Horizontal Aftertreatment Device, Frame Mounted Right Side Under Cab; Includes Single Short Horizontal Tail Pipe, Frame Mounted Right Side Back of Cab
- b. EXHAUST SYSTEM Switchback Horizontal Aftertreatment Device, Frame Mounted Right Side Under Cab; Includes Single Short Horizontal Tail Pipe, Frame Mounted Right Side Back of Cab
- c. ELECTRICAL SYSTEM 12-Volt, Standard Equipment
- d. POWER SOURCE Cigar Type Receptacle without Plug and Cord
- e. ALTERNATOR {Leece-Neville AVI160P2013} Brush Type; 12 Volt 160 Amp. Capacity, Pad Mount, With Remote Sense
- f. BODY BUILDER WIRING Back of Standard Cab at Left Frame or Under Extended or Crew Cab at Left Frame; Includes Sealed Connectors for Tail/Amber Turn/Marker/ Backup/Accessory Power/ Ground and Sealed Connector for Stop/Turn
- g. BATTERY SYSTEM {International} Maintenance-Free, (3) 12-Volt 1950CCA Total
- h. RADIO {Panasonic CQ120} AM/FM, Includes Multiple Speakers, Includes Auxiliary Input
- i. HORN, ELECTRIC Disc Style
- j. HORN, AIR Black, Single Trumpet, Air Solenoid Operated
- k. HEADLIGHTS Halogen; Composite Aero Design for Two Light System; Includes Daytime Running Lights
- l. STARTING MOTOR {Delco Remy 38MT Type 300} 12 Volt; less Thermal Over-Crank Protection
- m. INDICATOR, LOW COOLANT LEVEL With Audible Alarm
- n. BATTERY BOX Steel, With Aluminum Cover, 14" Wide, 3 Battery Capacity, Mounted Left Side Under Cab
- o. BATTERY DISCONNECT SWITCH 300 Amp; Cab Mounted, Disconnects Charging Circuits; Locks with Padlock

## 9. FRONT END/HOOD

- a. GRILLE Chrome
- b. FRONT END Tilting, Fiberglass, With Three Piece Construction

## 10. PAINT

- a. PAINT SCHEMATIC, PT-1 Single Color, Design 100
- b. PAINT TYPE Base Coat/Clear Coat, 1-2 Tone

## 11. CLUTCH

- a. CLUTCH Omit Item (Clutch & Control)

## 12. ENGINE

- a. ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection
- b. BLOCK HEATER, ENGINE 120V/1000W, for Cummins ISB/ISL Engines
- c. ENGINE, DIESEL {Cummins ISB 200} EPA 2010, 200 HP @ 2400 RPM, 520 lb-ft Torque @ 1600 RPM, 2600 RPM Governed Speed, 200 Peak HP (Max)
- d. FAN DRIVE {Borg-Warner SA85} Viscous Type, Screw On
- e. FEDERAL EMISSIONS {Cummins ISB} EPA, OBD and GHG Certified for Calendar Year 2016
- f. RADIATOR Aluminum; 2-Row, Cross Flow, Over Under System, 717 SqIn Louvered, With 313 SqIn Charge Air Cooler. With In-Tank Transmission Cooler
- g. AIR CLEANER With Service Protection Element
- h. THROTTLE, HAND CONTROL Engine Speed Control; Electronic, Stationary, Variable Speed; Mounted on Steering Wheel
- i. OIL PAN 15 Quart Capacity, For Cummins ISB Engines
- j. EMISSION COMPLIANCE Low NOx Idle Engine, Complies with California Clean Air Regulations; Includes "Certified Clean Idle" Decal on Hood
- k. ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls; With Ignition Switch Control for Cummins ISB or ISL Engines

## 13. TRANSMISSION

- a. TRANSMISSION, AUTOMATIC {Allison 2500\_RDS\_P} 5th Generation Controls; Wide Ratio, 6Speed, with Double Overdrive; with PTO Provision, Less Retarder, with 33,000-lb GVW & GCW Max
- b. TRANSMISSION OIL Synthetic; 20 thru 28 Pints
- c. SHIFT CONTROL PARAMETERS Allison 1000 or 2000 Series Transmissions, 5th Generation Controls, with EcoCal and Dynamic Shift Sensing (FuelSense Basic)
- d. PTO LOCATION Left Side of Transmission

#### 14. REAR AXLE/SUSPENSION

- a. AXLE, REAR, SINGLE {Meritor MS-21-14X-4DFR} Single Reduction, 21,000-lb Capacity, R Wheel Ends . Gear Ratio: 6.14
- b. SUSPENSION, RR, SPRING, SINGLE Vari-Rate; 23,500-lb Capacity, With 4500 lb Auxiliary Rubber Spring

#### 15. FUEL TANK/FILTERS

- a. FUEL/WATER SEPARATOR Cummins Supplied on Engine, with 12 Volt DC Heater, with Waterin-Fuel Sensor
- b. FUEL TANK Top Draw; Non-Polished Aluminum, 24" Diam., 50 U.S. Gal., 189 L Capacity, Mounted Left Side Under Cab
- c. DEF TANK 5 U.S. Gal. Capacity; Frame Mounted Outside Left Rail, Under Cab

#### 16. CAB & EQUIPMENT

- a. CAB Conventional
- b. GAUGE CLUSTER English With English Electronic Speedometer
- c. GAUGE, OIL TEMP, AUTO TRANS , for Allison Transmission
- d. IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster
- e. GAUGE, DEF FLUID LEVEL
- f. SEAT, DRIVER {National 2000} Air Suspension, Mid Back, Vinyl, 2 Position Front Cushion Adjustment, -3 to +14 Degree Back Angle Adjust
- g. SEAT, TWO-MAN PASSENGER {National} Vinyl, Less Under Seat Storage Compartment
- h. MIRRORS (2) {Lang Mekra} Rectangular, Black Heads, Brackets and Arms, Breakaway Type, 7.55" x 14.1" Integral Convex Both Sides, 102" Inside Spacing
- i. CAB MOUNTING HEIGHT EFFECTS Mid Cab in Lieu of Low Cab Mounting Height (Approx. 4") With Cab Air Suspension
- j. AIR CONDITIONER {Blend-Air} With Integral Heater & Defroster
- k. INSTRUMENT PANEL Center Section, Flat Panel
- l. HVAC FRESH AIR FILTER
- m. STORAGE POCKET, DOOR Molded Plastic, Full Width; Mounted on Passenger Door
- n. CAB INTERIOR TRIM Deluxe

#### 17. WHEELS

- a. WHEELS, FRONT {Accuride} DISC; 22.5x7.50 Rims, Painted Steel, 5-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs
- b. WHEELS, REAR {Accuride} DUAL DISC; 22.5x7.50 Rims, Painted Steel, 5-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs
- c. WHEEL SEALS, FRONT {International} Oil-Lubricated Wheel Bearings

#### 18. TIRES

- a. (2) TIRE, FRONT 11R22.5 HSR2 (CONTINENTAL) 498 rev/mile, load range G, 14 ply
- b. (4) TIRE, REAR 11R22.5 HDR2 (CONTINENTAL) 491 rev/mile, load range G, 14 ply

#### 19. OPTIONAL EQUIPMENT INCLUDED

- a. WARRANTY Standard for Durastar 1000/4000 Series, Effective with Vehicles Built January 2, 2015 or Later, CTS-2475P
- b. SAFETY EQUIPMENT & NC INSPECTION



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### **INTERNATIONAL 4300 SBA 4X2 - KNUCKLEBOOM STD. TORQUE SPECIFICATION #17**

#### **2017 International 4300 SBA 4x2 - Knuckleboom Std. Torque**

The International 4300 SBA 4x2 - Knuckleboom Std. Torque purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$64,269.00	\$64,269.00	\$64,269.00	\$64,269.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

<b>VEHICLE:</b>	4300 SBA 4x2 - Knuckleboom Std. Torque			
<b>DEALER:</b>	White/Herring Tractor and Truck, LLC	White/Herring Tractor and Truck, LLC	White/Herring Tractor and Truck, LLC	White/Herring Tractor and Truck, LLC
<b>ZONE:</b>	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
<b>BASE PRICE:</b>	\$64,269.00	\$64,269.00	\$64,269.00	\$64,269.00

Order Code	Add Options	All Zones
	{Cummins ISB 220} EPA 2010, 220 HP @ 2400 RPM, 520 lb-ft Torque @ 1600 RPM	\$818.00
	{Cummins ISB 240} EPA 2010, 240 HP @ 2400 RPM, 560 lb-ft Torque @ 1600 RPM	\$1,637.00
	{Cummins ISB 260} EPA 2010, 260 HP @ 2400 RPM, 660 lb-ft Torque @ 1600 RPM	\$3,323.00
	{Cummins ISB 300} EPA 2010, 300 HP @ 2600 RPM, 660 lb-ft Torque @ 1600 RPM	\$4,741.00
	{Allison 3500_RDS_P} Wide Ratio, 5-Speed, With Double Overdrive	\$5,519.00
	{Allison 3000_RDS_P} Close Ratio, 5-Speed, With Overdrive	\$5,519.00
	{Allison 3500_RDS_P} Wide Ratio, 6-Speed, With Double Overdrive	\$5,676.00
	{Allison 3000_RDS_P} Close Ratio, 6-Speed, With Double Overdrive	\$5,676.00
	{Dana Spicer 23060SH} Single Reduction, 23,000-lb Capacity, 200 Wheel Ends	\$448.00
	Vari-Rate; 31,000-lb Capacity, With 4500 lb Auxiliary Rubber Spring	\$136.00
	Switchback Horizontal Exhaust, Right Side Under Cab; Includes Single Vertical Tail Pipe	\$932.00
	Options available upon request	
	Tilting	\$125.00