

MISC. ORDER NO. 19-8

FILED  
JAN 29 2019  
KADE HOLLIDAY  
COUNTY & PROBATE COURT CLERK

In the County Court of Craighead County, Arkansas

In the matter of awarding bids for the purchase of two (2)  
Truck Tractors with fifth wheel and hydraulic and electrical  
Components installed and made ready for complete belly dump  
Trailer operation and delivered to the Craighead County Road Department.

FILED  
JAN 28 2019  
KADE HOLLIDAY  
COUNTY & PROBATE COURT CLERK

ORDER

Comes before the County Court of Craighead County, Arkansas, the matter of awarding bids for the purchase of two (2) Truck Tractors with fifth wheel and hydraulic and electrical components installed and made ready for full belly dump trailer operation. Includes five (5) year, 200K power train warranty and delivered to and to be used by the Craighead County Road Department.

Bids were advertised and publicly opened in accordance with Arkansas Code 14-22-101 through 14-22-115, concerning purchasing and bidding procedures.

It is therefore, considered, ordered, and adjudged that the best bid and overall best value of \$115,322.74 per Freightliner Truck Tractor, with a total award of \$230,645.48 be awarded to Tag Truck Center, 5712 Commerce Square, Jonesboro, AR 72401.

Dated this 20<sup>th</sup> Day of January 2019

Approved: \_\_\_\_\_

Marvin Day  
Craighead County Judge

	<b>BID TABULATION SHEET</b>			
Bid 2018-36	<b>Purchase two new truck tractors with automatic transmission</b>			
County Road Dept	Craighead County Road Dept			
DATE: January 10, 2019	2800 Moore Rd			
	Jonesboro, AR 72401			
<b>BIDDER NAME</b>	<b>ITEM BID</b>		<b>Price per unit</b>	<b>Total Cost</b>
Tag Truck Center	<b>2020 Freightliner 114SD with conventional chasis, Allison 4500 RDS trans</b>	Bid with 5yr add full	<b>\$115,322.74</b>	<b>\$230,645.48</b>
5712 Commerce Square	Detroit DD13(12.8L) 470 HP at 1625 rpm Engine	powertrain warranty		
Jonesboro, AR 72401	Service location, Jonesboro, AR. Powertrain warranty 5 yr 200,000 mile	and two year additional		
Tony Hickman(870-273-2759)	AllisonTrans 4500 RDS with PTO,5 yr unlimited miles warranty.	towing warranty		
Ph 972-8588 Fax 972-0223	Delivery 200 days. Add 3 year additional full truck warranty.			
	Add additional 2 years additional warranty on towing.			
TriState Truck Center	<b>2020 Mack Granite 64FR,</b>		<b>\$107,307.33</b>	<b>\$214,614.66</b>
1333 E Parker Road	<b>Engine MP8-445 HP,Transmission Mack TMD 12 speed(overdrive)</b>	<b>Does not meet</b>		
Jonesboro, AR 72404	<b>2020 Mack Granite 64FR</b>	<b>transmission</b>		
Ph 870-273-5079 Fax 972-5862	<b>Engine MP7-450 HP,Transmission Mack TMD 12 speed(overdrive)</b>	<b>and other specs</b>		
William Maddox	Does not have Allison transmission, Service location Jonesboro, AR,			
	Truck warranty-2 yr/250,000 miles;			
	Delivery 100 to 140 days			
Crows Truck Service	<b>2020 Western Star 4700 SF,6 speed Allison transmission</b>		<b>\$112,685.00</b>	<b>\$225,370.00</b>
5500 Davidson Rd	Detroit DD13(12.8L)470 HP at 1625 rpm,Allison 4500 rds auto trans with PTO			
Memphis, TN 38118	Service location, Memphis, TN, Delivery 150 days			
Pat McHugh	Basic vehicle warranty 1 yr unlimited miles,Eng warranty-2 yr unlimited miles Engine			
901-493-6328 Fax 901-366-6859	& after treatment. Roadside assistance(towing)1 yr unlimited miles. Trans warranty			
	2 yrs 100,000 miles			
Crows Truck Service	<b>2019 Western Star 4700 SF,6 speed Allison transmission(Alternate Bid)</b>	<b>Will not consider</b>	<b>\$110,853.00</b>	<b>\$221,706.00</b>
5500 Davidson Rd	Detroit DD13(12.8L)470 HP at 1625 rpm,allison 4500 rds auto trans with PTO	<b>due to year older</b>		
Memphis, TN 38118	Service location, Memphis, TN, Delivery 150 days	<b>and different color</b>		
Pat McHugh	Basic vehicle warranty 1 yr unlimited miles,Eng warranty-2 yr unlimited miles Engine			
901-493-6328 Fax 901-366-6859	& after treatment. Roadside assistance(towing)1 yr unlimited miles. Trans warranty			
	2 yrs 100,000 miles White Color,\$4800 to paint ultra red			

With some bidders having some exceptions to bid specs and with Freightliner having a good overall vehicle warranty and priced into bid a five year,200K mile powertrain vehicle			
warrantyand two year additional towing warranty and with a local facility with parts and service in Jonesboro, AR, are valuable considerations used in determining the best bid			
and best overall value for Craighead County. The ability to purchase replacement service items locally and in bulk to coincide with current fleet trucks is an asset to the County.			
All bids were very competitive and offered quality equipment. After considerable study and evaluation of bids including up front purchase price, vehicle warranty, local parts and			
service facility, purchase of current fleet replacement parts in bulk are valuable considerations and it is therefore determined that the best overall value for Craighead County			
is Freightliner offered by Tag Truck Center, as outlined above.			

FROM:

Craighead County Purchasing Department  
c/o County Judges Office  
511 Union Rm 119  
Jonesboro, AR 72401  
Phone 870-933-4500  
Fax 870-933-4504

**PURCHASE ORDER**  
**CRAIGHEAD COUNTY**  
**ARKANSAS**

**SHOW THIS NO. ON ALL INVOICES,  
DELIVERY SLIPS, CASES, BOXES, ETC**

PURCHASE  
ORDER

**51621**

TO: **TAG TRUCK CENTER**  
**5712 Commerce Dr**  
**Jonesboro, AR 72401**

DATE

**1-28-19**

Req. By

**Eugene Hoff**

Req. #

Bid No.

Gentlemen: Please furnish the following to Craighead County and be governed by the instructions hereon.

Charge to Account No. **2000, 200, 4005**

ITEM	QUAN.	BRAND, CATALOG NO. AND DESCRIPTION	UNIT PRICE	TOTAL
	<b>2</b>	<b>TRUCK TRACTORS WITH Allison AUTO TRANSMISSIONS, Includes All Hydraulic And Electrical Components necessary for belly dump TRACTOR TO FUNCTION. Year 2020 models 114 SD CONVENTIONAL / CAB C MODELS Includes 5 year, 200K mile warranty on drive train, Eng, TRANSMISSION HEAVY TRACTMENT, 3 year TOWING WARRANTY. Exterior color: WHITE And Pearl Metallic Elite BC All according to SPECIFICATIONS in Bid # 2018-36</b>	<b>115,322.74</b>	<b>230,645.48</b>

**TOTAL**

SHIP TO:

**Craighead County Rural Dept**  
**2800 Moore Rd**  
**Jonesboro, AR 72401**

DEL. PROMISED

DEL. REQUIRED

TERMS:

F.O.B.

**Destination**

PRICING:

No purchases over \$100.00 are valid unless covered by this form signed by Purchasing Agent. Submit invoice promptly to County Clerk, Craighead County Court House, P.O. Box 1167, Jonesboro, AR 72401. The above Purchase Order No. must appear on all Invoices, Delivery Slips, Cases, Boxes, Etc. even when shipped direct by your supplier.

I certify that all the above articles or services have been received in good order except as noted.

Dated \_\_\_\_\_ 20\_\_

Signed \_\_\_\_\_

**CRAIGHEAD COUNTY**

By \_\_\_\_\_

Purchasing Agent



RECEIVED DEC 26 2018

**CRAIGHEAD COUNTY**  
**INVITATION TO BID-Not an Order**  
 Craighead County Judge's Office  
 511 Union St.; Suite 119  
 Jonesboro, Arkansas 72401

PURCHASING OFFICE

**BID NO. 2018-36**

DATE: December 21, 2018

Sealed bids, subject to the conditions on the reverse hereof, and as may be attached hereto, will be received at this office until 2:00 PM January 10, 2019, local time and then publicly opened, for furnishing the supplies, materials, and/or services as described below.

Bids will be opened January 10, 2019.  
 2:00 P.M. Local time

F.O.B Jonesboro, Arkansas

BY: Al Haines

Maximum Delivery or completion time after issuance of Purchase

PURCHASING DIRECTOR

Order or work ordered by County 120 days → 200 days - delivery

Item #	DESCRIPTION	QUANT	UNIT	UNIT PRICE	AMOUNT
1	Furnish two (2) each Tractor Trucks with Automatic transmissions, fifth wheel, and all hydraulics and electal componets necessary for belly dump trailers to function. (EG dump, brakes, lighting, other required safety items) to Craighead County Road Department, 2800 Moore Road, Jonesboro, AR. 72401 according to attached specifications. Trucks are to be made ready for belly dump trailer operations. Bidders are encouraged to review belly dump trailers located at Craighead County Road Shop, 2800 Moore Rd, Jonesboro, AR 72401.	2		115,322.74	230,645.48
2	This bid package contains 5 pages. All 5 pages must be returned to complete bid.				
3	Bid must be signed by authorized company representative.				
4	Bidder should: <ul style="list-style-type: none"> <li>A. Clearly define and list warranty information on each item in years. <u>5YR/200K miles, Engine &amp; After treatment</u></li> <li>B. Include all labor, delivery charges, training, programming, <u>5YR/160K miles, TRANSMISSION</u> and any other charges FOB Jonesboro, Arkansas 72401, in bid price. <u>3YR Towing</u></li> <li>C. Include product literature and specifications with bid.</li> <li>D. All relevant information will be considered when determining best bid for Craighead County.</li> <li>E. Specify cash discounts, if available.</li> <li>F. Note bid number on outside of bid envelope.</li> <li>G. Specify approximate ship time in days, if awarded bid.</li> <li>F. List make, model, and manufacturer of equipment being offered.</li> <li>G. Quote same or equal equipment in all aspects.</li> <li>H. Specify nearest service and parts supply location to Jonesboro, AR.</li> </ul>				4352 <sup>00</sup> / truck  110,920 <sup>24</sup>
5	Does bidder meet all tractor truck specifications? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If no, clearly list and define differences on a separate sheet.				
6	Attached equipment list with names and part numbers is for reference.				
7	Bidder should put total bid price on this sheet. <b>Total bid price is \$ 230,645.48</b>				

**EXECUTION OF BID**

Date 1-10-2019

We, the undersigned, have read all the requirements set forth in this bid proposal including specifications, instructions, conditions, and pertinent information regarding the articles being bid on, and we agree to furnish articles at the prices stated.

Arkansas Use Tax Register No. 0552145

Bidder TAB TRUCK Center Address 5712 Commerce, Jonesboro, AR. 72401

(Person Authorized to Sign Bids) Title Tony Hickman

**UNSIGNED BIDS WILL BE REJECTED**

**BIDS ARE SUBJECT TO REJECTION UNLESS SUBMITTED ON THIS FORM**

**NOTICE TO BIDDERS, SEE REVERSE SIDE OR ATTACHMENTS FOR INSTRUCTIONS AND CONDITIONS.**

**CRAIGHEAD COUNTY  
JONESBORO, ARKANSAS  
CONDITIONS OF BIDDING**

**Compliance with the following conditions is necessary for consideration of this bid.**

- 1 Signature-This bid must be signed with the firm name and by an authorized officer, employee or agent.
- 2 Sales Tax-Is not to be shown in the bid price, but is to be added by the vendor to the invoice billing to the County.  
The County is exempt from Arkansas State Sales Tax on road equipment and vehicles. Contractors are to include all costs into the bid price, including applicable taxes.
- 3 Freight and other delivery charges-to destination at designated County facility in the County must be included in bid.  
Charges may not be added after the bid is opened.
- 4 Discounts-Show rate, total amount, and latest day any discounts will be allowed after receipt of article and invoice, otherwise County will deduct allowed discount when payment is made.
- 5 Firm Price-All prices quoted will remain firm for at least 30 days from date of bid, unless otherwise specified by the County or bidder
- 6 Tax Exempt-Craighead County is exempt from State sales tax on self propelled equipment and motor vehicles.  
Example: Motor graders, excavators, dozers, dump trucks, pickup trucks, etc.
- 7 Identical Bids-In the event of two or more identical low bids, the contract may be awarded arbitrarily or for any reason to any of such bidders, or split in any proportion between the said two or more bidders at discretion of the County.
- 8 Clean up-Complete cleanup and proper disposal of any and all job related items is considered to be a part of any contract let by Craighead County.
- 9 Ambiguity in bid-Any ambiguity in any bid as the result of omission, error, lack of clarity or non-compliance specifications, instructions, and all conditions of bidding shall be construed in the light most favorable to the County
- 10 Construction  
A. When requested, the Contractor is to supply the County with evidence of having and maintaining proper and specifically Workman's Compensation Insurance in accordance with the laws of the State of Arkansas, Public Liability, and Property Damage. All premiums and cost shall be paid by Contractor. In no way will the County be responsible in case of accident.  
B. A Performance Bond equalling the total amount of any bid exceeding \$20,000 must be provided for erection of any public building, public structure, or public improvement(Pursuant to Arkansas Code 18-44-503.)
- 11 The County reserves the right to reject any and all bids, accept in whole or in part, to waive informalities in bids received, to accept bids on materials or equipment with variations from specifications in those cases where efficiency of operation will not be impaired, and unless otherwise specified by bidder, to accept any item in the bid. If unit prices and extensions thereof do not coincide, the County may accept the bid for the lesser amount whether reflected by extension or by the correct multiple of the unit price.

**INSTRUCTIONS TO BIDDERS**

(Please read carefully)

- 1 Submit bid on bid form attached or reverse side of this sheet.
- 2 Address all bids to: Purchasing Director, Craighead County Judge's Office, 511 Union St.; Suite 119, Jonesboro, Arkansas 72401 and make certain to indicate identifying bid number on the outside of bid envelope.
- 3 DO NOT include Federal Excise Tax in bid. County will furnish exemption certificate.
- 4 State Manufacturer, Brand Name, Model, etc. for each item bid on.
- 5 Samples of items, when required must be furnished free, and, if not called for within 30 days from date of bid opening, will be disposed of by the County
- 6 Bids received after stated time will not be considered.
- 7 Be sure and read all conditions and verify amounts before submitting bids. No changes or additions will be allowed after submission.
- 8 Guarantees and warranties should be attached as a part of the bid, as they may be a consideration in awarding contract.
- 9 Delivery or contract completion time is to be shown, as this date may, where time is of the essence, determine the contract award.
- 10 Additional information may be obtained from the Purchasing Department.

**THE COUNTY RESERVES THE RIGHT TO ACCEPT PART OR ALL OF ANY SPECIFIC BID OR BIDS  
AND TO ACCEPT BID WITH OR WITHOUT TRADE-IN, AND REJECT ANY AND ALL BIDS.**

	<b>General</b>				
A	Tractor Trucks (automatic transmissions) shall be the latest year model in current production with proven performance by manufacturer and shall meet all federal emissions and all other EPA regulations.(Specify year model)				
D	Note: Part of specifications may be Freightliner specific. Please bid equal equipment.				
	<b>VEHICLE SPECIFICATIONS</b>	<b>Meet Specifications</b>			
	<b>Vehicle Configuration</b>	<b>Yes</b>	<b>No</b>		
1	114SD CONVENTIONAL CHASSIS	✓			
2	SPECIFY MODEL YEAR 2020 (Or latest model in current production)	✓			
3	SET FORWARD AXLE - TRUCK	✓			
4	LH PRIMARY STEERING LOCATION	✓			
5	WHEEL BASE 193"	✓			
6	FREIGHTLINER LEVEL II WARRANTY	✓			
7	EXPECTED FRONT AXLE(S) LOAD : 12,000.0 lbs.	✓			
8	EXPECTED REAR DRIVE AXLE(S) LOAD : 40,000.0 lbs.	✓			
9	EXPECTED GROSS VEHICLE WEIGHT CAPACITY 52,000 lbs	✓			
10	EXPECTED GROSS COMBINATION WEIGHT 80,000lbs	✓			
11	DD13 12.8L 470 HP @ 1625 RPM, 1900 GOV RPM, 1650 LB/FT @ 975 RPM	✓			
12	2010 EPA/CARB FINAL EMISSION CERTIFICATION 2016 ON BOARD DIAGNOSTICS	✓			
13	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE	✓			
14	(3) DTNA GUNINE WITH 3875 CCA	✓			
15	POSITIVE AND NEGATIVE POSTS FOR JUMPSTART MOUNTED NEAR/ON BATTERY TRAY/BOX	✓			
16	ZF-SACHS 15-1/2 INCH TWIN XTEND ULTRA SOFT DAMPER CERAMIC CLUTCH	✓			
17	TORQUE LIMITING CLUTCH BRAKE	✓			
18	ZERK FITTING WITH EXTENSION HOSE AT CLUTCH RELEASE BEARING	✓			
19	BW MODEL BA-921 19.0 CFM SINGLE CYLINDER AIR COMPRESSOR WITH SAFETY VALVE	✓			
20	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM	✓			
21	JACOBS COMPRESSION BRAKE	✓			
22	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH LH B-PILLAR MOUNTED VERTICAL TAILPIPE	✓			
23	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH	✓			
24	BRIGHT UPPER STACK(S)	✓			
25	13 GALLON DIESEL EXHAUST FLUID TANK	✓			
26	BORG WARNER (KYSOR) REAR AIR ON/OFF ENGINE FAN CLUTCH	✓			
27	DDC SUPPLIED ENGINE MOUNTED FUEL FILTER/FUEL WATER SEPARATOR WITH WATER-IN-	✓			
28	PHILLIPS TEMRO 1500 WATT/115 VOLT BLOCK HEATER	✓			
29	1500 SQUARE INCH ALUMINUM RADIATOR	✓			
30	DELCO 12V 39MT+ HD/OCP STARTER WITH THERMAL PROTECTION AND INTEGRATED MAGNETIC SWITCH	✓			
31	ALLISON AUTOMATIC 4500 RDS TRANSMISSION WITH PTO PROVISIONS	✓			
32	MFS-18-133A 12,000# FL1 SINGLE FRONT AXLE	✓			
33	MERITOR 16.5X6 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES	✓			
34	MERITOR AUTOMATIC FRONT SLACK ADJUSTERS	✓			
35	TRW THP-60 POWER STEERING WITH RCH45 AUXILIARY GEAR	✓			
36	ROADRANGER SYNTHETIC FE 75W-90 FRONT AXLE LUBE	✓			

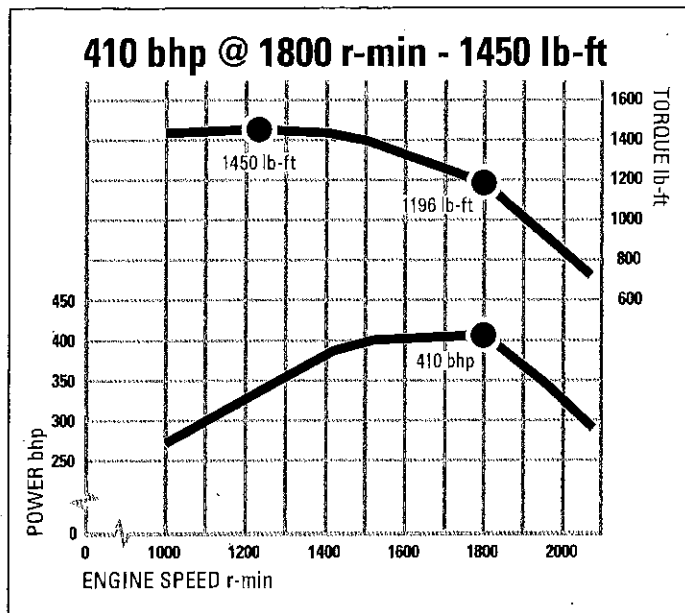


*46,000 rear end  
3 suspension*

37	12,000# TAPERLEAF FRONT SUSPENSION	✓			
38	FRONT SHOCK ABSORBERS	✓			
39	RT-46-160 40,000# EXTRA OUTER REAR SUSPENSION	✓			
40	3.91 REAR AXLE RATIO	✓			
41	MXL 176N MERITOR EXTENDED LUBE MAIN DRIVELINE WITH FULL ROUND YOKES	✓			
42	MXL 17N MERITOR EXTENDED LUBE INTERAXLE DRIVELINE WITH FULL ROUND YOKES	✓			
43	DRIVER CONTROLLED TRACTION DIFFERENTIAL - BOTH TANDEM REAR AXLES	✓			
44	(1) INTERAXLE LOCK VALVE, (1) DRIVER CONTROLLED DIFFERENTIAL LOCK FORWARD-REAR AND REAR-REAR AXLE VALVE	✓			
46	MERITOR 16.5X8.62 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES	✓			
47	BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE AXLE(S)	✓			
48	AIRLINER 40,000# EXTRA DUTY REAR SUSPENSION	✓			
49	FORE/AFT AND TRANSVERSE CONTROL RODS	✓			
50	WABCO 6S/6M ABS WITH TRACTION CONTROL WITH ATC OFF-ROAD SWITCH	✓			
51	PRIMARY CONNECTOR/RECEPTACLE WIRED FOR SEPARATE STOP/TURN, CENTER PIN	✓			
52	SAE J560 7-WAY PRIMARY TRAILER CABLE RECEPTACLE MOUNTED END OF FRAME	✓			
53	4900MM (193 INCH) WHEELBASE	✓			
54	11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8MM/0.344X10.94 INCH) 120KSI	✓			
	16.5 INCH CHROME STEEL STRAIGHT BUMPER	✓			
62	100 GALLON/378 LITER ALUMINUM FUEL TANK - LH	✓			
63	MICHELIN XDS2 11R22.5 16 PLY ALUMINUM WHEELS	✓			
64	114 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB	✓			
65	AIR CAB MOUNTS	✓			
66	NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE	✓			
67	CHROMED HOOD MOUNTED AIR INTAKE GRILLE	✓			
68	DUAL 26 INCH RECTANGULAR POLISHED ALUMINUM AIR HORNS ROOF MOUNTED	✓			
69	DUAL HORN SHIELDS	✓			
70	HALOGEN COMPOSITE HEADLAMPS WITH BRIGHT BEZELS	✓			
71	DUAL WEST COAST BRIGHT FINISH HEATED MIRRORS WITH LH AND RH REMOTE	✓			
72	DOOR MOUNTED MIRRORS	✓			
73	LH AND RH 8" BRIGHT FINISH CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS	✓			
74	TINTED DOOR GLASS LH AND RH WITH TINTED OPERATING WING WINDOWS	✓			
75	RH AND LH ELECTRIC POWERED WINDOWS	✓			
76	INTERIOR CONVENIENCE PACKAGE WITH CB PROVISION	✓			
77	2-1/2 LB. FIRE EXTINGUISHER	✓			
78	HEATER, DEFROSTER AND AIR CONDITIONER	✓			
79	CAB INSULATION	✓			
80	SOLID-STATE CIRCUIT PROTECTION AND FUSES	✓			
81	LH AND RH ELECTRIC DOOR LOCKS	✓			
82	(1) 12 VOLT POWER SUPPLY IN DASH	✓			
83	TRIANGULAR REFLECTORS WITHOUT FLARES	✓			
84	BOSTROM TALLADEGA 910 HIGH BACK AIR SUSPENSION DRIVER SEAT WITH AIR LUMBAR	✓			
85	HIGH BACK NON SUSPENSION PASSENGER SEAT	✓			
86	LH AND RH INTEGRAL DOOR PANEL ARMRESTS	✓			
87	CLOTH DRIVER SEAT COVER	✓			
88	CLOTH PASSENGER SEAT COVER	✓			
89	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN	✓			

90	97 DB BACKUP ALARM	✓			
91	ELECTRONIC CRUISE CONTROL WITH SWITCHES ON AUXILIARY GAUGE PANEL (B DASH PANEL)	✓			
92	ODOMETER/TRIP/HOUR/DIAGNOSTIC/VOLTAGE DISPLAY: 1X7 CHARACTER, 26 WARNING LAMPS, DATA LINKED, ICU3	✓			
93	DIAGNOSTIC INTERFACE CONNECTOR, 9 PIN, SAE J1939, LOCATED BELOW DASH	✓			
94	2 INCH ELECTRIC FUEL GAUGE	✓			
95	FUEL FILTER RESTRICTION INDICATOR	✓			
96	DUAL REAR AXLE TEMPERATURE GAUGES FOR TANDEM AXLES	✓			
97	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE	✓			
98	ENGINE OIL TEMPERATURE GAUGE	✓			
99	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE	✓			
100	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY	✓			
101	ELECTRIC ENGINE OIL PRESSURE GAUGE	✓			
102	AM/FM/WB RADIO WITH FRONT AUXILIARY INPUT	✓			
103	DASH MOUNTED RADIO	✓			
104	ELECTRONIC 3000 RPM TACHOMETER	✓			
105	TRAILER HAND CONTROL BRAKE VALVE	✓			
106	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE	✓			
107	PAINT: ONE SOLID COLOR	✓			
108	CAB COLOR (EQUAL TO L5495EB ULTRA RED PEARL METALLIC ELITE BC)	✓			
109	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT	✓			
	<b>Unit cost proposal</b>				
	Bidder shall list the purchase price per unit here and on top sheet. \$ <u>115,322.74 EA</u>				

## Horsepower and Torque Curve



## Power Ratings

### DD13 Engine Power Ratings

370 HP @ 1800 RPM	1250 lb-ft @ 1100 RPM
350 HP @ 1800 RPM	1350 lb-ft @ 1100 RPM
380 HP @ 1800 RPM	1350 lb-ft @ 1100 RPM
380 HP @ 1800 RPM	1450 lb-ft @ 1100 RPM
410 HP @ 1800 RPM	1450 lb-ft @ 1100 RPM
410 HP @ 1800 RPM	1550 lb-ft @ 1100 RPM
435 HP @ 1800 RPM	1550 lb-ft @ 1100 RPM
450 HP @ 1800 RPM	1550 lb-ft @ 1100 RPM
410 HP @ 1800 RPM	1650 lb-ft @ 1100 RPM
450 HP @ 1800 RPM	1650 lb-ft @ 1100 RPM
470 HP @ 1800 RPM	1650 lb-ft @ 1100 RPM

### DD13 Engine Multi-Torque Power Ratings

380 HP @ 1800 RPM	1350/1550 lb-ft @ 1100 RPM
410 HP @ 1800 RPM	1450/1650 lb-ft @ 1100 RPM

## Maintenance Intervals

Item	Mi/Hr†	Severe-Duty	Short-Haul	Long-Haul
Engine Oil and Filter Change*	Miles	25,000	35,000	50,000
	Hours	640	895	1,280
Fuel Filter Change	Miles	25,000	35,000	50,000
	Hours	640	895	1,280
Valve Lash Adjustment	Miles	Adjust at 100,000, at 500,000 and then every 500,000 thereafter.		
	Hours	Adjust at 2,565, at 12,825 and then every 12,825 thereafter.		
Diesel Particulate Filter	Miles	A "check engine light" will illuminate when ash requires removal. Normal DPF ash cleaning intervals are 300,000 to 400,000 miles.		
	Hours	A "check engine light" will illuminate when ash requires removal. Normal DPF ash cleaning intervals are 9,000 to 10,250 hours.		
DEF Pump Filter	Miles	150,000	175,000	250,000
	Hours	3,840	4,475	6,400

\* Based on using Detroit Diesel's lube oil and oil analysis program. Severe-duty is up to 30,000 annual miles and a vehicle that averages less than 5 miles per gallon (mpg). Short-haul is between 30,000 and 60,000 annual miles and a vehicle that averages between 5.1 and 5.9 mpg. Long-haul is over 60,000 annual miles and a vehicle that averages greater than 6 mpg.

† Miles/Hours, whichever occurs first.

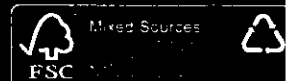
## Standard Warranty

Item	Warranty Limits (Whichever Occurs First)		Repair Charge (Paid by Owner)	
	Months	Miles / Kilometers	Parts	Labor
Engine	0-24	Unlimited	No charge	No charge
Injectors	0-24	200,000 mi / 320,000 km	No charge	No charge
Upon expiration of the 24-month warranty coverage, but within 500,000 mi / 800,000 km of use, the warranty continues to apply as follows:				
Major Components	25-60	500,000 mi / 800,000 km	No charge	Not covered



For more information, call 1-800-445-1980. [www.DetroitDiesel.com](http://www.DetroitDiesel.com)

DDC-EMC-FLY-0030-0210. Specifications are subject to change without notice. Detroit Diesel Corporation is registered to ISO 9001:2002. Copyright © Detroit Diesel Corporation. All rights reserved. Detroit Diesel Corporation and DD are trademarks.



DETROIT DIESEL  
BLUE EC

DD13

## Fuel-efficient design delivers bottom-line benefits.

Designed specifically for Less-Than-Truckload, Regional Distribution, and Vocational applications, the DD13™ engine with BlueTec® emissions technology delivers a smooth, quiet ride and up to 5% better fuel economy.\*

### Demand Economy

- Smart, fuel-efficient design makes the most of every gallon
  - Get up to 5% better fuel economy\*
  - Pulls strong down to 1100 RPM so drivers can spend more time in top gear
  - Amplified Common Rail System (ACRS™) optimizes each injection event to minimize fuel consumption
  - Advanced cooling system allows for decreased fan on time minimizing fuel consumption

### Demand Serviceability

- Lower your cost of ownership with easier serviceability
  - Longest scheduled maintenance intervals in its class
  - Oil, coolant and fuel filters are positioned above the frame rails for easier, faster and cleaner filter changes
  - Maintenance-free crankcase breather

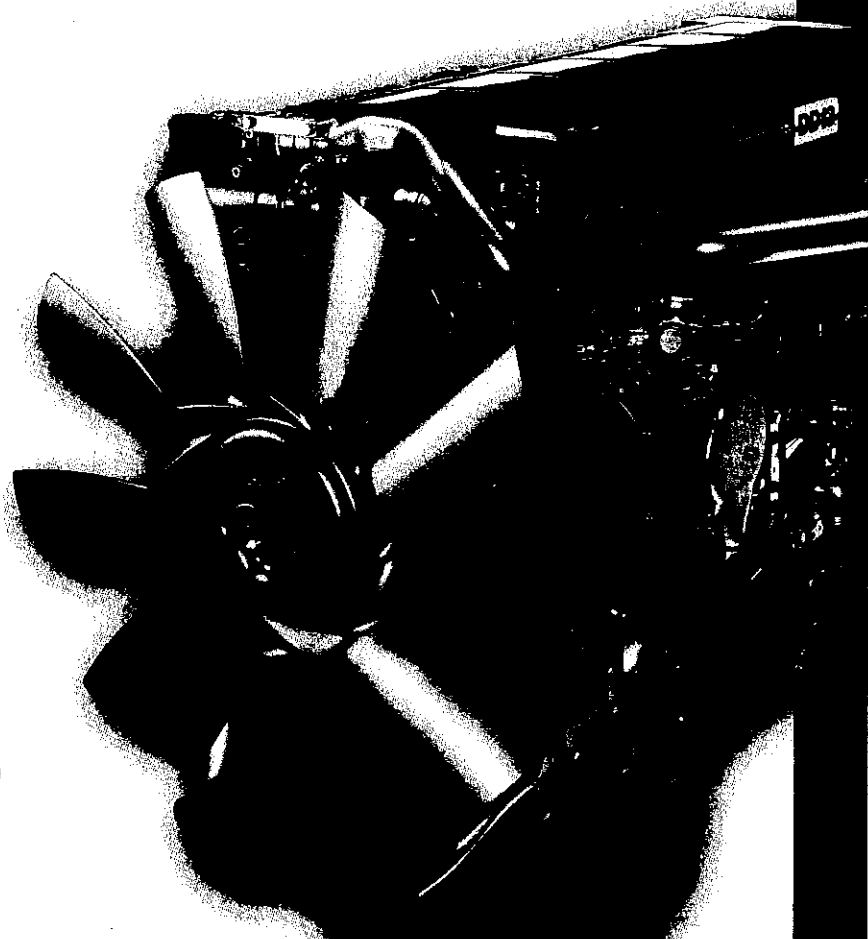
### Demand Performance

- Meet your deadline every time
  - Enjoy less shifting with an extremely wide and flat torque curve
  - Three-stage integrated Jacobs® engine brake offers quieter engine braking and provides superior braking horsepower for extended service brake life
  - Overall robust design provides B50 life of 1 million miles
  - Sturdy rear gear train and ribbed cast iron block minimize noise vibration harshness (NVH)
  - Wastegated asymmetrical turbocharger has fewer moving parts (compared with VGT design) for proven performance

### Demand BlueTec® Emissions Technology

- Proven BlueTec emissions technology meets EPA 2010 emissions requirements at the tailpipe
- Improves engine performance and fuel economy
- Simple to use, economical to own and time-tested experience
- Available with 1-Box™ emissions package

\*Compared to the DD13 EPA 2007 engine with comparable engine ratings and load weights.



### DD13 SPECIFICATIONS

Configuration	Inline 6 Cylinder
Displacement	781 cu. in. (12.8 L)
Compression Ratio	17.3:1
Bore	5.20 in. (132 mm)
Stroke	6.15 in. (156 mm)
Weight (Dry)	2540 lb. (1152 kg)
Electronics	DDEC® 10
Oil Capacity	39.5 L
Horsepower Range	350-470
Torque Range	1250-1650
Rear-Engine Power Take-Off	Optional

**CRAIGHEAD COUNTY**  
**INVITATION TO BID-Not an Order**  
 Craighead County Judge's Office  
 511 Union St.; Suite 119  
 Jonesboro, Arkansas 72401

PURCHASING OFFICE

**BID NO. 2018-36**

DATE: December 21, 2018

Sealed bids, subject to the conditions on the reverse hereof, and as may be attached hereto, will be received at this office until 2:00 PM January 10, 2019, local time and then publicly opened, for furnishing the supplies, materials, and/or services as described below.

Bids will be opened January 10, 2019,  
 2:00 P.M. Local time

F.O.B Jonesboro, Arkansas

BY: Al Haines

Maximum Delivery or completion time after issuance of Purchase

PURCHASING DIRECTOR

Order or work ordered by County 120 days.

Item #	DESCRIPTION	QUANT	UNIT	UNIT PRICE	AMOUNT
1	Furnish two (2) each Tractor Trucks with Automatic transmissions, fifth wheel, and all hydraulics and electrical components necessary for belly dump trailers to function. (EG dump, brakes, lighting, other required safety items) to Craighead County Road Department, 2800 Moore Road, Jonesboro, AR. 72401 according to attached specifications. Trucks are to be made ready for belly dump trailer operations. Bidders are encouraged to review belly dump trailers located at Craighead County Road Shop, 2800 Moore Rd, Jonesboro, AR 72401.	2			
2	This bid package contains 5 pages. All 5 pages must be returned to complete bid.				
3	Bid must be signed by authorized company representative.				
4	Bidder should: A. Clearly define and list warranty information on each item in years. B. Include all labor, delivery charges, training, programming, and any other charges FOB Jonesboro, Arkansas 72401, in bid price. C. Include product literature and specifications with bid. D. All relevant information will be considered when determining best bid for Craighead County. E. Specify cash discounts, if available. F. Note bid number on outside of bid envelope. G. Specify approximate ship time in days, if awarded bid. F. List make, model, and manufacturer of equipment being offered. G. Quote same or equal equipment in all aspects. H. Specify nearest service and parts supply location to Jonesboro, AR.				
5	Does bidder meet all tractor truck specifications? Yes <u>    </u> No <u>X</u> Requirements: <u>YES</u> Exact Specification: <u>NO</u> If no, clearly list and define differences on a separate sheet.				
6	Attached equipment list with names and part numbers is for reference.				
7	Bidder should put total bid price on this sheet. Total bid price is \$ <u>107,307.33</u> per Truck				

TOTAL  
 (214,614.66)

**EXECUTION OF BID**

Date 1/8/19

We, the undersigned, have read all the requirements set forth in this bid proposal including specifications, instructions, conditions, and pertinent information regarding the articles being bid on, and we agree to furnish articles at the prices stated.

Arkansas Use-Tax Register No. 0116396-78-001

Bidder [Signature] Address 1333 E Parker Rd 72404

(Person Authorized to Sign Bids) Title NEW TRUCK SALES MGR.

**UNSIGNED BIDS WILL BE REJECTED**

**BIDS ARE SUBJECT TO REJECTION UNLESS SUBMITTED ON THIS FORM**

**NOTICE TO BIDDERS, SEE REVERSE SIDE OR ATTACHMENTS FOR INSTRUCTIONS AND CONDITIONS.**



**CRAIGHEAD COUNTY  
JONESBORO, ARKANSAS  
CONDITIONS OF BIDDING**

**Compliance with the following conditions is necessary for consideration of this bid.**

- 1 Signature-This bid must be signed with the firm name and by an authorized officer, employee or agent.
- 2 Sales Tax-Is not to be shown in the bid price, but is to be added by the vendor to the invoice billing to the County.  
The County is exempt from Arkansas State Sales Tax on road equipment and vehicles. Contractors are to include all costs into the bid price, including applicable taxes.
- 3 Freight and other delivery charges-to destination at designated County facility in the County must be included in bid.  
Charges may not be added after the bid is opened.
- 4 Discounts-Show rate, total amount, and latest day any discounts will be allowed after receipt of article and invoice, otherwise County will deduct allowed discount when payment is made.
- 5 Firm Price-All prices quoted will remain firm for at least 30 days from date of bid, unless otherwise specified by the County or bidder
- 6 Tax Exempt-Craighead County is exempt from State sales tax on self propelled equipment and motor vehicles.  
Example: Motor graders, excavators, dozers, dump trucks, pickup trucks, etc.
- 7 Identical Bids-In the event of two or more identical low bids, the contract may be awarded arbitrarily or for any reason to any of such bidders, or split in any proportion between the said two or more bidders at discretion of the County.
- 8 Clean up-Complete cleanup and proper disposal of any and all job related items is considered to be a part of any contract let by Craighead County.
- 9 Ambiguity in bid-Any ambiguity in any bid as the result of omission, error, lack of clarity or non-compliance specifications, instructions, and all conditions of bidding shall be construed in the light most favorable to the County
- 10 Construction  
A. When requested, the Contractor is to supply the County with evidence of having and maintaining proper and specifically Workman's Compensation Insurance in accordance with the laws of the State of Arkansas, Public Liability, and Property Damage. All premiums and cost shall be paid by Contractor. In no way will the County be responsible in case of accident.  
B. A Performance Bond equaling the total amount of any bid exceeding \$20,000 must be provided for erection of any public building, public structure, or public improvement.(Pursuant to Arkansas Code 18-44-503.)
- 11 The County reserves the right to reject any and all bids, accept in whole or in part, to waive informalities in bids received, to accept bids on materials or equipment with variations from specifications in those cases where efficiency of operation will not be impaired, and unless otherwise specified by bidder, to accept any item in the bid. If unit prices and extensions thereof do not coincide, the County may accept the bid for the lesser amount whether reflected by extension or by the correct multiple of the unit price.

**INSTRUCTIONS TO BIDDERS**

(Please read carefully)

- 1 Submit bid on bid form attached or reverse side of this sheet.
- 2 Address all bids to: Purchasing Director, Craighead County Judge's Office, 511 Union St.; Suite 119, Jonesboro, Arkansas 72401 and make certain to indicate identifying bid number on the outside of bid envelope.
- 3 DO NOT include Federal Excise Tax in bid. County will furnish exemption certificate.
- 4 State Manufacturer, Brand Name, Model, etc. for each item bid on.
- 5 Samples of items, when required must be furnished free, and, if not called for within 30 days from date of bid opening, will be disposed of by the County
- 6 Bids received after stated time will not be considered.
- 7 Be sure and read all conditions and verify amounts before submitting bids. No changes or additions will be allowed after submission.
- 8 Guarantees and warranties should be attached as a part of the bid, as they may be a consideration in awarding contract.
- 9 Delivery or contract completion time is to be shown, as this date may, where time is of the essence, determine the contract award.
- 10 Additional information may be obtained from the Purchasing Department.

**THE COUNTY RESERVES THE RIGHT TO ACCEPT PART OR ALL OF ANY SPECIFIC BID OR BIDS  
AND TO ACCEPT BID WITH OR WITHOUT TRADE-IN, AND REJECT ANY AND ALL BIDS.**

	<b>General</b>					
A	Tractor Trucks (automatic transmissions) shall be the latest year model in current production with proven performance by manufacturer and shall meet all federal emissions and all other EPA regulations. (Specify year model)					
D	Note: Part of specifications may be Freightliner specific. Please bid equal equipment.					
	<b>VEHICLE SPECIFICATIONS</b>	Meet Specifications				
	<b>Vehicle Configuration</b>	Yes	No			
1	114SD CONVENTIONAL CHASSIS	X				
2	SPECIFY MODEL YEAR 2020 (Or latest model in current production)	X				
3	SET FORWARD AXLE - TRUCK	X				
4	LH PRIMARY STEERING LOCATION	X				
5	WHEEL BASE 193"		X		202 Index	
6	FREIGHTLINER LEVEL II WARRANTY	X				
7	EXPECTED FRONT AXLE(S) LOAD : 12,000.0 lbs.	X				
8	EXPECTED REAR DRIVE AXLE(S) LOAD : 40,000.0 lbs.	X				
9	EXPECTED GROSS VEHICLE WEIGHT CAPACITY 52,000 lbs	X				
10	EXPECTED GROSS COMBINATION WEIGHT 80,000lbs	X				
11	DD13 12.8L 470 HP @ 1625 RPM, 1900 GOV RPM, 1650 LB/FT @ 975 RPM	X			445 HP at the wheel End	
12	2010 EPA/CARB FINAL EMISSION CERTIFICATION 2016 ON BOARD DIAGNOSTICS	X			FRB measures at Flywheel and gets a 20% increase to the HP Rating	
13	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE	X				
14	(3) DTNA GUNINE WITH 3875 CCA	X				
15	POSITIVE AND NEGATIVE POSTS FOR JUMPSTART MOUNTED NEAR/ON BATTERY TRAY/BOX	X				
16	ZF-SACHS 15-1/2 INCH TWIN XTEND ULTRA SOFT DAMPER CERAMIC CLUTCH	X				
17	TORQUE LIMITING CLUTCH BRAKE	X				
18	ZERK FITTING WITH EXTENSION HOSE AT CLUTCH RELEASE BEARING	X				
19	BW MODEL BA-921 19.0 CFM SINGLE CYLINDER AIR COMPRESSOR WITH SAFETY VALVE	X				
20	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM	X				
21	JACOBS COMPRESSION BRAKE	X				
22	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH LH B-PILLAR MOUNTED VERTICAL TAILPIPE	X				
23	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH	X				
24	BRIGHT UPPER STACK(S)	X				
25	13 GALLON DIESEL EXHAUST FLUID TANK	X			18 gallon	
26	BORG WARNER (KYSOR) REAR AIR ON/OFF ENGINE FAN CLUTCH	X				
27	DDC SUPPLIED ENGINE MOUNTED FUEL FILTER/FUEL WATER SEPARATOR WITH WATER-IN-	X				
28	PHILLIPS TEMRO 1500 WATT/115 VOLT BLOCK HEATER	X				
29	1500 SQUARE INCH ALUMINUM RADIATOR	X				
30	DELCO 12V 39MT+ HD/OCF STARTER WITH THERMAL PROTECTION AND INTEGRATED MAGNETIC SWITCH	X				
31	ALLISON AUTOMATIC 4500 RDS TRANSMISSION WITH PTO PROVISIONS		X		MACK drive AMT 12 speed	
32	MFS-18-133A 12,000# FL1 SINGLE FRONT AXLE	X				
33	MERITOR 16.5X6 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES	X	X		16.5 x 5	
34	MERITOR AUTOMATIC FRONT SLACK ADJUSTERS	X				
35	TRW THP-60 POWER STEERING WITH RCH45 AUXILIARY GEAR	X				
36	ROADRANGER SYNTHETIC FE 75W-90 FRONT AXLE LUBE	X				

37	12,000# TAPERLEAF FRONT SUSPENSION	X				
38	FRONT SHOCK ABSORBERS	X				
39	RT-46-160 40,000# EXTRA OUTER REAR SUSPENSION	X				
40	3.91 REAR AXLE RATIO		X	3.42		
41	MXL 176N MERITOR EXTENDED LUBE MAIN DRIVELINE WITH FULL ROUND YOKES	X				
42	MXL 17N MERITOR EXTENDED LUBE INTERAXLE DRIVELINE WITH FULL ROUND YOKES	X				
43	DRIVER CONTROLLED TRACTION DIFFERENTIAL - BOTH TANDEM REAR AXLES	X				
44	(1) INTERAXLE LOCK VALVE, (1) DRIVER CONTROLLED DIFFERENTIAL LOCK FORWARD-REAR AND REAR-REAR AXLE VALVE	X				
46	MERITOR 16.5X8.62 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES		X	16.5x7		
47	BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE AXLE(S)	X				
48	AIRLINER 40,000# EXTRA DUTY REAR SUSPENSION	X				
49	FORE/AFT AND TRANSVERSE CONTROL RODS	X				
50	WABCO 6S/6M ABS WITH TRACTION CONTROL WITH ATC OFF-ROAD SWITCH	X				
51	PRIMARY CONNECTOR/RECEPTACLE WIRED FOR SEPARATE STOP/TURN, CENTER PIN	X				
52	SAE J560 7-WAY PRIMARY TRAILER CABLE RECEPTACLE MOUNTED END OF FRAME	X		202 Inches		
53	4900MM (193 INCH) WHEELBASE		X	<del>202</del>		
54	11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8MM/0.344X10.94 INCH) 120KSI	X				
	16.5 INCH CHROME STEEL STRAIGHT BUMPER	X				
62	100 GALLON/378 LITER ALUMINUM FUEL TANK - LH	X				
63	MICHELIN XDS2 11R22.5 16 PLY ALUMINUM WHEELS	X				
64	114 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB	X				
65	AIR CAB MOUNTS	X				
66	NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE	X				
67	CHROMED HOOD MOUNTED AIR INTAKE GRILLE	X				
68	DUAL 26 INCH RECTANGULAR POLISHED ALUMINUM AIR HORNS ROOF MOUNTED	X				
69	DUAL HORN SHIELDS	X				
70	HALOGEN COMPOSITE HEADLAMPS WITH BRIGHT BEZELS	X				
71	DUAL WEST COAST BRIGHT FINISH HEATED MIRRORS WITH LH AND RH REMOTE	X				
72	DOOR MOUNTED MIRRORS	X				
73	LH AND RH 8" BRIGHT FINISH CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS	X				
74	TINTED DOOR GLASS LH AND RH WITH TINTED OPERATING WING WINDOWS	X				
75	RH AND LH ELECTRIC POWERED WINDOWS	X				
76	INTERIOR CONVENIENCE PACKAGE WITH CB PROVISION	X				
77	2-1/2 LB. FIRE EXTINGUISHER	X				
78	HEATER, DEFROSTER AND AIR CONDITIONER	X				
79	CAB INSULATION	X				
80	SOLID-STATE CIRCUIT PROTECTION AND FUSES	X				
81	LH AND RH ELECTRIC DOOR LOCKS	X				
82	(1) 12 VOLT POWER SUPPLY IN DASH	X				
83	TRIANGULAR REFLECTORS WITHOUT FLARES	X				
84	BOSTROM TALLADEGA 910 HIGH BACK AIR SUSPENSION DRIVER SEAT WITH AIR LUMBAR	X				
85	HIGH BACK NON SUSPENSION PASSENGER SEAT	X				
86	LH AND RH INTEGRAL DOOR PANEL ARMRESTS	X				
87	CLOTH DRIVER SEAT COVER	X	X	Vinyl		
88	CLOTH PASSENGER SEAT COVER	X	X	Vinyl		
89	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN	X				

90	97 DB BACKUP ALARM	X				
91	ELECTRONIC CRUISE CONTROL WITH SWITCHES ON AUXILIARY GAUGE PANEL (B DASH PANEL)	X				
92	ODOMETER/TRIP/HOUR/DIAGNOSTIC/VOLTAGE DISPLAY: 1X7 CHARACTER, 26 WARNING LAMPS, DATA LINKED, ICU3	X				
93	DIAGNOSTIC INTERFACE CONNECTOR, 9 PIN, SAE J1939, LOCATED BELOW DASH	X				
94	2 INCH ELECTRIC FUEL GAUGE	X				
95	FUEL FILTER RESTRICTION INDICATOR	X				
96	DUAL REAR AXLE TEMPERATURE GAUGES FOR TANDEM AXLES	X				
97	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE	X				
98	ENGINE OIL TEMPERATURE GAUGE	X				
99	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE	X				
100	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY	X				
101	ELECTRIC ENGINE OIL PRESSURE GAUGE	X				
102	AM/FM/WB RADIO WITH FRONT AUXILIARY INPUT	X				
103	DASH MOUNTED RADIO	X				
104	ELECTRONIC 3000 RPM TACHOMETER	X				
105	TRAILER HAND CONTROL BRAKE VALVE	X				
106	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE	X				
107	PAINT: ONE SOLID COLOR	X				
108	CAB COLOR (EQUAL TO L5495EB ULTRA RED PEARL METALLIC ELITE BC)	X				
109	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT	X				
	<b>Unit cost proposal</b>					
	Bidder shall list the purchase price per unit here and on top sheet. \$ <u>107,307.33</u>					

# STANDARD TRUCK WARRANTY CERTIFICATE



Mack Trucks warrants certain individual components of the new Mack truck to be free from defects in material and workmanship under normal use and service up to the periods as specified, provided all Mack Trucks' maintenance and inspection requirements are followed. See your local authorized Mack dealer for recommended maintenance and inspection procedures. All warranty periods are calculated from date in service of the vehicle. All coverage is 100% for parts and labor subject to the qualifications, limitations, and exclusions as noted.

**LIMITATIONS AND EXCLUSIONS TO THIS WARRANTY APPEAR ON THE REVERSE SIDE OF THIS CERTIFICATE.  
THESE LIMITATIONS AND EXCLUSIONS ARE IMPORTANT AND MUST BE READ AND UNDERSTOOD.**

This warranty applies to **Model Year 2020 trucks**, manufactured by Mack Trucks, operated in the United States and Canada with **EPA 17 engines**. Specific coverage is based on the application and weight class as described in the following chart:

	<b>Standard NORMAL DUTY</b>	<b>Standard HEAVY DUTY</b>	<b>Standard SEVERE DUTY</b>
<b>Typical Vocations</b>	Line / Long Haul, Short Haul, or Pickup & Delivery	Heavy Line Haul, Construction, Refuse, Fire or Rescue Service	Heavy Construction, Heavy Refuse, Off-Road, Heavy Haul, Mining, Logging, or Oil Field
<b>Weight Class Qualifications</b>	Vehicle must have GVWR ≤ 63,000 lbs. (≤ 28 metric tons) or GCWR ≤ 110,000 lbs. (≤ 50 mt.)	Vehicle must have GVWR ≤ 80,000 lbs. (≤ 36 mt.) or GCWR ≤ 143,000 lbs. (≤ 65 mt.)	Vehicle must have GAWR > 52,000 lbs. (> 23.5 mt.) or GVWR > 80,000 lbs. (> 36 mt.) or GCWR > 143,000 lbs. (> 65 mt.)
<b>Basic Coverage *</b>	12 months or 100,000 miles (160 934 km)	12 months or 100,000 miles (160 934 km)	12 months or 100,000 miles (160 934 km)
<b>Chassis Towing</b>	Towing/Road Service coverage is limited to 90 days or 5,000 miles (8047 km), whichever occurs first, limited to the truck (less trailer) and to a single tow per incident to the nearest authorized Mack Trucks service center. Charges in excess of \$1,000 are not covered unless Mack OneCall™ service is contacted and approves additional amounts prior to tow.		Not Applicable
<b>Air Conditioning</b>	Air conditioning (sealed system only) is covered for 12 months with no mileage limitation.		
<b>Engine / Emission</b>	Not covered under this warranty certificate. See respective engine manufacturer's warranty certificate. See paragraph 19 on reverse side.		
<b>Transmission, Driveline, Rear Axle, Front Non-Drive Steer Axle</b>	36 months or 350,000 miles (563 270 km) Covered Components are as follows: • Manual Transmission – Transmission assembly • Rear Axle – Differential carrier assembly & axle housing • Front Non-Drive Steer Axle – Axle beam, steering knuckle, & tie rod • Driveline – Bearings, hangers & shafts Allison Automatic Transmissions are not covered under this warranty certificate. See paragraph 19 on reverse side.		12 months or 100,000 miles (160 934 km)
<b>Mack Carrier &amp; Axle Housing</b>	60 months or 500,000 miles (804 672 km)	36 months or 300,000 miles (482 803 km)	12 months or 100,000 miles (160 934 km)
<b>Mack T300 Transmission</b>	60 months or 750,000 miles (1 207 008 km)	36 months or 400,000 miles (643 738 km)	12 months or 100,000 miles (160 934 km)
<b>mDRIVE™ Transmission</b>	60 months or 750,000 miles (1 207 008 km) mDRIVE™ and mDRIVE™ HD	mDRIVE™: 36 months or 250,000 miles (402 336 km); mDRIVE™ HD: 36 months with no mileage limitation	12 months or 100,000 miles (160 934 km); mDRIVE™ HD: 24 months with no mileage limitation
<b>mDRIVE™ Clutch</b>	36 months or 300,000 miles (482 803 km) mDRIVE™ and mDRIVE™ HD	36 months or 250,000 miles (402 336 km) mDRIVE™ and mDRIVE™ HD	mDRIVE™: 12 months or 100,000 miles (160 934 km); mDRIVE™ HD: 24 months or 250,000 miles (402 336 km)
<b>mDRIVE™ &amp; T300 Towing</b>	Towing/Road Service on warrantable transmission failures is covered to 24 months or 250,000 miles (402 336 km) whichever occurs first, limited to the truck (less trailer), and to a single tow per incident to the nearest authorized Mack Trucks service center. Charges in excess of \$1,000 are not covered unless Mack OneCall™ service is contacted and approves additional amounts prior to tow.		Not Applicable
<b>Trunnion Bracket</b>	36 months or 300,000 miles (482 803 km) Limited to Trunnion Bracket & Spindle, Suspension Trunnion (Except Bushings)		12 months or 100,000 miles (160 934 km) (same restrictions as Normal & Heavy)
<b>Cab Structure</b>	60 months or 500,000 miles (804 672 km)	24 months or 200,000 miles (321 869 km)	12 months or 100,000 miles (160 934 km)
<b>Internal Cab Corrosion</b>	60 months or 500,000 miles (804 672 km)	60 months or 500,000 miles (804 672 km)	60 months or 500,000 miles (804 672 km)
	Covered only where metal is perforated from the inside to the outside. See paragraph 18 on the reverse side.		
<b>Frame Rail / Crossmembers</b>	60 months or 500,000 miles (804 672 km) AN/CXU/PI/CHU Models Only: 72 months or 750,000 miles (1 207 008 km)	36 months or 300,000 miles (482 803 km) GR/GU Model only: 60 months or 500,000 miles (804 672 km)	12 months or 100,000 miles (160 934 km)
<b>Noise Emission</b>	LIFE OF VEHICLE: Mack Trucks warrants to the first purchaser of this vehicle for purposes other than resale, and to each subsequent purchaser, that this vehicle was designed, built and equipped to conform, at the time of sale to such first purchaser, with all applicable U.S. EPA noise control regulations. This warranty is not limited to any vehicle particular part, component, or system of the vehicle. Defects in the design, assembly, or any part, component or system of the vehicle, which at the time of sale to such first purchaser, caused noise emission levels to exceed Federal standards, are covered by this warranty for the life of the vehicle. EXCLUSIONS: Failures which arise as a result of tampering rather than from defects in the design, assembly, or any part, components, or system of the vehicle are not covered by this warranty.		

\*Covered for 30 Days: Fluorescent Lights or Ballast, Light Bulbs, Fuses, Wiper Blades, and All Filters (oil, fuel, air, etc.).

Covered for 90 Days: Loose Fasteners, Leaking Fittings, or Loose Hose Clamps.



## THESE LIMITATIONS AND EXCLUSIONS ARE IMPORTANT AND MUST BE READ AND UNDERSTOOD.

**LIMITATIONS** – Mack Trucks' obligation is limited to, at its sole option, repair or replacement of parts which are acknowledged by it to be defective. The defective parts or assemblies replaced shall become the property of Mack Trucks. Warranty repairs performed by an authorized Mack dealer in accordance with the terms of the warranty set forth herein are free of charge. Warranty consideration can only be given if the deficiency is brought to the attention of an authorized Mack dealer upon discovery and the vehicle must be made available, in a timely fashion during the coverage period, for repair.

### EXCLUSIONS:

1. **REPAIR:** In the case of acknowledged defective Covered Parts, exchange with factory remanufactured parts may occur. Warranty repairs do not constitute an extension of any warranty period for any vehicle, component or part.
2. **DAMAGES:** Damages due to misapplication, misuse, accidents, negligence, improper operations, alterations, storage or transport, operation at excessive speeds, loading beyond the factory rated load capacity, failure to follow Mack Trucks' recommended inspection, maintenance, and service procedures, and improper or insufficient maintenance services are not covered.
3. **PROGRESSIVE DAMAGE:** Damages due to failure of operator to take reasonable precautions to mitigate damage are not covered. Damages to a Covered Part due to failure of non-covered part are not covered. Coverage is limited to failure of a Covered Part directly causing failure of a non-covered part, where reasonable precautions were taken to mitigate damages.
4. **APPLICATION:** The selling dealer is responsible for designating the correct application and/or specification for a vehicle sold to a customer. Damages due to misapplication, including but not limited to, failures of component parts of vehicles being operated in excess of factory rated load capacities, or the use of a vehicle, component or part for a purpose for which it was not intended are not covered.
5. **ALTERATIONS:** Any vehicle, component or part repaired, altered, or inspected in any way, so as to adversely affect, in Mack Trucks' sole judgment, its stability, durability, or reliability, is not covered.
6. **NON-ORIGINAL EQUIPMENT:** Any part of the vehicle that fails, malfunctions, or does not perform as a result of improper conversion or installation of bodies or equipment by other manufacturers or suppliers is not covered.
7. **MAINTENANCE AND PARTS CONSUMED:** Maintenance and inspection requirements found in the Operator's Manuals and service manuals/instructions, including, but not limited to, engine tune-up, fuel system cleaning, replacement of lubricants and filter elements, adjustments of the engine injection pump/transmission/brakes/linkages, as well as diagnosis, test time and all other adjustments must be followed and are not covered. Parts which are normally consumed or worn out during the vehicle's normal service life and customarily replaced during usual maintenance service, including, but not limited to, mud flaps and brackets, brake linings, clutch brake, and clutch linings, are not covered.
8. **PERFORMANCE COMPLAINTS:** Performance complaints are not covered (including, but not limited to, low power and/or poor fuel economy). Coverage is limited to defects in material and workmanship of a Covered Part directly causing the performance issue.
9. **WEAROUT:** Mack Trucks does not cover normal wear of Covered Parts. Failures attributable to wear are excluded. For example and without limitation, the wear rate of parts in any engine or transmission, and especially those parts within the combustion area and clutch housing area, will vary depending upon operating conditions and environment. Conditions, such as load, trailer configuration, road speed and road conditions, as well as the quality of fuel, lubrication oil, and all filters bear a direct relationship to the wear rate and resulting life of parts. Depending upon the severity of these various conditions, parts wear and resulting failure could occur within the time limit of the coverage.
10. **NON-GENUINE PARTS:** Any failure of any vehicle, component or part caused by the use of parts and accessories, or major assemblies and exchange units, which do not meet factory standards is not covered.
11. **ODOMETER READING:** Any vehicle on which the actual mileage or hours cannot readily be determined, or on which the odometer, hour meter, or Electronic Control Unit has been disconnected, disabled, or altered, may not be covered by this warranty.
12. **ACCESS TO INFORMATION:** Owner must allow Mack Trucks full access to all data stored in all Electronic Control Modules; failure to do so may result in the loss of warranty coverage.
13. **LABOR:** Labor to remove and install a Covered Part is included only if a Mack Trucks authorized dealer originally installed the Covered Part. Labor for overtime and/or shift differential is not covered. Excessive labor for a warrantable repair due to the prior installation of equipment or body is not covered.
14. **MISC. EXPENSE:** Meals, lodging, communications charges, travel time and expense, loss of cargo, downtime, loss of profit/revenue, rental vehicles, driver's wages and other miscellaneous expenses are not covered. Shop supplies, lube oil, lubricants, sealers, anti-freeze, filter elements and labor performed by a non-approved location are not covered.
15. **ADDITIONAL COMPONENTS:** Components or parts that are not installed by Mack Trucks, including winches, power take-offs, dumper, mixer and refuse assemblies, hoists and bodies or other special equipment are not covered. During a warrantable repair, additional time to remove any customer installed components will not be covered under warranty. Mack Trucks' factory manufacturing records will be determinative as to factory installed components.
16. **TOWING:** Unless expressly provided in this Warranty Certificate, expenses for towing or road service are not covered. Failures caused by improper towing technique are not covered.
17. **SUSPENSION PARTS:** Suspension parts, including but not limited to rubber bushings, torque rod bushings, spring pins and bushings, and greased lubrication points that fail due to improper maintenance, abnormally severe service or abuse are not covered.
18. **CAB STRUCTURE AND CORROSION:** Cab structural defects or cab corrosion that occurs in areas of the cab that previously were damaged, repaired, altered or modified are not covered. Cab corrosion where metal is perforated from the outside to the inside is not covered.
19. **VENDOR ENGINES, ALLISON AUTOMATIC TRANSMISSIONS AND ALTERNATE FUEL STORAGE AND DELIVERY SYSTEMS:** Vendor engines, Allison automatic transmissions and alternate fuel (CNG/LNG/DME) fuel storage/delivery components used in Mack trucks are warranted by their respective manufacturers and not by Mack Trucks, Inc. Refer to the manufacturers' warranty statements.
20. **OIL CONSUMPTION:** Before a claim based upon excessive oil consumption will be considered, the owner must provide proof that all recommended maintenance has been performed and submit adequate documentation to show that oil consumption exceeds Mack Trucks' published standards. Under no circumstances will warranty pay for repairs related to excessive oil consumption after the earlier of 24 months, 250,000 miles, or 402,000 kilometers.
21. **ENVIRONMENTAL DAMAGE:** Parts made out of cloth, leather, wood, rubber, synthetics, paint or chrome which have been affected by exposure to the elements or chemical influence including, but not limited to, road salt/chemicals, industrial fall-out or the use of improper cleaners, polishes and/or waxes are not covered.
22. **ALIGNMENT:** Alignment of axle(s), balance of tires, changing of axle camber, caster, toe and thrust angle are not covered.
23. **GLASS:** Glass breakage and scratches are not covered unless physical proof of manufacturing responsibility is established.
24. **TIRES:** Tires are not covered by this warranty, but may be covered by separate warranties given by their respective manufacturers.
25. **CHANGES:** Mack Trucks reserves the right to make any changes in design, or make additions to or upon its products, without incurring any obligations to install the same changes on vehicles previously built.

**THIS WARRANTY IS MADE EXPRESSLY IN LIEU OF ANY OTHER WARRANTIES, REPRESENTATIONS OR CONDITIONS, STATUTORY OR OTHERWISE, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND OF ANY OTHER OBLIGATION OR LIABILITY ON THE PART OF THE MANUFACTURER INCLUDING, WITHOUT LIMITATION OF THE FOREGOING, CONSEQUENTIAL, INDIRECT, AND INCIDENTAL DAMAGES. MANUFACTURER NEITHER ASSUMES NOR AUTHORIZES ANY PERSON TO ASSUME FOR IT ANY OTHER LIABILITY IN CONNECTION WITH THE SALE OF VEHICLES, COMPONENTS OR PARTS.**

**MAEK®**

Mack Trucks, Inc.  
Post Office Box 26259  
7825 National Service Road  
Greensboro, North Carolina 27409




## TECHNICAL SPECIFICATION

### PINNACLE 64T DAYCAB MACK SPEC

APPLICATION PACKAGES			DESCRIPTION
S	MBF01F	VAN / REEFER APPLICATION RECOMMENDATION	WITHOUT VAN / REEFER AR SPECIFICATION
S	MBA01A	DUMP APPLICATION RECOMMENDATION	WITHOUT DUMP AR SPECIFICATION
S	MBE01E	BULK HAULER / TANKER APPLICATION RECOMMENDATION	WITHOUT BULK HAULER / TANKER AR SPECIFICATION
S	MBG01G	FLATBED/LOWBOY APPLICATION RECOMMENDATION	WITHOUT FLATBED/LOWBOY AR SPECIFICATION

CUSTOMER/VEHICLE INFO			DESCRIPTION
S	002F62	CHASSIS (BASE MODEL)	PINNACLE 64T DAYCAB MACKSPEC
S	99X93X	FINAL ASSEMBLY PLANT	Made in Macungie, PA USA
S	PB10A1	PRICE BOOK LEVEL	2020A Pricebook
S	J7DACX	PRODUCTION ORDER PLANNING (CA)	PRODUCTION ORDER PLANNING, SHORT TO MEDIUM LEAD TIME
	A19059	VEHICLE MODEL YEAR	2020 MODEL YEAR
S	MP2001	CUSTOMER FLEET SIZE	DEALER FLEET WITH LESS THAN 25 VEHICLES IN OWN FLEET OF ANY VEHICLE BRAND
S	M45001	ORDER TYPE REQUIREMENTS	RETAIL OR STOCK - CUSTOM SPECIFICATIONS
S	013001	TYPE OF SERVICE	COMMERCIAL
S	M98018	WARRANTY REGISTRATION LOCATION	US - WARRANTY REGISTRATION LOCATION
S	505015	INITIAL REGISTRATION LOCATION	ALL 50 STATES, CARB ENGINE EMISSION (US17)
S	534014	LANGUAGE-PUBS/DECAL/SIGNS	ENGLISH
S	005005	VEHICLE USE & BODY/TRAILER TYPE	VAN TRAILER
S	78XB1X	TRANSPORT CYCLE	LOCAL DISTRIBUTION
S	DKXG2X	GROSS COMBINATION WEIGHT	80,000 LB (36 TONNES) GROSS COMBINATION WEIGHT
S	70BC1X	BRAKE REGULATION	BRAKE REGULATION, STOPPING DISTANCE 76M (250FT)
S	QCXB1X	TOPOGRAPHY	GRADES <6% GREATER THAN 98% OF DRIVING DISTANCE MAX GRADE 16%
S	E1BD1X	AMBIENT TEMP UPPER LIMIT (GTA)	AMBIENT TEMPERATURE HOT. WARMER THAN 104 F (40 C) ALLOWED UP TO 25 HOURS PER YEAR
S	032A79	TERRAIN GRADE	ON HIGHWAY, STARTING GRADES<16%
S	033A10	LOADING SURFACE	CONCRETE LOADING AND / OR UNLOADING SURFACE
S	0341A1	VEHICLE VOCATION	LINEHAUL / LONG HAUL SERVICE

ENGINE/TRANSMISSIONS			DESCRIPTION
	100110	<b>ENGINE PACKAGE, COMBUSTION</b>	MP8-445C MACK 445HP @ 1300-1700 RPM (PEAK) 1950 RPM (GOV) 1860 LB-FT, US'17
S	Q1CA1X	<b>GEAR SELECTION TUNING</b>	BASIC, GEAR-SELECTION TUNING
S	J3DZ1X	<b>SCALABLE ROAD SPEED LIMITER</b>	WITHOUT SCALABLE ROAD SPEED LIMITER
S	3GCA1X	<b>GHG APPLICATION, VEHICLE</b>	GREEN HOUSE GAS HIGHWAY APPLICATION
S	1360X6	<b>TRANSMISSION</b>	MACK TMD12AFO mDRIVE 12 SP-(OVERDRIVE)
S	U6AA1X	<b>ENGINE GOVERNOR TYPE</b>	ENGINE GOVERNOR TYPE MIN-MAX

EXHAUST/EMISSIONS			DESCRIPTION
S	CIRAA4	<b>CARB 2008 IDLE REGULATION</b>	IDLE EMISSION CERTIFICATION, CARB (WITH DECAL LOCATED ON LOWER LH CORNER / DRIVER DOOR
S	DPF04F	<b>DPF DIESEL PARTICULATE FILTER</b>	CLEARTECH ONE BOX E.A.T.S. RH SIDE UNDER CAB US'17
S	8NAA1X	<b>DPF COVER</b>	DPF COVER, PAINTED STEEL
S	DF10N1	<b>DEF TANK</b>	18.4 GALLON (70 L) 26" LEFT SIDE FRAME MTD
S	U6BA1X	<b>DEF TANK COVER</b>	PAINTED FINISH DEF TANK COVER
S	130AB6	<b>EXHAUST</b>	SINGLE VERTICAL RIGHT SIDE OUTBOARD MOUNTED STRAIGHT EXH STACK TURNED OUT END
S	KRXB5X	<b>EXHAUST STACK HEIGHT</b>	11' 6" FROM GROUND
	Q0AC5X	<b>EXHAUST SYSTEM MATERIAL FINISH</b>	SINGLE, BRIGHT FINISH STACK ONLY
S	78AC7X	<b>EMISSION ON BOARD DIAG CONTROL</b>	EMISSION OBD, DISPLAY ONLY, USA2018

ENGINE EQUIPMENT			DESCRIPTION
S	125AA4	<b>AIR CLEANER</b>	11" x 30" (279 mm x 762 mm) UNDER HOOD SINGLE ELEMENT DRY TYPE W/AIR INTAKE FROM BOTH SIDES OF HOOD
S	1VAAAX	<b>AIR INTAKE SOURCE</b>	W/O INSIDE/OUTSIDE AIR INTAKE
	121AA5	<b>BUG SCREEN</b>	BLACK ALUMINUM MOUNTED BEHIND GRILLE, WITHOUT WINTER FRONT COVER
S	113AA6	<b>AIR COMPRESSOR</b>	MERITOR/WABCO 318 (18.7 CFM)
	VWXA2X	<b>COMPRESSOR CAPACITY</b>	MERITOR/WABCO 318 (18.7 CFM)
	132AB9	<b>ALTERNATOR</b>	DELCO 12V 160A (24SI) BRUSH-TYPE
	316AA7	<b>BATTERIES</b>	(3) MACK 12V 1000/3000 CCA THREADED STUD TYPE
S	393AA9	<b>BATTERY BOX - MOUNTING</b>	RH RAIL UNDER CAB (3 BATTERY MAX)
S	L5XA1X	<b>BATTERY BOX COVER</b>	MOLDED PLASTIC
	LLXC1X	<b>EMERGENCY START CONNECTIONS</b>	EMERGENCY START STUDS, BATTERY BOX MOUNTED
S	318AA1	<b>BATTERY DISCONNECT SWITCH</b>	W/O BATTERY DISCONNECT SWITCH
S	NCXA5X	<b>STARTER</b>	12 VOLT DELCO 39MT-MXT
S	NDXZ1X	<b>ENGINE STARTING AID</b>	W/O ENGINE COLD START AID
S	110AA6	<b>ENGINE BRAKE</b>	MACK MP8 POWERLEASH
S	JMXB1X	<b>ENGINE BRAKE LIGHTING (CA)</b>	VEHICLE AND TRAILER (IF APPLICABLE) STOP LAMPS ACTIVATE UPON SERVICE BRAKE APPLICATION ONLY(3899000)
S	118AB8	<b>FAN DRIVE</b>	BEHR FAN AND ELECTRONIC MODULATING VISCOUS FAN DRIVE
S	119AE9	<b>COOLANT PROTECTION</b>	CHEVRON FULLY FORMULATED COOLANT W/ NITRATES (50/50 MIX DYED PINK) TO - 34DEG
S	HWXA1X	<b>COOLANT FILTER / CONDITIONER</b>	MACK COOLANT CONDITIONER
S	508AA3	<b>COOLING PERFORMANCE</b>	STANDARD COOLING PERFORMANCE
S	124AA3	<b>HOSES - RADIATOR/HEATER</b>	MACK BRAND EPDM RADIATOR & HEATER HOSES
S	293AA2	<b>FUEL-WATER SEPARATOR</b>	MACK W/MANUAL DRAIN VALVE (INTEGRAL W/PRIMARY FUEL FILTER)
S	QHXC1X	<b>OIL PAN</b>	OIL PAN
	5NXA1X	<b>ENGINE BLOCK HEATER</b>	120V 1500W ENGINE BLOCK HEATER
S	EFXZ1X	<b>ENGINE OIL PAN HEATER</b>	W/O OIL PAN HEATER

PRICELIST DATE	QUOTATION	DATE	PAGE	CUSTOMER NAME	DEALER NAME
20180803	TRIST2019000001C483	1/8/2019	2 of 13	CRAIGHEAD COUNTY	TRI-STATE TRUCK CENTER, INC



# MACK<sup>®</sup> TECHNICAL SPECIFICATION *(cont.)*

ENGINE EQUIPMENT			DESCRIPTION
S	HZXZ1X	ENGINE OIL DRAIN KIT	W/O OIL CHANGE SYSTEM
S	36AA1X	TETHER DEV PKG, CAPS & COVERS	FURNISH CAP RETAINER FOR OIL FILL & RADIATOR OVERFLOW TANK

CLUTCH/TRANS EQUIPMENT			DESCRIPTION
S	49200B	GEAR SHIFTER	MACK mDRIVE-PREMIUM SHIFTER
S	133AC7	CLUTCH	ZF/SACHS SINGLE PLATE 17" (430MM) ORGANIC MATERIAL
	2XAZ1X	CLUTCH PEDAL PAD	W/O CLUTCH PEDAL
S	IUXZ1X	CLUTCH ACTUATION SYSTEM	W/O AIR ASSIST
	RBXZ1X	CLUTCH LUBE LINE	W/O LUBRICATION FITTING OPTION
S	6VAZ1X	ENGINE START CONDITION	W/O CLUTCH STARTING SWITCH OPTION
	195AA7	DRIVELINE - MAIN	MERITOR RPL25HD W/PERMALUBE U-JOINTS
S	204AA4	DRIVELINE - INTERAXLE	MERITOR RPL20 W/PERMALUBE
S	83AZ1X	PROP SHAFT BEARING GUARD	WITHOUT DRIVESHAFT GUARD FOR CENTER BEARING
S	76AA1X	PROPELLR SHAFT MAIN, UNVSL JNT	UNIVERSAL JOINT HALF-ROUND TYPE
S	8WAAAX	PROP SHAFT INTERAXL UNIV JOINT	HALF-ROUND UNIVERSAL JOINT
S	4LDA1X	TRANSMISSION OUTPUT TORQUE	TRANSMISSION OUTPUT TORQUE BASIC
S	RCXB1X	BELL HOUSING	ALUMINUM
S	7RXB1X	LUBRICANTS, TRANSMISSION	SYNTHETIC OIL IN TRANSMISSION
S	139049	TRANSMISSION OIL COOLER	MACK mDRIVE TRANSMISSION OIL COOLER MTD LH SIDE OIL TO WATER COOLER
	442012	TRANSMISSION TORQUE CONVERTER	W/O TRANS TORQUE CONVERTER
S	3IAA1X	HILL START ASSIST	GRADE GRIPPER

FRONT AXLE EQUIPMENT			DESCRIPTION
S	240AA6	FRONT AXLE	12000# (5400 KG) MACK FXL12 STRAIGHT SPINDLE/UNITIZED BEARINGS
S	244AB2	SPRINGS - FRONT	MACK TAPERLEAF HD 12000# (5400 KG) GROUND LOAD RATING
S	2410A1	FRONT AXLE BRAKES	MERITOR "S" CAM TYPE 16.5" x 5" Q+
	LQXALX	BRAKE LINING MATERIAL FRONT	MERITOR SOR2003
S	U3XA1X	BRAKE, FRONT	CAST IRON
S	UDXZ1X	FRONT AXLE BRAKE DUST SHIELD	OMIT FRONT DUST SHIELDS
S	U0AA1X	FRONT BRAKE ADJ. MANUFACTURE	HALDEX - AUTOMATIC
S	V7AA1X	FRONT BRAKE CHAMBER MFG.	FRONT BRAKE CHAMBER MANUFACTURER, ANCHORLOK
S	O5BD1X	FRONT BRAKE CHAMBER SIZE	FRONT BRAKE CHAMBER 24SQ INCHES (SERVICE)
S	ZGXC1X	FRONT HUBCAP TYPE	STANDARD FRONT HUB CAPS
S	0KXB1X	HUB MATERIAL, FRONT	ALUMINUM
S	K4AAAX	SPINDLE NUTS, FRONT	STANDARD FRONT SPINDLE NUTS
S	245AA5	STEERING	TRW THP60 POWER
S	7VXC1X	LUBRICANTS, FRONT AXLE	PETROLEUM/SYNTHETIC (50/50) OIL FRONT AXLE

REAR AXLE EQUIPMENT			DESCRIPTION
	268AD0	REAR AXLES - TANDEM	40000# (18100kg) MERITOR MT40-14X4D HYPOID (LOW ENTRY)
S	6MAA1X	REAR AXLE CASING WIDTH	W/O WIDE TRACK AXLE OPTION
S	R4XZ1X	LUBE PUMP, REAR AXLE	W/O LUBE PUMP AND FILTER
S	018AA1	CARRIER - REAR AXLE	VENDOR CARRIER
	TAXEJX	REAR AXLE RATIO	3.36 RATIO

PRICELIST DATE	QUOTATION	DATE	PAGE	CUSTOMER NAME	DEALER NAME
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REAR AXLE EQUIPMENT			DESCRIPTION
S	186AC0	REAR SUSPENSION - TANDEM	MAXLITE 40 EZ (GEN 2) 40000#
	XZXZ1X	REAR SUSP. BEAM BUSHINGS	W/O OPTION
S	GWXBYX	BOGIE SPREAD, REAR	52" AXLE SPACING (BOGIE WHEELBASE)
S	ZAXA1X	SUSPENSION LEVELLING DEVICE	ELECTRICAL REGULATION LEVELING DEVICE
S	J4DZ1X	SUSPENSION PRESSURE DETECTION	WITHOUT SUSPENSION PRESSURE DETECTION
	J6DB1X	AIR SUSPENSION DUMP WARNING	AIR SUSPENSION DUMP, SPEED LIMITED, WARNING INDICATOR & BUZZER
S	2AAZ1X	REAR SPRING INSULATOR MAT'L	W/O SHOCK INSULATORS
S	YVXA1X	REAR SHOCK ABSORBER	SHOCK ABSORBERS - OUTBOARD MOUNTED ON FORWARD AND REAR AXLES EACH SIDE
S	XYXA1X	TRANSVERSE TORQUE RODS, R SUSP	TRANSVERSE TORQUE ROD - ALL AXLES
S	237027	AUX.SPRING BRAKE QTY	(2) DOUBLE DIAPHRAGM TYPE, MECHANICAL SPRING RELEASE
S	253AC9	BRAKES - REAR	MERITOR "S" CAM - 16.5"x7" Q+ LIGHTWEIGHT BRAKE STAMPED STEEL SPIDERS (Total for QTY = 2)
	MAXBJX	BRAKE LINING MATERIAL DRIVE	MERITOR SOR2003 (TANDEM TRACTOR)
S	U4XA1X	BRAKE DRUMS/ROTORS - REAR	CAST IRON
S	U1AA1X	REAR BRAKE ADJ MANUFACTURE	HALDEX - AUTOMATIC
S	UEXZ1X	DRIVE AXLE BRAKE DUST SHIELD	OMIT REAR DUST SHIELDS
S	V1AB1X	REAR BRAKE CHAMBER SIZE	REAR SPRING BRAKE CHAMBERS 30/30 TYPE
S	300AA3	REAR BRAKE CHAMBER MFG.	HALDEX "GOLD SEAL" BRAKE CHAMBERS (Total for QTY = 2)
S	0LXI1X	HUB MATERIAL, DRIVE	ALUMINUM PRESET REAR HUB W/INTEGRATED SPINDLE NUT
S	1CXI2X	HUB OIL SEAL, DRIVE	PREMIUM
S	N2AE1X	SPINDLE NUTS, MAIN AXLE	SPINDLE NUTS, MAIN AXLE, INTEGRATED
S	3LAC1X	POWER DIVIDER LOCKOUT	POWER DIVIDER LOCKOUT, W/BUZZER & LIGHT
S	7WXA1X	LUBRICANTS, REAR AXLE(s)	FACTORY OPTION LUBE - REAR AXLE
	254AB5	TRACTION DIFFERENTIAL	DRIVER CONTROLLED INTER WHEEL DIFFERENTIAL LOCK ALL RR AXLES, MANUAL AIR VALVE W/WARNING LIGHT.
S	9GAAAX	ABS SENSOR & MODULATOR	4S/4M SYSTEM REAR WHEEL END SENSORS
S	698AA6	ANTILOCK BRAKE SYSTEM	MACK ROAD STABILITY ADVANTAGE BENDIX ABS/ATC/ESP W/YAW CONTROL
S	URXD1X	BRAKE VALVE VERSION	BENDIX SWITCHES AND VALVES WHERE POSSIBLE
	H9CA1X	TRACTION CONTROL DISABLE	FURNISH AUTOMATIC TRACTION CONTROL (ATC) FULL DISABLE SWITCH
S	3ZAZ1X	SPRING BRAKE INVERSION VALVE	WITHOUT SPRING BRAKE INVERSION VALVE

FRAME EQUIPMENT/FUEL TANKS			DESCRIPTION
S	271202	WHEELBASE	202"
S	374056	AF (OVERHANG)	56"
	274AA4	FRAME RAILS	STEEL - 266MM X 90MM X 8MM -- (10.47" X 3.54" X .31")
S	A0XH2X	FRONT FRAME LENGTH	Standard Bumper Position
S	281AA2	CROSSMEMBERS	STEEL
	Q5AC1X	REAR CROSSMEMBER OPTIONS	BOXED AND TAPERED CROSSMEMBER
	X6XB2X	REAR FRAME TREATMENT	TAPERED AND FLANGED RAIL ENDS (28 deg.)
S	69XZ1X	MUDFLAP HANGERS, REAR AXLE	W/O REAR MUD FLAP HANGER BRKTS
S	67XZ1X	MUDFLAP TYPE, REAR AXLE	W/O REAR MUD FLAPS
S	2HXA1X	MUDFLAP, FRONT AXLE	BLACK POLYARMOUR (NO NAME TO APPEAR ON FLAP) (NOT ANTI-SPRAY TYPE)
S	4DXP1X	FRONT BUMPER	FLUSH-STAINLESS CLAD ALUMINUM
S	4EXF1X	TOWING DEVICE, FRONT	(2) CLEVIS
S	6NXZ1X	TOWING COUPLING	W/O REAR TOWING DEVICE
S	2RAA1X	FUEL LEVEL SENDER UNIT, LIQUID	BASIC FUEL LEVEL SENDER MOUNTED ON L.H TANK



FRAME EQUIPMENT/FUEL TANKS			DESCRIPTION
S	288AB7	FUEL TANK - LH	93 GALLON (350 L) 26" ALUMINUM ROUND
	290AA1	FUEL TANK - RH	W/O RH FUEL TANK
S	R0AZ1X	FUEL TANK POLISH OPTION	W/O BRIGHT FINISH FUEL TANKS
S	JHXA1X	FUEL HOSES, LIQUID	NYLON TUBE
	12AA1X	FUEL LINE OPTIONS, LIQUID	W/O FUEL LINE OPTION
S	KFXA1X	FUEL TANK CAP	NON-LOCKABLE FUEL TANK CAP
S	Q2AA1X	CAB INSTEP VERSION	STANDARD 2 STEP CAB ACCESS
S	223AA1	STEPS (BRIGHT) - FUEL TANK	W/O BRIGHT FINISH STEPS AND STRAPS PACKAGE
S	I7XZ1X	ISOLATE TANK FROM FUEL SYSTEM	W/O ISOLATED TANK(S)
S	464AA1	QUARTER FENDERS	W/O QUARTER FENDERS

AIR/BRAKE			DESCRIPTION
S	VHXEDX	AIR DRYER - MANUFACTURER	WABCO 1200P W/TURBO CUT OFF VALVE, W/COALESCING OIL FILTER, HEATED
S	UWXD1X	AIRTANK DRAIN VALVE	MANUAL DRAIN VALVES, WITH LANYARD ON SUPPLY TANK ONLY
S	U2XB1X	AIRTANK MATERIAL	STEEL
S	141AA1	RELOCATE AIR RESERVOIRS	W/O RELOCATED AIR TANKS
S	3MBZ1X	PARK BRAKE ALARM	W/O PARK BRAKE ALARM
S	1JAABX	PARKING BRAKE VALVE	TWO (2) VALVE DUAL BRAKE SYSTEM - TRAILER SUPPLY AND TRACTOR-TRAILER PARK

ELECTRICAL			DESCRIPTION
	5RXA7X	BACK-UP ALARM	POLLAK 41-722 CONSTANT AUDIBLE (MOUNTED ON REAR CROSS MEMBER) 107 dB
S	EAXZ1X	DASH MOUNTED SWITCHES	W/O MISC ELECT SWITCHES OPTION
S	NGXZ1X	AUX. FOG LAMP	WITHOUT FOG LAMPS
S	5FBB1X	MARKER/DIRECTIONAL SIGNAL	W/O MARKER/DIR SIGNAL OPTION
S	312AA6	ROOF MARKER LIGHT	(5) TRUCKLITE LED CHROME BULLET TYPE LAMPS
S	N7XZ1X	WARNING LAMP	WITHOUT WARNING LIGHTS
S	NJXZ1X	AUXILIARY LAMPS	W/O AUX LAMP PROVISIONS
S	LSXH1X	DAYTIME RUNNING LIGHTS	PARK BRAKE AND ENGINE RUNNING ACTIVATED
	NEXD2X	TAIL LAMPS	LED TYPE TAIL LAMP MODULE MTD BELOW REAR CROSSMEMBER

TRAILER CONNECTIONS			DESCRIPTION
S	330A16	FIFTH WHEEL	AIR - JOST JSK37USL SERIES, LH RELEASE
S	6DXH1X	5TH WHEEL MOUNTING BRACKETS	SLIDING 5TH WHEEL MTG, 24" TRAVEL
S	LIXA1X	FIFTH WHEEL ANGLE MATERIAL	STEEL FIFTH WHEEL ANGLES
S	9DAABX	5TH WHEEL ANGLE THICKNESS	5TH WHEEL ANGLE, 10MM THICKNESS
S	6BX5XX	5TH WHEEL OFFSET	50" BOGIESPREAD = -1" OFFSET, 52" BS = 0", 54" BS = 1", 55" BS = 1.5", 4x2 = - 26"
	E5BARX	GROUND TO 5TH WHEEL TOP HGT.	1181MM (46.5") GROUND TO 5TH WHEEL TOP HEIGHT
	6EXBMX	FIFTH WHEEL LEG-HEIGHT (KAX Result)	171MM (6.75"), FIFTH WHEEL LEG-HEIGHT (SELECTED BY KAX)
S	53XBAX	TRAILER GLAD HAND COUPLINGS	GLAD HAND COUPLINGS - NORTH AMERICAN STD
S	WGXA1X	TRAILER BRAKE VALVE	HAND CONTROL VALVE FOR TRAILER BRAKES W/ AIR CONNECTIONS OR SERVICE BRAKES W/O AIR CONNECTIONS
S	WHXQ1X	TRAILER CONNECTION POSITION	TRAILER AIR BRAKE CONNECTIONS, BACK OF CAB
S	7KXA3X	TRAILER ACCESS PACKAGE	LOW PROFILE DECK PLATE
S	M1XZ1X	ELECTRICAL RECEPT, AUX POWER	W/O HEAVY-DUTY POWER CIRCUIT

# **MAC K<sup>®</sup>**

## **TECHNICAL SPECIFICATION** (cont.)

TRAILER CONNECTIONS			DESCRIPTION
S	51XD1X	TRAILER BRAKE HOSEHANGER	HOSE TENDER, POGO STICK (CHASSIS MOUNTED)
	321061	TRAILER ELECTRICAL RECEPT	SINGLE 7 PINS STD SAE TYPE, BACK OF CAB & END OF FRAME
S	5ZXC1X	TRAILER BRAKE HOSES & CABLES	TRAILER AIR HOSES (12 FT NON-COILED TYPE)
S	322012	TRAILER HOOKUP LIGHT	W/O TRAILER HOOK-UP LIGHT
S	2UAA1X	TRAILER ELECTRICAL CABLE CONFIG	TRAILER ELECTRICAL CORD (12 FT NON-COILED TYPE)
S	3SAA1X	TRAILER CONNECTORS HOLDER	ELECTRICAL PLUG HOLDER (INCLUDES GLAD HAND STORAGE)
S	7EXZ1X	LOAD LOCK BRACKETS	W/O OPTIONAL SLEEPER BOX REINFORCEMENT

PTO			DESCRIPTION
S	189AK9	PTO - REAR MOUNTED	W/O TRANSMISSION MOUNTED PTO - (mDRIVE ONLY)
S	826016	HYDRAULIC PUMP	WITHOUT HYDRAULIC PUMP
S	TYXZ1X	POWER TAKE OFF CONTROL	WITHOUT TRANSMISSION PTO CONTROL
S	416AA1	REAR ENGINE PTO	WITHOUT REAR ENGINE POWER TAKE OFF
S	2WAZ1X	PTO TRANS NEUTRAL CONTRL CHECK	W/O NEUTRAL CONTROL
S	B83013	BODY BUILDER INTERFACE	W/O BODY BUILDER INTERFACE

SPECIALTY EQUIPMENT			DESCRIPTION
S	015025	FRAME MODIFICATIONS	NO FRAME MODIFICATIONS PROVIDED
S	OBS01S	ON BOARD SCALES (CA)	W/O ON BOARD SCALES
S	3FAZ1X	BULK UNLOADING ADAPTATION	WITHOUT AIR UNLOAD SYSTEM
S	548AA1	COLLISION WARNING SYSTEM	W/O COLLISION WARNING SYSTEM
S	W4EABX	SPEED LIMIT SIGN RECOGNITION	WITHOUT LIMIT SPEED SIGN RECOGNITION
S	G6CZ1X	ACC TIME GAP CONFIG SETTING	WITHOUT TIME GAP SETTINGS
S	M32012	CWS VOLUME LEVEL	WITHOUT CWS VOLUME LEVEL
S	7OXZ1X	LANE SUPPORT SYSTEM	WITHOUT LANE SUPPORT SYSTEM

CAB INTERIOR (A THRU G)			DESCRIPTION
S	198048	GAUGES - UNIT OF MEASURE	U.S. UNITS (PREDOMINANT)
	CCXF1X	GAUGE - PACKAGE, SECONDARY	2ND GA PKG W/ENG OIL TEMP, TRANS OIL TEMP, PYRO, APP AIR PRESS
	E0AAAX	GAUGE - TRANSMISSION OIL TEMP	TRANSMISSION OIL TEMP GAUGE
	D9AAAX	GAUGE - EXHAUST PYROMETER	EXHAUST PYROMETER GAUGE
	E1AAAX	GAUGE - REAR AXLE OIL TEMP	REAR AXLE OIL TEMP GAUGE IN DID (DRIVER INFORMATION DISPLAY)
S	E2AZ1X	GAUGE - MANIFOLD PRESSURE	W/O MANIFOLD PRESSURE GAUGE
	I2AAAX	SERVICE TRAILER BRAKE PRESSURE	BRAKE PRESSURE APPLICATION GAUGE, ELECTRONIC
S	M3AZ1X	GAUGE - REAR AIR SUSP PRESSURE	WITHOUT REAR AIR SUSPENSION GAUGE
S	PVXZ1X	AIR RESTRICTION INDICATOR	WITHOUT AIR RESTRICTION INDICATOR
S	173AA5	AIR CONDITIONING/HEATER	BLEND AIR HVAC W/"ATC" TEMP REGULATION
S	I0XAHX	DOME LAMP, INTERIOR	(4) DOME LAMPS - DOOR AND SWITCH ACTIVATED
	786056	FIRE EXTINGUISHER	2.5LB (ABC RATED/AMEREX) BETWEEN DRIVER SEAT AND DOOR VALVE AIMED REARWARD
S	184AA2	FLOOR COVERING	POLYURETHANE FLOOR MAT

CAB INTERIOR (H THRU R)			DESCRIPTION
	UQXZ1X	DASH PANEL BOX	W/O UPPER STORAGE OPTION
S	C52082	INSTMNT CLUSTER LANGUAGE	DEFAULT: ENGLISH, SPANISH, FRENCH

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# MACK<sup>®</sup> TECHNICAL SPECIFICATION *(cont.)*

CAB INTERIOR (H THRU R)			DESCRIPTION
S	160AA2	KEYED ALIKE CHASSIS	ALL CHASSIS KEYED AT RANDOM
S	13AA1X	DOOR OPENING OPTIONS	W/O ELECTRONIC KEYLESS ENTRY
	E3XD1X	FORWARD OVERHEAD STORAGE	(2) STORAGE COMPARTMENTS AND NET RETAINERS W/CENTER MOUNTING FOR CB PROVISIONS
S	0BAZ1X	PERMIT PLATE	W/O PERMIT PLATE OPTION
S	17400N	AUDIO ACCOMMODATION	PREMIUM STEREO, AM/FM, CD-PLAYER, MP3, WEATHER BAND, BLUETOOTH
S	MAS01S	INFOTAINMENT SERVICES / FEATURES	WITHOUT INFOTAINMENT SERVICES / FEATURES
S	73AJ1X	ANTENNA - RADIO	48" ANTENNA RIGHT SIDE MIRROR MOUNTED
	5BXC3X	ANTENNA - CB RADIO	PREP KIT FOR MOUNTING ON LT SIDE MIRROR (W/O ANTENNA)
S	0LAZ1X	AUDIO SHUTOFF	W/O AUTO RADIO SHUTOFF OPTION
S	1WAB1X	POWER LEADS	POWER LEADS (5-WAY BINDING POSTS FOR CB RADIO) IN HEADER CONSOLE
S	5CXB2X	AUDIO SPEAKER LOCATION	SPEAKER LOCATION, IN DOORS, MIDDLE HIGH SIDE PANEL
S	3JAZ1X	COMMUNICATION RADIO	W/O CB RADIO
S	5JXALX	COM.RADIO PREP KIT (CB)	MOUNTING PLATE AND VELCRO STRAP IN HEADER CONSOLE
S	21XA1X	AUXILIARY REAR WINDOW	REAR WINDOW (FIXED TYPE)
S	784014	REFLECTOR KIT	W/O REFLECTOR KIT OPTION
S	IFXB1X	REAR WALL STORAGE COMPARTMENT	STORAGE POUCH REAR

CAB INTERIOR (S THRU Z)			DESCRIPTION
S	004014	INTERIOR TRIM LEVELS	STANDARD PACKAGE, STEEL GRAY (Package 11A)
S	196AAA	SEAT - DRIVER'S	MACK-AIR, HIGH BACK, 1 CHAMBER AIR LUMBAR
S	MAPB2X	SEAT COVERING - DRIVER'S	DRIVER'S SEAT - STEEL GREY VINYL
S	197AA1	SEAT - PASSENGER'S	MACK-FIXED, HIGH BACK
S	MAQB2X	SEAT COVERING - PASSENGER'S	PASSENGER'S SEAT - STEEL GREY VINYL
S	0HAZ1X	SEAT SUPPORT, DUST COVER	W/O SEAT DUST COVER FOR DRIVER'S AND RIDER'S SEATS
S	3PXZ1X	SEAT ARMREST	W/O ARM RESTS
S	592092	SEAT BELT(S)	LAP & SHOULDER (BOTH SEATS) CAB MTD SHOULDER BELT ADJUSTMT(NOT AVAIL W/EXTED RIDER SEAT)
S	D8XZ1X	SEAT BELT REMINDER (CA)	WITHOUT SEAT BELT REMINDER
S	2QAA1X	IGNITION TYPE	KEY TYPE
S	161005	STEERING WHEEL	2 SPOKE URETHANE GRIP, GUNMETAL SPOKES, W/O SWITCHES
S	U7XB1X	SUN VISOR - INTERIOR, FRONT	SUN VISOR - BOTH SIDES
S	146AA3	WINDOW CONTROLS	POWER WINDOW LIFT WITH ELECTRIC DOOR LOCK, LH & RH
S	WSXBAX	WINDSHIELD TYPE	2-PIECE WINDSHIELD
S	145AA1	CAB GLASS	TINTED WINDSHIELD & SIDE WINDOWS & REAR WINDOW (IF EQUIPPED)
S	148AA3	WINDSHIELD WIPERS	2 SPEED ELECTRIC MOTOR W/INTERMITTENT FEATURE

CAB EXTERIOR			DESCRIPTION
S	88AA1X	EMBLEMS OPTION	W/O MISC ORNAMENT CHANGE OPTION
S	0EAC1X	AIR INTAKE GRILLE, FINISH	BLACK GRILLE
S	400AA1	GRILLE	BRIGHT FINISH (CHROME) GRILLE W/BLACK BACKGROUND
S	Q4XADX	CAB PEEP WINDOW	PEEP WINDOW ON RIGHT SIDE NON STG WHL POS. DEPEND
S	2KXA1X	FRONT WHEEL OPENING	BASIC FRONT WHEEL OPENING
S	5870G7	GRAB HANDLES	PREMIUM BL EXTERIOR CAB GRAB HANDLE, BL GRAB HANDLE RH INTERIOR WINDSHIELD POST
S	4UAA1X	HOOD LATCH FINISH	PAINTED HOOD LATCHES

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CAB EXTERIOR			DESCRIPTION
	154AC3	<b>HORN - AIR</b>	(2) MACK RECTANGULAR SINGLE TRUMPET, CHROME PLATED STEEL W/SNOW SHIELDS
<b>S</b>	LXXC1X	<b>HORN - ELECTRICAL</b>	SINGLE TONE
	152AC0	<b>MIRRORS - EXTERIOR</b>	HADLEY/KAM 4-WAY W/CHROME SHELL RH/LH BOTH MOTORIZED AND HEATED
	153AA2	<b>MIRRORS - CONVEX TYPE CAB DOORS</b>	BRIGHT FINISH, LH & RH, 8" DIA. CONVEX
<b>S</b>	15H01H	<b>MIRROR - CONVEX HOOD &amp; FENDER</b>	WITHOUT CONVEX TYPE
<b>S</b>	43X50X	<b>MIRRORS - PROXIMITY</b>	W/O OPTIONAL VISIBILITY MIRROR
<b>S</b>	157017	<b>SUN VISOR - EXTERIOR</b>	WITHOUT EXTERIOR SUN VISOR
<b>S</b>	7QAZ1X	<b>REFLECTORS - AUXILIARY</b>	W/O ADDITIONAL REFLECTORS

AERODYNAMIC DEVICES			DESCRIPTION
<b>S</b>	159AA1	<b>ROOF FAIRING/SIDE SHIELDS</b>	WITHOUT AERO AIDS

WHEELS & TIRES			DESCRIPTION
<b>S</b>	4WCC1X	<b>GHG STEER TIRE CATEGORY (PAWS)</b>	LOW ROLLING RESISTANCE, BETTER FUEL ECONOMY
	900AY0	<b>TIRES BRAND/TYPE - FRONT</b>	11R22.5 H MICHELIN XZE2 (13220 lbs) (Total for QTY = 2)
<b>S</b>	531A14	<b>WHEELS - FRONT</b>	22.5x8.25 ALCOA LVL ONE ALUM DISC 10-HOLE HUB PILOTED (Total for QTY = 2)
<b>S</b>	49AALX	<b>WHEEL FINISHING, FRONT</b>	MACHINE CLEAN BUFFED-ALL WHEELS (Total for QTY = 2)
<b>S</b>	FWT002	<b>FRONT AXLE TIRE &amp; WHEEL QUANTITY</b>	TWO FRONT TIRES & WHEELS
	4XCG1X	<b>GHG DRIVE TIRE CATEGORY (PAWS)</b>	OTHER (NON-SPECIFIED), VERY POOR FUEL ECONOMY
	901BN1	<b>TIRES BRAND/TYPE - REAR</b>	11R22.5 H MICHELIN XDS2 (24020 lbs) (DRIVE ONLY) (Total for QTY = 8)
<b>S</b>	346A17	<b>WHEELS - REAR</b>	22.5x8.25 ALCOA LVL ONE ALUM DISC 10-HOLE HUB PILOTED (11 1/4" 286mm BOLT CIRCLE) (Total for QTY = 8)
<b>S</b>	2350E5	<b>REAR DISC WHEEL:POLISH</b>	MACHINE CLEAN BUFFED - ALL WHEELS (Total for QTY = 8)
<b>S</b>	RWT008	<b>REAR AXLE TIRE &amp; WHEEL QUANTITY</b>	EIGHT REAR AXLE TIRES & WHEELS
<b>S</b>	H1EB1X	<b>DRIVE WHEEL STUDS</b>	DRIVE WHEEL STUDS LONGER LENGTH
<b>S</b>	15XABX	<b>TIRE INFLATION VALVE</b>	STANDARD VALVE STEMS AND CAPS
<b>S</b>	6VXZ1X	<b>SPARE WHEEL</b>	W/O SPARE WHEEL, W/O SPARE TIRE
<b>S</b>	FIXZ1X	<b>HUB/WHEEL ISOLATOR FRONT</b>	W/O FRONT WHEEL GUARD OPTION
<b>S</b>	FMXZ1X	<b>HUB/WHEEL ISOLATOR DRIVE</b>	W/O PROTECTIVE NYLON SPACER BETWEEN DISCS WHEEL TO DRUM

COMMUNICATION SYSTEMS			DESCRIPTION
<b>S</b>	3YAA1X	<b>CO-PILOT - DISPLAY FEATURES ACCESS LEVEL</b>	DISPLAY FEATURES, LIMITED, NO DRIVER ACCESS LEVEL 1
<b>S</b>	3RAZ1X	<b>FLEET TRIP MANAGEMENT</b>	WITHOUT FLEET TRIP MANAGEMENT DRIVER CONTROL
<b>S</b>	621000	<b>QUAL-COMM FACTORY PREP KITS</b>	W/O NAVIGATION/COMM DEVICE
<b>S</b>	M30060	<b>TELEMATIC GATEWAY</b>	GUARDDOG CONNECT WITH 4G/LTE AND WLAN SYSTEM WITH DIAGNOSTIC SERVICES
<b>S</b>	U5CD1X	<b>REMOTE SOFTWARE UPGRADE</b>	REMOTE SOFTWARE UPGRADE ENABLED
<b>S</b>	9XDZ1X	<b>SOFTWARE DOWNLOAD PASSWORD</b>	WITHOUT SOFTWARE DOWNLOAD PASSWORD
<b>S</b>	9YDZ1X	<b>SOFTWARE DOWNLOAD NOTIFICATION</b>	WITHOUT SOFTWARE DOWNLOAD NOTIFICATION

ENGINE ELECTRONICS			DESCRIPTION
<b>S</b>	MAT00T	<b>ENGINE FUEL ECONOMY SETTINGS -- SOFTWARE PACKAGES</b>	WITHOUT ENGINE SOFTWARE SETTINGS
<b>S</b>	WOXA1X	<b>OIL PRESSURE, ENGINE SHUTDOWN</b>	OIL PRESSURE, ENGINE SHUTDOWN
<b>S</b>	WIXZ1X	<b>COOLANT LEVEL, ENGINE SHUTDOWN</b>	WITHOUT COOLANT LEVEL ENGINE SHUTDOWN

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ENGINE ELECTRONICS			DESCRIPTION
S	WMXA1X	COOLANT TEMP, ENGINE SHUTDOWN	COOLANT TEMP, ENGINE SHUTDOWN
S	K5XA2X	ENGINE PROTECTION SYSTEM	ENGINE PROTECTION (SHUTDOWN)
S	D0AZ1X	ENG FAN CNTL, STAT VEHICLE	WITHOUT ENG FAN CONTROL, STATIONARY VEHICLE
S	C9AZ1X	ENG FAN CONTROL,MOVING VEHICLE	WITHOUT ENG FAN CONTROL, MOVING VEHICLE
S	D1AZ1X	ENG.FAN CNTL MVG VHC.TIME SET	WITHOUT ENG FAN CONTROL, MOVING VEHICLE, TIME SETTING
S	C7AZ1X	ENG FAN CNTL, A/C ON, TIME SET	WITHOUT ENG FAN CONTROL, A/C ON, TIME SETTING
S	K7XH3X	ENGINE IDLE CONTROL	IDLE CONTROL, 650 RPM
S	I1AZ1X	LOW IDLE RPM ADJUSTEMENT	WITHOUT LOW IDLE RPM ADJUSTMENT
S	M6AZ1X	ENGINE IDLE ADJUST	WITHOUT ENGINE IDLE ADJUST
S	X0AB0X	SMART IDLE ELEVATED IDLE RPM TIME	INCREASE 10 MINUTE MAXIMUM TIME
S	M3CA1X	IDLE S/D ABS TAMPER CHECK	IDLE SHUTDOWN ABS TAMPER CHECK, ENABLED
S	B2AZ1X	ENGINE IDLE COOLDOWN	ENGINE IDLE COOLDOWN, DISABLE
S	A3AZ1X	IDLE SHUTDOWN	ENGINE IDLE SHUTDOWN, DISABLE
S	E0XGAX	ENGINE IDLE SHUTDOWN TIME	IDLE SHUTDOWN TIME 10 MIN.
S	A8AALX	IDLE S/D IF WARM-UP TEMP	38C DEG (100F), WARM UP TEMP DELAY
S	A4AAEX	IDLE S/D WARM-UP TIMER	5 MIN. WARM UP TIME DELAY
S	A7AZ1X	IDLE S/D IF EHT ACTIVE	WITHOUT ENGINE IDLE SHUTDOWN TIME OVERRIDE IF EHT ACTIVE
S	A6AZ1X	IDLE S/D IF PTO ACTIVE	WITHOUT ENGINE IDLE SHUTDOWN TIME OVERRIDE IF PTO ACTIVE
S	B0AAAX	IDLE SHUTDOWN IF POWER > LIMIT	ENG IDLE SHUTDOWN TIME OVERRIDDEN IF TORQUE > THAN LIMIT
S	M4CB1X	IDLE S/D OVERRIDE %ENGINE LOAD	IDLE SHUTDOWN OVERRIDE UPTO 20% ENGINE LOAD THRESHOLD
S	A9AZ1X	IDLE SHUTDOWN CONTROL	WITHOUT IDLE SHUTDOWN CONTROL
S	D2AAFX	AMBIENT TEMP MIN TRESHOLD	AMBIENT TEMP MIN TRESHOLD, 16 DEG C, (60 DEG F)
S	D3AAEX	AMBIENT TEMP MAX TRESHOLD	AMBIENT TEMP MAX TRESHOLD, 27 DEG C, (80 DEG F)
S	B3ABAX	EL HD THROTTLE,MAX ROAD SPEED	ELECTRONIC HAND THROTTLE, MAX ROAD SPEED, 16 KM/H (10 MPH)
S	B6ABAX	EL HAND THROTTLE,MAX ENG SPEED	ELECTRONIC HAND THROTTLE, MAX ENGINE SPEED, 1000 RPM
S	B4ADAX	EL HAND THROTTLE,MIN ENG SPEED	ELECTRONIC HAND THROTTLE, MIN ENGINE SPEED, 700 RPM
S	B9AZ1X	EL HD THROTTLE,SPEED RAMP RATE	WITHOUT ELECTRONIC HAND THROTTLE, SPEED RAMP RATE
S	B7AZ1X	EL HD THROTTLE,SGL SPEED CNTRL	WITHOUT ELECTRONIC HAND THROTTLE, SINGLE SPEED CONTROL
S	B8AZ1X	EL HAND THROTTLE,SGL SPEED SET	WITHOUT ELECTRONIC HAND THROTTLE, SINGLE SPEED SETTING
S	C0AZ1X	EHT, JUMP TO MIN ENG SPEED	WITHOUT ELECTRONIC HAND THROTTLE, JUMP TO MIN. ENGINE SPEED
S	L9CZ1X	EHT HOLD TO NEAREST RPM	WITHOUT ELECTRONIC HAND THROTTLE HOLD
S	M1CZ1X	EHT ACCEL BUMP-UP RPM	WITHOUT ELECTRONIC HAND THROTTLE ACCEL "BUMP-UP"
S	M2CZ1X	EHT DECEL BUMP-DOWN RPM	WITHOUT ELECTRONIC HAND THROTTLE DECEL "BUMP-DOWN"

TRANSMISSION ELECTRONICS			DESCRIPTION
	M050A5	TRANS SHIFT MODE POINTS	MAC <sup>®</sup> mDRIVE - NORMAL PERFORMANCE MODE AUTO RETURN TO ECONOMY (premium)
S	M08038	ECONO ROLL	ECONO ROLL DISABLE mDRIVE (REQUIRED FOR ALL OTHER TRANSMISSIONS)
S	N1DZ1X	PRE-VIEW TOPOGRAPHY	WITHOUT MAC <sup>®</sup> PREDICTIVE CRUISE
S	6SAA1X	TRANSMISSION KICK-DOWN MODE	MAC <sup>®</sup> CELLERATOR ENABLE
S	U7AZ1X	TRANSMISSION PROTECTION	WITHOUT TRANSMISSION PROTECTION
	E1EZ1X	ALLISON GPIO PACKAGE	WITHOUT GPIO PACKAGE
	B1EA1X	TRANSM AUTO NEUTRAL ON P-BRAKE	mDRIVE TRANSMISSION AUTO NEUTRAL ON PARKING BRAKE
	E3EZ1X	ROLL DIRECTION CHANGE INHIBIT	WITHOUT ROLLING DIRECTION CHANGE INHIBIT
	E4EZ1X	AUX FUNCTION RANGE INHIBIT	WITHOUT AUXILIARY FUNCTION RANGE INHIBIT

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TRANSMISSION ELECTRONICS		DESCRIPTION
F5EZ1X	PRESELECT GEAR IN ENG. BRAKE	WITHOUT ALLISON PRESELECTED GEAR DURING ENGINE BRAKING
N5EZ1X	DIRECTION CHANGE ENABLE	WITHOUT DIRECTION CHANGE ENABLE FUNCTION (DATALINK)
E5EZ1X	PRIMARY CALIBRATION SHIFT MASK	WITHOUT PRIMARY CALIBRATION SHIFT SELECT MASK
E6EZ1X	SECOND CALIBRATION SHIFT MASK	WITHOUT SECONDARY CALIBRATION SHIFT SELECT MASK
E7EZ1X	FUELSENSE CALIBRATION	WITHOUT FUELSENSE
E2EZ1X	LOAD/GRADE SHIFT SENSING	WITHOUT LOAD/GRADE SHIFT SENSING
E8EZ1X	DYNACTIVE BIAS IN PRIMARY MODE	WITHOUT DYNACTIVE BIAS, PRIMARY CAL
E9EZ1X	DYNACTIVE BIAS SECONDARY MODE	WITHOUT DYNACTIVE BIAS, SECONDARY CAL
F1EZ1X	NEUTRAL AT STOP	WITHOUT NEUTRAL AT STOP
F6EZ1X	ACCELERATION RATE MGMT BIAS	WITHOUT ALLISON ACCELERATION RATE MANAGEMENT

VEHICLE ELECTRONICS			DESCRIPTION
S	JDXA1X	CRUISE CONTROL	WITH CRUISE CONTROL
S	JFXLLX	CRUISE CONTROL, MAX SPEED	MAX CRUISE, 105 KPH (65 MPH)
S	E3AACX	CRUISE CONTROL MIN SPEED	MIN CRUISE, 32 KPH (20 MPH)
S	E4AAAX	CRUISE RESUME WITH CLUTCH	CRUISE RESUME WITH CLUTCH
S	E5AACX	ENG BRK ENGAGE IN CRUISE	ENG BRK ENGAGE IN CRUISE, 3 MPH, ABOVE SET SPEED
S	Y3CC1X	PEDAL RSL SETTING	101 KM/H PEDAL ROAD SPEED LIMITER (63MPH)
S	U4AZ1X	LOW GEAR LIMITING FEATURE	WITHOUT LOWER GEAR VEHICLE LIMITING FEATURE
S	U5AZ1X	LOW GEAR LIMITING SPEED	WITHOUT LOW GEAR VEHICLE LIMITING SPEED
S	JCXE6X	ROAD SPEED LIMITER SETTING	105 KM/H ROAD SPEED LIMITER(65 MPH)
S	X2BB1X	ROAD SPEED LIMIT CONTROL TYPE	RSL CONTROL TYPE NORMAL
S	L1CZ1X	PDLO ENGAGE VLS FEATURE	DISABLE POWER DIVIDER LOCK OUT (PDLO) ROAD SPEED LIMIT
S	L2CA1X	PDLO ENGAGED VLS	POWER DIVIDER LOCK OUT (PDLO) ROAD SPEED LIMIT 8KMH (5MPH)
S	P8CZ1X	MASS SENSING TORQUE LIMITATION	W/O LOADSENSE TORQUE LIMITATION (use for ALL non mDRIVE transmissions)
S	W5BA1X	MAXIMUM ENG SPEED AT 0 MPH	1000 MAXIMUM ENGINE SPEED AT 0 MPH
S	O1AZ1X	ACCELERATOR LIMITER	WITHOUT ACCELERATOR LIMITER
S	A4BAAX	DETECTION SPEED SENSR TMPRNG	DETECTION OF SPEED SENSOR TAMPERING, ENABLE
S	8RXAEX	ENG TORQUE LIMIT,SPEED SENSOR	ENG TORQUE LIMITED TO 50%, IF SPEED SENSOR TAMPER DETECTED
S	X8CZ1X	HIGH IDLE SPEED-UPR GRS FEATUR	ENGINE HIGH IDLE SPEED IN UPPER GEARS, DISABLED
S	A3BZ1X	HIGH IDLE SPEED-UPPER GRS RPM	WITHOUT ENGINE HIGH IDLE SPEED IN UPPER GEARS
S	Z2CZ1X	1ST RATIO FOR REDUCD HIGH IDLE	WITHOUT 1ST RATIO FOR REDUCED HIGH IDLE
S	Z3CZ1X	LAST RATIO FOR FULL HIGH IDLE	WITHOUT LAST RATIO FOR FULL HIGH IDLE
S	X3CB1X	DRIVER ID FUNCTION	DRIVER ID FUNCTION, DISABLED
S	X5CZ1X	DRIVER ID, RESET TIMER	WITHOUT RESET DRIVER ID TIMER
S	X4CZ1X	DRIVER ID, ALERT TIMER	WITHOUT DRIVER ID ALERT TIMER
S	E7AZ1X	FUEL ECONOMY INCENTIVE PROGRAM	WITHOUT FUEL ECONOMY INCENTIVE PROGRAM
S	E8AZ1X	FUEL ECON RWRD, SPD LMT INCRS	WITHOUT FUEL ECONOMY REWARD, SPEED LIMIT INCREASE
S	E9AZ1X	FUEL ECON PNLT, SPD LMT DCRS	WITHOUT FUEL ECONOMY PENALTY, SPEED LIMIT DECREASE
S	4IAZ1X	FUEL ECONOMY REWARD TARGET	WITHOUT FUEL ECONOMY REWARD TARGET
S	4JAZ1X	FUEL ECONOMY PENALTY TARGET	WITHOUT FUEL ECONOMY PENALTY TARGET
S	4KAZ1X	FUEL ECON CALC DISTANCE INTER	WITHOUT FUEL ECONOMY CALCULATION DISTANCE INTERVAL
S	G5AAHX	ENGINE OVERSPEED,ALL COND, LOG	ENGINE OVERSPEED, ALL CONDITIONS, TIME LOG IF ABOVE 2200 RPM
S	G2AAGX	ENGINE OVERSPEED,FUELED, LOG	ENGINE OVERSPEED, FUELED, TIME LOG IF ABOVE 2100 RPM
S	G4AAUX	VEHICLE OVERSPEED,ALL COND,LOG	VEHICLE OVERSPEED,ALL COND, TIME LOG IF ABOVE 75MPH (121KMH)

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VEHICLE ELECTRONICS			DESCRIPTION
S	G3AAPX	VEHICLE OVERSPEED, FUELED, LOG	VEHICLE OVERSPEED, FUELED, TIME LOG IF ABOVE 70MPH (113KMH)
S	G1AABX	ENGINE IDLE DELAY TO LOG	ENGINE IDLE DELAY TO START LOG, 2 MIN
S	W7AZ1X	PERIODIC TRIP LOG HOUR OF DAY	WITHOUT PERIODIC TRIP LOG, HOUR
S	W8AZ1X	PERIODIC TRIP LOG DAY OF WEEK	WITHOUT PERIODIC TRIP LOG, DAY OF WEEK
S	W9A01X	PERIODIC TRIP LOG DAY OF MONTH	PERIODIC TRIP LOG, DAY 1 OF THE MONTH
S	R4BA1X	PRE-TRIP DIAGNOSTIC INSPECTION	PRE-TRIP DIAGNOSTICS INSPECTION, BASIC
S	P6X99X	SERVICE ALERT SYSTEM	WITHOUT SERVICE ALERT SYSTEM
S	X1AZ1X	DRL OVERRIDE SW TIMED	WITHOUT DAYTIME RUNNING LAMP OVERRIDE SW
S	X2AZ1X	DRL OVERRIDE SPEED THRESHOLD	WITHOUT DRL OVERRIDE SPEED THRESHOLD

PTO ELECTRONICS			DESCRIPTION
S	C8AZ1X	FAN ENGAGEMENT DUE TO PTO	WITHOUT FAN ENGAGEMENT DUE TO PTO
S	Y9CR1X	TRANS PTO1 SPLITTER RANGE	PTO1 FOR SPLITTER RANGE - KEYPAD REMOTE CONTROLLED
S	Z1CR1X	TRANS PTO2 SPLITTER RANGE	PTO2 FOR SPLITTER RANGE - KEYPAD REMOTE CONTROLLED
S	F2AZ1X	PTO 1ST, SINGLE SPEED CONTROL	WITHOUT PTO 1ST, SINGLE SPEED CONTROL
S	F3AZ1X	PTO1 SINGLE SPEED CONTROL RPM.	WITHOUT PTO 1ST, SINGLE SPEED SETTING
S	F5AZ1X	PTO 1ST, MAX ROAD SPEED	WITHOUT 1ST PTO, MAX ROAD SPEED
S	F6AZ1X	PTO 1ST, SPEED RAMP RATE	WITHOUT PTO 1ST, SPEED RAMP RATE
S	F7AZ1X	PTO 1ST, MAX ENGINE SPEED	WITHOUT PTO 1ST, MAX ENGINE SPEED
S	F8AZ1X	PTO 1ST, ROAD SPEED LIMIT	WITHOUT PTO 1ST, ROAD SPEED LIMIT
S	X3AZ1X	PTO 1ST,JUMP TO MIN ENG SPEED	WITHOUT PTO 1ST, JUMP TO MINIMUM ENGINE SPEED
S	F9AZ1X	PTO 1ST, MINIMUM ENGINE SPEED	WITHOUT PTO 1ST, MINIMUM ENGINE SPEED
S	G0AZ1X	PTO 1ST,AUTO SET SINGLE SPEED	PTO 1ST, AUTO SET SINGLE SPEED, DISABLE
S	L6CZ1X	PTO1 HOLD TO NEAREST RPM	WITHOUT PTO1 HOLD
S	L7CZ1X	PTO1 ACCEL BUMP-UP RPM	WITHOUT PTO1 ACCEL "BUMP-UP"
S	L8CZ1X	PTO1 DECEL BUMP-DOWN RPM	WITHOUT PTO1 DECEL "BUMP-DOWN"
S	H2AZ1X	PTO 2ND, SINGLE SPEED CONTROL	WITHOUT 2ND PTO, SINGLE SPEED CONTROL
S	H6AZ1X	PTO 2ND, SINGLE SPEED SETTING	WITHOUT PTO 2ND, SINGLE SPEED SETTING
S	H0AAEX	PTO 2ND, MAX ROAD SPEED	WITHOUT 2ND PTO, MAX ROAD SPEED
S	G9AZ1X	PTO 2ND, SPEED RAMP RATE	WITHOUT PTO 2ND, SPEED RAMP RATE
S	H7AZ1X	PTO 2ND, MAX ENGINE SPEED	WITHOUT PTO 2ND, MAX ENGINE SPEED
S	H5AZ1X	PTO 2ND, ROAD SPEED LIMIT	WITHOUT PTO 2ND, ROAD SPEED LIMIT
S	X4AZ1X	PTO 2ND,JUMP TO MIN ENG SPEED	WITHOUT PTO 2ND, JUMP TO MINIMUM ENGINE SPEED
S	G8AZ1X	PTO 2ND, MINIMUM ENGINE SPEED	WITHOUT PTO 2ND, MINIMUM ENGINE SPEED
S	H4AZ1X	PTO 2ND,AUTO SET SINGLE SPEED	PTO 2ND, AUTO SET SINGLE SPEED, DISABLE
S	L3CZ1X	PTO2 HOLD TO NEAREST RPM	WITHOUT PTO2 HOLD
S	L4CZ1X	PTO2 ACCEL BUMP-UP RPM	WITHOUT PTO2 ACCEL "BUMP-UP"
S	L5CZ1X	PTO2 DECEL BUMP-DOWN RPM	WITHOUT PTO2 DECEL "BUMP-DOWN"

PAINT			DESCRIPTION
S	950AC0	PAINT DESIGN	SINGLE COLOR
	924034	PAINT TYPE	PEARL OR MICA PAINT
	944524	PAINT COLOR - FIRST COLOR	ULTRA RED-PEARL; L5495
S	945998	PAINT COLOR - SECOND COLOR	NO SECOND TRUCK COLOR PROVIDED; NO COLOR
S	946998	PAINT COLOR - THIRD COLOR	NO THIRD TRUCK COLOR PROVIDED; NO COLOR

PRICELIST DATE	QUOTATION	DATE	PAGE	CUSTOMER NAME	DEALER NAME
20180803	TRIST2019000001C483	1/8/2019	11 of 13	CRAIGHEAD COUNTY	TRI-STATE TRUCK CENTER, INC

PAINT		DESCRIPTION	
S	996AA3	PAINT - CAB PAINT SYSTEM	PAINT - CAB, URETHANE CLEAR COAT
S	MPB944	CAB COLOR	SAME AS FIRST COLOR - CAB
S	MPD944	HOOD COLOR	SAME AS FIRST COLOR - HOOD
S	943998	CHASSIS FAIRING COLOR	WITHOUT CHASSIS FAIRINGS
S	966998	SUN VISOR COLOR	WITHOUT SUN VISOR PAINT
	940998	MIRROR COVER COLOR	WITHOUT MIRROR COVER PAINT
S	MPC998	SLEEPER ROOF COLOR	WITHOUT SLEEPER ROOF COLOR
S	MPA998	ROOF FAIRING COLOR	WITHOUT ROOF FAIRING
S	951AA6	CHASSIS RUNNING GEAR	MACK BLACK (URETHANE)
S	958028	BUMPER	W/O OPTIONAL BUMPER PAINT
S	959019	FUEL TANK - ***NO INVENTED VARIANTS ALLOWED in the FUEL TANK PAINT FAMILY***	W/O OPTIONAL FUEL TANK PAINT
	07XZ1X	PRE-FINISHED DISC WHEELS, FRONT	WITHOUT SPECIAL PRE-FINISHED OPTION
	08XZ1X	PRE-FINISHED DISC WHEELS, REAR	WITHOUT SPECIAL PRE-FINISHED OPTION
S	954AA1	PAINTED DISC WHEELS, FRONT	WITHOUT PAINT
S	955AA1	PAINTED DISC WHEELS, REAR	WITHOUT PAINT
S	962032	HUBS & DRUMS-FRONT	SAME AS CHASSIS RUNNING GEAR
S	963033	HUBS & DRUMS-REAR	SAME AS CHASSIS RUNNING GEAR

CALCULATED CODES - KAX		DESCRIPTION	
	Y0XC1X	FRONT RIDE HEIGHT AT FULL LOAD	RIDE HEIGHT 196MM TO 205 MM CL AXLE TO LOWER FRAME FLANGE
	4CAAHX	NUMBER OF OPTIONAL SWITCHES	NUMBER OF OPTIONAL SWITCHES, 8
S	9JXA1X	PROPCALC SELECTION (CA)	YES, THE ORDER MUST BE CALCULATED
	TJXA2X	NUMBER OF PROP.SHAFTS	TWO PIECE PROP.SHAFTS
	TFXGCX	PROP.SHAFT LENGTH, MAIN AXLE	MAIN PROP.SHAFT LENGTH 600
	TDXNKX	PROP.SHAFT LENGTH, FIRST AXLE	FIRST PROP.SHAFT LENGTH 1125
	TNXCAX	PROP.SHAFT FIRST BRKT VERTICAL	PROP.SHAFT FIRST BRKT, POS 01
	TSXB1X	PROP.SHAFT 1 BRKT POS. HORIZON	PROP.SHAFT 1 BRKT POS., LEFT1
	MXA1X	PROP SHAFT BRKT, FIRST, ANGLE	PROP. SHAFT BRACKET FIRST POSITION ANGLE BASIC (90 DEGREES)
	X2XJBX	CROSSMEMBER '1' LOCATION	CROSSMEMBER1 X=5250MM
	D5EA1X	AUTO ROUTING & CLIPPING, CENTER	AUTOMATIC ROUTING & CLIPPING PLACEMENT, CENTER SECTION
	C4ED5X	ROUTING BRACKET POSITION 4A LH	ROUTING BRACKET POSITION 4A (LEFT FRAME), XM=5700

BASE WARRANTY & PURCHASED COVERAGES		DESCRIPTION	
S	898002	VEHICLE WARRANTY TYPE	NORMAL DUTY WARRANTY CLASSIFICATION
S	M50020	BASIC CHASSIS COVERAGE	NORMAL DUTY STANDARD BASE COVERAGE 12/MONTHS/100,000 MILES (161,000KM)
S	M51021	ENGINE WARRANTY	MACK MP7/MP8 BASE ENGINE COVERAGE 24 MONTHS / 250,000 MILES (402,000KM)
S	M52022	EMISSION COMPONENT COVERAGE	US and CANADA EQUIPPED VEHICLE EMISSION COMPONENTS COVERAGE 60 MONTHS/100,000 MILES (161,000 KM)
S	M53Z1X	MACK ENGINE EXHAUST AFTER TREATMENT COVERAGE	W/O MACK ENGINE EXHAUST AFTERTREATMENT TREATMENT PROTECTION PLAN
S	M54054	TRANSMISSION WARRANTY	mDRIVE TRANSMISSION NORMAL DUTY COVERAGE: 60 MONTHS OR 750,000 MILES
S	M710J1	mDRIVE CLUTCH PROTECTION PLAN	WITHOUT mDRIVE CLUTCH PROTECTION PLAN
S	M55055	CARRIER & AXLE HOUSING WARRANTY	STANDARD VENDOR NORMAL / HEAVY DUTY COVERAGE 36 MONTHS/350,000 (563,00 KM)
S	M56026	AIR CONDITIONING WARRANTY	AIR CONDITIONING STANDARD COVERAGE (Sealed System Only) 12 MONTHS UNLIMITED MILEAGE

PRICELIST DATE	QUOTATION	DATE	PAGE	CUSTOMER NAME	DEALER NAME
20180803	TRIST2019000001C483	1/8/2019	12 of 13	CRAIGHEAD COUNTY	TRI-STATE TRUCK CENTER, INC





## TECHNICAL SPECIFICATION *(cont.)*

BASE WARRANTY & PURCHASED COVERAGES			DESCRIPTION
S	M57027	CHASSIS TOWING WARRANTY	STANDARD NORMAL / HEAVY DUTY CHASSIS TOWING 90 DAYS OR 5,000 MILES
S	M58028	ENGINE TOWING WARRANTY	STANDARD MACK ENGINE TOWING COVERAGE 24 MONTHS/250,000 MILES (402,000 KM)
S	M61Z1X	ALTERNATOR & STARTER WARRANTY	W/O ALTERNATOR and STARTER EXTENDED WARRANTY COVERAGE
S	M59Z1X	STARTER WARRANTY	W/O STARTER PURCHASED COVERAGE
S	M60Z1X	ALTERNATOR WARRANTY	W/O ALTERNATOR PURCHASED COVERAGE
S	M690F9	GUARDDOG CONNECT BUNDLE	24 MONTH - GUARDDOG CONNECT WITH MACK OTA (with ASIST and Mack OneCall)
S	M72Z1X	OMNITRACS FOR MACK TRUCKS	WITHOUT OMNITRACS FOR MACK TRUCKS
S	M68Z1X	PARTNERED SERVICES	W/O TELOGIS PACKAGE
S	M65Z1X	PREMIUM MAINTENANCE PLAN 1 & PLAN 2	W/O PREMIUM MAINTENANCE PLAN
S	M66Z1X	PREMIUM MAINTENANCE AFTERTREATMENT PLAN	W/O AFTERTREATMENT PREMIUM MAINTENANCE PLAN
S	M67017	PREMIUM MAINTENANCE - CHASSIS LUBE AND INSPECTION	W/O PREMIUM MAINTENANCE - CHASSIS LUBE AND INSPECTION COVERAGE
S	M99000	CUSTOM/BUNDLED PURCHASE COVERAGE OPTIONS	W/O CUSTOM/BUNDLED PURCHASE COVERAGE OPTION





**CRAIGHEAD COUNTY**  
**INVITATION TO BID-Not an Order**  
Craighead County Judge's Office  
511 Union St.; Suite 119  
Jonesboro, Arkansas 72401

**PURCHASING OFFICE**

BID NO. 2018-36

DATE: December 21, 2018

Sealed bids, subject to the conditions on the reverse hereof, and as may be attached hereto, will be received at this office until 2:00 PM January 10, 2019, local time and then publicly opened, for furnishing the supplies, materials, and/or services as described below.

Bids will be opened January 10, 2019.  
2:00 P.M. Local time

F.O.B. Jonesboro, Arkansas

BY: Al Haines

Maximum Delivery or completion time after issuance of Purchase

PURCHASING DIRECTOR

Order or work ordered by County 120 days.

Item #	DESCRIPTION	QUANT	UNIT	UNIT PRICE	AMOUNT
1	Furnish two (2) each Tractor Trucks with Automatic transmissions, fifth wheel, and all hydraulics and electal componets necessary for belly dump trailers to function. (EG dump, brakes, lighting, other required safety items) to Craighead County Road Department, 2800 Moore Road, Jonesboro, AR. 72401 according to attached specifications. Trucks are to be made ready for belly dump trailer operations. Bidders are encouraged to review belly dump trailers located at Craighead County Road Shop, 2800 Moore Rd, Jonesboro, AR 72401.	2		112,685	225,370
2	This bid package contains 5 pages. All 5 pages must be returned to complete bid.				
3	Bid must be signed by authorized company representative.				
4	Bidder should: A. Clearly define and list warranty information on each item in years. B. Include all labor, delivery charges, training, programming, and any other charges FOB Jonesboro, Arkansas 72401, in bid price. C. Include product literature and specifications with bid. D. All relevant information will be considered when determining best bid for Craighead County. E. Specify cash discounts, if available. F. Note bid number on outside of bid envelope. G. Specify approximate ship time in days, if awarded bid. F. List make, model, and manufacturer of equipment being offered. G. Quote same or equal equipment in all aspects. H. Specify nearest service and parts supply location to Jonesboro, AR.				
5	Does bidder meet all tractor truck specifications? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If no, clearly list and define differences on a separate sheet.				
6	Attached equipment list with names and part numbers is for reference.				
7	Bidder should put total bid price on this sheet. Total bid price is \$ <u>225,370</u>				

**EXECUTION OF BID**

Date 1/7/2019

We, the undersigned, have read all the requirements set forth in this bid proposal including specifications, instructions, conditions, and pertinent information regarding the articles being bid on, and we agree to furnish articles at the prices stated.

Arkansas Use Tax Register No. 127448-18-001

Bidder Chow's Truck Center Address 5300 DAVIDSON RD MEMPHIS, TN 38118  
(Person Authorized to Sign Bids) Title Valu Representative

UNSIGNED BIDS WILL BE REJECTED

BIDS ARE SUBJECT TO REJECTION UNLESS SUBMITTED ON THIS FORM

NOTICE TO BIDDERS, SEE REVERSE SIDE OR ATTACHMENTS FOR INSTRUCTIONS AND CONDITIONS.



**CRAIGHEAD COUNTY  
JONESBORO, ARKANSAS  
CONDITIONS OF BIDDING**

**Compliance with the following conditions is necessary for consideration of this bid.**

- 1 Signature-This bid must be signed with the firm name and by an authorized officer, employee or agent.
- 2 Sales Tax-Is not to be shown in the bid price, but is to be added by the vendor to the invoice billing to the County.  
The County is exempt from Arkansas State Sales Tax on road equipment and vehicles. Contractors are to include all costs into the bid price, including applicable taxes.
- 3 Freight and other delivery charges-to destination at designated County facility in the County must be included in bid.  
Charges may not be added after the bid is opened.
- 4 Discounts-Show rate, total amount, and latest day any discounts will be allowed after receipt of article and invoice, otherwise County will deduct allowed discount when payment is made.
- 5 Firm Price-All prices quoted will remain firm for at least 30 days from date of bid, unless otherwise specified by the County or bidder
- 6 Tax Exempt-Craighead County is exempt from State sales tax on self propelled equipment and motor vehicles.  
Example: Motor graders, excavators, dozers, dump trucks, pickup trucks, etc.
- 7 Identical Bids-In the event of two or more identical low bids, the contract may be awarded arbitrarily or for any reason to any of such bidders, or split in any proportion between the said two or more bidders at discretion of the County.
- 8 Clean up-Complete cleanup and proper disposal of any and all job related items is considered to be a part of any contract let by Craighead County.
- 9 Ambiguity in bid-Any ambiguity in any bid as the result of omission, error, lack of clarity or non-compliance specifications, instructions, and all conditions of bidding shall be construed in the light most favorable to the County
- 10 Construction  
A. When requested, the Contractor is to supply the County with evidence of having and maintaining proper and specifically Workman's Compensation Insurance in accordance with the laws of the State of Arkansas, Public Liability, and Property Damage. All premiums and cost shall be paid by Contractor. In no way will the County be responsible in case of accident.  
B. A Performance Bond equaling the total amount of any bid exceeding \$20,000 must be provided for erection of any public building, public structure, or public improvement(Pursuant to Arkansas Code 18-44-503.)
- 11 The County reserves the right to reject any and all bids, accept in whole or in part, to waive informalities in bids received, to accept bids on materials or equipment with variations from specifications in those cases where efficiency of operation will not be impaired, and unless otherwise specified by bidder, to accept any item in the bid. If unit prices and extensions thereof do not coincide, the County may accept the bid for the lesser amount whether reflected by extension or by the correct multiple of the unit price.

**INSTRUCTIONS TO BIDDERS**

(Please read carefully)

- 1 Submit bid on bid form attached or reverse side of this sheet.
- 2 Address all bids to: Purchasing Director, Craighead County Judge's Office, 511 Union St.; Suite 119, Jonesboro, Arkansas 72401 and make certain to indicate identifying bid number on the outside of bid envelope.
- 3 DO NOT include Federal Excise Tax in bid. County will furnish exemption certificate.
- 4 State Manufacturer, Brand Name, Model, etc. for each item bid on.
- 5 Samples of items, when required must be furnished free, and, if not called for within 30 days from date of bid opening, will be disposed of by the County
- 6 Bids received after stated time will not be considered.
- 7 Be sure and read all conditions and verify amounts before submitting bids. No changes or additions will be allowed after submission.
- 8 Guarantees and warranties should be attached as a part of the bid, as they may be a consideration in awarding contract.
- 9 Delivery or contract completion time is to be shown, as this date may, where time is of the essence, determine the contract award.
- 10 Additional information may be obtained from the Purchasing Department.

**THE COUNTY RESERVES THE RIGHT TO ACCEPT PART OR ALL OF ANY SPECIFIC BID OR BIDS  
AND TO ACCEPT BID WITH OR WITHOUT TRADE-IN, AND REJECT ANY AND ALL BIDS.**

	<u>General</u>								
A	Tractor Trucks (automatic transmissions) shall be the latest year model in current production with proven performance								
	by manufacturer and shall meet all federal emissions and all other EPA regulations.(Specify year model)	✓							
D	Note: Part of specifications may be Freightliner specific. Please bid equal equipment.	✓							
	<u>VEHICLE SPECIFICATIONS</u>	Meet Specifications							
	<u>Vehicle Configuration</u>	Yes	No						
1	114SD CONVENTIONAL CHASSIS	✓							EQUIVALENT 4700
2	SPECIFY MODEL YEAR 2020 (Or latest model in current production)	✓							
3	SET FORWARD AXLE - TRUCK	✓							
4	LH PRIMARY STEERING LOCATION	✓							
5	WHEEL BASE 193"	✓							
6	FREIGHTLINER LEVEL II WARRANTY	✓							
7	EXPECTED FRONT AXLE(S) LOAD : 12,000.0 lbs.	✓							
8	EXPECTED REAR DRIVE AXLE(S) LOAD : 40,000.0 lbs.	✓							
9	EXPECTED GROSS VEHICLE WEIGHT CAPACITY 52,000 lbs	✓							
10	EXPECTED GROSS COMBINATION WEIGHT 80,000lbs	✓							
11	DD13 12.8L 470 HP @ 1625 RPM, 1900 GOV RPM, 1650 LB/FT @ 975 RPM	✓							
12	2010 EPA/CARB FINAL EMISSION CERTIFICATION 2016 ON BOARD DIAGNOSTICS	✓							
13	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE	✓							
14	(3) DTNA GUNINE WITH 3875 CCA		✓						3375 CCA
15	POSITIVE AND NEGATIVE POSTS FOR JUMPSTART MOUNTED NEAR/ON BATTERY TRAY/BOX	✓							
16	ZF-SACHS 15-1/2 INCH TWIN XTEND ULTRA SOFT DAMPER CERAMIC CLUTCH	N/A							WITH AUTOMATIC
17	TORQUE LIMITING CLUTCH BRAKE	N/A							WITH AUTOMATIC
18	ZERK FITTING WITH EXTENSION HOSE AT CLUTCH RELEASE BEARING	N/A							WITH AUTOMATIC
19	BW MODEL BA-921 19.0 CFM SINGLE CYLINDER AIR COMPRESSOR WITH SAFETY VALVE	✓							
20	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM	✓							
21	JACOBS COMPRESSION BRAKE	✓							
22	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH LH B-PILLAR MOUNTED VERTICAL TAILPIPE	✓							
23	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH	✓							
24	BRIGHT UPPER STACK(S)	✓							
25	13 GALLON DIESEL EXHAUST FLUID TANK	✓							
26	BORG WARNER (KYSOR) REAR AIR ON/OFF ENGINE FAN CLUTCH	✓							
27	DDC SUPPLIED ENGINE MOUNTED FUEL FILTER/FUEL WATER SEPARATOR WITH WATER-IN-	✓							
28	PHILLIPS TEMRO 1500 WATT/115 VOLT BLOCK HEATER	✓							
29	1500 SQUARE INCH ALUMINUM RADIATOR	✓							
30	DELCO 12V 39MT+ HD/OCP STARTER WITH THERMAL PROTECTION AND INTEGRATED MAGNETIC SWITCH	✓							39MT AVAILABLE w/COMPLIANCE ONLY
31	ALLISON AUTOMATIC 4500 RDS TRANSMISSION WITH PTO PROVISIONS	✓							EQUIV TO.
32	MFS-18-133A 12,000# FL1 SINGLE FRONT AXLE	✓							
33	MERITOR 16.5X6 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES	✓							
34	MERITOR AUTOMATIC FRONT SLACK ADJUSTERS	✓							
35	TRW THP-60 POWER STEERING WITH RCH45 AUXILIARY GEAR	✓							
36	ROADRANGER SYNTHETIC FE 75W-90 FRONT AXLE LUBE	✓							



37	12,000# TAPERLEAF FRONT SUSPENSION	✓				
38	FRONT SHOCK ABSORBERS	✓				
39	RT-46-160 40,000# EXTRA OUTER REAR SUSPENSION	✓				
40	3.91 REAR AXLE RATIO	✓				
41	MXL 176N MERITOR EXTENDED LUBE MAIN DRIVELINE WITH FULL ROUND YOKES	✓				
42	MXL 17N MERITOR EXTENDED LUBE INTERAXLE DRIVELINE WITH FULL ROUND YOKES	✓				
43	DRIVER CONTROLLED TRACTION DIFFERENTIAL - BOTH TANDEM REAR AXLES	✓				
44	(1) INTERAXLE LOCK VALVE, (1) DRIVER CONTROLLED DIFFERENTIAL LOCK FORWARD-REAR AND REAR-REAR AXLE VALVE	✓				
46	MERITOR 16.5X8.62 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES	✓				
47	BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE AXLE(S)	✓				
48	AIRLINER 40,000# EXTRA DUTY REAR SUSPENSION	✓				
49	FORE/AFT AND TRANSVERSE CONTROL RODS	✓				
50	WABCO 6S/6M ABS WITH TRACTION CONTROL WITH ATC OFF-ROAD SWITCH	✓				
51	PRIMARY CONNECTOR/RECEPTACLE WIRED FOR SEPARATE STOP/TURN, CENTER PIN	✓				
52	SAE J560 7-WAY PRIMARY TRAILER CABLE RECEPTACLE MOUNTED END OF FRAME	✓				
53	4900MM (193 INCH) WHEELBASE	✓				
54	11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8MM/0.344X10.94 INCH) 120KSI	✓				
	16.5 INCH CHROME STEEL STRAIGHT BUMPER	✓				
62	100 GALLON/378 LITER ALUMINUM FUEL TANK - LH	✓				
63	MICHELIN XDS2 11R22.5 16 PLY ALUMINUM WHEELS	✓				
64	114 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB	✓				
65	AIR CAB MOUNTS	✓				
66	NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE	✓				
67	CHROMED HOOD MOUNTED AIR INTAKE GRILLE	✓				
68	DUAL 26 INCH RECTANGULAR POLISHED ALUMINUM AIR HORNS ROOF MOUNTED	✓				
69	DUAL HORN SHIELDS	✓				
70	HALOGEN COMPOSITE HEADLAMPS WITH BRIGHT BEZELS	✓				
71	DUAL WEST COAST BRIGHT FINISH HEATED MIRRORS WITH LH AND RH REMOTE	✓				
72	DOOR MOUNTED MIRRORS	✓				
73	LH AND RH 8" BRIGHT FINISH CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS	✓				
74	TINTED DOOR GLASS LH AND RH WITH TINTED OPERATING WING WINDOWS	✓				
75	RH AND LH ELECTRIC POWERED WINDOWS	✓				
76	INTERIOR CONVENIENCE PACKAGE WITH CB PROVISION	✓				
77	2-1/2 LB. FIRE EXTINGUISHER	✓				
78	HEATER, DEFROSTER AND AIR CONDITIONER	✓				
79	CAB INSULATION	✓				
80	SOLID-STATE CIRCUIT PROTECTION AND FUSES	✓				
81	LH AND RH ELECTRIC DOOR LOCKS	✓				
82	(1) 12 VOLT POWER SUPPLY IN DASH	✓				
83	TRIANGULAR REFLECTORS WITHOUT FLARES	✓				
84	BOSTROM TALLADEGA 910 HIGH BACK AIR SUSPENSION DRIVER SEAT WITH AIR LUMBAR	✓				
85	HIGH BACK NON SUSPENSION PASSENGER SEAT	✓				
86	LH AND RH INTEGRAL DOOR PANEL ARMRESTS	✓				
87	CLOTH DRIVER SEAT COVER	✓				
88	CLOTH PASSENGER SEAT COVER	✓				
89	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN	✓				

Exceeds 110" BBC Steel

90	97 DB BACKUP ALARM	✓				
91	ELECTRONIC CRUISE CONTROL WITH SWITCHES ON AUXILIARY GAUGE PANEL (B DASH PANEL)	✓				
92	ODOMETER/TRIP/HOUR/DIAGNOSTIC/VOLTAGE DISPLAY: 1X7 CHARACTER, 26 WARNING LAMPS, DATA LINKED, ICU3	✓				
93	DIAGNOSTIC INTERFACE CONNECTOR, 9 PIN, SAE J1939, LOCATED BELOW DASH	✓				
94	2 INCH ELECTRIC FUEL GAUGE	✓				
95	FUEL FILTER RESTRICTION INDICATOR	✓				
96	DUAL REAR AXLE TEMPERATURE GAUGES FOR TANDEM AXLES	✓				
97	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE	✓				
98	ENGINE OIL TEMPERATURE GAUGE	✓				
99	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE	✓				
100	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY	✓				
101	ELECTRIC ENGINE OIL PRESSURE GAUGE	✓				
102	AM/FM/WB RADIO WITH FRONT AUXILIARY INPUT	✓				
103	DASH MOUNTED RADIO	✓				
104	ELECTRONIC 3000 RPM TACHOMETER	✓				
105	TRAILER HAND CONTROL BRAKE VALVE	✓				
106	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE	✓				
107	PAINT: ONE SOLID COLOR	✓				
108	CAB COLOR (EQUAL TO L5495EB ULTRA RED PEARL METALLIC ELITE BC)	✓				
109	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT	✓				
	<b>Unit cost proposal</b>					
	Bidder shall list the purchase price per unit here and on top sheet. \$ <u>112,685.00</u>					





Prepared for:  
Eugene Neff  
Craighead County Highway Department  
2800 Moore Rd  
Jonesboro, AR 72401  
Phone: 870-933-4510

Prepared by:  
Pat McHugh  
CROWS TRUCK SERVICE  
5278 HWY. 78  
MEMPHIS, TN 38118  
Phone: 901-366-6611

## SPECIFICATION PROPOSAL

Description	Weight Front	Weight Rear
<b>Price Level</b>		
WESTERN STAR 4700 PRL-18T (EFF:04/14/18)		
<b>Data Version</b>		
SPECPRO21 DATA RELEASE VER 033		
<b>Vehicle Configuration</b>		
4700 SET-FORWARD FRONT AXLE CHASSIS	9,100	6,720
2020 MODEL YEAR SPECIFIED		
SET FORWARD AXLE - TRACTOR	40	
LH PRIMARY STEERING LOCATION		
<b>General Service</b>		
TRACTOR/TRAILER CONFIGURATION		
DOMICILED, USA 50 STATES (INCLUDING CALIFORNIA AND CARB OPT-IN STATES)		
CONSTRUCTION SERVICE		
GOVERNMENT BUSINESS SEGMENT		
DRY BULK COMMODITY		
TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS		
MAXIMUM 8% EXPECTED GRADE		
SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE		
WESTERN STAR VOCATIONAL WARRANTY		
EXPECTED FRONT AXLE(S) LOAD : 12000.0 lbs		
EXPECTED REAR DRIVE AXLE(S) LOAD : 40000.0 lbs		
EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 52000.0 lbs		
EXPECTED GROSS COMBINATION WEIGHT : 80000.0 lbs		

Prepared for:  
 Eugene Neff  
 Craighead County Highway Department  
 2800 Moore Rd  
 Jonesboro, AR 72401  
 Phone: 870-933-4510

Prepared by:  
 Pat Mchugh  
 CROWS TRUCK SERVICE  
 5278 HWY. 78  
 MEMPHIS, TN 38118  
 Phone: 901-366-6611

Description	Weight Front	Weight Rear
<b>Tractor Service</b>		
FRAMELESS TYPE END DUMP TRAILER		
SINGLE (1) TRAILER		
<b>Engine</b>		
DETROIT DD13 12.8L 470 HP @ 1625 RPM, 1900 GOV RPM, 1650 LB/FT @ 975 RPM		
<b>Electronic Parameters</b>		
65 MPH ROAD SPEED LIMIT		
CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT		
5 MINUTES IDLE SHUTDOWN WITH CLUTCH AND SERVICE BRAKE OVERRIDE		
PTO MODE BRAKE OVERRIDE - SERVICE BRAKE APPLIED OR PARK BRAKE NOT APPLIED		
PTO MODE RPM INCREMENT - 25 RPM		
ONE REMOTE PTO SPEED		
PTO SPEED 1 SETTING - 900 RPM		
SOFT CRUISE CONTROL ENABLED		
<b>Engine Equipment</b>		
2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/FINAL GHG17 CONFIGURATION		
2008 CARB EMISSION CERTIFICATION - CLEAN IDLE (INCLUDES 6X4 INCH LABEL ON LOWER FORWARD CORNER OF DRIVER DOOR)		
STANDARD OIL PAN		
ENGINE MOUNTED OIL CHECK AND FILL		
ONE PIECE VALVE COVER		
SIDE OF HOOD AIR INTAKE WITH DONALDSON HIGH CAPACITY AIR CLEANER WITH SAFETY ELEMENT, FIREWALL MOUNTED		
DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE		
(3) DTNA GENUINE, FLOODED STARTING, MIN 3375CCA, 585RC, THREADED STUD BATTERIES	-10	
BATTERY BOX FRAME MOUNTED	35	
SINGLE BATTERY BOX FRAME MOUNTED LH SIDE UNDER CAB		
WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN		
NON-POLISHED BATTERY BOX COVER		

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Description	Weight Front	Weight Rear
POSITIVE AND NEGATIVE POSTS FOR JUMPSTART LOCATED ON FRAME NEXT TO STARTER	2	
BW MODEL BA-921 19.0 CFM SINGLE CYLINDER AIR COMPRESSOR WITH SAFETY VALVE		
AIR COMPRESSOR DISCHARGE LINE		
ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM		
JACOBS COMPRESSION BRAKE		
RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE		
ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH		
11 FOOT 06 INCH (138 INCH+0/-5.9 INCH) EXHAUST SYSTEM HEIGHT		
STANDARD CURVE BRIGHT UPPER STACK(S)		
RH CURVED VERTICAL TAILPIPE B-PILLAR MOUNTED ROUTED FROM STEP		
13 GALLON DIESEL EXHAUST FLUID TANK	35	10
100 PERCENT DIESEL EXHAUST FLUID FILL		
STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING		
LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION		
STAINLESS STEEL AFTERTREATMENT DEVICE/MUFFLER/TAILOPIPE SHIELD		
BORG WARNER (KYSOR) REAR AIR ON/OFF ENGINE FAN CLUTCH		
AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED		
DDC SUPPLIED ENGINE MOUNTED FUEL FILTER/FUEL WATER SEPARATOR WITH WATER-IN-FUEL INDICATOR		
FULL FLOW OIL FILTER		
1500 SQUARE INCH ALUMINUM RADIATOR		
MOUNTING FOR FIREWALL MOUNTED SURGE TANK		
ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT		
GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT		



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Description	Weight Front	Weight Rear
CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES		
HDEP FIXED RATIO COOLANT PUMP AND RADIATOR DRAIN VALVE		
NO RADIATOR/OIL PAN GUARD	-5	
PHILLIPS-TEMRO 1500 WATT/115 VOLT BLOCK HEATER		
PHILLIPS-TEMRO 300 WATT/115 VOLT OIL PREHEATER		
CHROME ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR		
ALUMINUM FLYWHEEL HOUSING		
MITSUBISHI 12V MOD 3.175-DP60 STARTER WITH INTEGRATED MAGNETIC SWITCH		

#### Transmission

ALLISON 4500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION	170	50
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#### Transmission Equipment

ALLISON VOCATIONAL PACKAGE 223 -  
AVAILABLE ON 3000/4000 PRODUCT FAMILIES  
WITH VOCATIONAL MODELS RDS, HS, MH AND  
TRV

ALLISON VOCATIONAL RATING FOR ON/OFF  
HIGHWAY APPLICATIONS AVAILABLE WITH ALL  
PRODUCT FAMILIES

PRIMARY MODE GEARS, LOWEST GEAR 1,  
START GEAR 1, HIGHEST GEAR 6, AVAILABLE  
FOR 3000/4000 PRODUCT FAMILIES ONLY

SECONDARY MODE GEARS, LOWEST GEAR 1,  
START GEAR 1, HIGHEST GEAR 6, AVAILABLE  
FOR 3000/4000 PRODUCT FAMILIES ONLY

PRIMARY SHIFT SCHEDULE RECOMMENDED BY  
DTNA AND ALLISON, THIS DEFINED BY ENGINE  
AND VOCATIONAL USAGE

SECONDARY SHIFT SCHEDULE  
RECOMMENDED BY DTNA AND ALLISON, THIS  
DEFINED BY ENGINE AND VOCATIONAL USAGE

PRIMARY SHIFT SPEED RECOMMENDED BY  
DTNA AND ALLISON, THIS DEFINED BY ENGINE  
AND VOCATIONAL USAGE

SECONDARY SHIFT SPEED RECOMMENDED BY  
DTNA AND ALLISON, THIS DEFINED BY ENGINE  
AND VOCATIONAL USAGE

LOAD BASED SHIFT SCHEDULE AND VEHICLE  
ACCELERATION CONTROL RECOMMENDED BY  
DTNA AND ALLISON, THIS DEFINED  
VOCATIONAL USAGE

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Description	Weight Front	Weight Rear
MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN		
PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED		
TRANSMISSION PROGNOSTICS - ENABLED 2013		
WATER TO OIL TRANSMISSION COOLER, FRAME MOUNTED	15	
TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK		
SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)		
<b>Front Axle and Equipment</b>		
DETROIT DA-F-12.0-3 12,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE	-190	
MERITOR 16.5X5 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES	-10	
2011/2013-FMVSS 121 RSD FRONT BRAKE LINING		
CONMET CAST IRON FRONT BRAKE DRUMS		
FRONT OIL SEALS		
VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL		
STANDARD SPINDLE NUTS FOR ALL AXLES		
MERITOR AUTOMATIC FRONT SLACK ADJUSTERS		
STANDARD KING PIN BUSHINGS		
TRW THP-60 POWER STEERING	-40	
POWER STEERING PUMP		
2 QUART SEE THROUGH POWER STEERING RESERVOIR		
ROADRANGER SYNTHETIC FE 75W-90 FRONT AXLE LUBE		
<b>Front Suspension</b>		
12,000# DUAL TAPERLEAF FRONT SUSPENSION	-188	
MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION		
FRONT SHOCK ABSORBERS		
<b>Rear Axle and Equipment</b>		
RT-40-160 40,000# R-SERIES TANDEM REAR AXLE		370
3.91 REAR AXLE RATIO		

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Description	Weight Front	Weight Rear
IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING		
MXL 18T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES		
MXL 17T MERITOR EXTENDED LUBE INTERAXLE DRIVELINE WITH HALF ROUND YOKES		
DRIVER CONTROLLED TRACTION DIFFERENTIAL - BOTH TANDEM REAR AXLES		30
(1) INTERAXLE LOCK VALVE, (1) DRIVER CONTROLLED DIFFERENTIAL LOCK FORWARD- REAR AND REAR-REAR AXLE VALVE		
INDICATOR LIGHT FOR EACH INTERAXLE LOCKOUT SWITCH		
INDICATOR LIGHT FOR EACH DRIVER CONTROLLED TRACTION DEVICE SWITCH		
MERITOR 16.5X8.62 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES		
2011/2013-FMVSS 121 RSD REAR BRAKE LININGS		
BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE AXLE(S) WITH AUXILIARY SUPPORT BRACKETS		
CONMET CAST IRON REAR BRAKE DRUMS		
REAR OIL SEALS		
WABCO TRISTOP D LONGSTROKE 2-DRIVE AXLE SPRING PARKING CHAMBERS		
MERITOR AUTOMATIC REAR SLACK ADJUSTERS		
SYNTHETIC 75W-90 REAR AXLE LUBE		

#### Rear Suspension

AIRLINER 40,000# EXTRA DUTY REAR  
SUSPENSION  
AIRLINER HIGH POSITION RIDE HEIGHT  
RESTRAINED AXLE SEATS IN AXLE CLAMP  
GROUP  
51 INCH AXLE SPACING  
MANUAL DUMP VALVE FOR AIR SUSPENSION  
WITHOUT GAUGE  
INDICATOR LIGHT FOR EACH REAR  
SUSPENSION CONTROL SWITCH  
SINGLE AIR REAR SUSPENSION LEVELING  
VALVE  
TRANSVERSE CONTROL RODS



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Description	Weight Front	Weight Rear
REAR SHOCK ABSORBERS - TWO AXLES (TANDEM) (AIR RIDE SUSPENSION)		
<b>Brake System</b>		
WABCO 6S/6M ABS		
REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES		
FIBER BRAID PARKING BRAKE HOSE		
STANDARD BRAKE SYSTEM VALVES		
RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE		
WABCO SYSTEM SAVER HP WITH INTEGRAL AIR GOVERNOR AND HEATER		
AIR DRYER MOUNTED OUTBOARD ON LH RAIL		
STEEL AIR BRAKE RESERVOIRS		
PULL CABLE ON WET TANK, PETCOCK DRAIN VALVES ON ALL OTHER AIR TANKS		
<b>Trailer Connections</b>		
12 FOOT STRAIGHT TRAILER AIR HOSE	10	
HASP, HOOK AND SPRING FOR TRAILER LINES		
COMBINATION DUMMY GLAD HANDS AND LIGHT PLUG HOLDER		
PRIMARY CONNECTOR/RECEPTACLE WIRED FOR SEPARATE STOP/TURN, ABS CENTER PIN POWERED THROUGH IGNITION		
SAE J560 7-WAY PRIMARY TRAILER CABLE RECEPTACLE FRAME MOUNTED AFT CAB		
12 FOOT DETACHABLE STRAIGHT PRIMARY TRAILER ELECTRICAL CABLE WITH SAE J560 CONNECTOR	10	
<b>Wheelbase &amp; Frame</b>		
4900MM (193 INCH) WHEELBASE		
11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8MM/0.344X10.94 INCH) 120KSI	160	-50
1600MM (63 INCH) REAR FRAME OVERHANG		
FRAME OVERHANG RANGE: 61 INCH TO 70 INCH		
CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 111.68 in		
CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 109.68 in		
CALC'D FRAME LENGTH - OVERALL : 272.86		
CALC'D SPACE AVAILABLE FOR DECKPLATE : 82.04 in		

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Description	Weight Front	Weight Rear
CALCULATED FRAME SPACE LH SIDE : 5.41 in		
CALCULATED FRAME SPACE RH SIDE : 160.92 in		
SQUARE END OF FRAME		
STANDARD WEIGHT ENGINE CROSSMEMBER		
STANDARD CROSSMEMBER BACK OF TRANSMISSION		
STANDARD MIDSHIP #1 CROSSMEMBER(S)		
INVERTED U TRACTOR CROSSMEMBER		10
HEAVY DUTY SUSPENSION CROSSMEMBER		
STANDARD WEIGHT REAR SUSPENSION CROSSMEMBER		
<b>Chassis Equipment</b>		
LH BACK OF CAB ACCESS, GRAB HANDLES WITH SINGLE RUBBER INSERT	5	5
21 INCH (525MM) DECK PLATE FLUSH MOUNTED BETWEEN RAILS	8	7
16.5 INCH PLAIN ALUMINUM STRAIGHT BUMPER	-70	
REMOVABLE FRONT TOW HOOKS STORED ON THE CHASSIS FRAME	25	
BUMPER MOUNTING FOR SINGLE LICENSE PLATE		
BETTS B-35 PAINTED MUDFLAP BRACKETS		15
WESTERN STAR LOGO BLACK MUDFLAPS		15
FRONT ANTI-SPRAY CAB MOUNTED MUDFLAPS		
GRADE 8 THREADED HEX HEADED FRAME FASTENERS		
EXTERIOR HARNESSSES WRAPPED IN ABRASION TAPE		
<b>Fifth Wheel</b>		
JOST JSK37 SERIES 24.0 INCH AIR SLIDE NO-TILT FIFTH WHEEL - 2 INCH SLIDE INCREMENTS	30	540
FIFTH WHEEL 356MM (14.0 INCHES) AHEAD OF SUSPENSION CENTERLINE		
197MM (7.75 INCH) FIFTH WHEEL HEIGHT		
OUTBOARD ANGLE - FIFTH WHEEL MOUNTING		
DASH MOUNTED CONTROL VALVE AND PLUMBING FOR FIFTH WHEEL		
LH FIFTH WHEEL RELEASE		
<b>Fuel Tanks</b>		
100 GALLON/378 LITER ALUMINUM FUEL TANK - LH	20	

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Description	Weight Front	Weight Rear
25 INCH DIAMETER FUEL TANK(S) PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS FUEL TANK(S) AFT PLAIN STEP FINISH FUEL TANK CAP(S) EQUIFLO INBOARD FUEL SYSTEM HIGH TEMPERATURE REINFORCED NYLON FUEL LINE FUEL COOLER	-35	35
<b>Tires</b>		
MICHELIN XZE2 11R22.5 16 PLY RADIAL FRONT TIRES	24	
MICHELIN XDN2 11R22.5 16 PLY RADIAL REAR TIRES		160
<b>Hubs</b>		
CONMET PRESET PLUS PREMIUM IRON FRONT HUBS CONMET PRESET PLUS PREMIUM IRON REAR HUBS		
<b>Wheels</b>		
ACCURIDE 42644 ACCU-LITE 22.5X8.25 10-HUB PILOT 5.79 INSET ALUMINUM DISC FRONT WHEELS	-60	
ALCOA LVL ONE 88367X 22.5X8.25 10-HUB PILOT ALUMINUM DISC REAR WHEELS FRONT WHEEL MOUNTING NUTS REAR WHEEL MOUNTING NUTS		-200
<b>Cab Exterior</b>		
110 INCH BBC STEEL CONVENTIONAL CAB WESTERN STAR PAINTED ALUMINUM CAB SKIRT AIR CAB MOUNTS WITH CHECK VALVE NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE FRONT FENDERS LH AND RH EXTERIOR GRAB HANDLES WITH RUBBER INSERTS AND RH INTERIOR GRAB HANDLE MOUNTED TO A POST STATIONARY BRIGHT FINISH GRILLE CHROME HOOD MOUNTED AIR INTAKE GRILLE		



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Description	Weight Front	Weight Rear
GALVANEALD STEEL SEVERE SERVICE CAB		
FIBERGLASS HOOD		
DUAL HADLEY SD-978 26 INCH RECTANGULAR AIR HORNS		
SINGLE ELECTRIC HORN		
DUAL HORN SHIELDS		
DOORS AND IGNITION KEYED THE SAME		
REAR LICENSE PLATE MOUNT END OF FRAME		
SINGLE RECTANGULAR H4 HALOGEN HEADLIGHTS WITH BRIGHT BÉZELS		
(5) AMBER MARKER LIGHTS		
INTEGRAL STOP/TAIL/BACKUP LIGHTS		
STANDARD FRONT TURN SIGNAL LAMPS		
DUAL WEST COAST STAINLESS STEEL HEATED MIRRORS WITH LIGHTS AND LH AND RH REMOTE		
DOOR MOUNTED MIRRORS		
102 INCH EQUIPMENT WIDTH		
LH AND RH 8 INCH STAINLESS STEEL CONVEX MIRRORS MOUNTED BELOW PRIMARY MIRRORS		
RH DOWN VIEW MIRROR		
STANDARD SIDE/REAR REFLECTORS		
REAR REFLECTIVE DEVICE		
REMOTE KEYLESS ENTRY AND 2 TRANSMITTERS	2	
FIBERGLASS EXTERIOR SUN VISOR	24	
17.5X35 INCH TINTED REAR WINDOW		
TINTED DOOR GLASS		
RH AND LH ELECTRIC POWERED WINDOWS	4	
2-PIECE TINTED CURVED GASKET MOUNTED WINDSHIELD		
2 GALLON WINDSHIELD WASHER RESERVOIR WITHOUT FLUID LEVEL INDICATOR, MOUNTED UNDER CAB, WITH REMOTE FILL		
<b>Cab Interior</b>		
GRAY VINYL BASE INTERIOR		
BLACK HARD TRIM		
BASE LEFT HAND DOOR TRIM		
BASE RIGHT HAND DOOR TRIM		
BLACK MATS WITH SINGLE INSULATION		

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Description	Weight Front	Weight Rear
DASH MOUNTED ASH TRAY AND LIGHTER, DRIVER SIDE		
FORWARD ROOF MOUNTED CONSOLE		
PASSENGER SIDE WING DASH MOUNTED GLOVE BOX WITH LOCKING DOOR		
LH AND RH DOOR MAP POCKETS		
(2) COAT HOOKS ON BACKWALL OF CAB		
(1) CUP HOLDER MOUNTED IN BOTTOM CENTER OF DASH		
TWO-TONE CHARCOAL UPPER/COOL GRAY LOWER SOFT TOUCH WING DASH WITH BLACK DRIVER SIDE COSMETIC UNDER DASH COVER		
2-1/2 LB. FIRE EXTINGUISHER MOUNTED OUTBOARD OF DRIVER SEAT	5	
HEATER, DEFROSTER AND AIR CONDITIONER WITH CONSTANT TEMPERATURE CONTROL AND COSMETIC COVER		
HVAC DUCTING WITH FOAM MAIN FRESH AIR FILTER AND OUTSIDE PRE-FILTER		
MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH		
STANDARD HEATER PLUMBING WITH BALL SHUTOFF VALVES AT SUPPLY LINES ONLY		
DENSO HEAVY DUTY AIR CONDITIONER COMPRESSOR		
RADIATOR MOUNTED AIR CONDITIONER CONDENSER		
BINARY CONTROL, R-134A		
CAB INSULATION		
AUTOMATIC SELF-RESET CIRCUIT BREAKER IN MAIN DASH POWER DISTRIBUTION BOX AND CIRCUIT BREAKER/FUSE IN AUXILIARY POWER DISTRIBUTION BOXES		
DOOR ACTIVATED DOME LIGHT, UNDER DASH LIGHT AND LH AND RH DOOR MOUNTED COURTESY LIGHTS		
LH AND RH ELECTRIC DOOR LOCKS		
TRIANGULAR REFLECTORS KIT WITHOUT FLARES SHIPPED LOOSE IN CAB	10	
BASIC HIGH BACK AIR SUSPENSION DRIVER SEAT WITH 1 CHAMBER AIR LUMBAR, INTEGRATED CUSHION EXTENSION AND REAR CUSHION TILT		
BASIC HIGH BACK NON SUSPENSION PASSENGER SEAT		
DUAL DRIVER SEAT ARMRESTS, NO PASSENGER SEAT ARMRESTS	4	

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Description	Weight Front	Weight Rear
BLACK MORDURA CLOTH DRIVER SEAT COVER		
BLACK MORDURA CLOTH PASSENGER SEAT COVER		
3 POINT DRIVER AND PASSENGER SEAT BELT RETRACTORS		
ADJUSTABLE TILT AND TELESOPING STEERING COLUMN		
2-SPOKE 20 INCH (500MM) BLACK STEERING WHEEL		
DRIVER AND PASSENGER INTERIOR SUN VISORS		
<b>Instruments &amp; Controls</b>		
NON-ADJUSTABLE SUSPENDED PEDALS		
STAR GAUGES WITH BLACK BEZELS		
BLACK DRIVER INSTRUMENT PANEL		
BLACK CENTER INSTRUMENT PANEL		
LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM		
2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES		
INTAKE MOUNTED AIR RESTRICTION INDICATOR WITH GRADUATIONS		
97 DB BACKUP ALARM		3
CRUISE CONTROL SWITCHES IN THE CENTER PANEL		
KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY		
WARNING LAMP/LIGHT BAR DISPLAY, NON-DATA LINKED		
HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH		
2 INCH ELECTRIC FUEL GAUGE		
FUEL FILTER RESTRICTION INDICATOR		
EMISSIONS LIMITED IDLE ADJUST		
DUAL REAR AXLE TEMPERATURE GAUGES WITH SENSOR SHIELD		
ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE		
2 INCH TRANSMISSION OIL TEMPERATURE GAUGE		
ELECTRIC ENGINE OIL PRESSURE GAUGE		



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Description	Weight Front	Weight Rear
AM/FM/WB WORLD TUNER RADIO WITH AUXILIARY INPUT, J1939	10	
ROOF/OVERHEAD CONSOLE MOUNTED RADIO		
(4) RADIO SPEAKERS IN CAB		
POWER AND GROUND STUDS ON TOP OF DASH		
TOP OF DASH MOUNT CB RADIO PROVISION WITH PLATE AND STRAPS	2	
MULTI-BAND AM/FM/WB/CB DUAL MIRROR MOUNTED ANTENNA SYSTEM	4	
ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITH ODOMETER		
STANDARD VEHICLE SPEED SENSOR		
ELECTRONIC 3000 RPM TACHOMETER WITH HOUR METER		
VT-HU CONNECTIVITY PLATFORM HARDWARE		
2 YEARS DETROIT CONNECT BASE PACKAGE (VIRTUAL TECHNICIAN, DETROIT CONNECT PORTAL ACCESS) FOR VT-HU CONNECTIVITY PLATFORM		
IGNITION SWITCH CONTROLLED ENGINE STOP		
BW TRACTOR PROTECTION VALVE		
TRAILER HAND CONTROL BRAKE VALVE		
2 INCH VOLTMETER		
SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY		
CAB/TRAILER MARKER LIGHT SWITCH WITH SEPARATE HEADLIGHT SWITCH		
TWO VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR		
SELF CANCELING TURN SIGNAL SWITCH WITH INTEGRAL HEADLAMP DIMMER WITH BRAKE OVERRIDE		
PACIFIC INSIGHT ELECTRONIC FLASHER		

#### Design

PAINT: ONE SOLID COLOR

#### Color

CAB COLOR A: L5495EB ULTRA RED PEARL  
METALLIC ELITE BC  
CAB INTERIOR PAINTED SAME AS CAB COLOR  
BLACK, HIGH SOLIDS POLYURETHANE CHASSIS  
PAINT  
SUNVISOR PAINTED SAME AS CAB COLOR A

#### Certification / Compliance

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Description	Weight Front	Weight Rear
U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS		

#### Sales Programs

NO SALES PROGRAMS HAVE BEEN SELECTED

### TOTAL VEHICLE SUMMARY

#### Weight Summary

	Weight Front	Weight Rear	Total Weight
Factory Weight <sup>+</sup>	9146 lbs	7720 lbs	16866 lbs
Dealer Installed Options	0 lbs	0 lbs	0 lbs
Total Weight <sup>+</sup>	9146 lbs	7720 lbs	16866 lbs

#### Dealer Installed Options

	Weight Front	Weight Rear
HOOK UP BELLY DUMP TRAILER	0	0
Total Dealer Installed Options	0 lbs	0 lbs

(+) Weights shown are estimates only.

If weight is critical, contact Customer Application Engineering.

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## Q U O T A T I O N

### 4700 SET-FORWARD FRONT AXLE CHASSIS

SET FORWARD AXLE - TRACTOR	12,000# DUAL TAPERLEAF FRONT SUSPENSION
DETROIT DD13 12.8L 470 HP @ 1625 RPM, 1900 GOV RPM, 1650 LB/FT @ 975 RPM	110 INCH BBC STEEL CONVENTIONAL CAB
ALLISON 4500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION	4900MM (193 INCH) WHEELBASE
RT-40-160 40,000# R-SERIES TANDEM REAR AXLE	JOST JSK37 SERIES 24.0 INCH AIR SLIDE NO-TILT FIFTH WHEEL - 2 INCH SLIDE INCREMENTS
AIRLINER 40,000# EXTRA DUTY REAR SUSPENSION	11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8MM/0.344X10.94 INCH) 120KSI
DETROIT DA-F-12.0-3 12,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE	1600MM (63 INCH) REAR FRAME OVERHANG

		PER UNIT	TOTAL
VEHICLE PRICE	TOTAL # OF UNITS (2)	\$ 110,685	\$ 221,370
EXTENDED WARRANTY		\$ 0	\$ 0
DEALER INSTALLED OPTIONS		\$ 1,000	\$ 2,000
CUSTOMER PRICE BEFORE TAX		\$ 111,685	\$ 223,370

### TAXES AND FEES

TAXES AND FEES	\$ 0	\$ 0
OTHER CHARGES	\$ 0	\$ 0

### TRADE-IN

TRADE-IN ALLOWANCE	\$ (0)	\$ (0)
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BALANCE DUE	(LOCAL CURRENCY)	\$ 111,685	\$ 223,370
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### COMMENTS:

Projected delivery on \_\_\_ / \_\_\_ / \_\_\_ provided the order is received before \_\_\_ / \_\_\_ / \_\_\_.

### APPROVAL:

Please indicate your acceptance of this quotation by signing below:

Customer: X \_\_\_\_\_ Date: \_\_\_ / \_\_\_ / \_\_\_.

**Daimler Truck Financial**

Financing that works for you.

See your local dealer for a competitive quote from Daimler Truck Financial, or contact us at [Information@dtffoffers.com](mailto:Information@dtffoffers.com).

Daimler Truck Financial offers a variety of finance, lease and insurance solutions to fit your business needs. For more information about our products and services, visit our website at [www.daimler-truckfinancial.com](http://www.daimler-truckfinancial.com).





Western Star (WST)



## Western Star Vocational (Orders placed on or after 3/08/13)

Vocational Coverage is available for vehicles in these vocations:		Any
Category Determinants		
Road Surface — most severe in-transit between sites	Up to 30% off-highway rough, maintained concrete/asphalt; maintained gravel/crushed rock; maintained dirt or soft soil (Class C or D roads) <sup>1</sup>	
GCW	140,000 lb/63 505 kg or less Doubles on NY turnpikes are rated 143,000 lb Doubles on FL turnpikes are rated 147,000 lb	
Axles and Their Manufacturer's GVW Rating		
2-axle unit	48,000 lb/21 772 kg or less	
3-axle unit	68,000 lb/30 844 kg or less	
4-axle unit	88,000 lb/39 916 kg or less	
5-axles or more	98,000 lb/44 452 kg or less	

<sup>1</sup>Class C roads have a natural surface and may be either constructed or established over time by repeated passage of vehicles. The natural surface may be dirt, sand, or rock. A minimal amount of maintenance, if any at all, is limited primarily to spot surface grading to allow vehicle passage within the original road corridor. Class D roads are primitive roads that were not constructed but have been established over time by the passage of motor vehicles. These roads receive no maintenance or grading.

<b>Coverage<sup>2</sup></b>		
<b>Description</b>	<b>Time<sup>3</sup></b>	<b>Distance<sup>3</sup></b>
Basic Vehicle	1 Year	Unlimited
Battery	1 Year	100,000 mi/161 000 km
Brightwork	6 Months	Unlimited
Cab Corrosion/Perforation	5 Years	Unlimited
Cab Structure	5 Years	Unlimited
Corrosion	6 Months	Unlimited
Crossmembers	5 Years	Unlimited
Diesel Emission 2010 <sup>4</sup>	5 years	100,000 mi/161 000 km
Frame Rails	5 Years	Unlimited
GHG14 <sup>5</sup> (Medium Heavy Duty to Heavy Heavy Duty Trucks)	5 Years	100,000 mi/161 000 km
GHG14 <sup>5</sup> (Medium Heavy Duty to Heavy Heavy Duty Tractors)	5 Years	100,000 mi/161 000 km
GHG14 <sup>5</sup> Tire	2 Years	24,000 mi/38 400 km
Paint	1 Year	100,000 mi/161 000 km
Paint, Chassis	6 Months	Unlimited
Towing/Roadside Assistance <sup>6</sup>	1 Year	Unlimited
Front Axle <sup>7</sup>	2 Years	100,000 mi/161 000 km

**Warranty Statement & Warranty Coverage Descriptions follow on page three of this document.**

The information provided in this document is for general information only and is not offered as customer's warranty.

This coverage may be superseded without notification.

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Effective: 8/14/2014

Rear Axle	2 Years	100,000 mi/161 000 km
Transfer Case	2 Years	100,000 mi/161 000 km
Transmission	2 Years	100,000 mi/161 000 km
Detroit Front Axle <sup>7,8</sup> (File Direct)	3 Years	300,000 mi/483 000 km
Detroit Rear Axle <sup>8</sup> (File Direct)	3 Years	300,000 mi/483 000 km
Detroit DT-12 Transmission <sup>9</sup> (File Direct)	5 Years	750,000 mi/1 200 000 km

<sup>2</sup>Coverage may vary; check vehicle's actual warranty coverage online via OWL's *Coverage Info/Check Coverage* screen.

<sup>3</sup>Time or distance, whichever comes first

<sup>4</sup>Applies to vehicles equipped with EPA 2010 compliant diesel engines.

<sup>5</sup>Applies to models 2013 and later domiciled in the United States, check actual warranty online via OWL's *Coverage Info/Check Coverage* screen for coverage listed as "GHG14...".

<sup>6</sup>Up to a maximum of \$550 per occurrence.

<sup>7</sup>Front Axle coverage is also applicable to gliders.

<sup>8</sup>Heavy Duty – General Service: Warranty coverage is determined by Gross Combination Weight Rating, road surface, and vocation. Please see [www.ddcsn.com](http://www.ddcsn.com) for specific coverage details.

<sup>9</sup>Detroit Transmission: Warranty coverage is determined by Gross Combination Weight Rating, road surface, and vocation. Please see [www.ddcsn.com](http://www.ddcsn.com) for specific coverage details.

**Warranty Statement & Warranty Coverage Descriptions follow on page three of this document.**

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Effective: 8/14/2014



**DETROIT**  
EXTENDED SERVICE COVERAGE

# POWERTRAIN SERVICE COVERAGE FOR VOCATIONAL TRUCKS



**VOCATIONAL**

When you run Detroit engines and axles, you know durability comes standard. All of our engines and components come with a comprehensive standard warranty coverage package featuring expedited parts and service for critical downtime situations. Even better, our fast, hassle-free process will get you running and back to work in no time. And if you'd like even greater coverage, see our extended warranty options below.

## ENGINE

Engine: 2 years / Unlimited miles  
Includes parts and labor

Injectors: 2 years / 200,000 miles  
Includes parts and labor

Major components: 5 years / 500,000 miles

No charge on parts

Pays 100% of service outlet's normal charge

## FRONT AXLES

3 years / 300,000 miles  
2 years / Unlimited miles for M2  
Severe Duty models

100% warranty coverage of all knuckle  
parts, including the kingpin

Covers I-beam, steering knuckles, spindles,  
kingpins, kingpin bearings and steering arms

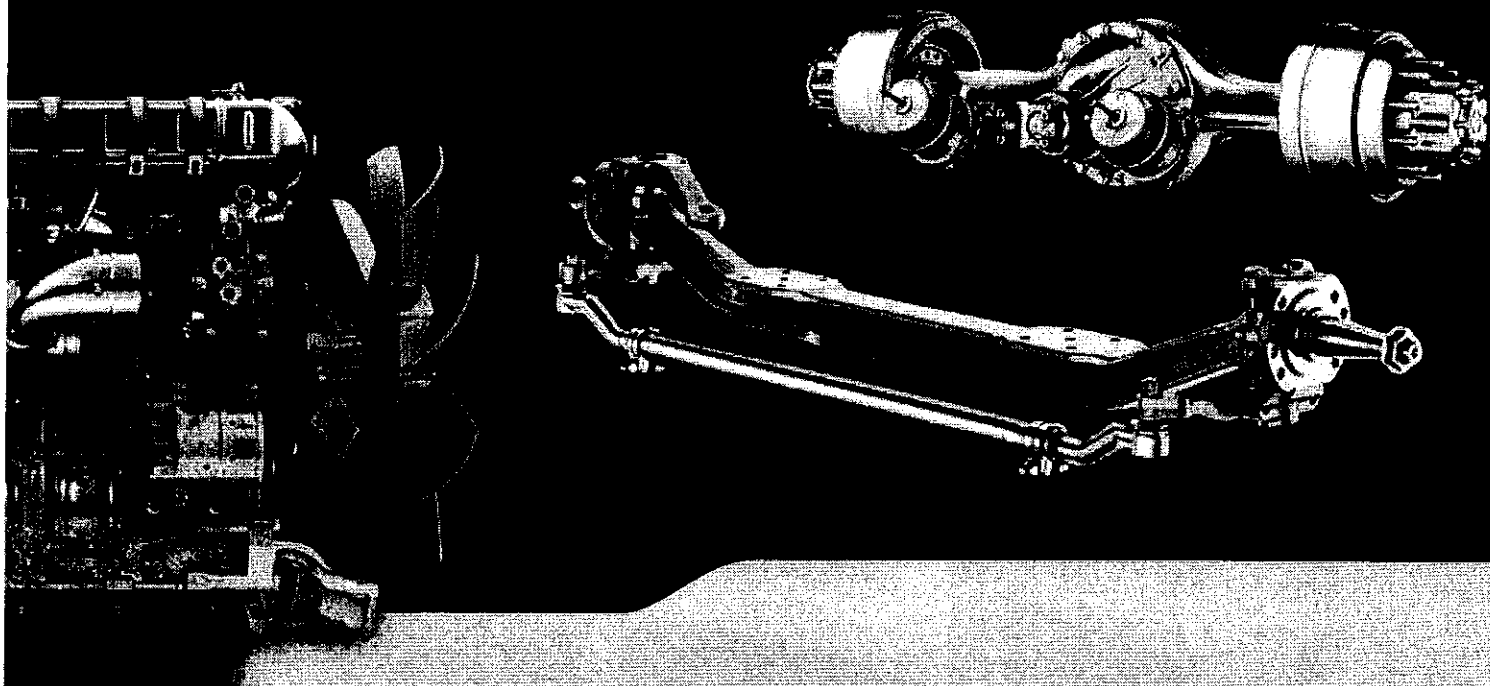
Covers progressive damage

## REAR AXLES

3 years / 300,000 miles  
2 years / Unlimited miles for M2  
Severe Duty models

Covers axle housing, carrier assembly, inter-axle  
differential, axle shafts, gaskets and seals

With an Extended Service Coverage package, Detroit has your back for a very long time. Nearly every component on your DD13, DD15 TC or DD16 engine is covered by one of our comprehensive packages listed on the following page. Plus, your truck will be serviced by factory-trained technicians using Detroit Genuine Parts, so you know you'll always be getting the best. That's just how we do things around here.





**DETROIT**  
EXTENDED SERVICE COVERAGE

# EXTENDED SERVICE COVERAGE

Choose the warranty package, along with the right mix of year and mileage coverage, to fit your business and budget.

## EW1

Air Inlet Manifold	Cylinder Head Gasket	Integrated Engine Brake	Thermostat Housing & Gasket
Air Intake Throttle Valve	Cylinder Liner	Low Pressure Fuel Pump	Turbo Compound Device & Coupling
Alternator Bracket**	EGR System	Main Bearing Bolts	Turbocharger Outlet Elbow
Belt Tensioner	Engine-Mounted Sensors	Main Bearings	Valves (exhaust, intake)
Camshaft Assembly (including seals)	Exhaust Manifold & Bellows	MCM/CPC	Valve Springs, Guides, Inserts
Cold Pipe Assembly	Fan Support Assembly	Oil Cooler, Housing & Gaskets	Vibration Damper
Connecting Rod, Bearings & Bolts	Flywheel, Housing & Gasket	Oil Pan & Seals	Water Pump (excludes water pump seal)
Cooler Inlet Pipe	Fuel Filter Housing	Oil Press REG & Relief Valves	
Crankcase Breather Oil Separator	Gear Case	Oil Pump	
Crankshaft Thrust Washer	Gear Train	Pistons (rings, pins, retainers)	
Cylinder Block	Gear Train/Timing Case Gasket	Rocker Arm Assembly	
Cylinder Head Assembly	High Pressure Fuel System & Lines	Rocker Cover & Seals	

## EW2

EVERYTHING IN EW1, PLUS:

Air Compressor**	Turbocharger
Fuel Injectors	Water Pump Seal

## EW3

EVERYTHING IN EW2, PLUS:

Electrical Harness & Connectors	Aftertreatment Temperature Sensors	Hydrocarbon Fuel Line
Seals - Front & Rear Crankshaft	Aftertreatment Control Module	Hydrocarbon Injection Valve
Aftertreatment Nox Sensors	DEF Pump/Metering Unit/	Hydrocarbon Metering Unit
Aftertreatment Pressure Sensors	Injection Unit	

## EW4

EVERYTHING IN EW3, PLUS:

Aftertreatment System Mounting	Diesel Particulate Filter & Housing
Brackets & Clamps	SCR Catalyst & Housing
Diesel Oxidation Catalyst & Housing	

**5 YEARS  
OR 200K MILES**

**7 YEARS  
OR 250K MILES**

\* If supplied by DDC  
\*\* Air Compressor for GHG14 covered under EW2 package, EPA 10 covered under EW3 package

Have a second owner prospect? Don't worry! Give them added value with the fully transferable extended service coverage.

Roll the cost of the extended service coverage package directly into the monthly payments for your truck. For just a few extra dollars a day, you get long-term peace of mind the moment you hit the road.



**IMMEDIATE DELIVERY - WHITE (1 WEEK)**  
**30 DAYS ULTRA RED PEARL METALLIC**  
**TO PAINT TRUCK ADD \$4,800.00**

**CRAIGHEAD COUNTY**  
**INVITATION TO BID-Not an Order**  
 Craighead County Judge's Office  
 511 Union St.; Suite 119  
 Jonesboro, Arkansas 72401

PURCHASING OFFICE

BID NO. 2018-36

DATE: December 21, 2018

Sealed bids, subject to the conditions on the reverse hereof, and as may be attached hereto, will be received at this office until 2:00 PM January 10, 2019, local time and then publicly opened, for furnishing the supplies, materials, and/or services as described below.

Bids will be opened January 10, 2019,  
2:00 P.M. Local time

F.O.B. Jonesboro, Arkansas

BY: Al Haines

Maximum Delivery or completion time after issuance of Purchase

PURCHASING DIRECTOR

Order or work ordered by County 120 days.

Item #	DESCRIPTION	QUANT	UNIT	UNIT PRICE	AMOUNT
1	Furnish two (2) each Tractor Trucks with Automatic transmissions, fifth wheel, and all hydraulics and electrical components necessary for belly dump trailers to function. (EG dump, brakes, lighting, other required safety items) to Craighead County Road Department, 2800 Moore Road, Jonesboro, AR. 72401 according to attached specifications. Trucks are to be made ready for belly dump trailer operations. Bidders are encouraged to review belly dump trailers located at Craighead County Road Shop, 2800 Moore Rd, Jonesboro, AR 72401.	2		<u>110,853</u>	<u>221,706</u>
2	This bid package contains 5 pages. All 5 pages must be returned to complete bid.				
3	Bid must be signed by authorized company representative.				
4	Bidder should:				
	A. Clearly define and list warranty information on each item in years.				
	B. Include all labor, delivery charges, training, programming, and any other charges FOB Jonesboro, Arkansas 72401, in bid price.				
	C. Include product literature and specifications with bid.				
	D. All relevant information will be considered when determining best bid for Craighead County.				
	E. Specify cash discounts, if available.				
	F. Note bid number on outside of bid envelope.				
	G. Specify approximate ship time in days, if awarded bid.				
	F. List make, model, and manufacturer of equipment being offered.				
	G. Quote same or equal equipment in all aspects.				
	H. Specify nearest service and parts supply location to Jonesboro, AR.				
5	Does bidder meet all tractor truck specifications? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> <u>EXCEEDS</u>				
	If no, clearly list and define differences on a separate sheet. <input checked="" type="checkbox"/>				
6	Attached equipment list with names and part numbers is for reference.				
7	Bidder should put total bid price on this sheet. Total bid price is \$ <u>221,706</u>				

(1 WEEK)  
WESTERN STAR 4700  
5700 DAVIDSON RD MEMPHIS 38118

**EXECUTION OF BID**

Date 1/7/2019

We, the undersigned, have read all the requirements set forth in this bid proposal including specifications, instructions, conditions, and pertinent information regarding the articles being bid on, and we agree to furnish articles at the prices stated.

Arkansas Use Tax Register No. 127448-18-001

Bidder CARLOS TRUCK RENTERS Address 5700 DAVIDSON RD MEMPHIS, TN 38118  
 (Person Authorized to Sign Bids) Title Pat McElroy Sales Representative

UNSIGNED BIDS WILL BE REJECTED

BIDS ARE SUBJECT TO REJECTION UNLESS SUBMITTED ON THIS FORM

NOTICE TO BIDDERS, SEE REVERSE SIDE OR ATTACHMENTS FOR INSTRUCTIONS AND CONDITIONS.

**CRAIGHEAD COUNTY  
JONESBORO, ARKANSAS  
CONDITIONS OF BIDDING**

**Compliance with the following conditions is necessary for consideration of this bid.**

- 1 **Signature**-This bid must be signed with the firm name and by an authorized officer, employee or agent.
- 2 **Sales Tax**-Is not to be shown in the bid price, but is to be added by the vendor to the invoice billing to the County.  
The County is exempt from Arkansas State Sales Tax on road equipment and vehicles. Contractors are to include all costs into the bid price, including applicable taxes.
- 3 **Freight and other delivery charges**-to destination at designated County facility in the County must be included in bid.  
Charges may not be added after the bid is opened.
- 4 **Discounts**-Show rate, total amount, and latest day any discounts will be allowed after receipt of article and invoice, otherwise County will deduct allowed discount when payment is made.
- 5 **Firm Price**-All prices quoted will remain firm for at least 30 days from date of bid, unless otherwise specified by the County or bidder
- 6 **Tax Exempt**-Craighead County is exempt from State sales tax on self propelled equipment and motor vehicles.  
Example: Motor graders, excavators, dozers, dump trucks, pickup trucks, etc.
- 7 **Identical Bids**-In the event of two or more identical low bids, the contract may be awarded arbitrarily or for any reason to any of such bidders, or split in any proportion between the said two or more bidders at discretion of the County.
- 8 **Clean up**-Complete cleanup and proper disposal of any and all job related items is considered to be a part of any contract let by Craighead County.
- 9 **Ambiguity in bid**-Any ambiguity in any bid as the result of omission, error, lack of clarity or non-compliance specifications, instructions, and all conditions of bidding shall be construed in the light most favorable to the County
- 10 **Construction**  
A. When requested, the Contractor is to supply the County with evidence of having and maintaining proper and specifically Workman's Compensation Insurance in accordance with the laws of the State of Arkansas, Public Liability, and Property Damage. All premiums and cost shall be paid by Contractor. In no way will the County be responsible in case of accident.  
B. A Performance Bond equaling the total amount of any bid exceeding \$20,000 must be provided for erection of any public building, public structure, or public improvement(Pursuant to Arkansas Code 18-44-503.)
- 11 The County reserves the right to reject any and all bids, accept in whole or in part, to waive informalities in bids received, to accept bids on materials or equipment with variations from specifications in those cases where efficiency of operation will not be impaired, and unless otherwise specified by bidder, to accept any item in the bid. If unit prices and extensions thereof do not coincide, the County may accept the bid for the lesser amount whether reflected by extension or by the correct multiple of the unit price.

**INSTRUCTIONS TO BIDDERS**

(Please read carefully)

- 1 Submit bid on bid form attached or reverse side of this sheet.
- 2 Address all bids to: Purchasing Director, Craighead County Judge's Office, 511 Union St., Suite 119, Jonesboro, Arkansas 72401 and make certain to indicate identifying bid number on the outside of bid envelope.
- 3 DO NOT Include Federal Excise Tax in bid. County will furnish exemption certificate.
- 4 State Manufacturer, Brand Name, Model, etc. for each item bid on.
- 5 Samples of items, when required must be furnished free, and, if not called for within 30 days from date of bid opening, will be disposed of by the County
- 6 Bids received after stated time will not be considered.
- 7 Be sure and read all conditions and verify amounts before submitting bids. No changes or additions will be allowed after submission.
- 8 Guarantees and warranties should be attached as a part of the bid, as they may be a consideration in awarding contract.
- 9 Delivery or contract completion time is to be shown, as this date may, where time is of the essence, determine the contract award.
- 10 Additional information may be obtained from the Purchasing Department.

**THE COUNTY RESERVES THE RIGHT TO ACCEPT PART OR ALL OF ANY SPECIFIC BID OR BIDS  
AND TO ACCEPT BID WITH OR WITHOUT TRADE-IN, AND REJECT ANY AND ALL BIDS.**



# IMMEDIATE DELIVERY

<u>General</u>			
A	Tractor Trucks (automatic transmissions) shall be the latest year model in current production with proven performance by manufacturer and shall meet all federal emissions and all other EPA regulations. (Specify year model)		
D	Note: Part of specifications may be Freightliner specific. Please bid equal equipment.		
<u>VEHICLE SPECIFICATIONS</u>		Meet Specifications	
Vehicle Configuration		Yes	No
1	114SD CONVENTIONAL CHASSIS	✓	4700 CONVENTIONAL CHASSIS
2	SPECIFY MODEL YEAR 2020 (Or latest model in current production)	✓	
3	SET FORWARD AXLE - TRUCK	✓	
4	LH PRIMARY STEERING LOCATION	✓	
5	WHEEL BASE 193"	✓	210" WHEELBASE
6	FREIGHTLINER LEVEL II WARRANTY	✓	
7	EXPECTED FRONT AXLE(S) LOAD : 12,000.0 lbs.	✓	EXCEED 13,300
8	EXPECTED REAR DRIVE AXLE(S) LOAD : 40,000.0 lbs.	✓	EXCEED 44,000
9	EXPECTED GROSS VEHICLE WEIGHT CAPACITY 52,000 lbs	✓	EXCEED 57,300
10	EXPECTED GROSS COMBINATION WEIGHT 80,000lbs	✓	
11	DD13 12.8L 470 HP @ 1625 RPM, 1900 GOV RPM, 1650 LB/FT @ 975 RPM	✓	
12	2010 EPA/CARB FINAL EMISSION CERTIFICATION 2016 ON BOARD DIAGNOSTICS	✓	
13	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE	✓	
14	(3) DTNA GUNINE WITH 3875 CCA		✓ 2190 CCA
15	POSITIVE AND NEGATIVE POSTS FOR JUMPSTART MOUNTED NEAR/ON BATTERY TRAY/BOX		
16	ZF-SACHS 15-1/2 INCH TWIN XTEND ULTRA SOFT DAMPER CERAMIC CLUTCH	✓	CAN'T GET WITH AUTOMATIC
17	TORQUE LIMITING CLUTCH BRAKE	✓	CAN'T GET WITH AUTOMATIC
18	ZERK FITTING WITH EXTENSION HOSE AT CLUTCH RELEASE BEARING	✓	CAN'T GET WITH AUTOMATIC
19	BW MODEL BA-921 19.0 CFM SINGLE CYLINDER AIR COMPRESSOR WITH SAFETY VALVE	✓	
20	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM	✓	
21	JACOBS COMPRESSION BRAKE	✓	
22	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH LH B-PILLAR MOUNTED VERTICAL TAILPIPE	✓	
23	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH	✓	
24	BRIGHT UPPER STACK(S)	✓	
25	13 GALLON DIESEL EXHAUST FLUID TANK	✓	
26	BORG WARNER (KYSOR) REAR AIR ON/OFF ENGINE FAN CLUTCH	✓	
27	DDC SUPPLIED ENGINE MOUNTED FUEL FILTER/FUEL WATER SEPARATOR WITH WATER-IN-	✓	
28	PHILLIPS TEMRO 1500 WATT/115 VOLT BLOCK HEATER	✓	
29	1500 SQUARE INCH ALUMINUM RADIATOR	✓	
30	DELCO 12V 39MT+ HD/OCP STARTER WITH THERMAL PROTECTION AND INTEGRATED MAGNETIC SWITCH	✓	
31	ALLISON AUTOMATIC 4500 RDS TRANSMISSION WITH PTO PROVISIONS	✓	✓ EATON FULLER ULTRA SHIFT
32	MFS-18-133A 12,000# FL1 SINGLE FRONT AXLE	✓	EXCEED 13,300
33	MERITOR 16.5X6 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES	✓	
34	MERITOR AUTOMATIC FRONT SLACK ADJUSTERS	✓	
35	TRW THP-60 POWER STEERING WITH RCH45 AUXILIARY GEAR	✓	
36	ROADRANGER SYNTHETIC FE 75W-90 FRONT AXLE LUBE	✓	



37	12,000# TAPERLEAF FRONT SUSPENSION	✓	Exceed 13,700
38	FRONT SHOCK ABSORBERS	✓	
39	RT-46-160 40,000# EXTRA OUTER REAR SUSPENSION	✓	Exceed 44,000
40	3.91 REAR AXLE RATIO	✓	3.55 RATIO
41	MXL 176N MERITOR EXTENDED LUBE MAIN DRIVELINE WITH FULL ROUND YOKES	✓	
42	MXL 17N MERITOR EXTENDED LUBE INTERAXLE DRIVELINE WITH FULL ROUND YOKES	✓	
43	DRIVER CONTROLLED TRACTION DIFFERENTIAL - BOTH TANDEM REAR AXLES	✓	
44	(1) INTERAXLE LOCK VALVE, (1) DRIVER CONTROLLED DIFFERENTIAL LOCK FORWARD-REAR AND REAR-REAR AXLE VALVE	✓	
46	MERITOR 16.5X8.62 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES	✓	
47	BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE AXLE(S)	✓	
48	AIRLINER 40,000# EXTRA DUTY REAR SUSPENSION	✓	Exceeds 46,000 Air Ride
49	FORE/AFT AND TRANSVERSE CONTROL RODS	✓	
50	WABCO 6S/6M ABS WITH TRACTION CONTROL WITH ATC OFF-ROAD SWITCH	✓	
51	PRIMARY CONNECTOR/RECEPTACLE WIRED FOR SEPARATE STOP/TURN, CENTER PIN	✓	
52	SAE J560 7-WAY PRIMARY TRAILER CABLE RECEPTACLE MOUNTED END OF FRAME	✓	
53	4900MM (193 INCH) WHEELBASE	✓	210"
54	11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8MM/0.344X10.94 INCH) 120KSI	✓	
	16.5 INCH CHROME STEEL STRAIGHT BUMPER	✓	16" CHROME STEEL
62	100 GALLON/378 LITER ALUMINUM FUEL TANK - LH	✓	40/60
63	MICHELIN XDS2 11R22.5 16 PLY ALUMINUM WHEELS	✓	CONTINENTAL
64	114 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB	✓	110" BBC - STEEL Exceed
65	AIR CAB MOUNTS	✓	
66	NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE	✓	
67	CHROMED HOOD MOUNTED AIR INTAKE GRILLE	✓	
68	DUAL 26 INCH RECTANGULAR POLISHED ALUMINUM AIR HORNS ROOF MOUNTED	✓	
69	DUAL HORN SHIELDS	✓	
70	HALOGEN COMPOSITE HEADLAMPS WITH BRIGHT BEZELS	✓	
71	DUAL WEST COAST BRIGHT FINISH HEATED MIRRORS WITH LH AND RH REMOTE	✓	MEKNA A220 HEATED LH RH REMOTE
72	DOOR MOUNTED MIRRORS	✓	CAB MOUNTED MIRRORS
73	LH AND RH 8" BRIGHT FINISH CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS	✓	
74	TINTED DOOR GLASS LH AND RH WITH TINTED OPERATING WING WINDOWS	✓	No wing windows
75	RH AND LH ELECTRIC POWERED WINDOWS	✓	
76	INTERIOR CONVENIENCE PACKAGE WITH CB PROVISION	✓	
77	2-1/2 LB. FIRE EXTINGUISHER	✓	
78	HEATER, DEFROSTER AND AIR CONDITIONER	✓	
79	CAB INSULATION	✓	
80	SOLID-STATE CIRCUIT PROTECTION AND FUSES	✓	
81	LH AND RH ELECTRIC DOOR LOCKS	✓	
82	(1) 12 VOLT POWER SUPPLY IN DASH	✓	
83	TRIANGULAR REFLECTORS WITHOUT FLARES	✓	
84	BOSTROM TALLADEGA 910 HIGH BACK AIR SUSPENSION DRIVER SEAT WITH AIR LUMBAR	✓	
85	HIGH BACK NON SUSPENSION PASSENGER SEAT	✓	Buttery Box Passenger Seat
86	LH AND RH INTEGRAL DOOR PANEL ARMRESTS	✓	
87	CLOTH DRIVER SEAT COVER	✓	
88	CLOTH PASSENGER SEAT COVER	✓	
89	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN	✓	



90	97 DB BACKUP ALARM	✓							
91	ELECTRONIC CRUISE CONTROL WITH SWITCHES ON AUXILIARY GAUGE PANEL (B DASH PANEL)	✓							
92	ODOMETER/TRIP/HOUR/DIAGNOSTIC/VOLTAGE DISPLAY: 1X7 CHARACTER, 26 WARNING LAMPS, DATA LINKED, ICU3	✓							
93	DIAGNOSTIC INTERFACE CONNECTOR, 9 PIN, SAE J1939, LOCATED BELOW DASH	✓							
94	2 INCH ELECTRIC FUEL GAUGE	✓							
95	FUEL FILTER RESTRICTION INDICATOR	✓							
96	DUAL REAR AXLE TEMPERATURE GAUGES FOR TANDEM AXLES	✓							
97	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE	✓							
98	ENGINE OIL TEMPERATURE GAUGE	✓							
99	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE	✓							
100	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY	✓							
101	ELECTRIC ENGINE OIL PRESSURE GAUGE	✓							
102	AM/FM/WB RADIO WITH FRONT AUXILIARY INPUT	✓							
103	DASH MOUNTED RADIO	✓							
104	ELECTRONIC 3000 RPM TACHOMETER	✓							
105	TRAILER HAND CONTROL BRAKE VALVE	✓							
106	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE	✓							
107	PAINT: ONE SOLID COLOR	}	WHITE						
108	CAB COLOR (EQUAL TO L5495EB ULTRA RED PEARL METALLIC ELITE BC)								
109	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT								
Unit cost proposal									
Bidder shall list the purchase price per unit here and on top sheet. \$									

AM FM CD WB STEREO  
HEAD MOUNTED



## S P E C I F I C A T I O N   P R O P O S A L

Data Code	Description	Weight Front	Weight Rear
<b>Price Level</b>			
PRL-18T	WESTERN STAR 4700 PRL-18T (EFF:04/14/18)		
<b>Data Version</b>			
DRL-033	SPECPRO21 DATA RELEASE VER 033		
<b>Vehicle Configuration</b>			
001-450	4700 SET-FORWARD FRONT AXLE CHASSIS	9,100	6,720
004-219	2019 MODEL YEAR SPECIFIED		
002-001	SET FORWARD AXLE - TRACTOR	40	
003-001	LH PRIMARY STEERING LOCATION		
<b>General Service</b>			
AA1-001	TRACTOR/TRAILER CONFIGURATION		
AA6-001	DOMICILED, USA 50 STATES (INCLUDING CALIFORNIA AND CARB OPT-IN STATES)		
A85-002	PICKUP AND DELIVERY/SHORT HAUL SERVICE		
A84-1GF	GENERAL FREIGHT BUSINESS SEGMENT		
AA4-003	DRY BULK COMMODITY		
AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS		
AB1-008	MAXIMUM 8% EXPECTED GRADE		
AB5-001	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE		
995-1A5	WESTERN STAR VOCATIONAL WARRANTY		
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 13200.0 lbs		
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 40000.0 lbs		
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 53200.0 lbs		
A70-99D	EXPECTED GROSS COMBINATION WEIGHT : 80000.0 lbs		
<b>Tractor Service</b>			
N	AA2-015	FRAMELESS TYPE END DUMP TRAILER	

Data Code	Description	Weight Front	Weight Rear
AH6-001	SINGLE (1) TRAILER		
<b>Engine</b>			
101-2YB	DETROIT DD13 12.8L 470 HP @ 1625 RPM, 1900 GOV RPM, 1650 LB/FT @ 975 RPM		
<b>Electronic Parameters</b>			
79A-070	70 MPH ROAD SPEED LIMIT		
79B-006	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT, WITH AUTO RESUME AFTER SHIFT		
79C-002	3 MPH MAX INCENTIVE AT 7.0 TARGET MPG WITH 2 MPH/MPG FACTOR		
79D-002	1650 RPM/18 MPH LIMIT FOR LOW GEARS, 1650 RPM/44 MPH LIMIT FOR MIDDLE GEARS, 1650 RPM/45 MPH LIMIT FOR HIGH GEARS		
79G-010	20 MINUTES IDLE SHUTDOWN WITH CLUTCH AND SERVICE BRAKE OVERRIDE		
79K-010	PTO MODE ENGINE RPM LIMIT - 1300 RPM		
79M-002	PTO MODE BRAKE OVERRIDE - SERVICE BRAKE APPLIED OR PARK BRAKE NOT APPLIED		
79P-005	PTO RPM WITH CRUISE SET SWITCH - 1000 RPM		
79Q-011	PTO RPM WITH CRUISE RESUME SWITCH - 1300 RPM		
79S-001	PTO MODE CANCEL VEHICLE SPEED - 5 MPH		
79T-004	PTO MODE RPM INCREMENT - 100 RPM		
79U-009	PTO GOVERNOR RAMP RATE - 400 RPM PER SECOND		
79V-001	FUEL DOSING OF AFTERTREATMENT ENABLED IN PTO MODE-CLEANS HYDROCARBONS AT HIGH TEMPERATURES ONLY		
79W-001	ONE REMOTE PTO SPEED		
N 79X-001	PTO SPEED 1 SETTING - 700 RPM		
80D-001	SOFT CRUISE CONTROL ENABLED		
80E-001	ENGINE FAN ENABLED WITH RETARDER		
N 80G-001	PTO MINIMUM RPM - 600		
80L-003	ENABLE DPF REGEN ZONE 1 WITH AUTO ENGINE RPM ELEVATE FOR EXTENDED IDLE		
<b>Engine Equipment</b>			
99C-017	2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/FINAL GHG17 CONFIGURATION		
99D-011	2008 CARB EMISSION CERTIFICATION - CLEAN IDLE (INCLUDES 6X4 INCH LABEL ON LOWER FORWARD CORNER OF DRIVER DOOR)		



Data Code	Description	Weight Front	Weight Rear
13E-001	STANDARD OIL PAN		
105-001	ENGINE MOUNTED OIL CHECK AND FILL		
133-004	ONE PIECE VALVE COVER		
014-1B5	SIDE OF HOOD AIR INTAKE WITH DONALDSON HIGH CAPACITY AIR CLEANER WITH SAFETY ELEMENT, FIREWALL MOUNTED		
124-1D7	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE		
292-216	(3) DTNA GENUINE, AGM STARTING AND CYCLING, MIN 2190CCA, 570RC, THREADED STUD BATTERIES		
290-1AC	PASSENGER SEAT BATTERY BOX VENTED TO OUTSIDE OF CAB		
282-013	BATTERY BOX MOUNTED UNDER PASSENGER SEAT		
291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN		
289-006	PLASTIC BATTERY BOX COVER		
295-029	POSITIVE AND NEGATIVE POSTS FOR JUMPSTART LOCATED ON FRAME NEXT TO STARTER	2	
180-1AK	EATON FULLER ECA CLUTCH	25	
181-002	ZERK FITTING WITH EXTENSION HOSE AT CLUTCH RELEASE BEARING		
182-011	ELECTRONIC CLUTCH CONTROL		
107-044	BW MODEL BA-921 19.0 CFM SINGLE CYLINDER AIR COMPRESSOR WITH SAFETY VALVE		
131-013	AIR COMPRESSOR DISCHARGE LINE		
152-041	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM		
128-002	JACOBS COMPRESSION BRAKE		
016-1C2	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE		
28F-002	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH		
239-038	11 FOOT 06 INCH (138 INCH+0/-5.9 INCH) EXHAUST SYSTEM HEIGHT		
233-017	STANDARD CURVE BRIGHT UPPER STACK(S)		
237-1CR	RH CURVED VERTICAL TAILPIPE B-PILLAR MOUNTED ROUTED FROM STEP		
23U-002	13 GALLON DIESEL EXHAUST FLUID TANK	35	10

Data Code	Description	Weight Front	Weight Rear
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL		
23Y-001	STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING		
23Z-001	POLISHED ALUMINUM DIESEL EXHAUST FLUID TANK COVER	20	10
43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION		
242-001	STAINLESS STEEL AFTERTREATMENT DEVICE/MUFFLER/TAIPIPE SHIELD		
273-036	BORG WARNER (KYSOR) REAR AIR ON/OFF ENGINE FAN CLUTCH		
276-001	AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED		
110-068	DDC SUPPLIED ENGINE MOUNTED FUEL FILTER/FUEL WATER SEPARATOR WITH WATER-IN-FUEL INDICATOR		
118-001	FULL FLOW OIL FILTER		
266-057	1500 SQUARE INCH ALUMINUM RADIATOR		
267-006	MOUNTING FOR FIREWALL MOUNTED SURGE TANK		
103-039	ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT		
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT		
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES		
270-023	HDEP FIXED RATIO COOLANT PUMP AND RADIATOR DRAIN VALVE		
168-002	LOWER RADIATOR GUARD		
138-005	PHILLIPS-TEMRO 1500 WATT/115 VOLT BLOCK HEATER		
166-005	PHILLIPS-TEMRO 300 WATT/115 VOLT OIL PREHEATER		
140-022	CHROME ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR		
134-001	ALUMINUM FLYWHEEL HOUSING		
155-075	MITSUBISHI 12V MOD 3.175-DP60 STARTER WITH INTEGRATED MAGNETIC SWITCH		

#### Transmission

342-1PA	EATON FULLER FO-16E313A-MHP ULTRASHIFT PLUS TRANSMISSION	160	70
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#### Transmission Equipment

34C-001	ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR FIREWALL MOUNTED		
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Data Code	Description	Weight Front	Weight Rear
347-002	ALUMINUM CLUTCH HOUSING	-50	
362-1T6	CUSTOMER INSTALLED CHELSEA 489 SERIES PTO		
363-003	PTO MOUNTING, BOTTOM OF MAIN TRANSMISSION		
341-017	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION FILL AND DRAIN, AXLE(S) FILL AND DRAIN		
345-003	PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED		
370-015	WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK		
35T-003	SYNTHETIC TRANSMISSION LUBE		

#### Front Axle and Equipment

400-1A7	DETROIT DA-F-13.3-3 13,300# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE	-190	
402-049	MERITOR 16.5X5 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES	-10	
403-043	2011/2013-FMVSS 121 RSD FRONT BRAKE LINING		
419-023	CONMET CAST IRON FRONT BRAKE DRUMS		
409-006	FRONT OIL SEALS		
408-001	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL		
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES		
405-003	HALDEX AUTOMATIC FRONT SLACK ADJUSTERS		
406-001	STANDARD KING PIN BUSHINGS		
536-050	TRW THP-60 POWER STEERING	-40	
539-003	POWER STEERING PUMP		
534-015	2 QUART SEE THROUGH POWER STEERING RESERVOIR		
40T-003	SYNTHETIC 50W FRONT AXLE LUBE		

#### Front Suspension

620-1D8	13,300# TAPERLEAF FRONT SUSPENSION	-200	
619-005	MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION		
410-001	FRONT SHOCK ABSORBERS		

#### Rear Axle and Equipment

420-1GT	DETROIT DA-RT-44.0-4 HT 44,000# R-SERIES TANDEM REAR AXLE		60
* 421-355	3.55 REAR AXLE RATIO		

Data Code	Description	Weight Front	Weight Rear
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING		
386-075	MXL 18T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES	40	40
388-073	MXL 17T MERITOR EXTENDED LUBE INTERAXLE DRIVELINE WITH HALF ROUND YOKES		
878-019	(1) INTERAXLE LOCK VALVE FOR TANDEM OR TRIDEM DRIVE AXLES		
87A-005	INDICATOR LIGHT FOR EACH INTERAXLE LOCKOUT SWITCH		
423-019	MERITOR 16.5X8.62 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES		
433-043	2011/2013-FMVSS 121 RSD REAR BRAKE LININGS		
434-005	BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE AXLE(S) WITH AUXILIARY SUPPORT BRACKETS		
451-023	CONMET CAST IRON REAR BRAKE DRUMS		
440-006	REAR OIL SEALS		
426-1B3	BENDIX EVERSURE LONGSTROKE 2-DRIVE AXLES SPRING PARKING CHAMBERS		
428-003	HALDEX AUTOMATIC REAR SLACK ADJUSTERS		
41T-002	SYNTHETIC 75W-90 REAR AXLE LUBE		

#### Rear Suspension

622-199	AIRLINER 46,000# REAR SUSPENSION	390
621-007	AIRLINER HIGH POSITION RIDE HEIGHT	
431-005	RESTRAINED AXLE SEATS IN AXLE CLAMP GROUP	
624-016	51 INCH AXLE SPACING	
888-048	MANUAL DUMP VALVE FOR AIR SUSPENSION WITH GAUGE	
87D-006	INDICATOR LIGHT FOR EACH REAR SUSPENSION CONTROL SWITCH	
910-001	SINGLE AIR REAR SUSPENSION LEVELING VALVE	
623-002	TRANSVERSE CONTROL RODS	
439-005	REAR SHOCK ABSORBERS - TWO AXLES (TANDEM) (AIR RIDE SUSPENSION)	

#### Brake System

490-107	WABCO 4S/4M ABS WITH HILL START AID AND TRACTION CONTROL, WITH ATC OFF-ROAD SWITCH
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Data Code	Description	Weight Front	Weight Rear
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES		
904-001	FIBER BRAID PARKING BRAKE HOSE		
412-001	STANDARD BRAKE SYSTEM VALVES		
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE		
480-088	WABCO SYSTEM SAVER HP WITH INTEGRAL AIR GOVERNOR AND HEATER		
479-005	AIR DRYER MOUNTED INBOARD ON RH RAIL		
460-090	STEEL AIR BRAKE RESERVOIRS, NO TRIPLE OR TORPEDO TANKS		
477-008	BW DV-2 AUTO DRAIN VALVE WITH HEATER - WET TANK		

#### Trailer Connections

481-074	15 FOOT COILED TRAILER AIR HOSE WITH 48 INCH TRACTOR, 12 INCH TRAILER LEADS	12	
476-041	50 INCH BRUSHED ALUMINUM FLEXASTICK MOUNTED BETWEEN RAILS ON STRADDLE BRACKET	5	5
484-006	COMBINATION DUMMY GLAD HANDS AND LIGHT PLUG HOLDER		
296-010	PRIMARY CONNECTOR/RECEPTACLE WIRED FOR SEPARATE STOP/TURN, ABS CENTER PIN POWERED THROUGH IGNITION		
297-005	SAE J560 7-WAY PRIMARY TRAILER CABLE RECEPTACLE FRAME MOUNTED AFT CAB		
310-002	12 FOOT DETACHABLE STRAIGHT PRIMARY TRAILER ELECTRICAL CABLE WITH SAE J560 CONNECTOR	10	

#### Wheelbase & Frame

545-532	5325MM (210 INCH) WHEELBASE		
546-101	11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8MM/0.344X10.94 INCH) 120KSI	220	-70
552-030	1600MM (63 INCH) REAR FRAME OVERHANG		
55W-006	FRAME OVERHANG RANGE: 61 INCH TO 70 INCH		
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 128.38 in		
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 126.38 in		
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 289.56		
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 99.04 in		
FSS-0LH	CALCULATED FRAME SPACE LH SIDE : 60.7 in		

Data Code	Description	Weight Front	Weight Rear
FSS-0RH	CALCULATED FRAME SPACE RH SIDE : 20.21 in		
553-002	FLANGED TAPERED END OF FRAME		
559-001	STANDARD WEIGHT ENGINE CROSSMEMBER		
561-001	STANDARD CROSSMEMBER BACK OF TRANSMISSION		
562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)		
572-020	INVERTED U TRACTOR CROSSMEMBER		10
565-002	HEAVY DUTY SUSPENSION CROSSMEMBER		
568-001	STANDARD WEIGHT REAR SUSPENSION CROSSMEMBER		

#### Chassis Equipment

674-019	LH BACK OF CAB ACCESS, GRAB HANDLES WITH SINGLE RUBBER INSERT	5	5
592-054	21 INCH (525MM) DECK PLATE FLUSH MOUNTED BETWEEN RAILS	8	7
556-075	16 INCH CHROMED STEEL BUMPER		
558-033	REMOVABLE FRONT TOW HOOKS STORED ON THE CHASSIS FRAME	25	
574-001	BUMPER MOUNTING FOR SINGLE LICENSE PLATE		
585-043	BETTS B-35 PAINTED MUDFLAP BRACKETS		15
590-032	WESTERN STAR LOGO BLACK MUDFLAPS		15
586-015	FRONT ANTI-SPRAY CAB MOUNTED MUDFLAPS		
551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS		
44Z-002	EXTERIOR HARNESSSES WRAPPED IN ABRASION TAPE		
602-100	27X17X11 INCH PLAIN STEP BOX WITH REMOVABLE COVER FOR CAB ENTRY WITH HIGH GROUND CLEARANCE	50	50
* 61B-001	SINGLE TOOL/STORAGE BOX #1 FRAME MOUNTED LH SIDE UNDER CAB		

#### Fifth Wheel

578-1GJ	JOST JSK37 SERIES 24.0 INCH AIR SLIDE NO- TILT FIFTH WHEEL - 2 INCH SLIDE INCREMENTS	30	540
577-356	FIFTH WHEEL 356MM (14.0 INCHES) AHEAD OF SUSPENSION CENTERLINE		
582-016	222MM (8.75 INCH) FIFTH WHEEL HEIGHT		5
570-001	OUTBOARD ANGLE - FIFTH WHEEL MOUNTING		
890-001	DASH MOUNTED CONTROL VALVE AND PLUMBING FOR FIFTH WHEEL		
579-005	LH FIFTH WHEEL RELEASE		

#### Fuel Tanks

Data Code	Description	Weight Front	Weight Rear
206-044	80 GALLON SPLIT ALUMINUM FUEL/HYDRAULIC TANK RH, 40/40	95	20
204-151	60 GALLON/227 LITER ALUMINUM FUEL TANK - LH		
218-006	25 INCH DIAMETER FUEL TANK(S)		
215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS		
212-014	LH FUEL TANK MOUNTED FORWARD, RH FUEL TANK MOUNTED AFT		
664-001	PLAIN STEP FINISH		
205-001	FUEL TANK CAP(S)		
122-1K4	DAVCO 487 FUEL/WATER SEPARATOR WITH ESOC AND 12 VOLT PREHEATER	15	
216-020	EQUIFLO INBOARD FUEL SYSTEM		
202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE		
221-998	NO FUEL COOLER	-10	
<b>Tires</b>			
093-2DW	CONTINENTAL HSC1 11R24.5 16 PLY RADIAL FRONT TIRES	44	
* 094-2FE	CONTINENTAL HDR2 11R24.5 16 PLY RADIAL REAR TIRES		208
<b>Hubs</b>			
418-060	CONMET PRESET PLUS PREMIUM IRON FRONT HUBS		
450-060	CONMET PRESET PLUS PREMIUM IRON REAR HUBS		
<b>Wheels</b>			
502-1J0	ACCURIDE 41362 ACCU-LITE 24.5X8.25 10-HUB PILOT 10-HAND ALUMINUM DISC FRONT WHEELS	-32	
505-1J1	ACCURIDE 41362 ACCU-LITE ALUMINUM OUTSIDE, ACCURIDE 28827 STEEL INSIDE; 24.5X8.25 10-HUB PILOT DISC REAR WHEELS		
524-002	POLISHED FRONT WHEELS; INSIDE AND OUTSIDE		
525-007	POLISHED REAR WHEELS; BOTH SIDES OF OUTER WHEELS ONLY		
496-011	FRONT WHEEL MOUNTING NUTS		
497-011	REAR WHEEL MOUNTING NUTS		
<b>Cab Exterior</b>			
829-1A8	110 INCH BBC STEEL CONVENTIONAL CAB		

Data Code	Description	Weight Front	Weight Rear
82A-023	WESTERN STAR PAINTED ALUMINUM CAB SKIRT		
650-044	AIR CAB MOUNTS WITH CHECK VALVE		
648-002	NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE		
667-001	FRONT FENDERS		
754-001	2 INCH FENDER EXTENSIONS	5	
678-034	LH AND RH EXTERIOR GRAB HANDLES WITH RUBBER INSERTS AND RH INTERIOR GRAB HANDLE MOUNTED TO A POST		
646-008	STATIONARY BRIGHT FINISH GRILLE		
65X-003	CHROME HOOD MOUNTED AIR INTAKE GRILLE		
640-008	GALVANEALD STEEL SEVERE SERVICE CAB		
644-004	FIBERGLASS HOOD		
727-012	DUAL HADLEY SD-978 26 INCH RECTANGULAR AIR HORNS		
726-001	SINGLE ELECTRIC HORN		
728-002	DUAL HORN SHIELDS		
657-1AG	DOORS AND IGNITION KEYED THE SAME		
312-072	SINGLE RECTANGULAR SEALED BEAM HEADLIGHTS WITH BRIGHT BEZELS		
302-001	(5) AMBER MARKER LIGHTS		
315-014	PERLUX 500SRS RECTANGULAR FOG LIGHTS IN BUMPER WITH AMBER LENS, BLACK HOUSING AND ROCK GUARD	6	
294-1AV	LED STOP/TAIL WITH SEPARATE LED BACKUP LIGHTS MOUNTED ON PAINTED STEEL PLATE END OF FRAME		5
300-015	STANDARD FRONT TURN SIGNAL LAMPS		
744-1DH	DUAL MEKRA AERO BRIGHT FINISH HEATED DUAL AXIS 1-PIECE MOTORIZED MIRRORS WITH LIGHTS, LH AND RH REMOTE AND INTEGRAL CONVEX MIRRORS	20	
797-002	CAB MOUNTED MIRRORS		
796-001	102 INCH EQUIPMENT WIDTH		
743-1AX	DUAL MEKRA BRIGHT FINISH HEATED CONVEX MIRRORS WITH MANUAL ADJUSTMENT AND DUAL AXIS FOR 1-PIECE PRIMARY MIRRORS		
74A-998	NO AUXILIARY MIRROR		
729-001	STANDARD SIDE/REAR REFLECTORS		
73A-002	REAR REFLECTIVE DEVICE		
787-020	ELECTRIC DOOR LOCKS, MECHANICAL KEY TUMBLER		
764-002	STAINLESS STEEL EXTERIOR SUN VISOR	28	



Data Code	Description	Weight Front	Weight Rear
768-046	17.5X35 INCH TINTED REAR WINDOW		
661-006	TINTED DOOR GLASS		
654-011	RH AND LH ELECTRIC POWERED WINDOWS	4	
663-014	2-PIECE TINTED CURVED BONDED WINDSHIELD		
659-025	2 GALLON WINDSHIELD WASHER RESERVOIR WITHOUT FLUID LEVEL INDICATOR, MOUNTED UNDER CAB, WITH REMOTE FILL		
<b>Cab Interior</b>			
707-1D0	GRAY VINYL BASE INTERIOR		
70K-005	BLACK HARD TRIM		
706-049	BASE LEFT HAND DOOR TRIM		
708-049	BASE RIGHT HAND DOOR TRIM		
772-006	BLACK MATS WITH SINGLE INSULATION		
785-007	DASH MOUNTED ASH TRAY AND LIGHTER, DRIVER SIDE		
691-001	FORWARD ROOF MOUNTED CONSOLE		
694-009	PASSENGER SIDE WING DASH MOUNTED GLOVE BOX WITH LOCKING DOOR		
693-025	LH AND RH DOOR MAP POCKETS		
741-015	(2) COAT HOOKS ON BACKWALL OF CAB		
742-026	(1) CUP HOLDER MOUNTED IN BOTTOM CENTER OF DASH		
680-034	TWO-TONE CHARCOAL UPPER/COOL GRAY LOWER SOFT TOUCH WING DASH WITH BLACK DRIVER SIDE COSMETIC UNDER DASH COVER		
720-003	5 LB. FIRE EXTINGUISHER	10	
700-023	HEATER, DEFROSTER AND AIR CONDITIONER WITH CONSTANT TEMPERATURE CONTROL AND COSMETIC COVER		
701-010	HVAC DUCTING WITH FOAM MAIN FRESH AIR FILTER AND OUTSIDE PRE-FILTER		
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH		
170-045	STANDARD HEATER PLUMBING WITH BALL SHUTOFF VALVES AT SUPPLY LINES ONLY		
130-033	DENSO HEAVY DUTY AIR CONDITIONER COMPRESSOR		
698-001	RADIATOR MOUNTED AIR CONDITIONER CONDENSER		
702-002	BINARY CONTROL, R-134A		
739-001	CAB INSULATION		

Data Code	Description	Weight Front	Weight Rear
285-019	AUTOMATIC SELF-RESET CIRCUIT BREAKER IN MAIN DASH POWER DISTRIBUTION BOX AND CIRCUIT BREAKER/FUSE IN AUXILIARY POWER DISTRIBUTION BOXES		
324-075	DOOR ACTIVATED DOME LIGHT, UNDER DASH LIGHT AND LH AND RH DOOR MOUNTED COURTESY LIGHTS		
655-005	LH AND RH ELECTRIC DOOR LOCKS		
722-028	TRIANGULAR REFLECTORS KIT WITHOUT FLARES SHIPPED LOOSE IN CAB	10	
756-1DD	BASIC HIGH BACK AIR SUSPENSION DRIVER SEAT WITH 1 CHAMBER AIR LUMBAR, INTEGRATED CUSHION EXTENSION AND REAR CUSHION TILT		
760-294	BATTERY BOX MID BACK NON SUSPENSION PASSENGER SEAT		
759-007	DUAL DRIVER SEAT ARMRESTS, NO PASSENGER SEAT ARMRESTS	4	
758-022	BLACK MORDURA CLOTH DRIVER SEAT COVER		
761-023	BLACK MORDURA CLOTH PASSENGER SEAT COVER		
763-003	3 POINT DRIVER AND PASSENGER SEAT BELT RETRACTORS		
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN		
540-005	2-SPOKE 20 INCH (500MM) BLACK STEERING WHEEL		
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS		

#### Instruments & Controls

185-002	NON-ADJUSTABLE SUSPENDED PEDALS
870-005	STAR GAUGES WITH BRIGHT BEZELS
732-047	FIGURED CHERRY WOODGRAIN ULTRA GLOSS FINISH DRIVER INSTRUMENT PANEL
734-047	FIGURED CHERRY WOODGRAIN ULTRA GLOSS FINISH CENTER INSTRUMENT PANEL
486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM
840-002	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES
198-002	INTAKE MOUNTED AIR RESTRICTION INDICATOR WITH GRADUATIONS
149-012	CRUISE CONTROL SWITCHES IN THE CENTER PANEL

Data Code	Description	Weight Front	Weight Rear
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY		
811-001	WARNING LAMP/LIGHT BAR DISPLAY, NON- DATA LINKED		
160-038	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH		
844-001	2 INCH ELECTRIC FUEL GAUGE		
845-011	FUEL FILTER RESTRICTION INDICATOR		
148-085	EMISSIONS LIMITED IDLE ADJUST		
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE		
864-001	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE		
372-035	(1) DASH MOUNTED PTO SWITCH WITH INDICATOR LAMP	5	
49B-004	ELECTRONIC STABILITY CONTROL		
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE		
746-1B4	AM/FM/WB WORLD TUNER RADIO WITH CD PLAYER, BLUETOOTH, IPOD INTERFACE, USB AND AUXILIARY INPUTS, J1939	10	
747-002	ROOF/OVERHEAD CONSOLE MOUNTED RADIO		
750-004	(4) RADIO SPEAKERS IN CAB		
753-019	AM/FM ANTENNA MOUNTED ON RH FRONT A- PILLAR	2	
748-002	POWER AND GROUND STUDS ON TOP OF DASH		
749-006	TOP OF DASH MOUNT CB RADIO PROVISION WITH PLATE AND STRAPS	2	
752-018	MULTI-BAND AM/FM/WB/CB DUAL MIRROR MOUNTED ANTENNA SYSTEM	4	
810-042	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITH ODOMETER		
817-001	STANDARD VEHICLE SPEED SENSOR		
812-003	ELECTRONIC 3000 RPM TACHOMETER WITH HOUR METER		
813-1B4	VT-HU CONNECTIVITY PLATFORM HARDWARE		
8D1-002	2 YEARS DETROIT CONNECT BASE PACKAGE (VIRTUAL TECHNICIAN, DETROIT CONNECT PORTAL ACCESS) FOR VT-HU CONNECTIVITY PLATFORM		
162-002	IGNITION SWITCH CONTROLLED ENGINE STOP		
482-001	BW TRACTOR PROTECTION VALVE		
883-001	TRAILER HAND CONTROL BRAKE VALVE		
836-001	2 INCH VOLTMETER		

Data Code	Description	Weight Front	Weight Rear
660-008	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY		
304-015	CAB/TRAILER MARKER LIGHT SWITCH WITH SEPARATE HEADLIGHT SWITCH		
882-021	TWO VALVE PARKING BRAKE SYSTEM WITH DASH VALVE CONTROL AUTONEUTRAL AND WARNING INDICATOR		
299-037	SELF CANCELING TURN SIGNAL SWITCH WITH INTEGRAL HEADLAMP DIMMER WITH BRAKE OVERRIDE		
298-036	PACIFIC INSIGHT ELECTRONIC FLASHER		

#### Design

065-000	PAINT: ONE SOLID COLOR
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#### Color

980-5F6	CAB COLOR A: L0006EB WHITE ELITE BC
96J-001	CAB INTERIOR PAINTED SAME AS CAB COLOR
986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT
966-972	POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)

#### Certification / Compliance

996-001	U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS
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#### Sales Programs

NO SALES PROGRAMS HAVE BEEN SELECTED

### TOTAL VEHICLE SUMMARY

#### Weight Summary

	Weight Front	Weight Rear	Total Weight
Factory Weight <sup>+</sup>	9519 lbs	8115 lbs	17634 lbs
Dealer Installed Options	0 lbs	0 lbs	0 lbs
Total Weight <sup>+</sup>	9519 lbs	8115 lbs	17634 lbs

#### Extended Warranty



Western Star (WST)



## Western Star Vocational (Orders placed on or after 3/08/13)

Vocational Coverage is available for vehicles in these vocations:		Any
<b>Category Determinants</b>		
Road Surface — most severe in-transit between sites		Up to 30% off-highway rough, maintained concrete/asphalt; maintained gravel/crushed rock; maintained dirt or soft soil (Class C or D roads) <sup>1</sup>
GCW		140,000 lb/63 505 kg or less Doubles on NY turnpikes are rated 143,000 lb Doubles on FL turnpikes are rated 147,000 lb
<b>Axles and Their Manufacturer's GVW Rating</b>		
2-axle unit		48,000 lb/21 772 kg or less
3-axle unit		68,000 lb/30 844 kg or less
4-axle unit		88,000 lb/39 916 kg or less
5-axes or more		98,000 lb/44 452 kg or less

<sup>1</sup>Class C roads have a natural surface and may be either constructed or established over time by repeated passage of vehicles. The natural surface may be dirt, sand, or rock. A minimal amount of maintenance, if any at all, is limited primarily to spot surface grading to allow vehicle passage within the original road corridor. Class D roads are primitive roads that were not constructed but have been established over time by the passage of motor vehicles. These roads receive no maintenance or grading.

<b>Coverage<sup>2</sup></b>		
Description	Time <sup>3</sup>	Distance <sup>3</sup>
Basic Vehicle	1 Year	Unlimited
Battery	1 Year	100,000 mi/161 000 km
Brightwork	6 Months	Unlimited
Cab Corrosion/Perforation	5 Years	Unlimited
Cab Structure	5 Years	Unlimited
Corrosion	6 Months	Unlimited
Crossmembers	5 Years	Unlimited
Diesel Emission 2010 <sup>4</sup>	5 years	100,000 mi/161 000 km
Frame Rails	5 Years	Unlimited
GHG14 <sup>5</sup> (Medium Heavy Duty to Heavy Heavy Duty Trucks)	5 Years	100,000 mi/161 000 km
GHG14 <sup>5</sup> (Medium Heavy Duty to Heavy Heavy Duty Tractors)	5 Years	100,000 mi/161 000 km
GHG14 <sup>5</sup> Tire	2 Years	24,000 mi/38 400 km
Paint	1 Year	100,000 mi/161 000 km
Paint, Chassis	6 Months	Unlimited
Towing/Roadside Assistance <sup>6</sup>	1 Year	Unlimited
Front Axle <sup>7</sup>	2 Years	100,000 mi/161 000 km

**Warranty Statement & Warranty Coverage Descriptions follow on page three of this document.**

*The information provided in this document is for general information only and is not offered as customer's warranty.*

*This coverage may be superseded without notification.*

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Effective: 8/14/2014

## New Vehicle Warranty Coverage

Daimler Trucks North America LLC

<b>Rear Axle</b>	<b>2 Years</b>	<b>100,000 mi/161 000 km</b>
<b>Transfer Case</b>	<b>2 Years</b>	<b>100,000 mi/161 000 km</b>
<b>Transmission</b>	<b>2 Years</b>	<b>100,000 mi/161 000 km</b>
<b>Detroit Front Axle<sup>7,8</sup> (File Direct)</b>	<b>3 Years</b>	<b>300,000 mi/483 000 km</b>
<b>Detroit Rear Axle<sup>8</sup> (File Direct)</b>	<b>3 Years</b>	<b>300,000 mi/483 000 km</b>
<b>Detroit DT-12 Transmission<sup>9</sup> (File Direct)</b>	<b>5 Years</b>	<b>750,000 mi/1 200 000 km</b>

<sup>2</sup>Coverage may vary; check vehicle's actual warranty coverage online via OWL's *Coverage Info/Check Coverage* screen.

<sup>3</sup>Time or distance, whichever comes first

<sup>4</sup>Applies to vehicles equipped with EPA 2010 compliant diesel engines.

<sup>5</sup>Applies to models 2013 and later domiciled in the United States, check actual warranty online via OWL's *Coverage Info/Check Coverage* screen for coverage listed as "GHG14...".

<sup>6</sup>Up to a maximum of \$550 per occurrence.

<sup>7</sup>Front Axle coverage is also applicable to gliders.

<sup>8</sup>Heavy Duty – General Service: Warranty coverage is determined by Gross Combination Weight Rating, road surface, and vocation. Please see [www.ddcsn.com](http://www.ddcsn.com) for specific coverage details.

<sup>9</sup>Detroit Transmission: Warranty coverage is determined by Gross Combination Weight Rating, road surface, and vocation. Please see [www.ddcsn.com](http://www.ddcsn.com) for specific coverage details.

## Warranty Statement & Warranty Coverage Descriptions follow on page three of this document.

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**DETROIT**  
EXTENDED SERVICE COVERAGE

# POWERTRAIN SERVICE COVERAGE FOR VOCATIONAL TRUCKS



**VOCATIONAL**

When you run Detroit engines and axles, you know durability comes standard. All of our engines and components come with a comprehensive standard warranty coverage package featuring expedited parts and service for critical downtime situations. Even better, our fast, hassle-free process will get you running and back to work in no time. And if you'd like even greater coverage, see our extended warranty options below.

## ENGINE

Engine: 2 years / Unlimited miles  
Includes parts and labor

Injectors: 2 years / 200,000 miles  
Includes parts and labor

Major components: 5 years / 500,000 miles

No charge on parts

Pays 100% of service outlet's normal charge

## FRONT AXLES

3 years / 300,000 miles  
2 years / Unlimited miles for M2  
Severe Duty models

100% warranty coverage of all knuckle  
parts, including the kingpin

Covers I-beam, steering knuckles, spindles,  
kingpins, kingpin bearings and steering arms

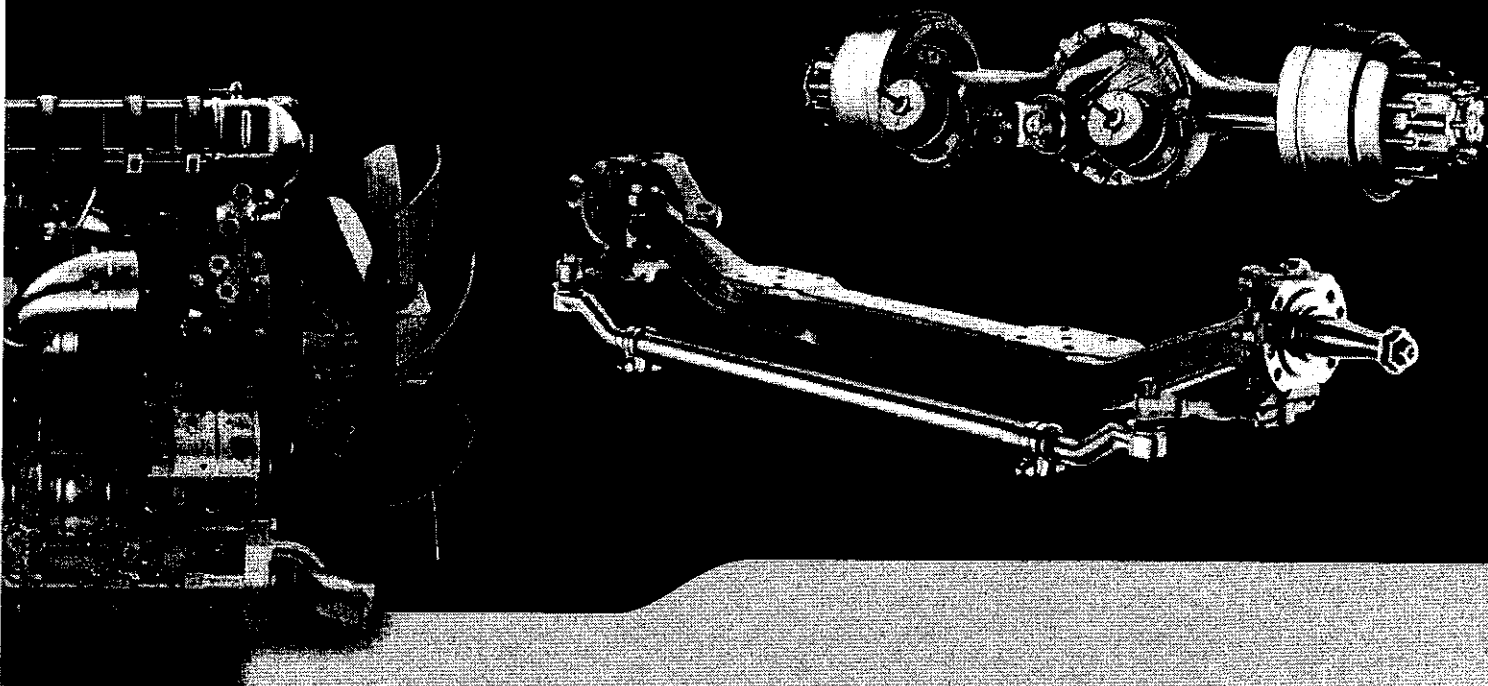
Covers progressive damage

## REAR AXLES

3 years / 300,000 miles  
2 years / Unlimited miles for M2  
Severe Duty models

Covers axle housing, carrier assembly, inter-axle  
differential, axle shafts, gaskets and seals

With an Extended Service Coverage package, Detroit has your back for a very long time. Nearly every component on your DD13, DD15 TC or DD16 engine is covered by one of our comprehensive packages listed on the following page. Plus, your truck will be serviced by factory-trained technicians using Detroit Genuine Parts, so you know you'll always be getting the best. That's just how we do things around here.



Jonesboro Sun  
518 Carson  
Jonesboro AR 72401

1-00000008

ADVERTISING INVOICE / STATEMENT 1/1

BILLING DATE	TERMS OF PAYMENT
12/30/2018	Upon Receipt



\*\*\*\*\*AUTO\*\*5-DIGIT 72401  
CRAIGHEAD COUNTY JUDGES OFFICE BILLING  
Dept  
511 Union St Ste 119  
Jonesboro AR 72401-2863

BILLED ACCOUNT NO.	AGENCY/CLIENT
90035632	90035632
NAME OF AGENCY/CLIENT	
CRAIGHEAD COUNTY JUDGES OFFICE BILLING	

DATE	AD #	TRANS #	DESCRIPTION	INS	UNITS	AMOUNT	TOTAL
12/17/2018		400680034	Balance Forward			78.65	78.65
12/21/2018	90769792	302296158	Payment Check 072479 Lockbox Import			-78.65	0.00
12/30/2018	90769792	302299530	NOTICE TO BIDDERS Craighead Co - 20JN Jonesboro Sun - NOTICE TO	1	4.88 in	81.25	81.25
			NOTICE TO BIDDERS Craighead Co - 20JN Jonesboro Sun - NOTICE TO	1	4.88 in	81.25	162.50

PERIOD 12 2018	AGING			
	Period 11 2018	Period 10 2018	Period 9 2018	Period 8 2018
\$ 162.50	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00

TOTAL NET AMOUNT DUE
\$ 162.50

PLEASE RETURN THIS PORTION  
WITH YOUR REMITTANCE

If you desire to charge this amount to your credit card, please complete the following information  
and return to the address below: ☐ Visa ☐ Mastercard ☐ Discover ☐ American Express  
Acct# \_\_\_\_\_ Exp Date: \_\_\_\_\_  
Signature \_\_\_\_\_

BILLED ACCOUNT NO.	BILLED ACCOUNT NAME	AMOUNT DUE
124 90035632	CRAIGHEAD COUNTY JUDGES OFFICE	\$ 162.50

REMIT TO
Jonesboro Sun c/o Paxton Media Group PO Box 1200 Paducah KY 42002  Phone: 270-575-8731 Fax: 270-575-8726

Payment in full is due upon receipt of the statement. A service charge on all balances over 30 days will be computed by a 'Period's Rate' of 1-1/2% per month, which is an ANNUAL PERCENTAGE RATE OF 18%, this applies to the previous balance after deducting current payments and credits appearing on your statement. Refunds less than \$10.00 will be refunded electronically, donated to NIE, or collected in cash at the newspaper.

Remittance Advice

9003563200000000000016250

Billing Date  
12/31/2018

BM  
EOC  
BOC  
SAF





# The Jonesboro Sun

DAILY AND SUNDAY

## Proof of Publication

STATE OF ARKANSAS  
COUNTY OF CRAIGHEAD

I, Lisa A. Lynn \_\_\_\_\_ solemnly swear that I  
am classified director of the JONESBORO SUN daily newspaper of general  
circulation printed in the Western District of Craighead County and I was such classified  
advertising manager at the date of publication hereinafter stated, and that said newspaper had  
a bonafide circulation in such county at said dates, and had been regularly published in said county  
for the period of one month next before the date of the first publication of the advertisement hereto  
affixed, and that said advertisement was published in said

newspaper 1 \_\_\_\_\_ times once a week for 2 \_\_\_\_\_

weeks consecutively, the first insertion therein having been made on the

21 \_\_\_\_\_ day of December, 2018 \_\_\_\_\_

2nd insertion 30 \_\_\_\_\_ day of December, 2018 \_\_\_\_\_

3rd insertion \_\_\_\_\_ day of \_\_\_\_\_

4th insertion \_\_\_\_\_ day of \_\_\_\_\_

5th insertion \_\_\_\_\_ day of \_\_\_\_\_

6th insertion \_\_\_\_\_ day of \_\_\_\_\_

7th insertion \_\_\_\_\_ day of \_\_\_\_\_

Lisa A. Lynn \_\_\_\_\_

Sworn to and subscribed before me this 30 day of December, 2018 \_\_\_\_\_

My commission expires 9-6-22 \_\_\_\_\_

Fee for print, \$ \_\_\_\_\_

Cost of Proof \$ 162.50 \_\_\_\_\_

Rec'd Payment \$ \_\_\_\_\_

Total - - - \$ 162.50 \_\_\_\_\_



CRAIGHEAD COUNTY JUDGES OFFICE  
BILLING DEPT  
511 UNION STE 119  
JONESBORO, AR 72401  
(870)933-4500

***Class Liner Ad #90769792 Summary:***

Description: NOTICE TO BIDDERS Craighead Co  
Size: 1.00 x 4.88

Net Cost           \$162.50  
Prepaid Amount    \$0.00  
Amount Due        \$162.50

**If paid by credit card, your statement will show the charge as "Newspaper Services - Paxton Media"**

***Order Detail:***

Publication	Start	Stop	Insertions
20JN Jonesboro Sun	12/21/18	12/30/18	2