

BID SUBMITTAL FORM
Alabama County Joint Bidding Program
BID ITEM – HEAVY DUTY DUMP CHASSIS OPTION C

Company Name: KENWORTH OF BIRMINGHAM (TRUCKWORX)

Address: 2220 FINLEY BLVD BIRMINGHAM, AL 35234

Bid Submitted by: JAY CALLAWAY
(Name of company representative)

Title: VP OF GOVERNMENT AFFAIRS E-mail address: JONATHANC@TRUCKWORX

Phone: 601.702.1923 Fax: 205.909.4173

By submitting this bid, we agree:

Initials

That the equipment model number identified below meets the bid specs for this bid item JC

That the bid price will be honored for all counties for the period from Jan. 1, 2021 to Dec. 31, 2021; however, the deadline to submit orders for 2022 build will be March 7, 2022 JC

That the equipment will be delivered at the bid price to all counties participating in the joint bid program JC

SEE ATTACHED ADDENDUM A; AT THE BOTTOM OF PAGE 1.
That the company representative listed above will be the contact person for purchasing this bid item under the joint bid program JC

That the bid is accompanied by a current catalog or model specification document for the model number identified below JC

That the bid is accompanied by a copy of the manufacturer's standard warranty as required in the bid specifications JC

That the bid includes the e-verify documentation required by Alabama law JC

That, if awarded the bid, a performance bond will be provided upon request JC

That an option sheet with individual pricing is attached JC

Total Bid Price including options: \$ 171,990.00

Equipment Model #: T880, or T880S

Description: HEAVY-DUTY DUMP CHASSIS

Signature of company representative submitting bid: [Signature]

Title: VP OF GOVERNMENT AFFAIRS

ADDENDUM A:

1
Due to OEM production constraints ACCA members will be limited to 51 build slots on this year's contract. Order(s) will be received on a first come, first serve basis until all production slots are fulfilled.

OPTION COST SHEET FOR HEAVY DUTY DUMP TRUCK CHASSIS

OPTION C

<u>Options</u>	<u>Option Price</u>
Allison World 4500-RDS-6 six speed Automatic Transmission w/ 4.56 Rear Axle Ratio in place of 10 speed manual w/ 4.10 Rear Axle Ratio	\$ 10,892.00__
Eaton Fuller Ultrashift Plus 8LL transmission. Requires 1650 torque engine and optimized Rear axle ratio (4.10 or 4.30 depending on engine selection) (results in price reduction)	\$7,688.00__
Dual Exhaust in place of standard single exhaust	\$ 367.00__
Outside Aluminum wheels (6) on lift axle and rear axles in place of steel wheels	\$ 591.00
Extended cab in place of Standard cab (applies to 1.9m only) Will not be available in 2022	\$ N/A__
2.1m wide cab in place of 1.9m wide cab (results in price reduction)	\$ N/A__
1.9m (W900L) model production will not be available due to OEM constraints. 425/65R22.5 Front Tires in place of 385/65R22.5 radials Bridgestone, Goodyear, or Yokohama	\$ _291.00__
Factory installed 23k lb. capacity non-steerable lift axle with Bendix LQ-5 Valve and dash mounted controls (flip valve, pressure regulator, & air pressure gauge) and (4) 295/75R22.5 virgin rubber 14 ply highway tread radial tires by Bridgestone, Goodyear, or Yokohama with (4) 22.5 x 8.25 steel disc wheels. 1yr/100k mile Factory warranty included.	\$ 5,109.00__
Full truck kit/pintle hook prep package: includes tractor protection valve and gladhands ran To end of frame for safe trailer operation	\$425.00__
MX 13 L engine with set forward axle, 4.78 rear axle ratio, & straight bright finish bumper in place of X15 15L engine (results in price reduction)	\$ _10,308.00__
7" Wide polished stainless steel tank straps with polished aluminum fuel tank	\$ 270.00__

NOTE: Award will be made on the basis of the total cost of the truck with all options included. However, a county may, at its discretion, deduct one or more of the above-referenced options from the truck, and in such event, the cost of the option as stated on the bid shall be deducted from the total cost of the truck. There shall be no other deductions and no additions made to the truck by the purchasing county or by the vendor.

Equipment Model #: T880, or T880S _____

Description: HEAVY-DUTY DUMP CHASSIS _____

Signature of company representative submitting bid: _____

Title: VP OF GOVERNMENT AFFAIRS

BID SPECIFICATIONS FOR HEAVY DUTY DUMP TRUCK CHASSIS - OPTION C

GENERAL

These specifications shall be construed as the minimum acceptable standards for a heavy duty dump truck chassis. Should the manufacturer's current published data or specifications exceed these standards, the manufacturer's standards shall be considered minimum and shall be furnished. All integral parts not specifically mentioned in the scope of these specifications that are necessary to provide a complete working unit shall be furnished. Additionally, the machine offered for bid shall include all standard manufacturers' equipment.

The use of specific names or numbers in the specifications is not intended to restrict the bidder or any seller or manufacturer, but is intended solely for the purpose of indicating the type, size, and quality of equipment considered best adapted to the uses of counties participating in this joint bid.

Note all units offered for bid must be of manufacturer's current production model and must be fully compliant with EPA standard US10 without the use of EPA engine credits. Chassis should be equipped with the appropriate diesel particulate filter and SCR after treatment system.

BID SUBMITTAL FORM

Each bidder must submit his or her bid on the Bid Submittal Form included in the invitation to bid package. All written warranties to be submitted shall be attached to the Bid Submittal Form.

BID PRICE

The price bid shall include all destination charges, delivery charges, title fees, rebates and all other applicable costs and refunds.

REPLACEMENT PARTS AVAILABILITY

Parts must be available for 5 years or 500,000 miles of use for the piece of equipment bid.

WARRANTY

Bidders shall submit a copy of the manufacturer's standard warranty along with a complete explanation of the warranty with their bid. Warranty must be transferable. Warranty must include the following minimum coverage:

Basic Vehicle: 1 Year or 100,000 miles

Diesel Engine: 2 year or 250,000 miles. However, counties will have the option to purchase additional coverage (an extended warranty) if negotiated between the purchasing county and successful bidder within the first 9 months of truck purchase.

Transmission: 3 Year or 300,000 miles

Yes ☒ No ☐

Rear Carriers: 3 Year or 300,000 miles

Page# 12 /Attachment

ASSEMBLY AND DELIVERY

The truck chassis will be purchased for use with a 16' dump body and optional body equipment that is to be bid separate and apart from the truck chassis. The dump body company will be responsible for assembly and installation of the dump body and related optional equipment, including the cost of the same. The selling truck chassis dealer will be responsible for delivery of the chassis to the dump Body Company for installation and for delivery of the complete dump truck unit to the county following installation and assembly of the dump body and related options onto the truck chassis. Freight to and from the Dump Body Company will be included in the truck bidder's proposal. Dump body installation and assembly costs will be included in the dump body bidder's proposal.

DOT INSPECTION AND SAFETY EQUIPMENT

Prior to delivery each unit shall be DOT inspected and include the appropriate documentation and decal. In addition each unit shall be equipped with the required fire extinguisher and reflective triangle kit.

ENGINE AND RELATED COMPONENTS

Shall be an in line 6 design 13 liter minimum, turbo charged diesel engine capable of developing 500HP minimum with a maximum governed RPM of 1800 or more and a minimum peak torque rating of 1,850FT Lbs.

Yes X No

Page # 2

Engine shall have full wet replaceable cylinder liners. Fuel injection system to be equipped with a unit pump or unit injector style without CARB idle reduction.

Yes X No

Page # 2

Air intake system shall have a single dry element with a restriction indicator.

Yes X No

Page # 3

Engine cooling system to have a minimum 1,330 square inches of frontal area, aluminum core radiator with silicone hoses throughout and coolant protection to -34 degrees F.

Yes X No

Page # 4

Fan drive to be Horton two speed type

Yes X No

Page # 4

Single vertical Exhaust. Cab Mounted for clear back of cab with stainless steel heat shield, steel elbow and chromed turn out stack.

Yes X No

Page # 4

Diesel Particulate Filter and SCR catalyst to be mounted under passenger door.

Yes X No

Page # 4

Factory installed integral Engine Brake.

Yes X No

Page # 2

Engine electronics to include shutdown capabilities for critical engine functions:

Yes X No

Page # 4

STARTING AND ELECTRICAL SYSTEM

12-Volt system fuse/circuit breaker protected

Yes X No

Page # 4

12V gear reduction starter, 12V 160 amp alternator

Yes X No

Page # 4

(3) 12V maintenance free group 31 batteries with 700 cold cranking amps each. Batteries to be mounted in a single metal box with fiberglass cover RH side behind cab.

Yes X No

Page # 4

TRANSMISSION AND DRIVELINE

A manual ten (10) speed overdrive design, with a minimum first gear reduction of 14.56 to 1.

Yes X No

Page # 5

Transmission should have oil cooler with dash mounted temperature gauge, left and right-side PTO access gears with appropriate clearance.

Yes X No

Page # 5

Eaton Advantage easy pedal manually adjusting 15.5" two plate ceramic clutch 7 springs, 6 paddle design with AIR assist feature and remote lube fittings for clutch release bearing and both crosses mounted on LH frame rail under hood.

Yes X No

Page # 5

Main drivelines Spicer 1810HD with coated splines/ inter axle 1810 with coated splines or Equivalent.

Yes X No

Page # 5

CAB EXTERIOR

Cab to be Class 8 design for construction and vocational applications. **Aluminum** and composite construction for corrosion resistance. Huck bolted or Henrob fastened construction. Minimum width 1.9 meters. Minimum bumper to back of cab = 122.5".

Yes X No

Page # 9

Drop style side windows for improved driver's downward visibility.

Yes X No

Page # 11

Rear of engine may not extend into cab. No doghouse in firewall is allowed.

Yes X No

Page # 11

Cab mounting should be air suspended at rear on dual at least 1 air bags.

Yes X No

Page # 11

Cab should feature:

Dual air horns in addition to the standard electric signal horn

Yes X No

Page # 11

LED marker lights

Yes ☒ No ☐
Page # 11

Cab mounted heated mirrors with convex mirrors mounted directly below heated mirrors.

Yes ☒ No ☐
Page # 11

Stainless steel exterior sun visor

Yes ☒ No ☐
Page # 11

Hood is to be a full tilting composite design to include woven aluminum mesh grill

Yes ☒ No ☐
Page # 11

Rubber fender extensions for wider base front tires.

Yes ☒ No ☐
Page # 11

Cab and hood paint color to be selected from manufacturer's standard non-metallic paint chart

Yes ☒ No ☐
Page # 12

CAB INTERIOR

Cab interior to include the following:

Storage tray on back wall of cab and in overhead console

Yes ☒ No ☐
Page # 9

Cab interior is to be mid-grade level fully groomed with headliner, back wall and windshield pillar post and door panels covered

Yes ☒ No ☐
Page # 9

Cab should have interior sun visors on both sides of cab.

Yes ☒ No ☐
Page # 9

Dash features to include:

Black appearance with chrome gauge surrounds

Yes ☒ No ☐
Page # 10

Center mount console with cup holders

Yes ☒ No ☐
Page # 10

Full adjusting tilt and telescopic steering column

Yes ☒ No ☐
Page # 9

Multifunction Driver Display to include the following:

Average and real time fuel economy

RPM display

Ignition timer

Trip information

Truck information

Onboard diagnostics

~~Gear display~~

~~Alarm clock~~

~~Automated pre-trip light inspection~~

Air Filter Restriction gauge, Engine oil temperature gauge,
dual rear axle temperature gauges (2), Fuel filter restriction gauge,
and Manifold pressure gauge. ~~and Ammeter~~

Gauges to be individual replaceable gauges (no automotive type clusters)

Yes X No

Page # 9

Cab seats should be: Driver High Back air ride design with dual arm rests

Yes X No

Page # 9

Passenger seat to be fixed design with dual arm rests storage area
underneath seat with lid.

Yes X No

Page # 10

Both seats to have fabric covering with required lap and shoulder belts.

Yes X No

Page # 10

Factory installed integral heater/air conditioning (HVAC) with R134A refrigerant
and rotary type air conditioner compressor. HVAC unit to be firewall mounted
to allow for easier access to components.

Yes X No

Page # 9

AM/FM/GD and Bluetooth radio with clock, USB port, and weather band, two-way radio
Power leads with mounting plate installed in overhead console with dual mirror mounted
antennas.

Yes X No

Page # 10

One additional dash mounted power outlet to be furnished.

Yes X No

Page # 10

Windshield wipers to be two (2) speed electric with washer and intermittent
feature. Wiper motor and linkage to be mounted external of the cab on firewall
for easier access.

Yes X No

Page # 10

AIR BRAKES

Brake system to be full dual antilock air design with heated extended purge air dryer.

Yes X No ____
Page # 4

Naturally aspirated air compressor should have 18.7 CFM capacity and increased air reservoir capacity for the local installation of a pusher style third axle.

Yes X No ____
Page # 4

System to include either a steering column or dash mounted valve for rear service brakes. Yes X No ____
Page # 9

FRAME/BUMPER/FUEL TANKS

Steel 120,000 PSI steel frame rails 10.75" x 3.50" x 0.375" with a section modulus of 27.33 and a RBM per rail of 3,280,000 including full steel insert.

Yes X No ____
Page # 7

Minimum 209" wheelbase with a 135" cab to axle and a 195" load platform.

Yes X No ____
Page # 1

Front bumper Bright Finish steel swept back channel design with center mount cast tow pin.

Yes X No ____
Page # 7

Fuel tank(s) to be aluminum with a minimum of 110-gallon capacity.

Yes X No ____
Page # 8

FRONT AXLE

20,000 LB Meritor MFS20 or Equivalent suspension and shock absorbers. Threaded spring hanger pins and bushings replacing rubber bushings.

Yes X No ____
Page # 5

20,000# integral power steering with dual steering boxes and oil cooler

Yes X No ____
Page # 5

Unitized sealed (maintenance free) front wheel hubs.

Yes X No ____
Page # 5

Sealed tapered kingpins and bearings.

Yes X No ____
Page # 5

Meritor "S" cam design or Equivalent 16.5" x 6" brakes with dust shields:

Yes X No ____
Page # 5

Front wheels to be Aluminum disc ten (10) hole bud style, hub piloted 22.5" x 12.25".

Yes ☒ No ☐
Page # 7

Front tires to be 18 ply 385/65R22.5 radials Bridgestone, Goodyear, or Yokohama.

Yes ☒ No ☐
Page # 7

REAR AXLE

Dual Meritor RT46-164PEH 46,000# capacity tandem rear axle or Equivalent with heavy wall housing and integral lube pump (4.10 ratio). 46,000# Chalmers 854-46-H suspension with standard restrictor can. No multi leaf springs and walking beam design allowed.

Yes ☒ No ☐
Page # 6

In cab Power divider lock out valve with warning light and buzzer.

Yes ☒ No ☐
Page # 6

Driver controlled inter wheel differential locks for both rear axles with manual valve and warning light.

Yes ☒ No ☐
Page # 6

Meritor "S" cam design or Equivalent 16.5" x 7" brakes with dust shields:

Yes ☒ No ☐
Page # 6

Automatic brake slack adjusters

Yes ☒ No ☐
Page # 6

Brake chambers shall be (4) 30/30 style chambers with raised chambers on rear axle.

Yes ☒ No ☐
Page # 6

Steel disc ten- (10) hole bud style, hub piloted 24.5 x 8.25 rear wheels.

Yes ☒ No ☐
Page # 7

Rear tires to be 14 ply 11R 24.5 traction radials Bridgestone, Goodyear, or Yokohama.

Yes ☒ No ☐
Page # 7

OPTIONS

In addition to the above options related to the tri-axle or heavy-duty dump truck chassis, the bid must also include the cost for each of the following options, itemized separately on the bid:

Allison World 4500-RDS-6 six speed Automatic Transmission w/ 4.56
Rear Axle Ratio in place of 10 speed manual w/ 4.10 Rear Axle Ratio

Yes ☒ No ☐
Page # 4

Eaton Fuller Ultrashift Plus 8LL transmission. Requires 1650 torque engine and optimized
Rear axle ratio (4.10 or 4.30 depending on engine selection) (results in price reduction)

Yes ☒ No ☐
Page # 4

Dual Exhaust in place of standard single exhaust

Yes ☒ No ☐
Page # 4

Outside Aluminum wheels (6) on lift axle and rear axles in place of steel wheels

Yes ☒ No ☐
Page # 6

~~Extended cab in place of Standard cab (applies to 1.9m only)~~

Yes ☐ No ☐
Page #

1.9m production will not be available due to OEM production constraints.

2.1m wide cab in place of 1.9m wide cab (results in price reduction)

Yes ☒ No ☐
Page # 9

425/65R22.5 Front Tires in place of 385/65R22.5 radials Bridgestone, Goodyear, or
Yokohama

Yes ☒ No ☐
Page # 7

Factory installed 23k lb. capacity non-steerable lift axle with Bendix LQ-5 Valve and
dash mounted controls (flip valve, pressure regulator, & air pressure gauge) and
(4) 295/75R22.5 virgin rubber 14 ply highway tread radial tires by Bridgestone, Goodyear,
Or Yokohama with (4) 22.5 x 8.25 steel disc wheels. 1yr/100k mile Factory warr. included.

Yes ☒ No ☐
Page # 6

Full truck kit/pintle hook prep package: includes tractor protection valve and gladhands ran
To end of frame for safe trailer operation

Yes ☒ No ☐
Page #

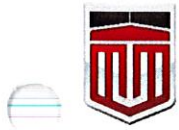
MX 13 L engine with set forward axle, 4.78 rear axle ratio, & straight bright finish bumper
in place of X15 15L engine (results in price reduction)

Yes ☒ No ☐
Page # 2

7" Wide polished stainless steel tank straps with polished aluminum fuel tank

Yes ☒ No ☐
Page # 8

NOTE: Award will be made on the basis of the total cost of the truck chassis with all options included.
However, a county may, at its discretion, deduct the above-referenced option from the truck chassis, and in
such event, the cost of the option as stated on the bid shall be deducted from the total cost of the truck
chassis. There shall be no other deductions and no additions made to the truck chassis by the purchasing
county or by the vendor.



TRUCKWORX

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www.TRUCKWORX.com

Attn: ACCA County Commissioners

October 22, 2021

Dear ACCA Administration:

Truckworx is proposing lowest cost ownership by offering the most aggressive residual value to the county members affiliated with the association. Please be advised that production will be limited to 51 slots for next year's ACCA contract. First come, first serve basis will be the methodology Truckworx will utilize to fulfill orders next year.

2023 Triaxle Dump Truck with all options	
Engine Cummins	500HP 15- liter engine 1850 Torque
Transmission Allison w/PTO	4500 RDS
Front Axle Meritor	20k
Rear Axle Dana Spicer	46k
Cab to Axle for Dump Truck	141
Color	White
Tires	11R24.5
Wheels	Polished Aluminum
Ratio	4.56
Fan hub on/off or Two speed fan hub	Fan hub Horton 2 speed
Cooling Module	1330 square inches
Alternator	160 amp
ACCA Contract Price \$171,990.00	
51 Slots available in 2022	



Thank you for your consideration regarding a Kenworth Truck. Please feel free to contact me if you have any questions. I look forward to providing you with "The World's Best!"

CC File: ACCA Administration

Jay Callaway,
Vice President of Government Affairs



ABOUT TRUCKWORX

Truckworx provides sales, parts, and service for Kenworth, Hino, and Isuzu commercial trucks, Blue Bird, and Micro Bird buses, and six trailer lines including MAC, Talbert, Pitts, Dragon, Clement, and Fontaine. Truckworx started as Kenworth of Birmingham in 1978 by B.B. and Bob Mitchell and is still family-owned and operated



ACCA
2 N S JACKSON ST 7TH FLOOR
MONTGOMERY, Alabama 36104
United States of America

Vehicle Summary

Note: All sales are F.O.B. designated plant of manufacture.



Std/ Opt	Description	Weight
Model		
S	T880 Series Conventional	15,549
S	T880	0
O	Chassis operation will not include a stationary application. Stationary operation is defined as running the engine under load while stationary at a substantial fraction of engine gross horsepower (60% or greater) for an extended period of time (longer than 5 - 10 minutes).	0
O	Dealer/Customer declines engine w/CARB Idle Emissions Reduction Feature.	0
S	Non-Sleeper w/rear axle capacity less than 59K.	0
O	State of Registry: Alabama	0
Engine & Equipment		
O	X15 500V 500@2000 1850@950 2021 with Intebrake, Productivity Series N09420 C333 0.....Reserve Speed Limit Offset (N09380 C334 0.....Maximum Cycle Distance (C334 N09360 C400 252...Reserve Speed Function Reset N09200 C399 120...Standard Maximum Speed Limit N09400 C401 10.....Maximum Active Distance (C40 N09220 C402 0.....Expiration Distance (C402) N09540 C395 0.....Expiration Distance (C395) N09260 C121 68.....Maximum Accelerator Pedal Ve N09440 C234 YES...Engine Protection Shutdown (N09460 C231 NO....Gear Down Protection (C231) N09580 C133 5.....Timer Setting (C133) N09680 C233 NO....Idle Shutdown Manual Overrul N09480 C132 1200..Max PTO Speed (C132) N09300 C128 68.....Maximum Cruise Speed (C128) N09500 C239 NO....Cruise Control Auto Resume (N09520 C238 NO....Auto Engine Brake in Cruise N09240 C209 120...Hard Maximum Speed Limit (C2 N09780 C190 80....High Ambient Temperature Thr N09740 C188 40....Low Ambient Temperature Thre N09760 C189 60....Intermediate Ambient Tempera N09720 C382 YES...Enable Hot Ambient Automatic N09600 C396 YES...Enable Impending Shutdown Wa N09620 C397 60....Timer For Impending Shutdown N09640 C206 35....Engine Load Threshold (C206) N09560 C225 YES...Enable Idle Shutdown Park Br	465
O	EPA Compliant Engine	0
S	PremierSpec	0

Price Level: April 1, 2021

100% Complete

Date: October 21, 2021

Deal: T880 X15 AUTO NS PSHR

Quote Number: QUO-799892-Q0D6T7

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**KENWORTH**

<i>Std/ Opt</i>	<i>Description</i>	<i>Weight</i>
O	Gearing Analysis: Performance power before economy results.	0
O	Customer's Typical Operating Spd: 65 mph.	0
O	Effective VSL Setting NA	0
O	Engine Idle Shutdown Timer Disabled	0
O	Eff EIST NA Expiration Miles	0
O	Air compressor: Cummins 18.7 CFM, Naturally Aspirated for Cummins X15 engines	0
S	Air Cleaner: composite firewall mounted PACCAR or Cummins engines	0
O	Pre-cleaner mounted in the hood plenum	0
O	Fan Hub: Horton 2-Speed for X15	0
S	Cooling module: 1330 square inches. Includes aluminum radiator core, aluminum charge air cooler, translucent surge tank and washer bottle, silicone hoses, and extended life coolant.	0
O	EXH: 2021 RH Under DPF/SCR with Dual SOC tailpipes. Daycab, Extended Daycab, Modular Sleeper	0
O	Tailpipe: 7 in. dual 36 in. 45 degree curved.	8
O	Fuel Filter:PACCAR Extended Service Interval Fuel/Water Separator, 2017 and Later Emissions	0
S	Run Aid:Fuel Heat *For Fuel Filter	0
S	Start Aid:12V Heat *For Fuel Filter	0
S	Alternator: PACCAR 160 amp, brush type	0
S	Batteries: 3 PACCAR GP31 threaded post (700-730) 2100-2190 CCA dual purpose.	0
O	Mitsubishi 105P55 12V Starter with Cummins and PX PACCAR 12 volt electrical system. W/ centralized power distribution incorporating plug-in style relays. Circuit protection for serviceability, 12- volt light system w/circuit protection circuits number & color coded. Only for Cummins or PX engines.	0
S	12V low voltage disconnect for starter battery protection.	0
S	Remote PTO/Throttle, 12-Pin, Engine Bay Remote Control Provision	0
Transmission & Clutch		
O	Transmission: Allison 4500RDS 6-speed	478

Price Level: April 1, 2021

100% Complete

Date: October 21, 2021

Deal: T880 X15 AUTO NS PSHR

Quote Number: QUO-799892-Q0D6T7

Printed On: 10/21/2021 8:44:30 AM



KENWORTH

Std/ Opt	Description	Weight
	w/o retarder, w/PTO provision. 5th generation. For vocational applications. Includes shift control, transmission oil temperature gauge, oil level sensor & heat exchanger. Transynd transmission fluid is standard on all Allison 1000, 2000, 3000 & 4000 series transmissions.	
O	Driveline: 2 Dana SPL250XL 1 centerbearing requires 3500057 interaxle driveline. Low maintenance offering from Spicer. On-highway 350K mi first service interval, 100K mi subsequent service interval on U-joint, splines lubed for life, quick disconnect end caps.	83
O	Torque converter included w/Allison Transmission.	0
O	Pushbutton control center console mounted. Class 8 with Allison Transmission.	0
O	Delete Allison Fuel Sense	0
O	J1939 Park Brake Auto Neutral	0
O	Allison Neutral at Stop Stand-Alone Not applicable with Allison Fuel Sense	0
U	ALLISON GEN 5 PKG 223 Narr ALLISON GEN 5 PKG 223 ALLISON PROGRAMMING PACKAGE GEN 5 223 FOR 4500 RDS TRANS	0
U	TORQUE CONVERTER TC571 Narr TORQUE CONVERTER TC571 TORQUE CONVERTER TC571 FOR US WITH 4000 SERIES TRANSMISSIONS	0
O	Rear transmission support springs for transmission PTO applications are required to ensure that engine flywheel housings are not overloaded when transmission PTO's are installed.	0
O	Customer installed transmission PTO in the LH Mounted position (8 o'clock) for Allison 3000 & 4000 transmissions.	0
Front Axle & Equipment		
O	Dana Spicer D2000 Front Axle rated 20K standard track.	-27
O	Front Brakes: 22K Bendix ES S-cam 16.5x6 in.	-46
O	Front Brake Drum: 22,000 lbs. 16-1/2x6 in. Cast.	104
O	Front Hubs Iron hub pilot 20,000 lbs. 10 Bolt 16.5x6in. or 7in. or air disc brakes. 10 Bolt, 11-1/4 in. bolt circle. Consider Wheelguards (5850002) with aluminum wheels.	80
S	ConMet PreSet Plus Hub package; front axle.	0
S	Hubcap: front vented.	0
O	Front Auto Slack Adjuster.	0
S	Front Springs: Taperleaf 20K w/ shock absorbers	0

Price Level: April 1, 2021

100% Complete

Date: October 21, 2021

Deal: T880 X15 AUTO NS PSHR

Quote Number: QUO-799892-Q0D6T7

Printed On: 10/21/2021 8:44:30 AM

Std/ Opt	Description	Weight
	w/ maintenance-free elastomer spring pin bushings. Standard with rubber pins except for C500 which has threaded pins. Not available on W900L. W900B use 2866021.	
S	Dual power steering gear: 16-22K Sheppard HD94. Heavy duty. Not for use on T3.	0
S	Power Steering Cooler: Radiator Mounted Air-to-Oil	0
O	Front Frame Raised: 1/2 in.	0
O	Threaded Bushings for taperleaf spring 16K, 18/20K, 22K, 40K replacing rubber.	0
Rear Axle & Equipment		
O	Dual Dana Spicer D46-172HP rear axle rated at 46K. w/ 16mm housing and 2.06in. shaft diameter. Includes pump. Tandem rear axles.	-156
O	Rear Axle Ratio - 4.56.	0
S	Dual Rear Brakes 16-1/2x7 in. to 46K; Bendix ES-extended service S-cam.	0
S	Dual Rear Brake Drums: cast.	0
S	Dual Rear Hubs: Aluminum hub pilot 46K 11-1/4 in. bolt circle.	0
S	ConMet PreSet Plus Hub package; dual rear axle.	0
S	Dual Rear axle automatic slack adjusters.	0
O	Spring Brake: 3030 high output dual.	0
O	Bendix 4S/4M anti-lock brake system.	0
O	Replace standard mount w/ high mount for rear rear axle brake chambers.	0
O	Interaxle driveline 1 Dana SPL170XL	-4
O	Wheel Differential Lock for Dana Spicer axles D40-170(P)/D46-170(H)(P)(WT) forward rear axle & rear rear axle.	112
O	Rear suspension: Tandem Chalmers 854-46-H 46K. 54 in. axle spacing. Unladen Height: 12.5 in. Laden Height: 10.1 in. Standard restrictor can.	226
O	Non-steerable pusher axle: Watson Chalin AL2200 23K Standard track.	2,296
O	16.5x7 in. Bendix Non-RSD brakes for use with 21K or 23K non-steerable pusher assembly (included w/ axle).	0
O	Cast brake drums 16.5x7 for non-steerable 21K or 23K pusher axle.	0
O	Non-steerable pusher Hubs Iron hub pilot 10-hole 11.25 in. bolt circle for use with 21K or 23K axle.	30

Price Level: April 1, 2021

100% Complete

Date: October 21, 2021

Deal: T880 X15 AUTO NS PSHR

Quote Number: QUO-799892-Q0D6T7

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Std/ Opt	Description	Weight
O	Pusher or Tag: gauge/switch dash-mounted; gauge and pressure regulator mounted left of driver.	0
U	SPECIAL DRILLING: ADDL HOLES <i>Narr SPECIAL DRILLING: ADDL HOLES SPECIAL DRILLING ADDL HOLES FASTENERS IN PSHR BRKT</i>	0
O	Delete standard heavy-duty air springs for rear suspension.	-28
O	1st Pusher location: 54 in. from c/l Forward tandem axle or single rear axle.	0

Tires & Wheels

O	Front tires: Goodyear G296 MSA 425/65R22.5 20PR. 44.4 in. diameter 20.6 in. SLR. all position. On/Off highway. Wide-base tire.	148
O	Rear tires: Goodyear Endurance LHD 11R24.5 14PR	220
O	1 Non-Steerable Pusher: 4 Yokohama RY023 295/75R 22.5 14PR. 4-4.	0
O	Rear Tire Quantity: 8	0
O	Front Wheel: Alcoa 82362 22.5x12.25 aluminum, with LM One [TM] finish High Polish, hub-pilot mount. 11400lb. maximum rating. Super single. Standard track axles may be over 102 in. w/425 tires. Air disc brake compatible.	-10
O	Rear Wheel: Alcoa 98U63 Out/ACC 50409 INS 24.5X8. AL/STL High Polish.	-28
U	NSTRBL PSHR 4 ALCOA 88267/ACCUR	-24
S	Powder coat white steel wheel. Use in conjunction with front, dual front, rear, spare or lift axle wheel code(s). All wheels on chassis must have same finish color.	0
O	Rear Wheel/Rim Quantity: 8	0

Frame & Equipment

O	Frame Rails: 10-3/4 x 3-1/2 x 3/8in. Steel 285in. to 336 in. Truck frame weight is 3.48 lb.-in. per pair of rails. Section modulus is 17.80, RBM is 2,132,000 in.-lbs per rail. Frame rail availability may be restricted based upon application, axle/suspension capacity, fifth wheel setting, or component/dimensional specifications. The results of the engineering review may result in a change to the requested frame rail. If a change is required Kenworth Application Engineering will advise the dealer of the appropriate material specification for a substitute rail.	403
O	Full Steel Insert: for 10-5/8 in. or 10-3/4 in. Steel 285 in. to 336 in. or 2nd insert for 11-5/8 in. steel frame. Adds 1,149,000 in.-lb to main rail RBM. Truck insert weight is 2.05 lb.-in. per pair of rails. Full frame insert length is equal to wheelbase plus rear frame cutoff plus dimension forward of front axle by model: T660, T680, T800, T880 = 21.26 in.; C500B = bumper setting minus 0.79 in.; W900B	648

Std/ Opt	Description	Weight
	= 5.27 in., W900L = 1.50 in., W900S = 3.27 in.; T440/T470 50 in. bumper setting = 21.26 in., T470 73 in. bumper setting = 72.3 in.	
O	Bumper: Tapered chrome steel channel. Requires a bumper setting code.	63
S	48.5 in. Bumper setting. Requires a bumper code.	0
O	Front tow hook: Center mounted, cast. Requires iron front drive brackets.	28
O	Steel shackle links.	8
O	Custom Frame Layout: 50 or more chassis CFL F/T: LH UNDER CFL C/M: MOVE REARMOST XMBR FAR ENOUGH BACK SO THAT FWD MOST BOLT HOLES ARE PAST THE REAR MOST RADIUS OF RR TIRES CFL BBX: NO ADDL HOLES IN CUTOFF AREA; CUTOFF TO BE MODIFIED	0
O	Huck bolts throughout frame, where possible.	0
O	Battery box cantilever aluminum BOC with fiberglass cover.	8
O	Battery box location: RH Side.	15
S	T470,C5, T6, T8 non-polished DPF/SCR or CNG cover diamond plate w/ step. For use w/ 2010 or later exhaust systems. For T8, use extended length non-polished battery box on opposite rail to match the length of under cab components. End plates will be painted standard black frame color.	0
O	Final end-of-frame cut-off dimension will be modified to greater than or equal to 75 in.	0
S	Rear mudflap arms: Betts B-25 standard-duty, straight. Includes B1732 mounting brackets as standard.	0
S	Rear mudflap shields: White plastic antisail w/ Kenworth logo.	0
S	Square end-of-frame w/o crossmember; non-towing.	0

Fuel Tanks & Equip

O	Fuel Tank: 120 US gallon 24.5in. aluminum under replace. Class 8 fuel tanks w/ o locking caps include an anti-siphon device on the filler neck.	63
S	Small round DEF tank, 14 gallons. The DEF tank will be located on the side you specified. If you have specific configuration or body builder concerns, please utilize the Custom Frame Layout option. Standard capacity is calculated by fuel capacity of the vehicle and will accommodate two diesel fill-ups for every DEF fill-up. For 1:1 DEF fuel fill ratio, add 7889204.	0
O	Heavy-duty 7in. steel supports/straps for one 24.5 in tank. Two supports per tank.	18
O	Polish only 7in. stainless steel straps for one 24.5in. tank; 2 straps per tank.	0
S	DEF to fuel fill ratio 2:1 or greater.	0

Price Level: April 1, 2021

100% Complete

Date: October 21, 2021

Deal: T880 X15 AUTO NS PSHR

Quote Number: QUO-799892-Q0D6T7

Printed On: 10/21/2021 8:44:30 AM

Std/ Opt	Description	Weight
S	Anti-siphon device in fuel tank filler neck. For any number of fuel tanks.	0
S	DEF tank location is LH.	0
O	Location: 120 gal fuel tank LH under cab	0
Cab & Equipment		
S	Cab: Stamped aluminum cab with panoramic curved glass windshield. Standard with stamped aluminum doors, heavy duty in-swinging hinges, and triple sealed doors. Manufactured using self-piercing rivets and structural adhesive. Includes LED exterior marker lights and turn signals.	0
O	Hood: T880 Standard Length With Mechanically Fastened Fenders. 122.6 inch BBC.	15
S	Cab HVAC - Day Cab and 40in Sleeper System With Defrost, A/C, and 48,000 BTU/hr Heater. Includes automatic temperature control with one touch defrost operation and dash mounted cab temperature and solar intensity sensors. Pleated fresh air filter and cabin recirculation air filter standard. The Kenworth HVAC system is designed to provide optimal heating and cooling in all operating environments without need for additional insulation. Cab HVAC without sleeper heater AC is available with 40in sleeper.	0
S	Kenworth Smartwheel: 18 in. Non-Leather With Integrated Radio and Cruise Controls.	0
O	Column Mtd Retarder Control, RH Side Use with Manual & Allison Transmissions Only.	0
S	Adjustable telescoping tilt steering column.	0
O	Dash Mounted Compact Trailer Brake Valve. Self Returning.	0
U	PTO WIRING W/O DASH SW Narr PTO WIRING W/O DASH SW REF CHASSIS 450857	0
O	Gauge: Engine Oil Temperature Gauge With Integral warning light. The NavPlus HD unit includes a virtual engine oil temperature gauge.	0
S	GAU: DD VIRTUAL GAUGE - OIL TEMP ENG	0
S	GAU: DD VIRTUAL GAUGE - AIR FILTER RESTRICTION	0
S	GAU: DD VIRTUAL GAUGE - MANIFOLD PRESSURE BOOST	0
S	GAU: DD VIRTUAL GAUGE - ENGINE PERCENT TORQUE	0
O	Gauge: Fuel filter restriction gauge.	0
O	Gauge: Axle oil temperature, dual-drive axle. (2 gauges) w/integral warning light.	0
S	MAIN INSTRUMENT PACKAGE: 15" Digital Display.	0



KENWORTH

Std/ Opt	Description	Weight
	Includes Speedometer, Tachometer, Primary Air Pressure, Secondary Air Pressure, Fuel Level #1, DEF Level, DPF Filter Status, Fuel Economy, Oil Pressure, Coolant Temp, OAT and Voltmeter, and Air Application.	
S	Interior color: Slate Gray	0
S	Interior package: Vantage daycab Includes durable headliner and vinyl sidewalls with geometric patterned trim and anodized aluminum accents throughout. Convenient overhead storage cubbies, full size glove box, two center console cupholders, and large door pad map pocket. Standard LH/RH power windows, electric door locks, interior LED lighting, nighttime-friendly red ambient lighting for dash and footwell, and door mounted courtesy light. Includes two standard 12V power outlets. Driver sunvisor includes strap.	0
S	Rubber floormat	0
O	Driver Seat: GT702 HB with Cloth w/ Vinyl material. The GT702 is standard with a single air bag, scissor linkage seat suspension that incorporates seat height memory, auto-leveling valves with exit air dump, and adjustable damper. It includes a dual chamber lumbar support, 10in Fore/Aft adjustment, 5in Up/Down adjustment with protection zones, 2.5in pan extension, 51 degree seat back recline, and 16 degree full seat tilt. Includes 3-point matching seat belts. DR seat standard w/ dual armrests.	10
S	Rider Seat: GT100 Toolbox HB with Cloth w/ Vinyl material. The GT100 seats are standard with fixed base. Includes 3-point matching seat belts. Rider seat standard w/ LH armrest.	0
S	Seat Color: Black	0
O	Kenworth Radio DEA710 AM/FM/WB/USB, Bluetooth	0
O	Base Level Audio System - Daycab:High Performance Door Speakers.	2
O	CB installation kit: Center mounted of header. W/header mounted quick release CB mount. One red power post & one black ground post. Includes dual antenna leads located on the mirror brackets. Includes dual antenna & separate speaker.	2
S	Turn Signal: Non-Self Cancelling	0
S	LH and RH Trip Ledge Rain Deflectors	0
S	Kenworth TruckTech+ The Kenworth Remote Diagnostics system provides the Worlds Best reporting of engine and aftertreatment fault codes, as well as enhanced support for the truck owner through rapid communication of fault severity and recommended actions. This option is Standard on all Heavy Duty Kenworths with a PACCAR MX engine, Cummins X15 engine, PX engine or Natural Gas engine. Optional on Medium Duty Kenworths.	0
O	Long grabhandle RH side mounted to side-of-cab exhaust.	2

Price Level: April 1, 2021

100% Complete

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Deal: T880 X15 AUTO NS PSHR

Quote Number: QUO-799892-Q0D6T7

Printed On: 10/21/2021 8:44:30 AM

Std/ Opt	Description	Weight
O	Long grabhandle LH side mounted to side-of-cab exhaust.	2
S	Dual Cab Interior Grabhandles: A Pillar Mounted Dash Wrap and B Pillar Mounted Grabhandles	0
S	Kenworth Daylite Door with standard LH/RH electric door locks and LH/RH electric window controls.	0
O	Dual rectangular air horn 23 in. LH & RH top of roof. Includes air horn covers.	4
S	Look-Down, Pass. Door, Black 11x6	0
S	Aero Mirror: Dual Kenworth Aerodynamic Motorized heated mirrors, 7in X 13in with cab color mirror shell and black mirror arms. Also includes LH/RH heated 6in X 7in convex mirrors. Mirror brackets set for 8-1/2 ft load width. Mirror controls located on driver side door pad.	0
S	Rear cab stationary window 19in x 36in	0
O	3.5in x 11.5in Plastic Records Holder: Mounted On Rear Cab Panel. Not available With Sleeper Or 2 Person Bench Seat.	0
S	One-piece bonded-in windshield with curved glass. Standard.	0
S	Exterior stainless steel sunvisor.	19
O	Fender close-out: Below headlamp, behind bumper. *NOT available with 3-piece bumper.	0
O	Wheelwell Fender Extension: 4.5 inches	1
S	Kenworth Cab/Sleeper Air Suspension.	0

Lights & Instruments

S	Headlamps: SAE Dual Halogen Complex Reflector	0
S	Marker Lights: Five, rectangular, LED	0
O	Turn Signal Lights: Flush mounted LED mounted at top of fender wheel arc	0
S	LED Stop, Turn, Tail: With Two LED Backup Lights and With An LED License Plate.	0
O	Headlamps to turn on when wipers are active.	0
S	Marker Lights: Interrupter Switch. Included in Turn Signal For All Models Except T3. The T3 Switch Is In The Dash.	0
O	Brake Lights on when Engine Brake Active. Can only be selected when chassis also has engine brake. Cannot be used with options to delete engine brake.	0
O	Electric Backup Alarm: Meets SAE J994 & OSHA requirements.	4
O	Polyswitches replacing fuses. Switch will	0

Price Level: April 1, 2021

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Deal: T880 X15 AUTO NS PSHR

Quote Number: QUO-799892-Q0D6T7

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Std/ Opt	Description	Weight
	automatically reset after removal of excess load.	
Air Equipment		
O	Air Dryer: Bendix AD-HF Extended Purge Heated With Puraguard	0
S	Moisture ejection valve w/ pull cable drain.	0
O	Full Truck Kit Gladhands mounted at end-of-frame. Seven-way female receptacle mounted at end-of-frame in taillamp bracket. Kit includes dash mounted trailer air supply valve, trailer hand control valve, and hoses/fittings for the valves. Dash mounted parking brake valve, tractor protection valve, and spring brake inversion/relay valves are standard.	15
S	Nylon air tubing in frame & cab, excluding hoses subject to excessive heat or flexing.	0
O	Bendix LQ-5 ratio valve:for Kenworth-installed pusher/tag. LQ-5 valve limits the amount of air applied to the pusher brakes. Helps prevent lockup in lightly loaded conditions.	2
O	Locate air dryer inside RH rail BOC. This code requires the use of a custom frame layout code.	0
O	Air tanks: clear of transmission area. This code requires the use of a custom frame layout code.	0
O	Trailer ABS electric supply through SAE J560 7-pin connector per TMC RP137).	0
Extended Warranty		
S	Base Warranty - Standard Service Heavy Duty 12 months / 100,000 miles / 160,000 km.	0
O	24 Month TruckTech+ Subscription for Cummins Engines	0
O	Base Warranty: Emissions 5YR/100K MI - EPA Engine	0
Miscellaneous		
O	GHG Secondary Manufacturer: Does Not Apply	0
O	Additional lead time required for off highway & /or specialty component truck.	0
O	Warning triangle reflector kit: Shipped loose. Kit consists of 3 triangles in plastic carrying case. Not floor mounted.	4
O	One 5 lb. dry chemical type fire extinguisher mounted outboard of rider seat. Class ABC.	11
S	VMUX Architecture	0
Promotions		
Paint		
O	Paint color number(s).	0



Jay Callaway
 Truckworx – Jackson
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 Email: jonathanc@truckworx.com
 www.TRUCKWORX.com

Attn: ACCA County Commissioners

October 22, 2021

Dear ACCA Administration:

Truckworx is proposing lowest cost ownership by offering the most aggressive residual value to the county members affiliated with the association. Please be advised that production will be limited to 51 slots for next year's ACCA contract. First come, first serve basis will be the methodology Truckworx will utilize to fulfill orders next year.

2023 Triaxle Dump Truck with all options	
Engine MX Set Forward Axle	510HP 13- liter engine 1850 Torque
Transmission Allison w/PTO	4500 RDS
Front Axle Dana Spicer	20k
Rear Axle Dana Spicer	46k
Cab to Axle for Dump Truck	141
Color	White
Tires	11R24.5
Wheels	Polished Aluminum
Ratio	4.78
Fan hub on/off or Two speed fan hub	Fan hub Horton 2 speed
Cooling Module	1330 square inches
Alternator	160 amp
ACCA Contract Price \$161,682.00 51 Slots available in 2022 Includes 3 -year extended BWV warranty	



Thank you for your consideration regarding a Kenworth Truck. Please feel free to contact me if you have any questio

with "The World's Best!

CC File: ACCA Administration

Jay Callaway,
 Vice President of Government Affairs



Truckworx provides sales, parts, and service for Kenworth, Hino, and Isuzu commercial trucks, Blue Bird, and Micro Bird buses, and six trailer lines including MAC, Talbert, Pitts, Dragon, Clement, and Fontaine. Truckworx started as Kenworth of Birmingham in 1978 by B.B. and Bob Mitchell and is still family-owned and operated today. The company employs over 350 people with ten facilities throughout Alabama and Mississippi. Truckworx operates full-service dealerships in Birmingham, Huntsville, Dothan, Montgomery, Mobile, and Tallahassee, Florida. Truckworx also has locations in Atlanta, Georgia, and Jacksonville, Florida.



TRUCKWORX KENWORTH - BIRMINGHAM (K415)
2220 FINLEY BOULEVARD
BIRMINGHAM, Alabama 35234

ACCA
2 N S JACKSON ST 7TH FLOOR
MONTGOMERY, Alabama 36104
United States of America

Steve Sullivan
Cell Phone: 205-296-9254
Office Phone: 205-326-6170
Email: SteveS@Truckworx.Com

Vehicle Summary

	Unit	Chassis
Model:	T880 Series Conventional	Fr Axle Load (lbs): 20000
Type:	FULL TRUCK	Rr Axle Load (lbs): 46000
Description 1:	T880S MX AUTO W LA	G.C.W. (lbs): 88501
Description 2:	Copy of T880 X15 AUTO W LA	
	Application	Road Conditions:
Intended Serv.:	Local pickup & delivery: Vehicles which	Class A (Highway) 96
Commodity:	Gravel/crushed rock/sand.	Class B (Hwy/Mtn) 3
	Body	Class C (Off-Hwy) 1
Type:	End dump.	Class D (Off-Road) 0
Length (ft):	16	Maximum Grade: 6
Height (ft):	14	Wheelbase (in): 227
Max Laden Weight (lbs):	88500	Overhang (in): 80
		Fr Axle to BOC (in): 86
	Trailer	Cab to Axle (in): 141
No. of Trailer Axles:	0	Cab to EOF (in): 221
Type:		Overall Comb. Length (in): 336.5
Length (ft):	0	
Height (ft):	0	Special Req.
Kingpin Inset (in):	0	U.S. Domestic registry, 50-state.
Corner Radius (in):	0	
	Restrictions	
Length (ft):	120	
Width (in):	102	
Height (ft):	13.5	

Approved by: _____

Date: 10/22/21

Note: All sales are F.O.B. designated plant of manufacture.



Std/ Opt	Description	Weight
Model		
S	T880 Series Conventional	15,549
S	T880	0
O	Chassis operation will not include a stationary application. Stationary operation is defined as running the engine under load while stationary at a substantial fraction of engine gross horsepower (60% or greater) for an extended period of time (longer than 5 - 10 minutes).	0
O	Dealer/Customer declines engine w/CARB Idle Emissions Reduction Feature.	0
S	Non-Sleeper w/rear axle capacity less than 59K.	0
O	State of Registry: Alabama	0
Engine & Equipment		
O	MX-13 510 510@1600 1850@1000 2021 with Engine Brake N09020 AE001 NO....ENBL MX RETARDER IN NEUTRAL N08200 AE002 650...IDLE TARGET N09100 AA003 68....CC MAX TARGET SPD N09110 AA004 10....CC MIN ENABLE SPD N09120 AA005 OFF...DYNAMIC CC ENABLE N09440 AA061 2000..CAB:MAX ENG SPD-ACCEL CNTRL N09430 AA062 2000..CAB: MAX ENG SPD - SW CNTRL N09420 AA063 6.....CAB: MAX VEH SPD N09510 AA065 800...CAB: DEDICATED PRESET "-" N09520 AA066 900...CAB: DEDICATED PRESET "+" N09780 AA049 CNCL..CAB: CUSTOM PRESET 1 FUNC N09640 AA050 0.....CAB: CUSTOM PRESET 1 N09790 AA051 CNCL..CAB: CUSTOM PRESET 2 FUNC N09650 AA052 0.....CAB: CUSTOM PRESET 2 N09800 AA053 CNCL..CAB: CUSTOM PRESET 3 FUNC N09660 AA054 0.....CAB: CUSTOM PRESET 3 N09500 AA060 OFF...CAB: PRESET +/- SW TYPE N09630 AA067 TRQ...CAB:ACCEL PEDAL TYPE IN PTO N09400 AA068 YES...CAB:ACCEL ACTV IN CAB PTO N09470 AA055 ON....CAB: CLUTCH INTLK N09840 AA056 OFF...CAB: CUSTOMER INTLK N09480 AA057 ON....CAB: NEUTRAL INTLK N09460 AA058 ON....CAB: PARK BRK INTLK N09490 AA059 ON....CAB:SER BRK INTLK:NO PTO N09540 AA074 2000..REM:MAX ENG SPD-ACCEL CNTRL N09530 AA075 2000..REM:MAX ENGSPD-SW/TSC1 CTRL N09610 AA077 800...REM: DEDICATED PRESET "-" N09620 AA078 900...REM: DEDICATED PRESET "+" N09810 AA043 CNCL..CAB/REM:CUSTOM PRESET1 FUNC N09670 AA044 750...CAB/REM: CUSTOM PRESET 1 N09820 AA045 CNCL..CAB/REM:CUSTOM PRESET2 FUNC	0

Price Level: April 1, 2021

100% Complete

Date: October 21, 2021

Deal: T880S MX AUTO W LA

Quote Number: QUO-800161-L0B6J0

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Std/ Opt	Description	Weight
	N09680 AA046 850...CAB/REM:CUSTOM PRESET 2	
	N09830 AA047 CNCL...CAB/REM:CUSTOM PRESET3 FUNC	
	N09690 AA048 950...CAB/REM: CUSTOM PRESET 3	
	N09600 AA079 OFF...REM: PRESET +/- SW TYPE	
	N09410 AA069 YES...PTO REM PEDAL ENABLE	
	N09560 AA070 ON AD.REM: CLUTCH INTLK	
	N09700 AA071 OFF...REM: CUSTOMER INTLK	
	N09570 AA072 ON AD.REM: NEUTRAL INTLK	
	N09580 AA073 ON AD.REM:SER BRK INTLK:NO PTO	
	N09550 AA076 650...REM: MIN ENG SPD	
	N09450 AA064 650...CAB: MIN ENG SPD	
	N09760 AA009 5.....DRIVER REWARD VEH SPD BONUS	
	N09770 AA010 -5.....DRIVER REWARD VEH SPD PNLT	
	N09750 AA013 NONE..OFFSET MODE	
	N09720 AA015 3.....MIN SPD FOR DR SHIFT AID	
	N09730 AA016 10.....DSA LOWEST ACTV GEAR	
	N09740 AA017 1.....DSA HIGHEST ACTV GEAR	
	N09340 AA019 YES...EIST PARK BRK RESET ENABLE	
	N09300 AA022 30.....EIST LO CLNT TEMP OVERRIDE	
	N09290 AA023 80.....EIST HI AMBAIR TEMP OVRDE	
	N09280 AA024 39.....EIST LO AMBAIR TEMP OVRDE	
	N09260 AA025 5.....EIST PTO MAX IDLE TIME	
	N09230 AA026 5.....EIST PARKED MAX IDLE TIME	
	N09220 AA027 5.....EIST STANDSTILL IDLE TIME	
	N09240 AA029 YES...EIST RESET FROM ENG LOAD	
	N09250 AA030 NO...EIST OVERRIDE FROM ENG LOAD	
	N09200 AA031 0.....EIST EXPIRATION DISTANCE	
	N09310 AA032 YES...EIST ACCEL PEDAL RESET	
	N09330 AA033 YES...EIST SERVICE BRK RESET	
	N09320 AA034 YES...EIST CLUTCH PEDAL RESET	
	N09270 AA035 YES...EIST PTO OVERRIDE	
	N08030 AA086 68.....MAX ACCEL PEDAL VEH SPD	
	N08000 AA087 0.....VSL EXPIRATION DISTANCE	
	N08020 AA088 68.....LRSL SPD LMT	
	N09350 AA042 1500..FAST IDLE CNTRL MAX ENG SPD	
	N09050 AA037 4.....DSL SPD OFFSET	
	N09040 AA038 2.....AUTO RTRDR VEH SPD OFFSET	
	N09030 AA039 0.....TIME DELAY FOR RTRDR ACT	
	N09130 AA006 MT....MULTI TORQUE IN CC	
	N09080 AQ001 4.....PCC Negative Offset	
	N09090 AQ002 4.....PCC Positive Offset	
	N09710 AA089 NO....REMOTE INPUTS IN CAB PTO	
	N08200 AE002 650...IDLE TARGET	
O	EPA Compliant Engine	0
S	PremierSpec	0
O	Engine monitoring protection -Shutdown- PACCAR MX engine parameter.	0
O	Gearing Analysis: Performance power before economy results.	0

Std/ Opt	Description	Weight
O	Customer's Typical Operating Spd: 64 MPH	0
O	MX Retarder State Cruise Control On Manual Mode Selecting this code will program the engine controller to make manual mode available when cruise control is on, but not set, and the engine brake switch is on. Manual mode means the engine retarder activates whenever the throttle pedal is not depressed. 2013+	0
O	Effective VSL Setting NA	0
O	Engine Idle Shutdown Timer Disabled	0
O	Eff EIST NA Expiration Miles	0
S	Air Compressor: WABCO 25.9 CFM PACCAR MX 2017+ 440cc Air Compressor	0
S	Air Cleaner: composite firewall mounted PACCAR or Cummins engines	0
O	Pre-cleaner mounted in the hood plenum	0
S	Fan hub: Horton 2-Speed for PACCAR MX	0
S	Cooling module: 1330 square inches. Includes aluminum radiator core, aluminum charge air cooler, translucent surge tank and washer bottle, silicone hoses, and extended life coolant.	0
O	EXH: 2021 RH Under DPF/SCR with Dual SOC tailpipes. Daycab, Extended Daycab, Modular Sleeper	0
O	Tailpipe: 7 in. dual 36 in. 45 degree curved.	8
S	Fuel Filter: PACCAR Extended Service Interval On-Engine Fuel/Water Separator. 2021 Emissions MX Engines only.	0
S	Run Aid:Fuel Heat *For Fuel Filter	0
S	Start Aid:12V Heat *For Fuel Filter	0
O	Alternator: PACCAR HDS 160 AMP Brushed	0
S	Batteries: 3 PACCAR GP31 threaded post (700-730) 2100-2190 CCA dual purpose.	0
S	PACCAR Premium 12V Starter with PACCAR MX Engines PACCAR 12 volt electrical system. With centralized power distribution incorporating plug-in style relays. Circuit protection for serviceability, 12-volt light system w/circuit protection circuits number & color coded.	0
S	12V low voltage disconnect for starter battery protection.	0
S	Remote PTO/Throttle, 12-Pin, Engine Bay Remote Control Provision	0
O	Steel Oil Pan for PACCAR MX Engines	10

**KENWORTH**

Std/ Opt	Description	Weight
Transmission & Clutch		
O	Transmission: Allison 4500RDS 6-speed w/o retarder, w/PTO provision. 5th generation. For vocational applications. Includes shift control, transmission oil temperature gauge, oil level sensor & heat exchanger. Transynd transmission fluid is standard on all Allison 1000, 2000, 3000 & 4000 series transmissions.	478
O	Driveline: 2 Dana SPL250XL 1 centerbearing requires 3500057 interaxle driveline. Low maintenance offering from Spicer. On-highway 350K mi first service interval, 100K mi subsequent service interval on U-joint, splines lubed for life, quick disconnect end caps.	83
O	Torque converter included w/Allison Transmission.	0
O	Pushbutton control center console mounted. Class 8 with Allison Transmission.	0
O	Delete Allison Fuel Sense	0
O	J1939 Park Brake Auto Neutral	0
O	Allison Neutral at Stop Stand-Alone Not applicable with Allison Fuel Sense	0
U	ALLISON GEN 5 PKG 223 Narr ALLISON GEN 5 PKG 223 ALLISON PROGRAMMING PACKAGE GEN 5 223 FOR 4500 RDS TRANS	0
U	TORQUE CONVERTER TC571 Narr TORQUE CONVERTER TC571 TORQUE CONVERTER TC571 FOR US WITH 4000 SERIES TRANSMISSIONS	0
O	Customer installed transmission PTO in the LH Mounted position (8 o'clock) for Allison 3000 & 4000 transmissions.	0
Front Axle & Equipment		
O	Dana Spicer D2000 Front Axle rated 20K standard track.	-27
O	Front Brakes: 22K Bendix ES S-cam 16.5x6 in.	-46
O	Front Brake Drum: 22,000 lbs. 16-1/2x6 in. Cast.	104
O	Front Hubs Iron hub pilot 20,000 lbs. 10 Bolt 16.5x6in. or 7in. or air disc brakes. 10 Bolt, 11-1/4 in. bolt circle. Consider Wheelguards (5850002) with aluminum wheels.	80
S	ConMet PreSet Plus Hub package; front axle.	0
S	Hubcap: front vented.	0
O	Front Auto Slack Adjuster.	0
O	Front Springs: Taperleaf 20K w/ shock absorbers w/ maintenance-free elastomer spring pin bushings. Standard with rubber pins. T880S set forward axle only.	0

Price Level: April 1, 2021

100% Complete

Date: October 21, 2021

Deal: T880S MX AUTO W LA

Quote Number: QUO-800161-L0B6J0

Printed On: 10/21/2021 8:41:07 AM

**KENWORTH**

Std/ Opt	Description	Weight
S	Dual power steering gear: 16-22K Sheppard HD94. Heavy duty. Not for use on T3.	0
S	Power Steering Cooler:Radiator Mounted Air-to-Oil	0
O	Front Frame Raised: 1/2 in.	0
O	Threaded Bushings for taperleaf spring 16K, 18/20K, 22K, 40K replacing rubber.	0

Rear Axle & Equipment

O	Dual Dana Spicer D46-172HP rear axle rated at 46K. w/ 16mm housing and 2.06in. shaft diameter. Includes pump. Tandem rear axles.	-156
O	Rear Axle Ratio - 4.78.	0
S	Dual Rear Brakes 16-1/2x7 in. to 46K; Bendix ES-extended service S-cam.	0
S	Dual Rear Brake Drums: cast.	0
S	Dual Rear Hubs: Aluminum hub pilot 46K 11-1/4 in. bolt circle.	0
S	ConMet PreSet Plus Hub package; dual rear axle.	0
S	Dual Rear axle automatic slack adjusters.	0
O	Spring Brake: 3030 high output dual.	0
O	Bendix 4S/4M anti-lock brake system.	0
O	Replace standard mount w/ high mount for rear rear axle brake chambers.	0
O	Interaxle driveline 1 Dana SPL170XL	-4
O	Wheel Differential Lock for Dana Spicer axles D40-170(P)/D46-170(H)(P)(WT) forward rear axle & rear rear axle.	112
O	Rear suspension: Tandem Chalmers 854-46-H 46K. 54 in. axle spacing. Unladen Height: 12.5 in. Laden Height: 10.1 in. Standard restrictor can.	226
O	Non-steerable pusher axle: Watson Chalin AL2200 23K Standard track.	2,296
O	16.5x7 in. Bendix Non-RSD brakes for use with 21K or 23K non-steerable pusher assembly (included w/ axle).	0
O	Cast brake drums 16.5x7 for non-steerable 21K or 23K pusher axle.	0
O	Non-steerable pusher Hubs Iron hub pilot 10-hole 11.25 in. bolt circle for use with 21K or 23K axle.	30
O	Pusher or Tag: gauge/switch dash-mounted; gauge and pressure regulator mounted left of driver.	0
U	SPECIAL DRILLING: ADDL HOLES	0

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	<i>Narr SPECIAL DRILLING: ADDL HOLES SPECIAL DIRLLING ADDL HOLES FASTENERS IN PSHR BRKT</i>	
O	Delete standard heavy-duty air springs for rear suspension.	-28
O	1st Pusher location: 54 in. from c/l Forward tandem axle or single rear axle.	0
Tires & Wheels		
O	Front tires: Goodyear G296 MSA 425/65R22.5 20PR. 44.4 in. diameter 20.6 in. SLR. all position. On/Off highway. Wide-base tire.	148
O	Rear tires: Goodyear Endurance LHD 11R24.5 14PR	220
O	1 Non-Steerable Pusher: 4 Yokohama RY023 295/75R 22.5 14PR. 4-4.	0
O	Rear Tire Quantity: 8	0
O	Front Wheel: Alcoa 82362 22.5x12.25 aluminum, with LM One [TM] finish High Polish, hub-pilot mount. 11400lb. maximum rating. Super single. Standard track axles may be over 102 in. w/425 tires. Air disc brake compatible.	-10
O	Rear Wheel: Alcoa 98U63 Out/ACC 50409 INS 24.5X8. AL/STL High Polish.	-28
U	NSTRBL PSHR 4 ALCOA 88267/ACCUR	-24
S	Powder coat white steel wheel. Use in conjunction with front, dual front, rear, spare or lift axle wheel code(s). All wheels on chassis must have same finish color.	0
O	Rear Wheel/Rim Quantity: 8	0
Frame & Equipment		
O	Frame Rails: 10-3/4 x 3-1/2 x 3/8in. Steel 285in. to 336 in. Truck frame weight is 3.48 lb.-in. per pair of rails. Section modulus is 17.80, RBM is 2,132,000 in.-lbs per rail. Frame rail availability may be restricted based upon application, axle/suspension capacity, fifth wheel setting, or component/dimensional specifications. The results of the engineering review may result in a change to the requested frame rail. If a change is required Kenworth Application Engineering will advise the dealer of the appropriate material specification for a substitute rail.	383
O	Full Steel Insert: for 10-5/8 in. or 10-3/4 in. Steel 285 in. to 336 in. or 2nd insert for 11-5/8 in. steel frame. Adds 1,149,000 in.-lb to main rail RBM. Truck insert weight is 2.05 lb.-in. per pair of rails. Full frame insert length is equal to wheelbase plus rear frame cutoff plus dimension forward of front axle by model: T660, T680, T800, T880 = 21.26 in.; C500B = bumper setting minus 0.79 in.; W900B = 5.27 in., W900L = 1.50 in., W900S = 3.27 in.; T440/T470 50 in. bumper setting = 21.26 in., T470 73 in. bumper setting = 72.3 in.	636
O	Bumper: Tapered chrome steel channel. Requires a bumper setting code.	63

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O	29.5 in. Bumper setting. Requires a bumper code.	0
O	Front tow hook: Center mounted, cast. Requires iron front drive brackets.	28
O	Steel shackle links.	8
O	Custom Frame Layout: 50 or more chassis CFL F/T: LH UNDER CFL C/M: MOVE REARMOST XMBR FAR ENOUGH BACK SO THAT FWD MOST BOLT HOLES ARE PAST THE REAR MOST RADIUS OF RR TIRES CFL BBX: NO ADDL HOLES IN CUTOFF AREA; CUTOFF TO BE MODIFIED	0
O	Huck bolts throughout frame, where possible.	0
O	Battery box cantilever aluminum BOC with fiberglass cover.	8
O	Battery box location: RH Side.	15
S	T470,C5, T6, T8 non-polished DPF/SCR or CNG cover diamond plate w/ step. For use w/ 2010 or later exhaust systems. For T8, use extended length non-polished battery box on opposite rail to match the length of under cab components. End plates will be painted standard black frame color.	0
O	Final end-of-frame cut-off dimension will be modified to greater than or equal to 75 in.	0
S	Rear mudflap arms: Betts B-25 standard-duty, straight. Includes B1732 mounting brackets as standard.	0
S	Rear mudflap shields: White plastic antisail w/ Kenworth logo.	0
S	Square end-of-frame w/o crossmember; non-towing.	0

Fuel Tanks & Equip

O	Fuel Tank: 120 US gallon 24.5in. aluminum under replace. Class 8 fuel tanks w/ o locking caps include an anti-siphon device on the filler neck.	63
S	Small round DEF tank, 14 gallons. The DEF tank will be located on the side you specified. If you have specific configuration or body builder concerns, please utilize the Custom Frame Layout option. Standard capacity is calculated by fuel capacity of the vehicle and will accommodate two diesel fill-ups for every DEF fill-up. For 1:1 DEF fuel fill ratio, add 7889204.	0
O	Heavy-duty 7in. steel supports/straps for one 24.5 in tank. Two supports per tank.	18
O	Polish only 7in. stainless steel straps for one 24.5in. tank; 2 straps per tank.	0
S	DEF to fuel fill ratio 2:1 or greater.	0
S	Anti-siphon device in fuel tank filler neck. For any number of fuel tanks.	0
S	DEF tank location is LH.	0

Std/ Opt	Description	Weight
O	Location: 120 gal fuel tank LH under cab	0
Cab & Equipment		
S	Cab: Stamped aluminum cab with panoramic curved glass windshield. Standard with stamped aluminum doors, heavy duty in-swinging hinges, and triple sealed doors. Manufactured using self-piercing rivets and structural adhesive. Includes LED exterior marker lights and turn signals.	0
O	Hood: T880 Set-Fwd Short Length W/Mech. Fastened Fenders	0
S	Cab HVAC - Day Cab and 40in Sleeper System With Defrost, A/C, and 48,000 BTU/hr Heater. Includes automatic temperature control with one touch defrost operation and dash mounted cab temperature and solar intensity sensors. Pleated fresh air filter and cabin recirculation air filter standard. The Kenworth HVAC system is designed to provide optimal heating and cooling in all operating environments without need for additional insulation. Cab HVAC without sleeper heater AC is available with 40in sleeper.	0
S	Kenworth Smartwheel: 18 in. Non-Leather With Integrated Radio and Cruise Controls.	0
O	Column Mtd Retarder Control, RH Side Use with Manual & Allison Transmissions Only.	0
S	Adjustable telescoping tilt steering column.	0
O	Dash Mounted Compact Trailer Brake Valve. Self Returning.	0
U	PTO WIRING W/O DASH SW Narr PTO WIRING W/O DASH SW REF CHASSIS 450857	0
O	Gauge: Engine Oil Temperature Gauge With Integral warning light. The NavPlus HD unit includes a virtual engine oil temperature gauge.	0
S	GAU: DD VIRTUAL GAUGE - OIL TEMP ENG	0
S	GAU: DD VIRTUAL GAUGE - AIR FILTER RESTRICTION	0
S	GAU: DD VIRTUAL GAUGE - MANIFOLD PRESSURE BOOST	0
S	GAU: DD VIRTUAL GAUGE - ENGINE PERCENT TORQUE	0
O	Gauge: Fuel filter restriction gauge.	0
O	Gauge: Axle oil temperature, dual-drive axle. (2 gauges) w/integral warning light.	0
S	MAIN INSTRUMENT PACKAGE: 15" Digital Display. Includes Speedometer, Tachometer, Primary Air Pressure, Secondary Air Pressure, Fuel Level #1, DEF Level, DPF Filter Status, Fuel Economy, Oil Pressure, Coolant Temp, OAT and Voltmeter, and Air Application.	0
S	Interior color: Slate Gray	0

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S	Interior package: Vantage daycab Includes durable headliner and vinyl sidewalls with geometric patterned trim and anodized aluminum accents throughout. Convenient overhead storage cubbies, full size glove box, two center console cupholders, and large door pad map pocket. Standard LH/RH power windows, electric door locks, interior LED lighting, nighttime-friendly red ambient lighting for dash and footwell, and door mounted courtesy light. Includes two standard 12V power outlets. Driver sunvisor includes strap.	0
S	Rubber floormat	0
O	Driver Seat: GT702 HB with Cloth w/ Vinyl material. The GT702 is standard with a single air bag, scissor linkage seat suspension that incorporates seat height memory, auto-leveling valves with exit air dump, and adjustable damper. It includes a dual chamber lumbar support, 10in Fore/Aft adjustment, 5in Up/Down adjustment with protection zones, 2.5in pan extension, 51 degree seat back recline, and 16 degree full seat tilt. Includes 3-point matching seat belts. DR seat standard w/ dual armrests.	10
S	Rider Seat: GT100 Toolbox HB with Cloth w/ Vinyl material. The GT100 seats are standard with fixed base. Includes 3-point matching seat belts. Rider seat standard w/ LH armrest.	0
S	Seat Color: Black	0
O	Kenworth Radio DEA710 AM/FM/WB/USB, Bluetooth	0
O	Base Level Audio System - Daycab:High Performance Door Speakers.	2
O	CB installation kit: Center mounted of header. W/header mounted quick release CB mount. One red power post & one black ground post. Includes dual antenna leads located on the mirror brackets. Includes dual antenna & separate speaker.	2
S	Turn Signal: Non-Self Cancelling	0
S	LH and RH Trip Ledge Rain Deflectors	0
S	Kenworth TruckTech+ The Kenworth Remote Diagnostics system provides the Worlds Best reporting of engine and aftertreatment fault codes, as well as enhanced support for the truck owner through rapid communication of fault severity and recommended actions. This option is Standard on all Heavy Duty Kenworths with a PACCAR MX engine, Cummins X15 engine, PX engine or Natural Gas engine. Optional on Medium Duty Kenworths.	0
O	Long grabhandle RH side mounted to side-of-cab exhaust.	2
O	Long grabhandle LH side mounted to side-of-cab exhaust.	2
S	Dual Cab Interior Grabhandles: A Pillar Mounted Dash Wrap and B Pillar Mounted Grabhandles	0
S	Kenworth Daylite Door with standard LH/RH electric door locks and LH/RH electric window controls.	0

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O	Dual rectangular air horn 23 in. LH & RH top of roof. Includes air horn covers.	4
S	Look-Down, Pass. Door, Black 11x6	0
S	Aero Mirror: Dual Kenworth Aerodynamic Motorized heated mirrors, 7in X 13in with cab color mirror shell and black mirror arms. Also includes LH/RH heated 6in X 7in convex mirrors. Mirror brackets set for 8-1/2 ft load width. Mirror controls located on driver side door pad.	0
S	Rear cab stationary window 19in x 36in	0
O	3.5in x 11.5in Plastic Records Holder:Mounted On Rear Cab Panel. Not available With Sleeper Or 2 Person Bench Seat.	0
S	One-piece bonded-in windshield with curved glass. Standard.	0
S	Exterior stainless steel sunvisor.	19
O	Wheelwell Fender Extension: 4.5 inches	1
S	Kenworth Cab/Sleeper Air Suspension.	0

Lights & Instruments

S	Headlamps: SAE Dual Halogen Complex Reflector	0
S	Marker Lights: Five, rectangular, LED	0
O	Turn Signal Lights: Flush mounted LED mounted at top of fender wheel arc	0
S	LED Stop,Turn,Tail: With Two LED Backup Lights and With An LED License Plate.	0
O	Headlamps to turn on when wipers are active.	0
S	Marker Lights: Interrupter Switch. Included in Turn Signal For All Models Except T3. The T3 Switch Is In The Dash.	0
O	Brake Lights on when Engine Brake Active. Can only be selected when chassis also has engine brake. Cannot be used with options to delete engine brake.	0
O	Electric Backup Alarm: Meets SAE J994 & OSHA requirements.	4
O	Polyswitches replacing fuses. Switch will automatically reset after removal of excess load.	0

Air Equipment

O	Air Dryer: Bendix AD-HF Extended Purge Heated With Puraguard	0
S	Moisture ejection valve w/ pull cable drain.	0
O	Full Truck Kit	15

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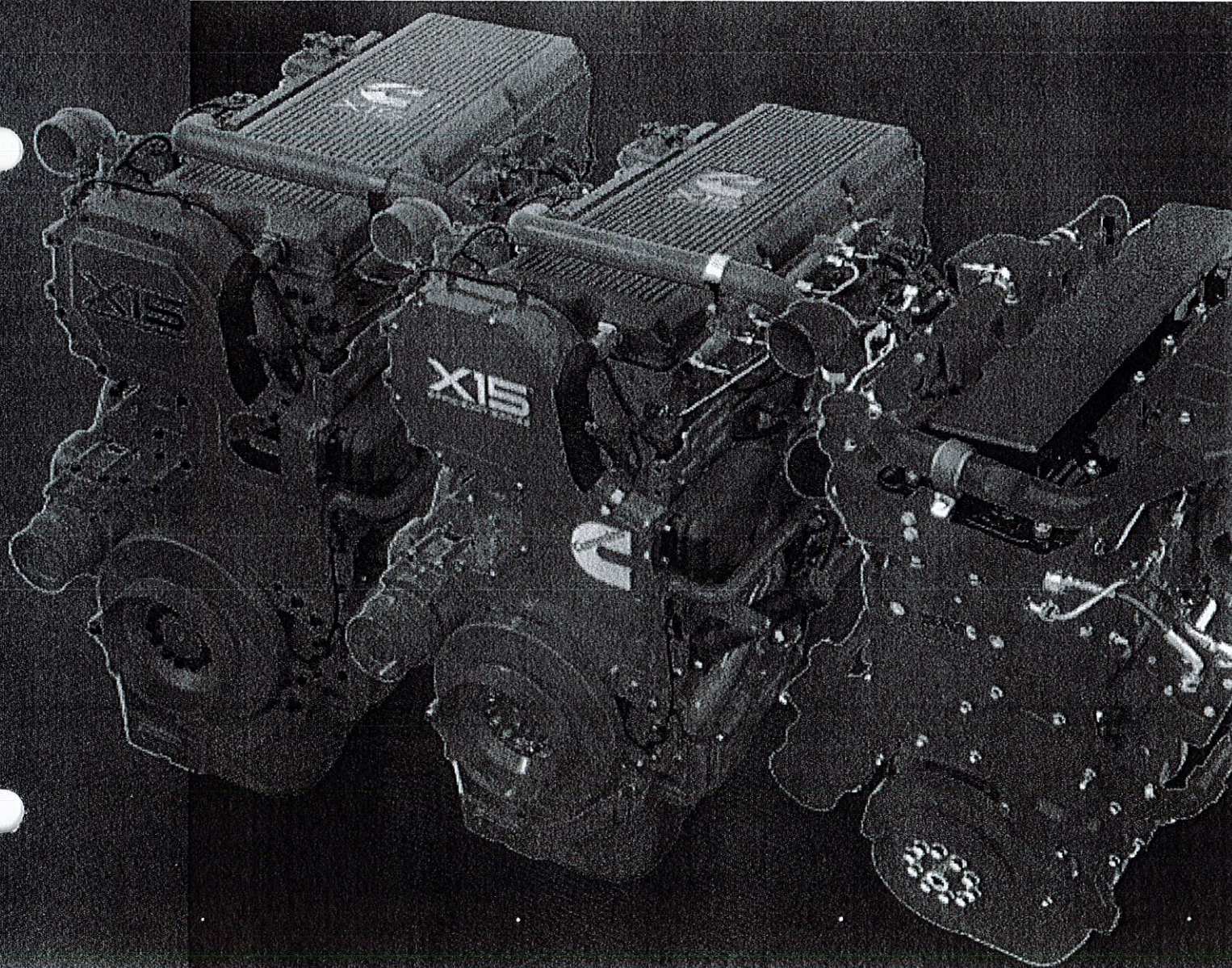
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Std/ Opt	Description	Weight
	Gladhands mounted at end-of-frame. Seven-way female receptacle mounted at end-of-frame in taillamp bracket. Kit includes dash mounted trailer air supply valve, trailer hand control valve, and hoses/fittings for the valves. Dash mounted parking brake valve, tractor protection valve, and spring brake inversion/relay valves are standard.	
S	Nylon air tubing in frame & cab, excluding hoses subject to excessive heat or flexing.	0
O	Bendix LQ-5 ratio valve:for Kenworth-installed pusher/tag. LQ-5 valve limits the amount of air applied to the pusher brakes. Helps prevent lockup in lightly loaded conditions.	2
O	Locate air dryer inside RH rail BOC. This code requires the use of a custom frame layout code.	0
O	Air tanks: clear of transmission area. This code requires the use of a custom frame layout code.	0
O	Trailer ABS electric supply through SAE J560 7-pin connector per TMC RP137).	0
Extended Warranty		
O	Base Warranty - PACCAR MX-11 & MX-13 Engine 24 months / 250,000 miles / 400,000 km / 6250 hours.	0
S	Base Warranty - Standard Service Heavy Duty 12 months / 100,000 miles / 160,000 km.	0
O	EW: US Basic Vehicle 3 year/100,000 miles, United States only.	0
S	24 Month TruckTech+ Subscription for PACCAR MX Engines w/ OTA Functionality	0
O	Base Warranty: Emissions 5YR/100K MI - EPA Engine	0
Miscellaneous		
O	GHG Secondary Manufacturer: Does Not Apply	0
O	Additional lead time required for off highway & /or specialty component truck.	0
O	Warning triangle reflector kit: Shipped loose. Kit consists of 3 triangles in plastic carrying case. Not floor mounted.	4
O	One 5 lb. dry chemical type fire extinguisher mounted outboard of rider seat. Class ABC.	11
S	VMUX Architecture	0
Promotions		
Paint		
O	Paint color number(s). N9702 A - L0225 WHITE N9720 FRAME N0001 BLACK	0
O	Bumper Unpainted	0



Every™ Coverage.

North American Truck Coverages
For 2017 X15™ And ISX12 Engines.



North American Heavy-Duty Truck Coverages.

Cummins Heavy-Duty Base Engine Warranty coverage for the X15 Efficiency Series, X15 Performance Series and ISX12 is better and more comprehensive than ever.

From the block casting to the injectors, virtually everything is covered for 2 years/250,000 miles (402,336 km), whichever comes first. That includes the aftertreatment system.

Plus, we continue to offer a variety of comprehensive extended coverage plans on all Cummins Heavy-Duty engines, for added security. These protection plans provide financial peace of mind, insuring you against unforeseen expenses for years to come. And they can be included in the financing of your new truck for just dollars a day.

Cummins Extended Coverage plans are honored at all authorized Cummins service locations, and backed by Cummins Care. No matter where your business takes you, you've always got a Cummins-authorized service facility nearby, with over 3,500 locations in North America. So you can be assured that every contingency is covered.

X15 And ISX12 Base Warranty.

There's no greater assurance of quality. A product's warranty is ironclad proof that you can take to the bank, especially when it's a 2-year/250,000-mile (402,336 km) warranty on a Cummins Heavy-Duty X15 or ISX12 engine. Virtually everything is included in this standard warranty – 100 percent parts and labor, travel or towing – all with no deductible:

- 100 percent parts and labor on warrantable failures*
- Travel or towing when an engine is disabled by a warrantable failure
- Includes aftertreatment

*Warrantable failures are those due to defects in Cummins material or factory workmanship. Refer to legal bulletins for specific details.

X15 And ISX12 Extended Coverage Plans.

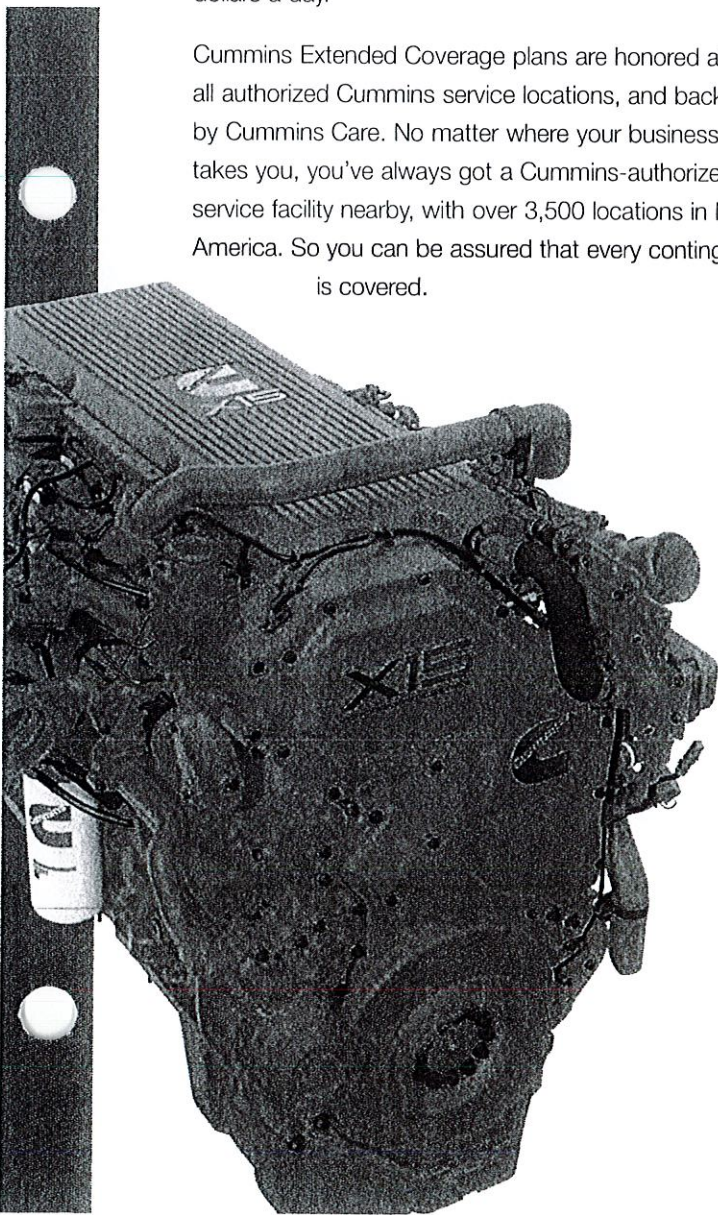
Protection Plan 1

You can plan your maintenance and repair budgets with confidence when you've got extended coverage for your Heavy-Duty engines. Protection Plan 1 is our most comprehensive package, including the turbocharger, water pump, fuel injectors, air compressor and fuel pump for a variety of year and mileage options ranging from 3 to 5 years and 100,000 to 500,000 miles (160,934-804,672 km) for the X15 Performance Series and ISX12, and from 3 to 6 years and 100,000 to 600,000 miles (160,934-965,606 km) for the X15 Efficiency Series. Mileage range may vary by engine and length of coverage. Contact your local distributor or dealer for duration details to choose the plan that best meets your equipment trade cycle and financial goals.

Items covered under Protection Plan 1 include:

- Internal components and major engine systems, including the turbocharger, water pump and fuel injectors* and – new for EPA/GHG 2017 – the flywheel, wiring harnesses, front gear housing and thermostat
- Registered parts and labor on covered failures
- Travel or towing when an engine is disabled by a warrantable failure is covered when you purchase Plan 1 coverage with the travel option

*Does not include hydrocarbon doser injector.



Protection Plan 2

Provides you with coverage against major repair expenses down the road, no matter where those roads take you. Options range from 3 to 7 years and 250,000 to 500,000 miles (402,336-804,672 km). Mileage range options may vary by engine and length of coverage. Contact your local distributor for details on your specific engine.

Items covered under Protection Plan 2 include:

- Internal components and major engine systems, including the water pump, which is new for EPA/GHG 2017
- Registered parts and labor on covered failures
- Travel or towing when an engine is disabled by a warrantable failure is covered when you purchase Plan 2 coverage with the travel option

Aftertreatment Extended Coverage*



Extended coverage is also available for your Single Module™ or Cummins Aftertreatment System. Options range from 3 to 5 years and 100,000 to 500,000 miles (160,934-804,672 km). Mileage range options may vary by engine and length of coverage. Contact your local distributor for details on your specific engine.

The coverage includes Cummins-supplied aftertreatment components, including:

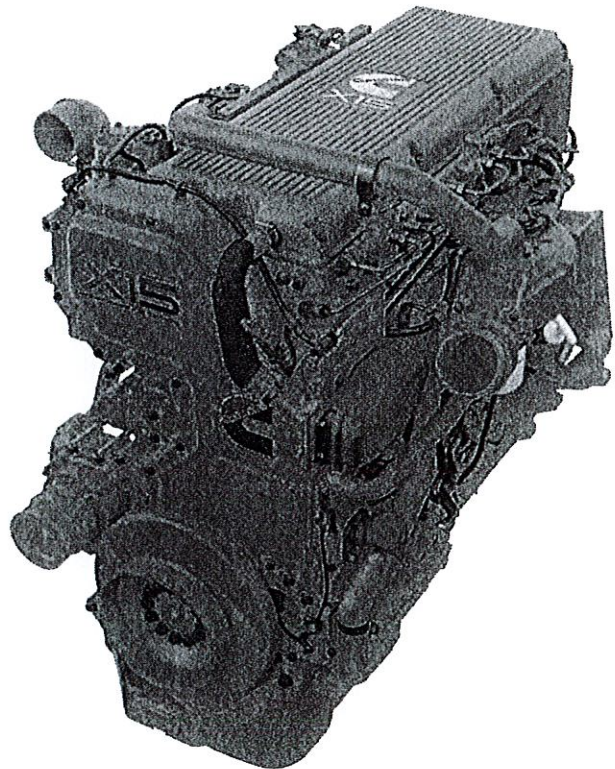
- Diesel Oxidation Catalyst (DOC), Diesel Particulate Filter (DPF) and SCR assemblies
- Hydrocarbon dosing system
- Diesel Exhaust Fluid (DEF) dosing system
- Ammonia sensor

Major Components Coverage.

Cummins Major Components Coverage is the most important travel insurance you can buy, as it protects you against unexpected expenses stemming from issues involving major repairs. Advance planning with Major Components Coverage provides additional peace of mind, with options ranging from 5 to 7 years and 500,000 to 700,000 miles (804,672-1,126,541 km). Mileage range options may vary by engine and length of coverage. Contact your local distributor for details on your specific engine.

Major Components Coverage includes:

- Registered parts and labor on covered failures, including the water pump, which is new for EPA/GHG 2017
- Major castings and forgings



*Protection Plan 1 EPA 2017 of equal duration is required prior to the purchase of the Aftertreatment Extended Coverage.

2017 X15 And ISX12 Extended Coverage Terms*

<ul style="list-style-type: none"> SCR Assembly Aftertreatment Injector Decomposition Reactor Mid-Bed Ammonia Sensor DPF Assembly Hydrocarbon Doser System Fuel Pump Air Compressor Select Engine Sensors Turbo Fuel Injectors Flywheel Wiring Harnesses Front Gear Housing Thermostat EGR Cooler, EGR Valve, EGR Mixer Cylinder Head Assembly ECM Pistons, Rings and Liners Lube Oil Cooler Assembly Cylinder Block Assembly Crankshaft Assemblies Front Gear Cover Oil Pan Connecting Rod Assembly Lube Pump Assembly Camshaft Assembly and Bushings Brake Housing, Bushings, Rocker Levers, Roller Pin, Roller, Crosshead Pin, Crosshead, Including Mounting Hardware and Gaskets Water Pump Engine Cylinder Block Casting Engine Main Bearing Bolts Engine Cylinder Head Casting Engine Cylinder Head Capscrews Engine Crankshaft Forging Engine Camshaft Forging Cam Follower Housing Cam Follower Assemblies Engine Connecting Rods and Caps Engine Connecting Rod Bolts Intake Manifold Castings Rocker Lever Housings Rocker Lever Assembly Gear Train Gears 	<p>Aftertreatment Extended Coverage**</p>	<p>Protection Plan 1</p> <p>Options are available up to 6 years or up to 600,000 miles (965,606 km)*</p>	<p>Protection Plan 2</p> <p>Options are available up to 7 years or up to 500,000 miles (804,672 km)*</p>	<p>Major Components Coverage</p> <p>Options are available up to 7 years or up to 700,000 miles (1,126,541 km)*</p>
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* Terms and conditions are subject to change. Mileage range options may vary by engine and length of coverage.

**Protection Plan 1 EPA 2017 of equal duration is required prior to the purchase of the Aftertreatment Extended Coverage.



Leave Every Detail To Us.

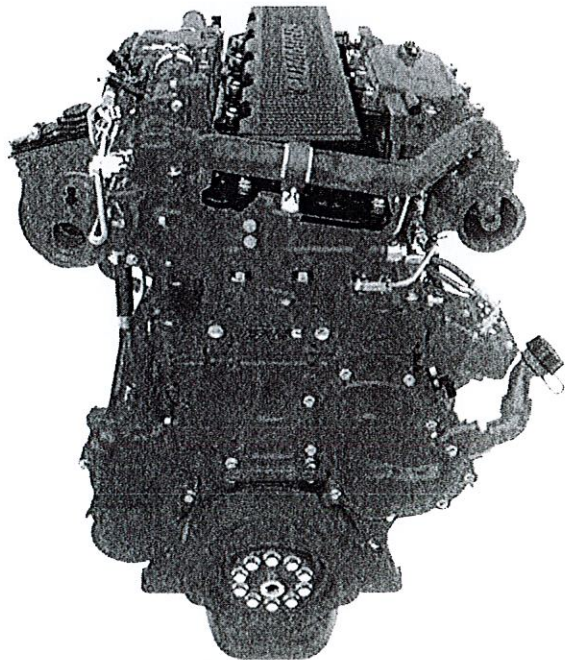
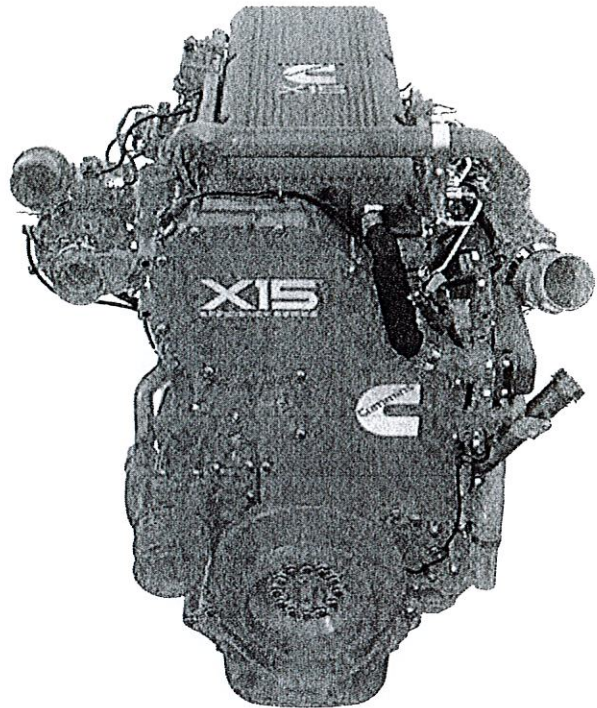
For complete coverage details, including pricing, contact your local Cummins distributor or OEM dealer.

Ordering Cummins Extended Coverage is easy. Your local Cummins distributor or dealer can handle it for you when you buy your new X15- or ISX12-powered truck, and include it in your financing, or you can buy it separately later on for up to 18 months after your engine purchase*.

If you experience a service need during the coverage period, call Cummins Care toll-free at 1-800-CUMMINS™ (1-800-286-6467). Our Cummins Care representatives are standing by, every hour of every day, and they will check with nearby authorized Cummins distributors and dealers to locate a facility with an available technician and the right diagnostic tools to handle your equipment repair. Your Cummins representative will help get you to the nearest available location – with 3,500 authorized locations, there's sure to be one close by.

Simply show the servicing distributor/dealer your Extended Coverage certificate, and he or she will handle all the necessary paperwork and repairs to get you back on the road as quickly as possible.

*After 12 months, a small administrative fee may be applied.





Cummins Inc.
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Internet: cumminsengines.com

[Twitter.com/CumminsEngines](https://twitter.com/CumminsEngines)
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This is a Quick Reference Guide ONLY - Uncontrolled Document for Information Only
This is an itemized listing of the components and/or items used in the assembly of a Kenworth truck and their respective level of warranty coverage. This list is NOT all inclusive.
Refer to the Kenworth Warranty Agreement for specific details on the terms, conditions and limitations of said Warranty Agreement.

STAG CORPORATION

Kenworth Proprietary Rear Suspension Components

Updated 3/12/18

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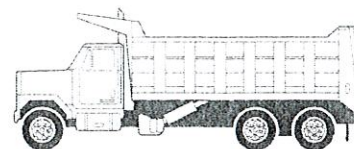
2017 Allison Transmission Coverage Pricing Guide II

RUGGED DUTY SERIES™		Total Coverage* (Included in acquisition price of transmission)	Extended Transmission Coverage Pricing** (Available for purchase)
Model	Vocation	Years of Coverage (Standard Limited Warranty** + Partnership Coverage)	2 Years
2550 RDS xFE	P&D and Beverage	3+0	\$538
	Refuse Packer	3+0	\$1,045
	Utility and Other	3+0	\$538
	Dump Trucks/Mixers	3+0	\$538
	Agriculture***	3+0	\$538
3000 RDS	P&D and Beverage	2+1	\$468
	Refuse Packer	2+1	\$910
	Utility and Other	2+1	\$468
	Dump Trucks/Mixers	2+1	\$468
	Agriculture***	3+0	\$468
3000 RDS R****	P&D and Beverage	2+1	\$663
	Refuse Packer	2+1	\$1,077
	Utility and Other	2+1	\$663
	Dump Trucks/Mixers	2+1	\$663
	Agriculture***	3+0	\$663
3500 RDS	P&D and Beverage	2+1	\$468
	Refuse Packer	2+1	\$910
	Utility and Other	2+1	\$468
	Dump Trucks/Mixers	2+1	\$468
	Agriculture***	3+0	\$468
3500 RDS R****	P&D and Beverage	2+1	\$578
	Refuse Packer	2+1	\$1,009
	Utility and Other	2+1	\$578
	Dump Trucks/Mixers	2+1	\$578
	Agriculture***	3+0	\$578
4000 RDS	P&D and Beverage	2+1	\$835
	Refuse Packer	2+1	\$1,098
	Utility and Other	2+1	\$835
	Dump Trucks/Mixers	2+1	\$835
	Agriculture***	3+0	\$835
4000 RDS R****	P&D and Beverage	2+1	\$1,109
	Refuse Packer	2+1	\$1,360
	Utility and Other	2+1	\$1,109
	Dump Trucks/Mixers	2+1	\$1,109
	Agriculture***	3+0	\$1,109
4500 RDS	P&D and Beverage	2+1	\$786
	Refuse Packer	2+1	\$1,001
	Utility and Other	2+1	\$786
	Dump Trucks/Mixers	2+1	\$786
	Agriculture***	3+0	\$786
4500 RDS R****	P&D and Beverage	2+1	\$866
	Refuse Packer	2+1	\$1,096
	Utility and Other	2+1	\$866
	Dump Trucks/Mixers	2+1	\$866
	Agriculture***	3+0	\$866
4700 RDS	P&D and Beverage	N/A	N/A
	Refuse Packer	2+1	\$1,517
	Utility and Other	2+1	\$1,580
	Dump Trucks/Mixers	2+1	\$1,212
	Agriculture***	3+0	\$1,212
4700 RDS R****	P&D and Beverage	N/A	N/A
	Refuse Packer	2+1	\$2,150
	Utility and Other	2+1	\$1,828
	Dump Trucks/Mixers	2+1	\$1,828
	Agriculture***	3+0	\$1,828

** Extended transmission Coverage: Available for purchase through Allison Authorized Distributors and Dealers to increase coverage to a total of five years or seven years.

*** Hour limitations apply to Standard Limited Warranty. No hour limitations apply to Extended Transmission Coverage.

**** Retarder Option



	Trailers w/ Approved Semi-Fluid Lubricant (Note 2)	5 years / 500,000 miles (800,000 km)
Tire Inflation and Monitor Sysytem (TIMS)	All Models	3 years / 300,000 miles (480,000 km)
SmartWave Tire Pressure Monitoring System (TPMS)	All Models	3 years / Unlimited Mileage
Tire Pressure Control System (TPCS)	All Models	1 year / Unlimited Mileage
Transmissions	Models: 7, 9, 10 Speeds (Note 1) 1100-1800 lbs. ft. 8600/8700 Series (Model exceptions shown below) [Excludes Fuller UltraShift LST (DM)]	3 years / Unlimited Mileage
	Multispeed: 13, 15, 18, 8LL, MLL, 9ALL (Notes 1, 4) (Excludes Fuller UltraShift LHP)	3 years / Unlimited Mileage
	UltraShift <i>PLUS</i> VCS, VMS, VXP (Note 1)	3 years / Unlimited Mileage
	FS Series, RT-6609A (Notes 5, 8)	2 years / Unlimited Mileage
	Hybrid: EH-8E306A-UPG, EH-8E306A-UP (Notes 1)	3 years / 150,000 miles (240,000 km)
Oil-to-Water Heat Exchangers	All Models (Note 1)	3 years / Unlimited Mileage
Auxiliary Transmission	Models: AT-1202, 2A-92	1 year / Unlimited Mileage
Bendix VORAD Collision Warning System	EVT-200 Series EVT-300 Series (Note 12)	See Bendix Warranty Web Site
	VS-400 Series (Note 12)	See Bendix Warranty Web Site
	Retrofit Units (All Series) (Note 12)	See Bendix Warranty Web Site

Note 1: All transmission models require the use of a Roadranger approved lubricant. Automated transmissions and transmissions with Purchased Extended Protection Plans must use Roadranger Synthetic Lubricant meeting Eaton PS 164 Rev7 specification (Refer to Lubrication Manual, TCMT0021.) All transmission and clutch models must meet and have Eaton Engineering Application Approval prior to sale to qualify for any warranty coverage, and then be operated in the approved applications. Those that do not will void their warranty. No blanket approvals are available at this time for UltraShift *PLUS* models and Hybrid Systems.

Note 2: Requires Roadranger approved OEM installation procedures and lubes.

Note 3: With Approved Synthetic Lube, Without Approved Synthetic Lube, Warranty = 3 years/300,000 miles (480,000 km).

Note 4: Refer to "Extended Protection Plan Matrix" on www.roadranger.com

Note 5: 1 year/Unlimited for Snow Plows in FS Series.

Note 7: Driver controlled wheel differential lock options carry the same warranty as single reduction models.

Note 8: FS Series synchronizer wear coverage (synchronizers with Eaton Friction Material) is only available for transmissions that use Eaton approved synthetic lubricant in conjunction with either a Solo Adjustment Free or a 365 MM Clutch (Transmission Robust Package). Without stated package requirements, synchronizer wear is not covered.

Note 11: Use of non-genuine Dana Axle Housing Breather will void warranty for pinion, input, and output seals.

Note 12: Please refer to the Bendix web site (<http://www.bendix.com/en-us/service/Pages/Warranty.aspx>) for the most current policy in effect. Bendix Commercial Vehicle Systems LLC and Bendix Spicer Foundation Brake LLC reserves the right to make policy changes at anytime. The Bendix SmartWave and VORAD trademarks are licensed or owned by Bendix Commercial Vehicle Systems LLC.

Heavy-Duty Manual Transmission

Vocation	Approved Models	Transmission Torque	Standard Warranty (Yr/Mi 000) ²	Additional Coverage Years/Miles (000)					
				Option 1	Price USD	Option 2	Price USD	Option 3	Price USD
Linehaul	9, 10	1750 lbs.ft. and below	5/750 (1200km)	N/A	N/A	N/A	N/A	N/A	N/A
		1850 lbs.ft. and above	5/500 (800km)	0/100 (160km)	\$200	0/250 (400km)	\$400		
	Convertible (9-Speed) ¹	All	5/500 (800km)	0/100 (160km)	\$200	0/250 (400km)	\$400	N/A	N/A
	13, 15, 18, 9ALL, 8LL, Convertible (13-Sp. prior to 3/300)	1750 lbs.ft. and below	3/300 (480km)	1/100 (160km)	\$255	2/200 (320km)	\$425	2/450 (720km)	\$575
		1850 lbs.ft. and above			\$435		\$725		\$965
	Convertible 13-Sp 3/300 to 5/500	1750 lbs.ft. and below	Note 1	1/100 (160km)	\$385	2/200 (320km)	\$560	N/A	N/A
		1850 lbs.ft. and above			\$545		\$790		
Standard Duty Construction, Pick up & Delivery, Transit Coach, School Bus, Recreational Vehicle, Fire Service, Rescue Vehicle	All	1750 lbs.ft. and below	3/U	1/U	\$385	2/U	\$640	N/A	N/A
		1850 lbs.ft. and above			\$655		\$1090		
Severe Duty Off-Highway, Agriculture, Heavy Haul, Logging, Mining, Oil Field, Refuse, Yard Tractor, InterCity Bus	All	1750 lbs.ft. and below	2/U	1/U	\$510	2/U	\$850	3/U	\$1400
		1850 lbs.ft. and above			\$870		\$1450		\$2400

Notes: 1 "Convertible" models 5/500 coverage when operated only as a 9-Speed. Note: Additional 1/100 coverage after conversion on 'Convertibles' with purchase of appropriate conversion kit. Additional coverage available for purchase. No late registration penalties. Maximum coverage 6/600 for converted units.

2 "U" denotes "Unlimited" mileage.

AutoShift[®] Transmission

Vocation	Approved Models	Transmission Torque	Standard Warranty (Yr/Mi 000) ¹	Additional Coverage Years/Miles (000)					
				Option 1	Price USD	Option 2	Price USD	Option 3	Price USD
Linehaul	10-Speed	1750 lbs.ft. and below	5/750 (1200km)	N/A	N/A	N/A	N/A	N/A	N/A
		1850 lbs.ft. and above	5/500 (800km)	0/100 (160km)	\$350	0/250 (400km)	\$550		
	18-Speed	1750 lbs.ft. and below	3/300 (480km)	1/100 (160km)	\$470	2/200 (320km)	\$650	N/A	N/A
		1850 lbs.ft. and above			\$650		\$950		
Standard Duty Construction, Pick up & Delivery, Transit Coach, School Bus, Recreational Vehicle, Fire Service, Rescue Vehicle	All	1750 lbs.ft. and below	3/U	1/U	\$705	2/U	\$975	N/A	N/A
		1850 lbs.ft. and above			\$975		\$1425		
Severe Duty Off-Highway, Agriculture, Heavy Haul, Logging, Mining, Oil Field, Refuse, Yard Tractor, InterCity Bus	All	1750 lbs.ft. and below	2/U	1/U	\$940	2/U	\$1300	3/U	\$2000
		1850 lbs.ft. and above			\$1300		\$1900		\$3000

Notes: 1 "U" denotes "Unlimited" mileage.

UltraShift[®] Transmission

Vocation	Approved Models	Transmission Torque	Standard Warranty (Yr/Mi 000) ^{1,2}	Additional Coverage Years/Miles (000)					
				Option 1	Price USD	Option 2	Price USD	Option 3	Price USD
Linehaul	LST	1750 lbs.ft. and below	5/750 (1200km)	N/A	N/A	N/A	N/A	N/A	N/A
		1850 lbs.ft. and above	5/500 (800km)	0/100 (160km)	\$350	0/250 (400km)	\$550		
	LHP, LEP	All	5/500 (800km)	0/100 (160km)	\$400	0/250 (400km)	\$600	N/A	N/A
Standard Duty Recreational Vehicle	LST, LHP	All	5/U	N/A	N/A	N/A	N/A	N/A	N/A

Notes: 1 Coverage does not include DM Clutch model. Must be purchased separately. See clutch matrix. 2 "U" denotes "Unlimited" mileage.

Pricing applies for Protection Plans sold in the first year in service. An additional premium is required for Protection Plans sold within the 2nd and 3rd year of vehicle service. Plans must be purchased before the end of the standard warranty period. Premium Pricing: 2nd year \$100 USD; 3rd year \$300 USD. Canadian orders will be invoiced in CAD based on prevailing exchange rate. For the most current CAD pricing, go to www.roadrangerwarranty.com.

* All coverage subject to meeting Eaton application requirements. All extended coverage requires use of Roadranger or Roadranger "Approved" lubricants.

** Externally mounted heat exchangers coverage limited to standard warranty or 3 years/300,000 miles (480,000 km) maximum. Extended protection does not apply.

*** Coverage/pricing valid for US/Canada only.

Heavy-Duty UltraShift® PLUS V Series Transmission and Clutch

Vocation	Approved Models	Transmission Torque	Component	Standard Warranty (Yr/Mi 000) ³	Additional Coverage Years/Miles (000)					
					Option 1	Price USD	Option 2	Price USD	Option 3	Price USD
Linehaul	VAS	1750 lbs.ft. and below	Transmission	5/750 (1200km)	N/A	N/A	N/A	N/A	N/A	N/A
		1850 lbs.ft. and above	Transmission							
		All	Clutch	3/350 (563km)	1/100 (160km)	\$300	2/150 (401km)	\$500		
	VCS/VHP/VMS/VXP	1750 lbs.ft. and below	Transmission	3/300 (480km)	1/100 (160km)	\$525	2/200 (320km)	\$750		
		1850 lbs.ft. and above	Transmission			\$700		\$1000		
		All	Clutch	3/350 (563km)		\$300		\$500		
Standard Duty Construction, Pick up & Delivery ¹ , Transit Coach, Recreational Vehicle, Fire Service, Rescue Vehicle	VAS ¹ /VCS/VHP/VMS/VXP	1750 lbs.ft. and below	Transmission	3/U	1/U	\$700	2/U	\$1000	N/A	N/A
		1850 lbs.ft. and above	Transmission			\$950		\$1200		
		All	Clutch			\$350		\$625		
Severe Duty Off-Highway, Agriculture, Heavy Haul ² , Logging, Mining, Oil Field, Refuse	VAS/VCS/VHP/VMS/VXP	1750 lbs.ft. and below	Transmission	2/U	1/U	\$950	2/U	\$1300	3/U	\$1800
		1850 lbs.ft. and above	Transmission			\$1250		\$1750		\$2450
		All	Clutch			\$425		\$750		\$1200

Notes: **1** VAS Pick up & Delivery standard warranty is 5 years/750,000 miles. Extended warranty not available. **2** Heavyhaul application available for VXP and VHP models only. **3** "U" denotes "Unlimited" mileage.

Heavy-Duty UltraShift® PLUS M Series Transmission and Clutch

Vocation	Approved Models	Transmission Torque	Component	Standard Warranty (Yr/Mi 000) ³	Additional Coverage Years/Miles (000)					
					Option 1	Price USD	Option 2	Price USD	Option 3	Price USD
Linehaul	MHP/MXP	1750 lbs.ft. and below	Transmission	5/500 (800km)	0/100 (160km)	\$350	0/250 (400km)	\$600	N/A	N/A
		1850 lbs.ft. and above	Transmission			\$450		\$750		
		All	Clutch		1/100 (160km)	\$300	2/150 (241km)	\$500		
Standard Duty Construction ¹ , Pick up & Delivery, Transit Coach, Recreational Vehicle	MHP/MXP	1750 lbs.ft. and below	Transmission	3/U	1/U	\$700	2/U	\$1000	N/A	N/A
		1850 lbs.ft. and above	Transmission			\$950		\$1200		
		All	Clutch			\$350		\$625		
Severe Duty Off-Highway, Agriculture, Heavy Haul ² , Logging, Mining, Oil Field, Refuse	MHP/MXP	1750 lbs.ft. and below	Transmission	2/U	1/U	\$950	2/U	\$1300	3/U	\$1800
		1850 lbs.ft. and above	Transmission			\$1250		\$1750		\$2450
		All	Clutch			\$425		\$750		\$1200

Notes: **1** Construction application not available for MHP models. **2** Only Heavyhaul application available for MHP models. **3** "U" denotes "Unlimited" mileage.

Heavy-Duty UltraShift® PLUS L Series Transmission and Clutch

Vocation	Approved Models	Transmission Torque	Component	Standard Warranty (Yr/Mi 000) ¹	Additional Coverage Years/Miles (000)			
					Option 1	Price USD	Option 2	Price USD
Linehaul	LAS	1750 lbs.ft. and below	Transmission	5/750 (1200km)	N/A	N/A	N/A	N/A
		1850 lbs.ft. and above	Transmission					
		All	Clutch	3/350 (800km)	1/100 (160km)	\$300	2/150 (241km)	\$500
Standard Duty Pick up & Delivery	LAS	1750 lbs.ft. and below	Transmission	5/750 (1200km)	N/A	N/A	N/A	N/A
		1850 lbs.ft. and above	Transmission					
		All	Clutch	3/350 (800km)	1/100 (160km)	\$300	2/150 (241km)	\$500
Standard Duty Recreational Vehicle, Transit Coach	LAS	1750 lbs.ft. and below	Transmission	3/U	1/U	\$700	2/U	\$1000
		1850 lbs.ft. and above	Transmission			\$950		\$1200
		All	Clutch			\$300		\$500

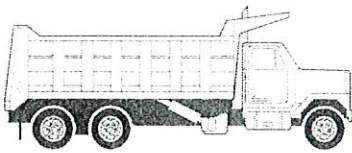
Notes: **1** "U" denotes "Unlimited" mileage.

Pricing applies for Protection Plans sold in the first year in service. An additional premium is required for Protection Plans sold within the 2nd and 3rd year of vehicle service. Plans must be purchased before the end of the standard warranty period. Premium Pricing: 2nd year \$100 USD; 3rd year \$300 USD. Canadian orders will be invoiced in CAD based on prevailing exchange rate. For the most current CAD pricing, go to www.roadrangerwarranty.com.

* All coverage subject to meeting Eaton application requirements. All extended coverage requires use of Roadranger or Roadranger "Approved" lubricants.

** Externally mounted heat exchangers coverage limited to standard warranty or 3 years/300,000 miles (480,000 km) maximum. Extended protection does not apply.

*** Coverage/pricing valid for US/Canada only.



Construction/Agriculture

Vocational Description

- Movement of material to, from, and around a job site
- 90% of loaded operation on prepared road surfaces of concrete, asphalt, gravel, crushed rock or hard packed dirt and up to 10% of loaded operation into sandy or muddy work areas
- Liftable tag and pusher axles are often used to increase legal load capacity on highway
- Vehicles typically operate a high percentage of time off-highway making a large number of stops and starts
- Straight trucks as well as trucks with equipment trailers are considered construction vehicles. Tractor/semi-trailers and trucks pulling material trailers or dump body pups will be considered mining applications and should be reviewed based on guidelines established for that vocation

Typical Vehicle Types

Asphalt Truck	End/Side Dump Truck	Landscaping Truck	Stake Body Truck
Block/Brick Truck	Feed Lot Truck	Milk Tanker Truck	Snowplow/Snowblower
Bucket Truck	Flatbed Truck	Mixer Truck	Tanker Truck
Concrete Pumper	Grain Truck	Roll-Off Container Truck	Transit Mixer
Crane/Cherry Picker	Hook Lift Truck	Silage Truck	Utility Truck

Service Definitions (vocational description applies to all operations)

- Operation 1 GVW/GCW-straight trucks and straight trucks with equipment trailers. Grades up to 12%.

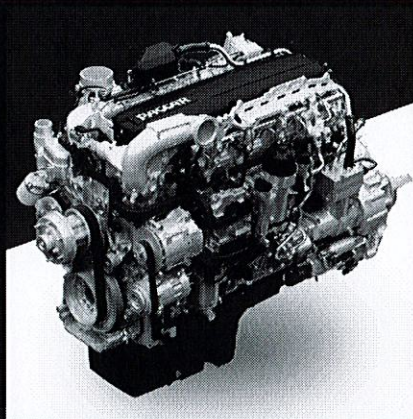
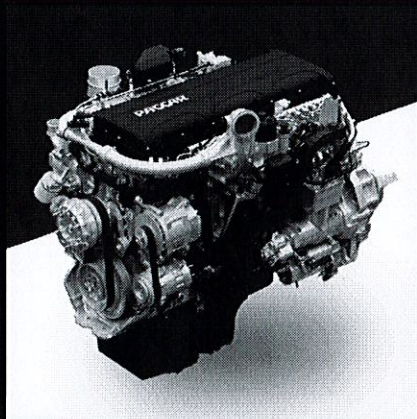
Warranty Coverage for Vehicles Meeting Vocation Definitions and Application Guidelines

Component	Axle Model (Family)	Standard Warranty
Single Drive Axle	S110, S111, S130, S140, 17060S, 19060S, 21060S, 21065T, 22065T, 23083T, 26082T, S23-590, S26-590, S30-590	2 Years / Unlimited Mileage
	S21-170, S21-190, S23-170, S23-190, S23105, S25-190, S26-190, S30-190	3 Years / 350,000 Miles (560,000 km)
Tandem Drive Axles	DS404, DS405	2 Years / Unlimited Mileage
	DSH40, DSH44, D40-170, D46-170, D50-170	3 Years / Unlimited Mileage
	DT463P, D46-590, D52-190, D52-590, D60-190, D60-590, D70-190, D70-590	2 Years / Unlimited Mileage
Non-Driving Steer Axles	All Models	3 Years / Unlimited Mileage [Tie rod end limited to 1 Year / 125,000 Miles (200,000 km)]
Wheel Seal	Standard Wheel Seal	2 Years / 200,000 Miles (320,000 km)
	LMS and Preset	3 Years / 350,000 Miles (560,000 km)
Driveshafts	All Models	Contact OEM for Warranty Coverage
LMS Hubs	All Models	3 Years / 350,000 Miles (560,000 km)
	Trailers with Approved Semi-Fluid Lubricant	5 Years / 500,000 Miles (800,000 km)
Tire Inflation and Monitor System (TIMS)	All Models	3 Years / 300,000 Miles (480,000 km)
Tire Pressure Monitoring System (TPMS)	All Models	3 Years / Unlimited Mileage
Tire Pressure Control System (TPCS)	All Models	1 Year / Unlimited Mileage

EXTENDED WARRANTY PLANS

MX-11

MX-13



PACCAR offers a wide selection of Extended Warranty Plans for PACCAR Engines to meet your business and application needs. A PACCAR Extended Warranty Plan delivers peace of mind by providing coverage for key engine components for up to seven years beyond the standard warranty coverage.

PACCAR MX ENGINE STANDARD WARRANTY

COMPREHENSIVE

2 Years/250,000 Miles
(400,000 KM)

MAJOR COMPONENT

5 Years/500,000 Miles
(800,000 KM)

AFTERTREATMENT

2 Years/250,000 Miles
(400,000 KM)

PACCAR MX ENGINE EXTENDED WARRANTY OPTIONS

ADDITIONAL COVERAGE OPTIONS

PACCAR PREMIUM

Up to 5 Years/
500,000 Miles or 7 Years/
200,000 Miles

PACCAR PROTECTION 1

Up to 5 Years/
500,000 Miles
(800,000 KM)

PACCAR PROTECTION 2

Up to 5 Years/
500,000 Miles
(800,000 KM)

MAJOR COMPONENT PLAN

Up to 7 Years/
700,000 Miles
(1,200,000 KM)

AFTERTREATMENT PLAN

Up to 5 Years/
500,000 Miles
(800,000 KM)

Flywheel	●		
Flywheel Housing	●		
Fuel Control Valve	●		
Fuel Filter Module	●		
Fuel Hand Primer Pump	●		
Fuel Lift Pump	●		
Fuel Lines (High Pressure) Pump To Rail	●		
Fuel Lines (High Pressure) Rail To Injector	●		
Fuel Lines (Low Pressure)	●		
Oil Fill Tube And Cap	●		
Sensor EGR Temperature	●		
Sensor, Pressure/Temp/Humidity (Before Turbocharger)	●		
Air Inlet Pipes (Before & After Turbocharger)	●		
Electrical Harness Supplied With Engine	●		
Air Compressor	●	●	
Common Fuel Rail	●	●	
Electronic Engine Sensors	●	●	
Engine Brake	●	●	
Fuel Injectors	●	●	
Hp Fuel Unit Pumps	●	●	
Sensor, Exhaust Manifold Pressure	●	●	
Sensor, Intake Boost Pressure	●	●	
Turbocharger	●	●	
Water Pump	●	●	
Camshaft And Bushings	●	●	●
Connecting Rod And Bearings	●	●	●
Crankshaft And Bearings	●	●	●
Cylinder Block Assembly	●	●	●
Cylinder Head Assembly	●	●	●
Engine Control Module	●	●	●
Exhaust Gas Recirculation Cooler	●	●	●
Exhaust Gas Recirculation Mixer Valve	●	●	●
Gaskets, Seals, O-rings, Silicon Sealant	●	●	●
Gear Train	●	●	●
Oil Cooler Assembly	●	●	●
Oil Pan	●	●	●
Oil Pump Assembly	●	●	●
Piston Liners	●	●	●
Piston Rings	●	●	●
Valve Train	●	●	●

Connecting Rod Assembly	●
Crankshaft	●
Cylinder Block Assembly	●
Cylinder Head	●
Flywheel Housing	●
Gear Train	●
Camshaft	●
Water Pump Housing	●
Aftertreatment Control Module	●
Diesel Exhaust Fluid Dosing ECM	●
Decomposition Pipe	●
Diesel Exhaust Fluid Pump Module	●
Diesel Exhaust Fluid Dosing Module & Injector	●
Diesel Particulate Filter Assembly	●
Exhaust Gas Recirculation Temperature Sensor	●
Hydrocarbon Doser	●
Oxygen Sensor	●
Selective Catalytic Reduction Assembly	●
Select Diesel Particulate Filter and Selective Catalytic Reduction Sensors	●

Aftertreatment Plan optional with PACCAR Premium Plan and PACCAR Protection Plan 1 (Not Available with Protection Plan 2)

PACCAR Inc.
P.O. Box 1518
Bellevue, WA 98009

PACCAR POWERTRAIN

Terms and Conditions: PACCAR Engine extended warranty plans can be purchased in yearly and 100,000 mile (160,000 KM) increments. Plan coverage durations and mileages vary with engine horsepower and intended service. Consult with your PACCAR Engine dealer at time of ordering for details. This document is to be considered a summary of coverages and to be used for reference only and is not a binding document. For full warranty coverage details, the respective legal document should be referenced.

* Select components classified as Emission Related Parts by the U.S. Environmental Protection Agency are covered to 5 years/100,000 miles.



Company ID Number: 466450

by the Privacy Act (5 U.S.C. § 552a), the Social Security Act (42 U.S.C. 1306(a)), and SSA regulations (20 CFR Part 401).

4. SSA agrees to provide a means of automated verification that is designed (in conjunction with DHS's automated system if necessary) to provide confirmation or tentative nonconfirmation of U.S. citizens' employment eligibility within 3 Federal Government work days of the initial inquiry.

5. SSA agrees to provide a means of secondary verification (including updating SSA records as may be necessary) for employees who contest SSA tentative nonconfirmations that is designed to provide final confirmation or nonconfirmation of U.S. citizens' employment eligibility and accuracy of SSA records for both citizens and non-citizens within 10 Federal Government work days of the date of referral to SSA, unless SSA determines that more than 10 days may be necessary. In such cases, SSA will provide additional verification instructions.

B. RESPONSIBILITIES OF DHS

1. After SSA verifies the accuracy of SSA records for employees through E-Verify, DHS agrees to provide the Employer access to selected data from DHS's database to enable the Employer to conduct, to the extent authorized by this MOU:

- Automated verification checks on employees by electronic means, and
- Photo verification checks (when available) on employees.

2. DHS agrees to provide to the Employer appropriate assistance with operational problems that may arise during the Employer's participation in the E-Verify program. DHS agrees to provide the Employer names, titles, addresses, and telephone numbers of DHS representatives to be contacted during the E-Verify process.

3. DHS agrees to make available to the Employer at the E-Verify Web site and on the E-Verify Web browser, instructional materials on E-Verify policies, procedures and requirements for both SSA and DHS, including restrictions on the use of E-Verify. DHS agrees to provide training materials on E-Verify.

4. DHS agrees to provide to the Employer a notice, which indicates the Employer's participation in the E-Verify program. DHS also agrees to provide to the Employer anti-discrimination notices issued by the Office of Special Counsel for Immigration-Related Unfair Employment Practices (OSC), Civil Rights Division, U.S. Department of Justice.

5. DHS agrees to issue the Employer a user identification number and password that permits the Employer to verify information provided by employees with DHS's database.

6. DHS agrees to safeguard the information provided to DHS by the Employer, and to limit access to such information to individuals responsible for the verification of employees' employment eligibility and for evaluation of the E-Verify program, or to such other persons or entities as may be authorized by applicable law. Information will be used only to verify the accuracy of Social Security Numbers and employment eligibility, to enforce the Immigration and

Company ID Number: 466450

Nationality Act (INA) and Federal criminal laws, and to administer Federal contracting requirements.

7. DHS agrees to provide a means of automated verification that is designed (in conjunction with SSA verification procedures) to provide confirmation or tentative nonconfirmation of employees' employment eligibility within 3 Federal Government work days of the initial inquiry.

8. DHS agrees to provide a means of secondary verification (including updating DHS records as may be necessary) for employees who contest DHS tentative nonconfirmations and photo non-match tentative nonconfirmations that is designed to provide final confirmation or nonconfirmation of the employees' employment eligibility within 10 Federal Government work days of the date of referral to DHS, unless DHS determines that more than 10 days may be necessary. In such cases, DHS will provide additional verification instructions.

C. RESPONSIBILITIES OF THE EMPLOYER

1. The Employer agrees to display the notices supplied by DHS in a prominent place that is clearly visible to prospective employees and all employees who are to be verified through the system.

2. The Employer agrees to provide to the SSA and DHS the names, titles, addresses, and telephone numbers of the Employer representatives to be contacted regarding E-Verify.

3. The Employer agrees to become familiar with and comply with the most recent version of the E-Verify User Manual.

4. The Employer agrees that any Employer Representative who will perform employment verification queries will complete the E-Verify Tutorial before that individual initiates any queries.

A. The Employer agrees that all Employer representatives will take the refresher tutorials initiated by the E-Verify program as a condition of continued use of E-Verify.

B. Failure to complete a refresher tutorial will prevent the Employer from continued use of the program.

5. The Employer agrees to comply with current Form I-9 procedures, with two exceptions:

- If an employee presents a "List B" identity document, the Employer agrees to only accept "List B" documents that contain a photo. (List B documents identified in 8 C.F.R. § 274a.2(b)(1)(B)) can be presented during the Form I-9 process to establish identity.) If an employee objects to the photo requirement for religious reasons, the Employer should contact E-Verify at 888-464-4218.

- If an employee presents a DHS Form I-551 (Permanent Resident Card) or Form I-766 (Employment Authorization Document) to complete the Form I-9, the Employer agrees to make a photocopy of the document and to retain the photocopy with the employee's Form I-9. The photocopy must be of sufficient quality to allow for verification of the photo



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and written information. The employer will use the photocopy to verify the photo and to assist DHS with its review of photo non-matches that are contested by employees. Note that employees retain the right to present any List A, or List B and List C, documentation to complete the Form I-9. DHS may in the future designate other documents that activate the photo screening tool.

6. The Employer understands that participation in E-Verify does not exempt the Employer from the responsibility to complete, retain, and make available for inspection Forms I-9 that relate to its employees, or from other requirements of applicable regulations or laws, including the obligation to comply with the antidiscrimination requirements of section 274B of the INA with respect to Form I-9 procedures, except for the following modified requirements applicable by reason of the Employer's participation in E-Verify: (1) identity documents must have photos, as described in paragraph 5 above; (2) a rebuttable presumption is established that the Employer has not violated section 274A(a)(1)(A) of the Immigration and Nationality Act (INA) with respect to the hiring of any individual if it obtains confirmation of the identity and employment eligibility of the individual in good faith compliance with the terms and conditions of E-Verify; (3) the Employer must notify DHS if it continues to employ any employee after receiving a final nonconfirmation, and is subject to a civil money penalty between \$550 and \$1,100 for each failure to notify DHS of continued employment following a final nonconfirmation; (4) the Employer is subject to a rebuttable presumption that it has knowingly employed an unauthorized alien in violation of section 274A(a)(1)(A) if the Employer continues to employ an employee after receiving a final nonconfirmation; and (5) no person or entity participating in E-Verify is civilly or criminally liable under any law for any action taken in good faith based on information provided through the confirmation system. DHS reserves the right to conduct Form I-9 and E-Verify system compliance inspections during the course of E-Verify, as well as to conduct any other enforcement activity authorized by law.

7. The Employer agrees to initiate E-Verify verification procedures for new employees within 3 Employer business days after each employee has been hired (but after the Form I-9 has been completed), and to complete as many (but only as many) steps of the E-Verify process as are necessary according to the E-Verify User Manual, or in the case of Federal contractors with the FAR E-Verify clause, the E-Verify User Manual for Federal Contractors. The Employer is prohibited from initiating verification procedures before the employee has been hired and the Form I-9 completed. If the automated system to be queried is temporarily unavailable, the 3-day time period is extended until it is again operational in order to accommodate the Employer's attempting, in good faith, to make inquiries during the period of unavailability. Employers may initiate verification by notating the Form I-9 in circumstances where the employee has applied for a Social Security Number (SSN) from the SSA and is waiting to receive the SSN, provided that the Employer performs an E-Verify employment verification query using the employee's SSN as soon as the SSN becomes available.

8. The Employer agrees not to use E-Verify procedures for pre-employment screening of job applicants, in support of any unlawful employment practice, or for any other use not authorized by this MOU. Employers must use E-Verify for all new employees, unless an Employer is a Federal contractor that qualifies for the exceptions described in Article II.D.1.c. Except as provided in Article II.D, the Employer will not verify selectively and will not verify employees hired before the effective date of this MOU. The Employer understands that if the Employer

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uses the E-Verify system for any purpose other than as authorized by this MOU, the Employer may be subject to appropriate legal action and termination of its access to SSA and DHS information pursuant to this MOU.

9. The Employer agrees to follow appropriate procedures (see Article III. below) regarding tentative nonconfirmations, including notifying employees in private of the finding and providing them written notice of the findings, providing written referral instructions to employees, allowing employees to contest the finding, and not taking adverse action against employees if they choose to contest the finding. Further, when employees contest a tentative nonconfirmation based upon a photo non-match, the Employer is required to take affirmative steps (see Article III.B. below) to contact DHS with information necessary to resolve the challenge.

10. The Employer agrees not to take any adverse action against an employee based upon the employee's perceived employment eligibility status while SSA or DHS is processing the verification request unless the Employer obtains knowledge (as defined in 8 C.F.R. § 274a.1(l)) that the employee is not work authorized. The Employer understands that an initial inability of the SSA or DHS automated verification system to verify work authorization, a tentative nonconfirmation, a case in continuance (indicating the need for additional time for the government to resolve a case), or the finding of a photo non-match, does not establish, and should not be interpreted as evidence, that the employee is not work authorized. In any of the cases listed above, the employee must be provided a full and fair opportunity to contest the finding, and if he or she does so, the employee may not be terminated or suffer any adverse employment consequences based upon the employee's perceived employment eligibility status (including denying, reducing, or extending work hours, delaying or preventing training, requiring an employee to work in poorer conditions, refusing to assign the employee to a Federal contract or other assignment, or otherwise subjecting an employee to any assumption that he or she is unauthorized to work) until and unless secondary verification by SSA or DHS has been completed and a final nonconfirmation has been issued. If the employee does not choose to contest a tentative nonconfirmation or a photo non-match or if a secondary verification is completed and a final nonconfirmation is issued, then the Employer can find the employee is not work authorized and terminate the employee's employment. Employers or employees with questions about a final nonconfirmation may call E-Verify at 1-888-464-4218 or OSC at 1-800-255-8155 or 1-800-237-2515 (TDD).

11. The Employer agrees to comply with Title VII of the Civil Rights Act of 1964 and section 274B of the INA, as applicable, by not discriminating unlawfully against any individual in hiring, firing, or recruitment or referral practices because of his or her national origin or, in the case of a protected individual as defined in section 274B(a)(3) of the INA, because of his or her citizenship status. The Employer understands that such illegal practices can include selective verification or use of E-Verify except as provided in part D below, or discharging or refusing to hire employees because they appear or sound "foreign" or have received tentative nonconfirmations. The Employer further understands that any violation of the unfair immigration-related employment practices provisions in section 274B of the INA could subject the Employer to civil penalties, back pay awards, and other sanctions, and violations of Title VII could subject the Employer to back pay awards, compensatory and punitive damages. Violations of either section 274B of the INA or Title VII may also lead to the termination of its participation in E-



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Verify. If the Employer has any questions relating to the anti-discrimination provision, it should contact OSC at 1-800-255-8155 or 1-800-237-2515 (TDD).

12. The Employer agrees to record the case verification number on the employee's Form I-9 or to print the screen containing the case verification number and attach it to the employee's Form I-9.

13. The Employer agrees that it will use the information it receives from SSA or DHS pursuant to E-Verify and this MOU only to confirm the employment eligibility of employees as authorized by this MOU. The Employer agrees that it will safeguard this information, and means of access to it (such as PINS and passwords) to ensure that it is not used for any other purpose and as necessary to protect its confidentiality, including ensuring that it is not disseminated to any person other than employees of the Employer who are authorized to perform the Employer's responsibilities under this MOU, except for such dissemination as may be authorized in advance by SSA or DHS for legitimate purposes.

14. The Employer acknowledges that the information which it receives from SSA is governed by the Privacy Act (5 U.S.C. § 552a(i)(1) and (3)) and the Social Security Act (42 U.S.C. 1306(a)), and that any person who obtains this information under false pretenses or uses it for any purpose other than as provided for in this MOU may be subject to criminal penalties.

15. The Employer agrees to cooperate with DHS and SSA in their compliance monitoring and evaluation of E-Verify, including by permitting DHS and SSA, upon reasonable notice, to review Forms I-9 and other employment records and to interview it and its employees regarding the Employer's use of E-Verify, and to respond in a timely and accurate manner to DHS requests for information relating to their participation in E-Verify.

D. RESPONSIBILITIES OF FEDERAL CONTRACTORS WITH THE FAR E-VERIFY CLAUSE

1. The Employer understands that if it is a subject to the employment verification terms in Subpart 22.18 of the FAR, it must verify the employment eligibility of any existing employee assigned to the contract and all new hires, as discussed in the Supplemental Guide for Federal Contractors. Once an employee has been verified through E-Verify by the Employer, the Employer may not reverify the employee through E-Verify.

a. Federal contractors with the FAR E-Verify clause agree to become familiar with and comply with the most recent versions of the E-Verify User Manual for Federal Contractors and the E-Verify Supplemental Guide for Federal Contractors.

b. Federal contractors with the FAR E-Verify clause agree to complete a tutorial for Federal contractors with the FAR E-Verify clause.

c. Federal contractors with the FAR E-Verify clause not enrolled at the time of contract award: An Employer that is not enrolled in E-Verify at the time of a contract award must enroll as a Federal contractor with the FAR E-Verify clause in E-Verify within 30 calendar days of contract award and, within 90 days of enrollment, begin to use E-Verify to initiate verification of employment eligibility of new hires of the Employer who are working in the United States,



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whether or not assigned to the contract. Once the Employer begins verifying new hires, such verification of new hires must be initiated within 3 business days after the date of hire. Once enrolled in E-Verify as a Federal contractor with the FAR E-Verify clause, the Employer must initiate verification of employees assigned to the contract within 90 calendar days from the time of enrollment in the system and after the date and selecting which employees will be verified in E-Verify or within 30 days of an employee's assignment to the contract, whichever date is later.

d. Employers that are already enrolled in E-Verify at the time of a contract award but are not enrolled in the system as a Federal contractor with the FAR E-Verify clause: Employers enrolled in E-Verify for 90 days or more at the time of a contract award must use E-Verify to initiate verification of employment eligibility for new hires of the Employer who are working in the United States, whether or not assigned to the contract, within 3 business days after the date of hire. Employers enrolled in E-Verify as other than a Federal contractor with the FAR E-Verify clause, must update E-Verify to indicate that they are a Federal contractor with the FAR E-Verify clause within 30 days after assignment to the contract. If the Employer is enrolled in E-Verify for 90 calendar days or less at the time of contract award, the Employer must, within 90 days of enrollment, begin to use E-Verify to initiate verification of new hires of the contractor who are working in the United States, whether or not assigned to the contract. Such verification of new hires must be initiated within 3 business days after the date of hire. An Employer enrolled as a Federal contractor with the FAR E-Verify clause in E-Verify must initiate verification of each employee assigned to the contract within 90 calendar days after date of contract award or within 30 days after assignment to the contract, whichever is later.

e. Institutions of higher education, State, local and tribal governments and sureties: Federal contractors with the FAR E-Verify clause that are institutions of higher education (as defined at 20 U.S.C. 1001(a)), State or local governments, governments of Federally recognized Indian tribes, or sureties performing under a takeover agreement entered into with a Federal agency pursuant to a performance bond may choose to only verify new and existing employees assigned to the Federal contract. Such Federal contractors with the FAR E-Verify clause may, however, elect to verify all new hires, and/or all existing employees hired after November 6, 1986. The provisions of Article II.D, paragraphs 1.a and 1.b of this MOU providing timeframes for initiating employment verification of employees assigned to a contract apply to such institutions of higher education, State, local and tribal governments, and sureties.

f. Verification of all employees: Upon enrollment, Employers who are Federal contractors with the FAR E-Verify clause may elect to verify employment eligibility of all existing employees working in the United States who were hired after November 6, 1986, instead of verifying only new employees and those existing employees assigned to a covered Federal contract. After enrollment, Employers must elect to do so only in the manner designated by DHS and initiate E-Verify verification of all existing employees within 180 days after the election.

g. Form I-9 procedures for existing employees of Federal contractors with the FAR E-Verify clause: Federal contractors with the FAR E-Verify clause may choose to complete new Forms I-9 for all existing employees other than those that are completely exempt from this process. Federal contractors with the FAR E-Verify clause may also update previously completed Forms I-9 to initiate E-Verify verification of existing employees who are not completely exempt as long as that Form I-9 is complete (including the SSN), complies with



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Article II.C.5, the employee's work authorization has not expired, and the Employer has reviewed the information reflected in the Form I-9 either in person or in communications with the employee to ensure that the employee's stated basis in section 1 of the Form I-9 for work authorization has not changed (including, but not limited to, a lawful permanent resident alien having become a naturalized U.S. citizen). If the Employer is unable to determine that the Form I-9 complies with Article II.C.5, if the employee's basis for work authorization as attested in section 1 has expired or changed, or if the Form I-9 contains no SSN or is otherwise incomplete, the Employer shall complete a new I-9 consistent with Article II.C.5, or update the previous I-9 to provide the necessary information. If section 1 of the Form I-9 is otherwise valid and up-to-date and the form otherwise complies with Article II.C.5, but reflects documentation (such as a U.S. passport or Form I-551) that expired subsequent to completion of the Form I-9, the Employer shall not require the production of additional documentation, or use the photo screening tool described in Article II.C.5, subject to any additional or superseding instructions that may be provided on this subject in the Supplemental Guide for Federal Contractors. Nothing in this section shall be construed to require a second verification using E-Verify of any assigned employee who has previously been verified as a newly hired employee under this MOU, or to authorize verification of any existing employee by any Employer that is not a Federal contractor with the FAR E-Verify clause.

2. The Employer understands that if it is a Federal contractor with the FAR E-Verify clause, its compliance with this MOU is a performance requirement under the terms of the Federal contract or subcontract, and the Employer consents to the release of information relating to compliance with its verification responsibilities under this MOU to contracting officers or other officials authorized to review the Employer's compliance with Federal contracting requirements.

ARTICLE III

REFERRAL OF INDIVIDUALS TO SSA AND DHS

A. REFERRAL TO SSA

1. If the Employer receives a tentative nonconfirmation issued by SSA, the Employer must print the notice as directed by the E-Verify system and provide it to the employee so that the employee may determine whether he or she will contest the tentative nonconfirmation. The Employer must review the tentative nonconfirmation with the employee in private.

2. The Employer will refer employees to SSA field offices only as directed by the automated system based on a tentative nonconfirmation, and only after the Employer records the case verification number, reviews the input to detect any transaction errors, and determines that the employee contests the tentative nonconfirmation. The Employer will transmit the Social Security Number to SSA for verification again if this review indicates a need to do so. The Employer will determine whether the employee contests the tentative nonconfirmation as soon as possible after the Employer receives it.

3. If the employee contests an SSA tentative nonconfirmation, the Employer will provide the employee with a system-generated referral letter and instruct the employee to visit an SSA office within 8 Federal Government work days. SSA will electronically transmit the result of the referral to the Employer within 10 Federal Government work days of the referral unless it



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determines that more than 10 days is necessary. The Employer agrees to check the E-Verify system regularly for case updates.

4. The Employer agrees not to ask the employee to obtain a printout from the Social Security Number database (the Numident) or other written verification of the Social Security Number from the SSA.

B. REFERRAL TO DHS

1. If the Employer receives a tentative nonconfirmation issued by DHS, the Employer must print the tentative nonconfirmation notice as directed by the E-Verify system and provide it to the employee so that the employee may determine whether he or she will contest the tentative nonconfirmation. The Employer must review the tentative nonconfirmation with the employee in private.

2. If the Employer finds a photo non-match for an employee who provides a document for which the automated system has transmitted a photo, the employer must print the photo non-match tentative nonconfirmation notice as directed by the automated system and provide it to the employee so that the employee may determine whether he or she will contest the finding. The Employer must review the tentative nonconfirmation with the employee in private.

3. The Employer agrees to refer individuals to DHS only when the employee chooses to contest a tentative nonconfirmation received from DHS automated verification process or when the Employer issues a tentative nonconfirmation based upon a photo non-match. The Employer will determine whether the employee contests the tentative nonconfirmation as soon as possible after the Employer receives it.

4. If the employee contests a tentative nonconfirmation issued by DHS, the Employer will provide the employee with a referral letter and instruct the employee to contact DHS through its toll-free hotline (as found on the referral letter) within 8 Federal Government work days.

5. If the employee contests a tentative nonconfirmation based upon a photo non-match, the Employer will provide the employee with a referral letter to DHS. DHS will electronically transmit the result of the referral to the Employer within 10 Federal Government work days of the referral unless it determines that more than 10 days is necessary. The Employer agrees to check the E-Verify system regularly for case updates.

6. The Employer agrees that if an employee contests a tentative nonconfirmation based upon a photo non-match, the Employer will send a copy of the employee's Form I-551 or Form I-766 to DHS for review by:

- Scanning and uploading the document, or
- Sending a photocopy of the document by an express mail account (paid for at employer expense).

7. If the Employer determines that there is a photo non-match when comparing the photocopied List B document described in Article II.C.5 with the image generated in E-Verify, the Employer must forward the employee's documentation to DHS using one of the means described in the preceding paragraph, and allow DHS to resolve the case.



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ARTICLE IV

SERVICE PROVISIONS

SSA and DHS will not charge the Employer for verification services performed under this MOU. The Employer is responsible for providing equipment needed to make inquiries. To access E-Verify, an Employer will need a personal computer with Internet access.

ARTICLE V

PARTIES

A. This MOU is effective upon the signature of all parties, and shall continue in effect for as long as the SSA and DHS conduct the E-Verify program unless modified in writing by the mutual consent of all parties, or terminated by any party upon 30 days prior written notice to the others. Any and all system enhancements to the E-Verify program by DHS or SSA, including but not limited to the E-Verify checking against additional data sources and instituting new verification procedures, will be covered under this MOU and will not cause the need for a supplemental MOU that outlines these changes. DHS agrees to train employers on all changes made to E-Verify through the use of mandatory refresher tutorials and updates to the E-Verify User Manual, the E-Verify User Manual for Federal Contractors or the E-Verify Supplemental Guide for Federal Contractors. Even without changes to E-Verify, DHS reserves the right to require employers to take mandatory refresher tutorials. An Employer that is a Federal contractor with the FAR E-Verify clause may terminate this MOU when the Federal contract that requires its participation in E-Verify is terminated or completed. In such a circumstance, the Federal contractor with the FAR E-Verify clause must provide written notice to DHS. If an Employer that is a Federal contractor with the FAR E-Verify clause fails to provide such notice, that Employer will remain a participant in the E-Verify program, will remain bound by the terms of this MOU that apply to participants that are not Federal contractors with the FAR E-Verify clause, and will be required to use the E-Verify procedures to verify the employment eligibility of all newly hired employees.

B. Notwithstanding Article V, part A of this MOU, DHS may terminate this MOU if deemed necessary because of the requirements of law or policy, or upon a determination by SSA or DHS that there has been a breach of system integrity or security by the Employer, or a failure on the part of the Employer to comply with established procedures or legal requirements. The Employer understands that if it is a Federal contractor with the FAR E-Verify clause, termination of this MOU by any party for any reason may negatively affect its performance of its contractual responsibilities.

C. Some or all SSA and DHS responsibilities under this MOU may be performed by contractor(s), and SSA and DHS may adjust verification responsibilities between each other as they may determine necessary. By separate agreement with DHS, SSA has agreed to perform its responsibilities as described in this MOU.



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D. Nothing in this MOU is intended, or should be construed, to create any right or benefit, substantive or procedural, enforceable at law by any third party against the United States, its agencies, officers, or employees, or against the Employer, its agents, officers, or employees.

E. Each party shall be solely responsible for defending any claim or action against it arising out of or related to E-Verify or this MOU, whether civil or criminal, and for any liability wherefrom, including (but not limited to) any dispute between the Employer and any other person or entity regarding the applicability of Section 403(d) of IIRIRA to any action taken or allegedly taken by the Employer.

F. The Employer understands that the fact of its participation in E-Verify is not confidential information and may be disclosed as authorized or required by law and DHS or SSA policy, including but not limited to, Congressional oversight, E-Verify publicity and media inquiries, determinations of compliance with Federal contractual requirements, and responses to inquiries under the Freedom of Information Act (FOIA).

G. The foregoing constitutes the full agreement on this subject between DHS and the Employer.

H. The individuals whose signatures appear below represent that they are authorized to enter into this MOU on behalf of the Employer and DHS respectively.



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To be accepted as a participant in E-Verify, you should only sign the Employer's Section of the signature page. If you have any questions, contact E-Verify at 888-464-4218.

Employer Kenworth of Birmingham, Inc.	
Michele Beasley	
Name (Please Type or Print)	Title
Electronically Signed	11/16/2011
Signature	Date
Department of Homeland Security – Verification Division	
USCIS Verification Division	
Name (Please Type or Print)	Title
Electronically Signed	11/16/2011
Signature	Date

Information Required for the E-Verify Program

Information relating to your Company:

Company Name:	Kenworth of Birmingham, Inc.
Company Facility Address:	2220 Finley Blvd.
	Birmingham, AL 35234
Company Alternate Address:	
County or Parish:	JEFFERSON
Employer Identification Number:	630739540



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North American Industry Classification Systems Code:	441
Administrator:	
Number of Employees:	100 to 499
Number of Sites Verified for:	1
Are you verifying for more than 1 site? If yes, please provide the number of sites verified for in each State:	
<ul style="list-style-type: none">• ALABAMA 1 site(s)	

Information relating to the Program Administrator(s) for your Company on policy questions or operational problems:

Name:	Michele Beasley	Fax Number:	(205) 909 - 4061
Telephone Number:	(205) 326 - 6170 ext. 1700		
E-mail Address:	micheleb@kenworthofalabama.com		