

# Kenworth Standard Features

## Bid Invitation #HT06-16

The following descriptions are the standard features, as pulled from the Kenworth *Prospector* dealer quotation database, for the 7-1-15 price book. Offeror shall price these complete trucks in their entirety, on Form-D, reflecting the entire complement of the base vehicle specification's standard features listed herein, as well as all normal dealer make-ready and factory-to-dealer destination charges. Except as ordered by an H-GAC member (e.g. axle upgrade, longer wheelbase, et cetera), the base units described herein and priced on Form-D shall not require any additional compulsory components, fees, or services to render them complete, functional, and legal cab-chassis. All Form-D line items shall be priced inclusive of air conditioning.

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**H-GAC Product Code: H1**  
**K270, COE, SRA**

### Vehicle Summary

#### Unit Chassis

Model: K3 Series Medium Duty

COE Fr Axle Load (lbs): 10000

Type: FULL TRUCK Rr Axle Load (lbs) 16000

Description: K270 - SRA G.C.W. (lbs): 26000

#### Application Road Conditions:

Intended Serv.: Local pickup & delivery.

Vehicles which haul Class A (Highway) 90

Commodity: General freight Class B (Hwy/Mtn) 10

Class C (Off-Hwy) 00

**Body** Class D (Off-Road) 00

Type: Van Maximum Grade: 6

Length (ft): 16.0 Wheelbase (in): 146

Height (ft): 13.5 Overhang (in): 72

Max Laden Weight (lbs): 5000 Fr Axle to BOC (in): 11

Cab to Axle (in): 135

**Trailer** Cab to EOF (in): 207

No. of Trailer Axles: Overall Comb. Length

(in): 270

Type:

Length (ft): **Special Req.**

Height (ft): U.S. Domestic Registry, 50-State

Kingpin Inset (in):

Corner Radius (in):

#### Restrictions

Length (ft):

Width (in):

Height (ft):

#### Description Weight

##### Model

**K3 Series Medium Duty COE 9,850**

**K270 Class 6 Medium Duty COE 0**

**LFNA, EURO 6, LHD, HI-HP, US REGISTRY 0**

**Dealer/Customer declines engine w/CARB Idle 0**

Emissions Reduction Feature.

**Class 6 4x2 automatic. 0**

**General freight 0**

**Local pickup & delivery. Vehicles which haul 0**

freight, typically operating within a 100-mile radius, on public streets & highways, & other paved surfaces, including limited Class C roads.

Includes package & freight delivery, as well as fuel oil or petroleum distribution, etc. Road usage: minimum 3% Class B, do not code for Class D.

**Van 0**

**U.S. Domestic Registry, 50-State 0**

**Engine & Equipment**

**PACCAR PX-7 200 2013 200@2400 195@2600 520@1600. 0**

Includes turbo exhaust brake, no code is used. Diagnostic Plug for data link, Oil Cooler, Aluminum Flywheel Housing.

N09020 P02 Yes..Cruise Control Auto Resume

N09040 P04 No...Auto Engine Brake in Cruise

N09060 P06 No...Gear Down Protection

N09100 P11 No...Engine Protection Shtdwn

N09120 P14 64...Max Vehicle Speed in Top Gear

N09140 P19 64...Max Cruise Control Speed

N09160 P26 1400.Max PTO Speed

N09180 P10 Yes..Idle Shtdwn

N09200 P32 5....Idle Shtdwn Time

N09220 P33 No...Idle Shtdwn Override

**Prospector version 36.1 0**

Supersedes previous version 36.02

**Air compressor: Cummins 18.7 CFM, Cummins, PACCAR 0**

PX engines.

**Air cleaner - Fender Mtd RH BOC 0**

**Air Intake: High 0**

**Description Weight**

**Cooling Module 0**

**Horizontal crossover DPF/SCR for PX-6/7 w/ 0**

horizontal tailpipe below LH rail.

**Fuel filter PACCAR PX-7 engines 0**

and Cummins ISB Euro 3 Unheated.

**Alternator: Bosch 160 amp, brush type 0**

only.

**Batteries: 2 PACCAR GP31 threaded post (1000) -6**

2000 CCA starting.

**Starter: Delco 12V 29MT 0**

**Battery Disconnect Switch: 1 Battery box locking 0**

**Transmission & Clutch**

**Transmission: Allison 2100HS 5-speed 0**

w/o PTO drive gear. 5th Gen controls. Includes heat exchanger. Highway Service only as defined by Allison. Transynd transmission fluid is standard on all Allison 1000, 2000, 3000 & 4000 series transmissions.

**Driveline: 2 SPL100 1 centerbearing light duty. 0**

**Torque converter included w/Allison 0**

Transmission.

**Delete Allison FuelSense 0**

**Front Axle & Equipment**

**Dana Spicer E-1202I Front Axle rated 12K 0**

derated to 10K 3-1/2in. drop.

**Front brakes included w/ front hub package. 0**

**12,000 lb. Air brake package; drum brakes, 0**

iron 10-bolt hub piloted hubs.

**12,000 lb. front spring suspension with shock 0**

absorbers

**12,000 lb. capacity single power steering gear 0**

**Rear Axle & Equipment**

**Single Dana Spicer P20060S single reduction rear 0**

axle for T300/K300 w/ air brakes. Single rear axle 20K capacity rated at 16K.

**Rear Axle Ratio - 5.29. 0**

**Single rear brakes included w/rear hub package. 0**

**21,000 lb. Air Brake Pkg includes 16.5x7 in. 0**

brakes, cast drums, iron 10-Bolt hub pilot hubs, slack adjusters & oil seals for use with 22.5 wheels.

**Spring brakes 0**

**Description Weight**

**Wabco Electronic Brake System (EBS) 0**

w/anti-lock system. 4S/4M \*FR WHL+2 GRP RR WHL. K270/K370 only.

**Rear suspension: single Reyco 79KB taperleaf 21K. 0**

Medium-duty. Unladen Height: 9 in. Laden Height: 7.5 in. Not rear air disc

brake compatible.

## **Tires & Wheels**

### **Front tires: Bridgestone R268ECOPIA 11R22.5 14PR. 0**

41.5 in. diameter, all position. F-side wall protector bar. 19.3 in. SLR. For P&D & construction vocations. Smartway certified.

### **Rear tires: Bridgestone M710ECOPIA 11R22.5 14PR. 0**

41.8 in. diameter, drive. 19.5 in. SLR. Smartway certified. Code is priced per pair of tires.

### **Rear Tire Quantity: 4 0**

### **Front wheel: Accuride 50487 22.5x8.25 steel 0**

Steel Armor[TM] powder coat, hub pilot mount. 7400lb. maximum rating. 5-hand hole. Air disc brake compatible.

### **Rear wheel: Accuride 50487 22.5x8.25 steel 0**

Steel Armor[TM] powder coat, hub pilot mount. 7400lb. maximum rating. 5-hand hole. Air disc brake compatible. Code is priced per pair of wheels.

### **Powder coat white steel wheel. Use in conjunction 0**

with front, dual front, rear, spare or lift axle wheel code(s). All wheels on chassis must have same finish color.

### **Rear Wheel/Rim Quantity: 4 0**

## **Frame & Equipment**

### **Frame Rail: 10-1/4 in. steel to 414 in. 0**

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.

### **146 inch wheelbase. 0**

### **Bumper: Steel painted gray. 0**

### **Steel space saver battery box, right hand back 0**

of cab.

### **Battery box location: RH Side. 0**

### **Square End-of-Frame without crossmember. 0**

## **Fuel Tanks & Equip**

### **Fuel Tank: 45 US gallon rectangular steel 0**

BOC replace.

### **Rectangular DEF tank. 7.5 gallons of 0**

useable volume. The tank will be located just forward of the under cab component on the side you specified. 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.

### **DEF tank location is on the LH. 0**

## **Description Weight**

### **Location: 45 gal fuel tank LH behind cab 0**

## **Cab & Equipment**

### **Steel Cab: BBC 63.4in Non-Slpr LHD With WABCO EBS 0**

Steel 63.4 in. BBC, COE, Left Hand Drive, with the following; Daycab rear window with tinted safety glass throughout, Electric windshield wipers with intermittent feature, Electric-Powered LH & RH window lifts with switch located on door pad, Heated driving mirrors LH and RH with convex mirror over RH door, High level grey interior trim, Rubber floor mats, Combo fresh air heater and air conditioner, Smartwheel - 18 in. black four-spoke soft touch steering wheel with adjustable tilt steering column, Electric horn, 12V Cigar lighter with ash tray, Driver and Passenger seats, Console mounted push button transmission controls and backwall storage. Includes WABCO EBS.

### **Heater And Air Conditioner 0**

### **Dual Scale Speedometer MPH Over KPH 0**

Includes: Speedometer with clock and outside air temperature display, Water Temperature Gauge, Fuel Level Gauge, Dual Air Pressure Gauges, DEF Level Gauge, and Visual & Audible System Warnings

### **Interior: Gray 0**

### **Drivers Seat: Sears C2 Air, High Back Fabric 0**

### **RD Seat 2 man bench Fabric 0**

Not for use with center console w/storage and 2 cup holders

### **Delete Radio. Speakers, Wiring and Antenna Only -4**

For Customer Installed Radio

### **Dual Heated and Motorized Mirrors. Includes 2 0**

convex mirrors and 1 downward looking mirror on passenger side.

**Rear Cab Stationary Window 17 in. x 36 in.** 0

**Lights & Instruments**

**Headlamps: Halogen Projector Low Beam, Halogen** 0

Complex Reflector High Beam

**Turn Signal** 0

**External Lights – Fog / Driving Lights** 0

**Combination Stop, Tail, Turn & Backup Lights RH** 0  
& LH.

**Daytime Running Lamps.** 0

**Air Equipment**

**Air Dryer: WABCO SS1200 Plus** 0

without Multi Port PPV

**Extended Warranty**

**Medium-duty Warranty: 1-year/unlimited mi.** 0

**Description Weight**

**Miscellaneous** 0

**Paint**

**Paint color number.** 0

**K270/K370 Paint Color M8870 Ice White** 0

**1 - Color Paint - Day Cab** 0

Color will be White L0006EB if no other color is specified.

Total Weight 9840

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**H-GAC Product Code: H2**  
**K370, COE, SRA**

## Vehicle Summary

### Unit Chassis

Model: K3 Series Medium Duty  
COE Fr Axle Load (lbs): 12000  
Type: FULL TRUCK Rr Axle Load (lbs) 21000  
Description: K370 - SRA G.C.W. (lbs): 33000

### Application Road Conditions:

Intended Serv.: Local pickup & delivery.  
Vehicles which haul Class A (Highway) 90  
Commodity: General freight Class B (Hwy/Mtn) 10  
Class C (Off-Hwy) 00

### Body Class D (Off-Road) 00

Type: Van Maximum Grade: 6  
Length (ft): 16.0 Wheelbase (in): 146  
Height (ft): 13.5 Overhang (in): 72  
Max Laden Weight (lbs): 5000 Fr Axle to BOC (in): 11  
Cab to Axle (in): 135

### Trailer Cab to EOF (in): 207

No. of Trailer Axles: Overall Comb. Length  
(in): 270

Type:

Length (ft): **Special Req.**

Height (ft): U.S. Domestic Registry, 50-State

Kingpin Inset (in):

Corner Radius (in):

### Restrictions

Length (ft):

Width (in):

Height (ft):

### Description Weight

#### Model

**K3 Series Medium Duty COE 9,850**

**K370 Class 7 Medium Duty COE 0**

**LFNA, EURO 6, LHD, HI-HP, US REGISTRY 0**

**Dealer/Customer declines engine w/CARB Idle 0**

Emissions Reduction Feature.

**Medium-duty 4x2 automatic. 0**

**General freight 0**

**Local pickup & delivery. Vehicles which haul 0**

freight, typically operating within a 100-mile radius, on public streets & highways, & other paved surfaces, including limited Class C roads. Includes package & freight delivery, as well as fuel oil or petroleum distribution, etc. Road usage: minimum 3% Class B, do not code for Class D.

**Van 0**

**U.S. Domestic Registry, 50-State 0**

### Engine & Equipment

**PACCAR PX-7 200 2013 200@2400 195@2600 520@1600. 0**

Includes turbo exhaust brake, no code is used. Diagnostic Plug for data link, Oil Cooler, Aluminum Flywheel Housing.

N09020 P02 Yes...Cruise Control Auto Resume

N09040 P04 No...Auto Engine Brake in Cruise

N09060 P06 No...Gear Down Protection

N09100 P11 No...Engine Protection Shtdwn

N09120 P14 64...Max Vehicle Speed in Top Gear

N09140 P19 64...Max Cruise Control Speed

N09160 P26 1400.Max PTO Speed

N09180 P10 Yes...Idle Shtdwn

N09200 P32 5....Idle Shtdwn Time

N09220 P33 No...Idle Shtdwn Override

**Prospector version 36.1 0**

Supersedes previous version 36.02

**Air compressor: Cummins 18.7 CFM, Cummins, PACCAR 0**

PX engines.

**Air cleaner - Fender Mtd RH BOC 0**

**Air Intake: High 0**

**Description Weight**

**Cooling Module 0**

**Horizontal crossover DPF/SCR for PX-6/7 w/ 0**

horizontal tailpipe below LH rail.

**Fuel filter PACCAR PX-7 engines 0**

and Cummins ISB Euro 3 Unheated.

**Alternator: Bosch 160 amp, brush type 0**

only.

**Batteries: 2 PACCAR GP31 threaded post (1000) -6**

2000 CCA starting.

**Starter: Delco 12V 29MT 0**

**Battery Disconnect Switch: 1 Battery box locking 0**

**Transmission & Clutch**

**Transmission: Allison 2100HS 5-speed 0**

w/o PTO drive gear. 5th Gen controls. Includes heat exchanger. Highway Service only as defined by Allison. Transynd transmission fluid is standard on all Allison 1000, 2000, 3000 & 4000 series transmissions.

**Driveline: 2 SPL100 1 centerbearing light duty. 0**

**Torque converter included w/Allison 0**

Transmission.

**Delete Allison FuelSense 0**

**Front Axle & Equipment**

**Dana Spicer E-1202I Front Axle rated 12K 0**

3-1/2in. drop.

**Front brakes included w/ front hub package. 0**

**12,000 lb. Air brake package; drum brakes, 0**

iron 10-bolt hub piloted hubs.

**12,000 lb. front spring suspension with shock 0**

absorbers

**12,000 lb. capacity single power steering gear 0**

**Rear Axle & Equipment**

**Single Dana Spicer P22060S single reduction rear 0**

axle. T300/K300: use with/air brakes. Single rear axle 22K capacity rated at 21K.

**Rear Axle Ratio - 5.29. 0**

**Single rear brakes included w/rear hub package. 0**

**21,000 lb. Air Brake Pkg includes 16.5x7 in. 0**

brakes, cast drums, iron 10-Bolt hub pilot hubs, slack adjusters & oil seals for use with 22.5 wheels.

**Spring brakes 0**

**Description Weight**

**Wabco Electronic Brake System (EBS) 0**

w/anti-lock system. 4S/4M \*FR WHL+2 GRP RR WHL. K270/K370 only.

**Rear suspension: single Reyco 79KB taperleaf 21K. 0**

Medium-duty. Unladen Height: 9 in. Laden Height: 7.5 in. Not rear air disc brake compatible.

**Tires & Wheels**

**Front tires: Bridgestone R268ECOPIA 11R22.5 14PR. 0**

41.5 in. diameter, all position. F-side wall protector bar. 19.3 in. SLR. For P&D & construction vocations. Smartway certified.

**Rear tires: Bridgestone M710ECOPIA 11R22.5 14PR. 0**

41.8 in. diameter, drive. 19.5 in. SLR. Smartway certified. Code is priced per pair of tires.

**Rear Tire Quantity: 4 0**

**Front wheel: Accuride 50487 22.5x8.25 steel 0**

Steel Armor[TM] powder coat, hub pilot mount. 7400lb. maximum rating. 5-hand hole. Air disc brake compatible.

**Rear wheel: Accuride 50487 22.5x8.25 steel 0**

Steel Armor[TM] powder coat, hub pilot mount. 7400lb. maximum rating. 5-

hand hole. Air disc brake compatible. Code is priced per pair of wheels.

**Powder coat white steel wheel. Use in conjunction 0**

with front, dual front, rear, spare or lift axle wheel code(s). All wheels on chassis must have same finish color.

**Rear Wheel/Rim Quantity: 4 0**

**Frame & Equipment**

**Frame Rail: 10-1/4 in. steel to 414 in. 0**

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.

**146 inch wheelbase. 0**

**Bumper: Steel painted gray. 0**

**Steel space saver battery box, right hand back 0**  
of cab.

**Battery box location: RH Side. 0**

**Square End-of-Frame without crossmember. 0**

**Fuel Tanks & Equip**

**Fuel Tank: 45 US gallon rectangular steel 0**

BOC replace.

**Rectangular DEF tank. 7.5 gallons of 0**

useable volume. The tank will be located just forward of the under cab component on the side you specified. 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.

**DEF tank location is on the LH. 0**

**Description Weight**

**Location: 45 gal fuel tank LH behind cab 0**

**Cab & Equipment**

**Steel Cab: BBC 63.4in Non-Slpr LHD With WABCO EBS 0**

Steel 63.4 in. BBC, COE, Left Hand Drive, with the following; Daycab rear window with tinted safety glass throughout, Electric windshield wipers with intermittent feature, Electric-Powered LH & RH window lifts with switch located on door pad, Heated driving mirrors LH and RH with convex mirror over RH door, High level grey interior trim, Rubber floor mats, Combo fresh air heater and air conditioner, Smartwheel - 18 in. black four-spoke soft touch steering wheel with adjustable tilt steering column, Electric horn, 12V Cigar lighter with ash tray, Driver and Passenger seats, Console mounted push button transmission controls and backwall storage. Includes WABCO EBS.

**Heater And Air Conditioner 0**

**Dual Scale Speedometer MPH Over KPH 0**

Includes: Speedometer with clock and outside air temperature display, Water Temperature Gauge, Fuel Level Gauge, Dual Air Pressure Gauges, DEF Level Gauge, and Visual & Audible System Warnings

**Interior: Gray 0**

**Drivers Seat: Sears C2 Air, High Back Fabric 0**

**RD Seat 2 man bench Fabric 0**

Not for use with center console w/storage and 2 cup holders

**Delete Radio. Speakers, Wiring and Antenna Only -4**

For Customer Installed Radio

**Dual Heated and Motorized Mirrors. Includes 2 0**

convex mirrors and 1 downward looking mirror on passenger side.

**Rear Cab Stationary Window 17 in. x 36 in. 0**

**Lights & Instruments**

**Headlamps: Halogen Projector Low Beam, Halogen 0**

Complex Reflector High Beam

**Turn Signal 0**

**External Lights – Fog / Driving Lights 0**

**Combination Stop, Tail, Turn & Backup Lights RH 0**  
& LH.

**Daytime Running Lamps. 0**

**Air Equipment**

**Air Dryer: WABCO SS1200 Plus 0**

without Multi Port PPV

**Extended Warranty**  
**Medium-duty Warranty: 1-year/unlimited mi.** 0  
**Description Weight**  
**Miscellaneous** 0  
**Paint**  
**Paint color number.** 0  
**K270/K370 Paint Color M8870 Ice White** 0  
**1 - Color Paint - Day Cab** 0  
Color will be White L0006EB if no other color is specified.  
Total Weight 9840

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**H-GAC Product Code: H3**  
**T300-170, Conv. Cab, SBFA, SRA**

## Vehicle Summary

### Unit Chassis

Model: T300 Series Conventional. Fr Axle Load (lbs): 7280

Type: FULL TRUCK Rr Axle Load (lbs) 11500

Description: T300-170 - SRA G.C.W. (lbs): 16000

### Application Road Conditions:

Intended Serv.: Local pickup & delivery.

Vehicles which haul Class A (Highway) 90

Commodity: General freight Class B (Hwy/Mtn) 10

Class C (Off-Hwy) 00

**Body** Class D (Off-Road) 00

Type: Van Maximum Grade: 6

Length (ft): 10.0 Wheelbase (in): 206

Height (ft): 12.0 Overhang (in): 58

Max Laden Weight (lbs): 4000 Fr Axle to BOC (in): 68

Cab to Axle (in): 138

**Trailer** Cab to EOF (in): 196

No. of Trailer Axles: 0 Overall Comb. Length

(in): 305

Type:

Length (ft): 0.0 **Special Req.**

Height (ft): 0.0 U.S. Domestic Registry, 50-State

Kingpin Inset (in): 0

Corner Radius (in): 0

### Restrictions

Length (ft): 120

Width (in): 102

Height (ft): 13.5

### Description Weight

#### Model

**T300 Series Conventional. 9,764**

Electric Door locks LH/RH; Ignition & doors keyed alike; Single electric horn; Single-piece windshield; Electric windshield wipers, 2-speed plus intermittent; Electric windshield washers; Steering wheel 18in. 4-spoke; Glovebox door with locking latch; Dash-mounted cruise control with switches; Turn signal switch with column-mounted dimmer; Standard dash panels include gray w/ burl wood accents; Slate Gray interior primary color; Dark Slate Gray seat color; Floor mat; Inside sunvisor, LH/RH; Door courtesy lights; Under-dash center console with 1 cup holder, 1 ashtray & 1 lighter.

**T170 Class 5: medium-duty Conventional. 0**

**CARB Idle Emissions Reduction Feature for PX-7 0**

and PX-9

**Class 5 4x2 manual. 0**

**General freight 0**

**Local pickup & delivery. Vehicles which haul 0**

freight, typically operating within a 100-mile radius, on public streets & highways, & other paved surfaces, including limited Class C roads.

Includes package & freight delivery, as well as fuel oil or petroleum distribution, etc. Road usage: minimum 3% Class B, do not code for Class D.

**Van 0**

**U.S. Domestic Registry, 50-State 0**

### Engine & Equipment

**PACCAR PX-7 200 2013 200@2400 195@2600 520@1600. 0**

Includes turbo exhaust brake, no code is used. Diagnostic Plug for data link, Oil Cooler, Aluminum Flywheel Housing.

N09200 N205 120..Standard Maximum Speed Limit [LSL]

N09220 N207 0....Expiration Distance

N09240 P09 120...Hard Maximum Speed Limit  
N09260 P14 64...Maximum Accelerator Pedal Vehicle Speed  
N09280 P16 0....Accelerator Lower Droop  
N09300 P19 64...Maximum Cruise Speed  
N09320 C143 0....Cruise Control Lower Droop  
N09360 N203 252...Reserve Speed Function Reset Distance  
N09380 N202 0....Maximum Cycle Distance  
N09400 N206 10...Maximum Active Distance  
N09420 N201 0....Reserve Speed Limit Offset

#### **Description Weight**

N09440 P11 No...Engine Protection Shutdown  
N09460 P06 No...Gear Down Protection  
N09480 P26 1400.Max PTO Speed  
N09500 P02 No...Cruise Control Auto Resume  
N09520 P04 No...Auto Engine Brake in Cruise  
N09540 N209 0....Expiration Distance  
N09560 P520 Yes..Enable Idle Shutdown Park Brake Set  
N09580 P32 5....Timer Setting  
N09600 P233 Yes..Enable Impending Shutdown Warning  
N09620 P234 60...Timer For Impending Shutdown Warning  
N09640 P516 35...Engine Load Threshold  
N09680 P33 No...Idle Shutdown Manual Override  
N09720 P230 Yes..Enable Hot Ambient Automatic Override  
N09740 P46 40...Low Ambient Temperature Threshold  
N09760 P56 60...Intermediate Ambient Temperature Threshold  
N09780 P47 80...High Ambient Temperature Threshold

#### **Prospector version 36.1 0**

Supersedes previous version 36.02

#### **T300: 4x2 truck w/hydraulic brakes. 0**

#### **Effective VSL Setting NA 0**

#### **Engine Idle Shutdown Timer Disabled 0**

#### **Eff EIST NA Expiration Miles 0**

Use only with MX and Cummins engines

#### **Delete air compressor for hydraulic brakes. 0**

**Air Cleaner: Dry-type firewall mounted w/filter 0**  
restriction indicator.

#### **Fan Hub: Horton On/Off for PX-7 0**

#### **Cooling module: 1000 square inches 0**

T170/T270/T370/T470. Includes metal surge tank on T170/T270/T370.

#### **Horizontal series DPF/SCR for PX-7 with 0**

horizontal tailpipe below RH rail back of cab.

#### **Fuel filter PACCAR PX-7 engines 0**

and Cummins ISB Euro 3 Unheated.

#### **Alternator: 160 amp brush type T3 0**

#### **Batteries: 2 PACCAR GP31 threaded post (700) 1400 0**

CCA dual purpose.

12-VOLT LIGHT SYSTEM W/CIRCUIT PROTECTION

#### **Starter: PACCAR 12 volt electrical system. W/ 0**

centralized power distribution incorporating plug-in style relays. Circuit protection for serviceability, 12-volt light system w/circuit protection circuits number & color coded.

#### **Transmission & Clutch**

#### **Transmission: Eaton Fuller FS5406A 6-spd 0**

synchro. \*Torque Limit: 560 pound-feet.

#### **Description Weight**

#### **Clutch: ceramic to 605 lb-ft 14 in. Fuller. 0**

Includes manual adjusting clutch cover, extended grease fitting for clutch bearing and cross shaft, and synthetic lubricant for the transmission.

#### **Driveline: 2 SPL100 1 centerbearing light duty -24**

T170 only.

#### **Front Axle & Equipment**

#### **Dana Spicer D800F Front Axle rated 8K -100**

3-1/2in. drop, hydraulic brakes.

#### **Front brakes included w/ front hub package for 0**

hydraulic brakes only. Brakes included w/ front hub package hydraulic brakes only.

**Front Brake: 8,000 lb. hydraulic brake package -111**

2x66mm. disc brakes, rotors, iron 8-bolt hub pilot hubs, hub caps, oil seals & dust shields. For use w/ 19.5 x 6.75in. wheels.

**Front Springs: Taperleaf 8K w/ shock absorbers -14**

for use on 2010+ T170 chassis only.

**Single power steering gear: 8K for hydraulic -23**  
brakes.**Rear Axle & Equipment****Single Dana Spicer S14-110 single reduction rear -226**

axle for T170 w/ hydraulic brakes. Single rear axle 13.5K capacity rated at 11.5K.

**Rear Axle Ratio - 4.10. 0****Single rear brakes included w/rear hub package 0**

for hydraulic brakes only.

**18K hydraulic brake package includes -171**

2x66 mm. disc brakes, rotors, iron 8-bolt hub pilot hubs, hub caps, oil seals and dust shields for use w/ 19.5 x 6.75 in. wheels.

**Bosch Parking Brake 3x12 in. high lever actuated. 0**

Axle mounted for medium duty.

**Meritor WABCO 4S/4M anti-lock brake system. 0**

T300: w/ hydraulic brakes only. K300 all configurations.

**Rear suspension: single Reyco 79KB taperleaf 0**

13.5K. Medium-duty. Unladen height: 7.8 in. Laden height: 6.2 in. Not rear air disc brake compatible.

**Tires & Wheels****Front tires: Bridgestone R250F 225/70R19.5 12PR. -111**

32.2 in. diameter, all position. 15 in. SLR. T170 only.

**Rear tires: Bridgestone R250F 225/70R19.5 12PR. -222**

32.2 in. diameter, all position. 15 in. SLR. T170 only.

**Rear Tire Quantity: 4 0****Front wheel: Accuride 50180 19.5x6.75 steel -18**

Steel Armor[TM] powder coat, hub pilot mount. 8-bolt hub pilot mount. 5000lb. maximum rating.

**Description Weight****Rear wheel: Accuride 50180 19.5x6.75 steel white -36**

powder coat, 8-bolt hub pilot mount. 5000lb. maximum rating.

**Powder coat white steel wheel. Use in conjunction 0**

with front, dual front, rear, spare or lift axle wheel code(s). All wheels on chassis must have same finish color.

**Rear Wheel/Rim Quantity: 4 0****Frame & Equipment****Frame Rails: 9-7/8 x 1/4 steel to 308 in. -49**

Truck frame weight is 2.10 lb.-in. per pair of rails. Section modulus is 10 cu in, RBM is 1,254,767 lbs. per rail. 120,000 PSI. Heat treated. 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.

**Bumper: Steel painted gray. 0****40.9 in. Bumper setting. Requires a bumper code. 0****Front mudflaps. 0****Battery box: Steel parallel under cab w/ABS cover -92****Battery box location: LH Side. 0****Square end-of-frame w/ o crossmember; non-towing. 0****Fuel Tanks & Equip****Fuel Tank: 45 US gallon, rectangular steel with 0**

step under replacement.

**Rectangular DEF tank. 7.5 gallons of 0**

useable volume. The tank will be located just forward of the under cab component on the side you specified. 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.

**Standard DEF to fuel fill ratio: 2:1 or greater. 0**

**DEF tank location is on the RH. 0**

**Location: 45 gal fuel tank RH under cab 0**

**Cab & Equipment**

**Cab: Curved Glass Conventional. 0**

Cab Includes aluminum & fiberglass fully hucked cab w/ all aluminum bulkhead doors & continuous stainless steel piano-style door hinges. Single electric horn standard. Incandescent exterior lights include diagnosable bulb detection and warning. Trailer cable on tractors includes integrity detection. Standard features include multiplex wiring for interior lights, automated pre-trip inspection, short and open check diagnostics. Warning alarm will sound when lights are left on.

**Hood: Sloped aerodynamic hood includes 0**

grill & separate bumper.

**Description Weight**

**Cab heater: W/integral defrosters & A/C 45,000 0**

btu cab heater. No sleeper heater/AC. Includes 5 mode rotary control. T660 include filter media.

**Instrument package: Includes speedometer, 0**

tachometer, fuel gauge, engine coolant temperature gauge, engine oil pressure, voltmeter. Class 8 also includes primary & secondary air reservoir gauges & an air application gauge. DEF level gauge and warning lamp are included with 2010+ engines. Engine hour meter and outside air temperature readouts are standard. Primary read out will be MPH. Add 8240620 to switch primary scale to KPH in Canada.

**Class 5 interior: Includes cloth headliner & 0**

vinyl cab back panel.

**DR Seat: Static HB Vinyl With Dual Armrests -43**

**Rider Seat: Kenworth Toolbox Plus IB cloth. 0**

Standard features include fixed base and backrest, tool box seat base w/ door, and dual armrests. Seat cushion is 19.5 inches. Seat material has a horizontal stitch pattern and is 2-tone in color. Seat back is carpeted. Seat is manufactured by National. Includes inside visor and retractable 3-point matching seat belts. Grey seat belts.

**Self cancelling turn signal: W/head light dimmer 0**

switch .

**Cab access contoured grabhandles, LH/RH. 0**

**DAYLITE DOOR: LH/RH INCL RH PEEPER WINDOW 0**

**Dual convex mirrors 7-1/2 in. w/ offset mounting, 0**

and non-heated.

**Single convex mirror 8-1/2 in. x 4-7/16 in. 0**

located on rider side, and non-heated.

**Mirror: Dual Prutsman mirror 7 in. x 16 in. 17**

polished stainless steel, and non-heated.

**Mirror brackets 8-1/2 ft load width. 0**

**Rear Cab Stationary Window 17 in. x 36 in. 0**

**Manual LH & electric-powered RH door window. 0**

Switch located on door.

**Lights & Instruments**

**Headlamps: Halogen Projector Low Beam, Halogen 0**

Complex Reflector High Beam

**Marker Lights: Five cab roof mounted. 0**

**Turn Signal Lights: Mounted on fender 0**

**Combination Stop, Tail, Turn & Backup Lights RH 0**

& LH.

**Air Equipment**

**Delete standard air dryer. -11**

**Description Weight**

**Extended Warranty**

**Medium-duty Warranty: 1-year/unlimited mi. 0**

**Miscellaneous**

**GHG Secondary Manufacturer: Does Not Apply 0**

**Paint**

**Paint color number. 0**

N97020 A - L0006 WHITE

N97200 FRAME N0001 BLACK

**Day Cab Standard Paint 0**

**1 - Color Paint - Day Cab 0**

Color will be White L0006EB if no other color is specified.

**Base coat/clear coat. 0**

The Kenworth Color Selector contains additional instructions, as well as information on Kenworth paint guidelines and surface finish applications.

Kenworth is standard with Dupont Imron Elite paint.

Total Weight 8530

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**H-GAC Product Code: H4**  
**T300-270, Conv. Cab, SBFA, SRA**

## Vehicle Summary

### Unit Chassis

Model: T300 Series Conventional. Fr Axle Load (lbs): 10000

Type: FULL TRUCK Rr Axle Load (lbs) 16000

Description: T300-270 - SRA G.C.W. (lbs): 26000

### Application Road Conditions:

Intended Serv.: Local pickup & delivery.

Vehicles which haul Class A (Highway) 90

Commodity: General freight Class B (Hwy/Mtn) 10

Class C (Off-Hwy) 00

**Body** Class D (Off-Road) 00

Type: Van Maximum Grade: 6

Length (ft): 10.0 Wheelbase (in): 204

Height (ft): 12.0 Overhang (in): 63

Max Laden Weight (lbs): 4000 Fr Axle to BOC (in): 68

Cab to Axle (in): 136

**Trailer** Cab to EOF (in): 199

No. of Trailer Axles: 0 Overall Comb. Length

(in): 308

Type:

Length (ft): 0.0 **Special Req.**

Height (ft): 0.0 U.S. Domestic Registry, 50-State

Kingpin Inset (in): 0

Corner Radius (in): 0

### Restrictions

Length (ft): 120

Width (in): 102

Height (ft): 13.5

### Description Weight

#### Model

**T300 Series Conventional. 9,764**

Electric Door locks LH/RH; Ignition & doors keyed alike; Single electric horn; Single-piece windshield; Electric windshield wipers, 2-speed plus intermittent; Electric windshield washers; Steering wheel 18in. 4-spoke; Glovebox door with locking latch; Dash-mounted cruise control with switches; Turn signal switch with column-mounted dimmer; Standard dash panels include gray w/ burl wood accents; Slate Gray interior primary color; Dark Slate Gray seat color; Floormat; Inside sunvisor, LH/RH; Door courtesy lights; Under-dash center console with 1 cup holder, 1 ashtray & 1 lighter.

**T270 Class 6: medium-duty Conventional. 0**

**CARB Idle Emissions Reduction Feature for PX-7 0**

and PX-9

**Class 6 4x2 manual. 0**

**General freight 0**

**Local pickup & delivery. Vehicles which haul 0**

freight, typically operating within a 100-mile radius, on public streets & highways, & other paved surfaces, including limited Class C roads.

Includes package & freight delivery, as well as fuel oil or petroleum distribution, etc. Road usage: minimum 3% Class B, do not code for Class D.

**Van 0**

**U.S. Domestic Registry, 50-State 0**

### Engine & Equipment

**PACCAR PX-7 200 2013 200@2400 195@2600 520@1600. 0**

Includes turbo exhaust brake, no code is used. Diagnostic Plug for data link, Oil Cooler, Aluminum Flywheel Housing.

N09200 N205 120..Standard Maximum Speed Limit [LSL]

N09220 N207 0....Expiration Distance

N09240 P09 120...Hard Maximum Speed Limit  
N09260 P14 64...Maximum Accelerator Pedal Vehicle Speed  
N09280 P16 0....Accelerator Lower Droop  
N09300 P19 64...Maximum Cruise Speed  
N09320 C143 0....Cruise Control Lower Droop  
N09360 N203 252...Reserve Speed Function Reset Distance  
N09380 N202 0....Maximum Cycle Distance  
N09400 N206 10...Maximum Active Distance  
N09420 N201 0....Reserve Speed Limit Offset

#### **Description Weight**

N09440 P11 No...Engine Protection Shutdown  
N09460 P06 No...Gear Down Protection  
N09480 P26 1400.Max PTO Speed  
N09500 P02 No...Cruise Control Auto Resume  
N09520 P04 No...Auto Engine Brake in Cruise  
N09540 N209 0....Expiration Distance  
N09560 P520 Yes..Enable Idle Shutdown Park Brake Set  
N09580 P32 5....Timer Setting  
N09600 P233 Yes..Enable Impending Shutdown Warning  
N09620 P234 60...Timer For Impending Shutdown Warning  
N09640 P516 35...Engine Load Threshold  
N09680 P33 No...Idle Shutdown Manual Override  
N09720 P230 Yes..Enable Hot Ambient Automatic Override  
N09740 P46 40...Low Ambient Temperature Threshold  
N09760 P56 60...Intermediate Ambient Temperature Threshold  
N09780 P47 80...High Ambient Temperature Threshold

#### **Prospector version 36.1 0**

Supersedes previous version 36.02

#### **Effective VSL Setting NA 0**

#### **Engine Idle Shutdown Timer Disabled 0**

#### **Eff EIST NA Expiration Miles 0**

Use only with MX and Cummins engines

#### **Air compressor: Cummins 18.7 CFM, Cummins, PACCAR 0**

PX engines.

#### **Air Cleaner: Dry-type firewall mounted w/filter 0**

restriction indicator.

#### **Fan Hub: Horton On/Off for PX-7 0**

#### **Cooling module: 1000 square inches 0**

T170/T270/T370/T470. Includes metal surge tank on T170/T270/T370.

#### **Horizontal series DPFF/SCR for PX-7 with 0**

horizontal tailpipe below RH rail back of cab.

#### **Fuel filter PACCAR PX-7 engines 0**

and Cummins ISB Euro 3 Unheated.

#### **Alternator: 160 amp brush type T3 0**

#### **Batteries: 2 PACCAR GP31 threaded post (700) 1400 0**

CCA dual purpose.

12-VOLT LIGHT SYSTEM W/CIRCUIT PROTECTION

#### **Starter: PACCAR 12 volt electrical system. W/ 0**

centralized power distribution incorporating plug-in style relays. Circuit protection for serviceability, 12-volt light system w/circuit protection circuits number & color coded.

#### **Transmission & Clutch**

#### **Transmission: Eaton Fuller FS5406A 6-spd 0**

synchro. \*Torque Limit: 560 pound-feet.

#### **Description Weight**

#### **Clutch: ceramic to 605 lb-ft 14 in. Fuller. 0**

Includes manual adjusting clutch cover, extended grease fitting for clutch bearing and cross shaft, and synthetic lubricant for the transmission.

#### **Driveline: 2 standard-duty; 1 centerbearing. 77**

\*Std duty is 1710 series.

#### **Front Axle & Equipment**

#### **Dana Spicer E-1002I Front Axle rated 10K -34**

3-1/2in. drop.

#### **Front brakes included w/ front hub package. 0**

#### **Front Brake: 10,000 lb. Bendix air brake -48**

package 15x4 brakes, cast drums, iron 10-bolt hub pilot hubs, hub caps, oil seals & slack adjusters. For use w/ 22.5in. wheels.

**Front Springs: Taperleaf 10K w/ shock absorbers 0**

for use on 2010+ chassis w/ 22.5in. wheels only.

**Single power steering gear: 13.2K for air brakes. 0**

**Rear Axle & Equipment**

**Single Dana Spicer P20060S single reduction rear 0**

axle for T300/K300 w/ air brakes. Single rear axle 20K capacity rated at 16K.

**Rear Axle Ratio - 4.11. 0**

**Single rear brakes included w/rear hub package. 0**

**26K air brake package includes 16-1/2x7 in. 0**

brakes, cast drums, iron 10-bolt hub pilot hubs, slack adjusters and oil seals for use w/ 22.5 in. wheels.

**Spring Brake: 2430 single for medium duty T300; -2**

maximum capacity 17K.

**Bendix 4S/4M anti-lock brake system. 0**

**Rear suspension: single Reyco 79KB taperleaf 20K. 0**

Medium-duty. Unladen Height: 9 in. Laden Height: 7.6 in. Not rear air disc brake compatible.

**Tires & Wheels**

**Front tires: Bridgestone R268ECOPIA 295/75R22.5 0**

14PR. 40.3 in. diameter, all position. Side wall protector bar. 18.8 in. SLR. For P&D & construction vocations. Smartway certified.

**Rear tires: Bridgestone R268ECOPIA 295/75R22.5 0**

14PR. 40.3 in. diameter, all position. Side wall protector bar. 18.8 in. SLR. For P&D & construction vocations. Smartway certified. Code is priced per pair of tires.

**Rear Tire Quantity: 4 0**

**Front wheel: Accuride 50487 22.5x8.25 steel 0**

Steel Armor[TM] powder coat, hub pilot mount. 7400lb. maximum rating. 5-hand hole. Air disc brake compatible.

**Description Weight**

**Rear wheel: Accuride 50487 22.5x8.25 steel 0**

Steel Armor[TM] powder coat, hub pilot mount. 7400lb. maximum rating. 5-hand hole. Air disc brake compatible. Code is priced per pair of wheels.

**Powder coat white steel wheel. Use in conjunction 0**

with front, dual front, rear, spare or lift axle wheel code(s). All wheels on chassis must have same finish color.

**Rear Wheel/Rim Quantity: 4 0**

**Frame & Equipment**

**Frame Rails: 10-5/8 x 3-1/2 x 5/16 in. Steel to 195**

308 in. Truck frame weight is 2.91 lb.-in. per pair of rails. Section modulus is 14.80 cu.in., RBM is 1,776,000 in-lbs per rail. 120,000 PSI yield. Heat treated. 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.

**Bumper: Aerodynamic, Painted. Requires a 0**

bumper setting code.

**40.9 in. Bumper setting. Requires a bumper code. 0**

**Front mudflaps. 0**

**Battery box: Steel parallel under w/ aluminum 0**

diamond plate cover w/ step w/ aluminum step brackets.

**Battery box location: LH Side. 0**

**Square end-of-frame w/ o crossmember;non-towing. 0**

**Fuel Tanks & Equip**

**Fuel Tank: 45 US gallon, rectangular steel with 0**

step under replacement.

**Rectangular DEF tank. 7.5 gallons of 0**

useable volume. The tank will be located just forward of the under cab component on the side you specified. 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.

**Standard DEF to fuel fill ratio: 2:1 or greater. 0**

DEF tank location is on the RH. 0



**Location: 45 gal fuel tank RH under cab 0**

**Cab & Equipment**

**Description Weight**

**Cab: Curved Glass Conventional. 0**

Cab Includes aluminum & fiberglass fully hucked cab w/ all aluminum bulkhead doors & continuous stainless steel piano-style door hinges. Single electric horn standard. Incandescent exterior lights include diagnosable bulb detection and warning. Trailer cable on tractors includes integrity detection. Standard features include multiplex wiring for interior lights, automated pre-trip inspection, short and open check diagnostics. Warning alarm will sound when lights are left on.

**Hood: Sloped aerodynamic hood includes 0**

grill & separate bumper.

**Cab heater: W/integral defrosters & A/C 45,000 0**

btu cab heater. No sleeper heater/AC. Includes 5 mode rotary control. T660 include filter media.

**Instrument package: Includes speedometer, 0**

tachometer, fuel gauge, engine coolant temperature gauge, engine oil pressure, voltmeter. Class 8 also includes primary & secondary air reservoir gauges & an air application gauge. DEF level gauge and warning lamp are included with 2010+ engines. Engine hour meter and outside air temperature readouts are standard. Primary read out will be MPH. Add 8240620 to switch primary scale to KPH in Canada.

**Cab interior: Pinnacle. Includes vinyl headliner 0**

& cab back panel, slate gray interior, dark slate gray seats, floormats, LH/RH inside sunvisor & door courtesy lights.

**Driver Seat: Kenworth Air Cushion Plus IB Cloth 0**

.Standard features include 7 in. fore and aft slide adjustment with isolator, 6 to 23 degree recline, air suspension with cover, dual armrests, and single chamber air lumbar support. Seat cushion is 20 inches wide with 2 position tilt and 2 position front cushion extension. Seat material has a horizontal stitch pattern and is 2 tone in color. Seat back is carpeted. Seat is manufactured by National. Includes inside visor and retractable 3 point matching seat belts. Grey seat belts.

**Rider Seat: Kenworth Toolbox Plus IB cloth. 0**

Standard features include fixed base and backrest, tool box seat base w/ door, and dual armrests. Seat cushion is 19.5 inches. Seat material has a horizontal stitch pattern and is 2-tone in color. Seat back is carpeted. Seat is manufactured by National. Includes inside visor and retractable 3-point matching seat belts. Grey seat belts.

**Self cancelling turn signal: W/head light dimmer 0**

switch .

**Cab access contoured grabhandles, LH/RH. 0**

**DAYLITE DOOR: LH/RH INCL RH PEEPER WINDOW 0**

**Dual convex mirrors 7-1/2 in. w/ offset mounting, 0**

and non-heated.

**Single convex mirror 8-1/2 in. x 4-7/16 in. 0**

located on rider side, and non-heated.

**Mirror: Dual Prutsman mirror 7 in. x 16 in. 17**

polished stainless steel, and non-heated.

**Mirror brackets 8-1/2 ft load width. 0**

**Description Weight**

**Rear Cab Stationary Window 17 in. x 36 in. 0**

**Manual LH & electric-powered RH door window. 0**

Switch located on door.

**Lights & Instruments**

**Headlamps: Halogen Projector Low Beam, Halogen 0**

Complex Reflector High Beam

**Marker Lights: with small round base, 0**

Five cab roof mounted.

**Turn Signal Lights: Mounted on fender 0**

**Combination Stop, Tail, Turn & Backup Lights RH 0**

& LH.

**Air Equipment**

**Air Dryer: Bendix AD-IS heated. 0**

**Extended Warranty**

**Medium-duty Warranty: 1-year/unlimited mi. 0**

**Miscellaneous**

**GHG Secondary Manufacturer: Does Not Apply 0**

**Paint**

**Paint color number. 0**

N97020 A - L0006 WHITE

N97200 FRAME N0001 BLACK

N97700 BUMPER L0006 WHITE

**Bumper Painted Color A 0**

**Day Cab Standard Paint 0**

**1 - Color Paint - Day Cab 0**

Color will be White L0006EB if no other color is specified.

**Base coat/clear coat. 0**

The Kenworth Color Selector contains additional instructions, as well as information on Kenworth paint guidelines and surface finish applications.

Kenworth is standard with Dupont Imron Elite paint.

Total Weight 9969

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**H-GAC Product Code: H5**  
**T300-370, Conv. Cab, SBFA, SRA**

## Vehicle Summary

### Unit Chassis

Model: T300 Series Conventional. Fr Axle Load (lbs): 10000

Type: FULL TRUCK Rr Axle Load (lbs) 21000

Description: T300-370 - SRA G.C.W. (lbs): 31000

### Application Road Conditions:

Intended Serv.: Local pickup & delivery.

Vehicles which haul Class A (Highway) 90

Commodity: General freight Class B (Hwy/Mtn) 10

Class C (Off-Hwy) 00

**Body** Class D (Off-Road) 00

Type: Van Maximum Grade: 6

Length (ft): 10.0 Wheelbase (in): 204

Height (ft): 12.0 Overhang (in): 63

Max Laden Weight (lbs): 4000 Fr Axle to BOC (in): 68

Cab to Axle (in): 136

**Trailer** Cab to EOF (in): 199

No. of Trailer Axles: 0 Overall Comb. Length  
(in): 308

Type:

Length (ft): 0.0 **Special Req.**

Height (ft): 0.0 U.S. Domestic Registry, 50-State

Kingpin Inset (in): 0

Corner Radius (in): 0

### Restrictions

Length (ft): 120

Width (in): 102

Height (ft): 13.5

### Description Weight

#### Model

**T300 Series Conventional. 9,764**

Electric Door locks LH/RH; Ignition & doors keyed alike; Single electric horn; Single-piece windshield; Electric windshield wipers, 2-speed plus intermittent; Electric windshield washers; Steering wheel 18in. 4-spoke; Glovebox door with locking latch; Dash-mounted cruise control with switches; Turn signal switch with column-mounted dimmer; Standard dash panels include gray w/ burl wood accents; Slate Gray interior primary color; Dark Slate Gray seat color; Floormat; Inside sunvisor, LH/RH; Door courtesy lights; Under-dash center console with 1 cup holder, 1 ashtray & 1 lighter.

**T370 Class 7: medium-duty Conventional. 0**

**CARB Idle Emissions Reduction Feature for PX-7 0**

and PX-9

**Medium-duty 4x2 manual. 0**

**General freight 0**

**Local pickup & delivery. Vehicles which haul 0**

freight, typically operating within a 100-mile radius, on public streets & highways, & other paved surfaces, including limited Class C roads.

Includes package & freight delivery, as well as fuel oil or petroleum distribution, etc. Road usage: minimum 3% Class B, do not code for Class D.

**Van 0**

**U.S. Domestic Registry, 50-State 0**

### Engine & Equipment

**PACCAR PX-7 200 2013 200@2400 195@2600 520@1600. 0**

Includes turbo exhaust brake, no code is used. Diagnostic Plug for data link, Oil Cooler, Aluminum Flywheel Housing.

N09200 N205 120..Standard Maximum Speed Limit [LSL]

N09220 N207 0....Expiration Distance

N09240 P09 120...Hard Maximum Speed Limit

N09260 P14 64...Maximum Accelerator Pedal Vehicle Speed  
N09280 P16 0....Accelerator Lower Droop  
N09300 P19 64...Maximum Cruise Speed  
N09320 C143 0....Cruise Control Lower Droop  
N09360 N203 252..Reserve Speed Function Reset Distance  
N09380 N202 0....Maximum Cycle Distance  
N09400 N206 10...Maximum Active Distance  
N09420 N201 0....Reserve Speed Limit Offset

**Description Weight**

N09440 P11 No...Engine Protection Shutdown  
N09460 P06 No...Gear Down Protection  
N09480 P26 1400.Max PTO Speed  
N09500 P02 No...Cruise Control Auto Resume  
N09520 P04 No...Auto Engine Brake in Cruise  
N09540 N209 0....Expiration Distance  
N09560 P520 Yes..Enable Idle Shutdown Park Brake Set  
N09580 P32 5....Timer Setting  
N09600 P233 Yes..Enable Impending Shutdown Warning  
N09620 P234 60...Timer For Impending Shutdown Warning  
N09640 P516 35...Engine Load Threshold  
N09680 P33 No...Idle Shutdown Manual Overrule  
N09720 P230 Yes..Enable Hot Ambient Automatic Overrule  
N09740 P46 40...Low Ambient Temperature Threshold  
N09760 P56 60...Intermediate Ambient Temperature Threshold  
N09780 P47 80...High Ambient Temperature Threshold

**Prospector version 36.1 0**

Supersedes previous version 36.02

**Effective VSL Setting NA 0**

**Engine Idle Shutdown Timer Disabled 0**

**Eff EIST NA Expiration Miles 0**

Use only with MX and Cummins engines

**Air compressor: Cummins 18.7 CFM, Cummins, PACCAR 0**

PX engines.

**Air Cleaner: Dry-type firewall mounted w/filter 0**

restriction indicator.

**Fan Hub: Horton On/Off for PX-7 0**

**Cooling module: 1000 square inches 0**

T170/T270/T370/T470. Includes metal surge tank on T170/T270/T370.

**Horizontal series DPF/SCR for PX-7 with 0**

horizontal tailpipe below RH rail back of cab.

**Fuel filter PACCAR PX-7 engines 0**

and Cummins ISB Euro 3 Unheated.

**Alternator: 160 amp brush type T3 0**

**Batteries: 2 PACCAR GP31 threaded post (700) 1400 0**

CCA dual purpose.

12-VOLT LIGHT SYSTEM W/CIRCUIT PROTECTION

**Starter: PACCAR 12 volt electrical system. W/ 0**

centralized power distribution incorporating plug-in style relays. Circuit protection for serviceability, 12-volt light system w/circuit protection circuits number & color coded.

**Transmission & Clutch**

**Transmission: Eaton Fuller FS5406A 6-spd 0**

synchro. \*Torque Limit: 560 pound-feet.

**Description Weight**

**Clutch: ceramic to 605 lb-ft 14 in. Fuller. 0**

Includes manual adjusting clutch cover, extended grease fitting for clutch bearing and cross shaft, and synthetic lubricant for the transmission.

**Driveline: 2 standard-duty; 1 centerbearing. 77**

\*Std duty is 1710 series.

**Front Axle & Equipment**

**Dana Spicer E-1002I Front Axle rated 10K -34**

3-1/2in. drop.

**Front brakes included w/ front hub package. 0**

**Air Brake: 14,600 lb. package includes 0**

Bendix 16-1/2 x5 brakes, cast drums, aluminum 10-bolt hub pilot LMS hubs, hubcaps, oil seals & automatic slack adjusters. For use w/ 22-1/2in. wheels.

**Front Springs: Taperleaf 10K w/ shock absorbers 0**

for use on 2010+ chassis w/ 22.5in. wheels only.

**Single power steering gear: 13.2K for air brakes. 0****Rear Axle & Equipment****Single Dana Spicer P22060S single reduction rear 0**

axle. T300/K300: use with/air brakes. Single rear axle 22K capacity rated at 21K.

**Rear Axle Ratio - 4.11. 0****Single rear brakes included w/rear hub package. 0****26K air brake package includes 16-1/2x7 in. 0**

brakes, cast drums, iron 10-bolt hub pilot hubs, slack adjusters and oil seals for use w/ 22.5 in. wheels.

**Spring Brake: 3030 high output single. 0****Bendix 4S/4M anti-lock brake system. 0****Rear suspension: single Reyco 79KB taperleaf 21K. 0**

Medium-duty. Unladen Height: 9 in. Laden Height: 7.5 in. Not rear air disc brake compatible.

**Tires & Wheels****Front tires: Bridgestone R268ECOPIA 295/75R22.5 0**

14PR. 40.3 in. diameter, all position. Side wall protector bar. 18.8 in. SLR. For P&D & construction vocations. Smartway certified.

**Rear tires: Bridgestone R268ECOPIA 295/75R22.5 0**

14PR. 40.3 in. diameter, all position. Side wall protector bar. 18.8 in. SLR. For P&D & construction vocations. Smartway certified. Code is priced per pair of tires.

**Rear Tire Quantity: 4 0****Front wheel: Accuride 50487 22.5x8.25 steel 0**

Steel Armor[TM] powder coat, hub pilot mount. 7400lb. maximum rating. 5-hand hole. Air disc brake compatible.

Unpublished options may require review/approval.

Dimensional and performance data for unpublished options may vary from that displayed in PROSPECTOR.

**Description Weight****Rear wheel: Accuride 50487 22.5x8.25 steel 0**

Steel Armor[TM] powder coat, hub pilot mount. 7400lb. maximum rating. 5-hand hole. Air disc brake compatible. Code is priced per pair of wheels.

**Powder coat white steel wheel. Use in conjunction 0**

with front, dual front, rear, spare or lift axle wheel code(s). All wheels on chassis must have same finish color.

**Rear Wheel/Rim Quantity: 4 0****Frame & Equipment****Frame Rails: 10-5/8 x 3-1/2 x 5/16 in. Steel to 195**

308 in. Truck frame weight is 2.91 lb.-in. per pair of rails. Section modulus is 14.80 cu.in., RBM is 1,776,000 in-lbs per rail. 120,000 PSI yield. Heat treated. 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.

**Bumper: Aerodynamic, Painted. Requires a 0**

bumper setting code.

**40.9 in. Bumper setting. Requires a bumper code. 0****Front mudflaps. 0****Battery box: Steel parallel under w/ aluminum 0**

diamond plate cover w/ step w/ aluminum step brackets.

**Battery box location: LH Side. 0****Square end-of-frame w/ o crossmember;non-towing. 0****Fuel Tanks & Equip****Fuel Tank: 45 US gallon, rectangular steel with 0**

step under replacement.

**Rectangular DEF tank. 7.5 gallons of 0**

useable volume. The tank will be located just forward of the under cab component on the side you specified. 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.

**Standard DEF to fuel fill ratio: 2:1 or greater. 0**

**DEF tank location is on the RH. 0**

**Location: 45 gal fuel tank RH under cab 0**

### **Cab & Equipment**

#### **Description Weight**

**Cab: Curved Glass Conventional. 0**

Cab Includes aluminum & fiberglass fully hucked cab w/ all aluminum bulkhead doors & continuous stainless steel piano-style door hinges. Single electric horn standard. Incandescent exterior lights include diagnosable bulb detection and warning. Trailer cable on tractors includes integrity detection. Standard features include multiplex wiring for interior lights, automated pre-trip inspection, short and open check diagnostics. Warning alarm will sound when lights are left on.

**Hood: Sloped aerodynamic hood includes 0**

grill & separate bumper.

**Cab heater: W/integral defrosters & A/C 45,000 0**

btu cab heater. No sleeper heater/AC. Includes 5 mode rotary control. T660 include filter media.

**Instrument package: Includes speedometer, 0**

tachometer, fuel gauge, engine coolant temperature gauge, engine oil pressure, voltmeter. Class 8 also includes primary & secondary air reservoir gauges & an air application gauge. DEF level gauge and warning lamp are included with 2010+ engines. Engine hour meter and outside air temperature readouts are standard. Primary read out will be MPH. Add 8240620 to switch primary scale to KPH in Canada.

**Cab interior: Pinnacle. Includes vinyl headliner 0**

& cab back panel, slate gray interior, dark slate gray seats, floormats, LH/RH inside sunvisor & door courtesy lights.

**Driver Seat: Kenworth Air Cushion Plus IB Cloth 0**

.Standard features include 7 in. fore and aft slide adjustment with isolator, 6 to 23 degree recline, air suspension with cover, dual armrests, and single chamber air lumbar support. Seat cushion is 20 inches wide with 2 position tilt and 2 position front cushion extension. Seat material has a horizontal stitch pattern and is 2 tone in color. Seat back is carpeted. Seat is manufactured by National. Includes inside visor and retractable 3 point matching seat belts. Grey seat belts.

**Rider Seat: Kenworth Toolbox Plus IB cloth. 0**

Standard features include fixed base and backrest, tool box seat base w/ door, and dual armrests. Seat cushion is 19.5 inches. Seat material has a horizontal stitch pattern and is 2-tone in color. Seat back is carpeted. Seat is manufactured by National. Includes inside visor and retractable 3-point matching seat belts. Grey seat belts.

**Self cancelling turn signal: W/head light dimmer 0**

switch .

**Cab access contoured grabhandles, LH/RH. 0**

**DAYLITE DOOR: LH/RH INCL RH PEEPER WINDOW 0**

**Dual convex mirrors 7-1/2 in. w/ offset mounting, 0**

and non-heated.

**Single convex mirror 8-1/2 in. x 4-7/16 in. 0**

located on rider side, and non-heated.

**Mirror: Dual Prutsman mirror 7 in. x 16 in. 17**

polished stainless steel, and non-heated.

**Mirror brackets 8-1/2 ft load width. 0**

#### **Description Weight**

**Rear Cab Stationary Window 17 in. x 36 in. 0**

**Manual LH & electric-powered RH door window. 0**

Switch located on door.

### **Lights & Instruments**

**Headlamps: Halogen Projector Low Beam, Halogen 0**

Complex Reflector High Beam

**Marker Lights: with small round base, 0**

Five cab roof mounted.

**Turn Signal Lights: Mounted on fender 0**

**Combination Stop, Tail, Turn & Backup Lights RH 0**

& LH.

### **Air Equipment**

**Air Dryer: Bendix AD-IS heated. 0**

**Extended Warranty**

**Medium-duty Warranty: 1-year/unlimited mi. 0**

**Miscellaneous**

**GHG Secondary Manufacturer: Does Not Apply 0**

**Paint**

**Paint color number. 0**

N97020 A - L0006 WHITE

N97200 FRAME N0001 BLACK

N97700 BUMPER L0006 WHITE

**Bumper Painted Color A 0**

**Day Cab Standard Paint 0**

**1 - Color Paint - Day Cab 0**

Color will be White L0006EB if no other color is specified.

**Base coat/clear coat. 0**

The Kenworth Color Selector contains additional instructions, as well as information on Kenworth paint guidelines and surface finish applications.

Kenworth is standard with Dupont Imron Elite paint.

Total Weight 10019

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**H-GAC Product Code: H6**  
**T300-370, Conv. Cab, SBFA, TRA**

## Vehicle Summary

### Unit Chassis

Model: T300 Series Conventional. Fr Axle Load (lbs): 10000

Type: FULL TRUCK Rr Axle Load (lbs) 40000

Description: T300-370 - TRA G.C.W. (lbs): 50000

### Application Road Conditions:

Intended Serv.: Local pickup & delivery.

Vehicles which haul Class A (Highway) 90

Commodity: General freight Class B (Hwy/Mtn) 10

Class C (Off-Hwy) 00

**Body** Class D (Off-Road) 00

Type: Van Maximum Grade: 6

Length (ft): 10.0 Wheelbase (in): 229

Height (ft): 12.0 Overhang (in): 63

Max Laden Weight (lbs): 4000 Fr Axle to BOC (in): 68

Cab to Axle (in): 161

**Trailer** Cab to EOF (in): 224

No. of Trailer Axles: 0 Overall Comb. Length  
(in): 333

Type:

Length (ft): 0.0 **Special Req.**

Height (ft): 0.0 U.S. Domestic Registry, 50-State

Kingpin Inset (in): 0

Corner Radius (in): 0

### Restrictions

Length (ft): 120

Width (in): 102

Height (ft): 13.5

### Description Weight

#### Model

**T300 Series Conventional. 9,764**

Electric Door locks LH/RH; Ignition & doors keyed alike; Single electric horn; Single-piece windshield; Electric windshield wipers, 2-speed plus intermittent; Electric windshield washers; Steering wheel 18in. 4-spoke; Glovebox door with locking latch; Dash-mounted cruise control with switches; Turn signal switch with column-mounted dimmer; Standard dash panels include gray w/ burl wood accents; Slate Gray interior primary color; Dark Slate Gray seat color; Floormat; Inside sunvisor, LH/RH; Door courtesy lights; Under-dash center console with 1 cup holder, 1 ashtray & 1 lighter.

**T370 Class 7: medium-duty Conventional. 0**

**CARB Idle Emissions Reduction Feature for PX-7 0**

and PX-9

**Medium-duty 6x4 manual. 0**

**General freight 0**

**Local pickup & delivery. Vehicles which haul 0**

freight, typically operating within a 100-mile radius, on public streets & highways, & other paved surfaces, including limited Class C roads.

Includes package & freight delivery, as well as fuel oil or petroleum distribution, etc. Road usage: minimum 3% Class B, do not code for Class D.

**Van 0**

**U.S. Domestic Registry, 50-State 0**

### Engine & Equipment

**PACCAR PX-7 200 2013 200@2400 195@2600 520@1600. 0**

Includes turbo exhaust brake, no code is used. Diagnostic Plug for data link, Oil Cooler, Aluminum Flywheel Housing.

N09200 N205 120..Standard Maximum Speed Limit [LSL]

N09220 N207 0....Expiration Distance



N09240 P09 120...Hard Maximum Speed Limit  
N09260 P14 64...Maximum Accelerator Pedal Vehicle Speed  
N09280 P16 0...Accelerator Lower Droop  
N09300 P19 64...Maximum Cruise Speed  
N09320 C143 0...Cruise Control Lower Droop  
N09360 N203 252...Reserve Speed Function Reset Distance  
N09380 N202 0...Maximum Cycle Distance  
N09400 N206 10...Maximum Active Distance  
N09420 N201 0...Reserve Speed Limit Offset

#### **Description Weight**

N09440 P11 No...Engine Protection Shutdown  
N09460 P06 No...Gear Down Protection  
N09480 P26 1400.Max PTO Speed  
N09500 P02 No...Cruise Control Auto Resume  
N09520 P04 No...Auto Engine Brake in Cruise  
N09540 N209 0...Expiration Distance  
N09560 P520 Yes..Enable Idle Shutdown Park Brake Set  
N09580 P32 5...Timer Setting  
N09600 P233 Yes..Enable Impending Shutdown Warning  
N09620 P234 60...Timer For Impending Shutdown Warning  
N09640 P516 35...Engine Load Threshold  
N09680 P33 No...Idle Shutdown Manual Override  
N09720 P230 Yes..Enable Hot Ambient Automatic Override  
N09740 P46 40...Low Ambient Temperature Threshold  
N09760 P56 60...Intermediate Ambient Temperature Threshold  
N09780 P47 80...High Ambient Temperature Threshold

#### **Prospector version 36.1 0**

Supersedes previous version 36.02

#### **Effective VSL Setting NA 0**

#### **Engine Idle Shutdown Timer Disabled 0**

#### **Eff EIST NA Expiration Miles 0**

Use only with MX and Cummins engines

#### **Air compressor: Cummins 18.7 CFM, Cummins, PACCAR 0**

PX engines.

#### **Air Cleaner: Dry-type firewall mounted w/filter 0**

restriction indicator.

#### **Fan Hub: Horton On/Off for PX-7 0**

#### **Cooling module: 1000 square inches 0**

T170/T270/T370/T470. Includes metal surge tank on T170/T270/T370.

#### **Horizontal series DPF/SCR for PX-7 with 0**

horizontal tailpipe below RH rail back of cab.

#### **Fuel filter PACCAR PX-7 engines 0**

and Cummins ISB Euro 3 Unheated.

#### **Alternator: 160 amp brush type T3 0**

#### **Batteries: 2 PACCAR GP31 threaded post (700) 1400 0**

CCA dual purpose.

12-VOLT LIGHT SYSTEM W/CIRCUIT PROTECTION

#### **Starter: PACCAR 12 volt electrical system. W/ 0**

centralized power distribution incorporating plug-in style relays. Circuit protection for serviceability, 12-volt light system w/circuit protection circuits number & color coded.

#### **Transmission & Clutch**

#### **Transmission: Eaton Fuller FS5406A 6-spd 0**

synchro. \*Torque Limit: 560 pound-feet.

#### **Description Weight**

#### **Clutch: ceramic to 605 lb-ft 14 in. Fuller. 0**

Includes manual adjusting clutch cover, extended grease fitting for clutch bearing and cross shaft, and synthetic lubricant for the transmission.

#### **Driveline: 2 standard-duty; 1 centerbearing. 77**

\*Std duty is 1710 series.

#### **Front Axle & Equipment**

#### **Dana Spicer E-1002I Front Axle rated 10K -34**

3-1/2in. drop.

#### **Front brakes included w/ front hub package. 0**

#### **Air Brake: 14,600 lb. package includes 0**

Bendix 16-1/2 x5 brakes, cast drums, aluminum 10-bolt hub pilot LMS hubs, hubcaps, oil seals & automatic slack adjusters. For use w/ 22-1/2in.

wheels.

**Front Springs: Taperleaf 10K w/ shock absorbers 0**

for use on 2010+ chassis w/ 22.5in. wheels only.

**Single power steering gear: 13.2K for air brakes. 0**

**Rear Axle & Equipment**

**Dual Dana Spicer DSP41 rear axle rated at 40K. 2,126**

(DSP40 w/ heavy-wall housing) w/ 11mm housing and 1.88in. shaft diameter. Tandem rear axles.

**Rear Axle Ratio - 4.11. 0**

**Dual rear brakes included w/rear hub package. 0**

**Dual 46K Air Brake package includes 16-1/2x7 in. 0**

brakes, cast drums, aluminum 10-bolt hub pilot hubs, slack adjusters and oil seals for use w/ 22.5 in. wheels.

**Spring Brake: 3030 high output dual. 0**

**Bendix 4S/4M anti-lock brake system. 0**

**Rear suspension: Tandem Kenworth Airglide 400L 258**

40K. 52 in. axle spacing. Air suspension w/ 8.5 in. ride height. Includes single leveling valve. Includes air suspension dump valve.

**Tires & Wheels**

**Front tires: Bridgestone R268ECOPIA 295/75R22.5 0**

14PR. 40.3 in. diameter, all position. Side wall protector bar. 18.8 in. SLR. For P&D & construction vocations. Smartway certified.

**Rear tires: Bridgestone R268ECOPIA 295/75R22.5 0**

14PR. 40.3 in. diameter, all position. Side wall protector bar. 18.8 in. SLR. For P&D & construction vocations. Smartway certified. Code is priced per pair of tires.

**Rear Tire Quantity: 8 0**

**Front wheel: Accuride 50487 22.5x8.25 steel 0**

Steel Armor[TM] powder coat, hub pilot mount. 7400lb. maximum rating. 5-hand hole. Air disc brake compatible.

**Description Weight**

**Rear wheel: Accuride 50487 22.5x8.25 steel 0**

Steel Armor[TM] powder coat, hub pilot mount. 7400lb. maximum rating. 5-hand hole. Air disc brake compatible. Code is priced per pair of wheels.

**Powder coat white steel wheel. Use in conjunction 0**

with front, dual front, rear, spare or lift axle wheel code(s). All wheels on chassis must have same finish color.

**Rear Wheel/Rim Quantity: 8 0**

**Frame & Equipment**

**Frame Rails: 10-5/8 x 3-1/2 x 5/16 in. Steel to 268**

309 in. to 380 in. Truck frame weight is 2.91 lb.-in. per pair of rails. Section modulus is 14.80 cu.in., RBM is 1,776,000 in.-lbs per rail. 120,000 PSI yield. Heat treated. 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.

**Bumper: Aerodynamic, Painted. Requires a 0**

bumper setting code.

**40.9 in. Bumper setting. Requires a bumper code. 0**

**Front mudflaps. 0**

**Battery box: Steel parallel under w/ aluminum 0**

diamond plate cover w/ step w/ aluminum step brackets.

**Battery box location: LH Side. 0**

**Square end-of-frame w/ o crossmember;non-towing. 0**

**Fuel Tanks & Equip**

**Fuel Tank: 45 US gallon, rectangular steel with 0**

step under replacement.

**Rectangular DEF tank. 7.5 gallons of 0**

useable volume. The tank will be located just forward of the under cab component on the side you specified. 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.

**Standard DEF to fuel fill ratio: 2:1 or greater. 0**

**DEF tank location is on the RH. 0**

**Location: 45 gal fuel tank RH under cab 0**

**Cab & Equipment**

**Description Weight**

**Cab: Curved Glass Conventional. 0**

Cab Includes aluminum & fiberglass fully hucked cab w/ all aluminum bulkhead doors & continuous stainless steel piano-style door hinges. Single electric horn standard. Incandescent exterior lights include diagnosable bulb detection and warning. Trailer cable on tractors includes integrity detection. Standard features include multiplex wiring for interior lights, automated pre-trip inspection, short and open check diagnostics. Warning alarm will sound when lights are left on.

**Hood: Sloped aerodynamic hood includes 0**

grill & separate bumper.

**Cab heater: W/integral defrosters & A/C 45,000 0**

btu cab heater. No sleeper heater/AC. Includes 5 mode rotary control. T660 include filter media.

**Instrument package: Includes speedometer, 0**

tachometer, fuel gauge, engine coolant temperature gauge, engine oil pressure, voltmeter. Class 8 also includes primary & secondary air reservoir gauges & an air application gauge. DEF level gauge and warning lamp are included with 2010+ engines. Engine hour meter and outside air temperature readouts are standard. Primary read out will be MPH. Add 8240620 to switch primary scale to KPH in Canada.

**Cab interior: Pinnacle. Includes vinyl headliner 0**

& cab back panel, slate gray interior, dark slate gray seats, floormats, LH/RH inside sunvisor & door courtesy lights.

**Driver Seat: Kenworth Air Cushion Plus IB Cloth 0**

.Standard features include 7 in. fore and aft slide adjustment with isolator, 6 to 23 degree recline, air suspension with cover, dual armrests, and single chamber air lumbar support. Seat cushion is 20 inches wide with 2 position tilt and 2 position front cushion extension. Seat material has a horizontal stitch pattern and is 2 tone in color. Seat back is carpeted. Seat is manufactured by National. Includes inside visor and retractable 3 point matching seat belts. Grey seat belts.

**Rider Seat: Kenworth Toolbox Plus IB cloth. 0**

Standard features include fixed base and backrest, tool box seat base w/ door, and dual armrests. Seat cushion is 19.5 inches. Seat material has a horizontal stitch pattern and is 2-tone in color. Seat back is carpeted. Seat is manufactured by National. Includes inside visor and retractable 3-point matching seat belts. Grey seat belts.

**Self cancelling turn signal: W/head light dimmer 0**

switch .

**Cab access contoured grabhandles, LH/RH. 0**

**DAYLITE DOOR: LH/RH INCL RH PEEPER WINDOW 0**

**Dual convex mirrors 7-1/2 in. w/ offset mounting, 0**

and non-heated.

**Single convex mirror 8-1/2 in. x 4-7/16 in. 0**

located on rider side, and non-heated.

**Mirror: Dual Prutsman mirror 7 in. x 16 in. 17**

polished stainless steel, and non-heated.

**Mirror brackets 8-1/2 ft load width. 0**

**Description Weight**

**Rear Cab Stationary Window 17 in. x 36 in. 0**

**Manual LH & electric-powered RH door window. 0**

Switch located on door.

**Lights & Instruments**

**Headlamps: Halogen Projector Low Beam, Halogen 0**

Complex Reflector High Beam

**Marker Lights: with small round base, 0**

Five cab roof mounted.

**Turn Signal Lights: Mounted on fender 0**

**Combination Stop, Tail, Turn & Backup Lights RH 0**

& LH.

**Air Equipment**

**Air Dryer: Bendix AD-IS heated. 0**

**Extended Warranty**

**Medium-duty Warranty: 1-year/unlimited mi. 0**

**Miscellaneous**

**GHG Secondary Manufacturer: Does Not Apply 0**

**Paint**

**Paint color number. 0**

N97020 A - L0006 WHITE

N97200 FRAME N0001 BLACK

N97700 BUMPER L0006 WHITE

**Bumper Painted Color A 0**

**Day Cab Standard Paint 0**

**1 - Color Paint - Day Cab 0**

Color will be White L0006EB if no other color is specified.

**Base coat/clear coat. 0**

The Kenworth Color Selector contains additional instructions, as well as information on Kenworth paint guidelines and surface finish applications.

Kenworth is standard with Dupont Imron Elite paint.

Total Weight 12476

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**H-GAC Product Code: H7**  
**T440, Conv. Cab, SBFA, SRA**

## Vehicle Summary

### Unit Chassis

Model: T400 Series Conventional. Fr Axle Load (lbs): 12000

Type: FULL TRUCK Rr Axle Load (lbs) 21000

Description: T440 - SRA G.C.W. (lbs): 33000

### Application Road Conditions:

Intended Serv.: Local pickup & delivery.

Vehicles which haul Class A (Highway) 90

Commodity: Other building materials Class B (Hwy/Mtn) 10

Class C (Off-Hwy) 00

**Body** Class D (Off-Road) 00

Type: Van Maximum Grade: 6

Length (ft): 10.0 Wheelbase (in): 150

Height (ft): 13.5 Overhang (in): 60

Max Laden Weight (lbs): 4000 Fr Axle to BOC (in): 67

Cab to Axle (in): 83

**Trailer** Cab to EOF (in): 143

No. of Trailer Axles: 0 Overall Comb. Length  
(in): 260

Type:

Length (ft): 0.0 **Special Req.**

Height (ft): 0.0 U.S. Domestic Registry, 50-State

Kingpin Inset (in): 0

Corner Radius (in): 0

### Restrictions

Length (ft): 120

Width (in): 102

Height (ft): 13.5

### Description Weight

#### Model

**T400 Series Conventional.** 11,600

**T440 4x2 Medium Duty** 0

**CARB Idle Emissions Reduction Feature for PX-7** 0

and PX-9

**T440 4x2 Medium Duty** 0

**Other building materials** 0

**Local pickup & delivery. Vehicles which haul** 0

freight, typically operating within a 100-mile radius, on public streets & highways, & other paved surfaces, including limited Class C roads.

Includes package & freight delivery, as well as fuel oil or petroleum distribution, etc. Road usage: minimum 3% Class B, do not code for Class D.

**Van** 0

**U.S. Domestic Registry, 50-State** 0

### Engine & Equipment

**PACCAR PX-9 260 2013 260@2200 720@1300.** 0

Includes turbo exhaust brake, no code is used. Diagnostic Plug for data link, Oil Cooler, Aluminum Flywheel Housing.

N09200 N205 120..Standard Maximum Speed Limit [LSL]

N09220 N207 0....Expiration Distance

N09240 P09 120...Hard Maximum Speed Limit

N09260 P14 64...Maximum Accelerator Pedal Vehicle Speed

N09280 P16 0....Accelerator Lower Droop

N09300 P19 64...Maximum Cruise Speed

N09320 C143 0....Cruise Control Lower Droop

N09360 N203 252..Reserve Speed Function Reset Distance

N09380 N202 0....Maximum Cycle Distance

N09400 N206 10...Maximum Active Distance

N09420 N201 0....Reserve Speed Limit Offset

N09440 P11 No...Engine Protection Shutdown

N09460 P06 No...Gear Down Protection  
N09480 P26 1400.Max PTO Speed  
N09500 P02 No...Cruise Control Auto Resume  
N09520 P04 No...Auto Engine Brake in Cruise  
N09540 N209 0....Expiration Distance  
N09560 P520 Yes..Enable Idle Shutdown Park Brake Set  
N09580 P32 5....Timer Setting  
N09600 P233 Yes..Enable Impending Shutdown Warning

**Description Weight**

N09620 P234 60...Timer For Impending Shutdown Warning  
N09640 P516 35...Engine Load Threshold  
N09680 P33 No...Idle Shutdown Manual Override  
N09720 P230 Yes..Enable Hot Ambient Automatic Override  
N09740 P46 40...Low Ambient Temperature Threshold  
N09760 P56 60...Intermediate Ambient Temperature Threshold  
N09780 P47 80...High Ambient Temperature Threshold

**Prospector version 36.1 0**

Supersedes previous version 36.02

**Effective VSL Setting NA 0**

**Engine Idle Shutdown Timer Enabled 0**

**Enable EIST Ambient Temp Override 0**

**Enable EIST in PTO Mode 0**

Use only with MX and Cummins engines

**Eff EIST NA Expiration Miles 0**

Use only with MX and Cummins engines

**Air compressor: Cummins 18.7 CFM, Cummins, PACCAR 0**

PX engines.

**Engine mount Powercore air cleaner. 0**

w/constant torque SS clamps, pop-up air restriction indicator. Pop-up indicator is standard.

**Fan Hub: Borg Warner On/Off for PX-9 or ISLG 0**

**Cooling module: 1300 square inches On-off fan 0**

hub, nylon fan blade, translucent top tank, aluminum core, air-to-air heat exchanger/aftercooler, high performance fan ring shroud, silicone coolant hoses w/ constant torque clamps, long life antifreeze. Drain valve is not available w/Allison transmissions.

**RH under cab DPF/SCR w/ RH SOC vertical tailpipe. 0**

For use w/ daycabs, extended daycabs, or modular sleepers. T660 requires split fender hood

**Tailpipe: 5 in. single 36 in. 45 degree curved. 0**

For use with any Exhaust other than SCR Independent.

**Fleetguard filter/Water separator FS1003 w/WIF 0**

(water in fuel) sensor. For PACCAR PX-8/PX-9 or Cummins ISL engines.

**Kenworth Fuel Cooler 6**

Required for Cummins engines with a single fuel tank. Required for PACCAR MX-13 engine with a single fuel tank and stationary use: High RPM, low vehicle speed, sustained for longer than 1 hour. Optional for all other applications.

**Alternator: PACCAR 160 amp, brush type 0**

**Batteries: 2 PACCAR GP31 threaded post (700) 1400 0**

CCA dual purpose.

**Starter: PACCAR 12 volt electrical system. W/ 0**

centralized power distribution incorporating plug-in style relays. Circuit protection for serviceability, 12-volt light system w/circuit protection circuits number & color coded.

**Description Weight**

**Transmission & Clutch**

**Transmission: Fuller FSO8406A 6-speed synchro. 0**

\*Torque Limit: 860 pound-feet.

**Clutch: Eaton Fuller 14in. medium-duty manual 0**

adjustment 606-1000. Includes manual adjusting clutch cover, extended grease fitting for clutch bearing and cross shaft, and synthetic lubricant for the transmission.

**Driveline: 2 medium-duty 1 centerbearing. 55**

\*Med duty is 1760 series.

**Chassis will be fitted w/LH transmission PTO. 0**

(PREVENTS ECU F/INTERFERING W/PTO ONLY)

#### **Front Axle & Equipment**

**MERITOR MFS12E 12.5K 3.5in. drop standard track** 0

**Front Brakes: 14.6K Bendix ES s-cam 16.5x5 in. -62**

**Front Brake Drums: 14.6K 16.5x5 in. cast. 78**

**Front Hub: 14,600 lbs. aluminum hub pilot** 0

10-bolt, 11-1/4 in. bolt circle .

**ConMet PreSet Plus Hub package; front axle.** 0

**Hubcap: front vented.** 0

**Front Auto Slack Adjuster.** 0

**Front Springs: Taperleaf 12K w/ shock absorbers** 0

w/ maintenance-free elastomer spring pin bushings. Standard with rubber pins except for C500 which has threaded pins. Not available on W900L.

**Single power steering gear: 13.2K TRW TAS65. -1**

#### **Rear Axle & Equipment**

**Single Dana Spicer S21-170 single reduction rear** 0

axle. Single rear axle rated at 21K.

**Rear Axle Ratio - 4.10.** 0

**Single Rear Brakes 16-1/2x7 in. Bendix ES-** 0

extended service S-cam.

**Single Rear Brake Drums: cast.** 0

**Single Rear Hubs: Aluminum hub pilot 23K; 0**

11-1/4 in. bolt circle.

**ConMet PreSet Plus Hub package; single rear axle.** 0

**Single Rear axle automatic slack adjusters.** 0

**Spring Brake: 3030 high output single.** 0

**Bendix 4S/4M anti-lock brake system.** 0

#### **Description Weight**

**Rear suspension: single Reyco 79KB taperleaf 21K.** 0

Unladen Height: 11.0 in. Laden Height: 9.4 in. Not available with shocks or swaybars.

#### **Tires & Wheels**

**Front tires: Bridgestone R283ECOPIA 295/75R22.5** 0

14PR. 40.3 in. diameter, all position. 18.8 in. SLR. Smartway certified.

**Rear tires: Bridgestone R283ECOPIA 295/75R22.5** 0

14PR. 40.3 in. diameter, all position. 18.8 in. SLR. Smartway certified.

Code is priced per pair of tires.

**Rear Tire Quantity: 4** 0

**Front wheel: Accuride 50487 22.5x8.25 steel** 0

Steel Armor[TM] powder coat, hub pilot mount. 7400lb. maximum rating. 5-hand hole. Air disc brake compatible.

**Rear wheel: Accuride 50487 22.5x8.25 steel** 0

Steel Armor[TM] powder coat, hub pilot mount. 7400lb. maximum rating. 5-hand hole. Air disc brake compatible. Code is priced per pair of wheels.

**Powder coat white steel wheel. Use in conjunction** 0

with front, dual front, rear, spare or lift axle wheel code(s). All wheels on chassis must have same finish color.

**Rear Wheel/Rim Quantity: 4** 0

#### **Frame & Equipment**

**Frame Rails: 10-5/8 x 3-1/2 x 5/16 in. Steel to -23**

284 in. Truck frame weight is 2.91 lb.-in. per pair of rails. Section modulus is 14.80, RBM is 1,776,000 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.

**Bumper: Tapered painted steel channel.** 0

Requires a bumper setting code.

**50 in. Bumper setting. Requires a bumper code.** 0

**Front mudflaps.** 0

**Brackets, Front Drive: Aluminum up to 15,999 lbs.** 0

**Battery box cantilever aluminum BOC w/ 8**

fiberglass cover.

**Battery box location: LH Side.** 0

**T470,C5, T6, T8 non-polished DPF/SCR or CNG cover** 30  
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.

**Rear mudflap arms: Betts B-25 standard-duty,** 0  
straight. Includes B1732 mounting brackets as standard.

**Rear mudflap shields: White plastic antisail w/** 0

**Description Weight**

**Square end-of-frame w/ o crossmember;non-towing.** 0

**Fuel Tanks & Equip**

**Fuel Tank: 56 US gallon 22in. aluminum under** 0  
replace. Class 8 fuel tank includes an anti-siphon device on the filler neck.

**DEF tank clear BOC [CBOC], requires LH under cab** -23  
fuel tank. This tank has 6.9 gallons of useable volume. The tank will be  
located inboard of the LH under cab fuel tank. There is no frame space  
required to locate this tank. Not for use on sleeper chassis. 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.

**Standard DEF to fuel fill ratio: 2:1 or greater.** 0

**DEF tank location is on the LH.** 0

**Location: 56 gal fuel tank LH under cab** 0

**Cab & Equipment**

**Cab: Curved Glass Conventional.** 0

Cab Includes aluminum & fiberglass fully hucked cab w/ all aluminum  
bulkhead doors & continuous stainless steel piano-style door hinges.  
Single electric horn standard. Incandescent exterior lights include  
diagnosable bulb detection and warning. Trailer cable on tractors includes  
integrity detection. Standard features include multiplex wiring for interior  
lights, automated pre-trip inspection, short and open check diagnostics.  
Warning alarm will sound when lights are left on.

**Hood: Sloped Aerodynamic T440 Hood.** 0

Includes hood and mounted grille, split fenders w/ mudflaps, & separate  
bumper.

**Cab heater: W/integral defrosters & A/C 45,000** 0

btu cab heater. No sleeper heater/AC. Includes 5 mode rotary control.  
T660 include filter media.

**Steering wheel: 18 in. 4-spoke.** 0

**KW Driver Information Center: Includes fuel** 0

economy, RPM display, trip information, truck information, diagnostics,  
gear display, alarm clock.

**Instrument package: Includes speedometer,** 0

tachometer, fuel gauge, engine coolant temperature gauge, engine oil  
pressure, voltmeter. Class 8 also includes primary & secondary air  
reservoir gauges & an air application gauge. DEF level gauge and warning  
lamp are included with 2010+ engines. Engine hour meter and outside air  
temperature readouts are standard. Primary read out will be MPH. Add  
8240620 to switch primary scale to KPH in Canada.

**Large flat panel on dash For customer-installed** 0

controls. Reduces gauge count by 6.

**Description Weight**

**Cab Interior: Summit. T440/T470 Only. Includes** 0

smooth upholstered side & back panels w/stitched accent lines,  
upholstered door pads, full vinyl headliner, black dash panels & black  
rubber floor mats.

**Interior color: Slate Gray w/trim Dark Slate Gray** 0

**Driver seat: Kenworth Air cushion Plus HB cloth.** 0

Standard features includes 7 in. fore and aft slide adjustment w/isolator, 6-  
23 degree recline, air suspension with cover, dual armrests, and single  
chamber air lumbar support. Seat cushion is 20 inches wide w/ 2-position  
tilt and 2-position front cushion extension. Seat material has a horizontal  
stitch pattern and is 2-tone in color. Seat back is carpeted and includes a  
map pocket. Seat is manufactured by National. Includes inside visor and  
retractable 3-point matching seat belts. Grey seat belts.

**Rider seat: Kenworth Toolbox Plus HB cloth.** 0

Standard features include fixed base and backrest, tool box seat base w/



door, and dual armrests. Seat cushion is 19.5 inches. Seat material has a horizontal stitch pattern and is 2-tone in color. Seat back is carpeted with a map pocket. Seat is manufactured by National. Includes inside visor and retractable 3-point matching seat belts. Grey seat belts.

**Seat color: Dark Slate Gray. 0**

**Non-self cancelling turn signal: W/column-mounted 0**

headlight dimmer switch & intermittent wiper control.

**Electric LH & RH door locks. 0**

**Cab access contoured grabhandles, LH/RH. 0**

**Grabhandle LH inside door frame above dash. 0**

**Grabhandle RH inside door frame above dash. 0**

**DAYLITE DOOR: LH/RH INCL RH PEEPER WINDOW 0**

**Single air horn under cab. 0**

**Single convex mirror 8-1/2 in. x 4-7/16 in. 0**

located on rider side, and non-heated.

**Mirror: Dual Prutsman mirror 7 in. x 16 in. 0**

polished stainless steel, and non-heated.

**Mirror brackets 8-1/2 ft load width. 0**

**Rear Cab Stationary Window 17 in. x 36 in. 0**

**Manual LH & electric-powered RH door window. 0**

Switch located on door.

**One-piece windshield, w/ curved glass. 0**

**Lights & Instruments**

**Headlamps: Halogen Projector Low Beam, Halogen 0**

Complex Reflector High Beam

**Marker Lights: with small round base, 0**

Five cab roof mounted.

**Turn Signal Lights: Mounted on fender 0**

**Description Weight**

**Combination Stop, Tail, Turn & Backup Lights RH 0**

& LH.

**Marker Lights: Interrupter switch. 0**

Included in Turn Signal for all models except T3. The T3 switch is in the dash.

**Air Equipment**

**Air Dryer: Bendix AD-IS heated. 0**

**Moisture ejection valve w/ pull cable drain. 0**

**Nylon air tubing in frame & cab, excluding hoses 0**

subject to excessive heat or flexing.

**Extended Warranty**

**Medium-duty Warranty: 1-year/unlimited mi. 0**

**Miscellaneous**

**GHG Secondary Manufacturer: Does Not Apply 0**

**Paint**

**Paint color number. 0**

N97020 A - L0006 WHITE

N97200 FRAME N0001 BLACK

N97700 BUMPER N0001 BLACK

**Steel Bumper Painted Frame Color 0**

**Day Cab Standard Paint 0**

**1 - Color Paint - Day Cab 0**

Color will be White L0006EB if no other color is specified.

**Base coat/clear coat. 0**

The Kenworth Color Selector contains additional instructions, as well as information on Kenworth paint guidelines and surface finish applications.

Kenworth is standard with Dupont Imron Elite paint.

Total Weight 11668

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**H-GAC Product Code: H8**  
**T440, Conv. Cab, SBFA, TRA**

## Vehicle Summary

### Unit Chassis

Model: T400 Series Conventional. Fr Axle Load (lbs): 12000

Type: FULL TRUCK Rr Axle Load (lbs) 38000

Description: T440 - TRA G.C.W. (lbs): 50000

### Application Road Conditions:

Intended Serv.: Local pickup & delivery.

Vehicles which haul Class A (Highway) 90

Commodity: Other building materials Class B (Hwy/Mtn) 10

Class C (Off-Hwy) 00

**Body** Class D (Off-Road) 00

Type: Van Maximum Grade: 6

Length (ft): 10.0 Wheelbase (in): 177

Height (ft): 13.5 Overhang (in): 60

Max Laden Weight (lbs): 4000 Fr Axle to BOC (in): 67

Cab to Axle (in): 110

**Trailer** Cab to EOF (in): 170

No. of Trailer Axles: 0 Overall Comb. Length

(in): 287

Type:

Length (ft): 0.0 **Special Req.**

Height (ft): 0.0 U.S. Domestic Registry, 50-State

Kingpin Inset (in): 0

Corner Radius (in): 0

### Restrictions

Length (ft): 120

Width (in): 102

Height (ft): 13.5

### Description Weight

#### Model

**T400 Series Conventional.** 11,600

**T440 6x4 Class 8 0**

**CARB Idle Emissions Reduction Feature for PX-7 0**

and PX-9

**T440 6x4 Class 8 0**

**Other building materials 0**

**Local pickup & delivery. Vehicles which haul 0**

freight, typically operating within a 100-mile radius, on public streets &

highways, & other paved surfaces, including limited Class C roads.

Includes package & freight delivery, as well as fuel oil or petroleum distribution, etc. Road usage: minimum 3% Class B, do not code for Class D.

**Van 0**

**U.S. Domestic Registry, 50-State 0**

### Engine & Equipment

**PACCAR PX-9 260 2013 260@2200 720@1300. 0**

Includes turbo exhaust brake, no code is used. Diagnostic Plug for data

link, Oil Cooler, Aluminum Flywheel Housing.

N09200 N205 120..Standard Maximum Speed Limit [LSL]

N09220 N207 0....Expiration Distance

N09240 P09 120...Hard Maximum Speed Limit

N09260 P14 64...Maximum Accelerator Pedal Vehicle Speed

N09280 P16 0....Accelerator Lower Droop

N09300 P19 64...Maximum Cruise Speed

N09320 C143 0....Cruise Control Lower Droop

N09360 N203 252..Reserve Speed Function Reset Distance

N09380 N202 0....Maximum Cycle Distance

N09400 N206 10...Maximum Active Distance

N09420 N201 0....Reserve Speed Limit Offset

N09440 P11 No...Engine Protection Shutdown

N09460 P06 No...Gear Down Protection  
N09480 P26 1400.Max PTO Speed  
N09500 P02 No...Cruise Control Auto Resume  
N09520 P04 No...Auto Engine Brake in Cruise  
N09540 N209 0....Expiration Distance  
N09560 P520 Yes..Enable Idle Shutdown Park Brake Set  
N09580 P32 5....Timer Setting  
N09600 P233 Yes..Enable Impending Shutdown Warning

**Description Weight**

N09620 P234 60...Timer For Impending Shutdown Warning  
N09640 P516 35...Engine Load Threshold  
N09680 P33 No...Idle Shutdown Manual Override  
N09720 P230 Yes..Enable Hot Ambient Automatic Override  
N09740 P46 40...Low Ambient Temperature Threshold  
N09760 P56 60...Intermediate Ambient Temperature Threshold  
N09780 P47 80...High Ambient Temperature Threshold

**Prospector version 36.1 0**

Supersedes previous version 36.02

**Effective VSL Setting NA 0**

**Engine Idle Shutdown Timer Disabled 0**

**Enable EIST Ambient Temp Override 0**

**Enable EIST in PTO Mode 0**

Use only with MX and Cummins engines

**Eff EIST NA Expiration Miles 0**

Use only with MX and Cummins engines

**Air compressor: Cummins 18.7 CFM, Cummins, PACCAR 0**

PX engines.

**Engine mount Powercore air cleaner. 0**

w/constant torque SS clamps, pop-up air restriction indicator. Pop-up indicator is standard.

**Fan Hub: Borg Warner On/Off for PX-9 or ISLG 0**

**Cooling module: 1300 square inches On-off fan 0**

hub, nylon fan blade, translucent top tank, aluminum core, air-to-air heat exchanger/aftercooler, high performance fan ring shroud, silicone coolant hoses w/ constant torque clamps, long life antifreeze. Drain valve is not available w/Allison transmissions.

**RH under cab DPF/SCR w/ RH SOC vertical tailpipe. 0**

For use w/ daycabs, extended daycabs, or modular sleepers. T660 requires split fender hood

**Tailpipe: 5 in. single 36 in. 45 degree curved. 0**

For use with any Exhaust other than SCR Independent.

**Fleetguard filter/Water separator FS1003 w/WIF 0**

(water in fuel) sensor. For PACCAR PX-8/PX-9 or Cummins ISL engines.

**Kenworth Fuel Cooler 6**

Required for Cummins engines with a single fuel tank. Required for PACCAR MX-13 engine with a single fuel tank and stationary use: High RPM, low vehicle speed, sustained for longer than 1 hour. Optional for all other applications.

**Alternator: PACCAR 160 amp, brush type 0**

**Batteries: 2 PACCAR GP31 threaded post (700) 1400 0**

CCA dual purpose.

**Starter: PACCAR 12 volt electrical system. W/ 0**

centralized power distribution incorporating plug-in style relays. Circuit protection for serviceability, 12-volt light system w/circuit protection circuits number & color coded.

**Description Weight**

**Transmission & Clutch**

**Transmission: Fuller RT8709B 9-speed. 182**

\*Torque Limit: 860 pound-feet.

**Clutch: Eaton Fuller 14in. medium-duty manual 0**

adjustment 606-1000. Includes manual adjusting clutch cover, extended grease fitting for clutch bearing and cross shaft, and synthetic lubricant for the transmission.

**Driveline: 2 medium-duty 1 centerbearing. 55**

\*Med duty is 1760 series.

**Chassis will be fitted w/LH transmission PTO. 0**

(PREVENTS ECU F/INTERFERING W/PTO ONLY)

#### **Front Axle & Equipment**

**MERITOR MFS12E 12.5K 3.5in. drop standard track 0**

**Front Brakes: 14.6K Bendix ES s-cam 16.5x5 in. -62**

**Front Brake Drums: 14.6K 16.5x5 in. cast. 78**

**Front Hub: 14,600 lbs. aluminum hub pilot 0**

10-bolt, 11-1/4 in. bolt circle .

**ConMet PreSet Plus Hub package; front axle. 0**

**Hubcap: front vented. 0**

**Front Auto Slack Adjuster. 0**

**Front Springs: Taperleaf 12K w/ shock absorbers 0**

w/ maintenance-free elastomer spring pin bushings. Standard with rubber pins except for C500 which has threaded pins. Not available on W900L.

**Single power steering gear: 13.2K TRW TAS65. -1**

#### **Rear Axle & Equipment**

**Dual Meritor MT40-14X3 Hypoid rear axle 1,949**

rated at 40K. Tandem rear axle.

**Rear Axle Ratio - 4.11. 0**

**Dual Rear Brakes 16-1/2x7 in. to 46K; 0**

Bendix ES-extended service S-cam.

**Dual Rear Brake Drums: cast. 0**

**Dual Rear Hubs: Aluminum hub pilot 46K 0**

11-1/4 in. bolt circle.

**ConMet PreSet Plus Hub package; dual rear axle. 0**

**Dual Rear axle automatic slack adjusters. 0**

**Spring Brake: 3030 high output dual. 0**

**Bendix 4S/4M anti-lock brake system. 0**

#### **Description Weight**

**Rear suspension: Tandem Reyco 102 38K. 482**

4-spring multileaf & 52 in. axle spacing. Steel crossmembers & gussets.

Unladen Height: 10.8 in. Laden Height: 9.2 in.

#### **Tires & Wheels**

**Front tires: Bridgestone R283ECOPIA 295/75R22.5 0**

14PR. 40.3 in. diameter, all position. 18.8 in. SLR. Smartway certified.

**Rear tires: Bridgestone R283ECOPIA 295/75R22.5 0**

14PR. 40.3 in. diameter, all position. 18.8 in. SLR. Smartway certified.

Code is priced per pair of tires.

**Rear Tire Quantity: 8 0**

**Front wheel: Accuride 50487 22.5x8.25 steel 0**

Steel Armor[TM] powder coat, hub pilot mount. 7400lb. maximum rating. 5-hand hole. Air disc brake compatible.

**Rear wheel: Accuride 50487 22.5x8.25 steel 0**

Steel Armor[TM] powder coat, hub pilot mount. 7400lb. maximum rating. 5-hand hole. Air disc brake compatible. Code is priced per pair of wheels.

**Powder coat white steel wheel. Use in conjunction 0**

with front, dual front, rear, spare or lift axle wheel code(s). All wheels on chassis must have same finish color.

**Rear Wheel/Rim Quantity: 8 0**

#### **Frame & Equipment**

**Frame Rails: 10-5/8 x 3-1/2 x 5/16 in. Steel to 56**

285 in. to 336 in. Truck frame weight is 2.91 lb.-in. per pair of rails. Section modulus is 14.80, RBM is 1,776,000 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.

**Bumper: Tapered painted steel channel. 0**

Requires a bumper setting code.

**50 in. Bumper setting. Requires a bumper code. 0**

**Front mudflaps. 0**

**Brackets, Front Drive: Aluminum up to 15,999 lbs. 0**

**Battery box cantilever aluminum BOC w/ 8**

fiberglass cover.

**Battery box location: LH Side. 0**

**T470,C5, T6, T8 non-polished DPF/SCR or CNG cover** 30  
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.

**Rear mudflap arms: Betts B-25 standard-duty,** 0  
straight. Includes B1732 mounting brackets as standard.

**Description Weight**

**Rear mudflap shields: White plastic antisail w/** 0  
Kenworth logo.

**Square end-of-frame w/ o crossmember;non-towing.** 0

**Fuel Tanks & Equip**

**Fuel Tank: 56 US gallon 22in. aluminum under** 0  
replace. Class 8 fuel tank includes an anti-siphon device on the filler neck.

**DEF tank clear BOC [CBOC], requires LH under cab** -23  
fuel tank. This tank has 6.9 gallons of useable volume. The tank will be  
located inboard of the LH under cab fuel tank. There is no frame space  
required to locate this tank. Not for use on sleeper chassis. 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.

**Standard DEF to fuel fill ratio: 2:1 or greater.** 0

**DEF tank location is on the LH.** 0

**Location: 56 gal fuel tank LH under cab** 0

**Cab & Equipment**

**Cab: Curved Glass Conventional.** 0

Cab Includes aluminum & fiberglass fully hucked cab w/ all aluminum  
bulkhead doors & continuous stainless steel piano-style door hinges.  
Single electric horn standard. Incandescent exterior lights include  
diagnosable bulb detection and warning. Trailer cable on tractors includes  
integrity detection. Standard features include multiplex wiring for interior  
lights, automated pre-trip inspection, short and open check diagnostics.  
Warning alarm will sound when lights are left on.

**Hood: Sloped Aerodynamic T440 Hood.** 0

Includes hood and mounted grille, split fenders w/ mudflaps, & separate  
bumper.

**Cab heater: W/integral defrosters & A/C** 45,000 0

btu cab heater. No sleeper heater/AC. Includes 5 mode rotary control.  
T660 include filter media.

**Steering wheel: 18 in. 4-spoke.** 0

**KW Driver Information Center: Includes fuel** 0

economy, RPM display, trip information, truck information, diagnostics,  
gear display, alarm clock.

**Instrument package: Includes speedometer,** 0

tachometer, fuel gauge, engine coolant temperature gauge, engine oil  
pressure, voltmeter. Class 8 also includes primary & secondary air  
reservoir gauges & an air application gauge. DEF level gauge and warning  
lamp are included with 2010+ engines. Engine hour meter and outside air  
temperature readouts are standard. Primary read out will be MPH. Add  
8240620 to switch primary scale to KPH in Canada.

**Large flat panel on dash For customer-installed** 0

controls. Reduces gauge count by 6.

**Description Weight**

**Cab Interior: Summit. T440/T470 Only. Includes** 0

smooth upholstered side & back panels w/stitched accent lines,  
upholstered door pads, full vinyl headliner, black dash panels & black  
rubber floor mats.

**Interior color: Slate Gray w/trim Dark Slate Gray** 0

**Driver seat: Kenworth Air cushion Plus HB cloth.** 0

Standard features includes 7 in. fore and aft slide adjustment w/isolator, 6-  
23 degree recline, air suspension with cover, dual armrests, and single  
chamber air lumbar support. Seat cushion is 20 inches wide w/ 2-position  
tilt and 2-position front cushion extension. Seat material has a horizontal  
stitch pattern and is 2-tone in color. Seat back is carpeted and includes a  
map pocket. Seat is manufactured by National. Includes inside visor and  
retractable 3-point matching seat belts. Grey seat belts.

**Rider seat: Kenworth Toolbox Plus HB cloth.** 0

Standard features include fixed base and backrest, tool box seat base w/ door, and dual armrests. Seat cushion is 19.5 inches. Seat material has a horizontal stitch pattern and is 2-tone in color. Seat back is carpeted with a map pocket. Seat is manufactured by National. Includes inside visor and retractable 3-point matching seat belts. Grey seat belts.

**Seat color: Dark Slate Gray.** 0

**Non-self cancelling turn signal: W/column-mounted** 0  
headlight dimmer switch & intermittent wiper control.

**Electric LH & RH door locks.** 0

**Cab access contoured grabhandles, LH/RH.** 0

**Grabhandle LH inside door frame above dash.** 0

**Grabhandle RH inside door frame above dash.** 0

**DAYLITE DOOR: LH/RH INCL RH PEEPER WINDOW** 0

**Single air horn under cab.** 0

**Single convex mirror 8-1/2 in. x 4-7/16 in.** 0

located on rider side, and non-heated.

**Mirror: Dual Prutsman mirror 7 in. x 16 in.** 0

polished stainless steel, and non-heated.

**Mirror brackets 8-1/2 ft load width.** 0

**Rear Cab Stationary Window 17 in. x 36 in.** 0

**Manual LH & electric-powered RH door window.** 0

Switch located on door.

**One-piece windshield, w/ curved glass.** 0

**Lights & Instruments**

**Headlamps: Halogen Projector Low Beam, Halogen** 0

Complex Reflector High Beam

**Marker Lights: with small round base,** 0

Five cab roof mounted.

**Turn Signal Lights: Mounted on fender** 0

**Description Weight**

**Combination Stop, Tail, Turn & Backup Lights RH** 0

& LH.

**Marker Lights: Interrupter switch.** 0

Included in Turn Signal for all models except T3. The T3 switch is in the dash.

**Air Equipment**

**Air Dryer: Bendix AD-IS heated.** 0

**Moisture ejection valve w/ pull cable drain.** 0

**Nylon air tubing in frame & cab, excluding hoses** 0

subject to excessive heat or flexing.

**Extended Warranty**

**Standard Warranty.** 0

**Miscellaneous**

**GHG Secondary Manufacturer: Does Not Apply** 0

**Paint**

**Paint color number.** 0

N97020 A - L0006 WHITE

N97200 FRAME N0001 BLACK

N97700 BUMPER N0001 BLACK

**Steel Bumper Painted Frame Color** 0

**Day Cab Standard Paint** 0

**1 - Color Paint - Day Cab** 0

Color will be White L0006EB if no other color is specified.

**Base coat/clear coat.** 0

The Kenworth Color Selector contains additional instructions, as well as information on Kenworth paint guidelines and surface finish applications.

Kenworth is standard with Dupont Imron Elite paint.

Total Weight 14360

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**H-GAC Product Code: H9**  
**T470, Conv. Cab, SBFA, SRA**

## Vehicle Summary

### Unit Chassis

Model: T400 Series Conventional. Fr Axle Load (lbs): 12000

Type: FULL TRUCK Rr Axle Load (lbs) 21000

Description: T470 - SRA G.C.W. (lbs): 33000

### Application Road Conditions:

Intended Serv.: Local pickup & delivery.

Vehicles which haul Class A (Highway) 90

Commodity: Other building materials Class B (Hwy/Mtn) 10

Class C (Off-Hwy) 00

**Body** Class D (Off-Road) 00

Type: Van Maximum Grade: 6

Length (ft): 10.0 Wheelbase (in): 150

Height (ft): 13.5 Overhang (in): 60

Max Laden Weight (lbs): 4000 Fr Axle to BOC (in): 67

Cab to Axle (in): 83

**Trailer** Cab to EOF (in): 143

No. of Trailer Axles: 0 Overall Comb. Length  
(in): 260

Type:

Length (ft): 0.0 **Special Req.**

Height (ft): 0.0 U.S. Domestic Registry, 50-State

Kingpin Inset (in): 0

Corner Radius (in): 0

### Restrictions

Length (ft): 120

Width (in): 102

Height (ft): 13.5

### Description Weight

#### Model

**T400 Series Conventional.** 11,600

**T470 4x2 Medium Duty** 0

**CARB Idle Emissions Reduction Feature for PX-7** 0

and PX-9

**T470 4x2 Medium Duty** 0

**Other building materials** 0

**Local pickup & delivery. Vehicles which haul** 0

freight, typically operating within a 100-mile radius, on public streets & highways, & other paved surfaces, including limited Class C roads.

Includes package & freight delivery, as well as fuel oil or petroleum distribution, etc. Road usage: minimum 3% Class B, do not code for Class D.

**Van** 0

**U.S. Domestic Registry, 50-State** 0

### Engine & Equipment

**PACCAR PX-9 260 2013 260@2200 720@1300.** 0

Includes turbo exhaust brake, no code is used. Diagnostic Plug for data link, Oil Cooler, Aluminum Flywheel Housing.

N09200 N205 120..Standard Maximum Speed Limit [LSL]

N09220 N207 0....Expiration Distance

N09240 P09 120...Hard Maximum Speed Limit

N09260 P14 64...Maximum Accelerator Pedal Vehicle Speed

N09280 P16 0....Accelerator Lower Droop

N09300 P19 64...Maximum Cruise Speed

N09320 C143 0....Cruise Control Lower Droop

N09360 N203 252..Reserve Speed Function Reset Distance

N09380 N202 0....Maximum Cycle Distance

N09400 N206 10...Maximum Active Distance

N09420 N201 0....Reserve Speed Limit Offset

N09440 P11 No...Engine Protection Shutdown

N09460 P06 No...Gear Down Protection  
N09480 P26 1400.Max PTO Speed  
N09500 P02 No...Cruise Control Auto Resume  
N09520 P04 No...Auto Engine Brake in Cruise  
N09540 N209 0....Expiration Distance  
N09560 P520 Yes..Enable Idle Shutdown Park Brake Set  
N09580 P32 5....Timer Setting  
N09600 P233 Yes..Enable Impending Shutdown Warning

**Description Weight**

N09620 P234 60...Timer For Impending Shutdown Warning  
N09640 P516 35...Engine Load Threshold  
N09680 P33 No...Idle Shutdown Manual Override  
N09720 P230 Yes..Enable Hot Ambient Automatic Override  
N09740 P46 40...Low Ambient Temperature Threshold  
N09760 P56 60...Intermediate Ambient Temperature Threshold  
N09780 P47 80...High Ambient Temperature Threshold

**Prospector version 36.1 0**

Supersedes previous version 36.02

**Effective VSL Setting NA 0**

**Engine Idle Shutdown Timer Enabled 0**

**Enable EIST Ambient Temp Override 0**

**Enable EIST in PTO Mode 0**

Use only with MX and Cummins engines

**Eff EIST NA Expiration Miles 0**

Use only with MX and Cummins engines

**Air compressor: Cummins 18.7 CFM, Cummins, PACCAR 0**

PX engines.

**Engine mount Powercore air cleaner. 0**

w/constant torque SS clamps, pop-up air restriction indicator. Pop-up indicator is standard.

**Fan Hub: Borg Warner On/Off for PX-9 or ISLG 0**

**Cooling module: 1000 square inches 0**

T170/T270/T370/T470. Includes metal surge tank on T170/T270/T370.

**RH under cab DPF/SCR w/ RH SOC vertical tailpipe. 0**

For use w/ daycabs, extended daycabs, or modular sleepers. T660 requires split fender hood

**Tailpipe: 5 in. single 36 in. 45 degree curved. 0**

For use with any Exhaust other than SCR Independent.

**Fleetguard filter/Water separator FS1003 w/WIF 0**

(water in fuel) sensor. For PACCAR PX-8/PX-9 or Cummins ISL engines.

**Kenworth Fuel Cooler 6**

Required for Cummins engines with a single fuel tank. Required for PACCAR MX-13 engine with a single fuel tank and stationary use: High RPM, low vehicle speed, sustained for longer than 1 hour. Optional for all other applications.

**Alternator: PACCAR 160 amp, brush type 0**

**Batteries: 2 PACCAR GP31 threaded post (700) 1400 0**

CCA dual purpose.

**Starter: PACCAR 12 volt electrical system. W/ 0**

centralized power distribution incorporating plug-in style relays. Circuit protection for serviceability, 12-volt light system w/circuit protection circuits number & color coded.

**Transmission & Clutch**

**Description Weight**

**Transmission: Fuller FSO8406A 6-speed synchro. 0**

\*Torque Limit: 860 pound-feet.

**Clutch: Eaton Fuller 14in. medium-duty manual 0**

adjustment 606-1000. Includes manual adjusting clutch cover, extended grease fitting for clutch bearing and cross shaft, and synthetic lubricant for the transmission.

**Driveline: 2 medium-duty 1 centerbearing. 55**

\*Med duty is 1760 series.

**Chassis will be fitted w/LH transmission PTO. 0**

(PREVENTS ECU F/INTERFERING W/PTO ONLY)

**Front Axle & Equipment**

**MERITOR MFS12E 12.5K 3.5in. drop standard track 0**



**Front Brakes: 14.6K Bendix ES s-cam 16.5x5 in. -62**

**Front Brake Drums: 14.6K 16.5x5 in. cast. 78**

**Front Hub: 14,600 lbs. aluminum hub pilot 0**

10-bolt, 11-1/4 in. bolt circle .

**ConMet PreSet Plus Hub package; front axle. 0**

**Hubcap: front vented. 0**

**Front Auto Slack Adjuster. 0**

**Front Springs: Taperleaf 12K w/ shock absorbers 0**

w/ maintenance-free elastomer spring pin bushings. Standard with rubber pins except for C500 which has threaded pins. Not available on W900L.

**Single power steering gear: 13.2K TRW TAS65. -1**

**Power Steering Cooler: Radiator mounted air to 11**

oil 2007+ engines only. 2899362 is optional w/ 2006 or 2007 engines.

**Rear Axle & Equipment**

**Single Dana Spicer S21-170 single reduction rear 0**

axle. Single rear axle rated at 21K.

**Rear Axle Ratio - 4.10. 0**

**Single Rear Brakes 16-1/2x7 in. Bendix ES- 0**

extended service S-cam.

**Single Rear Brake Drums: cast. 0**

**Single Rear Hubs: Aluminum hub pilot 23K; 0**

11-1/4 in. bolt circle.

**ConMet PreSet Plus Hub package; single rear axle. 0**

**Single Rear axle automatic slack adjusters. 0**

**Spring Brake: 3030 high output single. 0**

**Bendix 4S/4M anti-lock brake system. 0**

**Description Weight**

**Rear suspension: single Reyco 79KB taperleaf 21K. 0**

Unladen Height: 11.0 in. Laden Height: 9.4 in. Not available with shocks or swaybars.

**Tires & Wheels**

**Front tires: Bridgestone R283ECOPIA 295/75R22.5 0**

14PR. 40.3 in. diameter, all position. 18.8 in. SLR. Smartway certified.

**Rear tires: Bridgestone R283ECOPIA 295/75R22.5 0**

14PR. 40.3 in. diameter, all position. 18.8 in. SLR. Smartway certified.

Code is priced per pair of tires.

**Rear Tire Quantity: 4 0**

**Front wheel: Accuride 50487 22.5x8.25 steel 0**

Steel Armor[TM] powder coat, hub pilot mount. 7400lb. maximum rating. 5-hand hole. Air disc brake compatible.

**Rear wheel: Accuride 50487 22.5x8.25 steel 0**

Steel Armor[TM] powder coat, hub pilot mount. 7400lb. maximum rating. 5-hand hole. Air disc brake compatible. Code is priced per pair of wheels.

**Powder coat white steel wheel. Use in conjunction 0**

with front, dual front, rear, spare or lift axle wheel code(s). All wheels on chassis must have same finish color.

**Rear Wheel/Rim Quantity: 4 0**

**Frame & Equipment**

**Frame Rails: 10-5/8 x 3-1/2 x 5/16 in. Steel to -20**

284 in. Truck frame weight is 2.91 lb.-in. per pair of rails. Section modulus is 14.80, RBM is 1,776,000 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.

**Bumper: Tapered painted steel channel. 0**

Requires a bumper setting code.

**50.5in. Bumper setting. Requires a bumper code. 0**

**Front mudflaps. 0**

**Brackets, Front Drive: Aluminum up to 15,999 lbs. 0**

**Battery box cantilever aluminum BOC w/ 8**

fiberglass cover.

**Battery box location: LH Side. 0**

**T470,C5, T6, T8 non-polished DPF/SCR or CNG cover 30**

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.

**Rear mudflap arms: Betts B-25 standard-duty, 0**  
straight. Includes B1732 mounting brackets as standard.

**Rear mudflap shields: White plastic antisail w/ 0**  
Kenworth logo.

#### **Description Weight**

**Square end-of-frame w/ o crossmember;non-towing. 0**

#### **Fuel Tanks & Equip**

**Fuel Tank: 56 US gallon 22in. aluminum under 0**

replace. Class 8 fuel tank includes an anti-siphon device on the filler neck.

**DEF tank clear BOC [CBOC], requires LH under cab -23**

fuel tank. This tank has 6.9 gallons of useable volume. The tank will be located inboard of the LH under cab fuel tank. There is no frame space required to locate this tank. Not for use on sleeper chassis. 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.

**Standard DEF to fuel fill ratio: 2:1 or greater. 0**

**DEF tank location is on the LH. 0**

**Location: 56 gal fuel tank LH under cab 0**

#### **Cab & Equipment**

**Cab: Curved Glass Conventional. 0**

Cab Includes aluminum & fiberglass fully hucked cab w/ all aluminum bulkhead doors & continuous stainless steel piano-style door hinges. Single electric horn standard. Incandescent exterior lights include diagnosable bulb detection and warning. Trailer cable on tractors includes integrity detection. Standard features include multiplex wiring for interior lights, automated pre-trip inspection, short and open check diagnostics. Warning alarm will sound when lights are left on.

**Hood: T470 Sloped Hood for straight rail. 0**

Includes radiator mounted grille, split fenders, mudflaps, & separate bumper.

**Cab heater: W/integral defrosters & A/C 45,000 0**

btu cab heater. No sleeper heater/AC. Includes 5 mode rotary control. T660 include filter media.

**Steering wheel: 18 in. 4-spoke. 0**

**KW Driver Information Center: Includes fuel 0**

economy, RPM display, trip information, truck information, diagnostics, gear display, alarm clock.

**Instrument package: Includes speedometer, 0**

tachometer, fuel gauge, engine coolant temperature gauge, engine oil pressure, voltmeter. Class 8 also includes primary & secondary air reservoir gauges & an air application gauge. DEF level gauge and warning lamp are included with 2010+ engines. Engine hour meter and outside air temperature readouts are standard. Primary read out will be MPH. Add 8240620 to switch primary scale to KPH in Canada.

**Large flat panel on dash For customer-installed 0**

controls. Reduces gauge count by 6.

#### **Description Weight**

**Cab Interior: Summit. T440/T470 Only. Includes 0**

smooth upholstered side & back panels w/stitched accent lines, upholstered door pads, full vinyl headliner, black dash panels & black rubber floor mats.

**Interior color: Slate Gray w/trim Dark Slate Gray 0**

**Driver seat: Kenworth Air cushion Plus HB cloth. 0**

Standard features includes 7 in. fore and aft slide adjustment w/isolator, 6-23 degree recline, air suspension with cover, dual armrests, and single chamber air lumbar support. Seat cushion is 20 inches wide w/ 2-position tilt and 2-position front cushion extension. Seat material has a horizontal stitch pattern and is 2-tone in color. Seat back is carpeted and includes a map pocket. Seat is manufactured by National. Includes inside visor and retractable 3-point matching seat belts. Grey seat belts.

**Rider seat: Kenworth Toolbox Plus HB cloth. 0**

Standard features include fixed base and backrest, tool box seat base w/ door, and dual armrests. Seat cushion is 19.5 inches. Seat material has a

horizontal stitch pattern and is 2-tone in color. Seat back is carpeted with a map pocket. Seat is manufactured by National. Includes inside visor and retractable 3-point matching seat belts. Grey seat belts.

**Seat color: Dark Slate Gray.** 0

**Non-self cancelling turn signal: W/column-mounted** 0

headlight dimmer switch & intermittent wiper control.

**Electric LH & RH door locks.** 0

**Cab access contoured grabhandles, LH/RH.** 0

**Grabhandle LH inside door frame above dash.** 0

**Grabhandle RH inside door frame above dash.** 0

**DAYLITE DOOR: LH/RH INCL RH PEEPER WINDOW** 0

**Single air horn under cab.** 0

**Single convex mirror 8-1/2 in. x 4-7/16 in.** 0

located on rider side, and non-heated.

**Mirror: Dual Prutsman mirror 7 in. x 16 in.** 0

polished stainless steel, and non-heated.

**Mirror brackets 8-1/2 ft load width.** 0

**Rear Cab Stationary Window 17 in. x 36 in.** 0

**Manual LH & electric-powered RH door window.** 0

Switch located on door.

**One-piece windshield, w/ curved glass.** 0

**Lights & Instruments**

**Headlamps: Halogen Projector Low Beam, Halogen** 0

Complex Reflector High Beam

**Marker Lights: with small round base,** 0

Five cab roof mounted.

**Turn Signal Lights: Mounted on fender** 0

**Description Weight**

**Combination Stop, Tail, Turn & Backup Lights RH** 0

& LH.

**Marker Lights: Interrupter switch.** 0

Included in Turn Signal for all models except T3. The T3 switch is in the dash.

**Air Equipment**

**Air Dryer: Bendix AD-IS heated.** 0

**Moisture ejection valve w/ pull cable drain.** 0

**Nylon air tubing in frame & cab, excluding hoses** 0

subject to excessive heat or flexing.

**Extended Warranty**

**Medium-duty Warranty: 1-year/unlimited mi.** 0

**Miscellaneous**

**GHG Secondary Manufacturer: Does Not Apply** 0

**Paint**

**Paint color number.** 0

N97020 A - L0006 WHITE

N97200 FRAME N0001 BLACK

N97700 BUMPER N0001 BLACK

**Steel Bumper Painted Frame Color** 0

**Day Cab Standard Paint** 0

**1 - Color Paint - Day Cab** 0

Color will be White L0006EB if no other color is specified.

**Base coat/clear coat.** 0

The Kenworth Color Selector contains additional instructions, as well as information on Kenworth paint guidelines and surface finish applications. Kenworth is standard with Dupont Imron Elite paint.

Total Weight 11682

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**H-GAC Product Code: H10**  
**T470, Conv. Cab, SBFA, TRA**

## Vehicle Summary

### Unit Chassis

Model: T400 Series Conventional. Fr Axle Load (lbs): 12000

Type: FULL TRUCK Rr Axle Load (lbs) 38000

Description: T470 - TRA G.C.W. (lbs): 50000

### Application Road Conditions:

Intended Serv.: Local pickup & delivery.

Vehicles which haul Class A (Highway) 90

Commodity: Other building materials Class B (Hwy/Mtn) 10

Class C (Off-Hwy) 00

**Body** Class D (Off-Road) 00

Type: Van Maximum Grade: 6

Length (ft): 10.0 Wheelbase (in): 177

Height (ft): 13.5 Overhang (in): 60

Max Laden Weight (lbs): 4000 Fr Axle to BOC (in): 67

Cab to Axle (in): 110

**Trailer** Cab to EOF (in): 170

No. of Trailer Axles: 0 Overall Comb. Length  
(in): 288

Type:

Length (ft): 0.0 **Special Req.**

Height (ft): 0.0 U.S. Domestic Registry, 50-State

Kingpin Inset (in): 0

Corner Radius (in): 0

### Restrictions

Length (ft): 120

Width (in): 102

Height (ft): 13.5

### Description Weight

#### Model

**T400 Series Conventional.** 11,600

**T470 6x4 Class 8** 0

**CARB Idle Emissions Reduction Feature for PX-7** 0  
and PX-9

**T470 6x4 Class 8** 0

**Other building materials** 0

**Local pickup & delivery. Vehicles which haul** 0

freight, typically operating within a 100-mile radius, on public streets & highways, & other paved surfaces, including limited Class C roads.

Includes package & freight delivery, as well as fuel oil or petroleum distribution, etc. Road usage: minimum 3% Class B, do not code for Class D.

**Van** 0

**U.S. Domestic Registry, 50-State** 0

### Engine & Equipment

**PACCAR PX-9 260 2013 260@2200 720@1300.** 0

Includes turbo exhaust brake, no code is used. Diagnostic Plug for data link, Oil Cooler, Aluminum Flywheel Housing.

N09200 N205 120..Standard Maximum Speed Limit [LSL]

N09220 N207 0....Expiration Distance

N09240 P09 120...Hard Maximum Speed Limit

N09260 P14 64...Maximum Accelerator Pedal Vehicle Speed

N09280 P16 0....Accelerator Lower Droop

N09300 P19 64...Maximum Cruise Speed

N09320 C143 0....Cruise Control Lower Droop

N09360 N203 252..Reserve Speed Function Reset Distance

N09380 N202 0....Maximum Cycle Distance

N09400 N206 10...Maximum Active Distance

N09420 N201 0....Reserve Speed Limit Offset

N09440 P11 No...Engine Protection Shutdown  
N09460 P06 No...Gear Down Protection  
N09480 P26 1400.Max PTO Speed  
N09500 P02 No...Cruise Control Auto Resume  
N09520 P04 No...Auto Engine Brake in Cruise  
N09540 N209 0....Expiration Distance  
N09560 P520 Yes..Enable Idle Shutdown Park Brake Set  
N09580 P32 5....Timer Setting  
N09600 P233 Yes..Enable Impending Shutdown Warning

**Description Weight**

N09620 P234 60...Timer For Impending Shutdown Warning  
N09640 P516 35...Engine Load Threshold  
N09680 P33 No...Idle Shutdown Manual Override  
N09720 P230 Yes..Enable Hot Ambient Automatic Override  
N09740 P46 40...Low Ambient Temperature Threshold  
N09760 P56 60...Intermediate Ambient Temperature Threshold  
N09780 P47 80...High Ambient Temperature Threshold

**Prospector version 36.1 0**

Supersedes previous version 36.02

**Effective VSL Setting NA 0**

**Engine Idle Shutdown Timer Disabled 0**

**Enable EIST Ambient Temp Override 0**

**Enable EIST in PTO Mode 0**

Use only with MX and Cummins engines

**Eff EIST NA Expiration Miles 0**

Use only with MX and Cummins engines

**Air compressor: Cummins 18.7 CFM, Cummins, PACCAR 0**

PX engines.

**Engine mount Powercore air cleaner. 0**

w/constant torque SS clamps, pop-up air restriction indicator. Pop-up indicator is standard.

**Fan Hub: Borg Warner On/Off for PX-9 or ISLG 0**

**Cooling module: 1000 square inches 0**

T170/T270/T370/T470. Includes metal surge tank on T170/T270/T370.

**RH under cab DPF/SCR w/ RH SOC vertical tailpipe. 0**

For use w/ daycabs, extended daycabs, or modular sleepers. T660 requires split fender hood

**Tailpipe: 5 in. single 36 in. 45 degree curved. 0**

For use with any Exhaust other than SCR Independent.

**Fleetguard filter/Water separator FS1003 w/WIF 0**

(water in fuel) sensor. For PACCAR PX-8/PX-9 or Cummins ISL engines.

**Kenworth Fuel Cooler 6**

Required for Cummins engines with a single fuel tank. Required for PACCAR MX-13 engine with a single fuel tank and stationary use: High RPM, low vehicle speed, sustained for longer than 1 hour. Optional for all other applications.

**Alternator: PACCAR 160 amp, brush type 0**

**Batteries: 2 PACCAR GP31 threaded post (700) 1400 0**

CCA dual purpose.

**Starter: PACCAR 12 volt electrical system. W/ 0**

centralized power distribution incorporating plug-in style relays. Circuit protection for serviceability, 12-volt light system w/circuit protection circuits number & color coded.

**Transmission & Clutch**

**Description Weight**

**Transmission: Fuller RT8709B 9-speed. 182**

\*Torque Limit: 860 pound-feet.

**Clutch: Eaton Fuller 14in. medium-duty manual 0**

adjustment 606-1000. Includes manual adjusting clutch cover, extended grease fitting for clutch bearing and cross shaft, and synthetic lubricant for the transmission.

**Driveline: 2 medium-duty 1 centerbearing. 55**

\*Med duty is 1760 series.

**Chassis will be fitted w/LH transmission PTO. 0**

(PREVENTS ECU F/INTERFERING W/PTO ONLY)

**Front Axle & Equipment**

**MERITOR MFS12E 12.5K 3.5in. drop standard track 0**

**Front Brakes: 14.6K Bendix ES s-cam 16.5x5 in. -62**

**Front Brake Drums: 14.6K 16.5x5 in. cast. 78**

**Front Hub: 14,600 lbs. aluminum hub pilot 0**

10-bolt, 11-1/4 in. bolt circle .

**ConMet PreSet Plus Hub package; front axle. 0**

**Hubcap: front vented. 0**

**Front Auto Slack Adjuster. 0**

**Front Springs: Taperleaf 12K w/ shock absorbers 0**

w/ maintenance-free elastomer spring pin bushings. Standard with rubber pins except for C500 which has threaded pins. Not available on W900L.

**Single power steering gear: 13.2K TRW TAS65. -1**

**Power Steering Cooler: Radiator mounted air to 11**

oil 2007+ engines only. 2899362 is optional w/ 2006 or 2007 engines.

**Rear Axle & Equipment**

**Dual Meritor MT40-14X3 Hypoid rear axle 1,949**

rated at 40K. Tandem rear axle.

**Rear Axle Ratio - 4.11. 0**

**Dual Rear Brakes 16-1/2x7 in. to 46K; 0**

Bendix ES-extended service S-cam.

**Dual Rear Brake Drums: cast. 0**

**Dual Rear Hubs: Aluminum hub pilot 46K 0**

11-1/4 in. bolt circle.

**ConMet PreSet Plus Hub package; dual rear axle. 0**

**Dual Rear axle automatic slack adjusters. 0**

**Spring Brake: 3030 high output dual. 0**

**Bendix 4S/4M anti-lock brake system. 0**

**Description Weight**

**Rear suspension: Tandem Reyco 102 38K. 482**

4-spring multileaf & 52 in. axle spacing. Steel crossmembers & gussets.

Unladen Height: 10.8 in. Laden Height: 9.2 in.

**Tires & Wheels**

**Front tires: Bridgestone R283ECOPIA 295/75R22.5 0**

14PR. 40.3 in. diameter, all position. 18.8 in. SLR. Smartway certified.

**Rear tires: Bridgestone R283ECOPIA 295/75R22.5 0**

14PR. 40.3 in. diameter, all position. 18.8 in. SLR. Smartway certified.

Code is priced per pair of tires.

**Rear Tire Quantity: 8 0**

**Front wheel: Accuride 50487 22.5x8.25 steel 0**

Steel Armor[TM] powder coat, hub pilot mount. 7400lb. maximum rating. 5-hand hole. Air disc brake compatible.

**Rear wheel: Accuride 50487 22.5x8.25 steel 0**

Steel Armor[TM] powder coat, hub pilot mount. 7400lb. maximum rating. 5-hand hole. Air disc brake compatible. Code is priced per pair of wheels.

**Powder coat white steel wheel. Use in conjunction 0**

with front, dual front, rear, spare or lift axle wheel code(s). All wheels on chassis must have same finish color.

**Rear Wheel/Rim Quantity: 8 0**

**Frame & Equipment**

**Frame Rails: 10-5/8 x 3-1/2 x 5/16 in. Steel to 58**

285 in. to 336 in. Truck frame weight is 2.91 lb.-in. per pair of rails. Section modulus is 14.80, RBM is 1,776,000 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.

**Bumper: Tapered painted steel channel. 0**

Requires a bumper setting code.

**50.5in. Bumper setting. Requires a bumper code. 0**

**Front mudflaps. 0**

**Brackets, Front Drive: Aluminum up to 15,999 lbs. 0**

**Battery box cantilever aluminum BOC w/ 8**

fiberglass cover.

**Battery box location: LH Side. 0**

**T470,C5, T6, T8 non-polished DPF/SCR or CNG cover** 30  
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.

**Rear mudflap arms: Betts B-25 standard-duty,** 0  
straight. Includes B1732 mounting brackets as standard.

**Description Weight**

**Rear mudflap shields: White plastic antisail w/** 0  
Kenworth logo.

**Square end-of-frame w/ o crossmember;non-towing.** 0

**Fuel Tanks & Equip**

**Fuel Tank: 56 US gallon 22in. aluminum under** 0  
replace. Class 8 fuel tank includes an anti-siphon device on the filler neck.

**DEF tank clear BOC [CBOC], requires LH under cab** -23  
fuel tank. This tank has 6.9 gallons of useable volume. The tank will be  
located inboard of the LH under cab fuel tank. There is no frame space  
required to locate this tank. Not for use on sleeper chassis. 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.

**Standard DEF to fuel fill ratio: 2:1 or greater.** 0

**DEF tank location is on the LH.** 0

**Location: 56 gal fuel tank LH under cab** 0

**Cab & Equipment**

**Cab: Curved Glass Conventional.** 0

Cab Includes aluminum & fiberglass fully hucked cab w/ all aluminum  
bulkhead doors & continuous stainless steel piano-style door hinges.  
Single electric horn standard. Incandescent exterior lights include  
diagnosable bulb detection and warning. Trailer cable on tractors includes  
integrity detection. Standard features include multiplex wiring for interior  
lights, automated pre-trip inspection, short and open check diagnostics.  
Warning alarm will sound when lights are left on.

**Hood: T470 Sloped Hood for straight rail.** 0

Includes radiator mounted grille, split fenders, mudflaps, & separate  
bumper.

**Cab heater: W/integral defrosters & A/C** 45,000 0

btu cab heater. No sleeper heater/AC. Includes 5 mode rotary control.  
T660 include filter media.

**Steering wheel: 18 in. 4-spoke.** 0

**KW Driver Information Center: Includes fuel** 0

economy, RPM display, trip information, truck information, diagnostics,  
gear display, alarm clock.

**Instrument package: Includes speedometer,** 0

tachometer, fuel gauge, engine coolant temperature gauge, engine oil  
pressure, voltmeter. Class 8 also includes primary & secondary air  
reservoir gauges & an air application gauge. DEF level gauge and warning  
lamp are included with 2010+ engines. Engine hour meter and outside air  
temperature readouts are standard. Primary read out will be MPH. Add  
8240620 to switch primary scale to KPH in Canada.

**Large flat panel on dash For customer-installed** 0

controls. Reduces gauge count by 6.

**Description Weight**

**Cab Interior: Summit. T440/T470 Only. Includes** 0

smooth upholstered side & back panels w/stitched accent lines,  
upholstered door pads, full vinyl headliner, black dash panels & black  
rubber floor mats.

**Interior color: Slate Gray w/trim Dark Slate Gray** 0

**Driver seat: Kenworth Air cushion Plus HB cloth.** 0

Standard features includes 7 in. fore and aft slide adjustment w/isolator, 6-  
23 degree recline, air suspension with cover, dual armrests, and single  
chamber air lumbar support. Seat cushion is 20 inches wide w/ 2-position  
tilt and 2-position front cushion extension. Seat material has a horizontal  
stitch pattern and is 2-tone in color. Seat back is carpeted and includes a  
map pocket. Seat is manufactured by National. Includes inside visor and  
retractable 3-point matching seat belts. Grey seat belts.

**Rider seat: Kenworth Toolbox Plus HB cloth.** 0

Standard features include fixed base and backrest, tool box seat base w/ door, and dual armrests. Seat cushion is 19.5 inches. Seat material has a horizontal stitch pattern and is 2-tone in color. Seat back is carpeted with a map pocket. Seat is manufactured by National. Includes inside visor and retractable 3-point matching seat belts. Grey seat belts.

**Seat color: Dark Slate Gray.** 0

**Non-self cancelling turn signal: W/column-mounted** 0  
headlight dimmer switch & intermittent wiper control.

**Electric LH & RH door locks.** 0

**Cab access contoured grabhandles, LH/RH.** 0

**Grabhandle LH inside door frame above dash.** 0

**Grabhandle RH inside door frame above dash.** 0

**DAYLITE DOOR: LH/RH INCL RH PEEPER WINDOW** 0

**Single air horn under cab.** 0

**Single convex mirror 8-1/2 in. x 4-7/16 in.** 0

located on rider side, and non-heated.

**Mirror: Dual Prutsman mirror 7 in. x 16 in.** 0

polished stainless steel, and non-heated.

**Mirror brackets 8-1/2 ft load width.** 0

**Rear Cab Stationary Window 17 in. x 36 in.** 0

**Manual LH & electric-powered RH door window.** 0

Switch located on door.

**One-piece windshield, w/ curved glass.** 0

**Lights & Instruments**

**Headlamps: Halogen Projector Low Beam, Halogen** 0

Complex Reflector High Beam

**Marker Lights: with small round base,** 0

Five cab roof mounted.

**Turn Signal Lights: Mounted on fender** 0

**Description Weight**

**Combination Stop, Tail, Turn & Backup Lights RH** 0  
& LH.

**Marker Lights: Interrupter switch.** 0

Included in Turn Signal for all models except T3. The T3 switch is in the dash.

**Air Equipment**

**Air Dryer: Bendix AD-IS heated.** 0

**Moisture ejection valve w/ pull cable drain.** 0

**Nylon air tubing in frame & cab, excluding hoses** 0

subject to excessive heat or flexing.

**Extended Warranty**

**Standard Warranty.** 0

**Miscellaneous**

**GHG Secondary Manufacturer: Does Not Apply** 0

**Paint**

**Paint color number.** 0

N97020 A - L0006 WHITE

N97200 FRAME N0001 BLACK

N97700 BUMPER N0001 BLACK

**Steel Bumper Painted Frame Color** 0

**Day Cab Standard Paint** 0

**1 - Color Paint - Day Cab** 0

Color will be White L0006EB if no other color is specified.

**Base coat/clear coat.** 0

The Kenworth Color Selector contains additional instructions, as well as information on Kenworth paint guidelines and surface finish applications. Kenworth is standard with Dupont Imron Elite paint.

Total Weight 14373

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**H-GAC Product Code: H11**  
**T680, Conv. Cab, SBFA, SRA**

## Vehicle Summary

### Unit Chassis

Model: T680 Series Conventional Fr Axle Load (lbs): 12000

Type: FULL TRUCK Rr Axle Load (lbs) 38000

Description: T680 - TRA G.C.W. (lbs): 80000

### Application Road Conditions:

Intended Serv.: Linehaul. Vehicles (trucks

or tractors) used in Class A (Highway) 90

Commodity: General freight Class B (Hwy/Mtn) 10

Class C (Off-Hwy) 00

**Body** Class D (Off-Road) 00

Type: Van Maximum Grade: 6

Length (ft): 15.0 Wheelbase (in): 214

Height (ft): 13.5 Overhang (in): 60

Max Laden Weight (lbs): 5000 Fr Axle to BOC (in): 68

Cab to Axle (in): 146

**Trailer** Cab to EOF (in): 206

No. of Trailer Axles: 0 Overall Comb. Length

(in): 324

Type:

Length (ft): 0.0 **Special Req.**

Height (ft): 0.0 U.S. Domestic Registry, 50-State

Kingpin Inset (in): 0

Corner Radius (in): 0

### Restrictions

Length (ft): 120

Width (in): 102

Height (ft): 13.5

### Description Weight

### Model

**T680 Series Conventional 14,999**

Primarily for On-highway tractor applications, it features superior

aerodynamics, excellent forward lighting and advanced ergonomics.

Elastomer bushed front spring pins & heavy-duty shock absorber brackets.

16mm fasteners from rear cab support to end-of-frame, except tractor

taper crossmember. Three vinyl inside sunvisors for LH, RH, and center.

Under-dash center console with (2) cup holders, (2) 12V outlets & a

storage compartment. Glove box door with locking latch.

**T680 0**

### CARB Idle Emissions Reduction Feature. 0

Paccar MX engines - Low NOx Idle.

### Non-Sleeper w/rear axle capacity less than 59K. 0

### General freight 0

### Linehaul. Vehicles (trucks or tractors) used in 0

over-the-road freight hauling. Pickup to delivery distance is typically over

300 miles, & annual mileage is typically over 60,000 miles per year.

Operation is typically on-highway. Road usage: minimum 1% Class B, do not code for Class D.

### Van 0

### U.S. Domestic Registry, 50-State 0

### Engine & Equipment

**PACCAR MX-13 455 2013+ 455@1700 1650@1000 0**

with engine brake.

N08000 N219 0....Offset mode

N08030 N224 2....Maximum Vehicle Speed Bonus

N08040 N227 -2....Maximum Vehicle Speed Penalty

N08190 N246 4....Minimum Vehicle Speed for DSA Activation

N08200 N247 1....Lowest Gear that DSA will be active

N08210 N248 10....Highest Gear that DSA will be active

N09020 N170 120..Standard Maximum Speed Limit [LSL]  
 N09030 N169 0....VSL Expiration Distance  
 N09040 N162 64...Maximum Accelerator Pedal Vehicle Speed  
 N09060 N163 0....Maximum Cycle Distance  
 N09070 N052 650..Engine Idle Speed  
 N09100 N015 No...Enable Retarder During Manual Transmission Gear Selection  
 N09110 N019 0....Delay in Engine Brake Activation w/ Brake Pedal Depressed

#### **Description Weight**

N09120 N014 2....Auto Retard Vehicle Speed Offset  
 N09130 N013 4....Downhill Speed Limiter Vehicle Speed Offset  
 N09140 N006 64...Max Cruise Speed  
 N09150 N001 16...Minimum Speed to Turn Cruise Control Off  
 N09160 N003 19...Minimum Cruise Control Speed  
 N09170 N002 19...Min Speed to Automatically Turn Cruise Control On  
 N09180 N005 1....Value to Increase Speed w/ Set/Accel Bump Switch  
 N09190 N004 1....Value to Reduce Speed w/ Resume/Decel Bump Switch  
 N09200 N039 ON...Allow Multi-Torque Only When Cruise is Active  
 N09210 N193 0....EIST Expiration Distance  
 N09220 N188 5....Timer Setting Non-PTO Mode w/o Park Brake Set  
 N09230 N187 5....Timer Setting Non-PTO Mode w/ Park Brake Set  
 N09240 N194 60...Timer for Impending Shutdown Warning  
 N09250 N190 Yes..Reset EIST Timer Based on Engine Load  
 N09260 N191 No...Overrule EIST Timer Based on Engine Load - No Shutdown  
 N09270 N183 35...Engine Load Threshold  
 N09280 N186 5....Timer Setting When in PTO Mode  
 N09290 N200 Yes..Allow EIST Timer Overrides in PTO Mode  
 N09300 N185 40...Low Ambient Temperature Overrule  
 N09310 N184 80...High Ambient Temperature Overrule  
 N09350 N197 Yes..Enable Accelerator Pedal Reset  
 N09360 N199 Yes..Enable Clutch Pedal Reset  
 N09370 N198 Yes..Enable Service Brake Reset  
 N09380 N071 OFF..FIC Enable/Disable  
 N09390 N072 1900.Maximum Fast Idle Control Engine Speed  
 N09400 N105 100..Decrease Engine Speed w/ Res/Decel Bump Switch  
 N09410 N107 100..Increase Engine Speed w/ Set/Accel Bump Switch  
 N09420 N104 250..Rate to Decrease Engine Speed w/ Res/Decel Switch Held  
 N09430 N103 350..Rate to Increase Engine Speed w/ Set/Accel Switch Held  
 N09440 N080 1....PTO Vehicle Speed Limit  
 N09450 N078 On...PTO Mode Disabled w/ Clutch Pedal Depressed  
 N09460 N101 On...PTO Mode Disabled w/ Service Brake Depressed  
 N09470 N079 On...PTO Mode Enable Only w/ Parking Brake Set  
 N09480 N089 On...PTO Mode Enable Only w/ Transmission Neutral  
 N09490 N082 50...Reduce Engine Speed w/ Resume/Decel Switch Bump  
 N09500 N083 50...Increase Engine Speed w/ Set/Accel Switch Bump  
 N09510 N084 250..Rate of Decrease in Engine Speed w/ Switch Held Down  
 N09520 N085 350..Rate of Increase in Engine Speed w/ Switch Held Down  
 N09530 N110 On...Enable Set Point w/ Set/Accel Switch Bump  
 N09540 N087 780..RPM Set Point  
 N09550 N086 2000.Maximum Engine Speed During PTO Operation  
 N09560 N090 50...Reduce Engine Spd w/ Remote Res/Decel Switch Bump  
 N09570 N092 50...Increase Engine Spd w/ Remote Set/Accel Switch Bump

#### **Description Weight**

N09580 N091 200..Rate of Decrease in Engine Speed w/ Switch Held Down  
 N09590 N093 250..Rate of Increase in Engine Speed w/ Switch Held Down  
 N09600 N106 660..Minimum Engine Speed During PTO Operation  
 N09610 N077 1902.Maximum Engine Torque During PTO Operation

N09620 N109 No...Enable PTO Speed Maximum Rate of Change  
N09630 N081 75...PTO Speed Maximum Rate of Change  
N09640 N173 0....Reserve Speed Offset  
N09820 N065 5....HEST Warning Minimum Vehicle Speed  
N09840 N179 Yes..Enable Park Brake Reset  
N09880 N164 252..Reserve Speed Function Reset Distance  
N09900 N182 30...Coolant Temperature Overrule  
N09920 N073 Trq..Cab Accel Pedal Type in PTO Mode  
N09940 N055 780..RPM Set Point 1  
N09960 N056 1030.RPM Set Point 2

**Prospector version 36.1 0**

Supersedes previous version 36.02

**Engine monitoring protection -Warning- PACCAR MX 0**  
engine parameter.

**Gearing Analysis: Fuel Economy 0**

fuel efficiency results.

**Customer's Typical Operating Spd: 65 mph. 0**

**MX Retarder State Cruise Control On Manual Mode 0**

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+

**Enable MX Retarder Auto-Retard 0**

Selecting this code will program the engine to utilize the auto retard mode whenever cruise control speed has been set and the engine brake switch is on. The auto-retard mode will control the vehicle speed to an offset from the cruise control set speed via the engine retarder. The offset speed shall be dependent upon customer inputs via the electronic programming work screen. 2013+

**Enable Reserve Speed Drive Cycle Limit 0**

**Effective VSL Setting NA 0**

**Engine Idle Shutdown Timer Disabled 0**

**Eff EIST NA Expiration Miles 0**

Use only with MX and Cummins engines

**Air compressor: WABCO 28 CFM PACCAR MX. 0**

**Air Cleaner: composite firewall mounted PACCAR or 0**

Cummins engines

**Fan Hub: Horton On/Off for MX-13 0**

**Description Weight**

**Cooling module: 1330 square inches. On-off fan 0**

hub, nylon fan blade, translucent top tank, air-to-air heat exchanger/aftercooler, silicone hoses w/constant torque clamps, long life coolant.

**RH under fairing SCR w/ RH horizontal tailpipe 0**

below rail

**PACCAR Fuel filter/water separator: return fuel 0**

heat w/integral thermostat. PACCAR MX-13 2013+

**Alternator: PACCAR 160 amp, brush type 0**

**Batteries: 3 PACCAR GP31 threaded post (700) 2100 0**

CCA dual purpose.

**Starter: PACCAR 12 volt electrical system. W/ 0**

centralized power distribution incorporating plug-in style relays. Circuit protection for serviceability, 12-volt light system w/circuit protection circuits number & color coded.

**12V low voltage disconnect for starter battery 0**

protection.

**Decline Driver Performance Assistant (DPA) 0**

**Transmission & Clutch**

**Transmission: Fuller FRO16210C 10-speed 110**

w/pump & external oil cooler. Standard with synthetic lubricant. Includes severe-duty pilot bearing on all class 8 models. \*Torque Limit: 1650 pound-feet.

**Clutch: Eaton 4 paddle ceramic 1650 lb-ft 0**

Eaton 15-1/2 in. Easy Pedal Advantage Manual Adjust Clutch cover.

Torque limiting clutch brake. Severe duty pilot bearing. Synthetic lubrication for Eaton Fuller & axles. Extended grease fitting.

## **Air-assisted Hydraulic Clutch 0**

**Driveline: 2 heavy-duty 1 centerbearing. 99**

\*Hvy duty is 1810 series.

**14 in. Eaton Fuller high capacity oil to water 0**

cooler standard for transmission 1550-2250 lb-ft, 18-speed AutoShift.

**Aluminum clutch housing 0**

**Front Axle & Equipment**

**MERITOR MFS12E 12.5K 3.5in. drop standard track 0**

**Front Brakes: 14.6K Bendix ES s-cam 16.5x5 in. -62**

**Front Brake Drums: 14.6K 16.5x5 in. cast. 78**

**Front Hub: 14,600 lbs. aluminum hub pilot 0**

10-bolt, 11-1/4 in. bolt circle .

**ConMet PreSet Plus Hub package; front axle. 0**

**Hubcap: front vented. 0**

**Front Auto Slack Adjuster. 0**

**Description Weight**

**Front Springs: Taperleaf 12K w/ shock absorbers 0**

w/ maintenance-free elastomer spring pin bushings. Standard with rubber pins except for C500 which has threaded pins. Not available on W900L.

**Single power steering gear: 13.2K TRW THP60 -7**

Not for use on T3.

**Rear Axle & Equipment**

**Dual Dana Spicer DSP40 rear axle rated at 40K. 0**

w/ 9.5mm housing and 1.88in. shaft diameter. Tandem rear axles.

**Rear Axle Ratio - 3.36. 0**

**Dual Rear Brakes 16-1/2x7 in. to 46K; 0**

Bendix ES-extended service S-cam.

**Dual Rear Brake Drums: cast. 0**

**Dual Rear Hubs: Aluminum hub pilot 46K 0**

11-1/4 in. bolt circle.

**ConMet PreSet Plus Hub package; dual rear axle. 0**

**Dual Rear axle automatic slack adjusters. 0**

**Spring Brake: 3030 high output dual. 0**

**Bendix 4S/4M anti-lock brake system. 0**

**Rear suspension: Tandem Reyco 102 38K. 0**

4-spring multileaf & 52 in. axle spacing. Steel crossmembers & gussets.

Unladen Height: 10.8 in. Laden Height: 9.2 in.

**Tires & Wheels**

**Front tires: Bridgestone R283ECOPIA 295/75R22.5 0**

14PR. 40.3 in. diameter, all position. 18.8 in. SLR. Smartway certified.

**Rear tires: Bridgestone R283ECOPIA 295/75R22.5 0**

14PR. 40.3 in. diameter, all position. 18.8 in. SLR. Smartway certified.

Code is priced per pair of tires.

**Rear Tire Quantity: 8 0**

**Front wheel: Accuride 50487 22.5x8.25 steel 0**

Steel Armor[TM] powder coat, hub pilot mount. 7400lb. maximum rating. 5-hand hole. Air disc brake compatible.

**Rear wheel: Accuride 50487 22.5x8.25 steel 0**

Steel Armor[TM] powder coat, hub pilot mount. 7400lb. maximum rating. 5-hand hole. Air disc brake compatible. Code is priced per pair of wheels.

**Powder coat white steel wheel. Use in conjunction 0**

with front, dual front, rear, spare or lift axle wheel code(s). All wheels on chassis must have same finish color.

**Rear Wheel/Rim Quantity: 8 0**

**Frame & Equipment**

**Description Weight**

**Frame Rails: 10-5/8 x 3-1/2 x 5/16 in. Steel to 154**

285 in. to 336 in. Truck frame weight is 2.91 lb.-in. per pair of rails. Section modulus is 14.80, RBM is 1,776,000 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.

**Bumper: Aerodynamic, Unpainted, 0**

in-mold color. Requires a bumper setting code.

**50.4 in. Bumper setting. Requires a bumper code. 0**

**Front mudflaps. 0**

**T6 Battery box module: Short length, aluminum 0**

parallel, w/ polymer cover. Located LH under cab behind the chassis fairing. For use only w/ 2010 SCR style exhaust.

**Battery box location: LH Side. 0**

**Cab side skirt: Supports on RH side. 55**

**Rear mudflap arms: Betts B-25 standard-duty, 0**

straight. Includes B1732 mounting brackets as standard.

**Rear mudflap shields: White plastic antisail w/ 0**

Kenworth logo.

**Square end-of-frame w/ o crossmember;non-towing. 0**

**Fuel Tanks & Equip**

**Fuel Tank: 100 US gallon 22in. aluminum BOC 0**

replace. Class 8 fuel tank includes an anti-siphon device on the filler neck.

**Small round DEF tank. 11 gallons of 0**

useable volume. 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.

**Standard DEF to fuel fill ratio: 2:1 or greater. 0**

**Anti-siphon device swaged in place. 0**

For any number of fuel tanks.

**DEF tank location is on the LH. 0**

**Location: 100 gal fuel tank RH behind cab 0**

**Cab & Equipment**

**Cab: Stamped aluminum cab with panoramic curved 0**

glass windshield. Standard with stamped aluminum doors, heavy duty inswinging hinges, and triple sealed doors. Manufactured using selfpiercing rivets and structural adhesive. Includes LED exterior marker lights and turn signals.

**Description Weight**

**Hood: T680 MX 119 inch BBC 0**

Provides a 119 inch BBC that results in improved visibility and allows for a shorter wheelbase.

**Daycab HVAC system with defrost, A/C, and 48,000 0**

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 & 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.

**Steering wheel: 18 in. 4-spoke. 0**

**Adjustable telescoping tilt steering column. 0**

**Kenworth Driver Performance Center:5in Full Color 0**

high resolution Thin Film Transistor (TFT) active matrix display with advanced driver information including fuel economy performance, outside air temp, clock, odometer and trip, engine hour meter, ignition timer, engine RPM, general truck information, diagnostics, and gear display. All Highline functionality is accessed via the Kenworth MCS providing intuitive control at the driver's fingertips. Also includes Dark Cabin functionality. When activated, the only interior light that will function when a door is opened is the door courtesy lamp.

**Kenworth instrumentation and control package with 0**

9 standard easy-read gauges: includes speedometer, tachometer, fuel gauge, engine coolant temp, engine oil pressure, voltmeter, dual air pressure, and DEF gauge. All accessory controls utilize electronically activated solenoids that include advanced vehicle protection interlocks.

**Interior color: Slate Gray 0**

**Interior package: Vantage daycab 0**

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.

**Rubber floormat 0**

**DR Seat: GT702 HB with Cloth material. 10**

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.

**RD Seat: GT100 Toolbox HB with Cloth Material. 0**

The GT100 seats are standard with fixed base. Includes 3-point matching seat belts. RD seat standard w/ LH armrest.

**Seat color: Slate Gray with Gray stitching. 0**

**Description Weight**

**Non-self cancelling turn signal: W/column-mounted 0**

headlight dimmer switch & intermittent wiper control.

**Kenworth TruckTech+ 0**

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 Kenworths with an MX engine.

**Dual Cab Interior Grabhandles: A Pillar Mounted 0**

Dash Wrap and B Pillar Mounted Grabhandles

**Fairing under cab w/ integral steps. 0**

**Side Extenders: Daycab. Extends 19 inches from 0**

Back-of-cab. Panels extend 12 inches, and rubber trailing edge extends 7 inches.

**Kenworth Daylite Door with standard LH/RH 0**

electric door locks and LH/RH electric window controls.

**Single air horn under cab. 0**

**Convex look-down mirror. Single 11in X 6in 0**

mounted to passenger door with black housing. Non-Heated.

**Aero Mirror: Dual Kenworth Aerodynamic Motorized 0**

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.

**Rear cab stationary window 19in x 36in 0**

**One-piece bonded-in windshield with curved glass. 0**

Standard.

**Kenworth Cab/Sleeper Air Suspension. 0**

**Lights & Instruments**

**Headlamps: Halogen Projector Low Beam, Halogen 0**

Complex Reflector High Beam

**Marker Lights: Five, rectangular, LED 0**

**Turn Signal Lights: Flush mounted LED mounted at 0**

top of fender wheel arc

**LED Stop,Turn,Tail:Flange Mounted With Two LED 0**

backup lights and with an LED license plate.

**Marker Lights: Interrupter switch. 0**

Included in Turn Signal for all models except T3. The T3 switch is in the dash.

**Air Equipment**

**Air Dryer: Bendix AD-IS heated. 0**

**Moisture ejection valve w/ pull cable drain. 0**

**Description Weight**

**Nylon air tubing in frame & cab, excluding hoses 0**

subject to excessive heat or flexing.

**Extended Warranty**

**Standard Warranty. 0**

**Miscellaneous**

**GHG Secondary Manufacturer: Does Not Apply 0**

**Paint****Paint color number. 0**

N97020 A - L0006 WHITE

N97200 FRAME N0001 BLACK

N97800 CH FAIRINGS Z0001 Charcoal Gray

**Bumper Unpainted 0****Chassis Fairings Unpainted, In Mold Color 0**

(Charcoal Grey)

**Day Cab Standard Paint 0****1 - Color Paint - Day Cab 0**

Color will be White L0006EB if no other color is specified.

**Base coat/clear coat. 0**

The Kenworth Color Selector contains additional instructions, as well as information on Kenworth paint guidelines and surface finish applications.

Kenworth is standard with Dupont Imron Elite paint.

Total Weight 15436

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**H-GAC Product Code: H12**  
**T800, Conv. Cab, SBFA, SRA**

## **Vehicle Summary**

### **Unit Chassis**

Model: T800 Series Conventional. Fr Axle Load (lbs): 12000

Type: FULL TRUCK Rr Axle Load (lbs) 21000

Description: T800 - SRA G.C.W. (lbs): 33000

### **Application Road Conditions:**

Intended Serv.: Local pickup & delivery.

Vehicles which haul Class A (Highway) 90

Commodity: General freight Class B (Hwy/Mtn) 10

Class C (Off-Hwy) 00

**Body** Class D (Off-Road) 00

Type: Other Maximum Grade: 6

Length (ft): 12.0 Wheelbase (in): 150

Height (ft): 13.5 Overhang (in): 60

Max Laden Weight (lbs): 3500 Fr Axle to BOC (in): 74

Cab to Axle (in): 76

**Trailer** Cab to EOF (in): 136

No. of Trailer Axles: 0 Overall Comb. Length  
(in): 258

Type:

Length (ft): 0.0 **Special Req.**

Height (ft): 0.0 U.S. Domestic Registry, 50-State

Kingpin Inset (in): 0

Corner Radius (in): 0

### **Restrictions**

Length (ft): 120

Width (in): 102

Height (ft): 13.5

### **Description Weight**

#### **Model**

**T800 Series Conventional.** 15,309

Elastomer bushed front spring pins & heavy-duty shock absorber brackets, 16mm. fasteners from rear cab support to end-of-frame, except tractor taper crossmember. Vinyl inside sunvisors, driver side includes strap & mirror, rider side includes strap; Under-dash center console w/ 2 cup holders, 2-12V outlets & a storage compartment, Glove box door with locking latch.

**T800: Sloped Hood.** 0

**CARB Idle Emissions Reduction Feature.** 0

Paccar MX engines - Low NOx Idle.

**Non-Sleeper w/rear axle capacity less than 59K.** 0

**General freight** 0

**Local pickup & delivery. Vehicles which haul** 0

freight, typically operating within a 100-mile radius, on public streets & highways, & other paved surfaces, including limited Class C roads.

Includes package & freight delivery, as well as fuel oil or petroleum distribution, etc. Road usage: minimum 3% Class B, do not code for Class D.

**Other** 0

**U.S. Domestic Registry, 50-State** 0

### **Engine & Equipment**

**PACCAR MX-13 405 2013+ 405@1700 1450@1000 with** 0

engine brake.

N08000 N219 0....Offset mode

N08030 N224 2....Maximum Vehicle Speed Bonus

N08040 N227 -2....Maximum Vehicle Speed Penalty

N08190 N246 4....Minimum Vehicle Speed for DSA Activation

N08200 N247 1....Lowest Gear that DSA will be active

N08210 N248 10....Highest Gear that DSA will be active



N09020 N170 120..Standard Maximum Speed Limit [LSL]  
 N09030 N169 0....VSL Expiration Distance  
 N09040 N162 64...Maximum Accelerator Pedal Vehicle Speed  
 N09060 N163 0....Maximum Cycle Distance  
 N09070 N052 650..Engine Idle Speed  
 N09100 N015 No...Enable Retarder During Manual Transmission Gear Selection  
 N09110 N019 0....Delay in Engine Brake Activation w/ Brake Pedal Depressed

#### **Description Weight**

N09120 N014 2....Auto Retard Vehicle Speed Offset  
 N09130 N013 4....Downhill Speed Limiter Vehicle Speed Offset  
 N09140 N006 64...Max Cruise Speed  
 N09150 N001 16...Minimum Speed to Turn Cruise Control Off  
 N09160 N003 19...Minimum Cruise Control Speed  
 N09170 N002 19...Min Speed to Automatically Turn Cruise Control On  
 N09180 N005 1....Value to Increase Speed w/ Set/Accel Bump Switch  
 N09190 N004 1....Value to Reduce Speed w/ Resume/Decel Bump Switch  
 N09200 N039 ON...Allow Multi-Torque Only When Cruise is Active  
 N09210 N193 0....EIST Expiration Distance  
 N09220 N188 5....Timer Setting Non-PTO Mode w/o Park Brake Set  
 N09230 N187 5....Timer Setting Non-PTO Mode w/ Park Brake Set  
 N09240 N194 60...Timer for Impending Shutdown Warning  
 N09250 N190 Yes..Reset EIST Timer Based on Engine Load  
 N09260 N191 No...Overrule EIST Timer Based on Engine Load - No Shutdown  
 N09270 N183 35...Engine Load Threshold  
 N09280 N186 5....Timer Setting When in PTO Mode  
 N09290 N200 Yes..Allow EIST Timer Overrides in PTO Mode  
 N09300 N185 40...Low Ambient Temperature Overrule  
 N09310 N184 80...High Ambient Temperature Overrule  
 N09350 N197 Yes..Enable Accelerator Pedal Reset  
 N09360 N199 Yes..Enable Clutch Pedal Reset  
 N09370 N198 Yes..Enable Service Brake Reset  
 N09380 N071 OFF..FIC Enable/Disable  
 N09390 N072 1900.Maximum Fast Idle Control Engine Speed  
 N09400 N105 100..Decrease Engine Speed w/ Res/Decel Bump Switch  
 N09410 N107 100..Increase Engine Speed w/ Set/Accel Bump Switch  
 N09420 N104 250..Rate to Decrease Engine Speed w/ Res/Decel Switch Held  
 N09430 N103 350..Rate to Increase Engine Speed w/ Set/Accel Switch Held  
 N09440 N080 1....PTO Vehicle Speed Limit  
 N09450 N078 On...PTO Mode Disabled w/ Clutch Pedal Depressed  
 N09460 N101 On...PTO Mode Disabled w/ Service Brake Depressed  
 N09470 N079 On...PTO Mode Enable Only w/ Parking Brake Set  
 N09480 N089 On...PTO Mode Enable Only w/ Transmission Neutral  
 N09490 N082 50...Reduce Engine Speed w/ Resume/Decel Switch Bump  
 N09500 N083 50...Increase Engine Speed w/ Set/Accel Switch Bump  
 N09510 N084 250..Rate of Decrease in Engine Speed w/ Switch Held Down  
 N09520 N085 350..Rate of Increase in Engine Speed w/ Switch Held Down  
 N09530 N110 On...Enable Set Point w/ Set/Accel Switch Bump  
 N09540 N087 780..RPM Set Point  
 N09550 N086 2000.Maximum Engine Speed During PTO Operation  
 N09560 N090 50...Reduce Engine Spd w/ Remote Res/Decel Switch Bump  
 N09570 N092 50...Increase Engine Spd w/ Remote Set/Accel Switch Bump

#### **Description Weight**

N09580 N091 200..Rate of Decrease in Engine Speed w/ Switch Held Down  
 N09590 N093 250..Rate of Increase in Engine Speed w/ Switch Held Down  
 N09600 N106 660..Minimum Engine Speed During PTO Operation  
 N09610 N077 1902.Maximum Engine Torque During PTO Operation

N09620 N109 No...Enable PTO Speed Maximum Rate of Change  
N09630 N081 75...PTO Speed Maximum Rate of Change  
N09640 N173 0....Reserve Speed Offset  
N09820 N065 5....HEST Warning Minimum Vehicle Speed  
N09840 N179 Yes..Enable Park Brake Reset  
N09880 N164 252..Reserve Speed Function Reset Distance  
N09900 N182 30...Coolant Temperature Override  
N09920 N073 Trq..Cab Accel Pedal Type in PTO Mode  
N09940 N055 780..RPM Set Point 1  
N09960 N056 1030.RPM Set Point 2

**Prospector version 36.1 0**

Supersedes previous version 36.02

**Engine monitoring protection -Warning- PACCAR MX 0**  
engine parameter.

**Gearing Analysis: Balance 0**

power/economy blend results.

**Customer's Typical Operating Spd: 65 mph. 0**

**MX Retarder State Cruise Control On Manual Mode 0**

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+

**Enable MX Retarder Auto-Retard 0**

Selecting this code will program the engine to utilize the auto retard mode whenever cruise control speed has been set and the engine brake switch is on. The auto-retard mode will control the vehicle speed to an offset from the cruise control set speed via the engine retarder. The offset speed shall be dependent upon customer inputs via the electronic programming work screen. 2013+

**Enable Reserve Speed Drive Cycle Limit 0**

**Effective VSL Setting NA 0**

**Engine Idle Shutdown Timer Disabled 0**

**Eff EIST NA Expiration Miles 0**

Use only with MX and Cummins engines

**Air compressor: WABCO 28 CFM PACCAR MX. 0**

**Air cleaner: Powercore engine mount 10 in. 0**

w/constant torque SS clamps, pop-up air restriction indicator. Holds 10% more fine dust than 2500. Pop-up indicator is standard.

**Fan Hub: Horton On/Off for MX-13 0**

**Description Weight**

**Cooling module: T8SH/T8B/W9S 1440 square inches. 0**

On-off fan hub, nylon fan blade, translucent top tank, air-to-air heat exchanger/aftercooler, silicone hoses w/constant torque clamps, long life coolant. Drain valve is not available w/Allison transmissions.

**RH under cab DPF/SCR w/ RH SOC vertical tailpipe. 0**

For use w/ daycabs, extended daycabs, or modular sleepers. T660 requires split fender hood

**Tailpipe: 5 in. single 30 in. 45 degree curved. -1**

**PACCAR Fuel filter/water separator: return fuel 0**

heat w/integral thermostat. PACCAR MX-13 2013+

**Alternator: PACCAR 160 amp, brush type 0**

**Batteries: 3 PACCAR GP31 threaded post (700) 2100 0**

CCA dual purpose.

**Starter: PACCAR 12 volt electrical system. W/ 0**

centralized power distribution incorporating plug-in style relays. Circuit protection for serviceability, 12-volt light system w/circuit protection circuits number & color coded.

**Multi-function engine connector for body builder 0**

interface PACCAR MX engine only. T680/T880: This feature is standard, no code required.

**Transmission & Clutch**

**Transmission: Fuller FRO14210C 10-speed -18**

Standard with synthetic lubricant. Includes severe-duty pilot bearing on all class 8 models. \*Torque Limit: 1450 pound-feet.

**Clutch: Eaton 4 paddle ceramic 1650 lb-ft 0**

Eaton 15-1/2 in. Easy Pedal Advantage Manual Adjust Clutch cover.

Torque limiting clutch brake. Severe duty pilot bearing. Synthetic lubrication for Eaton Fuller & axles. Extended grease fitting.

**Driveline: 2 medium-duty 1 centerbearing. 55**

\*Med duty is 1760 series.

**Chassis will be fitted w/LH transmission PTO. 0**

(PREVENTS ECU F/INTERFERING W/PTO ONLY)

**Internal cooler for Fuller FR/FRO/FRLO series 11**

main transmission under 1550 lb-ft.

**Front Axle & Equipment**

**MERITOR MFS12E 12.5K 3.5in. drop standard track 0**

**Front Brakes: 14.6K Bendix ES s-cam 16.5x5 in. -62**

**Front Brake Drums: 14.6K 16.5x5 in. cast. 78**

**Front Hub: iron hub pilot 14,600 lbs. 48**

11-1/4 in. bolt circle. For use w/ air disc brakes. Consider wheelguards (5850002) w/ aluminum wheels.

**ConMet PreSet Plus Hub package; front axle. 0**

**Hubcap: front vented. 0**

**Description Weight**

**Front Auto Slack Adjuster. 0**

**Front Springs: Taperleaf 12K w/ shock absorbers 0**

w/ maintenance-free elastomer spring pin bushings. Standard with rubber pins except for C500 which has threaded pins. Not available on W900L.

**Single power steering gear: 13.2K TRW TAS65. -1**

**Rear Axle & Equipment**

**Single Dana Spicer S21-170 single reduction rear -1,932**

axle. Single rear axle rated at 21K.

**Rear Axle Ratio - 3.73. 0**

**Single Rear Brakes 16-1/2x7 in. Bendix ES- 0**

extended service S-cam.

**Single Rear Brake Drums: cast. 0**

**Single Rear Hubs: Aluminum hub pilot 23K; 0**

11-1/4 in. bolt circle.

**ConMet PreSet Plus Hub package; single rear axle. 0**

**Single Rear axle automatic slack adjusters. 0**

**Spring Brake: 3030 high output single. 0**

**Bendix 4S/4M anti-lock brake system. 0**

**Rear suspension: single Reyco 79KB taperleaf 23K. -414**

Steel crossmembers & gussets, Kenworth longlife spring w/helper.

Unladen Height: 11.0 in. Laden Height: 9.3 in. Not available with shocks or swaybars.

**Tires & Wheels**

**Front tires: Bridgestone R283ECOPIA 295/75R22.5 0**

14PR. 40.3 in. diameter, all position. 18.8 in. SLR. Smartway certified.

**Rear tires: Bridgestone R283ECOPIA 295/75R22.5 0**

14PR. 40.3 in. diameter, all position. 18.8 in. SLR. Smartway certified.

Code is priced per pair of tires.

**Rear Tire Quantity: 4 0**

**Front wheel: Accuride 50487 22.5x8.25 steel 0**

Steel Armor[TM] powder coat, hub pilot mount. 7400lb. maximum rating. 5-hand hole. Air disc brake compatible.

**Rear wheel: Accuride 50487 22.5x8.25 steel 0**

Steel Armor[TM] powder coat, hub pilot mount. 7400lb. maximum rating. 5-hand hole. Air disc brake compatible. Code is priced per pair of wheels.

**Powder coat white steel wheel. Use in conjunction 0**

with front, dual front, rear, spare or lift axle wheel code(s). All wheels on chassis must have same finish color.

**Rear Wheel/Rim Quantity: 4 0**

**Frame & Equipment**

**Description Weight**

**Frame Rails: 10-5/8 x 3-1/2 x 5/16 in. Steel to -32**

284 in. Truck frame weight is 2.91 lb.-in. per pair of rails. Section modulus is 14.80, RBM is 1,776,000 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.

**Bumper: Straight Aluminum Channel. Requires a 0**

bumper setting code.

**48.5 in. Bumper setting. Requires a bumper code. 0**

**Front mudflaps. 0**

**Battery box cantilever aluminum BOC w/ 8**

fiberglass cover.

**Battery box location: LH Side. 0**

**T470,C5, T6, T8 non-polished DPF/SCR or CNG cover 30**

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.

**Rear mudflap arms: Betts B-25 standard-duty, 0**

straight. Includes B1732 mounting brackets as standard.

**Rear mudflap shields: White plastic antisail w/ 0**

Kenworth logo.

**Square end-of-frame w/ o crossmember;non-towing. 0**

**Fuel Tanks & Equip**

**Fuel Tank: 75 US gallon 24.5in. aluminum under -11**

replace. Class 8 fuel tanks w/ o locking caps include an anti-siphon device on the filler neck.

**Small round DEF tank. 11 gallons of 0**

useable volume. 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.

**Standard DEF to fuel fill ratio: 2:1 or greater. 0**

**Anti-siphon device swaged in place. 0**

For any number of fuel tanks.

**DEF tank location is on the LH. 0**

**Location: 75 gal fuel tank LH under cab 0**

**Cab & Equipment**

**Description Weight**

**Cab: Curved Glass Conventional. 0**

Cab Includes aluminum & fiberglass fully hucked cab w/ all aluminum bulkhead doors & continuous stainless steel piano-style door hinges. Single electric horn standard. Incandescent exterior lights include diagnosable bulb detection and warning. Trailer cable on tractors includes integrity detection. Standard features include multiplex wiring for interior lights, automated pre-trip inspection, short and open check diagnostics. Warning alarm will sound when lights are left on.

**Hood: Sloped Metton hood w/ grille & shell use 0**

for T800B 1-piece requires engine mounted air cleaner, 1440 square in. radiator & 2007+ engines.

**Cab heater: W/integral defrosters & A/C 45,000 0**

btu cab heater. No sleeper heater/AC. Includes 5 mode rotary control. T660 include filter media.

**Steering wheel: 18 in. 4-spoke. 0**

**KW Driver Information Center: Includes fuel 0**

economy, RPM display, trip information, truck information, diagnostics, gear display, alarm clock.

**Instrument package: Includes speedometer, 0**

tachometer, fuel gauge, engine coolant temperature gauge, engine oil pressure, voltmeter. Class 8 also includes primary & secondary air reservoir gauges & an air application gauge. DEF level gauge and warning lamp are included with 2010+ engines. Engine hour meter and outside air temperature readouts are standard. Primary read out will be MPH. Add 8240620 to switch primary scale to KPH in Canada.

**Cab interior: Splendor. Includes smooth 0**

upholstered side & back panels w/stitched accent lines, upholstered door pads, full vinyl headliner, black dash panels & black rubber floor mats.

**Interior color: Slate Gray w/trim Dark Slate Gray 0**

**Driver seat: Kenworth Air cushion Plus HB cloth. 0**

Standard features includes 7 in. fore and aft slide adjustment w/isolator, 6-

23 degree recline, air suspension with cover, dual armrests, and single chamber air lumbar support. Seat cushion is 20 inches wide w/ 2-position tilt and 2-position front cushion extension. Seat material has a horizontal stitch pattern and is 2-tone in color. Seat back is carpeted and includes a map pocket. Seat is manufactured by National. Includes inside visor and retractable 3-point matching seat belts. Grey seat belts.

**Rider seat: Kenworth Toolbox Plus HB cloth. 0**

Standard features include fixed base and backrest, tool box seat base w/ door, and dual armrests. Seat cushion is 19.5 inches. Seat material has a horizontal stitch pattern and is 2-tone in color. Seat back is carpeted with a map pocket. Seat is manufactured by National. Includes inside visor and retractable 3-point matching seat belts. Grey seat belts.

**Seat color: Dark Slate Gray. 0**

**Non-self cancelling turn signal: W/column-mounted 0**

headlight dimmer switch & intermittent wiper control.

**Electric LH & RH door locks. 0**

**Description Weight**

**Kenworth TruckTech+ 0**

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 Kenworths with an MX engine.

**Long grabhandle RH side of cab. 0**

**Long grabhandle LH side of cab. 0**

**Grabhandle LH inside door frame above dash. 0**

**Grabhandle RH inside door frame above dash. 0**

**DAYLITE DOOR: LH/RH INCL RH PEEPER WINDOW 0**

**Single air horn under cab. 0**

**Single convex mirror 8-1/2 in. x 4-7/16 in. 0**

located on rider side, and non-heated.

**Mirror: Dual Prutsman fixed heated mirrors 0**

7 in. x 16 in. includes 7-1/2 in. convex mirror, RH.

**Mirror brackets 8-1/2 ft load width. 0**

**Rear Cab Stationary Window 17 in. x 36 in. 0**

**Manual LH & electric-powered RH door window. 0**

Switch located on door.

**One-piece windshield, w/ curved glass. 0**

**Exterior aerodynamic sunvisor w/ integral marker 0**

lights.

**Lights & Instruments**

**Headlamps: Dual Rectangular, extended life 0**

halogen

**Marker Lights: Five aerodynamic mounted in 0**

sunvisor.

**Turn Signal Lights: Mounted on fender 0**

**LED Stop,Turn,Tail:Flange Mounted With Two LED 0**

backup lights and with an LED license plate.

**Marker Lights: Interrupter switch. 0**

Included in Turn Signal for all models except T3. The T3 switch is in the dash.

**Air Equipment**

**Air Dryer: Bendix AD-IS heated. 0**

**Moisture ejection valve w/ pull cable drain. 0**

**Nylon air tubing in frame & cab, excluding hoses 0**

subject to excessive heat or flexing.

**Description Weight**

**Extended Warranty**

**Standard Warranty. 0**

**Miscellaneous**

**GHG Secondary Manufacturer: Does Not Apply 0**

**Paint**

**Paint color number. 0**

N97020 A - L0006 WHITE

N97200 FRAME N0001 BLACK

**Bumper Unpainted 0**

**Day Cab Standard Paint 0**

**1 - Color Paint - Day Cab 0**

Color will be White L0006EB if no other color is specified.

**Base coat/clear coat. 0**

The Kenworth Color Selector contains additional instructions, as well as information on Kenworth paint guidelines and surface finish applications.

Kenworth is standard with Dupont Imron Elite paint.

Total Weight 13068

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**H-GAC Product Code: H13**  
**T800, Conv. Cab, SBFA, TRA**

## **Vehicle Summary**

### **Unit Chassis**

Model: T800 Series Conventional. Fr Axle Load (lbs): 12000

Type: FULL TRUCK Rr Axle Load (lbs) 38000

Description: T800 - TRA G.C.W. (lbs): 50000

### **Application Road Conditions:**

Intended Serv.: Local pickup & delivery.

Vehicles which haul Class A (Highway) 90

Commodity: General freight Class B (Hwy/Mtn) 10

Class C (Off-Hwy) 00

**Body** Class D (Off-Road) 00

Type: Other Maximum Grade: 6

Length (ft): 12.0 Wheelbase (in): 169

Height (ft): 13.5 Overhang (in): 60

Max Laden Weight (lbs): 3500 Fr Axle to BOC (in): 74

Cab to Axle (in): 95

**Trailer** Cab to EOF (in): 155

No. of Trailer Axles: 0 Overall Comb. Length  
(in): 278

Type:

Length (ft): 0.0 **Special Req.**

Height (ft): 0.0 U.S. Domestic Registry, 50-State

Kingpin Inset (in): 0

Corner Radius (in): 0

### **Restrictions**

Length (ft): 120

Width (in): 102

Height (ft): 13.5

### **Description Weight**

#### **Model**

**T800 Series Conventional.** 15,309

Elastomer bushed front spring pins & heavy-duty shock absorber brackets, 16mm. fasteners from rear cab support to end-of-frame, except tractor taper crossmember. Vinyl inside sunvisors, driver side includes strap & mirror, rider side includes strap; Under-dash center console w/ 2 cup holders, 2-12V outlets & a storage compartment, Glove box door with locking latch.

**T800: Sloped Hood.** 0

**CARB Idle Emissions Reduction Feature.** 0

Paccar MX engines - Low NOx Idle.

**Non-Sleeper w/rear axle capacity less than 59K.** 0

**General freight** 0

**Local pickup & delivery. Vehicles which haul** 0

freight, typically operating within a 100-mile radius, on public streets & highways, & other paved surfaces, including limited Class C roads.

Includes package & freight delivery, as well as fuel oil or petroleum distribution, etc. Road usage: minimum 3% Class B, do not code for Class D.

**Other** 0

**U.S. Domestic Registry, 50-State** 0

### **Engine & Equipment**

**PACCAR MX-13 405 2013+ 405@1700 1450@1000 with** 0

engine brake.

N08000 N219 0....Offset mode

N08030 N224 2....Maximum Vehicle Speed Bonus

N08040 N227 -2....Maximum Vehicle Speed Penalty

N08190 N246 4....Minimum Vehicle Speed for DSA Activation

N08200 N247 1....Lowest Gear that DSA will be active

N08210 N248 10....Highest Gear that DSA will be active

N09020 N170 120..Standard Maximum Speed Limit [LSL]  
N09030 N169 0....VSL Expiration Distance  
N09040 N162 64...Maximum Accelerator Pedal Vehicle Speed  
N09060 N163 0....Maximum Cycle Distance  
N09070 N052 650..Engine Idle Speed  
N09100 N015 No...Enable Retarder During Manual Transmission Gear Selection  
N09110 N019 0....Delay in Engine Brake Activation w/ Brake Pedal Depressed

**Description Weight**

N09120 N014 2....Auto Retard Vehicle Speed Offset  
N09130 N013 4....Downhill Speed Limiter Vehicle Speed Offset  
N09140 N006 64...Max Cruise Speed  
N09150 N001 16...Minimum Speed to Turn Cruise Control Off  
N09160 N003 19...Minimum Cruise Control Speed  
N09170 N002 19...Min Speed to Automatically Turn Cruise Control On  
N09180 N005 1....Value to Increase Speed w/ Set/Accel Bump Switch  
N09190 N004 1....Value to Reduce Speed w/ Resume/Decel Bump Switch  
N09200 N039 ON...Allow Multi-Torque Only When Cruise is Active  
N09210 N193 0....EIST Expiration Distance  
N09220 N188 5....Timer Setting Non-PTO Mode w/o Park Brake Set  
N09230 N187 5....Timer Setting Non-PTO Mode w/ Park Brake Set  
N09240 N194 60...Timer for Impending Shutdown Warning  
N09250 N190 Yes..Reset EIST Timer Based on Engine Load  
N09260 N191 No...Overrule EIST Timer Based on Engine Load - No Shutdown  
N09270 N183 35...Engine Load Threshold  
N09280 N186 5....Timer Setting When in PTO Mode  
N09290 N200 Yes..Allow EIST Timer Overrides in PTO Mode  
N09300 N185 40...Low Ambient Temperature Overrule  
N09310 N184 80...High Ambient Temperature Overrule  
N09350 N197 Yes..Enable Accelerator Pedal Reset  
N09360 N199 Yes..Enable Clutch Pedal Reset  
N09370 N198 Yes..Enable Service Brake Reset  
N09380 N071 OFF..FIC Enable/Disable  
N09390 N072 1900..Maximum Fast Idle Control Engine Speed  
N09400 N105 100..Decrease Engine Speed w/ Res/Decel Bump Switch  
N09410 N107 100..Increase Engine Speed w/ Set/Accel Bump Switch  
N09420 N104 250..Rate to Decrease Engine Speed w/ Res/Decel Switch Held  
N09430 N103 350..Rate to Increase Engine Speed w/ Set/Accel Switch Held  
N09440 N080 1....PTO Vehicle Speed Limit  
N09450 N078 On...PTO Mode Disabled w/ Clutch Pedal Depressed  
N09460 N101 On...PTO Mode Disabled w/ Service Brake Depressed  
N09470 N079 On...PTO Mode Enable Only w/ Parking Brake Set  
N09480 N089 On...PTO Mode Enable Only w/ Transmission Neutral  
N09490 N082 50...Reduce Engine Speed w/ Resume/Decel Switch Bump  
N09500 N083 50...Increase Engine Speed w/ Set/Accel Switch Bump  
N09510 N084 250..Rate of Decrease in Engine Speed w/ Switch Held Down  
N09520 N085 350..Rate of Increase in Engine Speed w/ Switch Held Down  
N09530 N110 On...Enable Set Point w/ Set/Accel Switch Bump  
N09540 N087 780..RPM Set Point  
N09550 N086 2000..Maximum Engine Speed During PTO Operation  
N09560 N090 50...Reduce Engine Spd w/ Remote Res/Decel Switch Bump  
N09570 N092 50...Increase Engine Spd w/ Remote Set/Accel Switch Bump

**Description Weight**

N09580 N091 200..Rate of Decrease in Engine Speed w/ Switch Held Down  
N09590 N093 250..Rate of Increase in Engine Speed w/ Switch Held Down  
N09600 N106 660..Minimum Engine Speed During PTO Operation  
N09610 N077 1902..Maximum Engine Torque During PTO Operation



N09620 N109 No...Enable PTO Speed Maximum Rate of Change  
N09630 N081 75...PTO Speed Maximum Rate of Change  
N09640 N173 0....Reserve Speed Offset  
N09820 N065 5....HEST Warning Minimum Vehicle Speed  
N09840 N179 Yes..Enable Park Brake Reset  
N09880 N164 252..Reserve Speed Function Reset Distance  
N09900 N182 30...Coolant Temperature Override  
N09920 N073 Trq..Cab Accel Pedal Type in PTO Mode  
N09940 N055 780..RPM Set Point 1  
N09960 N056 1030.RPM Set Point 2

**Prospector version 36.1 0**

Supersedes previous version 36.02

**Engine monitoring protection -Warning- PACCAR MX 0**  
engine parameter.

**Gearing Analysis: Fuel Economy 0**

fuel efficiency results.

**Customer's Typical Operating Spd: 65 mph. 0**

**MX Retarder State Cruise Control On Manual Mode 0**

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+

**Enable MX Retarder Auto-Retard 0**

Selecting this code will program the engine to utilize the auto retard mode whenever cruise control speed has been set and the engine brake switch is on. The auto-retard mode will control the vehicle speed to an offset from the cruise control set speed via the engine retarder. The offset speed shall be dependent upon customer inputs via the electronic programming work screen. 2013+

**Enable Reserve Speed Drive Cycle Limit 0**

**Effective VSL Setting NA 0**

**Engine Idle Shutdown Timer Disabled 0**

**Eff EIST NA Expiration Miles 0**

Use only with MX and Cummins engines

**Air compressor: WABCO 28 CFM PACCAR MX. 0**

**Air cleaner: Powercore engine mount 10 in. 0**

w/constant torque SS clamps, pop-up air restriction indicator. Holds 10% more fine dust than 2500. Pop-up indicator is standard.

**Fan Hub: Horton On/Off for MX-13 0**

**Description Weight**

**Cooling module: T8SH/T8B/W9S 1440 square inches. 0**

On-off fan hub, nylon fan blade, translucent top tank, air-to-air heat exchanger/aftercooler, silicone hoses w/constant torque clamps, long life coolant. Drain valve is not available w/Allison transmissions.

**RH under cab DPF/SCR w/ RH SOC vertical tailpipe. 0**

For use w/ daycabs, extended daycabs, or modular sleepers. T660 requires split fender hood

**Tailpipe: 5 in. single 30 in. 45 degree curved. -1**

**PACCAR Fuel filter/water separator: return fuel 0**

heat w/integral thermostat. PACCAR MX-13 2013+

**Alternator: PACCAR 160 amp, brush type 0**

**Batteries: 3 PACCAR GP31 threaded post (700) 2100 0**

CCA dual purpose.

**Starter: PACCAR 12 volt electrical system. W/ 0**

centralized power distribution incorporating plug-in style relays. Circuit protection for serviceability, 12-volt light system w/circuit protection circuits number & color coded.

**Multi-function engine connector for body builder 0**

interface PACCAR MX engine only. T680/T880: This feature is standard, no code required.

**Transmission & Clutch**

**Transmission: Fuller FRO14210C 10-speed -18**

Standard with synthetic lubricant. Includes severe-duty pilot bearing on all class 8 models. \*Torque Limit: 1450 pound-feet.

**Clutch: Eaton 4 paddle ceramic 1650 lb-ft 0**

Eaton 15-1/2 in. Easy Pedal Advantage Manual Adjust Clutch cover.

Torque limiting clutch brake. Severe duty pilot bearing. Synthetic lubrication for Eaton Fuller & axles. Extended grease fitting.

**Driveline:1 heavy-duty no centerbearing. 0**

\*Hvy duty is 1810 series.

**Chassis will be fitted w/LH transmission PTO. 0**

(PREVENTS ECU F/INTERFERING W/PTO ONLY)

**Internal cooler for Fuller FR/FRO/FRLO series 11**

main transmission under 1550 lb-ft.

**Front Axle & Equipment**

**MERITOR MFS12E 12.5K 3.5in. drop standard track 0**

**Front Brakes: 14.6K Bendix ES s-cam 16.5x5 in. -62**

**Front Brake Drums: 14.6K 16.5x5 in. cast. 78**

**Front Hub: iron hub pilot 14,600 lbs. 48**

11-1/4 in. bolt circle. For use w/ air disc brakes. Consider wheelguards (5850002) w/ aluminum wheels.

**ConMet PreSet Plus Hub package; front axle. 0**

**Hubcap: front vented. 0**

**Description Weight**

**Front Auto Slack Adjuster. 0**

**Front Springs: Taperleaf 12K w/ shock absorbers 0**

w/ maintenance-free elastomer spring pin bushings. Standard with rubber pins except for C500 which has threaded pins. Not available on W900L.

**Single power steering gear: 13.2K TRW TAS65. -1**

**Rear Axle & Equipment**

**Dual Dana Spicer DSP40 rear axle rated at 40K. 0**

w/ 9.5mm housing and 1.88in. shaft diameter. Tandem rear axles.

**Rear Axle Ratio - 3.36. 0**

**Dual Rear Brakes 16-1/2x7 in. to 46K; 0**

Bendix ES-extended service S-cam.

**Dual Rear Brake Drums: cast. 0**

**Dual Rear Hubs: Aluminum hub pilot 46K 0**

11-1/4 in. bolt circle.

**ConMet PreSet Plus Hub package; dual rear axle. 0**

**Dual Rear axle automatic slack adjusters. 0**

**Spring Brake: 3030 high output dual. 0**

**Bendix 4S/4M anti-lock brake system. 0**

**Rear suspension: Tandem Reyco 102 38K. 0**

4-spring multileaf & 52 in. axle spacing. Steel crossmembers & gussets.

Unladen Height: 10.8 in. Laden Height: 9.2 in.

**Tires & Wheels**

**Front tires: Bridgestone R283ECOPIA 295/75R22.5 0**

14PR. 40.3 in. diameter, all position. 18.8 in. SLR. Smartway certified.

**Rear tires: Bridgestone R283ECOPIA 295/75R22.5 0**

14PR. 40.3 in. diameter, all position. 18.8 in. SLR. Smartway certified.

Code is priced per pair of tires.

**Rear Tire Quantity: 8 0**

**Front wheel: Accuride 50487 22.5x8.25 steel 0**

Steel Armor[TM] powder coat, hub pilot mount. 7400lb. maximum rating. 5-hand hole. Air disc brake compatible.

**Rear wheel: Accuride 50487 22.5x8.25 steel 0**

Steel Armor[TM] powder coat, hub pilot mount. 7400lb. maximum rating. 5-hand hole. Air disc brake compatible. Code is priced per pair of wheels.

**Powder coat white steel wheel. Use in conjunction 0**

with front, dual front, rear, spare or lift axle wheel code(s). All wheels on chassis must have same finish color.

**Rear Wheel/Rim Quantity: 8 0**

**Frame & Equipment**

**Description Weight**

**Frame Rails: 10-5/8 x 3-1/2 x 5/16 in. Steel to 23**

284 in. Truck frame weight is 2.91 lb.-in. per pair of rails. Section modulus is 14.80, RBM is 1,776,000 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.

**Bumper: Straight Aluminum Channel. Requires a 0**

bumper setting code.

**48.5 in. Bumper setting. Requires a bumper code. 0**

**Front mudflaps. 0**

**Battery box cantilever aluminum BOC w/ 8**

fiberglass cover.

**Battery box location: LH Side. 0**

**T470,C5, T6, T8 non-polished DPF/SCR or CNG cover 30**

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.

**Rear mudflap arms: Betts B-25 standard-duty, 0**

straight. Includes B1732 mounting brackets as standard.

**Rear mudflap shields: White plastic antisail w/ 0**

Kenworth logo.

**Square end-of-frame w/ o crossmember;non-towing. 0**

**Fuel Tanks & Equip**

**Fuel Tank: 75 US gallon 24.5in. aluminum under -11**

replace. Class 8 fuel tanks w/ o locking caps include an anti-siphon device on the filler neck.

**Small round DEF tank. 11 gallons of 0**

useable volume. 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.

**Standard DEF to fuel fill ratio: 2:1 or greater. 0**

**Anti-siphon device swaged in place. 0**

For any number of fuel tanks.

**DEF tank location is on the LH. 0**

**Location: 75 gal fuel tank LH under cab 0**

**Cab & Equipment**

**Description Weight**

**Cab: Curved Glass Conventional. 0**

Cab Includes aluminum & fiberglass fully hucked cab w/ all aluminum bulkhead doors & continuous stainless steel piano-style door hinges. Single electric horn standard. Incandescent exterior lights include diagnosable bulb detection and warning. Trailer cable on tractors includes integrity detection. Standard features include multiplex wiring for interior lights, automated pre-trip inspection, short and open check diagnostics. Warning alarm will sound when lights are left on.

**Hood: Sloped Metton hood w/ grille & shell use 0**

for T800B 1-piece requires engine mounted air cleaner, 1440 square in. radiator & 2007+ engines.

**Cab heater: W/integral defrosters & A/C 45,000 0**

btu cab heater. No sleeper heater/AC. Includes 5 mode rotary control. T660 include filter media.

**Steering wheel: 18 in. 4-spoke. 0**

**KW Driver Information Center: Includes fuel 0**

economy, RPM display, trip information, truck information, diagnostics, gear display, alarm clock.

**Instrument package: Includes speedometer, 0**

tachometer, fuel gauge, engine coolant temperature gauge, engine oil pressure, voltmeter. Class 8 also includes primary & secondary air reservoir gauges & an air application gauge. DEF level gauge and warning lamp are included with 2010+ engines. Engine hour meter and outside air temperature readouts are standard. Primary read out will be MPH. Add 8240620 to switch primary scale to KPH in Canada.

**Cab interior: Splendor. Includes smooth 0**

upholstered side & back panels w/stitched accent lines, upholstered door pads, full vinyl headliner, black dash panels & black rubber floor mats.

**Interior color: Slate Gray w/trim Dark Slate Gray 0**

**Driver seat: Kenworth Air cushion Plus HB cloth. 0**

Standard features includes 7 in. fore and aft slide adjustment w/isolator, 6-23 degree recline, air suspension with cover, dual armrests, and single

chamber air lumbar support. Seat cushion is 20 inches wide w/ 2-position tilt and 2-position front cushion extension. Seat material has a horizontal stitch pattern and is 2-tone in color. Seat back is carpeted and includes a map pocket. Seat is manufactured by National. Includes inside visor and retractable 3-point matching seat belts. Grey seat belts.

**Rider seat: Kenworth Toolbox Plus HB cloth. 0**

Standard features include fixed base and backrest, tool box seat base w/ door, and dual armrests. Seat cushion is 19.5 inches. Seat material has a horizontal stitch pattern and is 2-tone in color. Seat back is carpeted with a map pocket. Seat is manufactured by National. Includes inside visor and retractable 3-point matching seat belts. Grey seat belts.

**Seat color: Dark Slate Gray. 0**

**Non-self cancelling turn signal: W/column-mounted 0**

headlight dimmer switch & intermittent wiper control.

**Electric LH & RH door locks. 0**

**Description Weight**

**Kenworth TruckTech+ 0**

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 Kenworths with an MX engine.

**Long grabhandle RH side of cab. 0**

**Long grabhandle LH side of cab. 0**

**Grabhandle LH inside door frame above dash. 0**

**Grabhandle RH inside door frame above dash. 0**

**DAYLITE DOOR: LH/RH INCL RH PEEPER WINDOW 0**

**Single air horn under cab. 0**

**Single convex mirror 8-1/2 in. x 4-7/16 in. 0**

located on rider side, and non-heated.

**Mirror: Dual Prutsman fixed heated mirrors 0**

7 in. x 16 in. includes 7-1/2 in. convex mirror, RH.

**Mirror brackets 8-1/2 ft load width. 0**

**Rear Cab Stationary Window 17 in. x 36 in. 0**

**Manual LH & electric-powered RH door window. 0**

Switch located on door.

**One-piece windshield, w/ curved glass. 0**

**Exterior aerodynamic sunvisor w/ integral marker 0**

lights.

**Lights & Instruments**

**Headlamps: Dual Rectangular, extended life 0**

halogen

**Marker Lights: Five aerodynamic mounted in 0**

sunvisor.

**Turn Signal Lights: Mounted on fender 0**

**LED Stop,Turn,Tail:Flange Mounted With Two LED 0**

backup lights and with an LED license plate.

**Marker Lights: Interrupter switch. 0**

Included in Turn Signal for all models except T3. The T3 switch is in the dash.

**Air Equipment**

**Air Dryer: Bendix AD-IS heated. 0**

**Moisture ejection valve w/ pull cable drain. 0**

**Nylon air tubing in frame & cab, excluding hoses 0**

subject to excessive heat or flexing.

**Description Weight**

**Extended Warranty**

**Standard Warranty. 0**

**Miscellaneous**

**GHG Secondary Manufacturer: Does Not Apply 0**

**Paint**

**Paint color number. 0**

N97020 A - L0006 WHITE

N97200 FRAME N0001 BLACK

**Bumper Unpainted 0**

**Day Cab Standard Paint 0**

**1 - Color Paint - Day Cab 0**

Color will be White L0006EB if no other color is specified.

**Base coat/clear coat. 0**

The Kenworth Color Selector contains additional instructions, as well as information on Kenworth paint guidelines and surface finish applications.

Kenworth is standard with Dupont Imron Elite paint.

Total Weight 15414

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**H-GAC Product Code: H14**  
**T880, Conv. Cab, SBFA, SRA**

## Vehicle Summary

### Unit Chassis

Model: T880 Series Conventional Fr Axle Load (lbs): 12000

Type: FULL TRUCK Rr Axle Load (lbs) 21000

Description: T880 - SRA G.C.W. (lbs): 33000

### Application Road Conditions:

Intended Serv.: Local pickup & delivery.

Vehicles which haul Class A (Highway) 90

Commodity: General freight Class B (Hwy/Mtn) 10

Class C (Off-Hwy) 00

**Body** Class D (Off-Road) 00

Type: Other Maximum Grade: 6

Length (ft): 12.0 Wheelbase (in): 150

Height (ft): 13.5 Overhang (in): 60

Max Laden Weight (lbs): 3500 Fr Axle to BOC (in): 68

Cab to Axle (in): 82

**Trailer** Cab to EOF (in): 142

No. of Trailer Axles: 0 Overall Comb. Length  
(in): 258

Type:

Length (ft): 0.0 **Special Req.**

Height (ft): 0.0 U.S. Domestic Registry, 50-State

Kingpin Inset (in): 0

Corner Radius (in): 0

### Restrictions

Length (ft): 120

Width (in): 102

Height (ft): 13.5

### Description Weight

#### Model

**T880 Series Conventional** 15,236

**T880** 0

### CARB Idle Emissions Reduction Feature. 0

Paccar MX engines - Low NOx Idle.

### Non-Sleeper w/rear axle capacity less than 59K. 0

### General freight 0

### Local pickup & delivery. Vehicles which haul 0

freight, typically operating within a 100-mile radius, on public streets & highways, & other paved surfaces, including limited Class C roads.

Includes package & freight delivery, as well as fuel oil or petroleum distribution, etc. Road usage: minimum 3% Class B, do not code for Class D.

### Other 0

### U.S. Domestic Registry, 50-State 0

### Engine & Equipment

**PACCAR MX-13 405 2013+ 405@1700 1450@1000 with 0**

engine brake.

N08000 N219 0....Offset mode

N08030 N224 2....Maximum Vehicle Speed Bonus

N08040 N227 -2....Maximum Vehicle Speed Penalty

N08190 N246 4....Minimum Vehicle Speed for DSA Activation

N08200 N247 1....Lowest Gear that DSA will be active

N08210 N248 10....Highest Gear that DSA will be active

N09020 N170 120..Standard Maximum Speed Limit [LSL]

N09030 N169 0....VSL Expiration Distance

N09040 N162 64....Maximum Accelerator Pedal Vehicle Speed

N09060 N163 0....Maximum Cycle Distance

N09070 N052 650..Engine Idle Speed

N09100 N015 No...Enable Retarder During Manual Transmission Gear  
Selection

N09110 N019 0....Delay in Engine Brake Activation w/ Brake Pedal Depressed  
 N09120 N014 2....Auto Retard Vehicle Speed Offset  
 N09130 N013 4....Downhill Speed Limiter Vehicle Speed Offset  
 N09140 N006 64...Max Cruise Speed  
 N09150 N001 16...Minimum Speed to Turn Cruise Control Off  
 N09160 N003 19...Minimum Cruise Control Speed  
 N09170 N002 19...Min Speed to Automatically Turn Cruise Control On  
**Description Weight**  
 N09180 N005 1....Value to Increase Speed w/ Set/Accel Bump Switch  
 N09190 N004 1....Value to Reduce Speed w/ Resume/Decel Bump Switch  
 N09200 N039 ON...Allow Multi-Torque Only When Cruise is Active  
 N09210 N193 0....EIST Expiration Distance  
 N09220 N188 5....Timer Setting Non-PTO Mode w/o Park Brake Set  
 N09230 N187 5....Timer Setting Non-PTO Mode w/ Park Brake Set  
 N09240 N194 60...Timer for Impending Shutdown Warning  
 N09250 N190 Yes..Reset EIST Timer Based on Engine Load  
 N09260 N191 No...Override EIST Timer Based on Engine Load - No Shutdown  
 N09270 N183 35...Engine Load Threshold  
 N09280 N186 5....Timer Setting When in PTO Mode  
 N09290 N200 Yes..Allow EIST Timer Overrides in PTO Mode  
 N09300 N185 40...Low Ambient Temperature Override  
 N09310 N184 80...High Ambient Temperature Override  
 N09350 N197 Yes..Enable Accelerator Pedal Reset  
 N09360 N199 Yes..Enable Clutch Pedal Reset  
 N09370 N198 Yes..Enable Service Brake Reset  
 N09380 N071 OFF..FIC Enable/Disable  
 N09390 N072 1900.Maximum Fast Idle Control Engine Speed  
 N09400 N105 100..Decrease Engine Speed w/ Res/Decel Bump Switch  
 N09410 N107 100..Increase Engine Speed w/ Set/Accel Bump Switch  
 N09420 N104 250..Rate to Decrease Engine Speed w/ Res/Decel Switch Held  
 N09430 N103 350..Rate to Increase Engine Speed w/ Set/Accel Switch Held  
 N09440 N080 1....PTO Vehicle Speed Limit  
 N09450 N078 On...PTO Mode Disabled w/ Clutch Pedal Depressed  
 N09460 N101 On...PTO Mode Disabled w/ Service Brake Depressed  
 N09470 N079 On...PTO Mode Enable Only w/ Parking Brake Set  
 N09480 N089 On...PTO Mode Enable Only w/ Transmission Neutral  
 N09490 N082 50...Reduce Engine Speed w/ Resume/Decel Switch Bump  
 N09500 N083 50...Increase Engine Speed w/ Set/Accel Switch Bump  
 N09510 N084 250..Rate of Decrease in Engine Speed w/ Switch Held Down  
 N09520 N085 350..Rate of Increase in Engine Speed w/ Switch Held Down  
 N09530 N110 On...Enable Set Point w/ Set/Accel Switch Bump  
 N09540 N087 780..RPM Set Point  
 N09550 N086 2000.Maximum Engine Speed During PTO Operation  
 N09560 N090 50...Reduce Engine Spd w/ Remote Res/Decel Switch Bump  
 N09570 N092 50...Increase Engine Spd w/ Remote Set/Accel Switch Bump  
 N09580 N091 200..Rate of Decrease in Engine Speed w/ Switch Held Down  
 N09590 N093 250..Rate of Increase in Engine Speed w/ Switch Held Down  
 N09600 N106 660..Minimum Engine Speed During PTO Operation  
 N09610 N077 1902.Maximum Engine Torque During PTO Operation  
 N09620 N109 No...Enable PTO Speed Maximum Rate of Change  
**Description Weight**  
 N09630 N081 75...PTO Speed Maximum Rate of Change  
 N09640 N173 0....Reserve Speed Offset  
 N09820 N065 5....HEST Warning Minimum Vehicle Speed  
 N09840 N179 Yes..Enable Park Brake Reset  
 N09880 N164 252..Reserve Speed Function Reset Distance  
 N09900 N182 30...Coolant Temperature Override

N09920 N073 Trq..Cab Accel Pedal Type in PTO Mode

N09940 N055 780..RPM Set Point 1

N09960 N056 1030.RPM Set Point 2

**Prospector version 36.1 0**

Supersedes previous version 36.02

**Engine monitoring protection -Warning- PACCAR MX 0**

engine parameter.

**Gearing Analysis: Balance 0**

power/economy blend results.

**Customer's Typical Operating Spd: 65 mph. 0**

**MX Retarder State Cruise Control On Manual Mode 0**

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+

**Enable MX Retarder Auto-Retard 0**

Selecting this code will program the engine to utilize the auto retard mode whenever cruise control speed has been set and the engine brake switch is on. The auto-retard mode will control the vehicle speed to an offset from the cruise control set speed via the engine retarder. The offset speed shall be dependent upon customer inputs via the electronic programming work screen. 2013+

**Enable Reserve Speed Drive Cycle Limit 0**

**Effective VSL Setting NA 0**

**Engine Idle Shutdown Timer Disabled 0**

**Eff EIST NA Expiration Miles 0**

Use only with MX and Cummins engines

**Air compressor: WABCO 28 CFM PACCAR MX. 0**

**Air Cleaner: composite firewall mounted PACCAR or 0**

Cummins engines

**Fan Hub: Horton On/Off for MX-13 0**

**Cooling module: 1330 square inches. On-off fan 0**

hub, nylon fan blade, translucent top tank, air-to-air heat exchanger/aftercooler, silicone hoses w/constant torque clamps, long life coolant.

**RH under cab DPF/SCR w/ RH SOC vertical tailpipe. 0**

For use w/ daycabs, extended daycabs, or modular sleepers. T660 requires split fender hood

**Tailpipe: 5 in. single 30 in. 45 degree curved. -1**

**Description Weight**

**PACCAR Fuel filter/water separator: return fuel 0**

heat w/integral thermostat. PACCAR MX-13 2013+

**Alternator: PACCAR 160 amp, brush type 0**

**Batteries: 3 PACCAR GP31 threaded post (700) 2100 0**

CCA dual purpose.

**Starter: PACCAR 12 volt electrical system. W/ 0**

centralized power distribution incorporating plug-in style relays. Circuit protection for serviceability, 12-volt light system w/circuit protection circuits number & color coded.

**Decline Driver Performance Assistant (DPA) 0**

**Transmission & Clutch**

**Transmission: Fuller FRO14210C 10-speed -18**

Standard with synthetic lubricant. Includes severe-duty pilot bearing on all class 8 models. \*Torque Limit: 1450 pound-feet.

**Clutch: Eaton 4 paddle ceramic 1650 lb-ft 0**

Eaton 15-1/2 in. Easy Pedal Advantage Manual Adjust Clutch cover.

Torque limiting clutch brake. Severe duty pilot bearing. Synthetic lubrication for Eaton Fuller & axles. Extended grease fitting.

**Air-assisted Hydraulic Clutch 0**

**Driveline: 2 medium-duty 1 centerbearing. 55**

\*Med duty is 1760 series.

**14 in. Eaton Fuller high capacity oil to water 22**

cooler optional for transmission under 1550 lb-ft pump included.

**Aluminum clutch housing 0**

**Front Axle & Equipment**

**MERITOR MFS12E 12.5K 3.5in. drop standard track 0**



**Front Brakes: 14.6K Bendix ES s-cam 16.5x5 in. -62**

**Front Brake Drums: 14.6K 16.5x5 in. cast. 78**

**Front Hub: iron hub pilot 14,600 lbs. 48**

11-1/4 in. bolt circle. For use w/ air disc brakes. Consider wheelguards (5850002) w/ aluminum wheels.

**ConMet PreSet Plus Hub package; front axle. 0**

**Hubcap: front vented. 0**

**Front Auto Slack Adjuster. 0**

**Front Springs: Taperleaf 12K w/ shock absorbers 0**

w/ maintenance-free elastomer spring pin bushings. Standard with rubber pins except for C500 which has threaded pins. Not available on W900L.

**Single power steering gear: 13.2K Sheppard HD94. 0**

**Rear Axle & Equipment**

**Description Weight**

**Single Dana Spicer S21-170 single reduction rear -1,932**

axle. Single rear axle rated at 21K.

**Rear Axle Ratio - 3.73. 0**

**Single Rear Brakes 16-1/2x7 in. Bendix ES- 0**

extended service S-cam.

**Single Rear Brake Drums: cast. 0**

**Single Rear Hubs: Aluminum hub pilot 23K; 0**

11-1/4 in. bolt circle.

**ConMet PreSet Plus Hub package; single rear axle. 0**

**Single Rear axle automatic slack adjusters. 0**

**Spring Brake: 3030 high output single. 0**

**Bendix 4S/4M anti-lock brake system. 0**

**Rear suspension: single Reyco 79KB taperleaf 23K. -414**

Steel crossmembers & gussets, Kenworth longlife spring w/helper.

Unladen Height: 11.0 in. Laden Height: 9.3 in. Not available with shocks or swaybars.

**Tires & Wheels**

**Front tires: Bridgestone R283ECOPIA 295/75R22.5 0**

14PR. 40.3 in. diameter, all position. 18.8 in. SLR. Smartway certified.

**Rear tires: Bridgestone R283ECOPIA 295/75R22.5 0**

14PR. 40.3 in. diameter, all position. 18.8 in. SLR. Smartway certified.

Code is priced per pair of tires.

**Rear Tire Quantity: 4 0**

**Front wheel: Accuride 50487 22.5x8.25 steel 0**

Steel Armor[TM] powder coat, hub pilot mount. 7400lb. maximum rating. 5-hand hole. Air disc brake compatible.

**Rear wheel: Accuride 50487 22.5x8.25 steel 0**

Steel Armor[TM] powder coat, hub pilot mount. 7400lb. maximum rating. 5-hand hole. Air disc brake compatible. Code is priced per pair of wheels.

**Powder coat white steel wheel. Use in conjunction 0**

with front, dual front, rear, spare or lift axle wheel code(s). All wheels on chassis must have same finish color.

**Rear Wheel/Rim Quantity: 4 0**

**Frame & Equipment**

**Frame Rails: 10-5/8 x 3-1/2 x 5/16 in. Steel to -32**

284 in. Truck frame weight is 2.91 lb.-in. per pair of rails. Section modulus is 14.80, RBM is 1,776,000 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.

**Bumper: Straight Aluminum Channel. Requires a 0**

bumper setting code.

**Description Weight**

**48.5 in. Bumper setting. Requires a bumper code. 0**

**Front mudflaps. 0**

**Battery box cantilever aluminum BOC w/ 8**

fiberglass cover.

**Battery box location: LH Side. 0**

**T470,C5, T6, T8 non-polished DPF/SCR or CNG cover 30**

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.

**Rear mudflap arms: Betts B-25 standard-duty, 0**  
straight. Includes B1732 mounting brackets as standard.

**Rear mudflap shields: White plastic antisail w/ 0**  
Kenworth logo.

**Square end-of-frame w/ o crossmember;non-towing. 0**

#### **Fuel Tanks & Equip**

**Fuel Tank: 75 US gallon 24.5in. aluminum under -11**  
replace. Class 8 fuel tanks w/ o locking caps include an anti-siphon device on the filler neck.

**Small round DEF tank. 11 gallons of 0**  
useable volume. 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.

**Standard DEF to fuel fill ratio: 2:1 or greater. 0**

**Anti-siphon device swaged in place. 0**

For any number of fuel tanks.

**DEF tank location is on the LH. 0**

**Location: 75 gal fuel tank LH under cab 0**

#### **Cab & Equipment**

**Cab: Stamped aluminum cab with panoramic curved 0**  
glass windshield. Standard with stamped aluminum doors, heavy duty inswinging hinges, and triple sealed doors. Manufactured using selfpiercing rivets and structural adhesive. Includes LED exterior marker lights and turn signals.

**Hood:T880 Short Length MX-Optimized W/Mechan. 0**

Fastened Fenders. 116.7 inch BBC.

**Daycab HVAC system with defrost, A/C, and 48,000 0**

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 & 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.

#### **Description Weight**

**Steering wheel: 18 in. 4-spoke. 0**

**Kenworth Driver Performance Center:5in Full Color 0**

high resolution Thin Film Transistor (TFT) active matrix display with advanced driver information including fuel economy performance, outside air temp, clock, odometer and trip, engine hour meter, ignition timer, engine RPM, general truck information, diagnostics, and gear display. All Highline functionality is accessed via the Kenworth MCS providing intuitive control at the driver's fingertips. Also includes Dark Cabin functionality. When activated, the only interior light that will function when a door is opened is the door courtesy lamp.

**Kenworth instrumentation and control package with 0**

9 standard easy-read gauges: includes speedometer, tachometer, fuel gauge, engine coolant temp, engine oil pressure, voltmeter, dual air pressure, and DEF gauge. All accessory controls utilize electronically activated solenoids that include advanced vehicle protection interlocks.

**Interior color: Slate Gray 0**

**Interior package: Vantage daycab 0**

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.

**DR Seat: GT701 IB with Vinyl material. 0**

The GT701 is standard with a single air bag, scissor linkage seat suspension. It includes a single chamber lumbar support, 10in Fore/Aft adjustment, 7in Up/Down adjustment, 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.

**RD Seat: GT100 TubeFrame IB with Vinyl Material. -9**

The GT100 seats are standard with fixed base. Includes 3-point matching seat belts. RD seat standard w/ LH armrest.

**Seat color: Slate Gray with Gray stitching. 0**

**Non-self cancelling turn signal: W/column-mounted 0**

headlight dimmer switch & intermittent wiper control.

**Kenworth TruckTech+ 0**

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 Kenworths with an MX engine.

**Dual Cab Interior Grabhandles: A Pillar Mounted 0**

Dash Wrap and B Pillar Mounted Grabhandles

**Kenworth Daylite Door with standard LH/RH 0**

electric door locks and LH/RH electric window controls.

**Single air horn under cab. 0**

**Description Weight**

**Convex look-down mirror. Single 11in X 6in 0**

mounted to passenger door with black housing. Non-Heated.

**Aero Mirror: Dual Kenworth Aerodynamic Motorized 0**

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.

**Rear cab stationary window 19in x 36in 0**

**One-piece bonded-in windshield with curved glass. 0**

Standard.

**Kenworth Cab/Sleeper Air Suspension. 0**

**Lights & Instruments**

**Headlamps: SAE Dual Halogen Complex Reflector 0**

**Marker Lights: Five, rectangular, LED 0**

**Turn Signal Lights: Flush mounted LED mounted at 0**

top of fender wheel arc

**LED Stop,Turn,Tail:Flange Mounted With Two LED 0**

backup lights and with an LED license plate.

**Marker Lights: Interrupter switch. 0**

Included in Turn Signal for all models except T3. The T3 switch is in the dash.

**Air Equipment**

**Air Dryer: Bendix AD-IS heated. 0**

**Moisture ejection valve w/ pull cable drain. 0**

**Nylon air tubing in frame & cab, excluding hoses 0**

subject to excessive heat or flexing.

**Extended Warranty**

**Standard Warranty. 0**

**Miscellaneous**

**GHG Secondary Manufacturer: Does Not Apply 0**

**Paint**

**Paint color number. 0**

N97020 A - L0006 WHITE

N97200 FRAME N0001 BLACK

**Bumper Unpainted 0**

**Day Cab Standard Paint 0**

**1 - Color Paint - Day Cab 0**

Color will be White L0006EB if no other color is specified.

**Description Weight**

**Base coat/clear coat. 0**

The Kenworth Color Selector contains additional instructions, as well as information on Kenworth paint guidelines and surface finish applications. Kenworth is standard with Dupont Imron Elite paint.

Total Weight 12998

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**H-GAC Product Code: H15**  
**T880, Conv. Cab, SBFA, TRA**

## Vehicle Summary

### Unit Chassis

Model: T880 Series Conventional Fr Axle Load (lbs): 12000

Type: FULL TRUCK Rr Axle Load (lbs) 38000

Description: T880 - TRA G.C.W. (lbs): 50000

### Application Road Conditions:

Intended Serv.: Local pickup & delivery.

Vehicles which haul Class A (Highway) 90

Commodity: General freight Class B (Hwy/Mtn) 10

Class C (Off-Hwy) 00

**Body** Class D (Off-Road) 00

Type: Van Maximum Grade: 6

Length (ft): 10.0 Wheelbase (in): 214

Height (ft): 13.5 Overhang (in): 60

Max Laden Weight (lbs): 4000 Fr Axle to BOC (in): 68

Cab to Axle (in): 146

**Trailer** Cab to EOF (in): 206

No. of Trailer Axles: 0 Overall Comb. Length

(in): 322

Type:

Length (ft): 0.0 **Special Req.**

Height (ft): 0.0 U.S. Domestic Registry, 50-State

Kingpin Inset (in): 0

Corner Radius (in): 0

### Restrictions

Length (ft): 120

Width (in): 102

Height (ft): 13.5

### Description Weight

#### Model

**T880 Series Conventional 15,236**

**T880 0**

### CARB Idle Emissions Reduction Feature. 0

Paccar MX engines - Low NOx Idle.

### Non-Sleeper w/rear axle capacity less than 59K. 0

### General freight 0

### Local pickup & delivery. Vehicles which haul 0

freight, typically operating within a 100-mile radius, on public streets & highways, & other paved surfaces, including limited Class C roads.

Includes package & freight delivery, as well as fuel oil or petroleum distribution, etc. Road usage: minimum 3% Class B, do not code for Class D.

### Van 0

### U.S. Domestic Registry, 50-State 0

### Engine & Equipment

**PACCAR MX-13 455 2013+ 455@1700 1650@1000 0**

with engine brake.

N08000 N219 0....Offset mode

N08030 N224 2....Maximum Vehicle Speed Bonus

N08040 N227 -2....Maximum Vehicle Speed Penalty

N08190 N246 4....Minimum Vehicle Speed for DSA Activation

N08200 N247 1....Lowest Gear that DSA will be active

N08210 N248 10....Highest Gear that DSA will be active

N09020 N170 120..Standard Maximum Speed Limit [LSL]

N09030 N169 0....VSL Expiration Distance

N09040 N162 64....Maximum Accelerator Pedal Vehicle Speed

N09060 N163 0....Maximum Cycle Distance

N09070 N052 650..Engine Idle Speed

N09100 N015 No...Enable Retarder During Manual Transmission Gear Selection

N09110 N019 0....Delay in Engine Brake Activation w/ Brake Pedal Depressed  
 N09120 N014 2....Auto Retard Vehicle Speed Offset  
 N09130 N013 4....Downhill Speed Limiter Vehicle Speed Offset  
 N09140 N006 64...Max Cruise Speed  
 N09150 N001 16...Minimum Speed to Turn Cruise Control Off  
 N09160 N003 19...Minimum Cruise Control Speed  
 N09170 N002 19...Min Speed to Automatically Turn Cruise Control On  
**Description Weight**  
 N09180 N005 1....Value to Increase Speed w/ Set/Accel Bump Switch  
 N09190 N004 1....Value to Reduce Speed w/ Resume/Decel Bump Switch  
 N09200 N039 OFF..Allow Multi-Torque Only When Cruise is Active  
 N09210 N193 0....EIST Expiration Distance  
 N09220 N188 5....Timer Setting Non-PTO Mode w/o Park Brake Set  
 N09230 N187 5....Timer Setting Non-PTO Mode w/ Park Brake Set  
 N09240 N194 60...Timer for Impending Shutdown Warning  
 N09250 N190 Yes..Reset EIST Timer Based on Engine Load  
 N09260 N191 No...Override EIST Timer Based on Engine Load - No Shutdown  
 N09270 N183 35...Engine Load Threshold  
 N09280 N186 5....Timer Setting When in PTO Mode  
 N09290 N200 Yes..Allow EIST Timer Overrides in PTO Mode  
 N09300 N185 40...Low Ambient Temperature Override  
 N09310 N184 80...High Ambient Temperature Override  
 N09350 N197 Yes..Enable Accelerator Pedal Reset  
 N09360 N199 Yes..Enable Clutch Pedal Reset  
 N09370 N198 Yes..Enable Service Brake Reset  
 N09380 N071 OFF..FIC Enable/Disable  
 N09390 N072 1900.Maximum Fast Idle Control Engine Speed  
 N09400 N105 100..Decrease Engine Speed w/ Res/Decel Bump Switch  
 N09410 N107 100..Increase Engine Speed w/ Set/Accel Bump Switch  
 N09420 N104 250..Rate to Decrease Engine Speed w/ Res/Decel Switch Held  
 N09430 N103 350..Rate to Increase Engine Speed w/ Set/Accel Switch Held  
 N09440 N080 1....PTO Vehicle Speed Limit  
 N09450 N078 On...PTO Mode Disabled w/ Clutch Pedal Depressed  
 N09460 N101 On...PTO Mode Disabled w/ Service Brake Depressed  
 N09470 N079 On...PTO Mode Enable Only w/ Parking Brake Set  
 N09480 N089 On...PTO Mode Enable Only w/ Transmission Neutral  
 N09490 N082 50...Reduce Engine Speed w/ Resume/Decel Switch Bump  
 N09500 N083 50...Increase Engine Speed w/ Set/Accel Switch Bump  
 N09510 N084 250..Rate of Decrease in Engine Speed w/ Switch Held Down  
 N09520 N085 350..Rate of Increase in Engine Speed w/ Switch Held Down  
 N09530 N110 On...Enable Set Point w/ Set/Accel Switch Bump  
 N09540 N087 780..RPM Set Point  
 N09550 N086 2000.Maximum Engine Speed During PTO Operation  
 N09560 N090 50...Reduce Engine Spd w/ Remote Res/Decel Switch Bump  
 N09570 N092 50...Increase Engine Spd w/ Remote Set/Accel Switch Bump  
 N09580 N091 200..Rate of Decrease in Engine Speed w/ Switch Held Down  
 N09590 N093 250..Rate of Increase in Engine Speed w/ Switch Held Down  
 N09600 N106 660..Minimum Engine Speed During PTO Operation  
 N09610 N077 1902.Maximum Engine Torque During PTO Operation  
 N09620 N109 No...Enable PTO Speed Maximum Rate of Change  
**Description Weight**  
 N09630 N081 75...PTO Speed Maximum Rate of Change  
 N09640 N173 0....Reserve Speed Offset  
 N09820 N065 5....HEST Warning Minimum Vehicle Speed  
 N09840 N179 Yes..Enable Park Brake Reset  
 N09880 N164 252..Reserve Speed Function Reset Distance  
 N09900 N182 30...Coolant Temperature Override

N09920 N073 Trq..Cab Accel Pedal Type in PTO Mode

N09940 N055 780..RPM Set Point 1

N09960 N056 1030.RPM Set Point 2

**Prospector version 36.1 0**

Supersedes previous version 36.02

**Engine monitoring protection -Derate- PACCAR MX 0**

engine parameter.

**Gearing Analysis: Balance 0**

power/economy blend results.

**Customer's Typical Operating Spd: 65 mph. 0**

**MX Retarder State Cruise Control On Latch Mode 0**

Selecting this code will program the engine controller to make latch mode available when cruise control is on, but not set, and the engine brake switch is on. Latch mode means the engine retarder is activated when the brake pedal is depressed and does not deactivate until the operator depresses the accelerator pedal. This sales code cannot be selected if either Code 5 or Code 6 are selected. 2013+

**Enable MX Retarder Auto-Retard 0**

Selecting this code will program the engine to utilize the auto retard mode whenever cruise control speed has been set and the engine brake switch is on. The auto-retard mode will control the vehicle speed to an offset from the cruise control set speed via the engine retarder. The offset speed shall be dependent upon customer inputs via the electronic programming work screen. 2013+

**Enable Reserve Speed Drive Cycle Limit 0**

**Effective VSL Setting NA 0**

**Engine Idle Shutdown Timer Disabled 0**

**Enable EIST Ambient Temp Overrule 0**

**Eff EIST NA Expiration Miles 0**

Use only with MX and Cummins engines

**Air compressor: WABCO 28 CFM PACCAR MX. 0**

**Air Cleaner: composite firewall mounted PACCAR or 0**

Cummins engines

**Fan Hub: Horton On/Off for MX-13 0**

**Cooling module: 1330 square inches. On-off fan 0**

hub, nylon fan blade, translucent top tank, air-to-air heat exchanger/aftercooler, silicone hoses w/constant torque clamps, long life coolant.

**Description Weight**

**RH under cab DPF/SCR w/ RH SOC vertical tailpipe. 0**

For use w/ daycabs, extended daycabs, or modular sleepers. T660 requires split fender hood

**Tailpipe: 5 in. single 36 in. 45 degree curved. 0**

For use with any Exhaust other than SCR Independent.

**PACCAR Fuel filter/water separator: return fuel 0**

heat w/integral thermostat. PACCAR MX-13 2013+

**Alternator: PACCAR 160 amp, brush type 0**

**Batteries: 3 PACCAR GP31 threaded post (700) 2100 0**

CCA dual purpose.

**Starter: PACCAR 12 volt electrical system. W/ 0**

centralized power distribution incorporating plug-in style relays. Circuit protection for serviceability, 12-volt light system w/circuit protection circuits number & color coded.

**12V low voltage disconnect for starter battery 0**

protection.

**Enable Driver Performance Assistant (DPA) 0**

Enables the overall Driver Performance Assistant functionality, which provides visual feedback to the driver that helps improve their fuel economy, minimize wear on the service brakes, and provides long-term scores indicative of how well the driver is performing against both goals.

**DPA - Enable Driver Coaching 0**

Enables popups that will actively coach the driver to improve their performance if they are performing poorly, or congratulate them if they are doing well. Frequency of the popups are conditioned upon the driver's overall, long-term score. A better score leads to less frequent popups, while a poorer score leads to more frequent popups.

**DPA - Enable Anticipation Score 0**

Enables the Driver Performance Assistant's Anticipation Score functionality that encourages the driver to anticipate braking events earlier and coast longer in order to increase fuel economy.

**DPA - Enable Brake Saving Score 0**

Enables the Driver Performance Assistant's Brake Saving Score functionality that encourages the driver to use engine brakes to avoid service brake wear.

**DPA - Enable Reset by Driver 0**

Indicates whether or not the customer wants the driver to have the ability to reset the long-term scoring within the DPA functionality. Customers always have the ability to reset the scoring via a service tool.

**DPA - Recommended Settings 0****Transmission & Clutch****Transmission: Fuller FA016810C 10-speed -110**

Fuller Advantage Series, Overdrive, Manual. \*No oil cooler required.

\*Torque Limit: 1650 pound-feet.

**Description Weight****Clutch: Eaton 4 paddle ceramic 1650 lb-ft 0**

Eaton 15-1/2 in. Easy Pedal Advantage Manual Adjust Clutch cover. Torque limiting clutch brake. Severe duty pilot bearing. Synthetic lubrication for Eaton Fuller & axles. Extended grease fitting.

**Air-assisted Hydraulic Clutch 0****Driveline: 2 heavy-duty 1 centerbearing. 99**

\*Hvy duty is 1810 series.

**Aluminum clutch housing 0****Front Axle & Equipment****MERITOR MFS12E 12.5K 3.5in. drop standard track 0****Front Brakes: 14.6K Bendix ES s-cam 16.5x5 in. -62****Front Brake Drums: 14.6K 16.5x5 in. cast. 78****Front Hub: aluminum hub pilot 13,200 lbs. 0**

10-Bolt, 11-1/4 in. bolt circle .

**ConMet PreSet Plus Hub package; front axle. 0****Hubcap: front vented. 0****Front Auto Slack Adjuster. 0****Front Springs: Taperleaf 12K w/ shock absorbers 0**

w/ maintenance-free elastomer spring pin bushings. Standard with rubber pins except for C500 which has threaded pins. Not available on W900L.

**Single power steering gear: 13.2K Sheppard HD94. 0****Rear Axle & Equipment****Dual Dana Spicer DSP40 rear axle rated at 40K. 0**

w/ 9.5mm housing and 1.88in. shaft diameter. Tandem rear axles.

**Rear Axle Ratio - 3.70. 0****Dual Rear Brakes 16-1/2x7 in. to 46K; 0**

Bendix ES-extended service S-cam.

**Dual Rear Brake Drums: cast. 0****Dual Rear Hubs: Aluminum hub pilot 46K 0**

11-1/4 in. bolt circle.

**ConMet PreSet Plus Hub package; dual rear axle. 0****Dual Rear axle automatic slack adjusters. 0****Spring Brake: 3030 high output dual. 0****Bendix 4S/4M anti-lock brake system. 0****Rear suspension: Tandem Reyco 102 38K. 0**

4-spring multileaf & 52 in. axle spacing. Steel crossmembers & gussets. Unladen Height: 10.8 in. Laden Height: 9.2 in.

**Tires & Wheels****Description Weight****Front tires: Bridgestone R283ECOPIA 295/75R22.5 0**

14PR. 40.3 in. diameter, all position. 18.8 in. SLR. Smartway certified.

**Rear tires: Bridgestone R283ECOPIA 295/75R22.5 0**

14PR. 40.3 in. diameter, all position. 18.8 in. SLR. Smartway certified.

Code is priced per pair of tires.

**Rear Tire Quantity: 8 0****Front wheel: Accuride 50487 22.5x8.25 steel 0**

Steel Armor[TM] powder coat, hub pilot mount. 7400lb. maximum rating. 5-

hand hole. Air disc brake compatible.

**Rear wheel: Accuride 50487 22.5x8.25 steel 0**

Steel Armor[TM] powder coat, hub pilot mount. 7400lb. maximum rating. 5-hand hole. Air disc brake compatible. Code is priced per pair of wheels.

**Powder coat white steel wheel. Use in conjunction 0**

with front, dual front, rear, spare or lift axle wheel code(s). All wheels on chassis must have same finish color.

**Rear Wheel/Rim Quantity: 8 0**

**Frame & Equipment**

**Frame Rails: 10-5/8 x 3-1/2 x 5/16 in. Steel to 154**

285 in. to 336 in. Truck frame weight is 2.91 lb.-in. per pair of rails. Section modulus is 14.80, RBM is 1,776,000 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.

**Bumper: Straight Aluminum Channel. Requires a 0**

bumper setting code.

**48.5 in. Bumper setting. Requires a bumper code. 0**

**Front mudflaps. 0**

**Battery box module: Short length aluminum 0**

parallel under cab, aluminum diamond plate cover w/ step. Up to 2 air tanks may mount to bottom of box. Batteries will be oriented perpendicular on rail.

**Battery box location: LH Side. 0**

**T470,C5, T6, T8 non-polished DPF/SCR or CNG cover 30**

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.

**Rear mudflap arms: Betts B-25 standard-duty, 0**

straight. Includes B1732 mounting brackets as standard.

**Rear mudflap shields: White plastic antisail w/ 0**

Kenworth logo.

**Square end-of-frame w/ o crossmember;non-towing. 0**

**Fuel Tanks & Equip**

**Description Weight**

**Fuel Tank: 100 US gallon 24.5in. aluminum BOC 0**

replace. Class 8 fuel tanks w/ o locking caps include an anti-siphon device on the filler neck.

**Small round DEF tank. 11 gallons of 0**

useable volume. 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.

**Standard DEF to fuel fill ratio: 2:1 or greater. 0**

**Anti-siphon device swaged in place. 0**

For any number of fuel tanks.

**DEF tank location is on the LH. 0**

**Location: 100 gal fuel tank RH behind cab 0**

**Cab & Equipment**

**Cab: Stamped aluminum cab with panoramic curved 0**

glass windshield. Standard with stamped aluminum doors, heavy duty inswinging hinges, and triple sealed doors. Manufactured using selfpiercing rivets and structural adhesive. Includes LED exterior marker lights and turn signals.

**Hood:T880 Short Length MX-Optimized W/Mechan. 0**

Fastened Fenders. 116.7 inch BBC.

**Daycab HVAC system with defrost, A/C, and 48,000 0**

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 & 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.

**Steering wheel: 18 in. 4-spoke. 0**



#### **Fixed steering column. -4**

#### **Kenworth Driver Performance Center:5in Full Color 0**

high resolution Thin Film Transistor (TFT) active matrix display with advanced driver information including fuel economy performance, outside air temp, clock, odometer and trip, engine hour meter, ignition timer, engine RPM, general truck information, diagnostics, and gear display. All Highline functionality is accessed via the Kenworth MCS providing intuitive control at the driver's fingertips. Also includes Dark Cabin functionality. When activated, the only interior light that will function when a door is opened is the door courtesy lamp.

#### **Kenworth instrumentation and control package with 0**

9 standard easy-read gauges: includes speedometer, tachometer, fuel gauge, engine coolant temp, engine oil pressure, voltmeter, dual air pressure, and DEF gauge. All accessory controls utilize electronically activated solenoids that include advanced vehicle protection interlocks.

#### **Interior color: Slate Gray 0**

#### **Description Weight**

#### **Interior package: Vantage daycab 0**

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.

#### **Rubber floormat 0**

#### **DR Seat: GT701 IB with Vinyl material. 0**

The GT701 is standard with a single air bag, scissor linkage seat suspension. It includes a single chamber lumbar support, 10in Fore/Aft adjustment, 7in Up/Down adjustment, 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.

#### **RD Seat: GT100 Toolbox IB with Vinyl Material. 0**

The GT100 seats are standard with fixed base. Includes 3-point matching seat belts. RD seat standard w/ LH armrest.

#### **Seat color: Slate Gray with Gray stitching. 0**

#### **Non-self cancelling turn signal: W/column-mounted 0**

headlight dimmer switch & intermittent wiper control.

#### **Kenworth TruckTech+ 0**

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 Kenworths with an MX engine.

#### **Dual Cab Interior Grabhandles: A Pillar Mounted 0**

Dash Wrap and B Pillar Mounted Grabhandles

#### **Kenworth Daylite Door with standard LH/RH 0**

electric door locks and LH/RH electric window controls.

#### **Single air horn under cab. 0**

#### **Convex look-down mirror. Single 11in X 6in 0**

mounted to passenger door with black housing. Non-Heated.

#### **Aero Mirror: Dual Kenworth Aerodynamic Motorized 0**

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.

#### **Rear cab stationary window 19in x 36in 0**

#### **One-piece bonded-in windshield with curved glass. 0**

Standard.

#### **Kenworth Cab/Sleeper Air Suspension. 0**

#### **Lights & Instruments**

#### **Headlamps: SAE Dual Halogen Complex Reflector 0**

#### **Description Weight**

#### **Marker Lights: Five, rectangular, LED 0**

#### **Turn Signal Lights: Flush mounted LED mounted at 0**

top of fender wheel arc

**LED Stop,Turn,Tail:Flange Mounted With Two LED 0**

backup lights and with an LED license plate.

**Marker Lights: Interrupter switch. 0**

Included in Turn Signal for all models except T3. The T3 switch is in the dash.

**Air Equipment**

**Air Dryer: Bendix AD-IS heated. 0**

**Moisture ejection valve w/ pull cable drain. 0**

**Nylon air tubing in frame & cab, excluding hoses 0**

subject to excessive heat or flexing.

**Extended Warranty**

**Standard Warranty. 0**

**Miscellaneous**

**GHG Secondary Manufacturer: Does Not Apply 0**

**Paint**

**Paint color number. 0**

N97020 A - L0006 WHITE

N97200 FRAME N0001 BLACK

**Bumper Unpainted 0**

**Day Cab Standard Paint 0**

**1 - Color Paint - Day Cab 0**

Color will be White L0006EB if no other color is specified.

**Base coat/clear coat. 0**

The Kenworth Color Selector contains additional instructions, as well as information on Kenworth paint guidelines and surface finish applications.

Kenworth is standard with Dupont Imron Elite paint.

Total Weight 15421

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**H-GAC Product Code: H16**  
**W900, Conv. Cab, SFFA, TRA**

## **Vehicle Summary**

### **Unit Chassis**

Model: W900 Series Conventional. Fr Axle Load (lbs): 12000

Type: FULL TRUCK Rr Axle Load (lbs) 38000

Description: W900 - TRA G.C.W. (lbs): 50000

### **Application** Road Conditions:

Intended Serv.: Local pickup & delivery.

Vehicles which haul Class A (Highway) 90

Commodity: General freight Class B (Hwy/Mtn) 10

Class C (Off-Hwy) 00

### **Body** Class D (Off-Road) 00

Type: Van Maximum Grade: 6

Length (ft): 14.0 Wheelbase (in): 182

Height (ft): 12.0 Overhang (in): 60

Max Laden Weight (lbs): 4000 Fr Axle to BOC (in): 90

Cab to Axle (in): 92

**Trailer** Cab to EOF (in): 152

No. of Trailer Axles: 0 Overall Comb. Length

(in): 274

Type:

Length (ft): 0.0 **Special Req.**

Height (ft): 0.0 U.S. Domestic Registry, 50-State

Kingpin Inset (in): 0

Corner Radius (in): 0

### **Restrictions**

Length (ft): 120

Width (in): 102

Height (ft): 13.5

### **Description Weight**

#### **Model**

**W900 Series Conventional.** 15,634

Threaded steel spring pins & bushings, 16mm. fasteners from rear cab support to end-of-frame, except tractor taper crossmember. Vinyl inside sunvisors, driver side includes strap & mirror, rider side includes strap; Under-dash center console w/ 2 cup holders, 2-12V outlets & a storage compartment, Glove box door with locking latch.

**W900: Straight or Sloped Hood.** 0

**CARB Idle Emissions Reduction Feature.** 0

Paccar MX engines - Low NOx Idle.

**Non-Sleeper w/rear axle capacity less than 59K.** 0

**General freight** 0

**Local pickup & delivery. Vehicles which haul** 0

freight, typically operating within a 100-mile radius, on public streets & highways, & other paved surfaces, including limited Class C roads.

Includes package & freight delivery, as well as fuel oil or petroleum distribution, etc. Road usage: minimum 3% Class B, do not code for Class D.

**Van** 0

**U.S. Domestic Registry, 50-State** 0

### **Engine & Equipment**

**PACCAR MX-13 405 2013+ 405@1700 1450@1000 with** 0  
engine brake.

N08000 N219 0....Offset mode

N08030 N224 2....Maximum Vehicle Speed Bonus

N08040 N227 -2....Maximum Vehicle Speed Penalty

N08190 N246 4....Minimum Vehicle Speed for DSA Activation

N08200 N247 1....Lowest Gear that DSA will be active

N08210 N248 10....Highest Gear that DSA will be active

N09020 N170 120..Standard Maximum Speed Limit [LSL]

N09030 N169 0....VSL Expiration Distance  
N09040 N162 64...Maximum Accelerator Pedal Vehicle Speed  
N09060 N163 0....Maximum Cycle Distance  
N09070 N052 650..Engine Idle Speed  
N09100 N015 No...Enable Retarder During Manual Transmission Gear Selection  
N09110 N019 0....Delay in Engine Brake Activation w/ Brake Pedal Depressed  
N09120 N014 2....Auto Retard Vehicle Speed Offset

**Description Weight**

N09130 N013 4....Downhill Speed Limiter Vehicle Speed Offset  
N09140 N006 64...Max Cruise Speed  
N09150 N001 16...Minimum Speed to Turn Cruise Control Off  
N09160 N003 19...Minimum Cruise Control Speed  
N09170 N002 19...Min Speed to Automatically Turn Cruise Control On  
N09180 N005 1....Value to Increase Speed w/ Set/Accel Bump Switch  
N09190 N004 1....Value to Reduce Speed w/ Resume/Decel Bump Switch  
N09200 N039 ON...Allow Multi-Torque Only When Cruise is Active  
N09210 N193 0....EIST Expiration Distance  
N09220 N188 5....Timer Setting Non-PTO Mode w/o Park Brake Set  
N09230 N187 5....Timer Setting Non-PTO Mode w/ Park Brake Set  
N09240 N194 60...Timer for Impending Shutdown Warning  
N09250 N190 Yes..Reset EIST Timer Based on Engine Load  
N09260 N191 No...Overrule EIST Timer Based on Engine Load - No Shutdown  
N09270 N183 35...Engine Load Threshold  
N09280 N186 5....Timer Setting When in PTO Mode  
N09290 N200 Yes..Allow EIST Timer Overrides in PTO Mode  
N09300 N185 40...Low Ambient Temperature Override  
N09310 N184 80...High Ambient Temperature Override  
N09350 N197 Yes..Enable Accelerator Pedal Reset  
N09360 N199 Yes..Enable Clutch Pedal Reset  
N09370 N198 Yes..Enable Service Brake Reset  
N09380 N071 OFF..FIC Enable/Disable  
N09390 N072 1900.Maximum Fast Idle Control Engine Speed  
N09400 N105 100..Decrease Engine Speed w/ Res/Decel Bump Switch  
N09410 N107 100..Increase Engine Speed w/ Set/Accel Bump Switch  
N09420 N104 250..Rate to Decrease Engine Speed w/ Res/Decel Switch Held  
N09430 N103 350..Rate to Increase Engine Speed w/ Set/Accel Switch Held  
N09440 N080 1....PTO Vehicle Speed Limit  
N09450 N078 On...PTO Mode Disabled w/ Clutch Pedal Depressed  
N09460 N101 On...PTO Mode Disabled w/ Service Brake Depressed  
N09470 N079 On...PTO Mode Enable Only w/ Parking Brake Set  
N09480 N089 On...PTO Mode Enable Only w/ Transmission Neutral  
N09490 N082 50...Reduce Engine Speed w/ Resume/Decel Switch Bump  
N09500 N083 50...Increase Engine Speed w/ Set/Accel Switch Bump  
N09510 N084 250..Rate of Decrease in Engine Speed w/ Switch Held Down  
N09520 N085 350..Rate of Increase in Engine Speed w/ Switch Held Down  
N09530 N110 On...Enable Set Point w/ Set/Accel Switch Bump  
N09540 N087 780..RPM Set Point  
N09550 N086 2000.Maximum Engine Speed During PTO Operation  
N09560 N090 50...Reduce Engine Spd w/ Remote Res/Decel Switch Bump  
N09570 N092 50...Increase Engine Spd w/ Remote Set/Accel Switch Bump  
N09580 N091 200..Rate of Decrease in Engine Speed w/ Switch Held Down

**Description Weight**

N09590 N093 250..Rate of Increase in Engine Speed w/ Switch Held Down  
N09600 N106 660..Minimum Engine Speed During PTO Operation  
N09610 N077 1902.Maximum Engine Torque During PTO Operation  
N09620 N109 No...Enable PTO Speed Maximum Rate of Change

N09630 N081 75...PTO Speed Maximum Rate of Change  
N09640 N173 0....Reserve Speed Offset  
N09820 N065 5....HEST Warning Minimum Vehicle Speed  
N09840 N179 Yes..Enable Park Brake Reset  
N09880 N164 252..Reserve Speed Function Reset Distance  
N09900 N182 30...Coolant Temperature Overrule  
N09920 N073 Trq..Cab Accel Pedal Type in PTO Mode  
N09940 N055 780..RPM Set Point 1  
N09960 N056 1030.RPM Set Point 2

**Prospector version 36.1 0**

Supersedes previous version 36.02

**Engine monitoring protection -Warning- PACCAR MX 0**  
engine parameter.

**Gearing Analysis: Balance 0**

power/economy blend results.

**Customer's Typical Operating Spd: 65 mph. 0**

**MX Retarder State Cruise Control On Manual Mode 0**

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+

**Enable MX Retarder Auto-Retard 0**

Selecting this code will program the engine to utilize the auto retard mode whenever cruise control speed has been set and the engine brake switch is on. The auto-retard mode will control the vehicle speed to an offset from the cruise control set speed via the engine retarder. The offset speed shall be dependent upon customer inputs via the electronic programming work screen. 2013+

**Enable Reserve Speed Drive Cycle Limit 0**

**Effective VSL Setting NA 0**

**Engine Idle Shutdown Timer Disabled 0**

**Eff EIST NA Expiration Miles 0**

Use only with MX and Cummins engines

**Air compressor: WABCO 28 CFM PACCAR MX. 0**

**Air Cleaner: Dual 13 in. ERA stainless steel cowl 0**  
mounted w/Kenworth bug w/Preferred Fit Element.

**Fan Hub: Horton On/Off for MX-13 0**

**Cooling module: W900B 1670 square inches. On-off 0**

fan hub, nylon fan blade, translucent top tank, air-to-air heat exchanger/aftercooler, silicone hoses w/constant torque clamps, long life coolant. Drain valve is not available w/Allison transmissions.

**Description Weight**

**RH under cab DPF/SCR w/ RH SOC vertical tailpipe. 0**

For use w/ daycabs, extended daycabs, or modular sleepers. T660 requires split fender hood

**Tailpipe: 5 in. single 36 in. 45 degree curved. 0**

For use with any Exhaust other than SCR Independent.

**PACCAR Fuel filter/water separator: return fuel 0**

heat w/integral thermostat. PACCAR MX-13 2013+

**Alternator: PACCAR 160 amp, brush type 0**

**Batteries: 3 PACCAR GP31 threaded post (700) 2100 0**

CCA dual purpose.

**Starter: PACCAR 12 volt electrical system. W/ 0**

centralized power distribution incorporating plug-in style relays. Circuit protection for serviceability, 12-volt light system w/circuit protection circuits number & color coded.

**Multi-function engine connector for body builder 0**

interface PACCAR MX engine only. T680/T880: This feature is standard, no code required.

**Transmission & Clutch**

**Transmission: Fuller FRO14210C 10-speed -18**

Standard with synthetic lubricant. Includes severe-duty pilot bearing on all class 8 models. \*Torque Limit: 1450 pound-feet.

**Clutch: Eaton 4 paddle ceramic 1650 lb-ft 0**

Eaton 15-1/2 in. Easy Pedal Advantage Manual Adjust Clutch cover. Torque limiting clutch brake. Severe duty pilot bearing. Synthetic

lubrication for Eaton Fuller & axles. Extended grease fitting.

**Driveline:1 heavy-duty no centerbearing. 0**

\*Hvy duty is 1810 series.

**Chassis will be fitted w/LH transmission PTO. 0**

(PREVENTS ECU F/INTERFERING W/PTO ONLY)

**Internal cooler for Fuller FR/FRO/FRLO series 11**

main transmission under 1550 lb-ft.

**Front Axle & Equipment**

**MERITOR MFS12E 12.5K 3.5in. drop standard track 0**

**Front Brakes: 14.6K Bendix ES s-cam 16.5x5 in. -62**

**Front Brake Drums: 14.6K 16.5x5 in. cast. 78**

**Front Hub: iron hub pilot 14,600 lbs. 48**

11-1/4 in. bolt circle. For use w/ air disc brakes. Consider wheelguards (5850002) w/ aluminum wheels.

**ConMet PreSet Plus Hub package; front axle. 0**

**Hubcap: front vented. 0**

**Front Auto Slack Adjuster. 0**

**Description Weight**

**Front Springs: Taperleaf 12K w/ shock absorbers 0**

w/ maintenance-free elastomer spring pin bushings. Standard with rubber pins except for C500 which has threaded pins. Not available on W900L.

**Single power steering gear: 13.2K TRW TAS65. -1**

**Rear Axle & Equipment**

**Dual Dana Spicer DSP40 rear axle rated at 40K. 0**

w/ 9.5mm housing and 1.88in. shaft diameter. Tandem rear axles.

**Rear Axle Ratio - 3.70. 0**

**Dual Rear Brakes 16-1/2x7 in. to 46K; 0**

Bendix ES-extended service S-cam.

**Dual Rear Brake Drums: cast. 0**

**Dual Rear Hubs: Aluminum hub pilot 46K 0**

11-1/4 in. bolt circle.

**ConMet PreSet Plus Hub package; dual rear axle. 0**

**Dual Rear axle automatic slack adjusters. 0**

**Spring Brake: 3030 high output dual. 0**

**Bendix 4S/4M anti-lock brake system. 0**

**Rear suspension: Tandem Reyco 102 38K. 0**

4-spring multileaf & 52 in. axle spacing. Steel crossmembers & gussets.

Unladen Height: 10.8 in. Laden Height: 9.2 in.

**Tires & Wheels**

**Front tires: Bridgestone R283ECOPIA 295/75R22.5 0**

14PR. 40.3 in. diameter, all position. 18.8 in. SLR. Smartway certified.

**Rear tires: Bridgestone R283ECOPIA 295/75R22.5 0**

14PR. 40.3 in. diameter, all position. 18.8 in. SLR. Smartway certified.

Code is priced per pair of tires.

**Rear Tire Quantity: 8 0**

**Front wheel: Accuride 50487 22.5x8.25 steel 0**

Steel Armor[TM] powder coat, hub pilot mount. 7400lb. maximum rating. 5-hand hole. Air disc brake compatible.

**Rear wheel: Accuride 50487 22.5x8.25 steel 0**

Steel Armor[TM] powder coat, hub pilot mount. 7400lb. maximum rating. 5-hand hole. Air disc brake compatible. Code is priced per pair of wheels.

**Powder coat white steel wheel. Use in conjunction 0**

with front, dual front, rear, spare or lift axle wheel code(s). All wheels on chassis must have same finish color.

**Rear Wheel/Rim Quantity: 8 0**

**Frame & Equipment**

**Description Weight**

**Frame Rails: 10-3/4 x 3-1/2 x 3/8in. Steel to -24**

284 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.

**Bumper: Straight Aluminum Channel. Requires a 0**  
bumper setting code.

**31.5 in. Bumper setting. Requires a bumper code. 0**

**Steel shackle links. 9**

**Front mudflaps. 0**

**W9 battery box module: Short length aluminum 0**

parallel, under cab, aluminum diamond plate cover w/ step. Up to 2 air tanks may mount to bottom of box. Batteries will be oriented perpendicular on rail.

**Battery box location: LH Side. 0**

**W900 non-polished DPF/SCR or CNG diamond plate 35**

cover w/ step. For use w/ 2010 or later exhaust systems. For W900B/L, use extended length non-polished battery box on opposite rail to match the length of under cab components.

**Rear mudflap arms: Betts B-25 standard-duty, 0**

straight. Includes B1732 mounting brackets as standard.

**Rear mudflap shields: White plastic antisail w/ 0**

Kenworth logo.

**Square end-of-frame w/ o crossmember;non-towing. 0**

**Fuel Tanks & Equip**

**Fuel Tank: 60 US gallon 24.5in. aluminum BOC -15**

replace. Class 8 fuel tanks w/ o locking caps include an anti-siphon device on the filler neck.

**Small round DEF tank. 11 gallons of 0**

useable volume. 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.

**Standard DEF to fuel fill ratio: 2:1 or greater. 0**

**Anti-siphon device swaged in place. 0**

For any number of fuel tanks.

**DEF tank location is on the LH. 0**

**Location: 60 gal fuel tank LH behind cab 0**

**Cab & Equipment**

**Description Weight**

**Cab: Curved Glass Conventional. 0**

Cab Includes aluminum & fiberglass fully hucked cab w/ all aluminum bulkhead doors & continuous stainless steel piano-style door hinges. Single electric horn standard. Incandescent exterior lights include diagnosable bulb detection and warning. Trailer cable on tractors includes integrity detection. Standard features include multiplex wiring for interior lights, automated pre-trip inspection, short and open check diagnostics. Warning alarm will sound when lights are left on.

**Hood: Straight Unitglas hood w/ grille & 0**

shell use for W900B requires 1200/1430 square in. radiator & export engine, or 1430 square in. radiator & 2007 engine, or 1670 square in. radiator & 2010+ engine.

**Cab heater: W/integral defrosters & A/C 45,000 0**

btu cab heater. No sleeper heater/AC. Includes 5 mode rotary control. T660 include filter media.

**Steering wheel: 18 in. 4-spoke. 0**

**KW Driver Information Center: Includes fuel 0**

economy, RPM display, trip information, truck information, diagnostics, gear display, alarm clock.

**Instrument package: Includes speedometer, 0**

tachometer, fuel gauge, engine coolant temperature gauge, engine oil pressure, voltmeter. Class 8 also includes primary & secondary air reservoir gauges & an air application gauge. DEF level gauge and warning lamp are included with 2010+ engines. Engine hour meter and outside air temperature readouts are standard. Primary read out will be MPH. Add 8240620 to switch primary scale to KPH in Canada.

**Cab interior: Splendor. Includes smooth 0**

upholstered side & back panels w/stitched accent lines, upholstered door pads, full vinyl headliner, black dash panels & black rubber floor mats.

**Interior color: Slate Gray w/trim Dark Slate Gray 0**

**Driver seat: Kenworth Air cushion Plus HB cloth. 0**

Standard features includes 7 in. fore and aft slide adjustment w/isolator, 6-23 degree recline, air suspension with cover, dual armrests, and single chamber air lumbar support. Seat cushion is 20 inches wide w/ 2-position tilt and 2-position front cushion extension. Seat material has a horizontal stitch pattern and is 2-tone in color. Seat back is carpeted and includes a map pocket. Seat is manufactured by National. Includes inside visor and retractable 3-point matching seat belts. Grey seat belts.

**Rider seat: Kenworth Toolbox Plus HB cloth. 0**

Standard features include fixed base and backrest, tool box seat base w/ door, and dual armrests. Seat cushion is 19.5 inches. Seat material has a horizontal stitch pattern and is 2-tone in color. Seat back is carpeted with a map pocket. Seat is manufactured by National. Includes inside visor and retractable 3-point matching seat belts. Grey seat belts.

**Seat color: Dark Slate Gray. 0**

**Non-self cancelling turn signal: W/column-mounted 0**

headlight dimmer switch & intermittent wiper control.

**Description Weight**

**Electric LH & RH door locks. 0**

**Kenworth TruckTech+ 0**

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 Kenworths with an MX engine.

**Long grabhandle RH side of cab. 0**

**Long grabhandle LH side of cab. 0**

**Grabhandle LH inside door frame above dash. 0**

**Grabhandle RH inside door frame above dash. 0**

**DAYLITE DOOR: LH/RH INCL RH PEEPER WINDOW 0**

**Single air horn under cab. 0**

**Single convex mirror 8-1/2 in. x 4-7/16 in. 0**

located on rider side, and non-heated.

**Mirror: Dual Prutsman fixed heated mirrors 0**

7 in. x 16 in. includes 7-1/2 in. convex mirror, RH.

**Mirror brackets 8-1/2 ft load width. 0**

**Rear Cab Stationary Window 17 in. x 36 in. 0**

**Manual LH & electric-powered RH door window. 0**

Switch located on door.

**One-piece windshield, w/ curved glass. 0**

**Exterior aerodynamic sunvisor w/ integral marker 0**

lights.

**Lights & Instruments**

**Headlamps: Dual Rectangular, extended life 0**

halogen

**Marker Lights: Five aerodynamic mounted in 0**

sunvisor.

**Turn Signal Lights: Mounted on fender 0**

**LED Stop,Turn,Tail:Flange Mounted With Two LED 0**

backup lights and with an LED license plate.

**Marker Lights: Interrupter switch. 0**

Included in Turn Signal for all models except T3. The T3 switch is in the dash.

**Air Equipment**

**Air Dryer: Bendix AD-IS heated. 0**

**Moisture ejection valve w/ pull cable drain. 0**

**Nylon air tubing in frame & cab, excluding hoses 0**

subject to excessive heat or flexing.

**Description Weight**

**Extended Warranty**

**Standard Warranty. 0**

**Miscellaneous**

**GHG Secondary Manufacturer: Does Not Apply 0**

**Paint**

**Paint color number. 0**



N97020 A - L0006 WHITE  
N97200 FRAME N0001 BLACK

**Bumper Unpainted 0**

**Day Cab Standard Paint 0**

**1 - Color Paint - Day Cab 0**

Color will be White L0006EB if no other color is specified.

**Base coat/clear coat. 0**

The Kenworth Color Selector contains additional instructions, as well as information on Kenworth paint guidelines and surface finish applications.

Kenworth is standard with Dupont Imron Elite paint.

Total Weight 15695

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