



Pb Of Knoxville (P143)
5218 Rutledge Pike
Knoxville, Tennessee 37924

North Carolina Sheriff's Assoc
323 West Jones Stree
Raleigh, North Carolina 27603
United States of America

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Vehicle Summary

Unit		Chassis	
Model:	Model 337	Fr Axle Load (lbs):	12000
Type:	Full Truck	Rr Axle Load (lbs):	22700
Description 1:	NCSA 337 20 Yd REL	G.C.W. (lbs):	79000
Description 2:	NCSA 22-06-0426		
Application		Road Conditions:	
Intended Serv.:	City Delivery	Class A (Highway)	100
Commodity:	Refuse, Scrap, Recycling	Class B (Hwy/Mtn)	0
		Class C (Off-Hwy)	0
		Class D (Off-Road)	0
Body		Maximum Grade:	
Type:	Other Body Type		6
Length (ft):	20	Wheelbase (in):	208
Height (ft):	13.5	Overhang (in):	81.8
Max Laden Weight (lbs):	1000	Fr Axle to BOC (in):	69.8
		Cab to Axle (in):	138.2
		Cab to EOF (in):	220
Trailer		Overall Comb. Length (in):	328
No. of Trailer Axles:	0		
Type:			
Length (ft):	0	Special Req.	
Height (ft):	0		
Kingpin Inset (in):	0		
Corner Radius (in):	0		
Restrictions			
Length (ft):	40		
Width (in):	102		
Height (ft):	13.5		

Approved by: _____

Date: _____

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



Std/ Opt	Description	Weight
Base Model		
S	Model 337 The Peterbilt Model 337 is built to take on the big jobs. That's why it's available as a Class 7 truck or tractor with a GVW up to 33,000 lbs. With a full range of suspensions and in an all-wheel-drive configuration, the 337 delivers an ideal match for applications such as wrecker, tanker, beverage delivery, municipal utilities – just about any job you can throw at it.	10,070
O	Refuse, Scrap, Recycling	0
S	City Delivery Truck or tractor which hauls freight, typically operating within a 100-mile radius, on public streets and highways and other paved surfaces. Typically includes package and freight delivery.	0
O	Other Body Type	0
S	United States Registry Canadian Registry Package Requires Air Conditioning Excise Tax Canada, Speedometer to be KPH ipo MPH, Daytime Running Lights and Rubber Battery Pad in Bottom of Battery Box.	0
Configuration		
S	Not Applicable Secondary Manufacturer	0
Frame & Equipment		
O	10-3/4" Steel Rails To 354" 10.75x3.5x.375 Dimension, 2,136,000 RBM; Yield Strength: 120,000 psi. Section Modulus: 17.8 cubic inches. Weight: 1.74 lbs/inch pair	454
O	Zinc Coated Anti Corrosion Treated Frame Rails Requires Frame Rail Code. Zinc Phosphate coating will replace the standard frame rail primer and provide added corrosion prevention for your customer's operating in severe conditions or in climates where vehicle rust is common.	4
O	208" Wheelbase	0
O	Three-Piece Crossmembers	58
S	EOF Square without Crossmember End-of-frame square without crossmember. For use with body builder installed crossmember.	0
S	Omit Rear Mudflaps and Hangers	0
Front Axle & Equipment		
O	Dana Spicer E1202IL 12,000 lb, 3.5 in. Drop Axle is designed for applications with a gross axle weight rating (GAWR) of 12,000 lb. The axles have exclusive one-piece forged	0



Std/ Opt	Description	Weight
	design knuckle including steer arm, tie rod arm and spindle. This feature helps in greater durability and reduced maintenance.	
O	Taper Leaf Springs, Shocks 12,000 lb Hendrickson taper leaf springs, shocks for 12,000 lbs.	0
S	Power Steering Sheppard HD94 Sheppard HD94 power steering gear is a light weight version of heavy duty line-haul power steering gear. For use with 12,000 to 14,000 lb. axle ratings.	0
O	Power Steering Reservoir Frame Mounted The power steering reservoir is a steering system that eases drivability by applying hydraulic pressure to the steering gear.	0
O	PHP10 Aluminum PreSet Hubs	0
O	Dana Spicer Wide Track IPO Standard Dana Spicer wide track front axles offer added stability and deliver greater turn angles. 71in KPI IPO 69in for E1202, E1322, E1462, D2000F front axles.	15
S	Bendix Air Cam Front Drum Brakes 16.5x5 For use with 10,000 lbs to 14,600 lbs steer axles. Includes automatic slack adjusters & outboard mounted brake drums.	0
S	Gusseted Cam Brackets, Steer Axle	0

Rear Axle & Equipment

O	Dana Spicer S23-190 23,000 lb Laser factory axle alignment to improve handling & reduce tire wear. Magnetic rear axle oil drain plug captures & holds any metal fragments in drive axle lube to extend service life. Parking brakes on all drive axles for optimal performance. Cognis EMGARD® FE 75W-90 synthetic axle lube provides over 1% fuel economy improvement. Reduces wear & extends maintenance intervals, resulting in increased uptime. Provides improved fluid flow to protect components in extreme cold conditions & withstand the stress from high temperatures, extending component life.	344
O	PHP10 Aluminum PreSet Hubs	0
O	Bendix Smart ATC Traction Control	2
O	Gusseted Cam Brackets, Drive Axle(s)	2
S	SBM Valve Full trucks require a spring brake modulation (SBM) system for emergency braking application. This system requires an SBM valve and a relay valve with spring brakes on the rear axles. The SBM valve allows the foot valve to operate the rear axle spring brakes if a failure exists in the rear air system.	0
O	Upsize Parking Brakes	0
S	Stability System Not Selected Or Not Available	0



Std/ Opt	Description	Weight
S	Single Drive Axle (Model 337)	0
S	Anti-Lock Braking System (ABS) 4S4M ABS-6. Includes air braking system.	0
S	Synthetic Axle Lubricant All Axles Peterbilt heavy duty models include Fuel Efficient Cognis EMGARD FE75W-90 which provides customers performance advantages over current synthetic lubricants with reduced gear wear and extended maintenance intervals, resulting in increased uptime. In addition, the lubricant provides improved fluid flow to protect gears in extreme cold conditions and withstand the stress from high temperatures, extending component life.	0
S	Bendix Air Cam Rear Drum Brakes 16.5x7 Bendix Air Cam Rear Drum Brakes to fit all heavy haul, construction, refuse and highway truck and tractor applications. Includes Automatic Slack Adjusters & Outboard Mounted Brake Drums.	0
O	Ratio 4.78 Rear Axle	0
O	Reyco 79KB Multi Leaf 23,000 Lb	30
O	Reyco Helper Springs 4,500 lb For use with Reyco 79KB suspension	62

Engine & Equipment

S	PACCAR PX-9 260@2200 GOV@2200 860@1200 Productivity (2021 Emissions)	0
	N21350 C121 64....Maximum Accelerator Pedal Ve	
	N21370 C128 64....Maximum Cruise Speed (P059)	
	N21460 C132 1400..Max PTO Speed (P046)	
	N21520 C133 5.....Timer Setting (P030)	
	N21610 C188 39....Low Ambient Temperature Thre	
	N21620 C189 60....Intermediate Ambient Tempera	
	N21630 C190 80....High Ambient Temperature Thr	
	N21550 C206 35....Engine Load Threshold (P516)	
	N21340 C209 120....Hard Maximum Speed Limit (P1	
	N21510 C225 YES...Enable Idle Shutdown Park Br	
	N21450 C231 NO....Gear Down Protection (P026)	
	N21570 C233 NO....Idle Shutdown Manual Overrul	
	N21440 C234 YES...Engine Protection Shutdown (
	N21480 C238 NO....Auto Engine Brake in Cruise	
	N21470 C239 NO....Cruise Control Auto Resume (
	N21430 C333 0.....Reserve Speed Limit Offset (
	N21410 C334 0.....Maximum Cycle Distance (N202	
	N21590 C382 YES...Enable Hot Ambient Automatic	
	N21500 C395 0.....Expiration Distance (N209)	
	N21530 C396 YES...Enable Impending Shutdown Wa	
	N21540 C397 60....Timer For Impending Shutdown	
	N21320 C399 120...Standard Maximum Speed Limit	
	N21400 C400 252...Reserve Speed Function Reset	



Std/ Opt	Description	Weight
	N21420 C401 10....Maximum Active Distance (N20 N21330 C402 0.....Expiration Distance (N207)	
O	Engine Idle Shutdown Timer Enabled	0
O	Enable EIST Ambient Temp Overrule	0
	Eff EIST NA Expiration Miles	0
	Effective VSL Setting NA	0
O	Typical Operating Speed 68 MPH	0
O	Remote PTO and Throttle Provision 12-pin connector on engine harness.	0
S	CARB Engine Idling Compliance PACCAR PX-7, PX-9 and MX, Cummins X15 and ISX diesel engines will include the required factory installed serialized sticker on the drivers door to identify them as meeting the NOx idling standard.	0
O	Remote Throttle/PTO Control Switch & Wiring BOC W/ Park Brake	0
S	PACCAR 160 Amp Alternator, Brushed PACCAR 160 AMP alternator, brushed producing 160 Amps at road speed and 100 Amps at idle.	0
O	Immersion Type Block Heater 110-120V Standard location for 2.1M and 1.9M models is left-hand under cab, Model 520 is in bumper, and for Model 220 it is at the driver step. Plug includes a weather-proof cover that protects the receptacle. This pre-heater keeps the coolant in the engine block from freezing when the engine is not running.	2
S	PACCAR 12V Starter, N/A PACCAR MX Engines PACCAR 12-volt electrical system. With centralized power distribution incorporating plug-in style relays. Circuit protection for serviceability, 12-volt light system w/circuit protection circuits number & color coded.	0
O	3 PACCAR Premium 12V Dual Purpose Batt 2190 CCA Threaded stud type terminal. Stranded copper battery cables are double aught (00) or larger to reduce resistance.	62
O	Battery Jumper Terminal Mounted Under Hood LH Frame Rail. Not available with PX-7 engines.	4
O	Batteries In RH BOC Box	0
O	Kissling Battery Disconnect Switch, 300 amp Mounted on battery box	3
O	2-Speed Fan Clutch For Frequent Start/Stops A 2-speed fan clutch is ideal for vocational applications where the fan clutch engagement time exceeds 10% of the engine run time. When the fan clutch is disengaged, the fan still rotates at 15-25% of the engine RPM. This fan rotation provides crucial airflow to the engine and draws virtually no horsepower.	0



Std/ Opt	Description	Weight
S	18.7 CFM Air Compressor N/A X15. Furnished on engine. Teflon lined stainless steel braided compressor discharge line.	0
O	VGT Exhaust Brake (Variable Geometry Turbo). Provides approximately 90-100 HP of retardation and is part of the turbocharger.	0
S	Spin-On Fuel/Water Separator	0
S	No Fluid Heat Option for Fuel Filter	0
O	12V Heat for Fuel Filter Fuel filter heaters help ensure a seamless flow of diesel from the tank to the combustion chamber. Eliminating any possibility of moisture freezing within the fuel filter while simultaneously increasing the fuel temperature for atomization within the engine.	0
O	Engine Protection Shutdown w/ Label Includes oil pressure, oil temperature, coolant temperature, and intake manifold temperature.	0
S	High Efficiency Cooling System Cooling module is a combination of steel and aluminum components, with aluminum connections to maximize performance and cooling capability. Silicone radiator & heater hoses enhance value, durability, & reliability. Constant tension band clamps reduce leaks. Chevron Delo Extended Life Coolant (NOAT) extends maintenance intervals reducing maintenance costs. Anti-freeze effective to -30 degrees F helps protect the engine. Low coolant level sensor warns of low coolant condition to prevent engine damage. Radiator Size by Model: 579/367 FEPTO 1325 sq in, 567/365/367: 1440 sq in, 365 FEPTO: 1184 sq in, 389/367 HH: 1669 sq in, 348: 1000 sq in, 520: 1242 sq in.	0
S	Radial Seal, Dry Type Air Cleaner, Frontal Air Intake. Molded rubber air intake connections with lined stainless steel clamps seal to prevent contaminants in air intake.	0
O	Exhaust Single RH Side of Cab DPF/SCR right-hand Under Cab.	29
O	Curved Tip Standpipe(s)	0
O	36" Ht, 5" Dia Chrome, Clear Coat Standpipe(s)	4

Transmission & Equipment

O	Allison 3500 RDS-P Transmission, Gen 5 Rugged Duty Series. Includes Rear Transmission Support except on MX engines, Mobil Delvac Automatic Transmission Fluid, and Water-Oil Heat Exchange. Also includes features that monitor the transmission fluid, filter and clutch condition. Will display percent life remaining for the transmission fluid, filter and clutches on the shift selector. This information may be displayed using the Mode and Up and Down buttons. A wrench icon will also be included to indicate when the transmission fluid, filter or clutches need servicing. Suited for vehicles operating on/off highway and/or requiring PTO operation. Forward	195
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Std/ Opt	Description	Weight
	ratios: 1st-4.59, 2nd-2.25, 3rd-1.54, 4th-1.00, 5th-0.75, 6th-0.65. Reverse ratios: DR-(5.00).	
S	1710 HD Driveline, 1 Midship Bearing	0
O	(1) Dash Mounted Single Acting Air PTO Control Standard with PTO engaged indicator light on Class 8 units. Occupies the space of one gauge. Specing PTO switch does not ensure the PTO will fit.	0
O	Auto Neutral Activates With Parking Brake Auto Neutral helps improve jobsite safety by reducing the possibility of the truck moving due to throttle application.	0
O	Allison FuelSense 2.0 Not Desired	0
O	Omit Allison Neutral At Stop	0
O	Allison 6-Speed Configuration, Wide Ratio Gears	0
O	Dash Mounted Push Button Shifter Available with Allison transmissions	0
O	Rolling Direction Change Shift Inhibit Feature Allison transmissions. A programmable feature that keeps the transmission from shifting from Drive to Reverse or from Reverse to Drive above a preset speed. This wireless function is enabled when a switch is closed to complete the circuit between input wire 101 and ground. Frequently the function is interfaced with a switch indicating activation of another vehicle function, such as application of the service brakes. When the function is enabled, the TCM will recognize the request for a direction change shift, Reverse-to-Drive or Drive-to-Reverse. If all other operating conditions are acceptable, the TCM will command the requested shift. The enable remains in effect until the switch is opened, followed by the selection of a different direction, Reverse or Drive, at the shift selector. This could be used for doc spotters and refuse. If the function is not enabled, any shift which results in a change of direction is inhibited.	0

Air & Trailer Equipment

O	WABCO SS1200 Plus Air Dryer, Heater Coalescing filter	0
O	Pull Cords All Air Tanks	0
S	Nylon Chassis Hose	0
S	Steel Painted Air Tanks All air tanks are steel with painted finish except when Code 4543330 Polish Aluminum Air Tanks is also selected (then exposed air tanks outside the frame rails will be polished aluminum). Peterbilt will determine the optimal size and location of required air tanks. Narratives requesting a specific air tank size or location will not be accepted for factory installation. See ECAT to determine number or location of air tanks installed.	0



Std/ Opt	Description	Weight
O	Clear Outside Frame of All Air System Components LH BOC	0
O	Clear Outside Frame of All Air System Components RH BOC	0
O	Body Connections 5' BOC Junction box contains light and power circuits for body connections located 5' from back-of-cab	4

Tires & Wheels

O	FF: BR 16ply 11R22.5 R268 Ecopia Efficiency Rating: Poor R268 tread is not a Line Haul tire and is only for Pickup and Delivery or Regional use. Diameter = 41.5 inches; SLR = 19.3 inches	10
S	RR: BR 14ply 295/75R22.5 R268 Ecopia Efficiency Rating: Fair R268 tread is not a Line Haul tire and is only for Pickup and Delivery or Regional use. Diameter = 40.3 inches; SLR = 18.8 inches	0
O	Code-rear Tire Qty 04	0
O	FF: Accur Std Armor 50344PK 22.5X8.25 Heavy duty, 5 Hand Holes	28
O	RR: Accur Steel Armor 50344PK 22.5X8.25 Heavy Duty, 5 Hand Holes	56
O	Code-rear Rim Qty 04	0

Fuel Tanks

O	26" Aluminum 60 Gallon Fuel Tank LH U/C Includes steps for cab access. Paddle handle filler cap with threadless filler neck. Top draw fuel plumbing reduces chance of introducing air into the fuel system during low fuel level conditions due to the central placement of fuel pickup tube. Wire braid fuel lines increase durability & reduce potential for leaks.	-117
O	Location LH U/C 60 Gallon	0
S	DEF Tank Mounted LH BOC Models 220 and 520 mounted left hand back-of-cab.	0
S	DEF To Fuel Ratio Between 1:1 And 2:1	0
O	DEF Tank Medium 20.7 Gallon Capacity	22

Battery Box & Bumper

O	Aluminum Space Saver Battery Box RH BOC Battery access from side	-84
S	Aftertreatment Aluminum Non-Slip Cab Entry	0



Std/ Opt	Description	Weight
	Aftertreatment right-hand under cab step. DPF/SCR for diesel engines, catalyst for natural gas engines. On Models 579 specifying chassis fairings, the box is aerodynamic.	
O	Steel Styled Aero Bumper Painted Black Two tow points	0
Cab & Equipment		
S	Alum Cab 108in BBC Metton Hood w/Bright Crown Includes view window RH door and convex mirror over RH door.	0
O	Severe Service Cab Package #1 Includes Aluminum side skins, aluminum rear skin, steel windshield mask, steel firewall, and steel front floor sheet on all cabs, and additional reinforcement structure on the back wall of the day cab.	39
O	Thermal Insulation Package in Cab Includes thick, closed-cell foam in floor, special mylar-faced foam in walls and roof structure.	2
O	Rubber Fender Lips 2" Wide	8
S	National Driver Seat Increased comfort with more foam in critical areas, better lumbar support, improved adjustability and suspension with toggle link design.	0
S	(2) Person Passenger Seat	0
O	Drivers Armrest - RH Only	2
O	Air Ride Driver	0
S	High Back Driver	0
S	Vinyl Driver	0
S	Non-Air Ride Passenger	0
S	Low Back Passenger	0
S	Vinyl Passenger	0
O	Adjustable Steering Column - Tilt/Telescope	11
S	Steering Wheel With Peterbilt Logo Steering Wheel with embossed Peterbilt logo over horn button.	0
S	Interior Gray/Black Includes rugged charcoal instrument panels, glare-resistant gray dash, black bezels on gauges, (2) power ports, monochromatic molded door pads with durable in-mold color, gray molded back wall, 18 inch 4-spoke soft-touch steering wheel, soft-touch steering column cover, power lift passenger window, extruded rubber floor covering, header-mounted dome light, foot well lighting, integrated "dead pedal", (4)	0



Std/ Opt	Description	Weight
	inside entry grab handles, (2) inside sunvisors, (2) coat hooks, (2) cup holders and map bin in dash.	
O	Extended Rear Window ipo Std Window-Day Cab The extended rear window protrudes two inches more than the standard conventional rear cab window. Take this into consideration when determining your loadspace.	18
S	Day Cab Rear Window Day cab rear window flush to back of cab.	0
S	1-Piece Curved Windshield	0
S	Combo Fresh Air Heater/Air Conditioner With radiator mounted condenser, dedicated side window defrosters, Bi-Level Heater/Defroster Controls, 54,500 BTU/HR, and silicone heater hoses.	0
O	Peterbilt Comfort Control - Cab	6
O	Outside Sunvisor - Stainless Steel Not available with 2.1M high roof sleeper.	4
S	Stainless Steel Mirrors 7 x 16	0
O	(2) Convex 8 Inch SSTL Mirrors Center mounted under mirror bracket. If rear view mirrors are heated, the convex mirrors will be heated. Option includes dual door stops.	4
S	Power Package Includes power door locks and power windows.	0
O	(1) Air Horn 15" Painted Mounted under cab.	8
O	ConcertClass, AM/FM, Weatherband, 3.5 Aux	10
O	Standard Speaker Package For Cab (2) Speakers	4
O	CB Terminals/Wiring Mounted Under Header	0
O	(1) 48" CB Antenna	1
O	CB Antenna Mounting, RH Mirror Available with Rami only on 1.9m, available without Rami on medium duty	1
O	Plug-In Auto Reset Circuit Breaker in place of fuses in junction box.	0
S	Peterbilt Electric Windshield Wipers With Intermittent Feature.	0
O	Triangle Reflector Kit, Ship Loose Florescent triangle emergency road flares are designed to meet and exceed all DOT standards.	13
O	Fire Extinguisher, Cab Mounted Hazmat approved UL listed/rated ABC	8
O	Backup Alarm Wiring To EOF	0



Std/ Opt	Description	Weight
O	Main Transmission Oil Temperature Gauge Located in Driver Information Display	0
O	Air Application Gauge Located in Driver Information Display	0
S	Air Restriction Indicator Mounted on air cleaner, intake piping, or firewall	0
S	Main Instrumentation Panel, Graphics Display Includes speedometer with trip odometer, tachometer with hourmeter and outside air temperature display, voltmeter, engine oil pressure, engine coolant temperature, fuel level, primary and secondary air pressure gauges. Includes standard warning light package: high water temperature, low oil pressure, and low air pressure warning lights with audible alarms, high beam, turn signal, low fuel, parking brake, and ice warning indicators; seat belt reminder; rocker switches with long-life LED indicators; multi-function turn stalk with flash-to-pass feature (night mode flashes headlights and marker lights; day mode flashes headlights only), intermittent windshield wiper and headlamp beam control. Hydraulic braked trucks do not include air pressure gauges.	0
O	(1) Additional Dash Switch With Wiring (1) additional dash switch with wiring. Spare 1 and 2 share 15 amp fuse, spares 3, 4, and 5 share 15 amp fuse. Availability subject to dash space.	0
S	Headlights Composite Fender Mounted Integral park, turn, and side marker	0
S	(5) Marker Lights, Aero LED	0
O	(1) 6 in Spotlight, Round Halogen LH (1) 6" spotlight, round halogen left hand side.	4
O	Daytime Running Lights The brake interlock turns the daytime running lights off when the parking brakes are engaged. This is required on all Canadian vehicles.	0
O	(2) Additional Dome/Reading Lights, Ceiling Mtd	0
S	Incandescent Square Stop/Turn/Tail/Backup Left-hand / right-hand square end of frame or dropped a-brace	0
O	(1) F/O Load Light, Switch, 10' Wire Coil Under / in cab / sleeper baggage compartment	2
Paint		
O	Standard Paint Color Selection	0
S	(1) Color Axalta Two Stage - Cab/Hood Base Coat/Clear Coat N85020 A - L0006EY WHITE N85500 CAB ROOF L0006EY WHITE N85300 FENDER L0006EY WHITE N85200 FRAME L0001EA BLACK N85400 HOOD TOP L0006EY WHITE	0



Std/ Opt	Description	Weight
Shipping Destination		
O	Shipping Destination To Dealership	0
Options Not Subject To Discount		
S	Peterbilt Class 7 Standard Coverage 1 year/Unlimited Miles/km	0
S	PACCAR PX-9 Standard Coverage 2 yrs/250,000 mi (402,336 km)/6,250 hrs	0
Miscellaneous		
O	2021 EPA Emissions Engine Warranty Only	0
Promotions		
Order Comments		

Total Weight

11,404

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