



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 348	Fr Axle Load (lbs):	20000
Type:	Full Truck	Rr Axle Load (lbs):	46000
Description 1:	NCSA 348 Roll Off	G.C.W. (lbs):	80000
Description 2:	NCSA 22-06-0426		
Application		Road Conditions:	
Intended Serv.:	Refuse/On-Highway	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:	Roll-Off		6
Length (ft):	22	Wheelbase (in):	256
Height (ft):	8.5	Overhang (in):	75
Max Laden Weight (lbs):	1000	Fr Axle to BOC (in):	69.8
		Cab to Axle (in):	186.2
		Cab to EOF (in):	261.2
		Overall Comb. Length (in):	369.2
Trailer		Special Req.	
No. of Trailer Axles:	0		
Type:			
Length (ft):	0		
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 348 The Model 348 was designed to exceed the rigid demands of Class 7 and Class 8 specialty application markets that require rugged durability and a wide range of optional content. The Model 348 represents a multi-dimensional performer with a GVW from 33,000 to 66,000 lbs. and optional capacity ratings to suit almost any vocation. The 348 is also available in a specifically designed all-wheel-drive configuration. From construction and crane service to utility and delivery services in both Class 7 and Class 8 markets, the 348 is in a class by itself.	10,610
O	Refuse, Scrap, Recycling	0
O	Refuse/On-Highway Truck or tractor which hauls refuse, recycled material, etc. Includes roll-on/roll-off container movement, as well as hauling refuse from transfer stations to, but not into, landfills.	0
O	Roll-Off A rectangular open top dumpster which utilizes wheels and a hydraulically operated bed to roll the dumpster off the truck body onto the ground. Commonly used to transport construction, demolition waste, and other waste types.	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 355-384" 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	598
O	Full Steel Inner Liner	688
O	Custom Wheelbase or Overhang Engineering approval may be required.	0
S	Three-Piece Crossmembers	0
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 D2000F 20,000 lb, 3.5 in. Drop	144



Std/ Opt	Description	Weight
	Factory front axle alignment to improve handling & reduce tire wear. Zerk fittings on tie rod ends, king pins, & draglink ball joints for ease of maintenance & help extend service life of components. 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.	
O	Taper Leaf Springs, Shocks 20,000 lb Standard with Heavy Resistance Shocks.	119
O	Power Steering Sheppard HD94 Dual For use with 16,000 to 20,000 lb. axle ratings.	80
O	Power Steering Reservoir Frame Mounted w/Cooler A power steering cooler helps reduce the heat of the power steering fluid. This is commonly used with systems that may experience more stress from towing or off-road driving.	2
S	PHP10 Iron PreSet Hubs	0
O	Bendix Air Cam Front Drum Brakes 16.5x6 Includes automatic slack adjusters & outboard mounted brake drums.	5
S	Gusseted Cam Brackets, Steer Axle	0
O	Heavy Duty Cam Bushings, Steer Axle	0

Rear Axle & Equipment

O	Meritor RT46-160 46,000 lb Interaxle diff lock air rocker occupies space of one gauge. 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. If code 1526120 (RT46-160) is ordered with 1680460 (Heavy Wall), you will get the 16 mm wall, but not the improved carrier that is in 1526130 code (RT46-160E) that also has a 16 mm wall. This could affect Heavy Haul service warranty length in Canada per Meritor.	2,563
S	PHP10 Iron PreSet Hubs	0
O	Bendix Smart ATC Traction Control	2
O	Refuse Service Brakes, Steer And Drive Axles Designed for heavy-duty applications for refuse industry, providing long brake life, safety and performance.	0
O	Rear Brake Camshaft Reinforcement Rear brake camshaft reinforcement helps guard against wear and corrosion.	9



Std/ Opt	Description	Weight
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
O	Anti-Lock Braking System (ABS) 6S6M ABS-6. Includes air braking system.	35
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	Tandem Drive Axle (Model 348)	0
O	Ratio 4.89 Rear Axle	0
O	Hendrickson RT463 46,000 lb, 54in Axle Spacing	979

Engine & Equipment

O	PACCAR PX-9 360@2000 GOV@2200 1150@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	
	N21630 C190 80....High Ambient Temperature Thr	
	N21510 C225 YES...Enable Idle Shutdown Park Br	
	N21450 C231 NO....Gear Down Protection (P026)	
	N21570 C233 NO....Idle Shutdown Manual Overrul	
	N21440 C234 NO....Engine Protection Shutdown (
	N21480 C238 NO....Auto Engine Brake in Cruise	
	N21470 C239 NO....Cruise Control Auto Resume (
	N21590 C382 YES...Enable Hot Ambient Automatic	
	N21530 C396 YES...Enable Impending Shutdown Wa	



Std/ Opt	Description	Weight
	N21540 C397 60....Timer For Impending Shutdown	
	N21620 C189 60....Intermediate Ambient Tempera	
	N21550 C206 35....Engine Load Threshold (P516)	
	N21340 C209 120...Hard Maximum Speed Limit (P1	
	N21430 C333 0.....Reserve Speed Limit Offset (
	N21410 C334 0.....Maximum Cycle Distance (N202	
	N21500 C395 0.....Expiration Distance (N209)	
	N21320 C399 120...Standard Maximum Speed Limit	
	N21400 C400 252...Reserve Speed Function Reset	
	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 Override	0
	Eff EIST NA Expiration Miles	0
	Effective VSL Setting NA	0
O	Typical Operating Speed 68 MPH	0
O	Powertrain Optimized for Performance Best analysis for vehicles used in vocational applications or with heavy GCWRs.	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
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	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	0



Std/ Opt	Description	Weight
	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.	
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
S	No Electric Heat Option for Fuel Filter	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	Eaton RTO14908LL 10-Speed 1450 Torque - Includes rear transmission support, direct shift pattern. Synthetic lubricant to reduce friction, improve efficiency, & extend component life. Magnetic transmission oil drain plug captures & holds any metal fragments in transmission oil to extend service life. Torque limiting clutch brake. Forward ratios: LL-14.56, L-9.42, 1st-6.24, 2nd-4.63, 7th-1.00, 8th-0.74. Reverse ratios: LL-15.22, L-9.85, H-2.89	365
O	SPL170 HD-XL Driveline, 1 Midship Bearing	20
O	SPL170 XL Driveline Interaxle	50



Std/ Opt	Description	Weight
	Dana Spicer Life Series heavy-duty drive shafts are built for heavy loads over the long haul. For tandem rear axles.	
O	Service Free Driveline Service free driveline for SPL350, SPL250, SPL170, SPL100.	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
S	Manual Shifter, Black	0
O	Remote Lube Hoses For Clutch Linkage, Release Bearing and cross shafts, mounted to left-hand frame rail	6
Air & Trailer Equipment		
S	Bendix AD-HF Air Dryer, Heater Bendix AD-HF air filters protects the life of your engine system and components. Proven PuraGuard oil coalescing technology in the the air dryer cartridge. This oil coalescing filter ensures the removal of oil and oil aerosols before they can contaminate the moisture removing desiccant.	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
O	7-Way Electric Harness, Socket Mounted EOF	11
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 20ply 315/80R22.5 M870 Efficiency Rating: Fair Diameter= 42.8 inches; SLR= 19.9 inches The Bridgestone M870 is a high scrub All-Position Radial tire designed specifically for urban waste collection.	86
O	RR: BR 16ply 11R22.5 M843 Diameter = 42.5 inches; SLR = 19.9 inches	192
O	Code-rear Tire Qty 08	0



Std/ Opt	Description	Weight
O	FF: Accur Stl Armor 29039PK 22.5X9.00 PHP10-5 Hand Holes	74
O	RR: Accur Stl Armor 50291PK 22.5X8.25 Heavy Duty, Two Hand Holes	136
O	Code-rear Rim Qty 08	0

Fuel Tanks

O	26" Aluminum 70 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.	11
O	Location LH U/C 70 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
S	DEF Tank Small 11.1 Gallon Capacity	0

Battery Box & Bumper

O	Aluminum Space Saver Battery Box LH BOC Battery access from side	-84
S	Aftertreatment Aluminum Non-Slip Cab Entry 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.	0
O	Aluminum Channel Bumper Stainless Steel Clad Two tow points	-4

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	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	National Passenger Seat Increased comfort with more foam in critical areas, better lumbar support, improved adjustability and suspension with toggle link design.	0
O	Seat Belt Color Orange IPO Standard Black	0



Std/ Opt	Description	Weight
S	Air Ride Driver	0
S	High Back Driver	0
S	Vinyl Driver	0
S	Non-Air Ride Passenger	0
S	High Back Passenger	0
S	Vinyl Passenger	0
O	Manifest Pouch on Rear Cab Wall	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) inside entry grab handles, (2) inside sunvisors, (2) coat hooks, (2) cup holders and map bin in dash.	0
O	Dark Window Tint IPO Standard Tint - Day Cab	0
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	8



<i>Std/ Opt</i>	<i>Description</i>	<i>Weight</i>
	Mounted under cab.	
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	Radio Antenna Mounted on LH Mirror Bracket	0
O	Power Wire Under Dash for F/O Cellular Phone Without antenna. Not available with Rami Antenna System.	0
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
S	Air Restriction Indicator Mounted on air cleaner, intake piping, or firewall	0
O	Bright Bezel Gauges 52mm Round Gauges Only- B Panel	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



Std/ Opt	Description	Weight
S	Headlights Composite Fender Mounted Integral park, turn, and side marker	0
S	(5) Marker Lights, Aero LED	0
O	Switch & Wiring for F/O Beacon/Strobe Switch and wiring for furnished by owner beacon / strobe, 10' coiled wire back-of-cab / back-of-sleeper, at rear sill.	2
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	LED Stop/Turn/Tail/Backup Bracket mounted left-hand / right-hand end of frame	-7
O	Moveable EOF Crossmember For Mounting Tail Lights Square end of frame with or without end of frame crossmember	1

Paint

S	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

Shipping Destination

O	Shipping Destination To Dealership	0
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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
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Promotions

Order Comments



Total Weight

16,917

Prices and Specifications Subject to Change Without Notice.

Unpublished options may require review/approval.

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

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