



CSM - KENWORTH OF SOUTH TEXAS - SAN ANTONIO (F428)
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Vehicle Summary

	Unit		Chassis	
Model:	W990 Series Conventional	Fr Axle Load (lbs):		12000
Type:	FULL TRUCK	Rr Axle Load (lbs):		40000
Description 1:	HT06 20H18 W990 TRA	G.C.W. (lbs):		52000
Description 2:	W990, Conventional Cab, SBFA, TRA			
	Application	Road Conditions:		
Intended Serv.:	Local pickup & delivery: Vehicles which	Class A (Highway)		90
Commodity:	General freight.	Class B (Hwy/Mtn)		10
	Body	Class C (Off-Hwy)		0
Type:	Van.	Class D (Off-Road)		0
Length (ft):	14	Maximum Grade:		6
Height (ft):	10	Wheelbase (in):		210
Max Laden Weight (lbs):	5000	Overhang (in):		60
		Fr Axle to BOC (in):		100
		Cab to Axle (in):		110
	Trailer	Cab to EOF (in):		170
No. of Trailer Axles:	0	Overall Comb. Length (in):		301.5
Type:				
Length (ft):	0	Special Req.		
Height (ft):	0	U.S. Domestic registry, 50-state.		
Kingpin Inset (in):	0			
Corner Radius (in):	0			
	Restrictions			
Length (ft):	75			
Width (in):	102			
Height (ft):	13.5			

Approved by: _____

Date: _____

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



Sales Code	Std/Opt	Description	Weight
Model			
0000990	O	W990 Series Conventional	15,317
0070078	S	W990	0
0080066	O	CARB Idle Emissions Reduction - MX	0
0090000	S	Non-Sleeper w/rear axle capacity less than 59K.	0

Engine & Equipment

0700656	S	PACCAR MX-13 455 2017 455@1600 1650@900 with engine brake N08200 N052 650...IDLE TARGET N09020 N015 NO....ENABLE MX RETARDER IN NEUTRA N08020 N718 155...LRSL SPEED LIMIT N08030 N711 64....MAX PEDAL SPEED N09030 N874 0.....ENG BRK DELAY TIME N09040 N871 2.....DSC TGT VEH SPD LMT OFFSET N09050 N870 4.....DSL TGT VEH SPD LIMIT OFFSET N09110 N506 10....CC MIN ENABLE SPD N09130 N890 MT....MULTI TORQUE IN CC N09120 N509 OFF...DYNAMIC CC ENABLE N09220 N690 5.....EIST STANDSTILL IDLE TIME N09230 N689 5.....EIST PARKED MAX IDLE TIME N09240 N692 YES...EIST ENG LOAD RESET N09250 N693 NO....EIST ENG LOAD OVERRIDE N09260 N688 5.....EIST PTO MAX IDLE TIME N09270 N702 YES...EIST OVERRIDE IN PTO MODE N09280 N687 40....EIST AMB AIR TEMP OVERRIDE L N09290 N686 80....EIST AMB AIR TEMP OVERRIDE H N09300 N684 30....EIST CLNT TEMP OVERRIDE LO N09310 N699 YES...EIST ACCEL POSITION RESET N09320 N701 YES...EIST CLUTCH PEDAL RESET N09330 N700 YES...EIST FOOT BRK RESET N09340 N681 YES...EIST PARK BRK RESET ENABLE N09350 N726 1900..FIC MAX ENG SPEED N09400 N545 YES...CAB: ACCEL ACTIVE IN CAB PTO N09410 N578 YES...PTO REM PEDAL ENABLE N09420 N523 6.....CAB: MAX VEH SPD N09430 N520 2000..CAB: MAX ENG SPD - SW CNTRL N09440 N519 2000..CAB: MAX ENG SPD-ACCEL CNTRL N09100 N504 64....CC MAX TARGET SPD N09450 N603 650...CAB: MIN ENG SPD N09510 N535 800...CAB: DEDICATED PRESET "-" N09520 N536 900...CAB: DEDICATED PRESET "+" N09530 N553 2000..REM: MAX ENG SPD-SW/TSC1 CNT N09540 N552 2000..REM: MAX ENG SPD-ACCEL CNTRL N09550 N602 650...REM: MIN ENG SPD N09610 N568 800...REM: DEDICATED PRESET "-" N09620 N569 900...REM: DEDICATED PRESET "+"	0
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Sales Code	Std/Opt	Description	Weight
		N09640 N538 750...CAB: CUSTOM PRESET 1	
		N09650 N540 850...CAB: CUSTOM PRESET 2	
		N09660 N542 950...CAB: CUSTOM PRESET 3	
		N09720 N637 3.....MIN SPD FOR DR SHIFT AID	
		N09730 N638 1.....LOWEST TRANS GEAR NUMBER	
		N09740 N639 10....HIGHEST TRANS GEAR NUMBER	
		N09760 N618 5.....DRIVER REWARD VEH SPD BONUS	
		N09770 N621 -5....DRIVER REWARD VEH SPD PENALT	
		N09670 N571 750...CAB/REM: CUSTOM PRESET 1	
		N09680 N573 850...CAB/REM:CUSTOM PRESET 2	
		N09690 N575 950...CAB/REM: CUSTOM PRESET 3	
		N09360 N071 ON....FIC ENABLE/DISABLE	
		N08000 N717 0.....VSL EXPIRATION DISTANCE	
		N09200 N695 0.....EIST EXPIRATION DISTANCE	
		N09460 N549 ON A..CAB: Park Brake Interlock	
		N09470 N546 ON A..CAB: CLUTCH INTLK	
		N09480 N548 ON A..CAB: NEUTRAL INTLK	
		N09490 N550 ON A..CAB: SER BRK INTLK: PRESS =	
		N09500 N543 DEDIC.CAB: PRESET +/- SW TYPE	
		N09560 N580 ON AD.REM: CLUTCH INTLK	
		N09570 N582 ON AD.REM: NEUTRAL INTLK	
		N09580 N584 ON AD.REM:Ser Brk Intlk:Press=No P	
		N09600 N576 DEDIC.REM: PRESET +/- SW TYPE	
		N09630 N544 TRQ...CAB: ACCEL PEDAL TYPE IN PTO	
		N09800 N541 CNCL..CAB: CUSTOM PRESET 3 FUNC	
		N09750 N632 NONE..OFFSET MODE	
		N09780 N537 CNCL..CAB: CUSTOM PRESET 1 FUNC	
		N09790 N539 CNCL..CAB: CUSTOM PRESET 2 FUNC	
		N09810 N570 CNCL..CAB/REM: CUSTOM PRESET1 FUNC	
		N09820 N572 CNCL..CAB/REM: CUSTOM PRESET2 FUNC	
		N09830 N574 CNCL..CAB/REM: CUSTOM PRESET3 FUNC	
		N09840 N547 OFF...CAB: CUSTOMER INTLK	
		N09700 N581 OFF...REM: CUSTOMER INTLK	
1000151	S	PremierSpec	0
1000204	O	Engine monitoring protection -Derate- PACCAR MX engine parameter.	0
1000239	O	Engine parameter: Driveline Protect - torque limiting Paccar MX.	0
1000242	O	Gearing Analysis: Fuel Economy fuel efficiency results.	0
1000256	S	Customer's Typical Operating Spd: 64 MPH	0
1000282	O	MX Retarder State Cruise Control On Manual Mode Selecting this code will program the engine controller to make manual mode available when cruise control is on, but not set, and the engine brake switch is on. Manual mode means the engine retarder activates whenever the throttle pedal is not depressed. 2013+	0
1000683		Effective VSL Setting 65.0 MPH or Greater (USA)	0

Sales Code	Std/Opt	Description	Weight
1000857	S	Engine Idle Shutdown Timer Enabled	0
1000891		Eff EIST NA Expiration Miles	0
1006003	S	Air Compressor: WABCO 25.9 CFM PACCAR MX 2017 440cc Air Compressor	0
1051200	S	Air Cleaner: composite firewall mounted PACCAR or Cummins engines	0
1105211	S	Fan Hub: Horton On/Off for PACCAR MX	0
1127950	S	Cooling module: W9 1670 square inches. Includes aluminum radiator core, aluminum charge air cooler, translucent surge tank and washer bottle, silicone hoses, and extended life coolant. Drain valve is not available with Allison transmissions.	0
1160208	O	Radiator bug screen mounted between hood & grille.	2
1247166	S	Exhaust: 2017 EPA RH Under DPF/SCR w/ RH side of cab vertical tailpipe w/ daycabs, extended daycabs, or modular sleepers.	0
1290136	S	Tailpipe: 5 in. single 36 in. 45 degree curved.	0
1321109	S	Fuel Filter:PACCAR Standard Service Interval Fuel/Water Separator. 2017 and Later Emissions	0
1321205	S	Run Aid:Fuel Heat *For Fuel Filter	0
1321300	S	Start Aid:None *For Fuel Filter	0
1816260	S	Alternator: PACCAR 160 amp, brush type	0
1821210	S	Batteries: 3 PACCAR GP31 threaded post (700-730) 2100-2190 CCA dual purpose.	0
1836102	S	PACCAR Premium 12V Starter with PACCAR MX Engines PACCAR 12 volt electrical system. With centralized power distribution incorporating plug-in style relays. Circuit protection for serviceability, 12-volt light system w/circuit protection circuits number & color coded.	0
1903020	O	Decline Driver Performance Assistant (DPA)	0
Transmission & Clutch			
2058362	O	Transmission: Fuller FRO16210C 10-speed w/pump & external oil cooler. Standard with synthetic lubricant. Includes severe-duty pilot bearing on all class 8 models. *Torque Limit: 1650 pound-feet.	87
2250491	O	Clutch: Eaton 15-1/2 in. Advantage Self-Adjust to 1700 ft-lb, Ceramic, 4-Paddle	2
2294080	O	Air-assisted Hydraulic Clutch	0
2408302	S	Driveline: 1 Meritor RPL25 SD; No Centerbearing Require 3500064 W/Tandem Rear Axles *Replaces code 2408301.	0
2460042	O	14 in. Eaton Fuller high capacity oil to water	0

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		cooler standard for transmission 1550-2250 lb-ft, 18-speed AutoShift.	
2493009	O	Aluminum clutch housing	0
Front Axle & Equipment			
2512042	S	Meritor MFS12E PLUS 12.5K 3.5in. drop standard track	0
2621310	O	Front Brakes: 14.6K Bendix ES s-cam 16.5x5 in.	-62
2690002	O	Front Brake Drums: 14.6K 16.5x5 in. cast.	78
2701300	S	Front Hub: aluminum hub pilot 13,200 lbs. 10-Bolt, 11-1/4 in. bolt circle .	0
2741970	S	ConMet PreSet Plus Hub package; front axle.	0
2750001	S	Hubcap: front vented.	0
2765001	O	Front Auto Slack Adjuster.	0
2863012	S	Front Springs: Taperleaf 12K w/ shock absorbers w/ maintenance-free elastomer spring pin bushings. Standard with rubber pins except for C500 which has threaded pins. Not available on W900L.	0
2895221	S	Single power steering gear: 13.2K Sheppard HD94.	0
Rear Axle & Equipment			
3124403	O	Dual Dana Spicer DSP41 rear axle rated at 40K. (DSP40 w/ heavy-wall housing) w/ 11mm housing and 1.88in. shaft diameter. Tandem rear axles.	113
3200355	O	Rear Axle Ratio - 3.55.	0
3334004	O	Dual Rear Brakes 16-1/2x7 in. to 46K; Bendix ES-extended service S-cam.	-40
3392002	O	Dual rear heavy duty Brake Drums: cast. Use HD Gunite Drum when tandem axle with GAWR over 46,000 lbs is selected.	0
3407050	S	Dual Rear Hubs: Aluminum hub pilot 46K 11-1/4 in. bolt circle.	0
3441972	S	ConMet PreSet Plus Hub package; dual rear axle.	0
3465002	O	Dual Rear axle automatic slack adjusters.	0
3485207	O	Spring Brake: 3030 long stroke dual 30 square inches travel. Helps keep brakes in adjustment longer.	4
3495226	O	Bendix 4S/4M anti-lock brake system.	0
3500058	S	Driveline: 1 Meritor RPL20 Interaxle; Replacing I/A *Use W/ RPL(SD) 25 Main D/L	0
3736418	O	Rear suspension: Tandem Reyco 102 40K.	252

Sales Code	Std/Opt	Description	Weight
		4-spring multileaf & 52 in. axle spacing. Steel crossmembers & gussets. Unladen Height: 10.8 in. Laden Height: 9.2 in.	
Tires & Wheels			
4070040	S	Front Tires: Bridgestone R284 Ecopia 295/75R22.5	0
4270040	S	Rear Tires: Bridgestone R284 Ecopia 295/75R22.5 14PR	0
4900008	O	Rear Tire Quantity: 8	0
5042289	S	Front Wheel: Accuride 51487 22.5x8.25 steel Steel Armor[™] powder coat, hub-pilot mount. 7400lb. maximum rating. 5-hand hole. Air disc brake compatible.	0
5242389	S	Rear Wheel: Accuride 51487 22.5x8.25 steel Steel Armor[™] powder coat, hub-pilot mount. 7400lb. maximum rating. 5-hand hole. Air disc brake compatible. Code is priced per pair of wheels.	0
5853906	O	Powder coat white steel wheel. Use in conjunction with front, dual front, rear, spare or lift axle wheel code(s). All wheels on chassis must have same finish color.	0
5900008	O	Rear Wheel/Rim Quantity: 8	0
Frame & Equipment			
6054400	O	Frame Rails: 10-5/8 x 3-1/2 x 5/16 in. Steel to 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.	96
6301360	S	Bumper: Straight Aluminum Channel. Requires a bumper setting code.	0
6319315	O	31.5 in. Bumper setting. Requires a bumper code.	0
6390103	S	Front mudflaps.	0
6405051	S	W9 battery box module: Short length aluminum 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.	0
6409901	S	Battery box location: LH Side.	0
6451092	S	W9 non-polished DPF/SCR or CNG diamond plate cover with step. For use with 2010 or later exhaust systems. End plates will be painted standard black frame color.	0
6600200	O	Delete standard fifth wheel	-520
6721102	S	Rear mudflap arms: Betts B-25 standard-duty,	0

Sales Code	Std/Opt	Description	Weight
		straight. Includes B1732 mounting brackets as standard.	
6722000	S	Rear mudflap shields: White plastic antisail w/ Kenworth logo.	0
6742009	O	Square end-of-frame w/o crossmember; non-towing.	0
Fuel Tanks & Equip			
7214100	S	Fuel Tank: 100 US gallon 24.5in. aluminum BOC replace. Class 8 fuel tanks w/ o locking caps include an anti-siphon device on the filler neck.	0
7722011	S	Small round DEF tank. 11 gallons of usable 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.	0
7889203	S	DEF to fuel fill ratio 2:1 or greater.	0
7889245	S	Anti-siphon device swaged in place. For any number of fuel tanks.	0
7889604	S	DEF tank location is LH.	0
7930100	S	Location: 100 gal fuel tank RH behind cab	0
Cab & Equipment			
8025301	S	Cab: Stamped aluminum cab with panoramic curved glass windshield. Standard with stamped aluminum doors, heavy duty in-swinging hinges, and triple sealed doors. Manufactured using self-piercing rivets and structural adhesive. Includes LED exterior marker lights and turn signals.	0
8090142	S	Hood: W990 Set-Fwd Long W/ Mech. Fastened Fenders	0
8098214	O	W990 Stainless Steel Engine Air Intake on Both Sides of the Hood.	0
8108011	S	Cab HVAC - Day Cab and 40in Sleeper System With Defrost, A/C, and 48,000 BTU/hr Heater. Includes automatic temperature control with one touch defrost operation and dash mounted cab temperature and solar intensity sensors. Pleated fresh air filter and cabin recirculation air filter standard. The Kenworth HVAC system is designed to provide optimal heating and cooling in all operating environments without need for additional insulation. Cab HVAC without sleeper heater AC is available with 40in sleeper.	0
8201013	S	Steering wheel: 18 in. 4-spoke.	0
8201051	O	Column Mtd Retarder Control, RH Side Use with Manual & Allison Transmissions Only.	0
8201200	S	Adjustable telescoping tilt steering column.	0
8282007	S	Kenworth Driver Performance Center:5in Full Color	0

Sales Code	Std/Opt	Description	Weight
		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 drivers 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.	
8282013	S	Kenworth instrumentation and control package with 9 standard easy-read gauges: includes speedometer, tachometer, fuel gauge, engine coolant temp, engine oil pressure, voltmeter, dual air pressure, air application pressure and DEF gauge. All accessory controls utilize electronically activated solenoids that include advanced vehicle protection interlocks.	0
8300008	S	Interior color: Slate Gray	0
8330102	S	Interior package: Vantage daycab Includes durable headliner and vinyl sidewalls with geometric patterned trim and anodized aluminum accents throughout. Convenient overhead storage cubbies, full size glove box, two center console cupholders, and large door pad map pocket. Standard LH/RH power windows, electric door locks, interior LED lighting, nighttime-friendly red ambient lighting for dash and footwell, and door mounted courtesy light. Includes two standard 12V power outlets. Driver sunvisor includes strap.	0
8390634	S	Rubber floormat	0
8410194	S	Driver Seat: GT701 HB with DuraSupreme material. 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.	0
8480100	S	Rider Seat: GT100 Toolbox HB with DuraSupreme Material. The GT100 seats are standard with fixed base. Includes 3-point matching seat belts. Rider seat standard w/ LH armrest.	0
8490187	S	Seat color: Slate Gray with Gray stitching.	0
8700168	S	Non-self cancelling turn signal: W/column-mounted headlight dimmer switch & intermittent wiper control.	0
8700283	S	LH and RH Trip Ledge Rain Deflectors	0
8700663	S	Kenworth TruckTech+ The Kenworth Remote Diagnostics system provides the Worlds Best reporting of engine and aftertreatment fault codes, as well as enhanced support for the truck owner through rapid communication of fault severity and recommended actions. This option is Standard on all Heavy Duty Kenworths with a PACCAR MX engine, Cummins X15 engine, PX engine or Natural Gas engine. Optional on Medium Duty Kenworths.	0
8800402	S	Dual Cab Interior Grabhandles: A Pillar Mounted Dash Wrap and B Pillar Mounted Grabhandles	0

Sales Code	Std/Opt	Description	Weight
8832113	S	Kenworth Daylite Door with standard LH/RH electric door locks and LH/RH electric window controls.	0
8841411	S	Single air horn under cab.	0
8850139	S	Look-Down, Pass. Door, Black 11x6	0
8865002	S	Aero Mirror: Dual Kenworth Aerodynamic Motorized heated mirrors, 7in X 13in with cab color mirror shell and black mirror arms. Also includes LH/RH heated 6in X 7in convex mirrors. Mirror brackets set for 8-1/2 ft load width. Mirror controls located on driver side door pad.	0
8871446	S	Rear cab stationary window 19in x 36in	0
8890101	S	One-piece bonded-in windshield with curved glass. Standard.	0
8890135	S	Exterior stainless steel sunvisor.	19
8890876	S	Kenworth Cab/Sleeper Air Suspension.	0
Lights & Instruments			
9010553	S	Headlamps: SAE Dual Halogen Complex Reflector	0
9022137	S	Marker Lights: Five, rectangular, LED	0
9030016	S	Turn Signal Lights: Flush mounted LED mounted at top of fender wheel arc	0
9030052	S	LED Stop,Turn,Tail: With Two LED Backup Lights and With An LED License Plate.	0
9090039	S	Marker Lights: Interrupter Switch. Included in Turn Signal For All Models Except T3. The T3 Switch Is In The Dash.	0
9090049	S	Omit Brake Light with Engine Brake. Can only be selected when chassis also has engine brake. Cannot be used with options to delete engine brake.	0
Air Equipment			
9101215	S	Air Dryer Bendix AD-IS heated Puraguard	0
9108001	S	Moisture ejection valve w/ pull cable drain.	0
9110000	O	Delete Standard Tractor Kit	-24
9140020	S	Nylon air tubing in frame & cab, excluding hoses subject to excessive heat or flexing.	0
Extended Warranty			
9200006	O	Base Warranty - PACCAR MX-11 & MX-13 Engine 24 months / 250,000 miles / 400,000 km / 6250 hours.	0
9200021	S	Base Warranty - Standard Service Heavy Duty	0



Sales Code	Std/Opt	Description	Weight
		12 months / 100,000 miles / 160,000 km.	
Miscellaneous			
9400072	O	Ship to Dealer.	0
9409852	S	GHG Secondary Manufacturer: Does Not Apply	0
9491665	S	CECU/VECU Electronics Architecture	0
Promotions			
Paint			
9700000	O	Paint color number(s).	0
		N9702 A - L0006 WHITE N9720 FRAME N0001 BLACK	
9943004	O	Bumper Unpainted	0
9943050	S	Day Cab Standard Paint	0
9944820	S	1 - Color Paint - Day Cab Color will be White if no other color is specified.	0
9965510	S	Base coat/clear coat. 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.	0

Order Comments

Total Weight

15,324

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Unpublished options may require review/approval.

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

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