

## S P E C I F I C A T I O N   P R O P O S A L

Data Code	Description	Weight Front	Weight Rear
<b>Price Level</b>			
PRL-20W	WESTERN STAR PRL-20W (EFF:04/30/19)		
<b>Data Version</b>			
DRL-010	SPECPRO21 DATA RELEASE VER 010		
<b>Vehicle Configuration</b>			
001-424	WESTERN STAR 4900SA CHASSIS	9,674	6,696
004-221	2021 MODEL YEAR SPECIFIED		
002-004	SET BACK AXLE - TRUCK	-10	
019-001	TRAILER TOWING PROVISION AT END OF FRAME FOR TRUCK	10	10
003-001	LH PRIMARY STEERING LOCATION		
<b>General Service</b>			
AA1-003	TRUCK/TRAILER CONFIGURATION		
AA6-003	DOMICILED, CANADA (OTHER THAN QUEBEC)		
RCE-00V	VARIABLE CANADIAN EXCHANGE		
A85-011	CONSTRUCTION SERVICE		
A84-1CO	CONSTRUCTION BUSINESS SEGMENT		
AA4-010	DIRT/SAND/ROCK COMMODITY		
AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS		
AB1-008	MAXIMUM 8% EXPECTED GRADE		
AB5-001	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE		
995-1A5	WESTERN STAR VOCATIONAL WARRANTY		
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 20000.0 lbs		
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 40000.0 lbs		
A67-99D	EXPECTED PUSHER AXLE(S) LOAD : 20000.0 lbs		
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 80000.0 lbs		
A70-99D	EXPECTED GROSS COMBINATION WEIGHT : 88000.0 lbs		
<b>Truck Service</b>			
AA3-004	END DUMP BODY		
AF4-99D	EXPECTED EMPTY BODY WEIGHT : 4300.0 lbs		

Data Code	Description	Weight Front	Weight Rear
A88-99D	EXPECTED TRUCK BODY LENGTH : 0.0 ft		
AE2-99D	EXPECTED TRUCK BODY WIDTH : 96.0 in		
AF6-99D	EXP EMPTY BODY CG LOC FROM BODY FRT(A89) : 5.9 ft		
A89-99D	BRAKING-EXPECTED CAB TO BODY CLEARANCE : 7.72 in		
AF7-99D	EXPECTED BODY/PAYLOAD CG HEIGHT ABOVE FRAME "XX" INCHES : 32.0 in		

### Engine

101-2XW	DETROIT DD15 14.8L 505 HP @ 1625 RPM, 1900 GOV RPM, 1750 LB/FT @ 975 RPM
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### Electronic Parameters

79A-065	65 MPH ROAD SPEED LIMIT
79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT
79D-035	1600 RPM HARD AND SOFT ENGINE LIMIT FOR PROGRESSIVE SHIFTING
79G-006	5 MINUTES IDLE SHUTDOWN WITH CLUTCH AND SERVICE BRAKE OVERRIDE
79K-005	PTO MODE ENGINE RPM LIMIT - 900 RPM
79M-002	PTO MODE BRAKE OVERRIDE - SERVICE BRAKE APPLIED OR PARK BRAKE NOT APPLIED
79N-001	PTO MODE CLUTCH OVERRIDE - CLUTCH ENABLED
79P-001	PTO RPM WITH CRUISE SET SWITCH - 600 RPM
79Q-001	PTO RPM WITH CRUISE RESUME SWITCH - 600 RPM
79S-001	PTO MODE CANCEL VEHICLE SPEED - 5 MPH
79T-001	PTO MODE RPM INCREMENT - 25 RPM
79U-007	PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND
79W-001	ONE REMOTE PTO SPEED
79X-005	PTO SPEED 1 SETTING - 900 RPM
80P-998	NO FLEET SPEC FOR PARAMETERIZATION
80D-001	SOFT CRUISE CONTROL ENABLED
80G-001	PTO MINIMUM RPM - 600

### Engine Equipment

99C-017	2016-2019 ONBOARD DIAGNOSTICS/2010 EPA/CARB/FINAL GHG17 CONFIGURATION
99D-011	2008 CARB EMISSION CERTIFICATION - CLEAN IDLE (INCLUDES 6X4 INCH LABEL ON LOWER FORWARD CORNER OF DRIVER DOOR)
13E-001	STANDARD OIL PAN
105-001	ENGINE MOUNTED OIL CHECK AND FILL

Data Code	Description	Weight Front	Weight Rear
133-004	ONE PIECE VALVE COVER		
014-041	DUAL POLISHED STAINLESS STEEL 13 INCH DONALDSON COWL MOUNTED 1-STAGE AIR CLEANERS WITH POLISHED STAINLESS STEEL BANDS	40	
124-1D7	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE		
292-217	(4) DTNA GENUINE, AGM STARTING AND CYCLING, MIN 2920CCA, 760RC, THREADED STUD BATTERIES	60	20
290-1AC	PASSENGER SEAT BATTERY BOX VENTED TO OUTSIDE OF CAB	-100	-35
282-013	BATTERY BOX MOUNTED UNDER PASSENGER SEAT		
291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN		
289-006	PLASTIC BATTERY BOX COVER		
293-058	POSITIVE LOAD DISCONNECT WITH CAB MOUNTED CONTROL SWITCH MOUNTED OUTBOARD DRIVER SEAT	8	
180-101	EATON ADVANTAGE 15-1/2 INCH MANUALLY ADJUSTED CLUTCH		
183-008	TORQUE LIMITING CLUTCH BRAKE		
181-004	ZERK FITTINGS WITH EXTENSION HOSES AT CLUTCH RELEASE BEARING AND X-SHAFT		
18B-003	CUSTOMER REQUESTS MINIMUM CLUTCH TORQUE RATING OF 2050 LB-FT		
107-044	BW MODEL BA-921 19.0 CFM SINGLE CYLINDER AIR COMPRESSOR WITH SAFETY VALVE		
131-013	AIR COMPRESSOR DISCHARGE LINE		
152-041	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM		
128-002	JACOBS COMPRESSION BRAKE		
016-1C4	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH DUAL CAB MOUNTED VERTICAL TAILPIPES	55	33
28F-007	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD ACTIVE REGENERATION AND DASH MOUNTED SINGLE REGENERATION REQUEST/INHIBIT SWITCH		
239-044	12 FOOT 00 INCH (144 INCH+0/-5.9 INCH) EXHAUST SYSTEM HEIGHT		
233-019	STANDARD CURVE BRIGHT UPPER STACK(S) AND ELBOW(S)		
237-1CK	DUAL CURVED VERTICAL TAILPIPES B-PILLAR MOUNTED		
23U-003	23 GALLON DIESEL EXHAUST FLUID TANK		

Data Code	Description	Weight Front	Weight Rear
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL		
23Z-001	POLISHED ALUMINUM DIAMOND PLATE DIESEL EXHAUST FLUID TANK COVER		
43X-001	LH HEAVY DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION		
43Y-001	STANDARD DIESEL EXHAUST FLUID TANK CAP		
242-021	OVAL PERFORATED DUAL STAINLESS STEEL MUFFLER/TAILPIPE SHIELDS WITH WESTERN STAR LOGO		
273-036	BORG WARNER (KYSOR) REAR AIR ON/OFF ENGINE FAN CLUTCH		
276-002	AUTOMATIC FAN CONTROL WITH DASH SWITCH AND INDICATOR LIGHT, NON ENGINE MOUNTED		
110-068	DDC SUPPLIED ENGINE MOUNTED FUEL FILTER/FUEL WATER SEPARATOR WITH WATER-IN-FUEL INDICATOR		
118-001	FULL FLOW OIL FILTER		
266-057	1500 SQUARE INCH ALUMINUM RADIATOR	-130	
267-006	MOUNTING FOR FIREWALL MOUNTED SURGE TANK		
103-037	ANTIFREEZE TO -60F, ETHYLENE GLYCOL PRE-CHARGED SCA HEAVY DUTY COOLANT		
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT		
172-010	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES AND AIR INTAKE SYSTEM		
270-023	HDEP FIXED RATIO COOLANT PUMP AND RADIATOR DRAIN VALVE		
138-005	PHILLIPS-TEMRO 1500 WATT/115 VOLT BLOCK HEATER	4	
166-005	PHILLIPS-TEMRO 300 WATT/115 VOLT OIL PREHEATER	4	
140-041	CHROME COMMON BLOCK AND OIL PAN HEATER RECEPTACLE MOUNTED UNDER LH DOOR		
155-075	MITSUBISHI 12V MOD 3.175-DP60 STARTER WITH INTEGRATED MAGNETIC SWITCH		
109-007	CAST IRON FRONT AND REAR ENGINE SUPPORTS		

### Transmission

342-1BP	EATON FULLER RTLO-18918B TRANSMISSION	90	40
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### Transmission Equipment

348-002	POLISHED STAINLESS STEEL TRANSMISSION BOOT RING		
347-001	CAST IRON CLUTCH HOUSING		

Data Code	Description	Weight Front	Weight Rear
362-802	CUSTOMER INSTALLED CHELSEA 442 SERIES PTO		
363-003	PTO MOUNTING, BOTTOM OF MAIN TRANSMISSION		
345-001	PAINTED SHIFT LEVER, SOLID LINKAGE		
370-015	WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK		
35T-003	SYNTHETIC TRANSMISSION LUBE		

### Front Axle and Equipment

400-1AC	MFS-20-133A 20,000# FL1 71.0 INCH KPI/3.74 INCH DROP SINGLE FRONT AXLE	240	
402-030	MERITOR 16.5X6 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES	10	
403-002	NON-ASBESTOS FRONT BRAKE LINING		
419-023	CONMET CAST IRON FRONT BRAKE DRUMS		
427-001	FRONT BRAKE DUST SHIELDS	5	
409-006	FRONT OIL SEALS		
408-001	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL		
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES		
405-003	HALDEX AUTOMATIC FRONT SLACK ADJUSTERS		
536-1A3	TRW TAS-85 POWER STEERING WITH RCH45 AUXILIARY GEAR	175	
539-003	POWER STEERING PUMP		
534-003	4 QUART POWER STEERING RESERVOIR	5	
533-001	OIL/AIR POWER STEERING COOLER	5	
40T-002	SYNTHETIC 75W-90 FRONT AXLE LUBE		

### Front Suspension

620-068	23,000# FLAT LEAF FRONT SUSPENSION	350	
619-002	THREADED SPRING PINS AND BUSHINGS - FRONT SUSPENSION		
62G-001	ALUMINUM SPACER BLOCKS FOR FRONT SUSPENSIONS		
62H-001	CAST IRON SHACKLED FRONT AND REAR SPRING BRACKETS FOR FRONT SUSPENSION		
410-001	FRONT SHOCK ABSORBERS		

### Rear Axle and Equipment

420-059	RT-46-164P 46,000# R-SERIES TANDEM REAR AXLE		580
421-391	3.91 REAR AXLE RATIO		
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING		

Data Code	Description	Weight Front	Weight Rear
386-019	SPL250HD XL DANA SPICER MAIN DRIVELINE WITH HALF ROUND YOKES	80	80
388-012	SPL170 XL DANA SPICER INTERAXLE DRIVELINE WITH HALF ROUND YOKES		10
452-006	DRIVER CONTROLLED TRACTION DIFFERENTIAL - BOTH TANDEM REAR AXLES		30
878-044	(1) INTERAXLE LOCK VALVE SUPPLIES (1) DRIVER CONTROLLED DIFFERENTIAL LOCK FORWARD-REAR AXLE VALVE AND (1) REAR-REAR AXLE VALVE		
87A-005	INDICATOR LIGHT FOR EACH INTERAXLE LOCKOUT SWITCH		
87B-008	INDICATOR LIGHT FOR EACH DRIVER CONTROLLED TRACTION DEVICE SWITCH		
423-019	MERITOR 16.5X8.62 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES		
433-002	NON-ASBESTOS REAR BRAKE LINING		
434-003	STANDARD BRAKE CHAMBER LOCATION		
451-023	CONMET CAST IRON REAR BRAKE DRUMS		
425-002	REAR BRAKE DUST SHIELDS		10
440-006	REAR OIL SEALS		
426-1B3	BENDIX EVERSURE LONGSTROKE 2-DRIVE AXLES SPRING PARKING CHAMBERS		
428-003	HALDEX AUTOMATIC REAR SLACK ADJUSTERS		
41T-002	SYNTHETIC 75W-90 REAR AXLE LUBE		
42T-001	STANDARD REAR AXLE BREATHER(S)		

### Rear Suspension

622-1M5	NEWAY ADZ 246 46,000# REAR AIR SUSPENSION		300
621-012	NEWAY AD/ARD/ADZ; HENDRICKSON HAS; REYCO 240AR, 10.00" RIDE HEIGHT		
431-001	STANDARD AXLE SEATS IN AXLE CLAMP GROUP		
624-010	60 INCH AXLE SPACING		
888-003	MANUAL DUMP VALVE FOR AIR SUSPENSION WITH INDICATOR LIGHT AND GAUGE		
910-004	DUAL AIR REAR SUSPENSION LEVELING VALVES		
623-006	FORE/AFT AND TRANSVERSE CONTROL RODS		
439-005	REAR SHOCK ABSORBERS - TWO AXLES (TANDEM) (AIR RIDE SUSPENSION)		

### Pusher / Tag Equipment

035-1A1	HENDRICKSON SC20 COMPOSILITE 20,000# AIR LIFT STEERABLE PUSHER SUSPENSION, 16.5X6 BRAKES AND FL1 AXLE	925	925
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Data Code	Description	Weight Front	Weight Rear
443-1D0	HENDRICKSON SC20/SCO20 20,000# FL1 STEERABLE 16.5X6 BRAKE INTEGRAL PUSHER AXLE		
874-004	(1) DASH SWITCH, (1) GAUGE AND (1) AIR PRESSURE REGULATOR INSIDE CAB		
87F-005	REVERSE LIFT AXLE WIRING WITH LAST STATE RETENTION WITH IGNITION OFF		
896-007	AIR PIPING FOR LIFTABLE PUSHER/TAG AXLE, CONTROLS MOUNTED INSIDE CAB		
456-1AF	HENDRICKSON 16.5X6 CAST SPIDER CAM PUSHER/TAG BRAKES, DOUBLE ANCHOR, FABRICATED SHOES		
457-002	NON-ASBESTOS PUSHER/TAG BRAKE LINING		
448-023	CONMET CAST IRON PUSHER/TAG BRAKE DRUMS		
429-001	PUSHER/TAG BRAKE DUST SHIELDS		5
442-016	PUSHER/TAG OIL SEALS		
444-002	STEMCO ALUMINUM VENTED PUSHER/TAG HUB CAPS WITH WINDOW AND CENTER PLUG, OIL		
445-075	HALDEX LONGSTROKE PUSHER/TAG AXLE SERVICE CHAMBERS		
458-003	HALDEX AUTOMATIC PUSHER/TAG SLACK ADJUSTERS		
626-1E1	HENDRICKSON SC20 COMPOSILITE 20,000# STEERABLE AIR LIFT PUSHER SUSPENSION		
627-023	101 INCH AXLE SPACING PUSHER/TAG		

### Brake System

490-100	WABCO 4S/4M ABS		
871-023	REINFORCED NYLON AIR LINES		
904-001	FIBER BRAID PARKING BRAKE HOSE		
412-001	STANDARD BRAKE SYSTEM VALVES		
432-013	COMBO-ABS/SERVICE BRAKE VALVE WITH 5.5 PSI CRACK PRESSURE		
480-009	BW AD-9 BRAKE LINE AIR DRYER WITH HEATER	20	
483-003	BENDIX OIL COALESCING FILTER FOR AIR DRYER		
479-003	AIR DRYER MOUNTED INBOARD ON LH RAIL		
460-008	STEEL AIR BRAKE RESERVOIRS MOUNTED INSIDE RAIL		
477-004	PULL CABLES ON ALL AIR RESERVOIR(S)		

### Trailer Connections

481-998	NO TRAILER AIR HOSE	-10	
914-001	AIR CONNECTIONS TO END OF FRAME WITH GLAD HANDS FOR TRUCK AND NO DUST COVERS	5	5

Data Code	Description	Weight Front	Weight Rear
296-010	PRIMARY CONNECTOR/RECEPTACLE WIRED FOR SEPARATE STOP/TURN, ABS CENTER PIN POWERED THROUGH IGNITION		
297-001	SAE J560 7-WAY PRIMARY TRAILER CABLE RECEPTACLE MOUNTED END OF FRAME		
308-003	SUPPLEMENTAL RECEPTACLE WIRING FOR THIRD AXLE LIFT		
331-001	SUPPLEMENTAL J560 7-WAY RECEPTACLE LOCATED WITH PRIMARY RECEPTACLE		
310-998	NO TRAILER ELECTRICAL CABLE	-10	
<b>Wheelbase &amp; Frame</b>			
545-677	6775MM (267 INCH) WHEELBASE		
546-503	3/8X3-7/8X11-5/8 INCH DOUBLE CHANNEL 120KSI STEEL FRAME (3/8 INCH OUTER AND 1/4 INCH INNER)	1,070	670
552-018	1625MM (64 INCH) REAR FRAME OVERHANG		
55W-006	FRAME OVERHANG RANGE: 61 INCH TO 70 INCH	-30	140
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 193.73 in		
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 186.01 in		
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 368.41		
ZF1-99D	FRAME HEIGHT TOP FRONT UNLADEN : 0.0 in		
ZF2-99D	FRAME HEIGHT TOP FRONT LADEN : 32.23 in		
ZF3-99D	FRAME HEIGHT TOP REAR UNLADEN : 42.48 in		
ZF4-99D	FRAME HEIGHT TOP REAR LADEN : 41.12 in		
FSS-0LH	CALCULATED FRAME SPACE LH SIDE : -50.19 in		
FSS-0RH	CALCULATED FRAME SPACE RH SIDE : -8.51 in		
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 194.0 in		
560-001	UNDERSLUNG CROSSMEMBER	40	
553-001	SQUARE END OF FRAME		
550-002	HEAVY DUTY FRONT CLOSING CROSSMEMBER	120	
561-009	EXTRA HEAVY DUTY STEEL C-CHANNEL BOLTED CONSTRUCTION BACK OF TRANSMISSION CROSSMEMBER		
562-022	EXTRA HEAVY DUTY STEEL C-CHANNEL BOLTED CONSTRUCTION MIDSHIP #1 CROSSMEMBER	5	5
572-043	1/4 INCH STEEL C-CHANNEL CROSSMEMBER WITHOUT A-FRAME, NON-TOWING		20
56C-001	STANDARD WEIGHT REAR SUSPENSION FORWARD CROSSMEMBER		
565-001	STANDARD SUSPENSION CROSSMEMBER		



Data Code	Description	Weight Front	Weight Rear
568-006	EXTRA HEAVY DUTY STEEL C-CHANNEL BOLTED CONSTRUCTION REAR MOUNTED SUSPENSION CROSSMEMBER		
<b>Chassis Equipment</b>			
674-998	NO LH OR RH BACK OF CAB ACCESS	-5	-5
592-998	NO DECK PLATE	-5	-5
556-1AX	14 INCH TAPERED SWEPTBACK CHROMED STEEL BUMPER		
558-026	NON REMOVABLE CENTERED FRONT TOW PIN FOR HIGHWAY OR CONSTRUCTION BUMPER		
574-001	BUMPER MOUNTING FOR SINGLE LICENSE PLATE		
585-998	NO MUDFLAP BRACKETS		-25
590-998	NO REAR MUDFLAPS		-15
586-024	FENDER AND FRONT OF HOOD MOUNTED FRONT MUDFLAPS	10	
551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS		
44Z-001	EXTERIOR HARNESSSES WRAPPED IN CONDUIT		
82R-998	NO PDI INSTALLED CHASSIS STEPS		
<b>Fifth Wheel</b>			
578-998	NO FIFTH WHEEL	-30	-480
<b>Fuel Tanks</b>			
206-154	80 GALLON/302 LITER ALUMINUM FUEL TANK - RH	110	45
204-154	80 GALLON/302 LITER ALUMINUM FUEL TANK - LH	-10	
203-061	80 GALLON/302 LITER ALUMINUM HYDRAULIC RESERVOIR, LH WITH FITTINGS	85	80
218-006	25 INCH DIAMETER FUEL TANK(S)		
215-006	POLISHING OF FUEL/HYDRAULIC TANK(S) WITH POLISHED STAINLESS STEEL BANDS		
212-008	FUEL TANK(S) AFT		
67N-002	FULL LENGTH POLISHED HYDRAULIC TANK STEPS		
20A-002	SINGLE HYDRAULIC TANK FRAME MOUNTED LH SIDE UNDER CAB		
664-002	POLISHED STEP FINISH		
211-001	FUEL TANK COMPRESSION BRACE	30	
205-002	CHROME FUEL TANK CAP(S)		
216-020	EQUIFLO INBOARD FUEL SYSTEM		
202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE		
221-998	NO FUEL COOLER		

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847-002	IN TANK FUEL LEVEL SENDER(S)		
<b>Tires</b>			
093-0TB	MICHELIN XZY-3 425/65R22.5 20 PLY RADIAL FRONT TIRES	196	
094-0GK	MICHELIN XDN2 11R22.5 14 PLY RADIAL REAR TIRES		144
095-0TB	MICHELIN XZY-3 425/65R22.5 20 PLY RADIAL PUSHER/TAG TIRES		196
<b>Hubs</b>			
418-060	CONMET PRESET PLUS PREMIUM IRON FRONT HUBS	60	
450-060	CONMET PRESET PLUS PREMIUM IRON REAR HUBS		60
449-060	CONMET PRESET PLUS PREMIUM IRON PUSHER/TAG HUBS		
<b>Wheels</b>			
502-1H5	ALCOA LVL ONE 82462X 22.5X12.25 10-HUB PILOT 4.68 INSET 10-HAND ALUMINUM DISC FRONT WHEELS	-8	
505-1EF	ALCOA LVL ONE 88367X 22.5X8.25 10-HUB PILOT ALUMINUM DISC REAR WHEELS		104
509-1H5	ALCOA LVL ONE 82462X 22.5X12.25 10-HUB PILOT 4.68 INSET 10-HAND ALUMINUM DISC PUSHER/TAG WHEELS		-8
524-022	POLISHED DISC SIDE FRONT WHEELS WITH DURA-BRIGHT FINISH		
525-023	POLISHED OUTER (DISHED SIDE) REAR WHEELS WITH OUTER ONLY DURA-BRIGHT FINISH		
526-022	POLISHED SINGLES (DISC SIDE) PUSHER/TAG WHEELS WITH DURA-BRIGHT FINISH		
50T-998	NO FRONT AXLE WHEEL/HUB COVER		
496-011	FRONT WHEEL MOUNTING NUTS		
497-011	REAR WHEEL MOUNTING NUTS		
<b>Cab Exterior</b>			
829-1AB	123 INCH BBC STEEL CONVENTIONAL CAB		
82A-008	WESTERN STAR STAINLESS STEEL CAB SKIRT		
650-044	AIR CAB MOUNTS WITH CHECK VALVE	-30	
705-007	STAINLESS STEEL SILL PLATES	5	
648-002	NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE		
667-022	LARGE PROFILE FRONT FENDER		
754-007	2-3/4 INCH FENDER EXTENSIONS	10	

Data Code	Description	Weight Front	Weight Rear
678-034	LH AND RH EXTERIOR GRAB HANDLES WITH RUBBER INSERTS AND RH INTERIOR GRAB HANDLE MOUNTED TO A POST		
645-004	STAINLESS STEEL RADIATOR SHELL/HOOD BEZEL WITH STYLIZED TILT HOOD HANDLE		
646-002	RADIATOR MOUNTED GRILLE		
640-008	GALVANEAELED STEEL SEVERE SERVICE CAB	50	
644-045	SUPER VISIBILITY HOOD WITH CAB MOUNTED QUARTER FENDERS		
643-002	HEAVY DUTY HOOD MOUNTING		
727-012	DUAL HADLEY SD-978 26 INCH RECTANGULAR AIR HORNS	4	
726-001	SINGLE ELECTRIC HORN		
728-002	DUAL HORN SHIELDS		
657-1AF	DOORS AND IGNITION KEYED THE SAME (3 KEYS)		
312-003	DUAL RECTANGULAR HALOGEN HEADLIGHTS		
302-022	LED MARKER LAMPS		
305-024	LED ACCENT LIGHTS ON INTAKE BRACKET AND LOWER EDGE OF CAB	10	
314-023	PERLUX CLEAR ROADLIGHTS RECESSED IN BUMPER WITH ROCK GUARDS	6	
315-808	WIRING AND SWITCH ONLY FOR CUSTOMER FURNISHED FOG LIGHTS		
311-003	DAYTIME RUNNING LIGHTS WITH ROCKER/TOGGLE MOMENTARY INTERRUPTER SWITCH		
294-032	FLUSH MOUNTED STOP/TAIL/BACKUP LIGHTS MOUNTED BELOW REAR MOST CROSSMEMBER		
300-045	LED SQUARE CHROME FENDER MOUNTED FRONT TURN SIGNALS		
31K-1A1	(2) CHROME INCANDESCENT UTILITY LIGHTS WITH STAINLESS STEEL ANTI-GLARE SHIELDS MOUNTED ON MIRROR ARMS	6	
31J-001	(1) SWITCH WITH INDICATOR AND WIRING FOR CUSTOMER FURNISHED UTILITY LAMP MOUNTED BACK OF CAB/SLEEPER WITH 10 FOOT COILED CABLE		
744-1E0	DUAL WEST COAST STAINLESS STEEL HEATED MIRRORS WITH LH AND RH REMOTE		
797-001	DOOR MOUNTED MIRRORS		
796-001	102 INCH EQUIPMENT WIDTH		
743-1AA	LH AND RH SUREPLUS 574 8 INCH BRIGHT FINISH HEATED CONVEX MIRRORS WITH SEPARATE ADJUSTMENT, MOUNTED BELOW MIRROR		
74A-001	RH DOWN VIEW MIRROR		

Data Code	Description	Weight Front	Weight Rear
729-001	STANDARD SIDE/REAR REFLECTORS		
677-016	DUAL LEVEL CAB ENTRY STEPS ON BOTH SIDES		
764-700	PDI INSTALL: PLAIN 11" DEEP SLOPED WIDE SUN VISOR FOR NON-STRATOSPHERE SLEEPER CAB		
768-046	17.5X35 INCH TINTED REAR WINDOW		
661-006	TINTED DOOR GLASS		
654-011	RH AND LH ELECTRIC POWERED WINDOWS		
769-002	LOWER RH DOOR WINDOW WITH FRESNEL LENS	7	
663-014	2-PIECE BONDED SOLAR GREEN GLASS WINDSHIELD		
659-016	1.5 GALLON WINDSHIELD WASHER RESERVOIR MOUNTED UNDER CAB WITH REMOTE FILL		
647-001	WHITE WINTERFRONT	2	
<b>Cab Interior</b>			
707-1D4	SMOKY MOUNTAIN GRAY VINYL PREMIUM INTERIOR		
70K-005	BLACK HARD TRIM		
706-048	PREMIUM LEFT HAND DOOR TRIM WITH CHERRY ACCENT		
708-048	PREMIUM RIGHT HAND DOOR TRIM WITH CHERRY ACCENT		
772-007	BLACK MATS WITH DOUBLE INSULATION		
785-024	ASH CUP AND (1) POWER OUTLET		
691-001	FORWARD ROOF MOUNTED CONSOLE		
694-009	PASSENGER SIDE WING DASH MOUNTED GLOVE BOX WITH LOCKING DOOR		
693-025	LH AND RH DOOR MAP POCKETS		
741-015	(2) COAT HOOKS ON BACKWALL OF CAB		
742-998	NO CUP/THERMOS HOLDER		
680-033	BLACK SOFT TOUCH WING DASH WITH DRIVER SIDE COSMETIC UNDER DASH COVER		
320-004	STANDARD WIRING		
720-003	5 LB. FIRE EXTINGUISHER	10	
700-023	HEATER, DEFROSTER AND AIR CONDITIONER WITH CONSTANT TEMPERATURE CONTROL AND COSMETIC COVER		
701-002	HVAC DUCTING WITH MAIN FRESH AIR FILTER		
170-045	STANDARD HEATER PLUMBING WITH BALL SHUTOFF VALVES AT SUPPLY LINES ONLY		
130-041	VALEO HEAVY DUTY A/C REFRIGERANT COMPRESSOR		

Data Code	Description	Weight Front	Weight Rear
698-001	RADIATOR MOUNTED AIR CONDITIONER CONDENSER		
739-002	ADDITIONAL CAB SIDEWALL INSULATION	60	10
285-019	AUTOMATIC SELF-RESET CIRCUIT BREAKER IN MAIN DASH POWER DISTRIBUTION BOX AND CIRCUIT BREAKER/FUSE IN AUXILIARY POWER DISTRIBUTION BOXES		
324-076	DOOR ACTIVATED DOME LIGHT, UNDER DASH LIGHT WITH LH AND RH DOOR MOUNTED COURTESY LIGHTS AND LH AND RH READING LIGHTS		
655-001	CAB DOOR LATCHES WITH MANUAL DOOR LOCKS		
64C-002	BRIGHT DOOR HANDLES		
284-112	(2) 12 VOLT POWER RECEPTACLES PLATE MOUNTED IN DASH		
722-028	TRIANGULAR REFLECTORS KIT WITHOUT FLARES SHIPPED LOOSE IN CAB	10	
756-1E1	ELITE HIGH BACK AIR SUSPENSION DRIVER SEAT WITH HEAT, 3 CHAMBER AIR LUMBAR, INTEGRATED CUSHION EXTENSION, FORWARD AND REAR CUSHION TILT AND ADJUSTABLE SHOCK	20	
760-038	NATIONAL 2 MAN TOOL/BATTERY BOX MID BACK NON SUSPENSION PASSENGER SEAT	-30	
757-001	BLACK SUSPENSION COVER FOR AIR DRIVER SEAT	2	
759-007	DUAL DRIVER SEAT ARMRESTS, NO PASSENGER SEAT ARMRESTS	4	
758-121	BLACK LAREDO LEATHER DRIVER SEAT COVER		
761-121	BLACK LAREDO LEATHER PASSENGER SEAT COVER		
763-006	3 POINT DRIVER AND PASSENGER AND 2 POINT CENTER FRONT SEAT BELT RETRACTORS		
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN		
540-067	2-SPOKE 18 INCH (450MM) CHERRY WOOD LEATHER WRAPPED		
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS		

### Instruments & Controls

185-009	EXTRA GRIP FOOT CLUTCH PEDAL PAD, NON-ADJUSTABLE SUSPENDED PEDALS
732-047	FIGURED CHERRY WOODGRAIN ULTRA GLOSS FINISH DRIVER INSTRUMENT PANEL
734-047	FIGURED CHERRY WOODGRAIN ULTRA GLOSS FINISH CENTER INSTRUMENT PANEL
870-005	STAR GAUGES WITH BRIGHT BEZELS

Data Code	Description	Weight Front	Weight Rear
838-010	(1) TRACTOR AND (1) TRAILER BRAKE APPLICATION AIR GAUGE		
840-002	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES		
198-004	DASH MOUNTED AIR RESTRICTION GAUGE	2	
721-001	97 DB BACKUP ALARM		3
149-012	CRUISE CONTROL SWITCHES IN THE CENTER PANEL		
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY		
811-033	DATASTAR DRIVER DISPLAY IN OVERHEAD CONSOLE AND WARNING LAMP/LIGHT BAR IN DASH NON-DATA LINK		
160-038	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH		
844-001	2 INCH ELECTRIC FUEL GAUGE		
845-011	FUEL FILTER RESTRICTION INDICATOR		
148-085	EMISSIONS LIMITED IDLE ADJUST		
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE		
854-001	ENGINE OIL TEMPERATURE GAUGE		
864-001	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE		
867-016	OUTSIDE AIR TEMPERATURE GAUGE WITH FAHRENHEIT AND CELSIUS DISPLAY MOUNTED IN OVERHEAD CONSOLE		
372-034	DASH MOUNTED PTO CONTROL WITH INDICATOR LIGHT, GUARD AND PIPING	5	
49B-998	NO VEHICLE STABILITY ADVISOR OR CONTROL		
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE		
1U1-001	TOP OF DASH NAVIGATION PREP WITH POWER AND GROUND		
746-116	AM/FM/WB WORLD TUNER RADIO WITH SIRIUS XM, CD PLAYER, BLUETOOTH, IPOD INTERFACE AND USB AND AUXILIARY INPUTS, J1939	10	
747-002	ROOF/OVERHEAD CONSOLE MOUNTED RADIO		
750-004	(4) RADIO SPEAKERS IN CAB		
753-019	AM/FM ANTENNA MOUNTED ON RH FRONT A-PILLAR		
748-037	COBRA 29 LXBT FACTORY INSTALLED CB RADIO WITH WEATHERBAND AND BLUETOOTH	5	
752-018	MULTI-BAND AM/FM/WB/CB DUAL MIRROR MOUNTED ANTENNA SYSTEM	4	

Data Code	Description	Weight Front	Weight Rear
78C-008	INTEROPERABLE SDAR ANTENNA, LOCATED FORWARD OF CUSTOMER FURNISHED CAB GUARD		
810-043	ELECTRONIC KPH SPEEDOMETER WITH SECONDARY MPH SCALE, WITH ODOMETER		
812-001	ELECTRONIC 3000 RPM TACHOMETER		
813-1B4	VT-HU CONNECTIVITY PLATFORM HARDWARE		
8D1-002	2 YEARS DETROIT CONNECT BASE PACKAGE (VIRTUAL TECHNICIAN, DETROIT CONNECT PORTAL ACCESS) FOR VT-HU CONNECTIVITY PLATFORM		
162-002	IGNITION SWITCH CONTROLLED ENGINE STOP		
329-017	THREE ON/OFF ROCKER SWITCHES IN THE DASH WITH INDICATOR LIGHTS AND WIRE ROUTED TO CHASSIS AT BACK OF CAB, LABEL OPT		
482-001	BW TRACTOR PROTECTION VALVE		
883-001	TRAILER HAND CONTROL BRAKE VALVE		
842-001	2 INCH TURBO AIR PRESSURE GAUGE		
836-001	2 INCH VOLTMETER		
660-008	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY		
304-018	CAB MARKER LIGHT AND HEADLIGHT SWITCH WITH SEPARATE SWITCH FOR TRAILER MARKER LIGHTS AND INTERRUPT SWITCH FOR TRAILER MARKER		
882-004	TWO VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR		
299-032	VSM NON CANCELING TURN SIGNAL SWITCH WITH INTEGRAL HEADLAMP DIMMER WITHOUT BRAKE OVERRIDE		
298-036	PACIFIC INSIGHT ELECTRONIC FLASHER		

### Design

065-000	PAINT: ONE SOLID COLOR
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### Color

980-8FC	CAB COLOR A: HSB905935 WHITE PPG BASE/CLEAR
96J-001	CAB INTERIOR PAINTED SAME AS CAB COLOR
986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT
966-998	PAINT-RR WHEEL COLOR: NONE
963-006	FENDER, UNDER CAB AND INTERIOR CAB FLOOR UNDERCOATING

### Certification / Compliance

996-002	CANADA CMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS
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Data Code	Description	Weight Front	Weight Rear
99A-001	ENGLISH LANGUAGE MAINTENANCE MANUAL IN E ACH TRUCK		

### Secondary Factory Options

998-032	CORPORATE PDI CENTER OPTION INSTALLATION/MODIFICATION ONLY
95M-998	NO CUSTOMER FURNISHED MATERIAL SPECIFIED
999-014	DEALER HAS BEEN ADVISED OF AND ACCEPTED RESPONSIBILITY FOR MODIFICATIONS DUE TO POSSIBLE PTO/CHASSIS INTERFERENCE

DLR ADVSD&ACCPTS TRMS OF PIL #395;SPD OF LD VEH LMTD TO 5MPH WHEN LIFT AXLE RSD

### Raw Performance Data

AE4-99D	CALC'D FRAME LENGTH - OVERALL : 368.41
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 186.01 in
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 194.0 in

## TOTAL VEHICLE SUMMARY

### Weight Summary

	Weight Front	Weight Rear	Total Weight
Factory Weight <sup>+</sup>	13315 lbs	9648 lbs	22963 lbs
Total Weight <sup>+</sup>	13315 lbs	9648 lbs	22963 lbs

(+) Weights shown are estimates only.

If weight is critical, contact Customer Application Engineering.

(\*\*\*) All cost increases for major components (Engines, Transmissions, Axles, Front and Rear Tires) and government mandated requirements, tariffs, and raw material surcharges will be passed through and added to factory invoices.