

# CUSTOMER PROPOSAL



**PREPARED FOR**

PALFLEET TRUCK EQUIPMENT  
4151 W STATE ROUTE 18  
TIFFIN

OH 448838997

**DATE**

5/23/2022

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**PREPARED BY**

CAMBRIA AUTOMOTIVE COMPANIES, INC.  
116 TALMADGE RD  
EDISON  
NJ 088172812

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**QUOTE INFORMATION**

CAMB2021000209A319  
GRANITE 84BR  
Qty: 2



# TECHNICAL SPECIFICATION

## GRANITE 84BR



APPLICATION PACKAGES			WEIGHT (LB)		LIST PRICE USD
			FRONT	REAR	
MPK0GK	CHASSIS CONFIGURATION PACKAGE	ONEBOX EATS, LH STACKED BATTERY BOX, 8.7 GALLON (33L) SLEEVED DEF, SINGLE 26" LH FUEL TANK	0	0	0

CUSTOMER/VEHICLE INFO			WEIGHT (LB)		LIST PRICE USD	
			FRONT	REAR		
S	0028D2	CHASSIS (BASE MODEL)	GRANITE 84BR	5,047	1,914	0
S	99X93X	ASSEMBLY PLANT	Made in Macungie, PA USA	0	0	0
	MP2002	CUSTOMER FLEET SIZE	REGIONAL FLEET 25 OR MORE VEHICLES IN OWN FLEET OF ANY VEHICLE BRAND	0	0	0
S	013001	TYPE OF SERVICE	COMMERCIAL	0	0	0
S	M98018	WARRANTY REGISTRATION LOCATION	USA - WARRANTY REGISTRATION LOCATION	0	0	0
	MBT02T	EMISSION WARRANTY CERTIFICATION	CARB + EPA for Mack MP7 / MP8 Diesel	0	0	0
S	5050B5	INITIAL REGISTRATION LOCATION	USA REGISTRATION	0	0	0
S	534014	LANGUAGE-PUBS/DECAL/SIGNS	ENGLISH	0	0	0
S	DHX10X	ROAD CONDITION	WELL MAINTAINED SURFACED ROADS >95% DRIVING DISTANCE	0	0	0
	005145	VEHICLE USE & BODY/TRAILER TYPE	FLATBED TRUCK	0	0	0
	2KEC1X	TRAILER TYPE	FIXED DRAWBAR TRAILER AND CENTERED AXLES	0	0	0
	DKXG2X	GROSS COMBINATION WEIGHT (CA in PC29 only)	80,000 LB (36 TONNES) GROSS COMBINATION WEIGHT	0	0	0
S	70BB1X	BRAKE REGULATION	BRAKE REGULATION, STOPPING DISTANCE 94M (310FT)	0	0	0
	QCXB1X	TOPOGRAPHY	GRADES <6% GREATER THAN 98% OF DRIVING DISTANCE MAX GRADE 16%	0	0	0
S	E1BD1X	AMBIENT TEMP UPPER LIMIT (GTA)	AMBIENT TEMPERATURE HOT. WARMER THAN 104 F (40 C) ALLOWED UP TO 25 HOURS PER YEAR	0	0	0
S	032A89	TERRAIN GRADE	ON-OFF HIGHWAY, STARTING GRADES<18%	0	0	0
S	033A10	LOADING SURFACE	CONCRETE LOADING AND / OR UNLOADING SURFACE	0	0	0
	0342A2	VEHICLE VOCATION	CONSTRUCTION SERVICE	0	0	0

ENGINE/TRANSMISSIONS			WEIGHT (LB)		LIST PRICE USD	
			FRONT	REAR		
	1004F0	ENGINE PACKAGE, COMBUSTION	MP8-505C MACK 505HP @ 1500-1700 RPM (PEAK) 2100 RPM (GOV) 1850 LB-FT, US'21	2,979	-271	5,642
S	3GCB1X	GHG APPLICATION, VEHICLE	GREEN HOUSE GAS VOCATIONAL APPLICATION	0	0	0
	136206	TRANSMISSION	4500 RDS 6 SPEED ALLISON GEN 6 W/PROGNOSTICS, WITH PTO PROVISION	732	245	14,063
S	V4EZ9X	GEARBOX 12TH GEAR LOCK-OUT	WITHOUT 12TH GEARBOX GEAR LOCK-OUT	0	0	0

EXHAUST/EMISSIONS			WEIGHT (LB)		LIST PRICE USD	
			FRONT	REAR		
	CIRAA4	CARB 2008 IDLE REGULATION	IDLE EMISSION CERTIFICATION, CARB (WITH DECAL LOCATED ON LOWER LH CORNER / DRIVER DOOR	0	0	0

# TECHNICAL SPECIFICATION *(cont.)*



				WEIGHT (LB)		LIST PRICE USD	
EXHAUST/EMISSIONS		DESCRIPTION	FRONT	REAR			
<b>S</b>	DPF04F	DPF DIESEL PARTICULATE FILTER	CLEARTECH ONE BOX E.A.T.S. RH SIDE UNDER CAB US17 / US21		0	0	<b>0</b>
	MCF08F	CHASSIS MOUNTED EMISSIONS FINISH	W/O DEF COVER & STAINLESS STEEL DPF COVER		0	0	<b>257</b>
	DF10P1	DIESEL EXHAUST FLUID TANK	8.7 GALLON (33 L) 26" LEFT SIDE FUEL TANK MTD		84	45	<b>0</b>
	130AD7	EXHAUST	SINGLE VERTICAL RIGHT SIDE CAB MOUNTED, LOWER VENTURI DIFFUSER, TURNED END		-35	-17	<b>377</b>
	KRXAPX	EXHAUST STACK HEIGHT	9' 6" FROM GROUND		0	0	<b>0</b>
	Q0AC1X	EXHAUST SYSTEM MATERIAL FINISH	SINGLE, BRIGHT FINISH HEAT SHIELD, STACK AND SCR COVER (IF EQUIPPED)		0	0	<b>97</b>
	78ADAX	EMISSION ON BOARD DIAG CONTROL	EMISSION OBD, DISPLAY ONLY, USA2022		0	0	<b>0</b>

				WEIGHT (LB)		LIST PRICE USD	
ENGINE EQUIPMENT		DESCRIPTION	FRONT	REAR			
<b>S</b>	125045	AIR CLEANER	UNDER HOOD SINGLE ELEMENT DRY TYPE W/AIR INTAKE FROM BOTH SIDES OF HOOD		0	0	<b>0</b>
<b>S</b>	121AA5	BUG SCREEN	BLACK ALUMINUM BUG SCREEN MOUNTED BEHIND GRILLE, WITHOUT WINTER FRONT COVER		0	0	<b>0</b>
<b>S</b>	1130L3	AIR COMPRESSOR/DRYER	WABCO AIR DR SS-HP AIR DRYER W/ WABCO 318 (18.7 CFM) AIR COMPRESSOR		0	0	<b>0</b>
<b>S</b>	KOXA1X	AIR DRYER POSITION (CA)	AIR DRYER POSITION STANDARD		0	0	<b>0</b>
	132AB8	ALTERNATOR	DELCO 12V 165A (36SI) BRUSHLESS W/ REMOTE VOLTAGE SENSING		27	0	<b>250</b>
<b>S</b>	316AA6	BATTERIES	(3) MACK 12V 650/1950 CCA THREADED STUD TYPE		0	0	<b>0</b>
	393AA4	BATTERY BOX - MOUNTING (x)	LH RAIL - STACKED (3 BATTERY MAX)		0	0	<b>-59</b>
	L5XF1X	BATTERY BOX COVER	POLISHED ALUMINUM		5	0	<b>78</b>
	LLXC1X	EMERGENCY START CONNECTIONS	EMERGENCY START STUDS, BATTERY BOX MOUNTED		7	0	<b>0</b>
	318AA3	BATTERY DISCONNECT SWITCH	FLAMING RIVER BIG SWITCH WIRED TO POSITIVE SIDE		3	0	<b>146</b>
	NCXD1X	STARTER MOTOR	12 VOLT MELCO STARTER (MITSUBISHI ELECTRIC)		31	0	<b>69</b>
	110AA6	ENGINE BRAKE	MACK MP8 POWERLEASH		0	0	<b>0</b>
<b>S</b>	118AB8	FAN DRIVE	BEHR FAN AND ELECTRONIC MODULATING VISCOUS FAN DRIVE		0	0	<b>0</b>
	119AG9	COOLANT PROTECTION	ETHYLENE GLYCOL EXTENDED LIFE COOLANT (50/50 MIX DYED RED) TO -34DEG, W/ LONG LIFE FILTER		0	0	<b>72</b>
	H9XK1X	RADIATOR TYPE	RADIATOR, CORE AREA W/O FEPTO 1345sq in (86sq dm), CORE AREA W/ FEPTO 1296sq in (83sq dm)		0	0	<b>0</b>
	124AB3	HOSES - RADIATOR/HEATER	SILICONE RADIATOR & HEATER HOSES W/BREEZE CONSTANT TORQUE CLAMPS ON ALL COOLANT LINES		3	0	<b>303</b>
<b>S</b>	293043	FUEL-WATER SEPARATOR	MACK W/MANUAL DRAIN VALVE V2 (INTEGRAL W/ PRIMARY FUEL FILTER)		0	0	<b>0</b>
<b>S</b>	MBXA1X	PRIMARY FUEL FILTER POSITION (CA)	STANDARD FUEL FILTER POSITION		0	0	<b>0</b>
	MCA04A	ENGINE HEATERS	120v 1500w BLOCK HEATER ONLY (120V-15A PLUG)		0	0	<b>97</b>
	5NXA1X	ENGINE BLOCK HEATER	120V 1500W ENGINE BLOCK HEATER		5	0	<b>0</b>
<b>S</b>	QHXC1X	OIL SUMP	OIL PAN		0	0	<b>0</b>
	36AD1X	TETHER DEV PKG, CAPS & COVERS	CAP RETAINER FOR OIL FILL & RADIATOR OVERFLOW TANK, BATTERY BOX, AND TOOL BOX (IF FURNISHED)		0	0	<b>35</b>

# TECHNICAL SPECIFICATION (cont.)



			WEIGHT (LB)		LIST PRICE USD
CLUTCH/TRANS EQUIPMENT			FRONT	REAR	
	492007	GEAR SHIFTER	ALLISON DASH MOUNTED SHIFTER W/NEUTRAL TO RANGE INHIBIT (HD SERIES)		0
<b>S</b>	MCB05B	CLUTCH ACTUATION SYSTEM & PEDAL PAD	WITHOUT CLUTCH CABLE SYSTEM		0
	1950J5	DRIVELINE - MAIN	SPICER SPL250HDXL LITE - LARGE (PROPS-L)		89
	204054	DRIVELINE - INTERAXLE	SPICER SPL250XL "LITE SERIES"		0
	76AA1X	PROPELLR SHAFT MAIN, UNVSL JNT	UNIVERSAL JOINT HALF-ROUND TYPE		0
<b>S</b>	8WAAAX	PROP SHAFT INTERAXL UNIV JOINT	HALF-ROUND UNIVERSAL JOINT		0
<b>S</b>	4LDA1X	TRANSMISSION OUTPUT TORQUE	TRANSMISSION OUTPUT TORQUE BASIC		0
<b>S</b>	RCXB1X	BELL HOUSING	ALUMINUM		0
	7RXAEX	LUBRICANTS, TRANSMISSION	TRANSYND SYNTHETIC LUBE FOR ALLISON TRANS		0
	139AA7	TRANSMISSION OIL COOLER	ALLISON TRANSMISSION W/DIRECT MOUNT COOLER		0
	M6CA1X	TRANSMISSION OIL MONITORING	TRANSMISSION OIL MONITORING, REMOTE FITTING FOR OIL SAMPLE		0

			WEIGHT (LB)		LIST PRICE USD
FRONT AXLE EQUIPMENT			FRONT	REAR	
	240AA3	FRONT AXLE	20000# (9100 KG) MACK FXL20 WIDE PIVOT CENTER STRAIGHT SPINDLE/UNITIZED BEARINGS		428
	244AB4	SPRINGS - FRONT	MACK TAPERLEAF 20000# (9100 KG) GROUND LOAD RATING, EQUAL BIAS		27
<b>S</b>	241081	FRONT AXLE BRAKES	MERITOR "S" CAM TYPE 16.5" x 6" Q+		29
<b>S</b>	U3XA1X	BRAKE, FRONT	CAST IRON		0
	UDXA1X	FRONT AXLE BRAKE DUST SHIELD	DUST SHIELDS FOR FRONT AXLE		5
<b>S</b>	U0AA1X	FRONT BRAKE ADJ. MANUFACTURE	HALDEX - AUTOMATIC		0
<b>S</b>	V7AD1X	FRONT BRAKE CHAMBER MFG.	FRONT BRAKE CHAMBER MANUFACTURER, MGM		0
<b>S</b>	0KXA1X	HUB MATERIAL, FRONT	FERROUS		0
<b>S</b>	1KAA1X	SHOCK ABSORBER, FRONT	DOUBLE ACTING TYPE		0
<b>S</b>	245AA3	STEERING	TRW TAS66+RCH60 POWER		175

			WEIGHT (LB)		LIST PRICE USD
REAR AXLE EQUIPMENT			FRONT	REAR	
	268AC1	REAR AXLE	46000# (20900kg) MERITOR RT46-164EH		0
<b>S</b>	6MAA1X	REAR AXLE CASING WIDTH	W/O WIDE TRACK AXLE		1,786
	018AA1	CARRIER - REAR AXLE	VENDOR CARRIER		0
	TAXHGX	REAR AXLE RATIO	4.30 RATIO		0
	186AB6	REAR SUSPENSION	MACK AL-461 AIR 46,000 lb (NOT FOR USE WITH AIR DISC BRAKES)		0
	GWXDGX	BOGIE SPREAD, REAR	54" AXLE SPACING (BOGIE WHEELBASE)		89
	ZAXA1X	SUSPENSION LEVELLING DEVICE (CA in PC29 only)	ELECTRICAL REGULATION LEVELING DEVICE		0
	J6DB1X	AIR SUSPENSION DUMP WARNING	AIR SUSPENSION DUMP, SPEED LIMITED, WARNING INDICATOR & BUZZER		0
	YVXA1X	REAR SHOCK ABSORBER	REAR SHOCK ABSORBER		0

# TECHNICAL SPECIFICATION *(cont.)*



				WEIGHT (LB)		LIST PRICE USD	
REAR AXLE EQUIPMENT		DESCRIPTION	FRONT	REAR			
	XYXA1X	TRANSVERSE TORQUE RODS, R SUSP	TRANSVERSE TORQUE ROD - ALL AXLES		0	0	0
<b>S</b>	237037	AUX.SPRING BRAKE QTY	AUX SPRING BRAKE QTY, 4 CHAMBERS		0	0	0
	UGXA1X	AUX.PARKING BRAKE CHAMBERS	AUXILIARY PARK, TWO EXTRA PARKING BRAKE CHAMBERS		0	20	0
<b>S</b>	253AA4	BRAKES - REAR	MERITOR "S" CAM 16.5"x7" Q+ (Total for QTY = 2)		0	-39	0
<b>S</b>	U4XA1X	BRAKE, DRIVE, REAR	CAST IRON		0	0	0
<b>S</b>	U1AA1X	REAR BRAKE ADJ MANUFACTURE	HALDEX - AUTOMATIC (Total for QTY = 2)		0	0	0
	UEXA1X	DRIVE AXLE BRAKE DUST SHIELD	DUST SHIELDS FOR REAR AXLE		0	12	50
	V1AB1X	REAR BRAKE CHAMBER SIZE	REAR SPRING BRAKE CHAMBERS 30/30 TYPE		0	0	0
	N5FAFX	BRAKE ORI REAR-MOST DRIVE AXLE	DRUM BRAKE CHAMBER ORIENTATION: Middle Mount - Forward of Axle - Chamber Up		0	0	0
<b>S</b>	300AB8	PARKING BRAKE CHAMBER	MGM TR3030LP3THD BRAKE CHAMBERS (Total for QTY = 2)		0	0	0
<b>S</b>	0LXI5X	HUB MATERIAL, DRIVE	IRON PRESET REAR HUB W/INTEGRATED SPINDLE NUT		0	318	0
<b>S</b>	3LAC1X	POWER DIVIDER LOCKOUT	POWER DIVIDER LOCKOUT, W/BUZZER & LIGHT		0	40	0
<b>S</b>	7WXA1X	LUBRICANTS, REAR AXLE(s)	FACTORY OPTION LUBE - REAR AXLE 80W-90		0	0	0
	254AB7	TRACTION DIFFERENTIAL	DRIVER CONTROLLED INTER WHEEL DIFFERENTIAL LOCK ALL RR.AXLES W/INDIVIDUAL SWITCHES		0	9	1,663
	9GAABX	ABS SENSOR & MODULATOR	6S/6M SYSTEM SENSING BOTH REAR AXLES W/WHEEL END SENSORS		5	0	0
	698088	ANTILOCK BRAKE SYSTEM	BENDIX WITH TRACTION CONTROL 6S6M		16	0	662
<b>S</b>	URXD1X	BRAKE VALVE VERSION	BENDIX SWITCHES AND VALVES WHERE POSSIBLE		0	0	0
	H9CZ1X	TRACTION CONTROL DISABLE (CA in PC29 only)	W/O AUTOMATIC TRACTION CONTROL (ATC) DISABLE SWITCH		0	0	-36
<b>S</b>	3ZAA1X	SPRING BRAKE INVERSION VALVE	TRACTOR SPRING BRAKE INVERSION VALVE		5	0	0

				WEIGHT (LB)		LIST PRICE USD	
PUSHER/TAG AXLE EQUIPMENT		DESCRIPTION	FRONT	REAR			
<b>S</b>	MA2052	AUXILIARY AXLES (x)	(1) HENDRICKSON 13K COMPOSITITE STEERABLE PUSHER AXLE (LIFTABLE), FF-SERIES WHEEL ENDS		300	929	0
	MA7077	FIRST AUXILIARY AXLE SPACING	54" (1370mm) 1st AUX AXLE SPACING		0	0	0
<b>S</b>	0NXD1X	HUB MATERIAL, TRAILING	ALUMINUM PRESET HUB, TRAILING W/ INTEGRATED SPINDLE NUT		0	0	0
<b>S</b>	ML2032	LUBRICANT - AUXILIARY AXLE (x)	AUXILIARY AXLE LUBRICANT PETROLEUM		0	0	0
<b>S</b>	MA3093	BRAKES - AUXILIARY AXLE (x)	HENDRICKSON 15X5 CAST AUXILIARY AXLE BRAKES (8x4/10x4 13k pusher axle only)		0	0	0
<b>S</b>	UFXA1X	TRAIL. AXLE BRAKE DUST SHIELD	DUST SHIELDS FOR AUXILLARY AXLE		0	0	0
<b>S</b>	MAD07D	BRAKE CHAMBERS MFG - AUXILIARY AXLE	AUXILIARY AXLE BRAKE CHAMBER MANUFACTURER, HALDEX		0	0	0
<b>S</b>	MAE02E	SLACK ADJUSTER - AUXILIARY AXLE	AUXILIARY AXLE BRAKE ADJUSTMENT, AUTOMATIC HALDEX		0	0	0
	MAC09C	AUXILIARY AXLE CONTROLS	MANUAL LIFT AUX AXLE CONTROLS - (BASIC HEIGHT)		0	0	0

# TECHNICAL SPECIFICATION *(cont.)*



			WEIGHT (LB)		LIST PRICE USD	
FRAME EQUIPMENT/FUEL TANKS	DESCRIPTION	FRONT	REAR			
271299	WHEELBASE	299"	486	486	599	
374119	AF (OVERHANG)	119"	-99	759	124	
MCE0AE	FRAME RAILS & LINERS	9.5 x 90 x 300mm - (0.37" x 3.54" x 11.81")W/ Full Liner; RBM 3,580,000 LB-IN	0	0	2,165	
7TXF1X	RUST PROTECTION (for frame), ADDITIONAL	RUST PROTECTION BETWEEN FRAME RAILS AND LINERS	3	3	820	
5CAZ1X	FRONT FRAME EXT. (BOLTED ON)	W/O FRONT FRAME EXTENSION	0	0	-202	
<b>S</b>	A0XK1X	FRONT FRAME LENGTH	STANDARD BUMPER POSITION	243	-26	0
	281AA6	CROSSMEMBERS	BOC AND INTERMEDIATE CROSSMEMBERS, HD I-BEAM	27	27	166
	AXXA5X	AUX CROSSM. IN REAR OVERHANG	STEEL SINGLE CHANNEL (1)	-13	51	0
<b>S</b>	Q5AA1X	REAR CROSSMEMBER OPTIONS	STEEL CLOSING REAR CROSSMEMBER	-8	49	0
<b>S</b>	X6XA1X	REAR FRAME TREATMENT	WITHOUT TAPERED FRAME RAIL ENDS	0	0	0
	4DXM3X	FRONT BUMPER	FLUSH-SWEPT BACK CHANNEL BRIGHT FINISH STEEL	-11	3	561
	4EXF1X	TOWING DEVICE, FRONT	(2) CLEVIS	0	0	0
<b>S</b>	2RAA1X	FUEL LEVEL SENDER UNIT, LIQUID	BASIC FUEL LEVEL SENDER MOUNTED ON L.H TANK	0	0	0
	288AF6	FUEL TANK - LH	93 GALLON (350 L) 26" ALUMINUM, SLEEVED D-SHAPED	183	86	548
<b>S</b>	290AA1	FUEL TANK - RH	W/O RH FUEL TANK	0	0	0
	R0AA1X	FUEL TANK POLISH OPTION	POLISHED ALUMINUM	0	0	266
<b>S</b>	JHXB1X	FUEL HOSES, LIQUID	BRAIDED HOSE	5	3	0
	8520F2	FUEL FILLER NECK OPTIONS	FILLER NECK SCREEN(S) - ALL FUEL TANKS, WITH NON-LOCKABLE FUEL TANK CAP	0	0	106
	12AA1X	FUEL LINE OPTIONS, LIQUID	W/O FUEL LINE OPTION	0	0	-104
<b>S</b>	Q2AA1X	CAB INSTEP VERSION	STANDARD 2 STEP CAB ACCESS	0	0	0
	223AA2	STEPS (BRIGHT) - FUEL TANK	BRIGHT FINISH ALUMINUM STEPS & STAINLESS STEEL BRIGHT FINISHED STRAPS	0	0	284

			WEIGHT (LB)		LIST PRICE USD	
AIR/BRAKE	DESCRIPTION	FRONT	REAR			
	UWXE1X	AIRTANK DRAIN VALVE	AUTO DRAIN VALVE, HEATED, ON SUPPLY TANK, W/LANYARDS ON ALL OTHER TANKS	3	0	108
<b>S</b>	U2XB1X	AIRTANK MATERIAL	STEEL AIR TANK PAINTED CHASSIS COLOR	0	0	0
	141AB0	RELOCATE AIR RESERVOIRS	RELOCATE ALL AIR RESERVOIRS INFRAME	0	0	74
	3MBA1X	PARK BRAKE ALARM	ALARM TO SOUND WHEN DRIVER DOOR OPENED & PARKING BRAKE NOT ON	0	0	100
	1JAABX	PARKING BRAKE VALVE	TWO (2) VALVE DUAL BRAKE SYSTEM - TRAILER SUPPLY AND TRACTOR-TRAILER PARK	0	0	62

			WEIGHT (LB)		LIST PRICE USD	
ELECTRICAL	DESCRIPTION	FRONT	REAR			
	4GAA1X	PARKING BRAKE LIGHTING	PARKING BRAKE LIGHTING	0	0	0
	5RXA3X	BACK-UP ALARM	W/INTERMITTENT FEATURE (AMBIENT NOISE SENSITIVE) 87-112 dB	0	3	148
	EAXD2X	DASH MOUNTED SWITCHES	(4) 15A, IGNITION POWERED, (2) 15A BATTERY POWERED, ALL LATCHING ON/OFF	0	0	158

# TECHNICAL SPECIFICATION *(cont.)*



			WEIGHT (LB)		LIST PRICE USD
ELECTRICAL	DESCRIPTION		FRONT	REAR	
S	3120A2	ROOF & SIDE MARKER LIGHTS (5) TRUCKLITE CHROME BULLET ROOF MARKER & STANDARD MARKER / DIRECTIONAL SIGNAL	0	0	0
S	LSXJ7X	DAYTIME RUNNING LIGHTS W/OVERRIDE SWITCH, PARK BRAKE & ENGINE RUNNING ACTIVATED	0	0	0
S	X2AA1X	DRL OVERRIDE SPEED THRESHOLD DRL OVERRIDE SPEED THRESHOLD 8 KMPH (5 MPH)	0	0	0
	NEXD2X	TAIL LAMPS LED TYPE TAIL LAMP MODULE MTD BELOW REAR CROSSMEMBER	0	5	298
	05AGAX	WORK LIGHTS - CHASSIS MOUNTED RH/LH LED WORK LIGHT (STEPS & GROUND) ON BOTH SIDES TRUCK	3	0	170

			WEIGHT (LB)		LIST PRICE USD
TRAILER CONNECTIONS	DESCRIPTION		FRONT	REAR	
	WGXA1X	TRAILER BRAKE VALVE HAND CONTROL VALVE FOR TRAILER BRAKES W/ AIR CONNECTIONS OR SERVICE BRAKES W/O AIR CONNECTIONS	0	0	71
	WHXQ2X	TRAILER CONNECTION POSITION (CA in PC29 only) TRAILER AIR BRAKE CONNECTIONS, END OF FRAME	23	23	478
	321031	TRAILER ELECTRICAL RECEPT SINGLE 7 PINS STD SAE TYPE, END OF FRAME	0	0	160
S	3SAZ1X	TRAILER CONNECTORS HOLDER OMIT TRAILER CONNECTORS HOLDER	3	0	0

			WEIGHT (LB)		LIST PRICE USD
PTO	DESCRIPTION		FRONT	REAR	
	TYXE1X	POWER TAKE OFF CONTROL TRANSMISSION PTO SWITCH AND LIGHT WITH WIRING AND PIPING FOR LOCAL INSTALLATION	3	0	0
S	B83083	BODY BUILDER INTERFACE BODY LINK III W/CAB PASS-THRU	5	5	0

			WEIGHT (LB)		LIST PRICE USD
SPECIALTY EQUIPMENT	DESCRIPTION		FRONT	REAR	
S	MCQ01Q	LANE SUPPORT SYSTEM (LSS) WITHOUT LANE SUPPORT SYSTEM	0	0	0
S	2PEZ1X	DATA CAPTURE WITHOUT DATA CAPTURE	0	0	0
S	1PAZ1X	CAMERA, SURVEILLANCE WITHOUT CAMERA	0	0	0

			WEIGHT (LB)		LIST PRICE USD
CAC INSTALLED EQUIPMENT	DESCRIPTION		FRONT	REAR	
	MBI011	CAC - PRE DELIVERY INSPECTION PRE DELIVERY INSPECTION (PDI)	0	0	451

			WEIGHT (LB)		LIST PRICE USD
CAB INTERIOR (A THRU G)	DESCRIPTION		FRONT	REAR	
S	198048	GAUGES - UNIT OF MEASURE U.S. UNITS (PREDOMINANT)	0	0	0
	E1AAAX	GAUGE OIL TEMP-REAR AXLE REAR AXLE OIL TEMP GAUGE IN DID (DRIVER INFORMATION DISPLAY)	0	0	0
	I6AA1X	AUXILIARY PNEUMATIC OUTLET CAB (CA family in PC29 only) AUX. INCAB PNEUMATIC LINE CLEANOUT	0	0	68
S	173AA5	AIR CONDITIONING/HEATER BLEND AIR HVAC W/"ATC" TEMP REGULATION	0	0	0

# TECHNICAL SPECIFICATION *(cont.)*



CAB INTERIOR (A THRU G)				WEIGHT (LB)		LIST PRICE USD
				FRONT	REAR	
S	EEXA1X	CUPHOLDER	CUPHOLDER	0	0	0
S	I0XAHX	DOME LAMP, INTERIOR	(4) DOME LAMPS - DOOR AND SWITCH ACTIVATED	0	0	0
S	3XAA1X	DASH INDICATOR - LAMP BODY OUT OF POS	DASH MTD, INDICATOR BODY/HOIST UP "BODYBUILDER LAMP"	0	0	0
	786066	FIRE EXTINGUISHER	5LB (ABC RATED/AMEREX) MOUNTED BETWEEN LH SEAT BASE AND DOOR WITH VALVE AIMED REARWARD	9	0	99
S	V8DZ1X	CARBON MONOXIDE DETECTION SYS	WITHOUT CARBON MONOXIDE DETECTION SYSTEM	0	0	0
	184AA3	FLOOR COVERING	POLYURETHANE FLOOR MAT W/ REMOVABLE INSERTS	16	0	92

CAB INTERIOR (H THRU R)				WEIGHT (LB)		LIST PRICE USD
				FRONT	REAR	
S	C52082	INSTMTN CLUSTER LANGUAGE	DEFAULT: ENGLISH, SPANISH, FRENCH	0	0	0
S	20XA1X	KEY TYPES FOR DOORS	ALL CHASSIS KEYED AT RANDOM	0	0	0
S	13AA1X	DOOR OPENING OPTIONS	W/O ELECTRONIC KEYLESS ENTRY	0	0	0
S	E3XD1X	FORWARD OVERHEAD STORAGE	(2) STORAGE COMPARTMENTS AND NET RETAINERS W/CENTER MOUNTING FOR CB PROVISIONS	0	0	0
S	1740D4	AUDIO ACCOMMODATION	PREMIUM STEREO, AM/FM, MP3, WEATHER BAND, BLUETOOTH	0	0	0
S	73AC1X	ANTENNA - RADIO	RADIO ANTENNA, CAB MOUNTED BEHIND LH DOOR	0	0	0
	5BXB5X	ANTENNA - CB RADIO	48" ANTENNA LEFT SIDE MIRROR MOUNTED	0	0	56
S	0LAA1X	AUDIO SHUTOFF	AUTO SHUTOFF FOR RADIO ENTERTAINMENT SYSTEM WHEN VEHICLE IS ENGAGED IN REVERSE	0	0	0
S	5CXB2X	AUDIO SPEAKER LOCATION	SPEAKER LOCATION, IN DOORS, MIDDLE HIGH SIDE PANEL	0	0	0
	3JAA3X	COMMUNICATION RADIO	CB RADIO, COBRA, COMPACT	0	0	198
	5JXAKX	COM.RADIO PREP KIT (CB)	CB MOUNTING, OVERHEAD COMP, MOUNT PLATE, PERMANENT	0	0	160
S	21XA1X	AUXILIARY REAR WINDOW	REAR WINDOW (FIXED TYPE)	0	0	0
S	IFXB1X	REAR WALL STORAGE COMPARTMENT	STORAGE POUCH REAR	5	0	0
	784034	REFLECTOR KIT	W/O SLEEPER BOX FURNISH KIT PARALLEL TO INSIDE SURFACE OF RIDER'S SEAT BASE	12	3	35

CAB INTERIOR (S THRU Z)				WEIGHT (LB)		LIST PRICE USD
				FRONT	REAR	
	004034	INTERIOR TRIM LEVELS	PREMIUM PACKAGE, STEEL GRAY (Package 12A)	0	0	712
	1961A6	SEAT - DRIVER'S	SEARS-AIR, ATLAS 80, HIGH BACK, 4 CHAMBER AIR LUMBAR, W/ HEAT	82	23	700
	MAP06P	SEAT COVERING - DRIVER'S	DRIVER'S SEAT - BLENDED BLACK & GREY VINYL / CLOTH MIX	0	0	273
	197AAA	SEAT - PASSENGER'S	MACK-AIR, HIGH BACK, 1 CHAMBER AIR LUMBAR	69	14	139
S	MAQB2X	SEAT COVERING - PASSENGER'S	PASSENGER'S SEAT - STEEL GREY VINYL	0	0	0
	0HAA1X	SEAT SUPPORT, DUST COVER	SEAT, DUST COVER FOR DRIVER'S SEAT	3	0	12
	3PXC1X	SEAT ARMREST	INBOARD MOUNTED ARM REST, DRIVER'S & RIDER'S SEAT	5	3	51
	5920G2	SEAT BELT(S)	LAP & SHOULDER HEIGHT ADJUSTMENT D-RING SEATBELT RH/LH ORANGE IN COLOR	0	0	114



# TECHNICAL SPECIFICATION (cont.)



				WEIGHT (LB)		LIST PRICE USD
CAB INTERIOR (S THRU Z)				FRONT	REAR	
<b>S</b>	2QAA1X	IGNITION TYPE	KEY TYPE	0	0	0
	161021	STEERING WHEEL	2 SPOKE LEATHER GRIP, SATIN ALUMINUM SPOKES, WITH SWITCHES	0	0	0
	WSXAAX	WINDSHIELD TYPE	ONE PIECE WINDSHIELD	0	0	126
<b>S</b>	145AA1	CAB GLASS	TINTED WINDSHIELD & SIDE WINDOWS & REAR WINDOW (IF EQUIPPED)	0	0	0
<b>S</b>	JQXAAX	WASHER RESERVOIR POSITION	W/O WINDSHIELD WASHER OPTION	0	0	0
<b>S</b>	148AA3	WINDSHIELD WIPERS	2 SPEED ELECTRIC MOTOR W/INTERMITTENT FEATURE	0	0	0

				WEIGHT (LB)		LIST PRICE USD
CAB EXTERIOR				FRONT	REAR	
	MCY01Y	HOOD LATCH TYPE & FINISH	STRAP TYPE HOOD LATCH WITH BRIGHT FINISH	0	0	104
	MCG0AG	EXTERIOR TRIM FINISH AND PACKAGES	GRANITE BRIGHT AIR INTAKE	0	0	24
	400AA6	GRILLE	BRIGHT FINISH BARS W/BRIGHT FINISH SURROUND GRILL MOUNTED	0	0	227
	MCD01D	PASSENGER SIDE VISIBILITY OPTIONS	WITHOUT AUXILIARY WINDOW IN RH DOOR WITHOUT SIDE CLOSE VIEW MIRROR	0	0	-22
<b>S</b>	2KXB1X	FRONT WHEEL OPENING	FENDER EXTENSIONS	5	0	0
	5870B7	GRAB HANDLES	BF EXTERIOR CAB GRAB HANDLES, BLACK GRAB HANDLE RH INTERIOR WINDSHIELD POST	0	0	0
	154AC3	HORN - AIR	(2) MACK RECTANGULAR SINGLE TRUMPET, BRIGHT FINISH ALUMINUM W/SNOW SHIELDS	7	0	142
	LXXD1X	HORN - ELECTRICAL	DUAL TONE	5	0	8
	152AC5	MIRRORS - EXTERIOR	BULLDOG STYLIZED MIRRORS - LH & RH HEATED & MOTORIZED AND ILLUMINATED W/INTEGRAL CONVEX MIRROR	7	0	632
	15H0GH	MIRROR - CONVEX HOOD & FENDER	1/4 ROUND "BUS MIRROR" ON RH & LH FENDER BLACK ARMS AND BLACK MIRROR HEAD	25	0	288
	157037	SUN VISOR - EXTERIOR	SUN VISOR, EXTERIOR, STAINLESS STEEL (UNPAINTED)	9	0	373

				WEIGHT (LB)		LIST PRICE USD
AERODYNAMIC DEVICES				FRONT	REAR	
<b>S</b>	159AA1	CAB AERODYNAMIC PACKAGES	WITHOUT CAB AERODYNAMIC DEVICES	0	0	0
<b>S</b>	MCM998	FRONT CHASSIS AERODYNAMIC PACKAGE	WITHOUT FRONT AERODYNAMIC FAIRINGS	0	0	0

				WEIGHT (LB)		LIST PRICE USD
WHEELS & TIRES				FRONT	REAR	
	900AW4	TIRES BRAND/TYPE - FRONT	425/65R22.5 L MICHELIN XZY3 (22800 lbs) (Total for QTY = 2)	415	0	1,356
	5312X1	WHEELS - FRONT	22.5x12.25 ALCOA 82462x POLISHED OUTER W/ DURA-BRIGHT ALUMINUM, 5.81" OFFSET, 10 HAND HOLE (Total for QTY = 2)	133	0	290
	9016O1	TIRES BRAND/TYPE - REAR	11R22.5 G CONTINENTAL HDR2+ (23360 lbs) (DRIVE ONLY) (Total for QTY = 8)	0	1,094	1,488

# TECHNICAL SPECIFICATION *(cont.)*



			WEIGHT (LB)		LIST PRICE USD		
WHEELS & TIRES	DESCRIPTION		FRONT	REAR			
	3463H6	WHEELS - REAR	22.5x8.25 ALCOA ULT39x POLISHED W/ DURA-BRIGHT ALUMINUM, 6.60" OFFSET, 10 HAND HOLE (Total for QTY = 8)		0	318	3,008
S	H1EB1X	DRIVE WHEEL STUDS	DRIVE WHEEL STUDS LONGER LENGTH		0	0	0
S	15XABX	TIRE INFLATION VALVE	STANDARD VALVE STEMS AND CAPS		0	0	0
S	MA50J5	AUXILIARY AXLE TIRES (x)	255/70R22.5 H BRIDGESTONE R250ED (11020 lbs / 20280 lbs) (Total for QTY = 2)		0	203	0
	MA42R4	AUXILIARY AXLE WHEELS (x)	22.5x8.25 ALCOA ULT39x POLISHED W/ DURA-BRIGHT ALUMINUM, (7,400 LB), 6.62" OFFSET, 10 HAND HOLE (Total for QTY = 2)		0	80	752
S	MCH03H	FRONT HUB/WHEEL TRIM	WITHOUT FRONT HUB/WHEEL TRIM		0	0	0
S	MCI03I	REAR HUB/WHEEL TRIM	WITHOUT REAR HUB/WHEEL TRIM (Total for QTY = 2)		0	0	0
	MCJ03J	PUSHER HUB/WHEEL TRIM	WITHOUT AUXILIARY HUB/WHEEL TRIM		0	0	0
S	3PBA1X	WHEEL NUT FINISH, REAR (CA)	WHEEL NUT BASIC FINISH, REAR		0	0	0

			WEIGHT (LB)		LIST PRICE USD		
COMMUNICATION SYSTEMS	DESCRIPTION		FRONT	REAR			
S	3YAA1X	CO-PILOT - DISPLAY FEATURES ACCESS LEVEL	CO-PILOT DISPLAY, DRIVER ACCESS LEVEL 1		0	0	0
S	M30060	TELEMATIC GATEWAY	TELEMATICS GATEWAY, 4G/LTE AND WLAN SYSTEM WITH DIAGNOSTIC SERVICES		0	0	0

			WEIGHT (LB)		LIST PRICE USD		
ENGINE ELECTRONICS	DESCRIPTION		FRONT	REAR			
S	WOXA1X	OIL PRESSURE, ENGINE SHUTDOWN	OIL PRESSURE, ENGINE SHUTDOWN		0	0	0
S	WMXA1X	COOLANT TEMP, ENGINE SHUTDOWN	COOLANT TEMP, ENGINE SHUTDOWN		0	0	0
S	K5XA2X	ENGINE PROTECTION SYSTEM	ENGINE PROTECTION (SHUTDOWN)		0	0	0
	K7XH2X	ENGINE IDLE CONTROL	IDLE CONTROL, 625 RPM		0	0	0
S	X0AB0X	SMART IDLE ELEVATED IDLE RPM TIME	INCREASE 10 MINUTE MAXIMUM TIME		0	0	0
S	M3CA1X	IDLE S/D ABS TAMPER CHECK	IDLE SHUTDOWN ABS TAMPER CHECK, ENABLED		0	0	0
S	B1ACAX	IDLE S/D WARNING TIME	30 SEC IDLE S/D WARNING TIME		0	0	0
S	A8AALX	IDLE S/D IF WARM-UP TEMP	38C DEG (100F), WARM UP TEMP DELAY		0	0	0
S	A4AAEX	IDLE S/D WARM-UP TIMER	5 MIN. WARM UP TIME DELAY		0	0	0
S	A6AABX	IDLE S/D IF PTO ACTIVE	ENGINE IDLE SHUTDOWN TIME OVERRIDDEN IF PTO ACTIVE		0	0	0
S	B0AAAX	IDLE SHUTDOWN IF POWER > LIMIT	ENG IDLE SHUTDOWN TIME OVERRIDDEN IF TORQUE > THAN LIMIT		0	0	0
S	M4CB1X	IDLE S/D OVERRIDE %ENGINE LOAD	IDLE SHUTDOWN OVERRIDE UPTO 20% ENGINE LOAD THRESHOLD		0	0	0
S	D2AAFx	AMBIENT TEMP MIN TRESHOLD	AMBIENT TEMP MIN TRESHOLD, 16 DEG C, (60 DEG F)		0	0	0
S	D3AAEX	AMBIENT TEMP MAX TRESHOLD	AMBIENT TEMP MAX TRESHOLD, 27 DEG C, (80 DEG F)		0	0	0
S	B3ABAX	EL HD THROTTLE,MAX ROAD SPEED	ELECTRONIC HAND THROTTLE, MAX ROAD SPEED, 16 KMH (10 MPH)		0	0	0
S	B6ABAX	EL HAND THROTTLE,MAX ENG SPEED	ELECTRONIC HAND THROTTLE, MAX ENGINE SPEED, 1000 RPM		0	0	0

# TECHNICAL SPECIFICATION *(cont.)*



ENGINE ELECTRONICS			DESCRIPTION	WEIGHT (LB)		LIST PRICE USD
				FRONT	REAR	
S	B4ADAX	EL HAND THROTTLE,MIN ENG SPEED	ELECTRONIC HAND THROTTLE, MIN ENGINE SPEED, 700 RPM	0	0	0
S	B9AABX	EL HD THROTTLE,SPEED RAMP RATE	ELECTRONIC HAND THROTTLE, SPEED RAMP RATE, 100 RPM/SEC	0	0	0

TRANSMISSION ELECTRONICS			DESCRIPTION	WEIGHT (LB)		LIST PRICE USD
				FRONT	REAR	
	779009	TRANSMISSION ELECTRONICS PACKAGE	DUMP/VOCATIONAL/PLOW(223) - REQUIRES SERVICE BRAKE TO ENGAGE GEAR (4TH GEAR LIMIT SECONDARY FOR PLOW	0	0	0
	B1EC1X	TRANSM AUTO NEUTRAL ON P-BRAKE	ALLISON PARK BRAKE AUTO NEUTRAL-ALLOWS THE DRIVER TO ENGAGE GEAR PRIOR TO DISENGAGING THE PARK BRAKE	0	0	0
	MAV0AV	TRANSMISSION ELECTRONIC SHIFTING PROPERTIES	FUELSENSE, FULL NEUTRAL AT STOP	0	0	0

VEHICLE ELECTRONICS			DESCRIPTION	WEIGHT (LB)		LIST PRICE USD
				FRONT	REAR	
S	JCXE6X	ROAD SPEED LIMITER SETTING	105 KM/H ROAD SPEED LIMITER(65 MPH)	0	0	0
S	Y3CC1X	PEDAL RSL SETTING	101 KM/H PEDAL ROAD SPEED LIMITER (63MPH)	0	0	0
S	JDXA1X	CRUISE CONTROL	CRUISE CONTROL	0	0	0
S	JFXLLX	CRUISE CONTROL, MAX SPEED	MAX CRUISE, 105 KPH (65 MPH)	0	0	0
S	E3AACX	CRUISE CONTROL MIN SPEED	MIN CRUISE, 32 KPH (20 MPH)	0	0	0
S	E5AACX	ENG BRK ENGAGE IN CRUISE	ENG BRK ENGAGE IN CRUISE, 3 MPH, ABOVE SET SPEED	0	0	0
S	L2CA1X	PDLO ENGAGED VLS	POWER DIVIDER LOCK OUT (PDLO) ROAD SPEED LIMIT 8KMH (5MPH)	0	0	0
S	W5BA1X	MAXIMUM ENG SPEED AT 0 MPH	1000 MAXIMUM ENGINE SPEED AT 0 MPH	0	0	0
S	A4BAAX	DETECTION SPEED SENSR TMPRNG	DETECTION OF SPEED SENSOR TAMPERING, ENABLE	0	0	0
S	8RXAEX	ENG TORQUE LIMIT,SPEED SENSOR	ENG TORQUE LIMITED TO 50%, IF SPEED SENSOR TAMPER DETECTED	0	0	0
S	X3CB1X	DRIVER ID FUNCTION	DRIVER ID FUNCTION, DISABLED	0	0	0
S	0PAZ1X	DR PERFORMANCE PARAMETERS	WITHOUT DRIVER PERFORMANCE PARAMETERS	0	0	0
S	G5AAHX	ENGINE OVERSPEED,ALL COND, LOG	ENGINE OVERSPEED, ALL CONDITIONS, TIME LOG IF ABOVE 2200 RPM	0	0	0
S	G2AAGX	ENGINE OVERSPEED,FUELED, LOG	ENGINE OVERSPEED, FUELED, TIME LOG IF ABOVE 2100 RPM	0	0	0
S	G4AAUX	VEHICLE OVERSPEED,ALL COND,LOG	VEHICLE OVERSPEED,ALL COND, TIME LOG IF ABOVE 75MPH (121KMH)	0	0	0
S	G3AAPX	VEHICLE OVERSPEED, FUELED, LOG	VEHICLE OVERSPEED, FUELED, TIME LOG IF ABOVE 70MPH (113KMH)	0	0	0
S	G1AABX	ENGINE IDLE DELAY TO LOG PERIODIC TRIP LOG DAY OF MONTH	ENGINE IDLE DELAY TO START LOG, 2 MIN	0	0	0
S	W9A01X		PERIODIC TRIP LOG, DAY 1 OF THE MONTH	0	0	0

# TECHNICAL SPECIFICATION (cont.)



				WEIGHT (LB)		LIST PRICE USD
PTO ELECTRONICS		DESCRIPTION	FRONT	REAR		
S	F3AAEX	PTO1 SINGLE SPEED CONTROL RPM.	PTO 1ST, SINGLE SPEED SETTING, 1000 RPM	0	0	0
S	F5AABX	PTO 1ST, MAX ROAD SPEED	1ST PTO, MAX ROAD SPEED, 10 MPH (16 KPH)	0	0	0
S	F6AABX	PTO 1ST, SPEED RAMP RATE	PTO 1ST, SPEED RAMP RATE 100 RPM/SEC	0	0	0
S	F7AAPX	PTO 1ST, MAX ENGINE SPEED	PTO 1ST, MAX ENGINE SPEED, 2100 RPM	0	0	0
S	F8AAGX	PTO 1ST, ROAD SPEED LIMIT	PTO 1ST, ROAD SPEED LIMIT, 97 KMH (60 MPH)	0	0	0
S	F9AABX	PTO 1ST, MINIMUM ENGINE SPEED	PTO 1ST, MINIMUM ENGINE SPEED, 600 RPM	0	0	0
S	H6AAEX	PTO 2ND, SINGLE SPEED SETTING	PTO 2ND, SINGLE SPEED SETTING, 1000 RPM	0	0	0
S	H0AABX	PTO 2ND, MAX ROAD SPEED	2ND PTO, MAX ROAD SPEED, 10 MPH (16 KPH)	0	0	0
S	G9AABX	PTO 2ND, SPEED RAMP RATE	PTO 2ND, SPEED RAMP RATE 100 RPM/SEC	0	0	0
S	H7AANX	PTO 2ND, MAX ENGINE SPEED	PTO 2ND, MAX ENGINE SPEED, 2100 RPM	0	0	0
S	H5AAGX	PTO 2ND, ROAD SPEED LIMIT	PTO 2ND, ROAD SPEED LIMIT, 97 KMH (60 MPH)	0	0	0
S	G8AABX	PTO 2ND, MINIMUM ENGINE SPEED	PTO 2ND, MINIMUM ENGINE SPEED, 600 RPM	0	0	0

				WEIGHT (LB)		LIST PRICE USD
PAINT		DESCRIPTION	FRONT	REAR		
S	950AD0	PAINT DESIGN	SINGLE COLOR	0	0	0
S	924014	PAINT TYPE	SOLID PAINT	0	0	0
	944CQ2	PAINT COLOR - FIRST COLOR	GLACIER WHITE; P3029	0	0	0
S	945998	PAINT COLOR - SECOND COLOR	NO SECOND TRUCK COLOR PROVIDED; NO COLOR	0	0	0
S	946998	PAINT COLOR - THIRD COLOR	NO THIRD TRUCK COLOR PROVIDED; NO COLOR	0	0	0
S	996AA3	PAINT - CAB PAINT SYSTEM	PAINT - CAB, URETHANE CLEAR COAT	0	0	0
S	MPB944	CAB COLOR	SAME AS FIRST COLOR - CAB	0	0	0
S	MPD944	HOOD COLOR	SAME AS FIRST COLOR - HOOD	0	0	0
S	MPC998	SLEEPER ROOF COLOR	WITHOUT SLEEPER ROOF COLOR	0	0	0
S	MPA998	ROOF FAIRING COLOR	WITHOUT ROOF FAIRING	0	0	0
S	951AA6	CHASSIS RUNNING GEAR	MACK BLACK (URETHANE); P3036	0	0	0
	958028	BUMPER	W/O OPTIONAL BUMPER PAINT	0	0	0
S	959019	FUEL TANK - ***NO INVENTED VARIANTS ALLOWED in the FUEL TANK PAINT FAMILY***	W/O OPTIONAL FUEL TANK PAINT	0	0	0
S	962032	HUBS & DRUMS-FRONT	SAME AS CHASSIS RUNNING GEAR	0	0	0
S	963033	HUBS & DRUMS-REAR	SAME AS CHASSIS RUNNING GEAR	0	0	0

				WEIGHT (LB)		LIST PRICE USD
CALCULATED CODES - KAX		DESCRIPTION	FRONT	REAR		
S	9JXA1X	PROPCALC SELECTION	YES, THE ORDER MUST BE CALCULATED	0	0	0

				WEIGHT (LB)		LIST PRICE USD
BASE WARRANTY & PURCHASED COVERAGES		DESCRIPTION	FRONT	REAR		
S	898003	VEHICLE WARRANTY TYPE	HEAVY DUTY WARRANTY CLASSIFICATION	0	0	0
S	M50030	BASIC CHASSIS COVERAGE	HEAVY DUTY STANDARD BASE COVERAGE 12 MONTHS/100,000 MILES (161,000 KM)	0	0	0

# TECHNICAL SPECIFICATION *(cont.)*



BASE WARRANTY & PURCHASED COVERAGES			WEIGHT (LB)		LIST PRICE USD
			FRONT	REAR	
M8302T	EMISSION - SURCHARGE	CARB + EPA for Mack MP7 / MP8 Diesel	0	0	2,100
M51102	ENGINE WARRANTY	MACK MP7/MP8 BASE CARB EMISSION COVERAGE 60 MONTHS / 350,000 MILES	0	0	0
M52052	EMISSION COMPONENT COVERAGE	US and CANADA CARB EQUIPPED VEHICLE EMISSION COMPONENTS COVERAGE 60 MONTHS/350,000 MILES	0	0	0
M540B4	TRANSMISSION WARRANTY	ALLISON TRANSMISSIONS (Contact Allison Transmission for standard warranty and extended coverage data	0	0	0
M55055	CARRIER & AXLE HOUSING WARRANTY	STANDARD VENDOR NORMAL / HEAVY DUTY COVERAGE 36 MONTHS/350,000 (563,00 KM)	0	0	0
S M56026	AIR CONDITIONING WARRANTY	AIR CONDITIONING STANDARD COVERAGE (Sealed System Only) 12 MONTHS UNLIMITED MILEAGE	0	0	0
S M57027	CHASSIS TOWING WARRANTY	STANDARD NORMAL / HEAVY DUTY CHASSIS TOWING 90 DAYS OR 5,000 MILES	0	0	0
S M58028	ENGINE TOWING WARRANTY	STANDARD MACK ENGINE TOWING COVERAGE 24 MONTHS/250,000 MILES (402,000 KM)	0	0	0
S M690F9	GUARDDOG CONNECT BUNDLE	24 MONTH - GUARDDOG CONNECT WITH MACK OTA (with ASIST and Mack OneCall)	0	0	0
S M78010	PREPAID API	WITHOUT PREPAID API	0	0	0
S M67017	PREMIUM MAINTENANCE - CHASSIS LUBE AND INSPECTION	W/O PREMIUM MAINTENANCE - CHASSIS LUBE AND INSPECTION COVERAGE	0	0	0

ADDITIONAL ENGINEERING (Included)			WEIGHT (LB)		LIST PRICE USD
			FRONT	REAR	
CA	21M35227		0	0	0

**FRONT / REAR AXLE WEIGHTS (LB)**

11601 9535

**TOTAL WEIGHT (LB)**

21,136

# PRICING SUMMARY

## GRANITE 84BR

### VEHICLE PRICE

[REDACTED]

### SOFT OFFERS AND WARRANTY

CARB + EPA for Mack MP7 / MP8 Diesel

[REDACTED]

PRE DELIVERY INSPECTION (PDI)

[REDACTED]

### TOTAL SOFT OFFERS AND WARRANTY

[REDACTED]

### TAX SUMMARY

AMT. SUBJECT TO TAX

FET (12%)

[REDACTED]

[REDACTED]

Tire Tax Credit

N/A

[REDACTED]

### TOTAL TAX

[REDACTED]

### TOTAL SELLING PRICE (PER UNIT) USD

[REDACTED]

### TOTAL DEAL PRICE (QTY: 2) USD

[REDACTED]

PALFLEET TRUCK EQUIPMENT

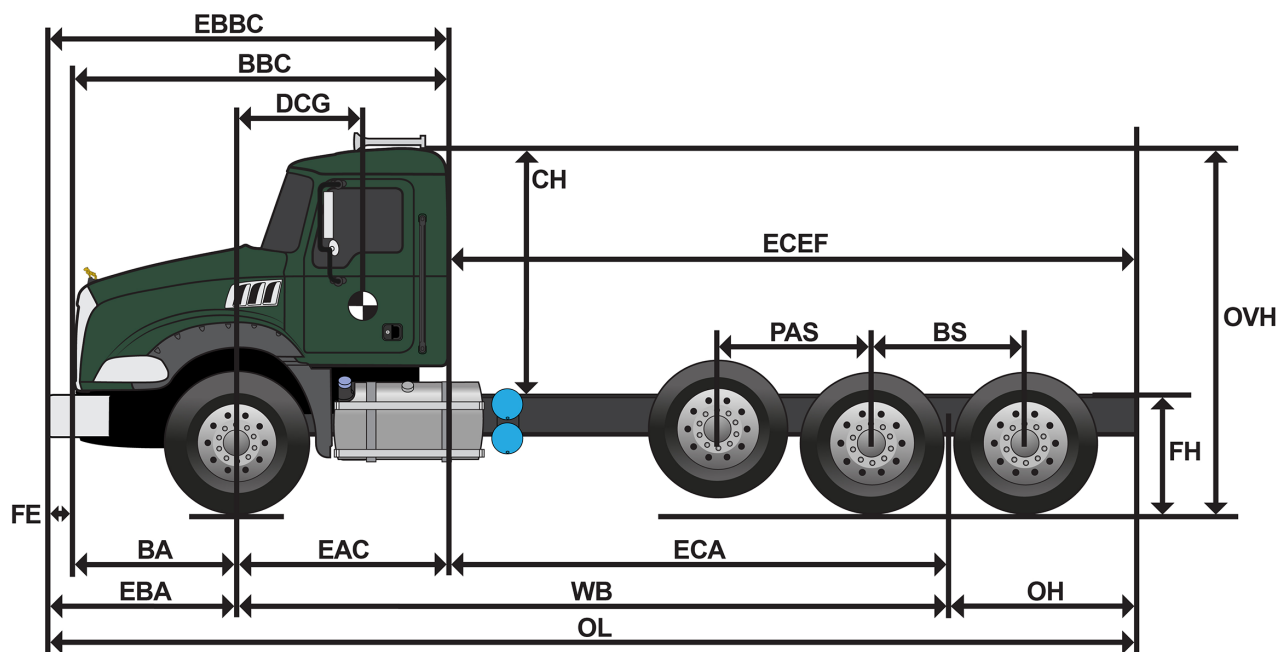
DATE

CAMBRIA AUTOMOTIVE COMPANIES, INC.

DATE

**VEHICLE SPECIFICATION/CALCULATED PERFORMANCE SUMMARY**

Description	Sales Code	Dwg Ref	Length	UOM
Front Frame Extension	N/A	FE	0.0	INCHES
Bumper to Front Axle	N/A	BA	51.1	INCHES
Wheelbase	N/A	WB	298.6	INCHES
Rear Overhang	N/A	OH	118.5	INCHES
Overall Length	N/A	OL	468.2	INCHES
Bumper to Back of Cab	N/A	BBC	116.5	INCHES
Eff. Bumper to Back of Cab	N/A	EBBC	116.5	INCHES
Eff. Cab to Rear Axle	N/A	ECA	233.1	INCHES
Eff. Front Axle to Back of Cab	N/A	EAC	65.5	INCHES
Eff. Cab to End of Frame	N/A	ECEF	351.7	INCHES
Unladen 5th Wheel Height	E5BZ1X	5W	0.0	INCHES
Unladen Frame Height	N/A	FH	42.2	INCHES
Cab Height	N/A	CH	70.9	INCHES
Overall Height	N/A	OVH	116.2	INCHES
Driver CG	N/A	DCG	47.2	INCHES
1ST PUSHER AXLE SPACING 1370MM (54")	GYXGVX	PAS	53.9	INCHES
54" AXLE SPACING (BOGIE WHEELBASE)	GWXDGX	BS	53.9	INCHES
Second Front Axle Spacing	RHXZ1X	SFAS	0.0	INCHES



**VEHICLE SPECIFICATION/CALCULATED PERFORMANCE SUMMARY**

Description	Sales Code	Dwg Ref	Left Value(in)	Right Value(in)
Wheelbase	N/A	WB	298.6	298.6
Available Rail Space Right	N/A	ARSR	N/A	138.7
Available Rail Space Left	N/A	ARSL	128.1	N/A
Eff. Front Axle to Back of Cab	N/A	REF	65.5	65.5
Front Axle To Fender	CDX23X	N/A	27.0	27.0
Claretech One Unit	DPF04F	N/A	0.0	48.0
Battery Box	393AA4	N/A	10.0	0.0
93 GALLON (350 L) 26" ALUMINUM, SLEEVED D-SHAPED / W/O RH FUEL TANK	288AF6 / 290AA1	N/A	41.1	0.0
Ad-Blue Tank	DF10P1	N/A	7.5	0.0
Drive Tire Radius	9016O1	N/A	21.1	21.1
First Pusher Axle Spacing	GYXGVX	N/A	53.9	53.9
Pusher Tire Radius	MA50J5	N/A	4.0	4.0

*Top View image is intended for illustration purposes only and is not presented to scale. Wheelbase, Axle Spacing and After frame are not shown as specified, but are a representation. Customer Adaptation (CA) options and relocated components are not represented in these images. Most CA options impact the variation of the image, thus an image may not populate. Calculations are approximate to a tolerance of  $\pm 4$  inches due to component mounting variation. Certain chassis component options are NOT represented in the Top View image, such as, but not exclusive to, Front Frame Extensions, Fuel Water Separators, Air Dryers, PTOs, Fifth Wheels, Chassis Fairings, Toolboxes, Trailer Connections. For further information on these items and their respective locations on your specification, please refer to the data sheets associated with those items in the configurator.*





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