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TRAIL
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A proposal for **ETR LLC**

Prepared by ORLANDO FREIGHTLINER Ryan Partin

Mar 08, 2024

Freightliner M2 106 Plus



Components shown may not reflect all spec'd options and are not to scale



Prepared for: PURCHASING. ETR LLC 700 S French Ave

SANFORD, FL 32771 Phone: 407-339-6737

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QUOTATION

M2 106 PLUS CONVENTIONAL CHASSIS

SET BACK AXLE - TRUCK

CUM L9 300EV HP @ 2200 RPM, 2200 GOV RPM, 860 LB-FT @ 1200 RPM, R/F/E

ALLISON 3000 EVS AUTOMATIC TRANSMISSION WITH PTO PROVISION

DETROIT DA-RS-17.5-2 17,500# R-SERIES SINGLE REAR **AXLE**

AIRLINER 15,000# REAR SUSPENSION DETROIT DA-F-10.0-3 10,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE

10,000# TAPERLEAF FRONT SUSPENSION 154 INCH BBC HIGH-ROOF ALUMINUM CONVENTIONAL **CREW CAB** 5675MM (223 INCH) WHEELBASE NO FIFTH WHEEL 9/32X3-7/16X10-1/16 INCH STEEL FRAME (7.14MMX255.6/0.281X10.06 INCH) 80KSI 1600MM (63 INCH) REAR FRAME OVERHANG

			PER UNIT		TOTAL
VEHICLE PRICE	TOTAL # OF UNITS (1)	\$		\$	
EXTENDED WARRANTY	TOTAL # OF ORTIO (1)	\$	0	\$	0
DEALER INSTALLED OPTIONS		\$	O	\$	O
CUSTOMER PRICE BEFORE TAX		Ψ S		\$	
COSTOWIER PRICE BEFORE TAX		Ψ		Ψ	
TAXES AND FEES					
TAXES AND FEES		\$	0	\$	0
OTHER CHARGES		\$	0	\$	0
TRADE-IN					
TRADE-IN ALLOWANCE		\$	(0)	\$	(0)
BALANCE DUE	(LOCAL CURRENCY)	\$		\$	_
COMMENTS:					
Projected delivery on/ provided the o	rder is received before _	//	<u> </u>		
ADDDOVAL					
APPROVAL:	, signing holow:				
Please indicate your acceptance of this quotation by	signing below.				
Customer: X	Date: /	/ .			

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SPECIFICATION PROPOSAL

	Data Code	Description
Price Le	vel	
	PRL-28M	M2 PRL-28M (EFF:MY25 ORDERS)
Data Ver	rsion	
	DRL-033	SPECPRO21 DATA RELEASE VER 033
Vehicle (Configuratio	n
	001-172	M2 106 PLUS CONVENTIONAL CHASSIS
	004-225	2025 MODEL YEAR SPECIFIED
	002-004	SET BACK AXLE - TRUCK
	019-004	STRAIGHT TRUCK PROVISION, NON-TOWING
	003-001	LH PRIMARY STEERING LOCATION
General	Service	
	AA1-002	TRUCK CONFIGURATION
	AA6-002	DOMICILED, USA (EXCLUDING CALIFORNIA AND CARB OPT-IN STATES)
!	99D-020	EPA EMISSIONS CERTIFICATION FOR 50 STATE REGISTRATION - CARB EXEMPT, FIRE AND EMERGENCY VEHICLES ONLY (INCLUDES 6X4 INCH LABEL ON LOWER FORWARD OF DRIVER DOOR)
	AF2-998	NONE
	A85-006	RESCUE AND EMERGENCY SERVICE
ı	A84-1EV	EMERGENCY VEHICLES BUSINESS SEGMENT
	AA4-011	FIXED LOAD COMMODITY
	AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS
ı	AB1-008	MAXIMUM 8% EXPECTED GRADE
	AB5-001	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE
!	995-091	MEDIUM TRUCK WARRANTY
	A66-99D	EXPECTED FRONT AXLE(S) LOAD: 9880.0 lbs



Data Code	Description
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 12000.0 lbs
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 21880.0 lbs
Truck Service	
AA3-024	AMBULANCE BODY
AF3-1U1	ETR VEHICLES
AF7-99D	EXPECTED BODY/PAYLOAD CG HEIGHT ABOVE FRAME "XX" INCHES: 32.0 in
Engine	
101-3BX	CUM L9 300EV HP @ 2200 RPM, 2200 GOV RPM, 860 LB-FT @ 1200 RPM, R/F/E
Electronic Parame	eters
79A-070	70 MPH ROAD SPEED LIMIT
79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT
79M-001	PTO MODE BRAKE OVERRIDE - SERVICE BRAKE APPLIED
79P-007	PTO RPM WITH CRUISE SET SWITCH - 1100 RPM
79U-007	PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND
79W-024	CRUISE CONTROL BUTTON PTO CONTROL
80G-002	PTO MINIMUM RPM - 700
80J-002	REGEN INHIBIT SPEED THRESHOLD - 5 MPH
80S-001	PTO 1, DASH SWITCH, STATIONARY OPERATION
80V-100	PTO MODE SPEED CONTROL ACTIVATION REQUEST FOR REMOTE ENGINE INTERFACE
Engine Equipmen	
99C-024	EPA 2010/GHG 2024 CONFIGURATION
13E-001	STANDARD OIL PAN
105-001	ENGINE MOUNTED OIL CHECK AND FILL
014-099	SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER
124-1E7	DR 12V 275 AMP 40-SI BRUSHLESS PAD ALTERNATOR WITH REMOTE BATTERY VOLTAGE SENSE
292-237	(4) DTNA GENUINE, FLOODED STARTING, MIN 4000CCA, 740RC, THREADED STUD BATTERIES
290-017	BATTERY BOX FRAME MOUNTED



Data Code	Description
281-001	STANDARD BATTERY JUMPERS
282-003	SINGLE BATTERY BOX FRAME MOUNTED LH SIDE BACK OF CAB
291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN
289-001	NON-POLISHED BATTERY BOX COVER
306-015	PROGRESSIVE LOW VOLTAGE DISCONNECT AT 12.3 VOLTS FOR DESIGNATED CIRCUITS
107-032	CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE
108-002	STANDARD MECHANICAL AIR COMPRESSOR GOVERNOR
131-013	AIR COMPRESSOR DISCHARGE LINE
152-039	GVG, FIRE AND EMERGENCY SERVICE VEHICLES ENGINE WARNING
128-1AR	CUMMINS ENGINE INTEGRAL BRAKE WITH VARIABLE GEOMETRY TURBO ON/OFF WITH BRAKE LAMPS
016-1DD	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH LH HORIZONTAL TAILPIPE EXITING FORWARD OF REAR TIRES
28F-015	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD ACTIVE REGENERATION AND VIRTUAL REGENERATION REQUEST SWITCH IN CLUSTER AND DASH MOUNTED INHIBIT SWITCH
239-001	STANDARD EXHAUST SYSTEM LENGTH
237-027	LH HORIZONTAL TAILPIPE, EXIT FORWARD OF REAR TIRES
23U-001	6 GALLON DIESEL EXHAUST FLUID TANK
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL
43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION
23Y-001	STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING
43Y-001	STANDARD DIESEL EXHAUST FLUID TANK CAP
273-058	AIR POWERED ON/OFF ENGINE FAN CLUTCH
276-002	AUTOMATIC FAN CONTROL WITH DASH SWITCH AND INDICATOR LIGHT, NON ENGINE MOUNTED
110-003	CUMMINS SPIN ON FUEL FILTER
118-008	COMBINATION FULL FLOW/BYPASS OIL FILTER
266-101	900 SQUARE INCH ALUMINUM RADIATOR



Prepared by: Ryan Partin ORLANDO FREIGHTLINER 2455 S. ORANGE BLOSSOM TRAIL

APOPKA, FL	32703
Phone: 4072	2953846

Data Code	Description
103-039	ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES
270-016	RADIATOR DRAIN VALVE
168-002	LOWER RADIATOR GUARD
134-001	ALUMINUM FLYWHEEL HOUSING
132-004	ELECTRIC GRID AIR INTAKE WARMER
155-058	DELCO 12V 38MT HD STARTER WITH INTEGRATED MAGNETIC SWITCH
Transmission	
342-1KD	ALLISON 3000 EVS AUTOMATIC TRANSMISSION WITH PTO PROVISION
Transmission Equip	ment
343-331	ALLISON VOCATIONAL PACKAGE 198 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODEL EVS
84B-003	ALLISON VOCATIONAL RATING FOR FIRE TRUCK/EMERGENCY VEHICLE APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES
84C-023	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY
84D-023	SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY
84E-000	PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE
84F-000	SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE
84G-000	PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE
84H-000	SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE
84J-000	ENGINE BRAKE RANGE PRESELECT RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE



Data Code	Description
84K-000	ENGINE BRAKE RANGE ALTERNATE PRESELECT RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE
84N-200	FUEL SENSE 2.0 DISABLED - PERFORMANCE - TABLE BASED
84U-000	DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES
353-076	QUICKFIT BODY LIGHTING CONNECTOR AT END OF FRAME, WITH BLUNTCUTS
34C-011	ELECTRONIC TRANSMISSION WIRING TO CUSTOMER INTERFACE CONNECTOR
362-823	CUSTOMER INSTALLED CHELSEA 280 SERIES PTO
363-001	PTO MOUNTING, LH SIDE OF MAIN TRANSMISSION ALLISON
341-018	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN
345-003	PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED
97G-004	TRANSMISSION PROGNOSTICS - ENABLED 2013
370-015	WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK
346-003	TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK
35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)
Front Axle and E	quipment

400-1A5	DETROIT DA-F-10.0-3 10,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE
402-020	MERITOR 15X4 Q+ CAM FRONT BRAKES
403-026	FIRE AND EMERGENCY SEVERE SERVICE, NON-ASBESTOS FRONT LINING
419-023	CONMET CAST IRON FRONT BRAKE DRUMS
427-001	FRONT BRAKE DUST SHIELDS
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
405-002	MERITOR AUTOMATIC FRONT SLACK ADJUSTERS
536-050	TRW THP-60 POWER STEERING



Data Code	Description
539-003	POWER STEERING PUMP
534-015	2 QUART SEE THROUGH POWER STEERING RESERVOIR
40T-001	MINERAL SAE 80/90 FRONT AXLE LUBE
Front Suspension	
620-062	10,000# TAPERLEAF FRONT SUSPENSION
619-005	MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION
629-004	FRONT SWAYBAR
410-001	FRONT SHOCK ABSORBERS
Rear Axle and Equip	oment
420-1C6	DETROIT DA-RS-17.5-2 17,500# R-SERIES SINGLE REAR AXLE
421-363	3.63 REAR AXLE RATIO
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING
386-094	RPL14 MERITOR SERVICE-FREE MAIN DRIVELINE WITH HALF ROUND (17T) YOKES
423-033	MERITOR 16.5X7 Q+ CAST SPIDER HEAVY DUTY CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES
433-025	FIRE AND EMERGENCY SEVERE SERVICE NON- ASBESTOS REAR BRAKE LINING
434-005	BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE AXLE(S) WITH AUXILIARY SUPPORT BRACKETS
451-001	CAST IRON OUTBOARD REAR BRAKE DRUMS
425-002	REAR BRAKE DUST SHIELDS
440-006	REAR OIL SEALS
426-100	WABCO TRISTOP D LONGSTROKE 1-DRIVE AXLE SPRING PARKING CHAMBERS
428-003	HALDEX AUTOMATIC REAR SLACK ADJUSTERS
41T-002	CURRENT AVAILABLE SYNTHETIC 75W-90 REAR AXLE LUBE
Rear Suspension	
622-1CY	AIRLINER 15,000# REAR SUSPENSION
621-046	AIRLINER MID POSITION RIDE HEIGHT
431-001	STANDARD AXLE SEATS IN AXLE CLAMP GROUP



Data Code	Description
888-078	IGNITION CONTROLLED ELECTRIC DUMP SWITCH FOR AIR SUSPENSION WITH STATE RETENTION AND GAUGE
87D-012	REAR AIR SUSPENSION DUMP VALVE AUTOFILL >5 MPH WITH INDICATOR LIGHT
910-009	DUAL INSTANT RESPONSE REAR SUSPENSION LEVELING VALVES WITH PING TANK AND RESERVE TANK FOR 10/12/15,000# AIRLINER
623-002	TRANSVERSE CONTROL RODS
630-006	10,000/15,000# AIRLINER REAR SUSPENSION STABILIZER BAR
439-004	REAR SHOCK ABSORBERS - ONE AXLE (AIR RIDE SUSPENSION)
Pusher / Tag Equip	ment
429-998	NO PUSHER/TAG BRAKE DUST SHIELDS
Brake System	
018-002	AIR BRAKE PACKAGE
490-121	WABCO 4S/4M ABS WITH TRACTION CONTROL
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES
904-001	FIBER BRAID PARKING BRAKE HOSE
412-001	STANDARD BRAKE SYSTEM VALVES
46D-002	STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM
413-002	STD U.S. FRONT BRAKE VALVE
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE
480-009	BW AD-9 BRAKE LINE AIR DRYER WITH HEATER
479-003	AIR DRYER MOUNTED INBOARD ON LH RAIL
460-008	STEEL AIR BRAKE RESERVOIRS MOUNTED INSIDE RAIL
477-006	BW DV-2 AUTO DRAIN VALVE WITHOUT HEATER ON ALL TANK(S)
Trailer Connections	S
481-998	NO TRAILER AIR HOSE
476-998	NO AIR HOSE HANGER
919-063	(1) QUICKFIT PROGRAMMABLE SOLENOID W/STATE RETENTION PLUMBED TO BACK OF CAB
310-998	NO TRAILER ELECTRICAL CABLE
Wheelbase & Frame	e



Data Code	Description
545-567	5675MM (223 INCH) WHEELBASE
546-094	9/32X3-7/16X10-1/16 INCH STEEL FRAME (7.14MMX255.6/0.281X10.06 INCH) 80KSI
552-030	1600MM (63 INCH) REAR FRAME OVERHANG
55W-006	FRAME OVERHANG RANGE: 61 INCH TO 70 INCH
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA): 110.63 in
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA): 107.63 in
AE4-99D	CALC'D FRAME LENGTH - OVERALL: 325.39 in
FSS-0LH	CALCULATED FRAME SPACE LH SIDE: 94.42 in
FSS-0RH	CALCULATED FRAME SPACE RH SIDE: 86.28 in
553-001	SQUARE END OF FRAME
550-001	FRONT CLOSING CROSSMEMBER
559-001	STANDARD WEIGHT ENGINE CROSSMEMBER
561-001	STANDARD CROSSMEMBER BACK OF TRANSMISSION
562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)
572-001	STANDARD REARMOST CROSSMEMBER
565-001	STANDARD SUSPENSION CROSSMEMBER
Chassis Equipment	
556-1AP	THREE-PIECE 14 INCH PAINTED STEEL BUMPER WITH COLLAPSIBLE ENDS
558-001	FRONT TOW HOOKS - FRAME MOUNTED
574-011	SINGLE LICENSE PLATE BUMPER MOUNTING ON LH SIDE
585-998	NO MUDFLAP BRACKETS
590-998	NO REAR MUDFLAPS
586-024	FENDER AND FRONT OF HOOD MOUNTED FRONT MUDFLAPS
551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS
44Z-002	EXTERIOR HARNESSES WRAPPED IN ABRASION TAPE
605-017	LEVEL FRAME RAILS (+1%, -0%) WHEN CHASSIS IS LOADED TO FRONT AND REAR SUSPENSION RATINGS
607-001	CLEAR FRAME RAILS FROM BACK OF CAB TO FRONT REAR SUSPENSION BRACKET, BOTH RAILS OUTBOARD



	Data Code	Description
Fifth W	heel	
	578-998	NO FIFTH WHEEL
Fuel Ta	nks	
	204-215	50 GALLON/189 LITER SHORT RECTANGULAR ALUMINUM FUEL TANK - LH
	218-005	RECTANGULAR FUEL TANK(S)
	215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS
	212-007	FUEL TANK(S) FORWARD
	664-001	PLAIN STEP FINISH
	205-001	FUEL TANK CAP(S)
	122-1J1	DETROIT FUEL/WATER SEPARATOR WITH WATER IN FUEL SENSOR, HAND PRIMER AND 12 VOLT PREHEATER"
	216-020	EQUIFLO INBOARD FUEL SYSTEM
	202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE
Tires		
	093-0BN	MICHELIN XZE 255/70R22.5 16 PLY RADIAL FRONT TIRES
	094-0BN	MICHELIN XZE 255/70R22.5 16 PLY RADIAL REAR TIRES
Hubs		
	418-060	CONMET PRESET PLUS PREMIUM IRON FRONT HUBS
	450-060	CONMET PRESET PLUS PREMIUM IRON REAR HUBS
Wheels		
	502-766	ALCOA ULA18X 22.5X8.25 10-HUB PILOT 5.81 INSET ALUMINUM DISC FRONT WHEELS
	505-769	ALCOA ULA18X ALUMINUM OUTSIDE, ACCURIDE 51637 STEEL INSIDE; 22.5X8.25 10- HUB PILOT DISC REAR WHEELS
	524-002	POLISHED FRONT WHEELS; INSIDE AND OUTSIDE
	525-001	POLISHED REAR WHEELS; OUTSIDE OF OUTER WHEELS ONLY
*	52M-004	FORCEMATCH TIRE/WHEEL RUNOUT CHECK/MARK AND STATIC BALANCING ALL WHEELS AND TIRES



Data Code	Description
496-011	FRONT WHEEL MOUNTING NUTS
497-011	REAR WHEEL MOUNTING NUTS
Cab Exterior	
829-079	154 INCH BBC HIGH-ROOF ALUMINUM CONVENTIONAL CREW CAB
650-008	AIR CAB MOUNTING
705-012	CAB ROOF REINFORCEMENTS FOR ROOF MOUNTED COMPONENTS
678-067	SAFETY YELLOW LH AND RH INTERIOR GRAB HANDLES AND LH AND RH EXTERIOR GRAB HANDLES WITH SINGLE RUBBER INSERT
646-023	HOOD MOUNTED CHROMED PLASTIC GRILLE
65X-003	CHROME HOOD MOUNTED AIR INTAKE GRILLE
644-004	FIBERGLASS HOOD
690-002	TUNNEL/FIREWALL LINER
727-1B0	DUAL 25 INCH ROUND STUTTER TONE HOOD MOUNTED AIR HORNS
726-002	DUAL ELECTRIC HORNS
728-002	DUAL HORN SHIELDS
575-001	REAR LICENSE PLATE MOUNT END OF FRAME
312-088	LED HEADLIGHT ASSEMBLY AND INCANDESCENT MARKER/TURN LAMP WITH CHROME BEZEL
302-047	LED AERODYNAMIC MARKER LIGHTS
311-022	HEADLIGHTS OFF WITH IGNITION OFF, WITH DAYTIME RUNNING LIGHTS
294-046	OMIT STOP/TAIL/BACKUP LIGHTS AND PROVIDE WIRING WITH SEPARATE STOP/TURN WIRES TO 4 FEET BEYOND END OF FRAME
300-015	STANDARD FRONT TURN SIGNAL LAMPS
744-1BC	DUAL WEST COAST BRIGHT FINISH HEATED MIRRORS WITH LH AND RH REMOTE
797-001	DOOR MOUNTED MIRRORS
796-001	102 INCH EQUIPMENT WIDTH
743-204	LH AND RH 8 INCH BRIGHT FINISH CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS
74A-001	RH DOWN VIEW MIRROR
729-001	STANDARD SIDE/REAR REFLECTORS
768-998	NO REAR WINDOW
661-004	TINTED DOOR GLASS LH AND RH WITH TINTED OPERATING WING WINDOWS



Data Code	Description
654-011	RH AND LH ELECTRIC POWERED WINDOWS
663-013	1-PIECE SOLAR GREEN GLASS WINDSHIELD
659-019	2 GALLON WINDSHIELD WASHER RESERVOIR WITHOUT FLUID LEVEL INDICATOR, FRAME MOUNTED
Cab Interior	
055-019	RUGGED TRIM PACKAGE
707-107	GRAY & CARBON VINYL INTERIOR "RUGGED"
70K-020	CARBON WITH PREMIUM GUNMETAL ACCENT (RUGGED)
706-013	MOLDED PLASTIC DOOR PANEL
708-013	MOLDED PLASTIC DOOR PANEL
772-006	BLACK MATS WITH SINGLE INSULATION
785-026	(1)DASH MOUNTED 12V POWER OUTLET, (1)DASH MOUNTED DUAL USB-C OUTLET
691-001	FORWARD ROOF MOUNTED CONSOLE
693-019	LH AND RH DOOR STORAGE POCKETS INTEGRATED INTO MOLDED DOOR PANELS
738-021	DIGITAL ALARM CLOCK IN DRIVER DISPLAY
742-007	(2) CUP HOLDERS LH AND RH DASH
680-029	M2/SD DASH
700-002	HEATER, DEFROSTER AND AIR CONDITIONER
701-001	STANDARD HVAC DUCTING
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH
689-003	AUXILIARY HEATER/AIR CONDITIONER WITH CONSTANT OUTLET TEMPERATURE CONTROL
170-015	STANDARD HEATER PLUMBING
130-041	VALEO HEAVY DUTY A/C REFRIGERANT COMPRESSOR
702-002	BINARY CONTROL, R-134A
739-034	PREMIUM INSULATION
285-013	SOLID-STATE CIRCUIT PROTECTION AND FUSES
280-007	12V NEGATIVE GROUND ELECTRICAL SYSTEM
324-1B3	STANDARD LED CAB LIGHTING
787-998	NO SECURITY DEVICE
657-001	DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME
78G-004	KEY QUANTITY OF 4
655-005	LH AND RH ELECTRIC DOOR LOCKS



	Data Code	Description
	756-1E7	SEATS INC 911 UNIVERSAL SERIES HIGH BACK
	750-127	AIR SUSPENSION DRIVER SEAT WITH NFPA 1901-2009/2016 COMPLIANT SEAT SENSOR
	760-1E7	SEATS INC 911 UNIVERSAL SERIES HIGH BACK AIR SUSPENSION PASSENGER SEAT WITH NFPA 1901-2009/2016 COMPLIANT SEAT SENSOR
*	762-309	SEATS 911 UNIVERSAL SERIES HIGH BACK AIR SUSPENSION LH AND RH REAR PASSENGER SEAT WITH NFPA 1901-2009/2016 COMPLIANT SEAT SENSORS
	711-004	LH AND RH INTEGRAL DOOR PANEL ARMRESTS
	758-1AK	BLACK VINYL DRIVER SEAT COVER
	761-1AK	BLACK VINYL PASSENGER SEAT COVER
*	755-1AK	BLACK VINYL REAR PASSENGER SEAT COVER
N	763-105	NFPA 1901-2009 HIGH VISIBILITY ORANGE SEAT BELTS
	532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN
	540-070	4-SPOKE 18 INCH (450MM) LEATHER WRAPPED STEERING WHEEL WITH CHROME SWITCH BEZELS
	765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS
Instr	uments & Con	trols

4CH-008	8 EXTRA PROGRAMMABLE SWITCHES/INDICATORS
106-002	ELECTRONIC ACCELERATOR CONTROL
734-022	FULLY CONFIGURABLE CENTER INSTRUMENT PANELS
87L-001	ENGINE REMOTE INTERFACE WITH PARK BRAKE INTERLOCK
870-002	BRIGHT ARGENT FINISH GAUGE BEZELS
486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM
840-001	DUAL NEEDLE PRIMARY AND SECONDARY AIR PRESSURE GAUGE
198-025	INTAKE MOUNTED AIR RESTRICTION INDICATOR WITHOUT GRADUATIONS
149-015	ELECTRONIC CRUISE CONTROL WITH CONTROLS ON STEERING WHEEL SPOKES
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY



Data Code	Description
157-004	MANUAL REMOTE ENGINE STOP/START
811-044	PREMIUM INSTRUMENT CLUSTER WITH 5.0 INCH TFT COLOR DISPLAY
81B-003	DIGITAL PANEL LAMP DIMMER SWITCH IN DRIVER DISPLAY
160-038	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH
844-001	2 INCH ELECTRIC FUEL GAUGE
148-072	ENGINE REMOTE INTERFACE WITH ONE OR MORE SET SPEEDS
48H-003	QUICKFIT POWERTRAIN INTERFACE CONNECTOR UNDER CAB WITH CAPS
4C0-998	NO ADDITIONAL EXTRA SWITCH ACCUATORS
48C-002	QUICKFIT PROGRAMMABLE INTERFACE CONNECTOR(S) BETWEEN SEATS WITH BLUNTCUTS
163-014	ENGINE REMOTE INTERFACE CONNECTOR AT POWERTRAIN INTERFACE CONNECTOR
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE
864-001	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE
867-004	ELECTRONIC OUTSIDE TEMPERATURE SENSOR DISPLAY IN DRIVER MESSAGE CENTER
830-017	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY
372-123	PTO CONTROLS FOR ENHANCED VEHICLE ELECTRIC/ELECTRONIC ARCHITECTURE
736-998	NO OBSTACLE DETECTION SYSTEM
72K-998	NO REVERSE PROXIMITY SENSOR
72J-998	NO DR ASSIST SYSTEM
49B-006	ELECTRONIC STABILITY CONTROL,4X2 W/SAFETY MIN BODY WEIGHT EXCEEDS 4,000LBS REQ
73B-998	NO LANE DEPARTURE WARNING SYSTEM
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE
679-023	CENTER OVERHEAD INSTRUMENT PANEL BLANK
35M-012	QUICKFIT PROGRAMMABLE INTERFACE MODULE + (8) 20 AMP FUSED RELAYS



Data Code	Description
1U1-002	TOP OF DASH RAM MOUNT WITHOUT POWER OR GROUND, FOR CUSTOMER FURNISHED DEVICE
746-137	AM/FM/WB WORLD TUNER RADIO WITH BLUETOOTH, USB AND AUXILIARY INPUTS, J1939
747-001	DASH MOUNTED RADIO
750-002	(2) RADIO SPEAKERS IN CAB
753-001	AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF
74D-006	STANDARD RADIO WIRING WITH STEERING WHEEL CONTROLS
810-027	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER
817-001	STANDARD VEHICLE SPEED SENSOR
812-001	ELECTRONIC 3000 RPM TACHOMETER
813-1C8	DETROIT CONNECT PLATFORM HARDWARE
8D1-313	3 YEARS DAIMLER CONNECTIVITY BASE PACKAGE ON (FEATURES VARY BY MODEL) POWERED BY DETROIT CONNECT ON CUMMINS ENGINES
6TS-008	(2) TMC RP1226 ACCESSORY CONNECTORS: (1) LOCATED BEHIND PASSENGER SIDE REMOVABLE DASH PANEL (1) CENTER OF OVERHEAD CONSOLE
162-002	IGNITION SWITCH CONTROLLED ENGINE STOP
81Y-006	PRE-TRIP INSPECTION FEATURE FOR EXTERIOR LAMPS AND SERVICE BRAKES
264-007	(1) FOOT SWITCH FOR DRIVER AIR HORN
883-998	NO TRAILER HAND CONTROL BRAKE VALVE
842-006	DIGITAL TURBO AIR PRESSURE IN DRIVER DISPLAY
836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY
660-008	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY
304-030	ROTARY HEADLAMP SWITCH, MARKER LIGHTS/HEADLIGHTS SWITCH WITH PULL OUT FOR OPTIONAL FOG/ROAD LAMPS
27D-004	ALTERNATING FLASHING HEADLAMP SYSTEM WITH BODY BUILDER CONTROLLED ENGAGEMENT



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	Data Code	Description
	882-018	ONE VALVE PARKING BRAKE SYSTEM WITH DASH VALVE CONTROL AUTONEUTRAL AND WARNING INDICATOR
	299-020	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, HEADLAMP FLASH, WASH/WIPE/INTERMITTENT
	298-046	INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH 40 AMP (20 AMP PER SIDE) TRAILER LAMP CAPACITY
Design		
*	065-370	PAINT: FTL-EMERGENCY 1
Color		
*	980-6D0	CAB COLOR A: L4679EY PIERCE #10 ELITE WHITE
N	981-6D4	CAB COLOR B: L2683EY VERMILLION PIERCE #50 ELITE EY
	986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT
	966-972	POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)
	964-6Z7	BUMPER PAINT: FP24812 ARGENT SILVER DUPONT FLEX
	969-998	NO CAB/BODY EXTERIOR DECALS
	963-003	STANDARD E COAT/UNDERCOATING

Dealer	Installed	I Options
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996-001

Secondary Factory Options
998-033 CORPO

		Front	Rear
CTS	CTS FURNISH AND INSTALL SECONDARY AC COMPRESSOR	0	0
	Total Dealer Installed Options	0 lbs	0 lbs

U.S. FMVSS CERTIFICATION, EXCEPT SALES

CORPORATE PDI CENTER IN-SERVICE AND OPTION INSTALLATION/MODIFICATION

CABS AND GLIDER KITS



Weight

Weight

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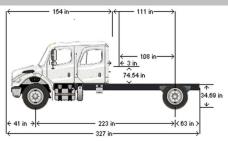
(***) All cost increases for major components (Engines, Transmissions, Axles, Front and Rear Tires) and government mandated requirements, tariffs, and raw material surcharges will be passed through and added to factory invoices.



ORLANDO FREIGHTLINER 2455 S. ORANGE BLOSSOM APOPKA, FL 32703 Phone: 4072953846

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DIMENSIONS



VEHICLE SPECIFICATIONS SUMMARY - DIMENSIONS

Model	M2106
Wheelbase (545)	5675MM (223 INCH) WHEELBASE
Rear Frame Overhang (552)	1600MM (63 INCH) REAR FRAME OVERHANG
Fifth Wheel (578)	NO FIFTH WHEEL
Mounting Location (577)	NO FIFTH WHEEL LOCATION
Maximum Forward Position (in)	
Maximum Rearward Position (in)	
Amount of Slide Travel (in)	
Slide Increment (in)	
Desired Slide Position (in)	
Cab Size (829)	154 INCH BBC HIGH-ROOF ALUMINUM CONVENTIONAL CREW CAE
Sleeper (682)	NO SLEEPER BOX/SLEEPERCAE
Exhaust System (016)RH OUTBOARD	UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY
WITH LH HORIZONTAL TAIL PIPE EXITING	FORWARD OF REAR TIRES

TABLE SUMMARY - DIMENSIONS



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Dimensions	Inches
Bumper to Back of Cab (BBC)	153.5
Bumper to Centerline of Front Axle (BA)	40.7
Front Axle to Back of Cab (AC)	112.8
Min. Cab to Body Clearance (CB)	3.0
Back of Cab to Centerline of Rear Axle(s) (CA)	110.6
Effective Back of Cab to Centerline of Rear Axle(s) (Effective CA)	107.6
Back of Cab Protrusions (Exhaust/Intake) (CP)	2.0
Back of Cab Protrusions (Side Extenders/Trim Tab) (CP)	0.0
Back of Cab Protrusions (CNG Tank)	0.0
Back of Cab Clearance (CL)	3.0
Back of Cab to End of Frame	173.6
Cab Height (CH)	74.5
Wheelbase (WB)	223.4
Frame Overhang (OH)	63.0
Overall Frame Length	325.4
Overall Length (OAL)	327.2
Rear Axle Spacing	0.0
Unladen Frame Height at Centerline of Rear Axle	34.7

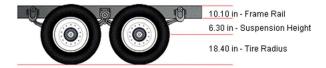
Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.



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UNLADEN FRAME HEIGHT

Unladen Height	Requested	Calculated
Frame (in)	N/A	34.70



VEHICLE SPECIFICATIONS SUMMARY - UNLADEN FRAME HEIGHT

Model	
	154 INCH BBC HIGH-ROOF ALUMINUM CONVENTIONAL CREW CAB
	9/32X3-7/16X10-1/16 INCH STEEL FRAME (7.14MMX255.6/0.281X10.06 INCH) 80KSI(546)
Web Height (in)	
Flange Thickness (in)	
Rear Suspension (622)	
	AIRLINER MID POSITION RIDE HEIGHT
	6.279
	MICHELIN XZE 255/70R22.5 16 PLY RADIAL REAR TIRES
Unladen Radius (in)	
Fifth Wheel (578)	NO FIFTH WHEEL
Requested Min Height (in)	0.0
Requested Max Height (in)	1
Fifth Wheel Leg Height (582)	NO FIFTH WHEEL LEG HEIGHT
Rear Tow Device (587)	
Requested Min Height (in)	
Requested Max Height (in)	

Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.

