

Prepared for:
GABE FREZZO
LIQUID MEASUREMENT AND
CONTROLS INC
126 INDUSTRIAL PARKWAY
POTTSTOWN, PA 19464
Phone: 610-489-0900

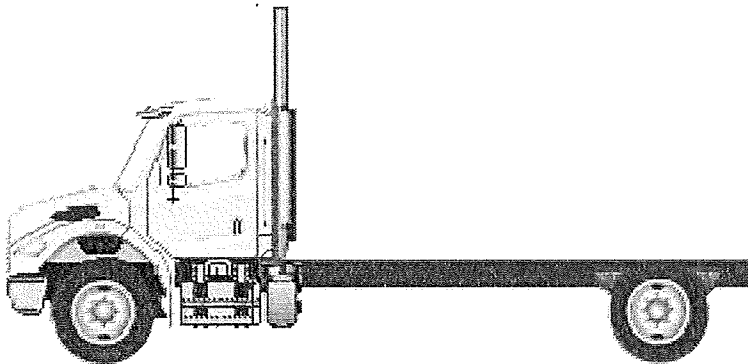
Prepared by:
Michael Clark
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2501 CAMINO DEL SOL
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Phone: 805-751-1823

A proposal for
LIQUID MEASUREMENT AND CONTROLS INC

Prepared by
VELOCITY TRUCK CENTERS
Michael Clark

Jan 24, 2024

Freightliner M2 106 Plus



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

Application Version 11.9.502
Data Version PRL-28M.025

* LMCI SOCK SPEC 8-DISC *



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SPECIFICATION PROPOSAL

Description	Weight Front	Weight Rear
Price Level		
Data Version		
Vehicle Configuration		
M2 106 PLUS CONVENTIONAL CHASSIS	5,709	3,450
2025 MODEL YEAR SPECIFIED		
SET BACK AXLE - TRUCK		
STRAIGHT TRUCK PROVISION, NON-TOWING		
LH PRIMARY STEERING LOCATION		
General Service		
TRUCK CONFIGURATION		
DOMICILED, USA 50 STATES (INCLUDING CALIFORNIA AND CARB OPT-IN STATES)		
CARB EMISSIONS CERTIFICATION NOT FOR INITIAL REGISTRATION IN CALIFORNIA AND CARB OPT-IN STATES -CARB CLEAN IDLE (6X4 INCH LABEL ON LOWER FORWARD DRIVER DOOR)		
DOMICILED PENNSYLVANIA		
PICKUP AND DELIVERY/SHORT HAUL SERVICE		
PETROLEUM BUSINESS SEGMENT		
LIQUID BULK COMMODITY		
TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS		
MAXIMUM 8% EXPECTED GRADE		
SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE		
MEDIUM TRUCK WARRANTY		
EXPECTED FRONT AXLE(S) LOAD : 12000.0 lbs		



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Description	Weight Front	Weight Rear
EXPECTED REAR DRIVE AXLE(S) LOAD : 21000.0 lbs		
EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 33000.0 lbs		
Truck Service		
TANK BODY		
EXPECTED EMPTY BODY WEIGHT : 7068.0 lbs		
EXPECTED TRUCK BODY LENGTH : 16.0 ft		
EXP EMPTY BODY CG LOC FROM BODY FRT(A89) : 7.0 ft		
DEALER STOCK TRUCK - UPFIT UNDETERMINED		
EXPECTED BODY/PAYLOAD CG HEIGHT ABOVE FRAME "XX" INCHES : 32.0 in		
Engine		
DD8 7.7L 6 CYL DUAL STAGE 350 HP @ 2200 RPM, 2600 GOV RPM, 1050 LB-FT @ 1200 RPM	450	30
Electronic Parameters		
74 MPH ROAD SPEED LIMIT		
CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT		
FLEET MANAGEMENT - DAILY ENGINE USAGE ENABLED		
PTO MODE ENGINE RPM LIMIT - 950 RPM		
PTO MODE THROTTLE OVERRIDE - LIMIT TO 1000 RPM		
PTO MODE BRAKE OVERRIDE - SERVICE BRAKE APPLIED		
PTO RPM CONTROL WITH STEERING WHEEL SWITCHES		
PTO RPM WITH CRUISE RESUME SWITCH - 950 RPM		
PTO MODE CANCEL VEHICLE SPEED - 5 MPH		
PTO MODE RPM INCREMENT - 100 RPM		
PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND		
FUEL DOSING OF AFTERTREATMENT ENABLED IN PTO MODE-CLEANS HYDROCARBONS AT HIGH TEMPERATURES ONLY		
ONE TEM PTO SPEED		
PTO SPEED 1 SETTING - 950 RPM		

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Description	Weight Front	Weight Rear
PTO MINIMUM RPM - 700		
REGEN INHIBIT SPEED THRESHOLD - 20 MPH		
ENABLE AUTO ENGINE RPM ELEVATE FOR EXTENDED IDLE		
PTO 1, DASH SWITCH, STATIONARY OPERATION		
ENGINE MOUNT PTO, DASH SWITCH ENGAGES PTO MODE, STATIONARY OPERATION		
Engine Equipment		
EPA 2010 GHG 2024/CARB 2024 ULTRALOW NOX CONFIGURATION		
STANDARD OIL PAN		
ENGINE MOUNTED OIL CHECK AND FILL		
SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER		
DR 12V 160 AMP 36-SI BRUSHLESS QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE	10	
(2) DTNA GENUINE, FLOODED STARTING, MIN 2000CCA, 370RC, THREADED STUD BATTERIES	10	
BATTERY BOX FRAME MOUNTED		
STANDARD BATTERY JUMPERS		
SINGLE BATTERY BOX FRAME MOUNTED LH SIDE UNDER CAB		
WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN		
NON-POLISHED BATTERY BOX COVER		
POSITIVE LOAD DISCONNECT WITH CAB MOUNTED CONTROL SWITCH MOUNTED OUTBOARD DRIVER SEAT	2	
POSITIVE AND NEGATIVE POSTS FOR JUMPSTART LOCATED ON FRAME NEXT TO STARTER	2	
PROGRESSIVE LOW VOLTAGE DISCONNECT AT 12.3 VOLTS FOR DESIGNATED CIRCUITS		
WABCO 20.0 CFM SINGLE CYLINDER AIR COMPRESSOR		
STANDARD MECHANICAL AIR COMPRESSOR GOVERNOR		
AIR COMPRESSOR DISCHARGE LINE		
ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM		

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Description	Weight Front	Weight Rear
DETROIT MD COMPRESSION BRAKE WITH ON/OFF SWITCH		
RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE	30	25
ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND VIRTUAL REGENERATION REQUEST SWITCH IN CLUSTER		
10 FOOT 06 INCH (126 INCH+0/-5.9 INCH) EXHAUST SYSTEM HEIGHT		
STANDARD CURVE BRIGHT UPPER STACK(S)		
RH CURVED VERTICAL TAILPIPE B-PILLAR MOUNTED ROUTED FROM STEP		
13 GALLON DIESEL EXHAUST FLUID TANK	35	10
100 PERCENT DIESEL EXHAUST FLUID FILL		
NON-POLISHED ALUMINUM DIAMOND PLATE DIESEL EXHAUST FLUID TANK COVER	15	5
LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION		
STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING		
STANDARD DIESEL EXHAUST FLUID TANK CAP		
STAINLESS STEEL AFTERTREATMENT DEVICE/MUFFLER/TAIPIPE SHIELD		
AIR POWERED ON/OFF ENGINE FAN CLUTCH		
AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED		
DETROIT ENGINE MOUNTED FUEL/WATER SEPARATOR WITH WATER-IN-FUEL SENSOR AND HAND PRIMER		
FULL FLOW OIL FILTER		
1100 SQUARE INCH ALUMINUM RADIATOR	70	
ANTIFREEZE TO -34F, ETHYLENE GLYCOL PRE- CHARGED SCA HEAVY DUTY COOLANT		
GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT		
CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES		
RADIATOR DRAIN VALVE		
LOWER RADIATOR GUARD		
PHILLIPS-TEMRO 750 WATT/115 VOLT BLOCK HEATER	4	

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Description	Weight Front	Weight Rear
PHILLIPS-TEMRO 150 WATT/125 VOLT OIL PREHEATER	4	
CHROME ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR		
ALUMINUM FLYWHEEL HOUSING		
DELCO 12V 31MT STARTER WITH INTEGRATED MAGNETIC SWITCH		

Transmission

ALLISON 3000 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION	200	60
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Transmission Equipment

ALLISON VOCATIONAL PACKAGE 223 -
AVAILABLE ON 3000/4000 PRODUCT FAMILIES
WITH VOCATIONAL MODELS RDS, HS, MH AND
TRV

ALLISON VOCATIONAL RATING FOR ON/OFF
HIGHWAY APPLICATIONS AVAILABLE WITH ALL
PRODUCT FAMILIES

PRIMARY MODE GEARS, LOWEST GEAR 1,
START GEAR 1, HIGHEST GEAR 6, AVAILABLE
FOR 3000/4000 PRODUCT FAMILIES ONLY

SECONDARY MODE GEARS, LOWEST GEAR 1,
START GEAR 1, HIGHEST GEAR 6, AVAILABLE
FOR 3000/4000 PRODUCT FAMILIES ONLY

PRIMARY SHIFT SCHEDULE RECOMMENDED BY
DTNA AND ALLISON, THIS DEFINED BY ENGINE
AND VOCATIONAL USAGE

SECONDARY SHIFT SCHEDULE
RECOMMENDED BY DTNA AND ALLISON, THIS
DEFINED BY ENGINE AND VOCATIONAL USAGE

PRIMARY SHIFT SPEED RECOMMENDED BY
DTNA AND ALLISON, THIS DEFINED BY ENGINE
AND VOCATIONAL USAGE

SECONDARY SHIFT SPEED RECOMMENDED BY
DTNA AND ALLISON, THIS DEFINED BY ENGINE
AND VOCATIONAL USAGE

ENGINE BRAKE RANGE PRESELECT
RECOMMENDED BY DTNA AND ALLISON, THIS
DEFINED BY ENGINE AND VOCATIONAL USAGE

ENGINE BRAKE RANGE ALTERNATE
PRESELECT RECOMMENDED BY DTNA AND
ALLISON, THIS DEFINED BY ENGINE AND
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FUEL SENSE 2.0 DISABLED - PERFORMANCE -
TABLE BASED



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Description	Weight Front	Weight Rear
DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES		
QUICKFIT BODY LIGHTING CONNECTOR AT END OF FRAME, WITH CAP		
ELECTRONIC TRANSMISSION WIRING TO CUSTOMER INTERFACE CONNECTOR		
CUSTOMER INSTALLED CHELSEA 280 SERIES PTO		
PTO MOUNTING, LH SIDE OF MAIN TRANSMISSION ALLISON		
MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN		
PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED		
TRANSMISSION PROGNOSTICS - ENABLED 2013		
WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK		
TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK		
SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)		

Front Axle and Equipment

DETROIT DA-F-12.0-3 12,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE	
MERITOR EX-L OPTIMIZED AXIAL AIR DISC FRONT BRAKES	10
NON-ASBESTOS FRONT BRAKE LINING	
FRONT DISC BRAKE ROTORS	
FRONT BRAKE DUST SHIELDS	5
FRONT OIL SEALS	
VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL	
STANDARD SPINDLE NUTS FOR ALL AXLES	
FRONT AIR DISC BRAKE INTERNAL ADJUSTERS	
TRW THP-60 POWER STEERING	
POWER STEERING PUMP	
2 QUART SEE THROUGH POWER STEERING RESERVOIR	
CURRENT AVAILABLE SYNTHETIC 75W-90 FRONT AXLE LUBE	

Front Suspension



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Description	Weight Front	Weight Rear
12,000# DUAL TAPERLEAF FRONT SUSPENSION	42	
MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION		
FRONT SHOCK ABSORBERS		

Rear Axle and Equipment

DETROIT DA-RS-21.0-4 21,000# R-SERIES SINGLE REAR AXLE		
5.56 REAR AXLE RATIO		
IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING		
MXL 176T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES	25	25
DRIVELINE NEEDS TO HAVE NO DSB'S		
DRIVER CONTROLLED TRACTION DIFFERENTIAL - SINGLE REAR AXLE		20
(1) DRIVER CONTROLLED DIFFERENTIAL LOCK REAR VALVE FOR SINGLE DRIVE AXLE		
INDICATOR LIGHT AND BUZZER FOR EACH DIFFERENTIAL LOCKOUT SWITCH, ENGAGE AT SPEEDS 5 MPH OR LESS, DISENGAGE W/IGN OFF		
MERITOR EX-L OPTIMIZED AXIAL AIR DISC REAR BRAKES		-40
NON-ASBESTOS REAR BRAKE LINING		
BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE AXLE(S)		
REAR DISC BRAKE ROTORS		
REAR BRAKE DUST SHIELDS		5
REAR OIL SEALS		
AIR DISC LONGSTROKE 1-DRIVE AXLE SPRING PARKING CHAMBERS		
REAR AIR DISC BRAKE INTERNAL ADJUSTERS		
CURRENT AVAILABLE SYNTHETIC 75W-90 REAR AXLE LUBE		

Rear Suspension

23,000# 52 INCH VARIABLE RATE MULTI-LEAF SPRING REAR SUSPENSION WITH LEAF SPRING HELPER	110
SPRING SUSPENSION - 1.50" AXLE SPACER	10
STANDARD AXLE SEATS IN AXLE CLAMP GROUP	

Pusher / Tag Equipment

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Description	Weight Front	Weight Rear
NO PUSHER/TAG BRAKE DUST SHIELDS		
Brake System		
AIR BRAKE PACKAGE		
WABCO 4S/4M ABS WITH TRACTION CONTROL		
REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES		
FIBER BRAID PARKING BRAKE HOSE		
STANDARD BRAKE SYSTEM VALVES		
STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM		
STD U.S. FRONT BRAKE VALVE		
RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE		
WABCO SYSTEM SAVER HP WITH INTEGRAL AIR GOVERNOR AND HEATER		
AIR DRYER MOUNTED UNDER HOOD		
ALUMINUM AIR BRAKE RESERVOIRS	-5	-5
PULL CABLE ON WET TANK, PETCOCK DRAIN VALVES ON ALL OTHER AIR TANKS		
QUICK DISCONNECT FITTING WITH TIRE INFLATION KIT	2	
Trailer Connections		
NO TRAILER AIR HOSE		
NO AIR HOSE HANGER		
NO TRAILER ELECTRICAL CABLE		
Wheelbase & Frame		
5175MM (204 INCH) WHEELBASE		
11/32X3-1/2X10-3/16 INCH STEEL FRAME (8.73MMX258.8MM/0.344X10.19 INCH) 120KSI	150	80
2025MM (80 INCH) REAR FRAME OVERHANG		
FRAME OVERHANG RANGE: 71 INCH TO 80 INCH	-20	90
CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 138.19 in		
CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 135.19 in		
CALC'D FRAME LENGTH - OVERALL : 312.83 in		
CALCULATED FRAME SPACE LH SIDE : 89.4 in		
CALCULATED FRAME SPACE RH SIDE : 104.72 in		

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Description	Weight Front	Weight Rear
SQUARE END OF FRAME		
FRONT CLOSING CROSSMEMBER		
STANDARD WEIGHT ENGINE CROSSMEMBER		
STANDARD CROSSMEMBER BACK OF TRANSMISSION		
STANDARD MIDSHIP #1 CROSSMEMBER (S), NO CROSSMEMBERS FROM 42 INCHES TO 78 INCHS BACK OF CAB		
STANDARD REARMOST CROSSMEMBER		
STANDARD SUSPENSION CROSSMEMBER		
Chassis Equipment		
THREE-PIECE 14 INCH CHROMED STEEL BUMPER WITH COLLAPSIBLE ENDS	30	
FRONT TOW HOOKS - FRAME MOUNTED	15	
SINGLE LICENSE PLATE BUMPER MOUNTING ON LH SIDE		
NO MUDFLAP BRACKETS		
NO REAR MUDFLAPS		
FENDER AND FRONT OF HOOD MOUNTED FRONT MUDFLAPS		
GRADE 8 THREADED HEX HEADED FRAME FASTENERS		
EXTERIOR HARNESES WRAPPED IN ABRASION TAPE		
TANK BODY 1501 TO 3000 GALLONS		
CLEAR FRAME RAILS FROM BACK OF CAB TO FRONT REAR SUSPENSION BRACKET, BOTH RAILS OUTBOARD		
ALSO INBOARD AND BELOW 40" TO 75" BOC		
Fifth Wheel		
NO FIFTH WHEEL		
Fuel Tanks		
50 GALLON/189 LITER RECTANGULAR ALUMINUM FUEL TANK - LH	10	
RECTANGULAR FUEL TANK(S)		
PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS		
FUEL TANK(S) FORWARD		
10 GALLONS ADDITIONAL FUEL		
UNPOLISHED STAINLESS STEEL STEP FINISH		

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	Description	Weight Front	Weight Rear
	FUEL TANK CAP(S)		
	DETROIT FUEL/WATER SEPARATOR WITH BYPASS AND 12 VOLT PREHEATER	-5	
	EQUIFLO INBOARD FUEL SYSTEM		
	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE		
	INSULATION FOR FUEL LINES	2	
Tires			
	CONTINENTAL HSR3 11R22.5 14 PLY RADIAL FRONT TIRES	70	
	CONTINENTAL HDR2+ 11R22.5 14 PLY RADIAL REAR TIRES		92
Hubs			
	CONMET PRESET PLUS PREMIUM ALUMINUM FRONT HUBS		
	CONMET PRESET PLUS PREMIUM ALUMINUM REAR HUBS		
Wheels			
	ALCOA ULA18X 22.5X8.25 10-HUB PILOT 5.81 INSET ALUMINUM DISC FRONT WHEELS	-62	
	ALCOA ULA18X 22.5X8.25 10-HUB PILOT ALUMINUM DISC REAR WHEELS		-124
	POLISHED DISC SIDE FRONT WHEELS WITH DURA-BRIGHT FINISH		
	POLISHED OUTER AND INNER (DISHED SIDES) REAR WHEELS WITH ALL DURA-BRIGHT FINISH		
	FRONT WHEEL MOUNTING NUTS		
	REAR WHEEL MOUNTING NUTS		
Cab Exterior			
	106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB		
	AIR CAB MOUNTING		
	NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE		
	LH AND RH GRAB HANDLES		
	HOOD MOUNTED CHROMED PLASTIC GRILLE		
	CHROME HOOD MOUNTED AIR INTAKE GRILLE		
	FIBERGLASS HOOD		
	HOOD LINER INSULATION WITH SINGLE FIREWALL INSULATION		

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Description	Weight Front	Weight Rear
SINGLE 14 INCH ROUND HADLEY AIR HORN UNDER LH DECK	4	
DUAL ELECTRIC HORNS		
SINGLE HORN SHIELD		
REAR LICENSE PLATE MOUNT END OF FRAME		
INTEGRAL HEADLIGHT/MARKER ASSEMBLY WITH CHROME BEZEL		
LED AERODYNAMIC MARKER LIGHTS		
HEADLIGHTS ON WITH WIPERS, NO DAYTIME RUNNING LIGHTS		
OMIT STOP/TAIL/BACKUP LIGHTS AND PROVIDE WIRING WITH SEPARATE STOP/TURN WIRES TO 4 FEET BEYOND END OF FRAME		-5
STANDARD FRONT TURN SIGNAL LAMPS		
DUAL WEST COAST MOLDED-IN COLOR HEATED MIRRORS WITH LH AND RH REMOTE		
DOOR MOUNTED MIRRORS		
102 INCH EQUIPMENT WIDTH		
LH AND RH 8 INCH MOLDED-IN COLOR CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS		
STANDARD SIDE/REAR REFLECTORS		
RH AFTERTREATMENT SYSTEM CAB ACCESS WITH PLAIN DIAMOND PLATE COVER		
PARK BRAKE REMINDER WARNING SYSTEM		
COMPOSITE EXTERIOR SUN VISOR	10	
63X14 INCH TINTED REAR WINDOW		
TINTED DOOR GLASS LH AND RH WITH TINTED NON-OPERATING WING WINDOWS		
RH AND LH ELECTRIC POWERED WINDOWS		
1-PIECE ROPED-IN SOLAR GREEN GLASS WINDSHIELD		
8 LITER (2 GAL) WINDSHIELD WASHER RESERVOIR, CAB MOUNTED, WITHOUT FLUID LEVEL INDICATOR		
WHITE WINTERFRONT	2	

Cab Interior

ELITE TRIM PACKAGE
MIST CLOTH & CARBON VINYL INTERIOR
"ELITE"
CARBON WITH PREMIUM WOOD ACCENT
(ELITE)



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Description	Weight Front	Weight Rear
MOLDED PLASTIC DOOR PANEL		
MOLDED PLASTIC DOOR PANEL		
BLACK MATS WITH SINGLE INSULATION		
(1)DASH MOUNTED 12V POWER OUTLET, (1)DASH MOUNTED DUAL USB-C OUTLET		
FORWARD ROOF MOUNTED CONSOLE		
CENTER STORAGE CONSOLE MOUNTED ON BACKWALL	20	
LH AND RH DOOR STORAGE POCKETS INTEGRATED INTO MOLDED DOOR PANELS		
DIGITAL ALARM CLOCK IN DRIVER DISPLAY		
(2) CUP HOLDERS LH AND RH DASH		
M2/SD DASH		
5 LB. FIRE EXTINGUISHER	10	
HEATER, DEFROSTER AND AIR CONDITIONER		
STANDARD HVAC DUCTING WITH SNOW SHIELD FOR FRESH AIR INTAKE		
MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH		
STANDARD HEATER PLUMBING		
VALEO HEAVY DUTY A/C REFRIGERANT COMPRESSOR		
BINARY CONTROL, R-134A		
PREMIUM INSULATION		
SOLID-STATE CIRCUIT PROTECTION AND FUSES		
12V NEGATIVE GROUND ELECTRICAL SYSTEM		
STANDARD LED CAB LIGHTING		
NO SECURITY DEVICE		
DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME		
KEY QUANTITY OF 4		
LH AND RH ELECTRIC DOOR LOCKS		
PREMIUM ISRINGHAUSEN HIGH BACK AIR SUSPENSION DRIVERS SEAT WITH 2 AIR LUMBAR, INTEGRATED CUSHION EXTENSION, TILT AND ADJUSTABLE SHOCK	70	
BASIC ISRI HIGH BACK NON SUSPENSION PASSENGER SEAT		
DUAL DRIVER SEAT ARMRESTS, NO PASSENGER SEAT ARMRESTS	4	
LH AND RH INTEGRAL DOOR PANEL ARMRESTS		

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Description	Weight Front	Weight Rear
BLACK VINYL DRIVER SEAT COVER		
BLACK VINYL PASSENGER SEAT COVER		
BLACK SEAT BELTS		
ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN		
4-SPOKE 18 INCH (450MM) LEATHER WRAPPED STEERING WHEEL WITH CHROME SWITCH BEZELS		
DRIVER AND PASSENGER INTERIOR SUN VISORS		
Instruments & Controls		
ELECTRONIC ACCELERATOR CONTROL		
CONFIGURABLE LOWER PANEL WITH INTEGRATED UPPER STORAGE		
BRIGHT ARGENT FINISH GAUGE BEZELS		
LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM		
DUAL NEEDLE PRIMARY AND SECONDARY AIR PRESSURE GAUGE		
ELECTRONIC AIR RESTRICTION INDICATOR DISPLAYED IN DRIVER DISPLAY		
97 DB BACKUP ALARM		3
ELECTRONIC CRUISE CONTROL WITH CONTROLS ON STEERING WHEEL SPOKES		
KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY		
MANUAL REMOTE ENGINE STOP/START WITH PTO RE-ENGAGE		
PREMIUM INSTRUMENT CLUSTER WITH 5.0 INCH TFT COLOR DISPLAY		
DIGITAL PANEL LAMP DIMMER SWITCH IN DRIVER DISPLAY		
HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH		
2 INCH ELECTRIC FUEL GAUGE		
ENGINE REMOTE INTERFACE FOR REMOTE THROTTLE		
QUICKFIT POWERTRAIN INTERFACE CONNECTOR UNDER CAB WITH CAPS		
NO ADDITIONAL EXTRA SWITCH ACCUATORS		

Prepared for:
 GABE FREZZO
 LIQUID MEASUREMENT AND
 CONTROLS INC
 126 INDUSTRIAL PARKWAY
 POTTSTOWN, PA 19464
 Phone: 610-489-0900

Prepared by:
 Michael Clark
 VELOCITY TRUCK CENTERS
 2501 CAMINO DEL SOL
 OXNARD, CA 93030
 Phone: 805-751-1823

Description	Weight Front	Weight Rear
QUICKFIT PROGRAMMABLE INTERFACE CONNECTOR(S) UNDER CAB WITH CAP		
ENGINE REMOTE INTERFACE CONNECTOR AT POWERTRAIN INTERFACE CONNECTOR		
DIGITAL SINGLE REAR AXLE TEMPERATURE IN DRIVER DISPLAY WITH SENSOR SHIELD		
ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE		
DIGITAL ENGINE OIL TEMPERATURE IN DRIVER DISPLAY		
DIGITAL TRANSMISSION OIL TEMPERATURE IN DRIVER DISPLAY		
ELECTRONIC OUTSIDE TEMPERATURE SENSOR DISPLAY IN DRIVER MESSAGE CENTER		
ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY		
PTO CONTROLS FOR ENHANCED VEHICLE ELECTRIC/ELECTRONIC ARCHITECTURE		
NO OBSTACLE DETECTION SYSTEM		
NO DR ASSIST SYSTEM		
ELECTRONIC STABILITY CONTROL, 4X2 W/SAFETY MIN BODY WEIGHT EXCEEDS 4,000LBS REQ		
NO LANE DEPARTURE WARNING SYSTEM		
ELECTRIC ENGINE OIL PRESSURE GAUGE		
QUICKFIT PROGRAMMABLE INTERFACE MODULE	10	
AM/FM/WB WORLD TUNER RADIO WITH BLUETOOTH, USB AND AUXILIARY INPUTS, J1939		
DASH MOUNTED RADIO		
(2) RADIO SPEAKERS IN CAB		
AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF		
STANDARD RADIO WIRING WITH STEERING WHEEL CONTROLS		
ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER		
STANDARD VEHICLE SPEED SENSOR		
ELECTRONIC 3000 RPM TACHOMETER		
DETROIT CONNECT PLATFORM HARDWARE		

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Description	Weight Front	Weight Rear
3 YEARS DETROIT CONNECT BASE PACKAGE (FEATURES VARY BY MODEL) DETROIT CONNECT PLATFORM		
TMC RP1226 ACCESSORY CONNECTOR LOCATED BEHIND PASSENGER SIDE REMOVEABLE DASH PANEL		
IGNITION SWITCH CONTROLLED ENGINE STOP		
FOUR EXTRA HARDWIRED SWITCHES IN DASH, ROUTE TO UNDER CAB, BLUNTCUT		
HARDWIRE SWITCH #1, ON/OFF LATCHING, 10 AMPS BATTERY POWER		
HARDWIRE SWITCH #2, ON/OFF LATCHING, 10 AMPS BATTERY POWER		
HARDWIRE SWITCH #3, ON/OFF MOMENTARY, 20 AMPS BATTERY POWER		
HARDWIRE SWITCH #4, ON/OFF LATCHING, 20 AMPS BATTERY POWER		
PRE-TRIP INSPECTION FEATURE FOR EXTERIOR LAMPS AND SERVICE BRAKES		
(1) OVERHEAD MOUNTED LANYARD CONTROL FOR DRIVER AIR HORN		
REAR SPRING LOADED HAND CONTROL BRAKE VALVE	2	
DIGITAL TURBO AIR PRESSURE IN DRIVER DISPLAY		
DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY		
SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY AND ARCTIC TYPE BLADES		
ROTARY HEADLAMP SWITCH, MARKER LIGHTS/HEADLIGHTS SWITCH WITH PULL OUT FOR OPTIONAL FOG/ROAD LAMPS		
ONE VALVE PARKING BRAKE SYSTEM WITH DASH VALVE CONTROL AUTONEUTRAL AND WARNING INDICATOR		
SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, HEADLAMP FLASH, WASH/WIPE/INTERMITTENT		
INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH 40 AMP (20 AMP PER SIDE) TRAILER LAMP CAPACITY		

Design

PAINT: ONE SOLID COLOR

Color



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Description	Weight Front	Weight Rear
CAB COLOR A: L0006EY WHITE ELITE EY		
BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT		
SUNVISOR PAINTED SAME AS CAB COLOR A		
NO CAB/BODY EXTERIOR DECALS		
STANDARD E COAT/UNDERCOATING		

Certification / Compliance

U.S. FMVSS CERTIFICATION

Secondary Factory Options

TOTAL VEHICLE SUMMARY

Weight Summary

	Weight Front	Weight Rear	Total Weight
Factory Weight ⁺	6942 lbs	3841 lbs	10783 lbs
Total Weight ⁺	6942 lbs	3841 lbs	10783 lbs

Extended Warranty

TOWING: 2 YEARS/UNLIMITED MILES/KM EXTENDED TOWING
COVERAGE \$750 CAP FEX APPLIES

(+) 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.

