

Penske Location - SAINT LOUIS - 7TH STREET Location Address - 2210 SOUTH 7TH ST, SAINT LOUIS, MO - 63104

MAKE FREIGHTLINER **BBC** 116.0 MODEL New Cascadia 116 GVW 0.00008 WEIGHT YEAR 2022 15714.0

**TYPE TADCNB** 

#### **AERODYNAMICS**

- NO FUEL EFFICIENCY / AERODYNAMIC **PACKAGE**
- 12" EXTENDERS WITH BLACK FLEXIBLE ENDS
- NO CHASSIS SIDE FAIRINGS PAINT
- NO FORWARD CHASSIS FAIRING SUPPORT
- NO FRAME SIDE FAIRINGS
- NO AERODYNAMIC SKIRT FOR CHASSIS **FAIRINGS**
- NEW CASCADIA NAMEPLATE
- ROOF DEFLECTOR FOR DAY CAB FACTORY PAINTED AND INSTALLED ADJUSTABLE AERODYNAMIC DEFLECTOR
- AERODYNAMIC ROOF DEVICE PAINTED SAME AS CAB COLOR A

#### **BASE SPEC**

- \_ NEW CASCADIA 116" DAY CAB CONVENTIONAL **CHASSIS**
- SET BACK AXLE TRACTOR

#### BRAKES

- BENDIX AD-9SI AIR DRYER WITH HEATER
- AIR DRYER FRAME MOUNTED
- OIL COALESCING FILTER FOR AIR DRYER
- STEEL RESERVOIRS
- DV-2 AUTO DRAIN VALVE WITH HEATER ON WET TANK, DV-2 AUTO DRAIN VALVE WITH OUT HEATER ON ALL OTHER TANKS
- 4S/4M ABS WITH HILL START AID AND AUTOMATIC TRACTION CONTROL WITH ATC SHUT OFF SWITCH
- NO AUXILIARY AIR TANK
- STANDARD BRAKE CHAMBER LOCATION
- REINFORCED NYLON FABRIC BRAID AND WIRE **BRAID CHASSIS AIR LINES**
- FIBER BRAID PARKING BRAKE HOSE
- BENDIX BRAKE VALVES WHERE POSSIBLE
- NO EXTERNAL CHARGING GLADHAND
- NO PLUMBING FOR AIR TO END OF FRAME
- FRONT AIR DISC BRAKE INTERNAL **ADJUSTERS**
- AIR DISC LONG STROKE FRONT BRAKE **CHAMBERS**
- FRONT DISC BRAKE ROTORS
- FRONT BRAKE DUST SHIFLDS
- FRONT BRAKE MATERIAL 2011-FMVSS 121
- STD U.S. FRONT BRAKE VALVE

- MAXXUS AXIAL AIR DISC FRONT BRAKES
- COMBINATION DUMMY GLAD HANDS AND LIGHT PLUG HOLDER MOUNTED LH BACK OF CAB WITH GROUND ACCESS
- REAR AIR DISC BRAKE INTERNAL ADJUSTERS
- AIR DISC LONGSTROKE 2 DRIVE AXLES SPRING PARKING CHAMBERS
- REAR DISC BRAKE ROTORS
- REAR BRAKE DUST SHIELDS
- 2011-FMVSS 121 REAR BRAKE LININGS
- (1) RELAY VALVE WITH 5-8 PSI CRACK
- PRESSURE NO REAR PROPORTIONING VALVE - MAXXUS AXIAL AIR DISC REAR BRAKES
- NO TAG/PUSHER BRAKES
- TRACTOR PROTECTION VALVE
- INVERTED "L" HOSE HANGER MOUNTED LH BACK OF CAB WITH 20.5 INCH HEAVY DUTY SPRING WITH CABLE CLAMP HOLDER FOR USE WITH 3-IN-1 TRAILER CABLE ASSEMBLY
- GLAD HANDS ONLY FOR 3-IN-1 PRIMARY TRAILER CABLE WITH POLYURETHANE SEALS
- TRAILER BRAKE HAND CONTROL VALVE

## **CAB EXTERIOR**

- (1) AIR HORN UNDER LH DECK
- A/C COMPRESSOR HEAVY DUTY AIR CONDITIONER COMPRESSOR
- INTERIOR GRAB HANDLES WITH ADDED LOWER LH AND RH A PILLAR GRAB HANDLES
- RH AFTERTREATMENT SYSTEM CAB ACCESS WITH PLAIN DIAMOND PLATE COVER
- NO CAB GUARD
- AIR CAB MOUNTS
- Single NON METALLIC or NON PEARL Color
- (2) 28" X 22" SOLAR TINTED REAR WINDOWS
- SINGLE LH CB ANTENNA DAY CAB
- NO DIGITAL SATELLITE AUDIO RECEIVER **ANTENNA**
- SINGLE ELECTRIC HORN
- NO EXTERIOR VISOR
- NO EXTERIOR SUNVISOR PAINT
- **HEATER PLUMBING STANDARD HEATER PLUMBING**
- CHROME GRILLE WITH INTEGRAL SURROUND
- RH AND LH HEATED BLACK HOOD/FENDER MOUNTED MIRRORS
- DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME
- KEY QUANTITY OF 4



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YEAR	2022	WEIGHT	15714.0			
TYPE	TADCNB					

- NO SECURITY DEVICE
- NO RH DOWN VIEW MIRROR
- SHARKFIN MULTI-BAND ANTENNA: AM/FM/WEATHERBAND, WIFI/BLUETOOTH, SDAR/SIRIUSXM, GNSS/GPS
- NO PERMIT PLAQUE
- \_ MIRRORS DUAL BLACK HEATED AERODYNAMIC MIRRORS WITH INTEGRAL CONVEX LH AND RH REMOTE
- NO AM/FM RADIO ANTENNA
- 116" BBC ALUMINUM CONVENTIONAL CAB
- NO UNDER CAB VANITY PANELS DESIRED
- 1-PIECE TINTED ROPED-IN WINDSHIELD
- WINDSHIELD WASHER RESERVOIR 8 LITER WITHOUT FLUID LEVEL INDICATOR
- SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY
- SOLAR TINTED DOOR GLASS LH AND RH WITH TINTED FORWARD SIDE GLASS
- WHITE WINTERFRONT
- PAINT: ONE SOLID COLOR
- DOOR MOUNTED MIRRORS
- NON-REMOVABLE BUG SCREEN MOUNTED BEHIND GRILLE
- HVAC DUCTING WITH MAIN FRESH AIR FILTER
- INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH 40 AMP (20 AMP PER SIDE) TRAILER LAMP CAPACITY
- AERODYNAMIC HOOD
- LH CAB DOOR(S) WITH 70 DEGREE DOOR STOP
- RH CAB DOOR(S) WITH 70 DEGREE DOOR **STOP**

# **CAB INTERIOR**

- (0) NO ADDITIONAL SWITCH
- NO STEERING WHEEL AIR BAG
- SUPPLEMENTAL RESTRAINT SYSTEM (2) DASH MOUNTED POWER OUTLETS AND COIN TRAY
- NO AXLE TEMPERATURE GAUGE
- NO TURBO AIR PRESSURE GAUGE
- (0) NO AIR APPLICATION GAUGE
- HEATER, DEFROSTER AND AIR CONDITIONER WITH CONSTANT OUTLET TEMPERATURE CONTROL
- NO AUXILIARY HVAC UNIT
- BLACK FLOOR COVERING
- STANDARD INSULATION

- CB RADIO POWER AND GROUND WIRING PROVISION - Provides Power and Ground Wires Routed to Center Overhead
- ROOF OVERHEAD CONSOLE CB RADIO PROVISION WITH FACE PLATE
- NO REAR FLOOR STORAGE
- ELECTRONIC CRUISE CONTROL WITH INTELLIGENT POWERTRAIN MANAGEMENT STEERING WHEEL MOUNTED
- NO THERMOS HOLDER
- WING DASH WITH E-VAULT
- DIAGNOSTIC INTERFACE CONNECTOR -HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH
- DIGITAL ALARM CLOCK IN DRIVER DISPLAY
- LH AND RH ELECTRIC DOOR LOCKS
- ELECTRIC POWERED WINDOWS
- **DUAL DRIVER SEAT ARMRESTS NO** PASSENGER SEAT ARMREST(S)
- STANDARD CENTER INSTRUMENT PANEL
- MESSAGE CENTER PREMIUM INSTRUMENT CLUSTER WITH 5.0 INCH TFT COLOR DISPLAY
- DRIVER SEAT BASIC 2.0 HIGH BACK AIR SUSPENSION SEAT W/1 AIR LUMBAR INTEGRATED CUSHION EXTENSION & TILT
- MORDURA CLOTH SEAT COVER
- NO SEAT SUSPENSION COVER(S)
- 5 lb FIRE EXTINGUISHER
- FUEL FILTER RESTRICTION INDICATOR GAUGE
- BLACK GAUGE BEZELS
- ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT **ODOMETER**
- NO INTERIOR CONVENIENCE PACKAGE DESIRED
- BLACK DOOR HANDLES
- STANDARD | FD CAB | IGHTING
- SLATE GRAY WITH TECH HARD TRIM
- SLATE GRAY BASE LEVEL INTERIOR
- DRIVER AND PASSENGER INTERIOR SUN VISORS WITH DEF LABEL ON LH VISOR
- STANDARD LH DOOR TRIM
- KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION - 4 POSITION OFF/RUN/START/ACCESSORY
- AUTOMATIC WIPERS/HEADLAMPS,
- INTELLIGENT HIGH-BEAM
- FORWARD ROOF MOUNTED CONSOLE WITH DOORS RH AND LH



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- NO OVERHEAD INSTRUMENT PANEL
- \_ EMERGENCY WARNING Electric horn warning system when park brake is not set and door opens.

**TADCNB** 

- TWO VALVE PARKING BRAKE SYSTEM WITH DASH VALVE CONTROL AUTONEUTRAL AND WARNING INDICATOR
- PASSENGER SEAT BATTERY BOX MID BACK NON SUSPENSION
- MORDURA CLOTH PASSENGER SEAT COVER
- NO AC 120V CAB WIRING AND AC OUTLET (No Factory Installed Inverter or Shore Power)
- PRE-TRIP INSPECTION FEATURE FOR EXTERIOR LAMPS ONLY
- RADIO AM/FM/WB WORLD TUNER RADIO WITH BLUETOOTH AND USB AND AUXILIARY **INPUTS AND J1939**
- STANDARD SPEAKER SYSTEM
- STANDARD RH DOOR TRIM
- 3-POINT ADJUSTABLE D-RING RETRACTOR DRIVER AND FIXED D-RING RETRACTOR PASSENGER SEAT BELTS
- STEERING COLUMN ADJUSTABLE TILT AND **TELESCOPING**
- LH PRIMARY STEERING LOCATION
- STEERING WHEEL 18" 4 SPOKE, BLACK WITH CHROME SWITCH BEZELS
- STEERING WHEEL MOUNTED ELECTRIC HORN CONTROL
- SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, HEADLAMP FLASH, WASH/WIPE/INTERMITTENT
- DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY
- 2" ELECTRIC FUEL GAUGE
- ELECTRIC ENGINE OIL PRESSURE GAUGE
- **ELECTRICAL ENGINE COOLANT** TEMPERATURE GAUGE
- LOW AIR PRESSURE INDICATOR LIGHT AND **AUDIBLE ALARM**
- MAIN HVAC CONTROLS WITH RECIRCULATION
- ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY
- PROGRESSIVE LOW VOLTAGE DISCONNECT AT 12.3 VOLTS FOR DESIGNATED CIRCUITS WITH ALARM
- LH AND RH DOOR STORAGE POCKETS INTEGRATED INTO MOLDED DOOR PANELS
- COAT HOOKS IN CAB
- DASH MOUNTED RADIO
- STANDARD VEHICLE SPEED SENSOR
- **ELECTRONIC OUTSIDE TEMPERATURE** SENSOR DISPLAY IN DRIVER MESSAGE **CENTER**

- ELECTRONIC TACHOMETER 2500 RPM
- DIGITAL ENGINE OIL TEMPERATURE IN DRIVER DISPLAY
- DIGITAL PANEL LAMP DIMMER SWITCH IN DRIVER DISPLAY
- DUAL NEEDLE PRIMARY AND SECONDARY AIR PRESSURE GAUGE

#### **ENGINE**

DD13 - 12.8L - 410 HP @ 1625 RPM - 1450 lb/ft TORQUE @ 975 RPM

### **ENGINE EQUIPMENT**

- A/C PLUMBING R-134A REFRIGERANT
- AIR COMPRESSOR 19.0 CFM BENDIX BA-921 SINGLE CYLINDER AIR COMPRESSOR WITH SAFETY VALVE
- STANDARD MECHANICAL AIR COMPRESSOR **GOVERNOR**
- DUAL SIDE OF HOOD INTAKE WITH ENGINE MOUNTED AIR CLEANER
- BLACK HOOD MOUNTED AIR INTAKE GRILLE
- AIR CLEANER RESTRICTION GAUGE, LED INDICATION
- 215 AMP 38SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY **VOLTAGE SENSE**
- NO AUXILIARY BATTERY BOX
- (4) AGM ODYSSEY PERFORMANCE (VENTED) 12 VOLT 3700 CCA THREADED STUD
- BATTERY BOX PASSENGER SEAT, VENTED TO OUTSIDE OF CAB
- PLASTIC BATTERY BOX COVER
- SINGLE BOX MOUNTED UNDER PASSENGER SFAT
- POSITIVE LOAD DISCONNECT WITH CAB MOUNTED CONTROL SWITCH MOUNTED **OUTBOARD DRIVER SEAT**
- 1500 WATT BLOCK HEATER WITH THERMOSTAT - 115 VOLT
- BLACK PLASTIC RECEPTACLE MOUNTED UNDER LH DOOR
- HD AUTOMATED MANUAL CLUTCH
- NO CLUTCH RELEASE BEARING LUBE
- NO CLUTCH BRAKE
- COLD WEATHER PACKAGE
- NO COOLANT FILTER
- 13 GALLON DEF TANK
- STANDARD DIESEL EXHAUST FLUID TANK CAP
- NON POLISHED ALUMINUM TANK COVER
- \_ FILL DEF TANK TO 100% OF CAPACITY FACTORY INITIAL DIESEL EXHAUST FLUID FILL



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TYPE **TADCNB** 

- AIR COMPRESSOR DISCHARGE LINE
- CERTIFIED CLEAN IDLE 2008 CARB EMISSION CERTIFICATION LABEL - 6" X 4" OVAL LOCATED LOWER LEFT HAND SIDE OF DRIVER DOOR
- JACOBS COMPRESSION BRAKE
- ANTIFREEZE PROTECTION TO -34F, OAT (NITRITE & SILICATE FREE) EXTENDED LIFE
- BLUE STRIPE COOLANT HOSES
- ENGINE FAN DRIVE AIR POWERED ON/OFF ENGINE FAN CLUTCH
- \_ FAN CONTROL AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH - NON ENGINE
- NO ENGINE OIL DRAIN/SAMPLE
- NO COOLANT HEATER GAS / DIESEL
- **ELECTRONIC ENGINE INTEGRAL SHUTDOWN** PROTECTION SYSTEM
- IDLE LIMITER ELECTRONIC ENGINE Parking **Brake Activated**
- PROGRAMMABLE RPM CONTROL EMISSIONS LIMITED IDLE ADJUST
- ENGINE AFTERTREATMENT DEVICE AUTOMATIC OVER THE ROAD REGENERATION AND VIRTUAL REGENERATION REQUEST SWITCH IN CLUSTER
- NO MUFFLER/TAILPIPE SHIELD
- RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH HORIZONTAL TAILPIPE
- STANDARD EXHAUST LENGTH
- RH STANDARD HORIZONTAL TAILPIPE
- NO EXHAUST BRIGHTWORK
- POSITIVE AND NEGATIVE POSTS FOR JUMPSTART LOCATED ON FRAME NEXT TO STARTER
- ENGINE OIL FILTER FULL FLOW OIL FILTER
- OIL PAN HEATER 115 VOLT 300 WATT OIL **PREHEATER**
- LOWER RADIATOR GUARD
- 1400 SQ.IN. ALUMINUM RADIATOR FUEL **ECONOMY**
- HDEP VARIABLE SPEED COOLANT PUMP W/COOLANT FILL/EVAC QUICK CONNECT ON
- STARTER 39MT+ 12 VOLT MOD3.175 OCP STARTER WITH ENGINE ECU THERMO PROTECTION AND INTEGRATED MAGNETIC **SWITCH**
- ONE PIECE VALVE COVER
- ENGINE MOUNTED OIL CHECK AND FILL

- ALUMINUM FLYWHEEL HOUSING
- POWERGRIP SHRINK BAND HOSE CLAMPS FOR ALL COOLANT HOSES
- 12V NEGATIVE GROUND ELECTRICAL SYSTEM
- RADIATOR MOUNTED AIR CONDITIONER CONDENSER
- WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RFTURN
- NO OIL LEVEL REGULATOR/RESERVOIR
- PENSKE ELECTRIC PROTECTIVE COATING, TRUCKLITE SPRAY AND RED ENAMEL PAINT

#### **ENGINE PARAMETERS**

- NO ACCELERATION MANAGEMENT
- NO ALTERNATE RSL
- NO SOFT CRUISE CONTROL
- CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT, WITH AUTO RESUME AFTER SHIFT
- NO REGEN INHIBIT SPEED THRESHOLD
- DRIVELINE TORQUE PROTECTION ENABLED
- FLEET MANAGEMENT DAILY ENGINE USAGE **ENABLED**
- NO PROGRESSIVE SHIFTING
- **ENABLE CHECK ENGINE LIGHT AT 75 MPH** VEHICLE SPEED
- NO ENGINE FAN WITH RETARDER
- ENGINE BRAKE WITH GLOBAL CRUISE CONTROL ENABLED
- NO TEMPERATURE OVERRIDE
- 5 MINUTE IDLE SHUTDOWN WITHOUT CLUTCH AND SERVICE BRAKE OVERRIDE
- NO REDUCED ENGINE SPEED ON VSS **FAILURE**
- NO DRIVER FUEL ECONOMY INCENTIVE
- NO LOW RANGE TORQUE PROTECT
- NO MAINTENANCE MONITOR
- NO RANDOMIZED PASSWORD
- PTO MODE BRAKE OVERRIDE DISABLED
- NO PTO MODE CANCEL VEHICLE SPEED
- NO PTO MODE CLUTCH OVERRIDE
- NO PTO MODE COOLING FAN
- NO PTO MODE RPM INCREMENT
- ENABLE REGENERATION IN PTO MODE
- NO PTO MODE ENGINE RPM LIMIT
- NO PTO MINIMUM RPM



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TYPE TADCNB

- NO PTO GOVERNOR RAMP RATE
- PTO MODE THROTTLE OVERRIDE DISABLED
- NO PTO RPM WITH CRUISE RESUME SWITCH
- NO PTO RPM WITH CRUISE SET SWITCH
- NO PTO SHUTDOWN CONFIGURATION
- NO REAR PTO TRANSMISSION RANGE
- NO FTL RANDOM GENERATED PASSWORD
- ENABLE DPF REGEN ZONE 1
- REMOTE PTO DISABLED
- NO REMOTE PTO SPEED 1 SETTING
- NO REMOTE PTO SPEED 2 SETTING
- NO REMOTE PTO SPEED 3 SETTING
- 70 MPH ROAD SPEED
- PENSKE SPEC FOR IDLE SHUTDOWN OVERRIDE

#### FRAME / WHEEL BASE

- INITIAL APPLICATION OF KROWN KL-73 ANTI-CORROSION SPRAY ON UNDERSIDE OF CHASSIS - Freightliner PDI
- LH BACK OF CAB ACCESS
- HUCK-SPIN ROUND COLLAR CHASSIS FASTENERS
- CHASSIS PAINT BLACK HIGH SOLIDS POLYURETHANE
- NO CLEAR FRAME OPTION
- LIGHTWEIGHT HEAVY DUTY ALUMINUM
- ENGINE CROSSMEMBER
- FRONT CLOSING CROSSMEMBER
- STANDARD MIDSHIP #1 CROSSMEMBER(S)
- HEAVY DUTY SUSPENSION CROSSMEMBER
- 35" DECK PLATE FLUSH MOUNTED BETWEEN RAILS
- FLANGE TAPERED END OF FRAME
- JOST JSK37 SERIES 16.0" AIR SLIDE FIFTH WHEEL - 2 INCH SLIDE INCREMENTS
- DASH MOUNTED CONTROL VALVE AND PLUMBING FOR FIFTH WHEEL
- NO ADDITIONAL 5TH WHEEL DRILLINGS
- MAXIMUM FORWARD SETTING 16" AHEAD OF SUSPENSION CENTERLINE
- FIFTH WHEEL LEG HEIGHT 06.75"
- 47.60" FIFTH WHEEL MAX UNLADEN HEIGHT
- 47.10" FIFTH WHEEL UNLADEN HEIGHT
- Standard Penske Rental fifth wheel leg height range.

- 46.60" FIFTH WHEEL MIN UNLADEN HEIGHT
- \_ FIFTH WHEEL MOUNTING OUTBOARD ANGLE FIFTH WHEEL MOUNTING
- BRAIDED 5TH WHEEL GROUND STRAP MOUNTED RIGHT SIDE
- NO FIFTH WHEEL RAMP
- \_ LEFT SIDE FIFTH WHEEL RELEASE -HOLLAND/JOST
- NO FORWARD 5TH WHEEL SLIDE STOP(S)
- FIFTH WHEEL WIRING FOR AIR CONTROLS
- \_ 8.0MM X 88.0MM X 281.0MM STEEL FRAME 120 KSI
- Frame Weight for wheel bases 161" 170"
- AERODYNAMIC DARK GRAY BUMPER WITH CHROME OVERLAY
- BUMPER PAINT NO BUMPER PAINT
- BUMPER MOUNTING FOR 3 LICENSE PLATES
- REMOVABLE FRONT HOOKS STORED ON CHASSIS FRAME TOW LOOP
- NO INNER FRAME REINFORCEMENT
- FRONT ANTI-SPRAY CAB MOUNTED MUDFLAPS
- NO OPTIONAL CHASSIS AIR SYSTEM PIPING VAVLES OR AIR UNLOADER SYSTEM
- OAL 268" And Less
- PLASTIC QUARTER FENDERS WITHOUT LOGO
- TRACTOR C-CHANNEL CROSSMEMBER WITH 3.5 INCH KINGPIN CLEARANCE
- 57" REAR FRAME OVERHANG
- FRAME OVERHANG RANGE: 51" TO 60"
- REAR LICENSE PLATE MOUNT AT END OF FRAME
- MUD FLAP BRACKETS MITERED SPRING LOADED
- REAR MUD FLAPS BLACK NO LOGO
- TIRE CHAIN HANGER (0) NO TIRE CHAIN HANGER
- TOOL BOX (0) NO TOOL/STORAGE BOX #1
- NO TOOL/STORAGE BOX #1 MOUNTING LOCATION
- TOOL BOX NO TOOL/STORAGE BOX #2
- NO TOOL/STORAGE BOX #2 MOUNTING LOCATION
- 168" WHEELBASE
- UNDER OR OVERSLUNG CROSSMEMBER
- NO CENTER STEP RECESSED IN BUMPER
- DEDICATED PATHWAY, HIGH COMPLEXITY ROUTING AND CLIPPING

FRAME SPACE MEASUREMENTS



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TYPE	TADCNB					

- Cascadia 116 Day Cab is 116.0"
- No additional frame space required for air tank mounting.
- +27.00" of Available Frame Space Rear of Fuel Tank on the Left Side
- +08.00" of Available Frame Space Rear of Fuel Tank on the Right Side
- Center of Rear Axle to Front of Rear Suspension is 057.0
- Front of LH Fuel Tank is 47.6" from center of Front Axle
- Front of RH Fuel Tank is 75.5" from center of Front Axle
- No left side back of cab access OR No additional frame space required for left side back of cab
- No LH Clear Rrame used in LH Frame Space Calculation.
- Left Side Fuel Tank Length 39.5"
- \_ Either no chassis skirt is selected, or the RH fuel tank extends past the chassis skirt and this measurement will not factor into any frame space calculation.
- Back of Cab is 65.2" from center of Front Axle
- \_ Back of Side Extender is 74.8" from center of Front
- No right side back of cab access OR No additional frame space required for right side back of cab access
- No RH Clear Rrame used in RH Frame Space Calculation.
- Right Side Fuel Tank Length 30.0"

#### **FUEL TANKS**

- FUEL TANK FILLER NECK ANTI-SIPHON INSERT
- NO AUXILIARY FUEL SUPPLY
- DDC SUPPLIED ENGINE MOUNTED FUEL FILTER/FUEL WATER SEPARATOR W/ESOC & WATER IN-FUEL INDICATOR
- NO FUEL HEATER
- FUEL TANK CAP(S)
- 25" DIAMETER
- PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED **BANDS**
- \_ FUEL LINES EQUIFLO INBOARD FUEL **SYSTEM**
- NO FUEL LINE INSULATION
- FUEL LINE MATERIAL HIGH TEMPERATURE REINFORCED NYLON FUEL LINE
- LH FUEL TANK MOUNTED FORWARD, RH FUEL TANK MOUNTED AFT

- DAVCO 485 FUEL WATER SEPARATOR WITH 12 VOLT PREHEATER AND ESOC AND BLACK
- NO HYDRAULIC OIL TANK
- 080 GALLON LEFT SIDE FUEL TANK -**ALUMINUM**
- NO NATURAL GAS VEHICLE FUEL TANK VENT LINE/STACK
- 060 GALLON RIGHT SIDE FUEL TANK -**ALUMINUM**
- STEP FINISH PLAIN STEP FINISH
- NO BETWEEN RAIL FUEL TANK
- NO FUEL TANK MOUNTING BETWEEN RAILS
- NO FUEL COOLER

#### LIGHTING

- ROOF MOUNTED L.E.D. MARKER LIGHTS
- STANDARD SIDE/REAR REFLECTORS
- DAYTIME RUNNING LIGHTS
- NO FOG LAMPS PROVIDED
- HEADLIGHTS INTEGRAL HEADLIGHT/MARKER ASSEMBLY with L.E.D. BULBS
  12' DETACHABLE 7-WAY 3-IN-1 TRAILER CABLE
- WITH QUICK CHANGE PLUGS (QCP) #30-2154
- SAE J560 7-WAY PRIMARY TRAILER CABLE RECEPTACLE MOUNTED LOWER LH BACK OF CAR
- NO ADDITIONAL TRAILER CABLE RECEPTACLE
- NO ADDITIONAL SUPPLEMENTAL 7-WAY TRAILER CABLE RECEPTACLE
- NO OTHER LIGHTS
- TAIL LIGHTS SERIES 60 L.E.D. STOP/TAIL WITH SEPARATE BACKUP LIGHTS BRACKET MOUNTED END OF FRAME
- UTILITY LIGHTS (1) FLUSH L.E.D. UTILITY LIGHT MOUNTED LH BACK OF CAB
- PRIMARY CONNECTOR/RECEPTACLE WIRED FOR SEPARATE STOP/TURN, ABS CENTER PIN POWERED THROUGH IGNITION
- L.E.D. SIDE TURN SIGNAL
- SOLID-STATE CIRCUIT PROTECTION AND **FUSES**

# **MISCELLANEOUS**

- BACK-UP ALARM 87-112 dB AUTOMATIC SELF-ADJUSTING MOUNTED INBOARD RIGHT HAND RAIL TO SHOCK ABSORBER
- DETROIT ASSURANCE COLLISION WARNING 5.0 - ADAPTIVE CRUISE CONTROL AND ACTIVE BRAKE ASSIST 4 WITH ADJUSTABLE **HEADWAY CONTROL**
- NO DRIVER FACING CAMERA
- TRAFFIC SIGN DISPLAY



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TYPE **TADCNB** 

- DETROIT SIDE GUARD ASSIST
- \_ CORPORATE PDI CENTER IN SERVICE AND **OPTION INSTALLATION - MODIFICATION**
- 7) Regen Decal on Driver's Side Visor
- USA DOMICILE
- 2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/GHG17
- NO FIRST AID KIT
- Tag/Pusher Packages (1, 2, 3, 4) other than Watson Chain SL-1195, SL-2065. Note: NO HEAVY DUTY CABLE DESIRED or CUSTOMER PROVIDED
- 2018 CY Base Incetive
- \_ DETROIT ASSURANCE LANE DEPARTURE WARNING SYSTEM 5.0
- NO LANE KEEP ASSIST
- NO LOAD LOCK CARRIERS
- 2022 MODEL YEAR
- MODEL YEAR 2022 PRICING
- TWO WAY HEAVY DUTY 90 AMP RECEPTACLE
   WIRED HOT MOUNTED ON THE LOWER CAB
  SILL BACK OF CAB
- NO MODIFICATION CENTER SHIPPING INSTRUCTIONS (99B-998)
- STATES OF OPERATION 49 STATE COMPLIANT (NOT IN CALIFORNIA)
- TRIANGULAR REFLECTORS WITHOUT FLARES
- ENHANCED STABILITY CONTROL
- SUPPLEMENTAL ISO J560 7 WAY RECEPTACLE LOCATED WITH PRIMARY **RECEPTACLE**
- REAR REFLECTIVE DEVICE
- U.S. FMVSS CERTIFICATION
- SUPPLEMENTAL TRAILER WIRING WITH CENTER PIN IGNITION

#### POWER TRAIN

- AXLE SEATS WITH RETAINERS
- ALUMINUM CLUTCH HOUSING
- MAGNETIC PLUGS ENGINE DRAIN, TRANSMISSION FILL AND DRAIN AXLE(S) FILL AND DRAIN
- RPL 25 MAIN DRIVELINE
- Wheel bases 0" 179"
- Drive Line Weight for wheel bases 161" 200"
- MANUAL DUMP VALVE FOR AIR SUSPENSION WITHOUT GAUGE
- INDICATOR LIGHT AND BUZZER FOR EACH MODE SWITCH

- 12,000 lb CAPACITY FRONT AXLE MERITOR MFS-12-132B - 3.50 INCH DROP FRONT AXLE
- FRONT AXLE LUBE ROAD RANGER SYNTHETIC - FUEL EFFICIENT - 75W-90W FRONT HUB LUBE
- FRONT OIL SEALS
- FRONT SHOCK ABSORBERS
- 12.500 lb CAPACITY DUAL TAPERLEAF FRONT SUSPENSION
- MAINTENANCE FREE RUBBER BUSHINGS -FRONT SUSPENSION
- 1) Performance Gearing
- No Optimized Power Train Package
- RPL20 MERITOR INTERAXLE DRIVELINE
- (1) SINGLE AIR REAR SUSPENSION LEVELING VÁLVE
- THP-60 POWER STEERING
- POWER STEERING PUMP
- 2 QUART SEE THROUGH POWER STEERING RESERVOIR
- NO PTO CONTROLS
- NO PTO MOUNTING LOCATION SPECIFIED
- NO MAIN TRANSMISSION MOUNTED PTO
- 40,000 lb CAPACITY REAR AXLE MERITOR MT-40-14X R-SERIES
- REAR AXLE BREATHERS METAL/COMPOSITE FITTING AND U-TUBE
- 6x4 Rear Axle Configuration
- IRON REAR AXLE CARRIER WITH OPTIONAL HEAVY DUTY AXLE HOUSING
- REAR AXLE LUBE ROAD RANGER SYNTHETIC FUEL EFFICIENT 75W-90W REAR AXLE LUBE
- REAR OIL SEALS
- 3.08 REAR AXLE RATIO
- 51" AXLE SPACING
- REAR SHOCK ABSORBERS TWO AXLES (TANDEM) (AIR RIDE SUSPENSION) - Included With AirLiner Tandem Suspension
- 40,000 lb CAPACITY REAR SUSPENSION -AIRLINER - EXTRA DUTY
- TRANSVERSE CONTROL RODS
- 08.10" Rear Suspension Height
- AIRLINER HIGH POSITION RIDE HEIGHT
- DDC HEAVY DUTY AUTOMATED MANUAL TRANSMISSION SHIFT CONTROL - COLUMN MOUNTED
- STANDARD SPINDLE NUTS FOR ALL AXLES
- NO TAG/PUSHER AXLE



Penske Location - SAINT LOUIS - 7TH STREET Location Address - 2210 SOUTH 7TH ST, SAINT LOUIS, MO - 63104

**TADCNB** 

MAKE FREIGHTLINER **BBC** 116.0 MODEL New Cascadia 116 GVW 80000.0 WEIGHT YEAR 2022 15714.0 TYPE

- NO TRACTION EQUALIZER
- \_ (1) INTERAXLE LOCK CONTROL VALVE FOR TÁNDEM OR TRIDEM DRIVE AXLES
- NO DIFFERENTIAL LOCK WIRING/LOGIC
- 12 SPEED AUTOMATED MANUAL DT-12 -1450-OHL - LIGHTWEIGHT ON-HIGHWAY -**OVERDRIVE**
- TOW NOTICE DECAL ON BUMPER AND TAIL LIGHT ASSEMBLY
- (1) 620 CUBIC INCH ALUMINUM TRANSMISSION ÀÍR TANK, INLET CHECK VALVE
- AIR TO OIL TRANSMISSION COOLER
- TRANSMISSION LUBE SYNTHETIC TRANSMISSION LUBE
- ELECTRONIC ACCELERATOR CONTROL WITH KICKDOWN FEATURE
- NO TRANSMISSION OIL CHECK AND FILL
- NO EXTERNAL TRANSMISSION OIL FILTER
- TRANSMISSION PROGRAMMING DT12 TRANS PROGRAM - PERFORMANCE ECONOMY AND PERFORMANCE WITH MANUAL - WITH **KICKDOWNN**
- NO FUEL SENSE PROGRAMING TCU ENGINE LOAD REDUCTION FUNCTION
- NO TCU PRIMARY MODE GEARS
- TCU-PUMP MODE OPTION NOT CONFIGURED
- REVERSE GEAR RANGE LIMITED TO 2ND **GEAR**
- 6 FORWARD GEARS SELECTABLE DT12 MANUAL MODE
- ALLISON VOCATIONAL RATING NONE
- NO AUX/ACC TRANSMISSION WIRING

# **ROAD SPEED & CRUISE**

- 70 MPH CRUISE SPEED
- 70 MPH ROAD SPEED

- NO SLEEPER BOX / SLEEPER CAB

#### **TELEMATICS**

- DETROIT CONNECT HARDWARE (3RD PARTY ENABLED)
- NO ZONAR SERVICES SELECTED
- 5 YEARS DETROIT CONNECT SAFETY EVENT VIEWER PACKAGE FOR DETROIT ASSURANCE (INCLUDES BASE PACKAGE FEATURES)
- NO POSITION/COMMUNICATION ACCESSORY
- TELEMATICS GENERIC PREWIRE (CONSTANT BATTERY POWER/IGNITION/GROUND/J1939) RP1226 TYPE CONNECTOR AT PASSENGER SIDE OF DASH

(2) TMC RP 1226 ACC CONNS: (1) LOCATED CENTER OF DASH PASSENGER SIDE & (1) CENTER OF OVERHEAD CONSOLE

#### **TIRES & WHEELS**

- VENTED FRONT HUB CAPS OIL
- CONMET PRESET PLUS PREMIUM ALUMINUM FRONT HUBS
- FRONT TIRES CONTINENTAL HSL 3 11R22.5 14 PLY
- FRONT WHEEL NUTS MF-39107 HUB PILOT WHEEL NUTS
- NO FRONT WHEEL COLOR
- BRUSHED FINISH FRONT WHEELS WITH **DURA-BRIGHT FINISH**
- FRONT WHEELS 22.5" X 8.25" 10-HUB PILOT ALUMINUM DISC LEVEL ONE 88267X
- CONMET PRESET PLUS PREMIUM ALUMINUM **REAR HUBS**
- REAR TIRES CONTINENTAL HDL2 (Smartway) 11R22.5 14 PLY
- NO DRIVE WHEEL FAIRINGS
- REAR WHEEL NUTS MF-39107 HUB PILOT WHEEL NUTS
- NO REAR WHEEL COLOR
- BRUSHED FINISH REAR WHEELS WITH DURA-BRIGHT FINISH ON THE INNER AND OUTER
- REAR WHEELS 22.5" X 8.25" 10-HUB PILOT ALUMINUM DISC LEVEL ONE 88267X
- NO TAG/PUSHER AXLE TIRES
- NO POLISHED, BRIGHT STANDARD POLISH BRUSHED OR BRIGHT LVL ONE TAG/PUSHER
- NO TAG/PUSHER WHEELS
- NO TIRE PRESSURE MONITORING SYSTEM
- NO RIM/WHEEL TIRE PRESSURE SENSOR
- Front Axle Tire Quantity 2
- Pusher Axle Tire Quantity 0
- Rear Axle Tire Quantity 8
- Tag Axle Tire Quantity 0
- ALLIGATOR V2B CAPS WITH NYLON WHEEL GUARDS FRONT & REAR AT ALL INTERFACES
- NO WHEEL COVERS DESIRED

# **VOCATION AND COMMODITY**

- 1) < = 80,000 lbs
- 80.000 lbs
- MAXIMUM 8% EXPECTED GRADE
- NO TRUCK PROVISION PACKAGE



Vehicle Lease Service Agreement Schedule "S" Vehicle Specifications Schedule "A" No.:20-04

Customer: Anheuser-Busch, LLC

Penske Location - SAINT LOUIS - 7TH STREET Location Address - 2210 SOUTH 7TH ST, SAINT LOUIS, MO - 63104

116.0 MAKE **FREIGHTLINER** BBC **MODEL GVW** 80000.0 New Cascadia 116 YEAR 2022 WEIGHT 15714.0 TYPE **TADCNB** 

- TRACTOR/TRAILER CONFIGURATION
- 12000 LBS Front Axle Capacity
- 40000 LBS Rear Axle Capacity
- 52000 LBS Gross Vehicle Weight
- 80000 LBS Gross Combination Weight

**COLORS & CODES** 

CAB [White Elite Bc, L0007EB]

FRAME [Black High Solids Polyurethane, NONE]

**ENGINE PARAMETERS** CRUISE: [70 MPH]

HORSEPOWER: [ 410 HORSE POWER ]

IDLE TIME: [ 5 MIN ] PTO: [ 900 RPM ] ROADSPEED: [70 MPH] TORQUE: [ 1450 FT/LB ]

# Sample - Not for Customer Signature