

# Custom Recycling SADC Automatic Spec

Proposed Vehicle Configuration  
Prepared for CUSTOM RECYCLING INC  
2022-01-14



Submitted to:  
**CUSTOM RECYCLING INC**  
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Submitted by:  
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# 1 CONFIGURED PRODUCT: VEHICLE CONFIGURATION MODEL

## 1.1 POWER UNIT SPECIFICATION SUMMARY

<b>CHASSIS</b>	CASCADIA 126 INCH DAY CAB
<b>GVW</b>	EXPECTED GROSS VEHICLE WEIGHT CAPACITY
	4225MM (166") WHEELBASE
<b>GEAR RATIO</b>	2.80 REAR AXLE RATIO
<b>ENGINE</b>	CUM X15 450 HP @ 1700 RPM, 1700 GOV RPM, 1650 LB-FT @ 950 RPM
<b>ENGINE BRAKE</b>	CUMMINS INTEBRAKE BRAKE W/HIGH MED LOW B RAKE
<b>FUEL TANK</b>	80 GALLON / 302 LITER ALUMINUM FUEL TANK - LH
<b>FUEL TANK</b>	80 GALLON / 302 LITER ALUMINUM FUEL TANK - RH
<b>COLOR</b>	CAB COLOR A: L0303EY WHITE ELITE EY
<b>TRANSMISSION</b>	EEO-16F112C ENDURANT AUTOMATED MANUAL TRANSMISSION

<b>Selected Packages</b>
STD FUEL TANK CAPS (PKG 285)
EATON ENDURANT AUTOMATED TRANSMISSION (Pkg 470) DC-SA
NO PTO SWITCH OR PREP (PKG 263)
OMIT LANE DEPARTURE WARNING PKG 521)
OMIT COLLISION MITIGATION SYSTEM (PKG 265)
DAYCAB ROOF AIR DEFLECTOR (Pkg 197)
NO CAB SIDE EXTENDERS (Cascadia daycab) (PKG 270)
PROFESSIONAL TRIM PKG W/O CHASSIS FAIRING (PKG 271)
Standard Horizontal Exhaust Package
FLEETLINE POLY 1/4 FENDER (PKG 281)
STD 5TH WHEEL RELEASE pkg 282
STD PAINTED WHITE STEEL WHEELS (PKG 355)
CASCADIA RANDOM KEYCODES (PKG 292)
AIR RIDE DRIVER SEAT (PKG 294)
STATIONARY PASSENGER SEAT (PKG 295)
HIGH VIS ORANGE SEATBELTS (PKG 293)
DUAL DRIVER AND PASSENGER SEAT ARMRESTS (Pkg 68)
FREIGHTLINER AM/FM/WB BLUETOOTH RADIO (PKG 299)
AIR SUSPENSION DUMP VALVE WITH GAUGE (Pkg 70)
STD MOLD IN COLOR BUMPER
NO BUMPER/GRILLE GUARD (PKG 356)
DARK GREY HEATED PRIMARY MIRRORS WITH REMOTE (PKG 303)
FLUSH MOUNT UTILITY LIGHTS BOC (PKG 306)
SOLAR TINTED REAR WINDOW GLASS (PKG 308)
CASCADIA STD COILED AIR/ELECTRIC LINES (PKG 360)
CUMMINS X15 450 HP, 1650 LB-FT TORQUE (Pkg 108)

Custom Quote, Imported Lines
EXPECTED GCW 65000LBS
RATED GVW 33000LBS
4225MM (166") WHEELBASE
CA 91"
REF. QSPEC: QC3175
NO OBSTACLE DETECTION SYSTEM
EXTERIOR SUN VISOR
NO ADJUSTMENT
NO DETROIT CONNECT SERVICES SELECTED
VISOR MTD LED MARKER LIGHTS
DELCO 12V 39MT HD/OCF STARTER W/THERMAL PROTECTION & INTEGRATED MAGNETIC SWITCH
NO LANE DEPARTURE WARNING SYSTEM
ENG BRK W/CC ENABLED AT 2 MPH ABOVE SET SPEED, 1 MPH INC BTWN BRKG LVLS
UTILITY LIGHT SWITCH IN DASH
ROTARY HDLAMP SWITCH, MRKR LTS/HDLTS SW W/PULL OUT FOR OPT FOG/RD LMPS
ELECTRONIC CRUISE CONTROL W/CONTROLS ON STEERING WHEEL SPOKES
NO CARB22 BASE WARRANTY
CC SPEED LIMIT SAME AS RSL
5 MINUTE IDLE SHUTDOWN - CONTINUOUS OVERRIDE W/CLUTCH & SVC BRK
SUNVISOR PAINTED SAME AS CAB COLOR A
9820 LBS : FRONT - ROAD READY WEIGHT
6102 LBS : REAR - ROAD READY WEIGHT
15922 LBS : TOTAL - ROAD READY WEIGHT
NO ADJUSTMENT

## 1.2 SPEC DETAILS

### 1.2.A 01-POWER UNIT, CONVENTIONAL S/A NON-SLEEPER, 011-892, FREIGHTLINER, NEW CASCADIA

Description	2.80 REAR AXLE RATIO
<b>CHASSIS</b>	<b>BRAKES, PARKING</b>
CASCADIA 126 INCH DAY CAB	WABCO TRISTOP D-IBV LONGSTROKE 1-DRIVE AXLE SPRING PARKING CHAMBERS
SET BACK AXLE - TRACTOR	<b>BRAKES, SERVICE</b>
EXPECTED GROSS VEHICLE WEIGHT CAPACITY	MERITOR 16.5X5 Q+ CAST SPIDER CAM FRT BRKS, DBL ANCHOR, PLAT SHLD FAB'D SHOES
DOMICILED, USA 50 STATES (INCLUDING CALIFORNIA AND CARB OPT-IN STATES)	MERITOR 16.5X8.62 Q+ CAST SPIDER CAM RR BRKS, DBL ANCHOR, PLAT SHLD FAB'D SHOES
FREIGHTLINER LEVEL I WARRANTY	2011/2013-FMVSS 121 RSD FRONT BRAKE LINI NG
BBC 126.1" C/L - F/A 49.2".	2011/2013-FMVSS 121 RSD REAR BRAKE LININGS
CALC'D FRAME LENGTH BACK OF CAB	HALDEX LONGSTROKE FRONT BRAKE CHAMBERS
CORPORATE PDI CENTER IN-SERVICE AND OPTION INSTALLATION/MODIFICATION	PULL CABLE ON WET TANK, PETCOCK DRAIN VALVES ON ALL OTHER AIR TANKS
NO ELECTRONIC DEVICES, PDI INST (SCO)	PETCOCK ON ALL OTHER TANKS
LEASE/RENTAL BUSINESS SEGMENT	LOW AIR PRESSURE INDICATOR LT & AUDIBLE ALARM
LINEHAUL/LONG HAUL SERVICE	NO FRONT BRAKE DUST SHIELDS
VAN TRAILER	NO REAR BRAKE DUST SHIELDS
SINGLE (1) TRAILER	CONMET CAST IRON FRONT BRAKE DRUMS
EXPECTED FRONT OF TRAILER TO KINGPIN DIM	CONMET CAST IRON REAR BRAKE DRUMS
EXPECTED TRAILER CORNER RADIUS	STEEL AIR BRAKE RESERVOIRS
EXPECTED TRAILER WIDTH	15' COILED TRAILER AIR HOSE WITH 48" TRACTOR, 12" TRAILER LEADS
EXPECTED MAXIMUM TRAILER SWING RADIUS	NO TRAILER HAND CONTROL BRAKE VALVE
EXPECTED MAXIMUM TRAILER DIP ANGLE	BW TRACTOR PROTECTION VALVE
GENERAL FREIGHT COMMODITY	COMBINATION DUMMY GLAD HANDS & LT PLUG HOLDER MTD LH BOC W/GROUND ACCESS
TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS	WABCO SYSTEM SAVER HP WITH INTEGRAL AIR GOVERNOR AND HEATER
SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRNS (BTWN SITES) RD SRFC	WABCO OIL COALESCING FILTER FOR AIR DRYE R
<b>EXPECTED GCW 65000LBS</b>	MERITOR AUTOMATIC FRONT SLACK ADJUSTERS
<b>RATED GVW 33000LBS</b>	MERITOR AUTOMATIC REAR SLACK ADJUSTERS
<b>4225MM (166") WHEELBASE</b>	<b>WABCO 4S/4M ABS W/HILL START AID AND TRACTION CONTROL W/ATC SHUT OFF SWITCH</b>
<b>CA 91"</b>	<b>(2)VLV PRK BRK SYS W/DASH VLV CTRL AUTONEUTRAL &amp; WRNG IND</b>
<b>AXLE, FRONT</b>	<b>CUMMINS NATURALLY ASPIRATED 18.7 CFM AIR COMPRESSOR W/INTERNAL SAFETY VALVE</b>
MERITOR MFS+ 12,000# FF1 71.0 INCH KPI/ 3.50 INCH DROP SINGLE FRONT AXLE	<b>CAB</b>
EXPECTED FRONT AXLE(S) LOAD	GENERIC TELEMATICS PWR (CNST BATT PWR/ IGN/GRD/J1939)RP1226 CONN @ PASS SD DASH WIRING ONLY.....
FRONT SHOCK ABSORBERS	NO SIDE OBJECT DETECTION SYSTEM
GUARANTEED NAME BRAND "ROADRANGER SYNTHETIC" FE 75W-90 FRONT AXLE LUBE	NO LATERAL VEHICLE CONT SYS(SCO)
CONMET PRESET PLUS PREMIUM IRON FRONT HUBS	NO DRIVER FACING CAMERA
<b>AXLE, REAR</b>	NO SLEEPER BOX/SLEEPER CAB
MERITOR RS-23-161 23,000# R-SRS SINGLE REAR AXLE	126" BBC ALUMINUM CONVENTIONAL CAB
EXPECTED REAR DRIVE AXLE(S) LOAD	AERODYNAMIC HOOD
NO TRACTION EQUALIZER	90 DEGREE TILT
MAGNETIC PLUGS, ENG DRAIN, TRANSMISSION FILL & DRAIN, AXLE(S) FILL & DRA	CHROME GRILLE WITH INTEGRAL SURROUND
TRANS/AXLE FILL & DRAIN	
GUARANTEED NAME BRAND "ROADRANGER SYNTHETIC" FE 75W-90 REAR AXLE LUBE	
CONMET PRESET PLUS PREMIUM IRON REAR HUBS	

DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME
KEY QUANTITY OF 4
SINGLE ELECTRIC WINDSHIELD WIPER MOTOR W/DELAY
8 LITER( GAL)WINDSHIELD WASHER RESERVOIR CAB MOUNTED, W/O FLUID LEVEL INDICATOR
LH BOC ACCESS
GRAB HANDLE, ACCESS STEP
INTERIOR GRAB HANDLES W/ADDED LOWER LH & RH A PILLAR GRAB HANDLES
STD LED CAB LIGHTING
35" (875MM) DECK PLATE FLUSH MOUNTED BETWEEN RAILS
DUAL BLACK HTD AERO MIRRORS W/INTEGRAL CONVEX & LH/RH RMT
102" EQUIPMENT WIDTH
RH DOWN VIEW MIRROR
RH/LH HEATED BLACK HOOD/FENDER MTD MIRRORS
DRIVER/PASS INTERIOR SUN VISORS
(3) DASH MOUNTED POWER OUTLETS AND COIN TRAY
NO CUP/THERMOS HOLDER
AIR CAB MOUNTING
1-PIECE ROPED-IN SOLAR GREEN GLASS WINDSHIELD
SOLAR TINTED DOOR GLASS LH & RH WITH TINTED FORWARD SIDE GLASS
FORWARD ROOF MOUNTED CONSOLE WITH DOORS RH & LH
CLOTH INTERIOR.....
SLATE GRAY BASE LEVEL INTERIOR
SLATE GRAY WITH TECH HARD TRIM
STANDARD LH DOOR TRIM
STANDARD RH DOOR TRIM
BLACK MATS AND ACCELERATOR RUB PAD
NO SUPPLEMENTAL RESTRAINT SYSTEM
3PT HI VIS ORANGE ADJ D-RING DR &FIXED D-RING PASS W/DR STAT IND LT&AUD
BASIC 2.0 HB AIR SUSP DRIVER SEAT W/1 CHAMBER LMBR, INT CUSH EXT & TILT
BLACK MORDURA CLOTH DRIVER SEAT COVER
BASIC 2.0 HB NON SUSP PASSENGER SEAT
BLACK MORDURA CLOTH PASSENGER SEAT COVER
DAY CAB ADJ AERODYNAMIC DFLCTR, FACTORY PNTD & INSTL, BACKWALL BRKTS PNTD BL
NO SIDE EXTENDERS
AM/FM/WB WORLD TUNER RADIO W/BLUETOOTH, USB & AUXILIARY INPUTS, J1939
NO DIGITAL SATELLITE AUDIO RECEIVER ANTENNA
SINGLE AIR HORN UNDER LH DECK
HEATER, DEFROSTER AND AIR CONDITIONER WITH CONSTANT OUTLET TEMPERATURE CONTROL
HVAC DUCTING W/MAIN FRESH AIR FILTER
MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH W/CONSTANT TEMP CONTROL
BLACK DOOR HANDLES
RH/LH ELECTRIC POWERED WINDOWS
LH & RH ELCT DR LCKS W/AUTO UNLCK FTR WHEN DOOR IS SET FROM OPN TO CLS PSTN
NO SECURITY DEVICE

STANDARD INSULATION
ENGINE COMPARTMENT PREMIUM NOISE ABATEMENT AND INSULATION
NOISE ABTMT AND INSUL
STANDARD SIDE/REAR REFLECTORS
NONREMOVABLE BUGSCREEN MTD BEHIND GRILLE
PDI INSTALLED RYDER LEASE DECALS WITH BLACK UNIT NUMBERS
PDI PERFORMED INITIAL FEDERAL FMCSR 396.11A DOT INSPECTION
2-1/2 LB. FIRE EXTINGUISHER MOUNTED OUTBOARD OF DRIVER SEAT
OUTBD OF DRIVERS SEAT.MOUNT
W/NOZZLE & GAUGE FACING AFT
TRIANGULAR REFLECTORS W/O FLARES
(2) 28"X22" SOLAR TINTED REAR WINDOWS
<b>NO OBSTACLE DETECTION SYSTEM</b>
<b>DUAL DRIVER AND PASSENGER SEAT ARMRESTS</b>
<b>EATON ENDURANT HEAVY DUTY AUTOMATED MANUAL TRANSMISSION CLUTCH</b>
<b>NO CLUTCH RELEASE BEARING LUBE</b>
<b>NO CLUTCH RELEASE</b>
<b>NO OBSTACLE DETECTION SYSTEM</b>
<b>EXTERIOR SUN VISOR</b>
<b>CLUTCH</b>
<b>COOLING</b>
1400 SQ-IN FE RADIATOR
LOWER RADIATOR GUARD
CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES
ANTIFREEZE TO -34F, OAT (NITRITE & SILICATE FREE) EXTENDED LIFE COOLANT
AUTOMATIC FAN CONTROL W/O DASH SWITCH, NON ENGINE MTD
GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT
TC2: HD STD ON-HWY 3 YEARS/250,000 MILES /402,500 KM EXTENDED TRUCK COVERAGE
<b>AIR POWERED ON/OFF ENG FAN CLUTCH</b>
<b>NO ADJUSTMENT</b>
<b>NO ADJUSTMENT</b>
<b>DRIVELINE</b>
RPL25SD MERITOR MAIN DRIVELINE
<b>ELECTRICAL</b>
AUTOMATIC SELF-RESET CIRCUIT BREAKERS WITH SPARE FUSE KIT
MANUAL TURN SIGNAL SWITCH WITH DIMMER, HEADLAMP FLASH, WASH/WIPE/INTERMITTENT
LED SIDE TURN SIGNAL
ELECTRONIC 2500 RPM TACHOMETER
ELECTRONIC MPH SPEEDOMETER.
ODOMETER ACCURACY (+/-1%)..
(2) TMC RP1226 ACC CONNS: (1)LCT BHND PASS SD RMVBL DSH PNL &(1)CNTR OVHD CN
HD OBD INTFC CONN LOC BLW LH DASH
PREMIUM INSTRUMENT CLUSTER W/5.0" TFT COLOR DISPLAY

DETROIT CONNECT PLATFORM HARDWARE	<b>PROTECTION &amp; INTEGRATED MAGNETIC SWITCH</b>
LED LOW BEAM & HIGH BEAM HEADLIGHTS	<b>NO LANE DEPARTURE WARNING SYSTEM</b>
(2)FLUSH LED UTIL LTS MTD BOC/S	<b>ROTARY HDLAMP SWITCH, MRKR LTS/HDLTS SW W/PULL OUT FOR OPT FOG/RD LMPS</b>
F/L LED FLANGE MTD STOP/TAIL/TURN LTS W/SEP LED BU LTS & SWIFT-STYLE BRKT	<b>ELECTRONIC CRUISE CONTROL W/CONTROLS ON STEERING WHEEL SPOKES</b>
KEY OPERATED IGN SW & INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACC	<b>ENGINE</b>
DR 12V 160 AMP 36-SI BRUSHLESS QUADRAMOU NT PAD ALT W/REMOTE BATTERY VOLT SENSE	2016 OBD/2010 EPA/CARB/GHG17 ESCALATOR
W/REMOTE VOLTAGE SENSOR	2008 CARB EMISSION CERT - CLEAN IDLE (INCL 6"X4" LBL LWR FWD CRNR DR DOOR)
ELECTRONIC STABILITY CONTROL	65 MPH ROAD SPEED LIMIT
PLASTIC BATTERY BOX COVER	FLOCS OIL EVACUATION FITTING WITH AEROQUIP FD14 FITTING AND DIRECT ACCESS
(4) DTNA GENUINE,CLAF1150,FLOOD STARTING &CYCLING,MIN 2800CCA,760RC,THRD STU	INTAKE MOUNTED AIR RESTRICTION INDICATOR WITH GRADUATIONS
SGL BATT BOX FRM MTD LH SIDE UNDER CAB	DUAL SIDE OF HOOD AIR INTAKE WITH ENGINE MOUNTED AIR CLEANER
STEEL BATTERY BOX WITH ENCLOSED TRAY	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM
WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN	ENGINE PROT SYSTEM-AUDIBLE
CABLES W/ADDT'L FRAME GRND	LOW COOLANT LEVEL ALRM SYS
PRE-TRIP INSPECTION FEATURE FOR EXTERIOR LAMPS ONLY	WARNING LTS/HI-WATER TMP
NO SUPPLEMENTAL TRAILER CABLE WIRING	LOW OIL PRESSURE
NO SUPPLEMENTAL J560 7-WAY TRLR ABS RECEPTACLE	CHROME ENGINE HEATER RECEPTACLE MTD UNDER LH DOOR
15' PHILLIPS LECTRACOIL DETACH COILED ELEC CBL W/J560 CONN & METAL HSG ENDS	NO COOLANT HEATER - GAS/DSL
NO SUPPLEMENTAL TRAILER ELEC CABLE	<b>2010 EPA/CARB/GHG21 CONFIGURATION</b>
36" SS SLIDE BAR WITH SPRING TYPE AIR HOSE HANGER	<b>CUMMINS ATS CARB22: X15 EFFICIENCY AT3 5 YEARS / 500,000 MILES / 805,000 KM</b>
SAE J560 7-WAY PRIMARY TRAILER CABLE RECEPTACLE MTD LOWER LH BOC	<b>CUMMINS ENG CARB22: X15 EFFICIENCY HD1 5 YEARS / 500,000 MILES / 805,000 KM</b>
NO PLUMBING FOR AIR TO EOF	<b>RADIATOR DRAIN VALVE</b>
PRIMARY CONNECTOR/RECEPTACLE WIRED FOR SEP STOP/TURN,ABS CTR PIN PWRD THRU IGN	<b>RYDER- CUMMINS ATS WARRANTY (\$800)</b>
NO ADDITIONAL TRAILER CABLE RECPT	<b>RYDER HD CUMMINS ENGINE -(\$750)</b>
PWR&GRND WRG PROV OVERHEAD	<b>CUM X15 450 HP @ 1700 RPM, 1700 GOV RPM, 1650 LB-FT @ 950 RPM</b>
ROOF/OVERHEAD CONSOLE CB RADIO PROVISION	<b>LBSC ENHANCED ENABLED 1650 RPM</b>
SHARKFIN MULTI-BAND ANTENNA: AM/FM/WB, WIFI/BT, SDAR, GNSS/GPS	<b>CC SPEED LIMIT SAME AS RSL</b>
SGL LH CB ANTENNA	<b>CUMMINS SPIN ON FUEL FILTER</b>
NO AM/FM RADIO ANTENNA	<b>DAVCO 485 F/W SEPARATOR W/12V &amp; 120V PRE HEATER &amp; WATER IN FUEL SENSOR W</b>
PRECO/ECCO 1040 87 TO 112 DECIBELS AUTOMATIC SELF-ADJUSTING BACKUP ALAR	<b>IDLE LIMITER, ELECTRONIC ENGINE</b>
NO HIGH CURRENT RECEPTACLE/WIRING	<b>5 MINUTE IDLE SHUTDOWN - CONTINUOUS OVERRIDE W/CLUTCH &amp; SVC BRK</b>
NO HIGH CURRENT TRAILER/BODY CABLE	<b>CUMMINS INTEBRAKE BRAKE W/HIGH MED LOW B RAKE</b>
<b>NO DETROIT CONNECT SERVICES SELECTED</b>	<b>PHILLIPS-TEMRO 1500 WATT/115 VOLT BLOCK HEATER</b>
<b>HEADLIGHTS ON W/WIPERS W/DAYTIME RUNNING LIGHTS</b>	<b>NO CARB22 BASE WARRANTY</b>
<b>DELCO 12V 39MT HD/OCP STARTER W/THERMAL PROTECTION &amp; INTEGRATED MAGNETIC SWITCH</b>	<b>CC SPEED LIMIT SAME AS RSL</b>
<b>NO LANE DEPARTURE WARNING SYSTEM</b>	<b>5 MINUTE IDLE SHUTDOWN - CONTINUOUS OVERRIDE W/CLUTCH &amp; SVC BRK</b>
<b>NO REGEN SYSTEM TAILORING</b>	<b>EXHAUST</b>
<b>ROTARY HDLAMP SWITCH, MRKR LTS/HDLTS SW W/PULL OUT FOR OPT FOG/RD LMPS</b>	RH OB UNDER STEP MTD HZ ATSA W/RH HZ TAILPIPE
<b>ELECTRONIC CRUISE CONTROL W/CONTROLS ON STEERING WHEEL SPOKES</b>	NO EXHAUST BRIGHTWORK (PLAIN)
<b>NO DETROIT CONNECT SERVICES SELECTED</b>	STANDARD EXHAUST SYSTEM LENGTH
<b>VISOR MTD LED MARKER LIGHTS</b>	RH STANDARD HORIZONTAL TAILPIPE
<b>DELCO 12V 39MT HD/OCP STARTER W/THERMAL</b>	NO MUFFLER/TAILPIPE SHIELD

<b>FRAME</b>	(PKWHT21, TKWHT21, W, TW)
8.0MMX88.0MMX281.0MM STEEL FRAME (0.31"X3.46"X11.06") 120 KSI	POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)
850MM (33") REAR FRAME OVERHANG	<b>STEERING</b>
FLANGED TAPERED END OF FRAME	TRW THP-60 POWER STEERING
DARK GRAY AERO BMPR W/CHROME OVERLAY	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN
REMOVABLE FRONT TOW/RECOVERY DEVICE, STORED ON CHASSIS FRAME	4-SPOKE 18" (450MM) BLACK STEERING WHEEL WITH SWITCHES
NO FOG LIGHTS	<b>SUSPENSION</b>
FLEETLINE BLACK POLY QTR FENDERS W/BLACK RUBBER FLAPS W/O FAIRINGS	NO AIR PP & CONT-DIFF LKOUT,CAB
NO FRAME SIDE FAIRINGS	NO DIFFERENTIAL LOCK WIRING/LOGIC
NO DRIVE WHEEL FAIRINGS - CHASSIS	12,500# TAPERLEAF FRONT SUSPENSION
NO AERODYNAMIC SKIRT FOR CHASSIS FAIRINGS	MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION
NO REAR TOWING DEVICE	AIRLINER HIGH POSITION RIDE HEIGHT
NO FORWARD CHASSIS FAIRING SUPPORT	REAR AIR SUSP DUMP VALVE AUTOFILL >5 MPH WITH INDICATOR LIGHT
NO AERO WHEEL WELL FAIRING	AUTOFILL >5 MPH
TRACTOR C-CHANNEL CROSSMEMBER WITH 3.5" KINGPIN CLEARANCE	AIRLINER 21,000# LIGHTWEIGHT REAR SUSPENSION WITH CHAIN CLEARANCE
HUCK-SPIN ROUND COLLAR CHASSIS FASTENERS	W/LAST STATE RETENTION
SUSP/FIFTH WHL ANGLES	<b>IGN CONTROLLED ELECTRIC DUMP SWITCH FOR AIR SUSP W/STATE RETENTION &amp; GAUGE</b>
JOST JSK37 SERIES FLAT PLATE MOUNTED STATIONARY FIFTH WHEEL	<b>TIRES</b>
5TH WHEEL 203MM(08.0")AHEAD OF SUSP C/L	GOODYEAR LOW PROFILE
REQUESTED MIN UNLADEN 5TH WHEEL HEIGHT	GOODYEAR ENDURANCE LHS 295/75R22.5 14 PLY RADIAL FRONT TIRES
REQUESTED MAX UNLADEN 5TH WHEEL HEIGHT	FRONT: 110 PSI (+/- 1 PSI)
LH 5TH WHEEL RELEASE	GOODYEAR ENDURANCE LHD 295/75R22.5 14 PLY RADIAL REAR TIRES
174MM (6.85") 5TH WHEEL HEIGHT	REAR: 95 PSI (+/- 1 PSI)
PLATE MOUNT - FIFTH WHEEL MOUNTING	<b>TRANSMISSION</b>
ADDITIONAL 5TH WHEEL DRILLINGS @ 2", 4" 6" FORE AND AFT OF BOLT DOWN POSITION	SYNTHETIC TRANSMISSION LUBE
<b>FUEL TANKS</b>	NO MAIN TRANSMISSION MOUNTED PTO
FUEL TANK(S) AFT	NO PTO MOUNTING LOCATION SPECIFIED
PLAIN STEP FINISH	NO PTO CONTROLS
80 GALLON / 302 LITER ALUMINUM FUEL TANK - LH	<b>EEO-16F112C ENDURANT AUTOMATED MANUAL TRANSMISSION</b>
80 GALLON / 302 LITER ALUMINUM FUEL TANK - RH	<b>NO TRANSMISSION OIL COOLER</b>
25" DIAMETER FUEL TANK(S)	<b>NO TRANS CONTROL UNIT/SOFTWARE</b>
PLAIN ALUMINUM/PAINTED STEEL FUEL/ HYDRAULIC TANK(S) WITH PAINTED BANDS	<b>HD ELEC TRANS SHIFT CTRL, COLUMN MTD</b>
RH ATS CAB ACCESS W/PLAIN DIAMOND PLATE COVER	<b>ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR FIREWALL MOUNTED</b>
13 GALLON DEF TANK	<b>WHEELS AND RIMS</b>
NO DEF TANK COVER	ACCURIDE 51487 ACCU-LITE 22.5X8.25 10-HP 6.16 INSET 5-HAND STL DISC FRT WHLS
EQUIFLO INBOARD FUEL SYSTEM	NO REAR AXLE WHEEL/HUB COVER
FUEL TANK CAP(S)	ACCURIDE 51487 ACCU-LITE 22.5X8.25 10-HP 5-HAND STEEL DISC REAR WHEELS
FUEL TANK FILLER NECK ANTI-SIPHON INSERT	HALTEC DS1 DBL SEAL CAPS, FRT & RR & NYLON WHL GRDS, FRT & RR ALL IN
SIPHON INSERTS (DUAL TANKS)	NO TIRE PRESSURE CONTROL/SENSOR
100% DEF FILL	NO RIM/WHEEL TIRE PRESSURE SENSOR
STANDARD DEF TANK CAP	FRONT OIL SEALS
<b>PAINT</b>	REAR OIL SEALS
PAINT: ONE SOLID COLOR	
CAB COLOR A: L0303EY WHITE ELITE EY	
BASE COAT CLEAR COAT.....	
BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT	
NO BUMPER PAINT	
POWDER WHITE (N0006EA) FRT WHEELS/RIMS	

BETTS B-84 PAINTED COILED SPRING HD MUDFLAP BRACKETS
SYMPLASTICS SPRAY GUARD BLACK MUDFLAPS, NO LOGO
NO TIRE INFLATION DEVICE/SYSTEM
<b>WEIGHTS</b>
*** WEIGHTS ***
*** RYDER BASE SPO (ONLY)
CHASSIS WEIGHT (ROAD READY) (INCLS FUEL, DRVR, DEF)
LISTED WEIGHTS ARE +/-1.5%
<b>9820 LBS : FRONT - ROAD READY WEIGHT</b>
<b>6102 LBS : REAR - ROAD READY WEIGHT</b>
<b>15922 LBS : TOTAL - ROAD READY WEIGHT</b>
<b>FREIGHT</b>
RYDER FREIGHT
<b>MISCELLANEOUS</b>
NONE
RYDER MY19 INCREASE
RYDER MY20 INCREASE
RYDER MY22 INCREASE
RYDER MY23 INCREASE
*****
<b>Alternative</b>
<b>PACKAGES</b>
<b>EATON ENDURANT AUTOMATED TRANSMISSION (Pkg 470) DC-SA</b>
<b>OMIT LANE DPARTURE WARNING PKG 521)</b>
<b>OMIT COLLISION MITIGATION SYSTEM (PKG 265)</b>
<b>DUAL DRIVER AND PASSENGER SEAT ARMRESTS (Pkg</b>

<b>68)</b>
<b>AIR SUSPENSION DUMP VALVE WITH GAUGE (Pkg 70)</b>
<b>CUMMINS X15 450 HP, 1650 LB-FT TORQUE (Pkg 108)</b>
<b>IMPORTED ITEMS</b>
<b>EXPECTED GCW 65000LBS</b>
<b>RATED GVW 33000LBS</b>
<b>4225MM (166") WHEELBASE</b>
<b>CA 91"</b>
<b>REF. QSPEC: QC3175</b>
<b>NO OBSTACLE DETECTION SYSTEM</b>
<b>EXTERIOR SUN VISOR</b>
<b>NO ADJUSTMENT</b>
<b>NO DETROIT CONNECT SERVICES SELECTED</b>
<b>VISOR MTD LED MARKER LIGHTS</b>
<b>DELCO 12V 39MT HD/OCP STARTER W/THERMAL PROTECTION &amp; INTEGRATED MAGNETIC SWITCH</b>
<b>NO LANE DEPARTURE WARNING SYSTEM</b>
<b>ENG BRK W/CC ENABLED AT 2 MPH ABOVE SET SPEED, 1 MPH INC BTWN BRKG LVLS</b>
<b>UTILITY LIGHT SWITCH IN DASH</b>
<b>ROTARY HDLAMP SWITCH, MRKR LTS/HDLTS SW W/PULL OUT FOR OPT FOG/RD LMPs</b>
<b>ELECTRONIC CRUISE CONTROL W/CONTROLS ON STEERING WHEEL SPOKES</b>
<b>NO CARB22 BASE WARRANTY</b>
<b>CC SPEED LIMIT SAME AS RSL</b>
<b>5 MINUTE IDLE SHUTDOWN - CONTINUOUS OVERRIDE W/CLUTCH &amp; SVC BRK</b>
<b>SUNVISOR PAINTED SAME AS CAB COLOR A</b>
<b>9820 LBS : FRONT - ROAD READY WEIGHT</b>
<b>6102 LBS : REAR - ROAD READY WEIGHT</b>
<b>15922 LBS : TOTAL - ROAD READY WEIGHT</b>
<b>NO ADJUSTMENT</b>



## 2 CONFIGURED PRODUCT: VEHICLE CONFIGURATION MODEL

### 2.1 POWER UNIT SPECIFICATION SUMMARY

<b>CHASSIS</b>	CASCADIA 126 INCH DAY CAB
<b>GVW</b>	EXPECTED GROSS VEHICLE WEIGHT CAPACITY
	4225MM (166") WHEELBASE
<b>GEAR RATIO</b>	2.80 REAR AXLE RATIO
<b>ENGINE</b>	CUM X15 450 HP @ 1700 RPM, 1700 GOV RPM, 1650 LB-FT @ 950 RPM
<b>ENGINE BRAKE</b>	CUMMINS INTEBRAKE BRAKE W/HIGH MED LOW B RAKE
<b>FUEL TANK</b>	80 GALLON / 302 LITER ALUMINUM FUEL TANK - LH
<b>FUEL TANK</b>	80 GALLON / 302 LITER ALUMINUM FUEL TANK - RH
	CAB COLOR A: L3111EY BLUE ELITE EY
<b>TRANSMISSION</b>	EEO-16F112C ENDURANT AUTOMATED MANUAL TRANSMISSION

<b>Selected Packages</b>
STD FUEL TANK CAPS (PKG 285)
EATON ENDURANT AUTOMATED TRANSMISSION (Pkg 470) DC-SA
NO PTO SWITCH OR PREP (PKG 263)
OMIT LANE DPARTURE WARNING PKG 521)
OMIT COLLISION MITIGATION SYSTEM (PKG 265)
DAYCAB ROOF AIR DEFLECTOR (Pkg 197)
NO CAB SIDE EXTENDERS (Cascadia daycab) (PKG 270)
PROFESSIONAL TRIM PKG W/O CHASSIS FAIRING (PKG 271)
Standard Horizontal Exhaust Package
FLEETLINE POLY 1/4 FENDER (PKG 281)
STD 5TH WHEEL RELEASE pkg 282
STD PAINTED WHITE STEEL WHEELS (PKG 355)
CASCADIA RANDOM KEYCODES (PKG 292)
AIR RIDE DRIVER SEAT (PKG 294)
STATIONARY PASSENGER SEAT (PKG 295)
HIGH VIS ORANGE SEATBELTS (PKG 293)
DUAL DRIVER AND PASSENGER SEAT ARMRESTS (Pkg 68)
FREIGHTLINER AM/FM/WB BLUETOOTH RADIO (PKG 299)
AIR SUSPENSION DUMP VALVE WITH GAUGE (Pkg 70)
STD MOLD IN COLOR BUMPER
NO BUMPER/GRILLE GUARD (PKG 356)
DARK GREY HEATED PRIMARY MIRRORS WITH REMOTE (PKG 303)
FLUSH MOUNT UTILITY LIGHTS BOC (PKG 306)
SOLAR TINTED REAR WINDOW GLASS (PKG 308)
CASCADIA STD COILED AIR/ELECTRIC LINES (PKG 360)
CUMMINS X15 450 HP, 1650 LB-FT TORQUE (Pkg 108)

Custom Quote, Imported Lines
EXPECTED GCW 65000LBS
RATED GVW 33000LBS
4225MM (166") WHEELBASE
CA 91"
REF. QSPEC: QC3175
NO OBSTACLE DETECTION SYSTEM
EXTERIOR SUN VISOR
PDI INSTALLED RYDER LEASE DECALS WITH WHITE UNIT NUMBERS
NO ADJUSTMENT
NO DETROIT CONNECT SERVICES SELECTED
VISOR MTD LED MARKER LIGHTS
DELCO 12V 39MT HD/OCP STARTER W/THERMAL PROTECTION & INTEGRATED MAGNETIC SWITCH
NO LANE DEPARTURE WARNING SYSTEM
ENG BRK W/CC ENABLED AT 2 MPH ABOVE SET SPEED, 1 MPH INC BTWN BRKG LVLS
UTILITY LIGHT SWITCH IN DASH
ROTARY HDLAMP SWITCH, MRKR LTS/HDLTS SW W/PULL OUT FOR OPT FOG/RD LMPS
ELECTRONIC CRUISE CONTROL W/CONTROLS ON STEERING WHEEL SPOKES
NO CARB22 BASE WARRANTY
CC SPEED LIMIT SAME AS RSL
5 MINUTE IDLE SHUTDOWN - CONTINUOUS OVERRIDE W/CLUTCH & SVC BRK
CAB COLOR A: L3111EY BLUE ELITE EY
SUNVISOR PAINTED SAME AS CAB COLOR A
9820 LBS : FRONT - ROAD READY WEIGHT
6102 LBS : REAR - ROAD READY WEIGHT
15922 LBS : TOTAL - ROAD READY WEIGHT
NO ADJUSTMENT

## 2.2 SPEC DETAILS

### 2.2.A 01-POWER UNIT, CONVENTIONAL S/A NON-SLEEPER, 011-892, FREIGHTLINER, NEW CASCADIA

Description	2.80 REAR AXLE RATIO
<b>CHASSIS</b>	<b>BRAKES, PARKING</b>
CASCADIA 126 INCH DAY CAB	WABCO TRISTOP D-IBV LONGSTROKE 1-DRIVE AXLE SPRING PARKING CHAMBERS
SET BACK AXLE - TRACTOR	<b>BRAKES, SERVICE</b>
EXPECTED GROSS VEHICLE WEIGHT CAPACITY	MERITOR 16.5X5 Q+ CAST SPIDER CAM FRT BRKS, DBL ANCHOR, PLAT SHLD FAB'D SHOES
DOMICILED, USA 50 STATES (INCLUDING CALIFORNIA AND CARB OPT-IN STATES)	MERITOR 16.5X8.62 Q+ CAST SPIDER CAM RR BRKS, DBL ANCHOR, PLAT SHLD FAB'D SHOES
FREIGHTLINER LEVEL I WARRANTY	2011/2013-FMVSS 121 RSD FRONT BRAKE LINING
BBC 126.1" C/L - F/A 49.2".	2011/2013-FMVSS 121 RSD REAR BRAKE LININGS
CALC'D FRAME LENGTH BACK OF CAB	HALDEX LONGSTROKE FRONT BRAKE CHAMBERS
CORPORATE PDI CENTER IN-SERVICE AND OPTION INSTALLATION/MODIFICATION	PULL CABLE ON WET TANK, PETCOCK DRAIN VALVES ON ALL OTHER AIR TANKS
NO ELECTRONIC DEVICES, PDI INST (SCO)	PETCOCK ON ALL OTHER TANKS
LEASE/RENTAL BUSINESS SEGMENT	LOW AIR PRESSURE INDICATOR LT & AUDIBLE ALARM
LINEHAUL/LONG HAUL SERVICE	NO FRONT BRAKE DUST SHIELDS
VAN TRAILER	NO REAR BRAKE DUST SHIELDS
SINGLE (1) TRAILER	CONMET CAST IRON FRONT BRAKE DRUMS
EXPECTED FRONT OF TRAILER TO KINGPIN DIM	CONMET CAST IRON REAR BRAKE DRUMS
EXPECTED TRAILER CORNER RADIUS	STEEL AIR BRAKE RESERVOIRS
EXPECTED TRAILER WIDTH	15' COILED TRAILER AIR HOSE WITH 48" TRACTOR, 12" TRAILER LEADS
EXPECTED MAXIMUM TRAILER SWING RADIUS	NO TRAILER HAND CONTROL BRAKE VALVE
EXPECTED MAXIMUM TRAILER DIP ANGLE	BW TRACTOR PROTECTION VALVE
GENERAL FREIGHT COMMODITY	COMBINATION DUMMY GLAD HANDS & LT PLUG HOLDER MTD LH BOC W/GROUND ACCESS
TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS	WABCO SYSTEM SAVER HP WITH INTEGRAL AIR GOVERNOR AND HEATER
SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRNS (BTWN SITES) RD SRFC	WABCO OIL COALESCING FILTER FOR AIR DRYER
<b>EXPECTED GCW 6500LBS</b>	MERITOR AUTOMATIC FRONT SLACK ADJUSTERS
<b>RATED GVW 33000LBS</b>	MERITOR AUTOMATIC REAR SLACK ADJUSTERS
<b>4225MM (166") WHEELBASE</b>	<b>WABCO 4S/4M ABS W/HILL START AID AND TRACTION CONTROL W/ATC SHUT OFF SWITCH</b>
<b>CA 91"</b>	<b>(2)VLV PRK BRK SYS W/DASH VLV CTRL AUTONEUTRAL &amp; WRNG IND</b>
<b>AXLE, FRONT</b>	<b>CUMMINS NATURALLY ASPIRATED 18.7 CFM AIR COMPRESSOR W/INTERNAL SAFETY VALVE</b>
MERITOR MFS+ 12,000# FF1 71.0 INCH KPI/ 3.50 INCH DROP SINGLE FRONT AXLE	<b>CAB</b>
EXPECTED FRONT AXLE(S) LOAD	GENERIC TELEMATICS PWR (CNST BATT PWR/IGN/GRD/J1939)RP1226 CONN @ PASS SD DASH WIRING ONLY.....
FRONT SHOCK ABSORBERS	NO SIDE OBJECT DETECTION SYSTEM
GUARANTEED NAME BRAND "ROADRANGER SYNTHETIC" FE 75W-90 FRONT AXLE LUBE	NO LATERAL VEHICLE CONT SYS(SCO)
CONMET PRESET PLUS PREMIUM IRON FRONT HUBS	NO DRIVER FACING CAMERA
<b>AXLE, REAR</b>	NO SLEEPER BOX/SLEEPER CAB
MERITOR RS-23-161 23,000# R-SRS SINGLE REAR AXLE	126" BBC ALUMINUM CONVENTIONAL CAB
EXPECTED REAR DRIVE AXLE(S) LOAD	AERODYNAMIC HOOD
NO TRACTION EQUALIZER	90 DEGREE TILT
MAGNETIC PLUGS, ENG DRAIN, TRANSMISSION FILL & DRAIN, AXLE(S) FILL & DRA	CHROME GRILLE WITH INTEGRAL SURROUND
TRANS/AXLE FILL & DRAIN	
GUARANTEED NAME BRAND "ROADRANGER SYNTHETIC" FE 75W-90 REAR AXLE LUBE	
CONMET PRESET PLUS PREMIUM IRON REAR HUBS	

DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME KEY QUANTITY OF 4	STANDARD INSULATION
SINGLE ELECTRIC WINDSHIELD WIPER MOTOR W/DELAY	ENGINE COMPARTMENT PREMIUM NOISE ABATEMENT AND INSULATION
8 LITER( GAL)WINDSHIELD WASHER RESERVOIR CAB MOUNTED, W/O FLUID LEVEL INDICATOR	NOISE ABTMT AND INSUL
LH BOC ACCESS	STANDARD SIDE/REAR REFLECTORS
GRAB HANDLE, ACCESS STEP	NONREMOVABLE BUGSCREEN MTD BEHIND GRILLE
INTERIOR GRAB HANDLES W/ADDED LOWER LH & RH A PILLAR GRAB HANDLES	PDI PERFORMED INITIAL FEDERAL FMCSR 396.11A DOT INSPECTION
STD LED CAB LIGHTING	2-1/2 LB. FIRE EXTINGUISHER MOUNTED OUTBOARD OF DRIVER SEAT
35" (875MM) DECK PLATE FLUSH MOUNTED BETWEEN RAILS	OUTBD OF DRIVERS SEAT.MOUNT
DUAL BLACK HTD AERO MIRRORS W/INTEGRAL CONVEX & LH/RH RMT	W/NOZZLE & GAUGE FACING AFT
102" EQUIPMENT WIDTH	TRIANGULAR REFLECTORS W/O FLARES
RH DOWN VIEW MIRROR	(2) 28"X22" SOLAR TINTED REAR WINDOWS
RH/LH HEATED BLACK HOOD/FENDER MTD MIRRORS	<b>NO OBSTACLE DETECTION SYSTEM</b>
DRIVER/PASS INTERIOR SUN VISORS	<b>DUAL DRIVER AND PASSENGER SEAT ARMRESTS</b>
(3) DASH MOUNTED POWER OUTLETS AND COIN TRAY	<b>EATON ENDURANT HEAVY DUTY AUTOMATED MANUAL TRANSMISSION CLUTCH</b>
NO CUP/THERMOS HOLDER	<b>NO CLUTCH RELEASE BEARING LUBE</b>
AIR CAB MOUNTING	<b>NO CLUTCH RELEASE</b>
1-PIECE ROPED-IN SOLAR GREEN GLASS WINDSHIELD	<b>NO OBSTACLE DETECTION SYSTEM</b>
SOLAR TINTED DOOR GLASS LH & RH WITH TINTED FORWARD SIDE GLASS	<b>EXTERIOR SUN VISOR</b>
FORWARD ROOF MOUNTED CONSOLE WITH DOORS RH & LH	<b>PDI INSTALLED RYDER LEASE DECALS WITH WHITE UNIT NUMBERS</b>
CLOTH INTERIOR.....	<b>CLUTCH</b>
SLATE GRAY BASE LEVEL INTERIOR	<b>COOLING</b>
SLATE GRAY WITH TECH HARD TRIM	1400 SQ-IN FE RADIATOR
STANDARD LH DOOR TRIM	LOWER RADIATOR GUARD
STANDARD RH DOOR TRIM	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES
BLACK MATS AND ACCELERATOR RUB PAD	ANTIFREEZE TO -34F, OAT (NITRITE & SILICATE FREE) EXTENDED LIFE COOLANT
NO SUPPLEMENTAL RESTRAINT SYSTEM	AUTOMATIC FAN CONTROL W/O DASH SWITCH, NON ENGINE MTD
3PT HI VIS ORANGE ADJ D-RING DR &FIXED D-RING PASS W/DR STAT IND LT&AUD	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT
BASIC 2.0 HB AIR SUSP DRIVER SEAT W/1 CHAMBER LMBR, INT CUSH EXT & TILT	TC2: HD STD ON-HWY 3 YEARS/250,000 MILES /402,500 KM EXTENDED TRUCK COVERAGE
BLACK MORDURA CLOTH DRIVER SEAT COVER	<b>AIR POWERED ON/OFF ENG FAN CLUTCH</b>
BASIC 2.0 HB NON SUSP PASSENGER SEAT	<b>NO ADJUSTMENT</b>
BLACK MORDURA CLOTH PASSENGER SEAT COVER	<b>NO ADJUSTMENT</b>
DAY CAB ADJ AERODYNAMIC DFLCTR, FACTORY PNTD & INSTL, BACKWALL BRKTS PNTD BL	<b>DRIVELINE</b>
NO SIDE EXTENDERS	RPL25SD MERITOR MAIN DRIVELINE
AM/FM/WB WORLD TUNER RADIO W/BLUETOOTH, USB & AUXILIARY INPUTS, J1939	<b>ELECTRICAL</b>
NO DIGITAL SATELLITE AUDIO RECEIVER ANTENNA	AUTOMATIC SELF-RESET CIRCUIT BREAKERS WITH SPARE FUSE KIT
SINGLE AIR HORN UNDER LH DECK	MANUAL TURN SIGNAL SWITCH WITH DIMMER, HEADLAMP FLASH, WASH/WIPE/INTERMITTENT
HEATER, DEFROSTER AND AIR CONDITIONER WITH CONSTANT OUTLET TEMPERATURE CONTROL	LED SIDE TURN SIGNAL
HVAC DUCTING W/MAIN FRESH AIR FILTER	ELECTRONIC 2500 RPM TACHOMETER
MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH W/CONSTANT TEMP CONTROL	ELECTRONIC MPH SPEEDOMETER.
BLACK DOOR HANDLES	ODOMETER ACCURACY (+/-1%)..
RH/LH ELECTRIC POWERED WINDOWS	(2) TMC RP1226 ACC CONNS: (1)LCT BHND PASS SD RMVBL DSH PNL &(1)CNTR OVHD CN
LH & RH ELCT DR LCKS W/AUTO UNLCK FTR WHEN DOOR IS SET FROM OPN TO CLS PSTN	HD OBD INTFC CONN LOC BLW LH DASH
NO SECURITY DEVICE	PREMIUM INSTRUMENT CLUSTER W/5.0" TFT COLOR DISPLAY

DETROIT CONNECT PLATFORM HARDWARE	<b>PROTECTION &amp; INTEGRATED MAGNETIC SWITCH</b>
LED LOW BEAM & HIGH BEAM HEADLIGHTS	<b>NO LANE DEPARTURE WARNING SYSTEM</b>
(2)FLUSH LED UTIL LTS MTD BOC/S	<b>ROTARY HDLAMP SWITCH, MRKR LTS/HDLTS SW W/PULL OUT FOR OPT FOG/RD LMPS</b>
F/L LED FLANGE MTD STOP/TAIL/TURN LTS W/SEP LED BU LTS & SWIFT-STYLE BRKT	<b>ELECTRONIC CRUISE CONTROL W/CONTROLS ON STEERING WHEEL SPOKES</b>
KEY OPERATED IGN SW & INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACC	<b>ENGINE</b>
DR 12V 160 AMP 36-SI BRUSHLESS QUADRAMOU NT PAD ALT W/REMOTE BATTERY VOLT SENSE	2016 OBD/2010 EPA/CARB/GHG17 ESCALATOR
W/REMOTE VOLTAGE SENSOR	2008 CARB EMISSION CERT - CLEAN IDLE (INCL 6"X4" LBL LWR FWD CRNR DR DOOR)
ELECTRONIC STABILITY CONTROL	65 MPH ROAD SPEED LIMIT
PLASTIC BATTERY BOX COVER	FLOCS OIL EVACUATION FITTING WITH AEROQUIP FD14 FITTING AND DIRECT ACCESS
(4) DTNA GENUINE,CLAF1150,FLOOD STARTING &CYCLING,MIN 2800CCA,760RC,THRD STU	INTAKE MOUNTED AIR RESTRICTION INDICATOR WITH GRADUATIONS
SGL BATT BOX FRM MTD LH SIDE UNDER CAB	DUAL SIDE OF HOOD AIR INTAKE WITH ENGINE MOUNTED AIR CLEANER
STEEL BATTERY BOX WITH ENCLOSED TRAY	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM
WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN	ENGINE PROT SYSTEM-AUDIBLE
CABLES W/ADDT'L FRAME GRND	LOW COOLANT LEVEL ALRM SYS
PRE-TRIP INSPECTION FEATURE FOR EXTERIOR LAMPS ONLY	WARNING LTS/HI-WATER TMP
NO SUPPLEMENTAL TRAILER CABLE WIRING	LOW OIL PRESSURE
NO SUPPLEMENTAL J560 7-WAY TRLR ABS RECEPTACLE	CHROME ENGINE HEATER RECEPTACLE MTD UNDER LH DOOR
15' PHILLIPS LECTRACOIL DETACH COILED ELEC CBL W/J560 CONN & METAL HSG ENDS	NO COOLANT HEATER - GAS/DSL
NO SUPPLEMENTAL TRAILER ELEC CABLE	<b>2010 EPA/CARB/GHG21 CONFIGURATION</b>
36" SS SLIDE BAR WITH SPRING TYPE AIR HOSE HANGER	<b>CUMMINS ATS CARB22: X15 EFFICIENCY AT3 5 YEARS / 500,000 MILES / 805,000 KM</b>
SAE J560 7-WAY PRIMARY TRAILER CABLE RECEPTACLE MTD LOWER LH BOC	<b>CUMMINS ENG CARB22: X15 EFFICIENCY HD1 5 YEARS / 500,000 MILES / 805,000 KM</b>
NO PLUMBING FOR AIR TO EOF	<b>RADIATOR DRAIN VALVE</b>
PRIMARY CONNECTOR/RECEPTACLE WIRED FOR SEP STOP/TURN,ABS CTR PIN PWRD THRU IGN	<b>RYDER- CUMMINS ATS WARRANTY (\$800)</b>
NO ADDITIONAL TRAILER CABLE RECPT	<b>RYDER HD CUMMINS ENGINE -(\$750)</b>
PWR&GRND WRG PROV OVERHEAD	<b>CUM X15 450 HP @ 1700 RPM, 1700 GOV RPM, 1650 LB-FT @ 950 RPM</b>
ROOF/OVERHEAD CONSOLE CB RADIO PROVISION	<b>LBSC ENHANCED ENABLED 1650 RPM</b>
SHARKFIN MULTI-BAND ANTENNA: AM/FM/WB, WIFI/BT, SDAR, GNSS/GPS	<b>CC SPEED LIMIT SAME AS RSL</b>
SGL LH CB ANTENNA	<b>CUMMINS SPIN ON FUEL FILTER</b>
NO AM/FM RADIO ANTENNA	<b>DAVCO 485 F/W SEPARATOR W/12V &amp; 120V PRE HEATER &amp; WATER IN FUEL SENSOR W</b>
PRECO/ECCO 1040 87 TO 112 DECIBELS AUTOMATIC SELF-ADJUSTING BACKUP ALAR	<b>IDLE LIMITER, ELECTRONIC ENGINE</b>
NO HIGH CURRENT RECEPTACLE/WIRING	<b>5 MINUTE IDLE SHUTDOWN - CONTINUOUS OVERRIDE W/CLUTCH &amp; SVC BRK</b>
NO HIGH CURRENT TRAILER/BODY CABLE	<b>CUMMINS INTEBRAKE BRAKE W/HIGH MED LOW B RAKE</b>
<b>NO DETROIT CONNECT SERVICES SELECTED</b>	<b>PHILLIPS-TEMRO 1500 WATT/115 VOLT BLOCK HEATER</b>
<b>HEADLIGHTS ON W/WIPERS W/DAYTIME RUNNING LIGHTS</b>	<b>NO CARB22 BASE WARRANTY</b>
<b>DELCO 12V 39MT HD/OCP STARTER W/THERMAL PROTECTION &amp; INTEGRATED MAGNETIC SWITCH</b>	<b>CC SPEED LIMIT SAME AS RSL</b>
<b>NO LANE DEPARTURE WARNING SYSTEM</b>	<b>5 MINUTE IDLE SHUTDOWN - CONTINUOUS OVERRIDE W/CLUTCH &amp; SVC BRK</b>
<b>NO REGEN SYSTEM TAILORING</b>	<b>EXHAUST</b>
<b>ROTARY HDLAMP SWITCH, MRKR LTS/HDLTS SW W/PULL OUT FOR OPT FOG/RD LMPS</b>	RH OB UNDER STEP MTD HZ ATSA W/RH HZ TAILPIPE
<b>ELECTRONIC CRUISE CONTROL W/CONTROLS ON STEERING WHEEL SPOKES</b>	NO EXHAUST BRIGHTWORK (PLAIN)
<b>NO DETROIT CONNECT SERVICES SELECTED</b>	STANDARD EXHAUST SYSTEM LENGTH
<b>VISOR MTD LED MARKER LIGHTS</b>	RH STANDARD HORIZONTAL TAILPIPE
<b>DELCO 12V 39MT HD/OCP STARTER W/THERMAL</b>	NO MUFFLER/TAILPIPE SHIELD

<p><b>FRAME</b></p> <p>8.0MMX88.0MMX281.0MM STEEL FRAME (0.31"X3.46"X11.06") 120 KSI</p> <p>850MM (33") REAR FRAME OVERHANG</p> <p>FLANGED TAPERED END OF FRAME</p> <p>DARK GRAY AERO BMPR W/CHROME OVERLAY</p> <p>REMOVABLE FRONT TOW/RECOVERY DEVICE, STORED ON CHASSIS FRAME</p> <p>NO FOG LIGHTS</p> <p>FLEETLINE BLACK POLY QTR FENDERS W/BLACK RUBBER FLAPS W/O FAIRINGS</p> <p>NO FRAME SIDE FAIRINGS</p> <p>NO DRIVE WHEEL FAIRINGS - CHASSIS</p> <p>NO AERODYNAMIC SKIRT FOR CHASSIS FAIRINGS</p> <p>NO REAR TOWING DEVICE</p> <p>NO FORWARD CHASSIS FAIRING SUPPORT</p> <p>NO AERO WHEEL WELL FAIRING</p> <p>TRACTOR C-CHANNEL CROSSMEMBER WITH 3.5" KINGPIN CLEARANCE</p> <p>HUCK-SPIN ROUND COLLAR CHASSIS FASTENERS</p> <p>SUSP/FIFTH WHL ANGLES</p> <p>JOST JSK37 SERIES FLAT PLATE MOUNTED STATIONARY FIFTH WHEEL</p> <p>5TH WHEEL 203MM(08.0")AHEAD OF SUSP C/L</p> <p>REQUESTED MIN UNLADEN 5TH WHEEL HEIGHT</p> <p>REQUESTED MAX UNLADEN 5TH WHEEL HEIGHT</p> <p>LH 5TH WHEEL RELEASE</p> <p>174MM (6.85") 5TH WHEEL HEIGHT</p> <p>PLATE MOUNT - FIFTH WHEEL MOUNTING</p> <p>ADDITIONAL 5TH WHEEL DRILLINGS @ 2", 4" 6" FORE AND AFT OF BOLT DOWN POSITION</p>	<p>POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)</p> <p><b>CAB COLOR A: L3111EY BLUE ELITE EY</b></p> <p><b>STEERING</b></p> <p>TRW THP-60 POWER STEERING</p> <p>ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN</p> <p>4-SPOKE 18" (450MM) BLACK STEERING WHEEL WITH SWITCHES</p> <p><b>SUSPENSION</b></p> <p>NO AIR PP &amp; CONT-DIFF LKOUT,CAB</p> <p>NO DIFFERENTIAL LOCK WIRING/LOGIC</p> <p>12,500# TAPERLEAF FRONT SUSPENSION</p> <p>MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION</p> <p>AIRLINER HIGH POSITION RIDE HEIGHT</p> <p>REAR AIR SUSP DUMP VALVE AUTOFILL &gt;5 MPH WITH INDICATOR LIGHT</p> <p>AUTOFILL &gt;5 MPH</p> <p>AIRLINER 21,000# LIGHTWEIGHT REAR SUSPENSION WITH CHAIN CLEARANCE</p> <p>W/LAST STATE RETENTION</p> <p><b>IGN CONTROLLED ELECTRIC DUMP SWITCH FOR AIR SUSP W/STATE RETENTION &amp; GAUGE</b></p> <p><b>TIRES</b></p> <p>GOODYEAR LOW PROFILE</p> <p>GOODYEAR ENDURANCE LHS 295/75R22.5 14 PLY RADIAL FRONT TIRES</p> <p>FRONT: 110 PSI (+/- 1 PSI)</p> <p>GOODYEAR ENDURANCE LHD 295/75R22.5 14 PLY RADIAL REAR TIRES</p> <p>REAR: 95 PSI (+/- 1 PSI)</p> <p><b>TRANSMISSION</b></p> <p>SYNTHETIC TRANSMISSION LUBE</p> <p>NO MAIN TRANSMISSION MOUNTED PTO</p> <p>NO PTO MOUNTING LOCATION SPECIFIED</p> <p>NO PTO CONTROLS</p> <p><b>EEO-16F112C ENDURANT AUTOMATED MANUAL TRANSMISSION</b></p> <p><b>NO TRANSMISSION OIL COOLER</b></p> <p><b>NO TRANS CONTROL UNIT/SOFTWARE</b></p> <p><b>HD ELEC TRANS SHIFT CTRL, COLUMN MTD</b></p> <p><b>ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR FIREWALL MOUNTED</b></p> <p><b>WHEELS AND RIMS</b></p> <p>ACCURIDE 51487 ACCU-LITE 22.5X8.25 10-HP 6.16 INSET 5-HAND STL DISC FRT WHLS</p> <p>NO REAR AXLE WHEEL/HUB COVER</p> <p>ACCURIDE 51487 ACCU-LITE 22.5X8.25 10-HP 5-HAND STEEL DISC REAR WHEELS</p> <p>HALTEC DS1 DBL SEAL CAPS, FRT &amp; RR &amp; NYLON WHL GRDS, FRT &amp; RR ALL IN</p> <p>NO TIRE PRESSURE CONTROL/SENSOR</p> <p>NO RIM/WHEEL TIRE PRESSURE SENSOR</p> <p>FRONT OIL SEALS</p> <p>REAR OIL SEALS</p>
<p><b>FUEL TANKS</b></p> <p>FUEL TANK(S) AFT</p> <p>PLAIN STEP FINISH</p> <p>80 GALLON / 302 LITER ALUMINUM FUEL TANK - LH</p> <p>80 GALLON / 302 LITER ALUMINUM FUEL TANK - RH</p> <p>25" DIAMETER FUEL TANK(S)</p> <p>PLAIN ALUMINUM/PAINTED STEEL FUEL/ HYDRAULIC TANK(S) WITH PAINTED BANDS</p> <p>RH ATS CAB ACCESS W/PLAIN DIAMOND PLATE COVER</p> <p>13 GALLON DEF TANK</p> <p>NO DEF TANK COVER</p> <p>EQUIFLO INBOARD FUEL SYSTEM</p> <p>FUEL TANK CAP(S)</p> <p>FUEL TANK FILLER NECK ANTI-SIPHON INSERT</p> <p>SIPHON INSERTS (DUAL TANKS)</p> <p>100% DEF FILL</p> <p>STANDARD DEF TANK CAP</p>	
<p><b>PAINT</b></p> <p>PAINT: ONE SOLID COLOR</p> <p>BASE COAT CLEAR COAT.....</p> <p>BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT</p> <p>NO BUMPER PAINT</p> <p>POWDER WHITE (N0006EA) FRT WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)</p>	

BETTS B-84 PAINTED COILED SPRING HD MUDFLAP BRACKETS
SYMPLASTICS SPRAY GUARD BLACK MUDFLAPS, NO LOGO
NO TIRE INFLATION DEVICE/SYSTEM
<b>WEIGHTS</b>
*** WEIGHTS ***
*** RYDER BASE SPO (ONLY)
CHASSIS WEIGHT (ROAD READY) (INCLS FUEL, DRVR, DEF)
LISTED WEIGHTS ARE +/-1.5%
<b>9820 LBS : FRONT - ROAD READY WEIGHT</b>
<b>6102 LBS : REAR - ROAD READY WEIGHT</b>
<b>15922 LBS : TOTAL - ROAD READY WEIGHT</b>
<b>FREIGHT</b>
RYDER FREIGHT
<b>MISCELLANEOUS</b>
NONE
RYDER MY19 INCREASE
RYDER MY20 INCREASE
RYDER MY22 INCREASE
RYDER MY23 INCREASE
*****
<b>Alternative</b>
<b>PACKAGES</b>
<b>EATON ENDURANT AUTOMATED TRANSMISSION (Pkg 470) DC-SA</b>
<b>OMIT LANE DPARTURE WARNING PKG 521)</b>
<b>OMIT COLLISION MITIGATION SYSTEM (PKG 265)</b>
<b>DUAL DRIVER AND PASSENGER SEAT ARMRESTS (Pkg 68)</b>
<b>AIR SUSPENSION DUMP VALVE WITH GAUGE (Pkg 70)</b>
<b>CUMMINS X15 450 HP, 1650 LB-FT TORQUE (Pkg 108)</b>

<b>IMPORTED ITEMS</b>
<b>IMPORTED ITEMS</b>
<b>EXPECTED GCW 65000LBS</b>
<b>RATED GVW 33000LBS</b>
<b>4225MM (166") WHEELBASE</b>
<b>CA 91"</b>
<b>REF. QSPEC: QC3175</b>
<b>NO OBSTACLE DETECTION SYSTEM</b>
<b>EXTERIOR SUN VISOR</b>
<b>PDI INSTALLED RYDER LEASE DECALS WITH WHITE UNIT NUMBERS</b>
<b>NO ADJUSTMENT</b>
<b>NO DETROIT CONNECT SERVICES SELECTED</b>
<b>VISOR MTD LED MARKER LIGHTS</b>
<b>DELCO 12V 39MT HD/OCP STARTER W/THERMAL PROTECTION &amp; INTEGRATED MAGNETIC SWITCH</b>
<b>NO LANE DEPARTURE WARNING SYSTEM</b>
<b>ENG BRK W/CC ENABLED AT 2 MPH ABOVE SET SPEED, 1 MPH INC BTWN BRKG LVLS</b>
<b>UTILITY LIGHT SWITCH IN DASH</b>
<b>ROTARY HDLAMP SWITCH, MRKR LTS/HDLTS SW W/PULL OUT FOR OPT FOG/RD LMPS</b>
<b>ELECTRONIC CRUISE CONTROL W/CONTROLS ON STEERING WHEEL SPOKES</b>
<b>NO CARB22 BASE WARRANTY</b>
<b>CC SPEED LIMIT SAME AS RSL</b>
<b>5 MINUTE IDLE SHUTDOWN - CONTINUOUS OVERRIDE W/CLUTCH &amp; SVC BRK</b>
<b>CAB COLOR A: L3111EY BLUE ELITE EY</b>
<b>SUNVISOR PAINTED SAME AS CAB COLOR A</b>
<b>9820 LBS : FRONT - ROAD READY WEIGHT</b>
<b>6102 LBS : REAR - ROAD READY WEIGHT</b>
<b>15922 LBS : TOTAL - ROAD READY WEIGHT</b>
<b>NO ADJUSTMENT</b>

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Jim Bango  
Owner  
CUSTOM RECYCLING INC

\_\_\_\_\_  
Tim Kingdon  
Field Operations Manager II  
Ryder System, Inc.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date