

AshtonLeasing

AND

Houston Freightliner

2007 Year Model Freightliner

COLUMBIA CL120 CONVENTIONAL CHASSIS



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TRUCK SPECIFICATION

Engine

DDC 60-14.0L 470/515 HP @ 1800 RPM; 2100 GOV
RPM, C/P 1650 LB/FT @ 1200 RPM

Electronic Parameters

ROAD SPEED LIMIT MPH : 75.0

Engine Equipment

2004 EPA/CARB EMISSION CERTIFICATION
ENGINE MOUNTED OIL CHECK AND FILL
ONE PIECE VALVE COVER
LOWER WINDSHIELD AIR INTAKE WITH
DONALDSON AIR CLEANER MOUNTED IN ENGINE
COMPARTMENT
DR 12V 135 AMP 35-SI QUADRA MOUNT PAD
ALTERNATOR WITH REMOTE BATTERY VOLT
SENSE AND TEMPERATURE COMPENSATED
REGULATOR
(4) ALLIANCE 7T31 GROUP 31 12V MF 2800 CCA
THREADED STUD BATTERIES
CONVENTIONAL STYLE BATTERY BOX, DIAMOND
PLATE FACE, FRAME MOUNTED, BOC ACCESS
SINGLE BATTERY BOX FRAME MOUNTED LH SIDE
BACK OF CAB
FRAME GROUND RETURN FOR BATTERY CABLES
NON-POLISHED BATTERY BOX COVER
POSITIVE POST FOR JUMP START
DELCO REMY/SURE POWER LOW VOLTAGE
BATTERY DISCONNECT AT 12.3 VOLTS FOR
ISOLATED CIRCUITS WITH ONE MINUTE ALARM
EATON FULLER 15-1/2" DAMPENED CERAMIC SOLO
CLUTCH, 7 SPRING, ADJUSTMENT FREE, SOFT-
RATE
TORQUE-LIMITING CLUTCH BRAKE
ZERK FITTING WITH EXTENSION HOSE AT CLUTCH
RELEASE BEARING



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BW 15.9 CFM MODEL BA-921 SINGLE CYLINDER
COMPRESSOR
TEFLON COMPRESSOR DISCHARGE LINE
ELECTRONIC ENGINE INTEGRAL SHUTDOWN
PROTECTION SYSTEM
JACOBS COMPRESSION BRAKE
CAB/FRAME MOUNTED VERTICAL, SINGLE
EXHAUST
13' 06" (162"+0/-6") EXHAUST SYSTEM HEIGHT
CHROME UPPER STACK(S), ELBOW(S) AND
CLAMP(S)
VERTICAL CURVED TAILPIPE(S), RH (SINGLE
EXHAUST) OR RH AND LH SIDES (DUAL EXHAUST)
STAINLESS STEEL AFTERTREATMENT
DEVICE/MUFFLER/TAILPIPE SHIELD
HORTON DRIVEMASTER ON/OFF FAN DRIVE
AUTOMATIC FAN CONTROL WITH DASH SWITCH
AND INDICATOR LIGHT
OMIT FUEL FILTER(S)
FULL FLOW OIL FILTER
PENRAY NEED RELEASE WATER FILTER
1350 SQUARE INCH RADIATOR
ANTIFREEZE TO -34F, ETHYLENE GLYCOL PRE-
CHARGED SCA HEAVY DUTY COOLANT
GATES BLUE STRIPE COOLANT HOSES
CONSTANT TENSION HOSE CLAMPS FOR
COOLANT HOSES
PHILLIPS-TEMRO 1500 WATT/115 VOLT BLOCK
HEATER
BLACK PLASTIC ENGINE HEATER RECEPTACLE
MOUNTED UNDER LH DOOR
ALUMINUM FLYWHEEL HOUSING
DELCO 12V 39MT HD STARTER

Transmission

EATON FULLER FRO-16210C TRANSMISSION

Transmission Equipment

ALUMINUM CLUTCH HOUSING
MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION
FILL AND DRAIN, AXLE(S) FILL AND DRAIN



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PAINTED SHIFT LEVER, SOLID LINKAGE
AIR TO OIL TRANSMISSION COOLER
TRANSMISSION REAR SUPPORT LEAF SPRING

Front Axle and Equipment

AF-12.0-3 12,000# FF1 69.0 KPI/3.50 DROP SINGLE FRONT AXLE
MERITOR 15X4 Q+ CAM FRONT BRAKES
NON-ASBESTOS FRONT BRAKE LINING
CONMET CAST IRON FRONT BRAKE DRUMS
CHICAGO RAWHIDE SCOTSEAL PLUS XL FRONT OIL SEALS
VENTED FRONT HUB CAPS - OIL
STANDARD SPINDLE NUTS FOR ALL AXLES
MERITOR AUTOMATIC FRONT SLACK ADJUSTERS
STANDARD KING PIN BUSHINGS
TRW THP-60 POWER STEERING
POWER STEERING PUMP
2 QUART SEE THROUGH POWER STEERING RESERVOIR

Front Suspension

12,000# TAPERLEAF FRONT SUSPENSION
MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION
FRONT SHOCK ABSORBERS

Rear Axle and Equipment

ART-40.0-4 40,000# R-SERIES TANDEM REAR AXLE
3.42 REAR AXLE RATIO
IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING
RPL25 MERITOR MAIN DRIVELINE
RPL20 MERITOR INTERAXLE DRIVELINE
INTERAXLE AND/OR DIFFERENTIAL LOCKOUT WITH INDICATOR LIGHT
MOBIL SYNTHETIC 50W TRANSMISSION OIL AND 75W-90W ALL AXLES
MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES
NON-ASBESTOS REAR BRAKE LINING



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CAM BRAKE AUXILIARY SUPPORT BRACKETS
CONMET CAST IRON REAR BRAKE DRUMS
CHICAGO RAWHIDE SCOTSEAL REAR OIL SEALS
HALDEX LONG STROKE 1-DRIVE AXLE SPRING
PARKING CHAMBERS
MERITOR AUTOMATIC REAR SLACK ADJUSTERS

Rear Suspension

AIRLINER 40,000# REAR SUSPENSION
AIRLINER HIGH POSITION RIDE HEIGHT
STANDARD U-BOLT PAD
51" AXLE SPACING
MANUAL DUMP VALVE FOR AIR SUSPENSION WITH
INDICATOR LIGHT, GAUGE AND BUZZER
SINGLE AIR REAR SUSPENSION LEVELING VALVE
TRANSVERSE CONTROL RODS
REAR SHOCK ABSORBERS - TWO AXLES (TANDEM)
(AIR RIDE SUSPENSION)

Brake System

WABCO 4S/4M ABS WITHOUT TRACTION CONTROL
ENHANCEMENT
REINFORCED NYLON, FABRIC BRAID AND WIRE
BRAID CHASSIS AIR LINES
STANDARD BRAKE SYSTEM VALVES
RELAY VALVE WITH 5-8 PSI CRACK PRESSURE NO
REAR PROPORTIONING VALVE
BW AD-IS (DRM) BRAKE LINE AIR DRYER WITH
SHIELD, HEATER AND INTEGRAL RESERVOIR
STEEL AIR BRAKE RESERVOIRS
PULL CABLES ON ALL AIR RESERVOIR(S)

Trailer Connections

12' COILED TRAILER AIR HOSE
18" STAINLESS STEEL SLIDE BAR WITH SPRING
TYPE TRAILER AIR HOSE HANGER
COMBINATION DUMMY GLADHANDS AND LIGHT
PLUG HOLDER
PRIMARY CONNECTOR/RECEPTACLE CENTER PIN
POWERED THROUGH IGNITION



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SAE J560 7-WAY PRIMARY TRAILER CABLE
RECEPTACLE MOUNTED LOWER CENTER BACK OF
CAB

12' DETACHABLE COILED PRIMARY TRAILER
ELECTRICAL CABLE WITH SAE J560 CONNECTOR

Wheelbase & Frame

6100MM (240") WHEELBASE
11/32" X 3-1/2" X 10-3/16" STEEL FRAME (8.73MM X
258.8MM/.344" X 10.19") 120KSI
1450MM (57") REAR FRAME OVERHANG
FLANGED TAPERED END OF FRAME
STANDARD WEIGHT ENGINE CROSSMEMBER
STANDARD REARMOST CROSSMEMBER
STANDARD SUSPENSION CROSSMEMBER

Chassis Equipment

LH AND RH BACK OF CAB ACCESS
28" (700MM) DECK PLATE FLUSH MOUNTED
BETWEEN RAILS
AERODYNAMIC BUMPER - SOLID DARK GRAY
CENTER STEP RECESSED IN BUMPER
FRONT TOW HOOKS - FRAME MOUNTED
BUMPER MOUNTING FOR THREE LICENSE PLATES
BETTS B-7 PAINTED MUDFLAP BRACKETS
OMIT STANDARD MUDFLAPS
FRONT ANTI-SPRAY CAB MOUNTED MUDFLAPS
HUCK-SPIN ROUND COLLAR CHASSIS FASTENERS
PLASTIC QUARTER FENDERS WITH LOGO

Fifth Wheel

FONTAINE NO-SLACK II 6000 SERIES 6ATB 24.0" AIR
SLIDE FIFTH WHEEL
REQUESTED MIN UNLADEN 5TH WHEEL HEIGHT :
46.9 in
REQUESTED MAX UNLADEN 5TH WHEEL HEIGHT
5TH WHEEL 610MM(24.0")AHEAD OF SUSP C/L
197MM (7.75") FIFTH WHEEL HEIGHT
DASH MOUNTED CONTROL VALVE AND PLUMBING
FOR FIFTH WHEEL
SIDE LEFT FIFTH WHEEL RELEASE



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Fuel Tanks

150 GALLON/567 LITER ALUMINUM FUEL TANK - RH
150 GALLON / 567 LITER ALUMINUM FUEL TANK - LH
23" DIAMETER FUEL TANK(S)
PLAIN ALUMINUM/PAINTED STEEL
FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS
FUEL TANK(S) FORWARD
FUEL TANK STEP(S): LH AND RH
PLAIN STEP FINISH
FUEL TANK CAP(S)
DAVCO 382 FUEL/WATER SEPARATOR
EQUIFLO INBOARD FUEL SYSTEM
REINFORCED NYLON FUEL HOSE

Tires

295/75R22.5 14 PLY RADIAL FRONT TIRES
GOODYEAR G395 LHS 295/75R22.5 14 PLY RADIAL FRONT TIRES
295/75R22.5 14 PLY RADIAL REAR TIRES
GOODYEAR G372A 295/75R22.5 14 PLY RADIAL REAR TIRES

Hubs

CONMET PRE-SET BEARING ALUMINUM FRONT HUBS
CONMET ALUMINUM REAR HUBS

Wheels

ACCURIDE 29644A 22.5X8.25 10-HUB PILOT ALUMINUM FRONT WHEELS
ACCURIDE 28408 22.5X8.25 10-HUB PILOT 2-HAND STEEL DISC REAR WHEELS
POLISHED FRONT WHEELS (OUTSIDE ONLY)

Cab Exterior

120" CONVENTIONAL CAB
70" RAISED ROOF SLEEPER CAB
TRIM TABS, RAISED ROOF CABS
CAB/SLEEPER SIDE EXTENDERS - 102" WITH BLACK FLEXIBLE ENDS 11/7



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22" LH BAGGAGE DOOR WITH INTERIOR PULL CABLE
AIR CAB MOUNTS
NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE
LH/RH INTERIOR GRAB HANDLES
CHROME GRILLE WITH INTEGRAL SURROUND
SHEET MOLDED COMPOUND HOOD
HOOD AND TUNNEL/FIREWALL PREMIUM NOISE ABATEMENT AND INSULATION
SINGLE 14" ROUND HADLEY AIR HORN UNDER LH DECK
SINGLE ELECTRIC HORN
SINGLE HORN SHIELD
ALL LOCKS KEYED THE SAME
INTEGRAL HEADLIGHT/MARKER ASSEMBLY WITH CHROME BEZEL
MARKER LIGHTS INTEGRAL WITH SUN VISOR
4" ROUND CLEAR FOG LIGHTS RECESSED IN BUMPER
FREIGHTLINER LED FLANGE MOUNTED STOP/TURN/TAIL LIGHTS WITH SEPARATE BACKUP LIGHTS
STANDARD FRONT TURN SIGNAL LAMPS
(2) UTILITY LIGHTS FLUSH MOUNTED BACK OF CAB/SLEEPER
DUAL CAB COLOR HEATED ADR AERODYNAMIC MIRRORS WITH INTEGRAL CONVEX AND DUAL AXIS LEFT-HAND AND RIGHT-HAND REMOTE
DOOR MOUNTED MIRRORS
102" EQUIPMENT WIDTH
LH/RH CONVEX MIRRORS, INTEGRAL WITH PRIMARY MIRRORS
RH DOWN VIEW MIRROR
LH/RH FENDER MOUNTED 8" STAINLESS STEEL CONVEX MIRRORS WITH TRIPOD BRACKETS
STANDARD SIDE/REAR REFLECTORS
REAR REFLECTIVE DEVICE
(2) PAINTED SLEEPER VENTS, LH/RH
ONE PIECE FIBERGLASS EXTERIOR SUN VISOR



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TINTED DOOR GLASS LH AND RH WITH TINTED
OPERATING WING WINDOWS
RH AND LH ELECTRIC POWERED WINDOWS
TINTED AND SCREENED TIP-OUT WINDOWS ON
EACH SIDE OF ROOF CAP
LOWER RH DOOR WINDOW
TWO-PIECE TINTED CURVED BONDED
WINDSHIELD
8 LITER WINDSHIELD WASHER RESERVOIR
WITHOUT FLUID LEVEL INDICATOR

Cab Interior

OPAL GRAY VINYL INTERIOR
VINYL/CARPET DOOR TRIM WITH ADDITIONAL
ARCTIC SEAL PACKAGE
VINYL/CARPET DOOR TRIM WITH ADDITIONAL
ARCTIC SEAL PACKAGE
CAB BLACK FLOOR MATS WITH PREMIUM NOISE
ABATEMENT AND INSULATION
SLEEPER COLOR COORDINATED CARPET WITH
PREMIUM NOISE ABATEMENT AND INSULATION
FULL UNDER BUNK/BAGGAGE COMPARTMENT
LINER WITH BLACK MATS, PREMIUM NOISE
ABATEMENT/INSULATION AND REMOVABLE
PARTITIONS
DASH MOUNTED ASH TRAY AND LIGHTER, DRIVER
SIDE
LH LOWER SHORT COOLER CABINETY WITH
DRAWER AND WRITING SURFACE
RH LOWER TALL CLOSET WITH DOORS
LH UPPER TALL STORAGE CABINET WITH 3
REMOVABLE SHELVES AND DOORS
RH UPPER STORAGE CABINET (TALL) WITH 1
REMOVABLE SHELF, DOORS AND TELEVISION
CABINET
FORWARD ROOF MOUNTED CONSOLE WITH
LOCKING DOORS RH AND LH
FORWARD WASTE BIN MOUNTED BENEATH THE
DASH
LH/RH DOOR STORAGE POCKETS INTEGRATED
INTO MOLDED DOOR PANELS
STORAGE POCKETS/MIRROR MTD INSIDE CABT
DOOR & MAG RACK W/CUPHOLDER MTD ON CABT



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LIFTABLE LOWER BUNK - 40" WIDE
FOLDABLE UPPER BUNK
TENT-STYLE BUNK RESTRAINT FOR LOWER BUNK
DIGITAL FLUSH MOUNTED ALARM CLOCK IN
SLEEPER WITH ANALOG CLOCK IN OVERHEAD
CONSOLE
(2) CUP HOLDERS LH AND RH DASH
5 LB. FIRE EXTINGUISHER
HEATER, DEFROSTER AND AIR CONDITIONER
WITH CONSTANT OUTLET TEMPERATURE
CONTROL
HVAC DUCTING WITH MAIN FRESH AIR FILTER
MAIN HVAC CONTROLS WITH RECIRCULATION
SWITCH
AUXILIARY HEATER/AIR CONDITIONER WITH
CONSTANT OUTLET TEMPERATURE CONTROL
STANDARD HEATER PLUMBING
SANDEN COMPACT AIR CONDITIONER
COMPRESSOR
RADIATOR MOUNTED AIR CONDITIONER
CONDENSER
BINARY CONTROL, R-134A
CAB AND SLEEPER PREMIUM NOISE ABATEMENT
AND INSULATION
AUTO SELF-RESET CIRCUIT BREAKERS AND
FUSES
12V NEGATIVE GROUND ELECTRICAL SYSTEM
DOOR AND BUNK ACTIVATED LH AND RH BUNK
MOUNTED BAGGAGE COMPARTMENT LIGHTS
DOOR ACTIVATED DOME/RED MAP LIGHTS LH/RH
OVERHEAD; FOOT WELL LIGHTS LH/RH WITH DASH
SWITCH
(1) UPPER AND (1) LOWER BUNK READING LIGHTS
WITH SWITCHES AND (2) DOME LIGHTS, (1) WITH
DASH SWITCH AND (1) WITH BUNK SWITCH
CAB DOOR LATCHES WITH MANUAL DOOR LOCKS
SPRING LOWER/SPRING UPPER MATTRESSES
(3) 12V OUTLETS IN SLEEPER PANEL, TV SHELF
AND LH LOWER CABINET
CAB PRIVACY CURTAIN
TRIANGULAR REFLECTORS WITHOUT FLARES



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EZYRIDER HIGH BACK AIR SUSPENSION DRIVER SEAT WITH ADJUSTABLE LUMBAR SUPPORT

EZYRIDER HIGH BACK AIR SUSPENSION PASSENGER SEAT WITH ADJUSTABLE LUMBAR SUPPORT

BLACK VINYL SUSPENSION COVER FOR DRIVER AND PASSENGER AIR SEATS

DUAL ARMRESTS DRIVER AND PASSENGER SEATS

VINYL WITH VINYL INSERT DRIVER SEAT

VINYL WITH VINYL INSERT PASSENGER SEAT

3 POINT ADJUSTABLE D-RING RETRACTOR DRIVER AND PASSENGER SEAT BELTS

SLEEPER CURTAIN

ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN

4-SPOKE 18" (450MM) LK CHARCOAL STEERING WHEEL

DRIVER/PASSENGER INTERIOR SUN VISORS WITH VANITY MIRRORS

Instruments & Controls

COLUMBIA STANDARD GAUGE PACKAGE

BLACK GAUGE BEZELS

THUNDER GRAY INSTRUMENT PANEL- DRIVER

THUNDER GRAY CENTER INSTRUMENT PANEL

LOW AIR PRESSURE LIGHT AND BUZZER

2" PRIMARY AND SECONDARY AIR PRESSURE GAUGES

INTAKE MOUNTED AIR RESTRICTION INDICATOR WITHOUT GRADUATIONS

87 DB TO 112 DB SELF-ADJUSTING BACKUP ALARM

CRUISE CONTROL-ELECTRONIC ENGINE, WITH SWITCHES ON AUXILIARY GAUGE PANEL (B DASH PANEL)

KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY

ODOMETER/TRIP/HOUR/DIAGNOSTIC/VOLTAGE DISPLAY: 1X7 CHARACTER, 26 WARNING LAMPS, DATA LINKED, ICU3

DIAGNOSTIC INTERFACE CONNECTOR, 9 PIN, SAE J1587/1708, LOCATED OUTBOARD LH SEAT



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2" ELECTRIC FUEL GAUGE
DUAL REAR AXLE TEMPERATURE GAUGES -
TANDEM AXLE
ELECTRICAL ENGINE COOLANT TEMPERATURE
GAUGE
ENGINE OIL TEMPERATURE GAUGE
2" TRANSMISSION OIL TEMPERATURE GAUGE
ENGINE AND TRIP HOUR METERS INTEGRAL
WITHIN DRIVER DISPLAY
ELECTRIC ENGINE OIL PRESSURE GAUGE
OVERHEAD INSTRUMENT PANEL
F/L XTA-2300 AM/FM/WB CD RADIO BY DELPHI
DASH MOUNTED RADIO
(6) RADIO SPEAKERS - (2) IN EACH DOOR, (2) IN
SLEEPER
POWER AND GROUND WIRING PROVISION
ROOF/OVERHEAD CONSOLE CB RADIO PROVISION
WITH FACE PLATE
MULTI-BAND AM/FM/WB/CB DUAL MIRROR
MOUNTED ANTENNA SYSTEM
TV ANTENNA
ELECTRONIC MPH SPEEDOMETER WITH
SECONDARY KPH SCALE, WITHOUT ODOMETER
ELECTRONIC TACHOMETER 3000 RPM
IGNITION SWITCH CONTROLLED ENGINE STOP
ONE EXTRA SWITCH IN DASH WITH INDICATOR
LAMP WITH WIRE TO CHASSIS AT BACK OF
CAB/SLEEPER
BW TRACTOR PROTECTION VALVE
TRAILER BRAKE VALVE, HAND CONTROL
DIGITAL VOLTAGE DISPLAY INTEGRAL WITH
DRIVER DISPLAY
SINGLE ELECTRIC WINDSHIELD WIPER MOTOR
WITH DELAY
MARKER LIGHT/HEADLIGHT SWITCH WITH
SEPARATE INTERRUPTER FOR CLEARANCE
LIGHTS
TWO VALVE PARKING BRAKE SYSTEM WITH
WARNING INDICATOR
GROTE TURN SIGNAL SWITCH WITH DIMMER



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12 BULB 25 AMP HEAVY DUTY ELECTRONIC
FLASHER

Design

PAINT: ONE SOLID COLOR

Color

CAB COLOR A: N0303EA WHITE ELITE SS
BLACK, HIGH SOLIDS POLYURETHANE CHASSIS
PAINT
VENDOR WHITE REAR WHEELS/RIMS

