

12/01/2021

Chassis Specification

		Description	Front Weight	Rear Weight
AUTOCAR TRUCKS				
O	ENG0001	ENGINEERING GROUP IDENTIFIER	AUTOCAR ENGINEERING	
S	0040002	MODELS	ACX64	
O	5000002	CAB SHELL	SINGLE RIGHT HAND DRIVE CAB	
O	100U001	CUSTOMER TYPE	MUNICIPAL	
VEHICLE ADAPTATION				
S	114010	COUNTRY OF USE	UNITED STATES STD MARKET ADAPTATION	
SOLUTION				
O	C04004	BODY COMPANY	AMREP	
O	C02004	BODY TYPE	AUTOMATED SIDE LOADER	
S	C070001	FUEL SYSTEM TYPE	DIESEL	
O	C06403	BODY STYLE	AMREP HX450ASL ELIPTICAL	
O	C05040	TOTAL BODY CAPACITY - BODY/HOPPER	40 YARD	
S	C090003	AXLE QUANTITY	3 AXLE	
S	C080001	REAR SUSPENSION TYPE	STD/BEAM TYPE REAR SUSPENSION	
O	C01003	APPLICATION	REFUSE - LANDFILL	
O	C11005	BODY COMPANY SERVICE OPTION	CONTAINER EJECT	
O	C03003	TERRITORY	CENTRAL	
O	D010200	FRONT GAWR	20000 LBS	
O	D020460	REAR GAWR	46000 LBS	
O	D100660	GVWR	66000 LBS	
ENGINE				
S	1012102	ENGINE ASSY	L9, 360HP / 2200RPM / 1150 LB-FT, CUMMINS	
O	972A002	SPECIAL EMISSION CERTIFICATION LABELS	EPA CERTIFIED - NO LABEL REQUIRED (DIESEL)	
S	9722022	CERTIFICATION-EMISSIONS	COMPLIES WITH 2022 U.S. EMISSIONS	
S	4460001	FUEL TYPE	ULTRA-LOW SULPHUR DIESEL FUEL REQUIRED	
ENGINE EQUIP				

O	1222000	PTO-ENGINE FRONT	FEPTO ADAPTER (3.75" BCD with 2.75" MALE PILOTED FLANGE YOKE - 7/16-20 BOLTS)
S	128071	ENGINE CONTROL SPECIFICATIONS	DEFAULT SPECS
S	1290004	ENGINE ELECTRONICS	CUMMINS 500K COMMUNICATION
O	1310006	BRAKE-ENGINE	CUMMINS VGT EXHAUST BRAKE
O	4382003	FILTER-FUEL, CHASSIS MOUNTED	DAVCO 245 W/ H2O PROBE & 12V HEAT
S	1700001	FILTER-FUEL, ENGINE MOUNTED	SECONDARY SPIN-ON FILTER, REMOTE MTD.
S	2080001	FAN & DRIVE-ENGINE	2-SPEED FAN
S	2120003	RADIATOR SURGE TANK	STANDARD SURGE TANK W/ SIGHT GLASS
O	220052	AIR CLEANER	16" TWO STAGE
S	226001	AIR INTAKE RAIN CAP	BLACK, HOOD TYPE
O	227001	AIR INTAKE PRECLEANER	DONALDSON
O	2302001	MUFFLER SYSTEM	LH VERT HORIZ DPF/SCR
S	2310003	EXHAUST SHIELDS	DPF & SCR SHIELDS
O	2320011	EXHAUST STACKS	STAINLESS STEEL STACK W/TURN OUT
O	234001	EXHAUST RAIN CAP	SINGLE
S	115A200	TURBO HEAT SHIELD	TURBO HEAT SHIELD
S	2390002	UREA DELIVERY SYSTEM	OVER-FENDER MTD., LH SIDE, 10 GAL. CAPACITY
S	5300001	ENGINE/EXHAUST COVER	ALUM TURBO/EXHAUST PIPE DEBRIS SHIELD
S	700026	AIR COMPRESSOR	CUMMINS WABCO 18.7 CFM COMPRESSOR
S	8200003	STARTING MOTOR	DELCO REMY 12V 39 MT W/OCP
O	8020005	ALTERNATOR	DELCO REMY 180 AMP, 28SI PAD MTD.
S	P020001	ENGINE IDLE SHUT DOWN	ENGINE IDLE SHUT DOWN ENABLED (5 MINUTES)
S	P030001	CRUISE CONTROL PARAMETER	CRUISE CONTROL ENABLED
S	P630006	MAX VEHICLE SPEED - PTO MODE	MAX VEHICLE SPEED IN PTO MODE = 6 MPH
S	P641200	RPM PTO MODE	1200 RPM MAX IN PTO
S	P701200	PTO SET SWITCH	PTO SET SWITCH = 1200 RPM
S	P711000	PTO RESUME SWITCH	PTO RESUME SWITCH = 1000 RPM

O P010064 **VEHICLE GOVERNED
 SPEED LIMIT** SPEED LIMIT 64 MPH
 (LIMITED BY PROP SHAFT
 CALCS)

TRANSMISSION

S 2580003 **VOCATION** RDS REFUSE - VOC 400-XXX

O 2690019 **CONTROL MODULE
 (ELECT)** REFUSE W/ AUTO-NEUTRAL
 & SERVICE BRAKE, VP170

S 26A0001 **TRANSMISSION SHIFT
 SCHEDULE / FUEL SENSE** PRIMARY PERFORMANCE /
 SECONDARY ECONOMY

S PT10001 **TRANS DIRECTION
 CHANGE SHIFT INHIBIT** SHIFT INHIBIT ENABLED

S 27P0000 **TRANSMISSION
 RETARDER AUDIBLE
 ALARM** NO TRANSMISSION
 RETARDER AUDIBLE ALARM

O 2700027 **TRANSMISSION** ALLISON 4500 SERIES,5-
 SPEED

S 287A200 **TRANSMISSION
 BREATHER** TRANSMISSION REMOTE
 BREATHER

S 284016 **TRANSMISSION
 CONTROLS** ALLISON PUSHBUTTON
 CONTROLS

S 286005 **COOLER-TRANSMISSION
 OIL** OIL TO WATER TYPE

S 290003 **TRANSMISSION OIL
 FILL/CHECK** OIL FILL TUBE / DIPSTICK W/
 LEVEL SENSOR

S 300011 **DRIVESHAFT-MAIN** SPICER 1760HD HALF ROUND

FRONT AXLE

O 3702001 **FRONT AXLE** HENDRICKSON 20K AXLE
 20,000 LB CAP (VALIDATION
 TIMING)

S 3690005 **FRONT AXLE POSITION** 52.5 INCHES

O 3712001 **FRONT SUSPENSION** HENDRICKSON 20,000 SPRING
 CLAMP GROUP (REQUIRES
 VALIDATION TIMING)

O 371T01 **SUSPENSION, FRONT AUX** AUX LOAD CUSHION

S 373002 **SHOCK ABSORBERS-
 FRONT** DOUBLE ACTING SINGLE -
 HEAVY DUTY

S 904011 **HUBS-FRONT** STEEL HUB PILOTED,285MM
 BOLT CIRCLE

S 9400001 **WHEEL OIL SEALS-FRONT** SCOTSEAL PLUS XL

S 9210001 **HUB CAPS - FRONT AXLE** CR ZYTEL HUBCAP

S 374002 **FRONT AXLE LUBRICANT** SYNTHETIC,DANA SPICER
 EP75W90,OR EQUIV

O 7510001 **BRAKES-FOUNDATION,
 FRONT AXLE** MERITOR 16.5X7" QP REFUSE
 BRAKE

S 754009 **BRAKE SLACK ADJUSTERS
 -FRONT AXLE** MERITOR AUTOMATIC

S	755001	DUST SHIELDS - FRT BRAKES	DUST SHIELDS - FRONT BRAKES
S	901001	BRAKE DRUM-FRONT	CAST IRON
O	383107	STEERING GEAR	INTEGRAL POWER STEERING W/LEFT HAND RAM
S	387003	POWER STEERING RESERVOIR	FOUR QUART REMOTE MOUNTED

REAR AXLE

O	330444	REAR DRIVE AXLE-SINGLE & TANDEM	MERITOR RT46-160 46,000 LB
S	330U98	REAR AXLE LUBE PUMP	NO LUBRICATION PUMP
O	331538	REAR DRIVE AXLE RATIO	5.38
O	333014	REAR DRIVE AXLE ANTI- SPIN DEVICES	FOUR WHEEL LOCK
O	3500004	REAR SUSPENSION	HENDRICKSON HMX-460 SUSP @ 54" AS
S	351013	REAR SUSPENSION BEAMS	54 INCH STEEL RUBBER BUSHED
S	358005	TORQUE RODS	LONGITUDINAL & TRANSVERSE - RUBBER BUSHED
O	359001	SHOCK ABSORBERS-REAR	4 SHOCK ABSORBERS HENDRICKSON SUSPENSION
S	9130001	HUBS-REAR	IRON HUB, HP 10 STUD
S	3400001	REAR AXLE BREATHER	STANDARD AXLE BREATHER
S	9410001	WHEEL OIL SEALS-REAR	SCOTSEAL PLUS XL
O	7610001	BRAKES-FOUNDATION, REAR AXLE	MERITOR 16.5X8.62" QP REFUSE BRAKE
S	764013	BRAKE SLACK ADJUSTERS -REAR AXLE	MERITOR AUTOMATIC,TANDEM AXLE
S	765001	DUST SHIELDS - REAR BRAKES	DUST SHIELDS - REAR BRAKES
S	781012	BRAKE CHAMBERS- PARKING, TYPE/VENDOR	CAM TYPE MGM STOPGARD (4)
S	910001	BRAKE DRUM-REAR	CAST IRON

BRAKES

S	729002	AIR LINES-PARKING BRAKE, CHASSIS	AIR LINES CHASSIS PARK BRAKE
S	7410004	BRAKE CONTROL SYSTEM	MERITOR WABCO ABS 4S/4M W/PLC

CHASSIS

S	400210	WHEELBASE	210 INCHES
O	402116	FRAME-REAR OVERHANG	116"
S	403012	FRAME RAILS	3/8" VARIABLE DROP STEEL, EXT B

O	404002	FRAME REINFORCEMENT INNER	.25" LINER, STANDARD LENGTH
S	409002	FRAME CROSSMEMBER- CENTER	ALUMINUM ORIENTATION B
O	4100002	MISC TSO OPTIONS	KEEP RH RAIL CLEAR
S	4110002	FRAME CROSSMEMBER- END CLOSING	ALUMINUM MEMBER-IF REQUIRED
S	460001	BUMPER-FRONT	STEEL PAINTED
O	4682000	GUARD-OIL PAN	ENGINE OIL PAN GUARD - STEEL
S	480002	TOWING DEVICE-FRONT	TWO REMOVABLE TOW PINS
S	8742000	WIRING, BODY INTERFACE	RP 170 COMPLIANT
S	430020	FUEL TANK-LEFT	75 GAL 26" DIA UNPAINTED ALUMINUM
O	4470003	LH FUEL TANK SPACERS	LH FUEL TANK SPACED 2", DROPPED 2"
S	432002	FUEL TANK STRAP/ SUPPORT LEFT	PAINTED STEEL, LH
S	4280001	DRILLING FUEL TK SUPT- LEFT	FUEL TANK MTD FWD LHS - STANDARD (IF PROVIDED)
S	436015	FUEL LINES	SAE J1402A1 WIRE BRAIDED
S	8120005	BATTERY BOX	STEEL BOX, 3 BATTERY, LHS
O	8160004	BATTERY BOX SPACERS	BATTERY BOX SPACED 2", DROPPED 4"
S	8090001	BATTERY BOX DRILLING	BOX LOCATED AS FAR FORWARD AS POSSIBLE
S	810089	BATTERY	3 JOHNSON CONTROL 31ECL 12V 2250CCA
S	8140002	BATTERY SHUT-OFF SWITCH	SHUTOFF W/ LOCKOUT, NO EMERGENCY JUMPER STUDS
S	7110001	AIR TANK-BRAKE	STEEL AIR TANKS
O	7090001	AIR TANK DRILLING	AS MANY TANKS IN RAIL AS POSSIBLE
O	7380001	EMERGENCY AIR SYSTEM CHARGING	SCHRADER VALVE, WET TANK MTD
S	7152000	WET TANK DRAIN	WABCO DV-2 AUTOMATIC
O	715T003	AIR RESERVOIR DRAIN SYSTEM	CENTRAL MANIFOLD W/ PETCOCKS
O	713023	AIR DRYER	BENDIX ADIP W/HEAT
S	7100003	AIR DRYER DRILLING	AIR DRYER MOUNTED OUTSIDE RAIL, LHS
S	724001	AIR LINES-CAB	SAE J844 NYLON TUBING

CAB EXTERIOR

S	4510001	STEP-CAB ACCESS, CAB MOUNTED	DUAL SELF CLEANING CAB ENTRANCE STEPS
S	502001	CAB DOORS	STEEL

O	5120001	POWER WINDOWS	DUAL INTERNAL REGULATOR POWER WINDOWS
O	6220017	MIRRORS-DUAL WEST COAST	MIRROR, BLACK, HTD, REMOTE W / LWR HTD CONVEX
O	6230006	MIRRORS-AUXILIARY HIGH MOUNT	HIGH MOUNT 8" CONVEX, BLACK
O	630014	HORN-AIR	CHROME RECT WIDE SPACED W/COVER, DUAL
O	631002	HORN-ELECTRIC	DUAL
O	661002	CAB TILT MECHANISM- C.O.E.	HYDRAULIC TILT WITH AIR ASSIST
S	6720001	GRILLE	AUTOCAR GRILLE
S	675001	BUG SCREENS	BUG SCREEN MOUNTED BEHIND GRILLE

CAB INTERIOR

S	3800001	STEERING WHEEL	16" DIA. WHEEL, 2 SPOKE
S	3810002	STEERING COLUMN	TILT AND TELESCOPIC STEERING COLUMN
O	5202002	SEAT-DRIVER	SEARS C2+ SEAT, AIR RIDE, AIR LUMBAR
O	5212001	SEAT-PASSENGER	SEARS C2+ SEAT, FIXED
O	5222001	SEAT BELTS-DRIVER	THREE POINT RETRACTABLE, BRIGHT ORANGE COLOR, W/O COMFORT LATCH
O	5232001	SEAT BELTS-PASSENGER	THREE POINT RETRACTABLE, BRIGHT ORANGE COLOR, W/O COMFORT LATCH
O	5260002	SEAT INSERT	MODURA, ASPHALT COLOR
S	538001	CARPET & MAT	MAT WITH FOAM BACK
S	5500001	CENTER CONSOLE	CENTER CONSOLE
S	5510001	REAR CONSOLE	REAR CONSOLE
S	5930001	ASH TRAY	ASHTRAY MTD IN CONSOLE
O	8750001	ADDITIONAL ELEC. SWITCHES	2 DASH SWITCHES, WIRED TO POWER

CAB CLIMATE CONTROL

S	0602001	CAB TEMPERATURE SYSTEM	AIR COND INTEGRAL WITH HEATER/DEFROSTER (GHG)
S	612001	AIR CONDITIONER CONDENSER	STANDARD (RADIATOR MOUNTED)

GAUGES & INSTRUMENTATION

S	0572001	INSTRUMENTS SALES PKG	ADVANCED DIAGNOSTIC DISPLAY - V1
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S	1430001	TRUCK ELECTRICAL CONTROL MODULE	VEHICLE CONTROL UNIT
S	1362000	TACHOMETER/RPM TACHOGRAPH	ELECTRONIC TACHOMETER
S	1372000	GAUGE-HOURMETER	HOURMETER INCLUDED IN ON BOARD DISPLAY
O	2250001	AIR INTAKE RESTRICTION INDICATOR	AIR INTAKE RESTRICTION GAUGE IN CAB
S	4390001	GAUGE-FUEL LEVEL	ELECTRONIC FUEL LEVEL
S	5712003	GAUGE PANELS	ALL GAUGES IMPERIAL
S	1472001	VEHICLE MONITORING SYSTEM	AUTOCAR ADVANCED TELEMATICS - FULL INSTALLATION

LIGHTING

S	8360003	LAMPS-HEAD	LED HEADLAMPS
S	8410002	LAMPS-TURN SIGNAL - FRONT	LED FRONT TURN SIGNALS
S	8510002	LAMPS-MARKER	AMBER LED ROOF MARKERS
S	859001	LAMPS-RUNNING	DAYTIME
S	8700001	CIRCUIT PROTECTION DEVICE	AUTO CIRCUIT BREAKERS

RADIO/MISC

O	5092002	KEY & LOCK SETS-IGN/DOORS	N324 W/ TWO ADDITIONAL KEYS PER TRUCK
O	9620001	FIRE EXTINGUISHER	DUAL 5LB ABC EXTINGUISHERS, ONE UNDER EACH SEAT

FRONT TIRES / WHEELS

S	9312009	TIRE MANUFACTURER & TREAD - FRONT	BRIDGESTONE M870
S	930469	TIRE SIZE & LOAD RANGE - FRONT	315/80R22.5L
S	9050015	WHEELS-DISC FRONT	22.5X9.0" STEEL, 5.25" INSET, HAYES

REAR TIRES / WHEELS

S	9342002	TIRE MANUFACTURER & TREAD - REAR	BRIDGESTONE M853
S	933062	TIRE SIZE & LOAD RANGE - REAR	11R22.5H
S	9140014	WHEELS-DISC REAR	22.5X8.25" STEEL, 6.2" INSET, HAYES

PAINT

S	950001	CAB PAINT SCHEME	SINGLE COLOR PAINT
S	9550001	CAB PAINT TYPE	STANDARD WHITE

S	9801002	CAB COLOR-FIRST	APPROVED --- DPSS-N0007EX --- STANDARD WHITE N0007
S	9861U1	CHASSIS COLOR	BLACK P3036
S	987949	BUMPER COLOR	SAME AS CHASSIS,UNPAINTED ALUM OR CHROME
S	988401	DISC WHEEL OR RIM COLOR	STEEL, E-COAT WHITE / ALUM-UNPAINTED

ADDITIONAL OPTIONS

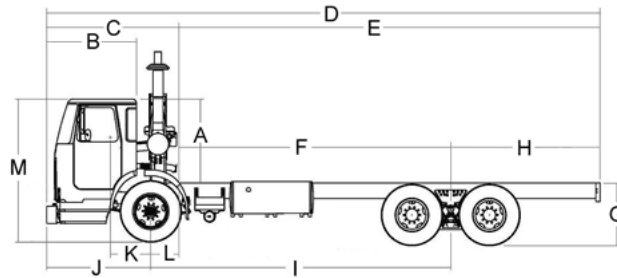
S	899002	CHASSIS WARRANTY	STANDARD WARRANTY
O	899A203	TRANSMISSION WARRANTY	ALLISON 5YR. EXT WARRANTY
O	899B234	ENGINE WARRANTY	L9 PD1 5YRS/150K MILES EXTENDED WARRANTY PPI MATRIX 231158
O	899K223	EXHAUST AFTERTREATMENT EXTENDED WARRANTIES	L9 AT3 AFTERTREATMENT 5YRS/150K MILES EXTENDED WARRANTY MATRIX 231546
S	978015	FLOOR PLAN	15 DAYS FLOORING

OTHERS

S	9722022	CERTIFICATION- EMISSIONS	COMPLIES WITH 2022 U.S. EMISSIONS
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Dimensions



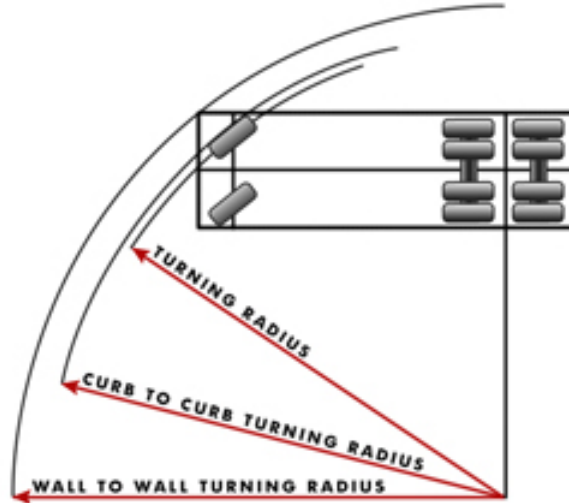
	Dimension(ft)	Description
A	59.00	CAB HEIGHT
B	62.00	BUMPER TO BACK OF CAB
C	95.00	EFFECTIVE BUMPER TO BACK OF CAB
D	397.00	OVERALL LENGTH
E	302.00	EFFECTIVE CAB TO END OF FRAME
F	186.00	EFFECTIVE CAB TO REAR AXLE
G	42.25	UNLADEN FRAME HEIGHT
H	116.00	OVERHANG
I	210.00	WHEELBASE
J	71.00	BUMPER TO FRONT AXLE
K	-24.00	DRIVER CENTER OF GRAVITY
L	24.00	EFFECTIVE FRONT AXLE TO BACK
M	101.25	OVERALL HEIGHT
N	0.00	FRONT FRAME EXTENSION

SPECIFICATION SUMMARY

Model	ACX64 Class 8
Engine	L9, 360HP / 2200RPM / 1150 LB-FT, CUMMINS
Transmission	ALLISON 4500 SERIES,5-SPEED
Rear Axle	MERITOR RT46-160 46,000 LB
Rear Axle Ratio	5.38
Rear Tire	11R22.5H

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Turning Radius



	Dimension(ft)	Description
A	30.63	TURNING RADIUS
B	63.39	CURB TO CURB TURNING DIAMETER
C	69.52	WALL TO WALL TURNING DIAMETER

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GAWR, GVWR & Tire Pressure

GVW Rating – 66,000#			
Front GAWR	20,000#	Rear GAWR	46,000#
Front Suspension	20,800#	Rear Suspension	46,000#
Front Wheels	20,000#	Rear Wheels	59,100#
Front Tire Size And Tread	20,000#	Rear Tire Size And Tread	48,000#
Front Brakes	20,000#	Rear Brakes	48,000#
Front Axle	20,000#	Rear Axle	46,000#
PSI			
Front PSI	130.0	Rear PSI	120.0