

ACTT42 Class 8 Model Year 2022

Advantage Truck Center
NC

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Prepared For :

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01/29/2021

Customer Checklist

To ensure timely processing of your vehicle purchase, please complete the following checklist by _____.

_____ 1. CREDIT APPLICATION

_____ 2. TAX STATEMENTS, LAST THREE YEARS

_____ 3. DOWN PAYMENT

_____ 4. INSURANCE INFORMATION

AGENCY _____

POLICY NUMBER _____

AGENT (WITH PHONE #) _____

_____ 5. TRADE-IN INFORMATION

TITLE _____

REMOVE PERSONAL ITEMS, TOOLS, ETC _____

_____ 6. _____

Thank you.

01/29/2021

Chassis Specification

			Description	Front Weight	Rear Weight	Price
AUTOCAR TRUCKS						
S	0040004	MODELS	ACTT42	9,815	4,010	129,700
S	5000005	CAB SHELL	ACTT SINGLE CAB	0	0	0
X	100T98	CUSTOMER LAYOUT	NONE	0	0	0
S	680004	NAME PLATES,STD	AUTOCAR	0	0	0
SOLUTION						
S	C00000	TRUCK TYPE	CUSTOM TRUCK	0	0	0
S	C010010	APPLICATION	TERMINAL TRACTOR - DISTRIBUTION	0	0	0
O	D020240	REAR GAWR	24000 LBS	0	0	0
O	D110810	GCWR	81,000 LBS	0	0	0
VEHICLE ADAPTATION						
S	114010	COUNTRY OF USE	UNITED STATES STD MARKET ADAPTATION	0	0	0
ENGINE						
S	1580003	ENGINE VOCATION	OFF-HIGHWAY - NORTH AMERICA	0	0	0
S	1015000	ENGINE ASSY	QSBT4f 146HP @ 2100RPM / 620 LB-FT @1500RPM, CUMMINS	0	0	0
S	102146	ENGINE HORSEPOWER RATING	146 HORSE POWER	0	0	0
S	4460001	FUEL TYPE	ULTRA-LOW SULPHUR DIESEL FUEL REQUIRED	0	0	0
S	972A500	SPECIAL EMISSION CERTIFICATION LABELS	OFF-HIGHWAY - TIER 4F	0	0	0
ENGINE EQUIP						
S	1290004	ENGINE ELECTRONICS	CUMMINS 500K COMMUNICATION	0	0	0
S	P010025	VEHICLE GOVERNED SPEED LIMIT	SPEED LIMIT 25MPH	0	0	0
S	P020002	ENGINE IDLE SHUT DOWN	ENGINE IDLE SHUT DOWN DISABLED	0	0	0
S	132034	ENGINE PROTECT SYSTEM/WARNINGS	AUDIBLE/VISUAL ALARM/LOP, HT, LWL	0	0	0
S	4380003	FILTER-FUEL, CHASSIS MOUNTED	FLEETGUARD FS 1003 F/W SEPARATOR W/PROBE & DASH LIGHT	0	0	0

S	1700003	FILTER-FUEL, ENGINE MOUNTED	SPIN-ON, ENGINE MOUNTED	0	0	0
S	1750001	ENGINE OIL	STANDARD ENGINE OIL	0	0	0
X	2005000	RADIATOR	850 SQ. IN. CAPACITY	0	0	0
S	204002	COOLANT HOSES	SILICONE HOSES WITH STEEL TUBING	0	0	0
S	2080002	FAN & DRIVE-ENGINE	FAN, DIRECT DRIVE	0	0	0
S	2090001	RADIATOR COOLANT	EXTENDED LIFE COOLANT	0	0	0
S	2120003	RADIATOR SURGE TANK	STANDARD SURGE TANK W/ SIGHT GLASS	0	0	0
S	2200006	AIR CLEANER	11" TWO STAGE	0	0	0
S	2305000	MUFFLER SYSTEM	VERTICAL DOC W/ HORIZONTAL SCR	0	0	0
S	2310003	EXHAUST SHIELDS	DPF & SCR SHIELDS	0	0	0
S	2325000	EXHAUST STACKS	STAINLESS STL STACK W/TURN OUT HEIGHT TO MATCH CAB ROOF	0	0	0
S	236002	MUFFLER SUPPORT	FRAME MOUNTED	0	0	0
S	2395002	UREA DELIVERY SYSTEM	FRAME MOUNTED, 6 GAL CAPACITY	0	0	0
S	700026	AIR COMPRESSOR	CUMMINS WABCO 18.7 CFM COMPRESSOR	0	0	0
S	8025000	ALTERNATOR	DELCO REMY 160 AMP, 28SI PAD MTD W/REMOTE SENSE	0	0	0
S	8055001	DI-ELECTRIC GREASE	ELECTRICAL RING/POST CORROSION INHIBITOR	0	0	0
S	8105006	BATTERY	2 BATTERIES, 31ECL, 12V 1500CCA	0	0	0
S	8205002	STARTING MOTOR	DELCO REMY 12V 31MT	0	0	0

TRANSMISSION

S	2690005	CONTROL MODULE (ELECT)	UTILITY, YARD TRACTOR, GRP99, VP113	0	0	0
S	PT10001	TRANS DIRECTION CHANGE SHIFT INHIBIT	SHIFT INHIBIT ENABLED	0	0	0
S	2700020	TRANSMISSION	ALLISON 3000 SERIES, 4-SPEED	0	0	0
S	284016	TRANSMISSION CONTROLS	ALLISON PUSHBUTTON CONTROLS	0	0	0
S	286005	COOLER-TRANSMISSION OIL	OIL TO WATER TYPE	0	0	0
S	290003	TRANSMISSION OIL FILL/CHECK	OIL FILL TUBE / DIPSTICK W/ LEVEL SENSOR	0	0	0
S	292004	TRANSMISSION LUBRICANT	TRANSYND SYNTHETIC AUTO TRANS FLUID	0	0	0
S	300015	DRIVESHAFT-MAIN	SPICER 1710HD HALF ROUND	0	0	0

FRONT AXLE

S	3700005	FRONT AXLE	MERITOR MFS-14 STEER AXLE, 14700# RATING	0	0	0
S	371007	FRONT SUSPENSION	6500 LB FLATLEAF 14,500 GROUND CAPACITY	0	0	0
S	373002	SHOCK ABSORBERS- FRONT	DOUBLE ACTING SINGLE - HEAVY DUTY	0	0	0
S	374002	FRONT AXLE LUBRICANT	SYNTHETIC,DANA SPICER EP75W90,OR EQUIV	0	0	0
S	3835001	STEERING GEAR	M100 LOW SPEED GEAR	0	0	0
S	384009	POWER STEERING PUMP	STANDARD P/S PUMP	0	0	0
S	3870001	POWER STEERING RESERVOIR	INTEGRAL WITH FIFTH WHEEL RESERVOIR	0	0	0

REAR AXLE

S	3300017	REAR DRIVE AXLE-SINGLE & TANDEM	MERITOR RS24-160, SINGLE REDUCTION AXLE	0	0	0
S	330H001	REAR DRIVE AXLE-SINGLE & TANDEM	STANDARD TRACK	0	0	0
S	331717	REAR DRIVE AXLE RATIO	7.17	0	0	0
S	330U98	REAR AXLE LUBE PUMP	NO LUBRICATION PUMP	0	0	0
S	339002	REAR AXLE LUBRICANT	SYNTHETIC	0	0	0
S	3400001	REAR AXLE BREATHER	STANDARD AXLE BREATHER	0	0	0
S	3500010	REAR SUSPENSION	SOLID MOUNT SUSPENSION	0	0	0

BRAKES

S	7415001	BRAKE CONTROL SYSTEM	FMVSS EXEMPT BRAKE SYSTEM	0	0	0
S	782018	BRAKE VALVE-PARKING CONTROL	TRAILER/TRACTOR PARK AND SUPPLY VALVE	0	0	0
S	7510012	BRAKES-FOUNDATION, FRONT AXLE	MERITOR 15x4 Q PLUS	0	0	0
S	753018	BRAKE CHAMBERS-FRONT AXLE	CAM-STANDARD	0	0	0
S	754009	BRAKE SLACK ADJUSTERS -FRONT AXLE	MERITOR AUTOMATIC	0	0	0
S	755001	DUST SHIELDS - FRT BRAKES	DUST SHIELDS - FRONT BRAKES	0	0	0
S	901001	BRAKE DRUM-FRONT	CAST IRON	0	0	0
S	7610003	BRAKES-FOUNDATION, REAR AXLE	MERITOR 16.5X7 Q PLUS	0	0	0
S	763019	BRAKE CHAMBERS-REAR AXLE	CAM-STANDARD	0	0	0
S	764012	BRAKE SLACK ADJUSTERS -REAR AXLE	ARVIN MERITOR AUTOMATIC-SINGLE AXLE	0	0	0
S	765001	DUST SHIELDS - REAR BRAKES	DUST SHIELDS - REAR BRAKES	0	0	0
S	781011	BRAKE CHAMBERS- PARKING TYPE/VENDOR	CAM TYPE MG/M STOPGARD	0	0	0

S	910001	BRAKE DRUM-REAR	CAST IRON	0	0	0
CHASSIS						
S	400116	WHEELBASE	116 INCHES	0	0	0
S	402027	FRAME-REAR OVERHANG	27"	0	0	0
S	4030003	FRAME RAILS	3/8" X 13 STRAIGHT STEEL,"C"-REINFORCED, 50KSI	0	0	0
S	3250001	HYDRAULIC TANK	15 GAL STEEL	0	0	0
S	4060004	FRAME-REAR CUT-OFF	TAPER CUT-OFF, 23 DEGREES	0	0	0
S	3265000	HYDRAULIC FILTER	HYDAC 38GPM IN TANK FILTER	0	0	0
S	4090002	FRAME CROSSMEMBER- CENTER	STEEL	0	0	0
S	411005	FRAME CROSSMEMBER- END CLOSING	TAPER STEEL	0	0	0
S	4300009	FUEL TANK-LEFT	50 GAL CYLINDRICAL STEEL TANK	0	0	0
S	432002	FUEL TANK STRAP/ SUPPORT LEFT	PAINTED STEEL	0	0	0
S	435001	FUEL TANK OVERFLOW PIPE	STANDARD VENT	0	0	0
S	436001	FUEL LINES	SAE J844 NYLON TUBING	0	0	0
S	4520001	REAR DECK	STANDARD REAR DECK	0	0	0
S	4530001	STEP-BOC ACCESS	ACCESS STEPS, LH ONLY	0	0	0
S	4600005	BUMPER-FRONT	FRONT BUMPER, DISTRIBUTION	0	0	0
S	4800001	TOWING DEVICE-FRONT	FRONT TOW EYES	0	0	0
S	4810001	TOWING HOOKS-REAR	REAR TOW EYES	0	0	0
S	4905004	FIFTH WHEEL	HOLLAND FW35TT (80,000 LBS) 16" LIFT	0	0	0
S	711001	AIR TANK-BRAKE	STEEL TANKS FOR SINGLE AXLE	0	0	0
S	711U98	AIR TANK MOUNTING	AIR TANKS IN STD POSITION	0	0	0
S	715001	WET TANK DRAIN	MANUAL TYPE PETCOCK	0	0	0
S	715T001	AIR RESERVOIR DRAIN SYSTEM	PETCOCK, ALL TANKS	0	0	0
S	724001	AIR LINES-CAB	SAE J844 NYLON TUBING	0	0	0
S	728001	AIR LINES-MAIN, CHASSIS	SAE J844 NYLON TUBING	0	0	0
S	8120011	BATTERY BOX	BATTERY BOX, 2 BATTERY CAPACITY	0	0	0
S	812S500	BATTERY ISOLATION PAD	BATTERY INSULATION PAD, WOOD	0	0	0
S	8920002	BACKUP ALARM	BACKUP ALARM	0	0	0
S	32M5000	HYDRAULIC SYSTEM OIL	TRANSYND ATF	0	0	0

CAB EXTERIOR

S	4510004	STEP-CAB ACCESS, CAB MOUNTED	LH ONLY CAB ENTRANCE STEPS	0	0	0
S	5020004	CAB DOORS	LH STANDARD DOOR W/ ALUMINUM SLIDING REAR DOOR	0	0	0
S	5185000	CAB SLIDING DOOR	ALUMINUM REAR SLIDING DOOR	0	0	0
S	5100004	GLASS	WINDSHIELD - TEMPERED, ALL GLASS TINTED	0	0	0
S	51A0001	REAR DOOR GLASS	TEMPERED REAR CAB GLASS	0	0	0
S	51B0001	REAR WINDOW	RIGHT SIDE REAR WINDOW, TEMPERED GLASS	0	0	0
S	622001	MIRRORS-DUAL WEST COAST	BLACK PAINTED	0	0	0
S	624012	GRAB HANDLES-ENTRY	STANDARD - MEETS FMCSR 399 REQUIREMENTS	0	0	0
S	631001	HORN-ELECTRIC	SINGLE	0	0	0
S	6615005	CAB TILT MECHANISM-C.O.E.	HYDRAULIC TILT W/ ELECTRIC ASSIST, REMOTE SWITCH AND YELLOW SAFETY BAR	0	0	0
S	6620002	CAB LATCH/HOLDDOWN-C.O.E.	4 POINT CAB MOUNTING, REAR AIR BAG W/HYDRAULIC LATCH	0	0	0
S	6720007	GRILLE	ACTT STANDARD GRILLE	0	0	0
S	51C5002	CURB SIDE WINDOW	FORWARD SLIDING WINDOW	0	0	0

CAB INTERIOR

S	380003	STEERING WHEEL	18 INCH DIAMETER	0	0	0
S	381001	STEERING COLUMN	FIXED POSITION	0	0	0
S	5200011	SEAT-DRIVER	SEATS INC MID BACK AIR RIDE W/O ISOLATOR , HERITAGE SILVER	0	0	0
S	5220004	SEAT BELTS-DRIVER	TWO POINT LAP BELT, BLACK	0	0	0
S	526014	SEAT INSERT	BLACK CORDURA	0	0	0
S	538001	CARPET & MAT	MAT WITH FOAM BACK	0	0	0
S	5400002	CAB PANELS-INTERIOR TRIM	ACTT STANDARD INTERIOR TRIM	0	0	0
S	8640002	LAMPS-CAB INTERIOR	LED DOME LIGHT W/DASH SWITCH	0	0	0

CAB CLIMATE CONTROL

S	0605000	CAB TEMPERATURE SYSTEM	INTEGRAL HEATER/DEFROSTER	0	0	0
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GAUGES & INSTRUMENTATION

X	1360001	TACHOMETER/RPM	ELECTRONIC TACHOMETER	0	0	0
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S	137003	GAUGE-HOURMETER	ELECTRIC, DASH MOUNTED	0	0	0
S	1380001	GAUGE-ENGINE OIL PRESSURE	ELECTRONIC ENGINE OIL PRESSURE	0	0	0
S	1400001	GAUGE-ENGINE COOLANT TEMPERATURE	ELECTRONIC ENGINE COOLANT TEMP.	0	0	0
S	2250002	AIR INTAKE RESTRICTION INDICATOR	GRADUATED, MTD UNDER HOOD, NO WARNING LAMP	0	0	0
S	288009	MONITORING - TRANSMISSION OIL TEMP	TRANS TEMP WARNING LIGHT & BUZZER	0	0	0
S	4930003	FIFTH WHEEL CONTROL	CAB CONTROL, CABLE	0	0	0
S	5770001	SPEEDOMETER/ODOMETER	ELECTRONIC WITH ODOMETER	0	0	0
X	804001	VOLTMETER/AMMETER	VOLTMETER	0	0	0
S	1472001	VEHICLE MONITORING SYSTEM	AUTOCAR ADVANCED TELEMATICS-FULL INSTALLATION	0	0	0
S	493T500	FIFTH WHEEL CONTROL W/ DUST SEAL	FIFTH WHEEL CONTROL W/ SEAL	0	0	0

LIGHTING

S	8360002	LAMPS-HEAD	RECTANGULAR SEALED BEAM	0	0	0
S	837011	LAMPS-STOP-TAIL	DUAL LED TRUCKLITE MODEL 44	0	0	0
S	8380005	LAMPS-BACKUP	SINGLE OVAL BACK-UP LAMPS	0	0	0
S	844016	SWITCH-TURN SIGNAL & FLASHER	NON-CANCELLING W/TRANSISTORIZED FLASHER	0	0	0
S	860004	LAMPS-BACK OF CAB	SPOTTING LIGHT RECESSED BOC	0	0	0
S	8700001	CIRCUIT PROTECTION DEVICE	AUTO CIRCUIT BREAKERS	0	0	0

RADIO/MISC

S	509002	KEY & LOCK SETS-IGN/DOORS	DOOR & IGNITION SAME - SAME FOR FLEET	0	0	0
S	6280006	WINDSHIELD WIPER	XXXX SINGLE PANTOGRAPH W/O WASHER	0	0	0

FRONT TIRES / WHEELS

S	9210001	HUB CAPS - FRONT AXLE	CR ZYTEL HUBCAP	0	0	0
S	9400001	WHEEL OIL SEALS-FRONT	SCOTSEAL PLUS XL	0	0	0
S	904011	HUBS-FRONT	STEEL HUB PILOTED,285MM BOLT CIRCLE	0	0	0
S	9050014	WHEELS-DISC FRONT	22.5x8.25 STEEL HP, 6.18" INSET, 5HH	0	0	0
S	905V500	FRONT TIRE VALVE	STANDARD STEM/CAP	0	0	0

S	930100	TIRE SIZE & LOAD RANGE	295/75R22.5G	0	0	0
		- FRONT				

S	9310060	TIRE MANUFACTURER & TREAD - FRONT	DOUBLE COIN RR680	0	0	0
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REAR TIRES / WHEELENDS

S	9130001	HUBS-REAR	IRON HUB, HP 10 STUD	0	0	0
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S	9140014	WHEELS-DISC REAR	22.5X8.25 STEEL, HP, 5HH	0	0	0
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S	914V500	REAR TIRE VALVE STEMS/CAPS	STANDARD STEM/CAP	0	0	0
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S	933100	TIRE SIZE & LOAD RANGE	295/75R22.5G	0	0	0
		- REAR				

S	9340060	TIRE MANUFACTURER & TREAD - REAR	DOUBLE COIN RR680	0	0	0
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S	9410001	WHEEL OIL SEALS-REAR	SCOTSEAL PLUS XL	0	0	0
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PAINT

S	950001	CAB PAINT SCHEME	SINGLE COLOR PAINT	0	0	0
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S	9520001	PAINT SCHEME- ADDITIONAL	SAFETY YELLOW PAINT - STEPS, DECKING AND GRAB HANDLES	0	0	0
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S	9550001	CAB PAINT TYPE	STANDARD WHITE	0	0	0
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S	9801001	CAB COLOR-FIRST	APPROVED==DPSS-N0007== STANDARD WHITE N0007	0	0	0
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S	9861U1	CHASSIS COLOR	BLACK P3036	0	0	0
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S	987949	BUMPER COLOR	SAME AS CHASSIS,UNPAINTED ALUM OR CHROME	0	0	0
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S	9885002	DISC WHEEL OR RIM COLOR	POWDER COAT WHITE	0	0	0
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ADDITIONAL OPTIONS

S	8990008	CHASSIS WARRANTY	STANDARD ACTT WARRANTY	0	0	0
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S	899A500	TRANSMISSION WARRANTY	ALLISON 3YR WARRANTY	0	0	0
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S	899B001	ENGINE WARRANTY	CUMMINS STANDARD WARRANTY	0	0	0
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S	978000	FLOOR PLAN	NO FLOORING PLAN	0	0	0
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OTHERS

S	133003	ACCELERATOR PEDAL & LINK	WILLIAMS ACCELERATOR	0	0	0
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S	488460	FIFTH WHEEL HEIGHT	FIFTH WHEEL NOMINAL HEIGHT 46"	0	0	0
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S	6605003	CAB MOUNTS	NEOPRENE CAB PIVOT BUSHINGS	0	0	0
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S	720002	BRAKE VALVE & PEDAL	FLOOR MOUNTED PEDAL - STANDARD	0	0	0
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S	740003	CERTIFICATION COMPLIANCE	US SALE-US COMMERCE-UNDER 34 MPH	0	0	0
S	7930005	TRAILER AIR HOSES	15' RUBBER AIR HOSES W/ SPRING HANGER SUPPORT	0	0	0
S	7950001	TRAILER HOSE HANGERS & SUPPORTS	TRAILER HOSE HANGERS & SUPPORTS	0	0	0
S	822001	STARTING SWITCH	STANDARD	0	0	0
S	8905003	TRAILER CABLE RECEPTACLE	TRAILER CABLE RECEPTACLE W/ ISOLATED CIRCUIT CONNECTIONS	0	0	0
S	9725000	CERTIFICATION-EMISSIONS	COMPLIES WITH OFFROAD TIER 4F EMISSIONS	0	0	0
S	9740001	CERTIFICATION-EXTERIOR NOISE	INDUSTRIAL / NON-REGULATED EXPORT, NO CERT. REQ'D	0	0	0

SUB TOTALS

BASE WEIGHT/PRICE	9,815	4,010	129,700
FACTORY OPTION WEIGHT/PRICE	0	0	-169
DISTRIBUTOR OPTION WEIGHT/PRICE	0	0	0

TOTALS

TOTAL PRICE (\$)			129,531
TOTAL WEIGHT (LB)	9,815	4,010	13,825

01/29/2021

Quote Summary

Values are in U.S. Dollar

EQUIPMENT	EACH	TOTAL
ACTT42 Class 8	\$129,531.00	\$129,531.00
ACTT SINGLE CAB		
QUANTITY	1	
ADDITIONAL PURCHASED COVERAGES	\$0.00	\$0.00
EPA SURCHARGE	\$0.00	\$0.00
ADDITIONAL PRICE ADJUSTMENT	\$0.00	\$0.00
FACTORY CONTRACT MODIFICATION	\$0.00	\$0.00
OUTSIDE CONTRACT FREIGHT	\$0.00	\$0.00
PDI CHARGES	\$0.00	\$0.00
ADDITIONAL SURCHARGE	\$0.00	\$0.00
NORTH AMERICAN FREIGHT VIA DESIGNATED SHIPPER	\$0.00	\$0.00
TOTAL EQUIPMENT PRICE	\$129,531.00	\$129,531.00
OTHER CHARGES	EACH	TOTAL
FET AMOUNT TOTAL		
STATE TAX/OTHER FEES		
TOTAL QUOTE		

Dealer Signature

Customer Signature

Date

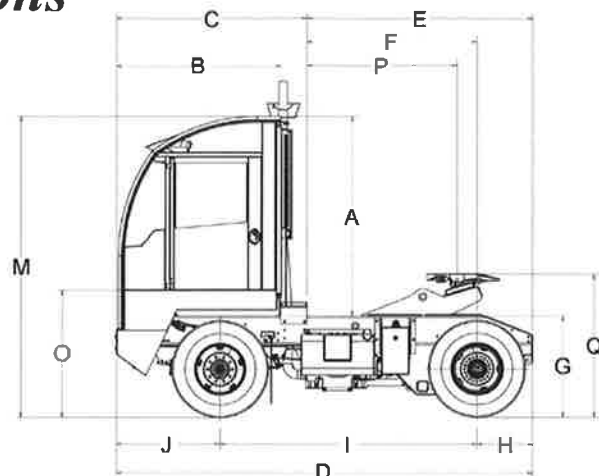
Date

- By signing the Quote Summary, Customer approves the information contained in the Quote, subject to final approval by Autocar. Autocar endeavors to provide but does not guarantee error-free Quotes. All price quotations are for informational purposes only, and prices are subject to change without notice. Final prices will be reflected on the invoice for the Autocar chassis or on a document expressly evidencing Autocar's intent to be bound. Autocar may substitute comparable components for those listed on any quote. Estimates of unloaded weight distribution are provided for informational purposes only, are not guaranteed by Autocar and do not take into account vehicle application, body type or other modifications. Autocar is not responsible for modifications to the Autocar chassis after shipment from the Autocar assembly plant. Modifications by body builders and other upfitters or converters may void the Autocar limited warranty in whole or in part.

- Autocar will deliver the Autocar chassis to the designated agent for delivery.

01/29/2021

Dimensions



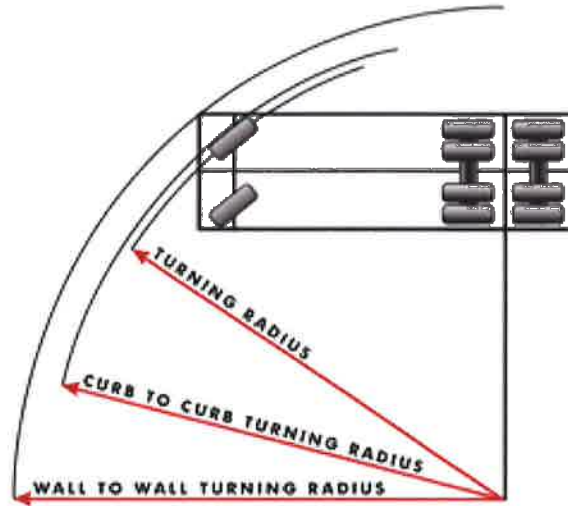
	Dimension(ft)	Description
A	89.50	CAB HEIGHT
B	76.50	BUMPER TO BACK OF CAB
C	0.00	EFFECTIVE BUMPER TO BACK OF CAB
D	192.00	OVERALL LENGTH
E	0.00	EFFECTIVE CAB TO END OF FRAME
F	0.00	EFFECTIVE CAB TO REAR AXLE
G	44.10	UNLADEN FRAME HEIGHT
H	27.00	OVERHANG
I	116.00	WHEELBASE
J	49.00	BUMPER TO FRONT AXLE
M	133.60	OVERALL HEIGHT
O	55.10	FLOOR HEIGHT
P	68.00	EFFECTIVE BACK OF CAB TO KING PIN
Q	60.10	GROUND TO TOP OF 5TH WHEEL (RAISED)
Q	46.60	GROUND TO TOP OF 5TH WHEEL (LOWERED)

SPECIFICATION SUMMARY

Model	ACTT42 Class 8
Engine	QSBT4f 146HP @ 2100RPM / 620 LB-FT @1500RPM, CUMMINS
Transmission	ALLISON 3000 SERIES, 4-SPEED
Rear Axle	MERITOR RS24-160, SINGLE REDUCTION AXLE
Rear Axle Ratio	7.17
Rear Tire	295/75R22.5G

01/29/2021

Turning Radius



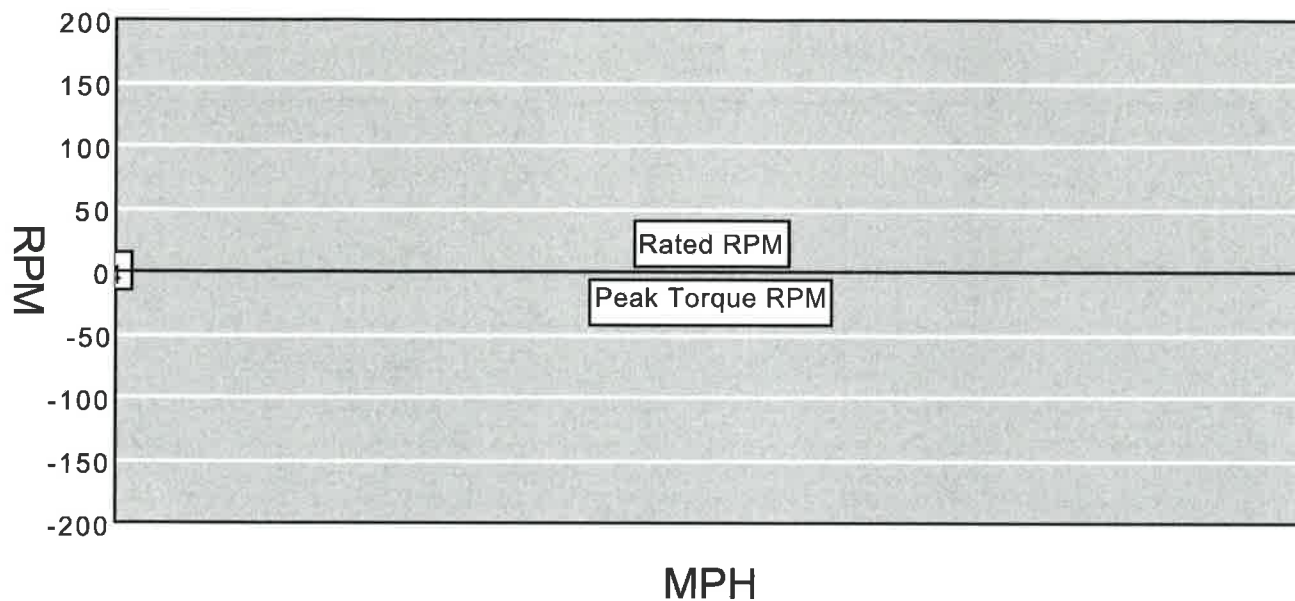
	Dimension(ft)	Description
A	20.36	TURNING RADIUS
B	42.68	CURB TO CURB TURNING DIAMETER
C	45.51	WALL TO WALL TURNING DIAMETER

SPECIFICATION SUMMARY

Model	
Engine	QSBT4f 146HP @ 2100RPM / 620 LB-FT @1500RPM, CUMMINS
Transmission	ALLISON 3000 SERIES, 4-SPEED
Rear Axle	MERITOR RS24-160, SINGLE REDUCTION AXLE
Rear Axle Ratio	7.17
Rear Tire	295/75R22.5G

01/29/2021

Shift Chart



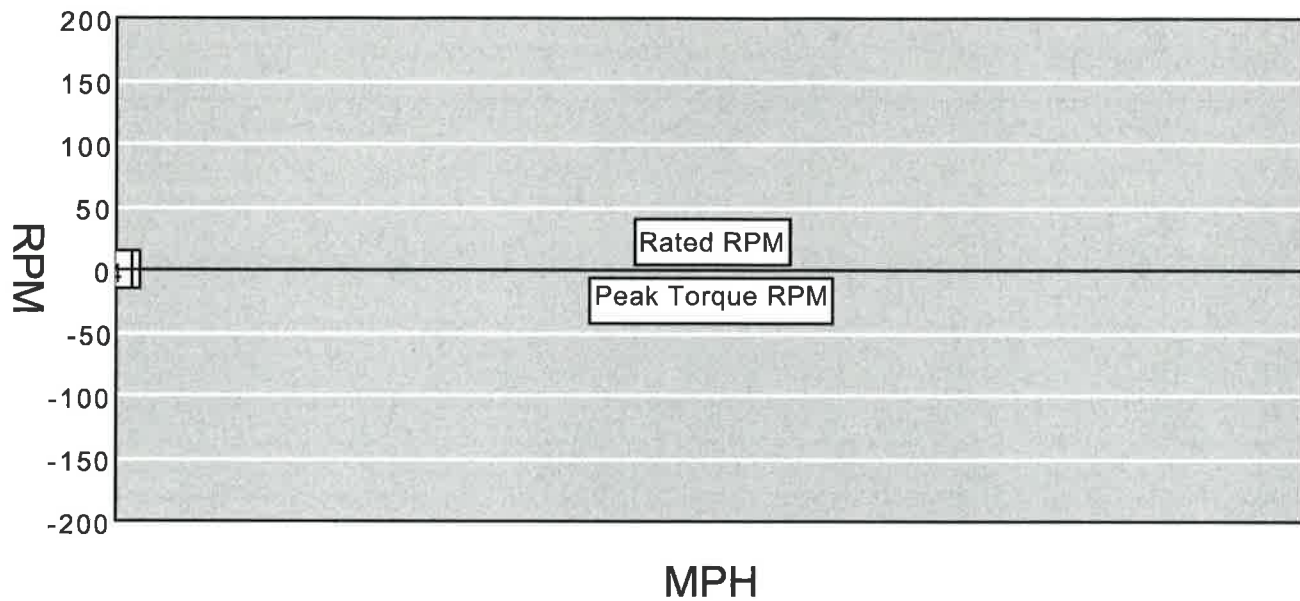
Gear	Trans. Ration	Rear Axle Ration	Overall Reduction	% Split	MPH	RPM After Shift
1C	5.06	7.17	36.3	0.0	0.0	0
1	3.49	7.17	25.0	45.0	0.0	0
2	1.86	7.17	13.3	87.6	0.0	0
3	1.41	7.17	10.1	31.9	0.0	0
4	1.00	7.17	7.2	41.0	0.0	0

SPECIFICATION SUMMARY

Model	ACTT42 Class 8
Engine	QSBT4f 146HP @ 2100RPM / 620 LB-FT @1500RPM, CUMMINS
Rated Power	0 HP @ 0 RPM
Peak Torque	0 LB-FT @ 0
Transmission	ALLISON 3000 SERIES, 4-SPEED
Rear Axle	MERITOR RS24-160, SINGLE REDUCTION AXLE
Rear Axle Ratio	7.17
Rear Tire	295/75R22.5G
Tire Revolution	504

01/29/2021

Operating Range



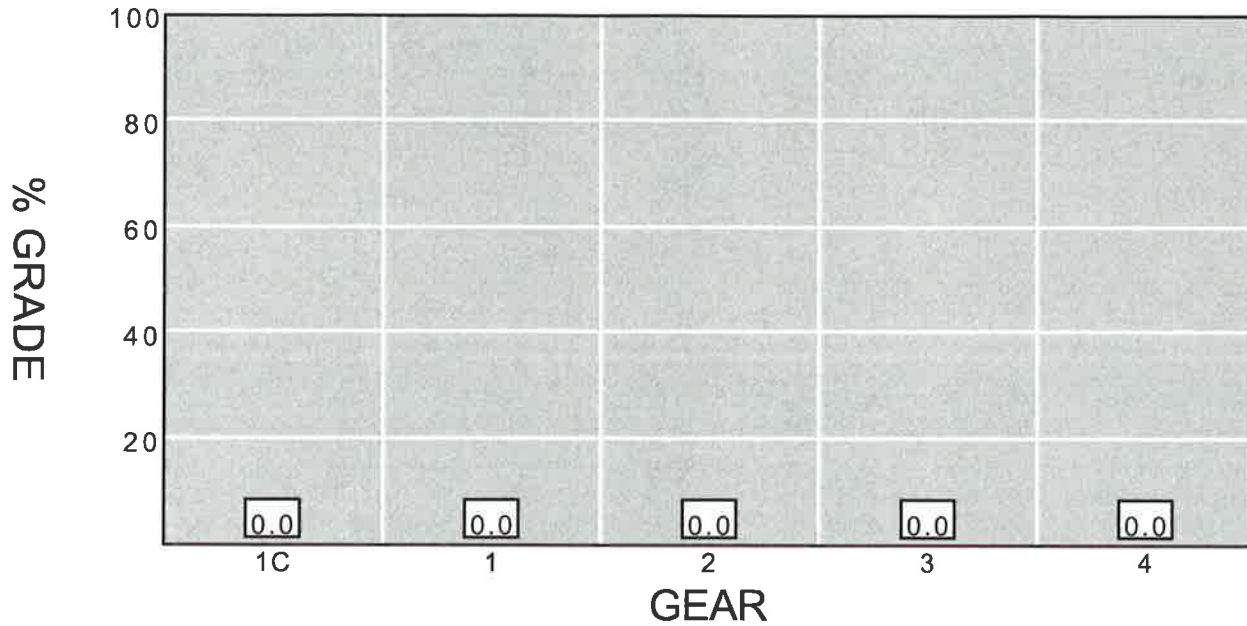
Gear	Trans. Ratio	Rear Axle Ratio	Minimum MPH	Maximum MPH
1C	5.06	7.17	0.0	0.0
1	3.49	7.17	0.0	0.0
2	1.86	7.17	0.0	0.0
3	1.41	7.17	0.0	0.0
4	1.00	7.17	0.0	0.0

SPECIFICATION SUMMARY

Model	ACTT42 Class 8
Engine	QSBT4f 146HP @ 2100RPM / 620 LB-FT @1500RPM, CUMMINS
Rated Power	0 HP @ 0 RPM
Peak Torque	0 LB-FT @ 0
Transmission	ALLISON 3000 SERIES, 4-SPEED
Rear Axle	MERITOR RS24-160, SINGLE REDUCTION AXLE
Rear Axle Ratio	7.17
Rear Tire	295/75R22.5G
Tire Revolution	504

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Gradeability



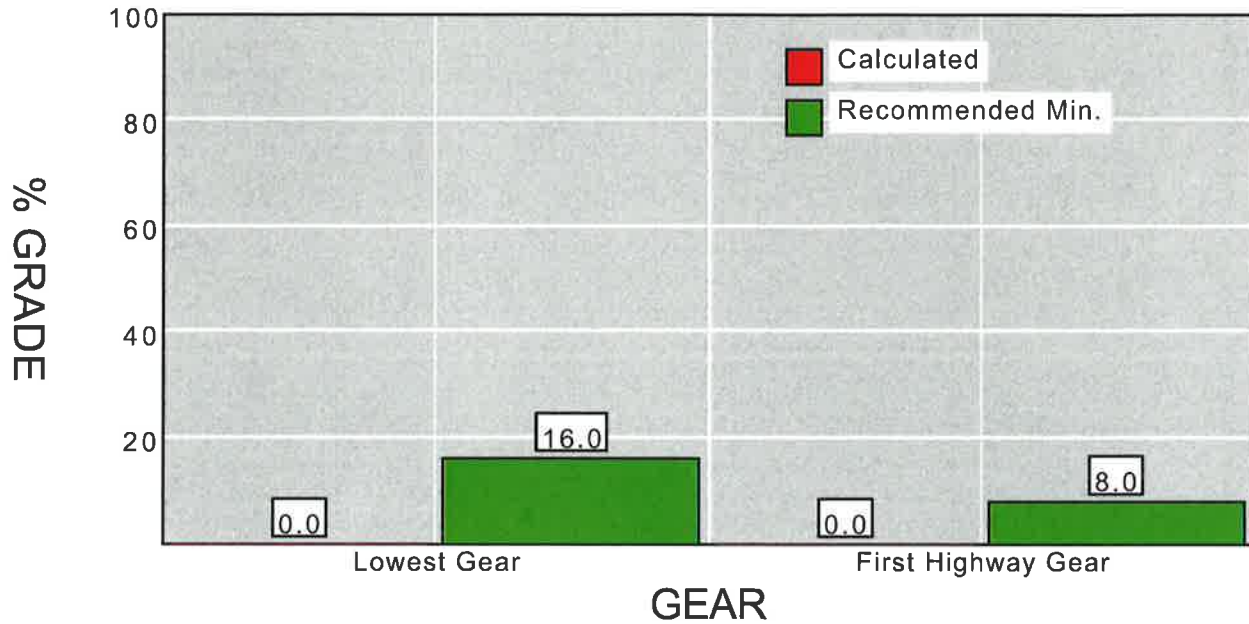
Gear	Trans. Ratio	Rear Axle Ratio	Overall Reduction	Peak Torque	Wheel HP	MPH	Maximum Grade%
1C	5.06	7.17	36.3	0.0	0.0	0.0	0.0
1	3.49	7.17	25.0	0.0	0.0	0.0	0.0
2	1.86	7.17	13.3	0.0	0.0	0.0	0.0
3	1.41	7.17	10.1	0.0	0.0	0.0	0.0
4	1.00	7.17	7.2	0.0	0.0	0.0	0.0

SPECIFICATION SUMMARY

Model	ACTT42 Class 8
Engine	QSBT4f 146HP @ 2100RPM / 620 LB-FT @1500RPM, CUMMINS
Peak Torque	0 LB-FT @ 0
Transmission	ALLISON 3000 SERIES, 4-SPEED
Rear Axle	MERITOR RS24-160, SINGLE REDUCTION AXLE
Rear Axle Ratio	7.17
Rear Tire	295/75R22.5G
Tire Revolution	504
GVW/GCV	0
Surface	Concrete

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Startability



Gear	Application	Recommended Minimum Grade %	Calculated Grade %
Lowest Gear	City	12.0	n/a
	On Highway	16.0	n/a
	On-Off Highway	18.0	n/a
	Off Highway	20.0	n/a
First Highway Gear		0.0	n/a
	All Applications	8.0	n/a

"SPECIFICATION SUMMARY"

Model	ACTT42 Class 8
Engine	QSBT4f 146HP @ 2100RPM / 620 LB-FT @1500RPM, CUMMINS
Clutch Torque	0 LB-FT 0 RPM
Transmission	ALLISON 3000 SERIES, 4-SPEED
Rear Axle	MERITOR RS24-160, SINGLE REDUCTION AXLE
Rear Axle Ratio	7.17
Rear Tire	295/75R22.5G
Tire Radius	19.5
GVW/GCV	0
Surface	Concrete
Terrain	On Highway

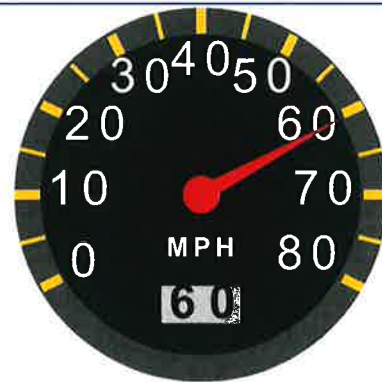
01/29/2021

Top Speed

Speed At Maximum RPM



RPM At 60MPH



	MPH	RPM
Top Speed	0.0	0
Cruise Speed	60.0	3,613
Minimum Of Engine Range	0.0	0
Maximum Of Engine Range	0.0	0
Minimum Of Economy Range	0.0	0
Maximum Of Economy Range	0.0	0

SPECIFICATION SUMMARY

Model	ACTT42 Class 8
Engine	QSBT4f 146HP @ 2100RPM / 620 LB-FT @1500RPM, CUMMINS
Transmission	ALLISON 3000 SERIES, 4-SPEED
Rear Axle	MERITOR RS24-160, SINGLE REDUCTION AXLE
Rear Axle Ratio	7.17
Rear Tire	295/75R22.5G
Tire Revolution	504