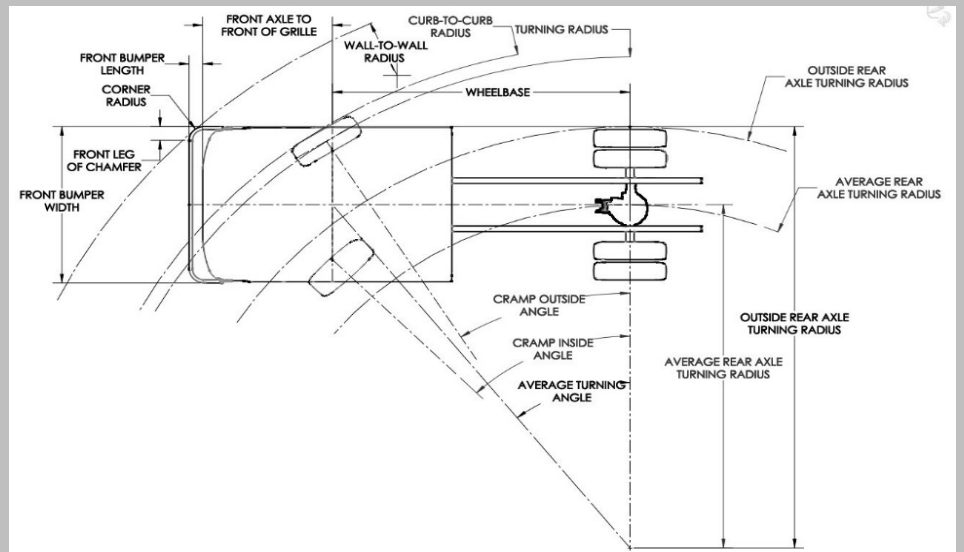


TURNING RADIUS CALCULATIONS BASED ON AVERAGE OF INNER AND OUTER FRONT WHEEL CRAMP ANGLES

INPUT DESCRIPTION	INPUT VALUE	UNITS
VIN	Roseville, MN	
WHEELBASE	236	INCHES
FRONT AXLE	SteerTek 23K	
FRONT AXLE KPI	70.87	INCHES
FRONT AXLE TRACK	95.01	INCHES
FRONT TIRE	Goodyear 425/65R G296 WHA	
FRONT TIRE OVERALL WIDTH	16.6	INCHES
FRONT WHEEL	Alcoa 12.25 X 22.5 Al	
FRONT WHEEL INSET	4.68	INCHES
FRONT AXLE TO FRONT OF GRILL	79.37	INCHES
FRONT BUMPER LENGTH	24	INCHES
FRONT BUMPER WIDTH	102	INCHES
FRONT BUMPER CORNER RADIUS (R) OR CHAMFER (C)?	R	
FRONT BUMPER CORNER RADIUS	9	INCHES
LEFT TURN CRAMP INSIDE ANGLE	43	DEGREES
LEFT TURN CRAMP OUTSIDE ANGLE	36.41	DEGREES
RIGHT TURN CRAMP INSIDE ANGLE	43	DEGREES
RIGHT TURN CRAMP OUTSIDE ANGLE	36.41	DEGREES

OUTPUT DESCRIPTION	OUTPUT VALUE	UNITS		UNITS
AVERAGE TIRE TURNING ANGLE LEFT	39.7	DEGREES		
AVERAGE TIRE TURNING ANGLE RIGHT	39.7	DEGREES		
AVERAGE REAR AXLE TURNING RADIUS LEFT	284.2	INCHES	23.7	FEET
AVERAGE REAR AXLE TURNING RADIUS RIGHT	284.2	INCHES	23.7	FEET
OUTSIDE REAR AXLE TURNING RADIUS LEFT	335.2	INCHES	27.9	FEET
OUTSIDE REAR AXLE TURNING RADIUS RIGHT	335.2	INCHES	27.9	FEET
INSIDE REAR AXLE TURNING RADIUS LEFT	233.2	INCHES	19.4	FEET
INSIDE REAR AXLE TURNING RADIUS RIGHT	233.2	INCHES	19.4	FEET



Rosenbauer Motors v. 10282015mjb

OUTPUT DESCRIPTION	OUTPUT VALUE	UNITS		UNITS
TURNING RADIUS LEFT	407.1	INCHES	33.9	FEET
TURNING RADIUS RIGHT	407.1	INCHES	33.9	FEET
CURB-TO-CURB RADIUS LEFT	415.4	INCHES	34.6	FEET
CURB-TO-CURB RADIUS RIGHT	415.4	INCHES	34.6	FEET
WALL-TO-WALL RADIUS LEFT	473.3	INCHES	39.4	FEET
WALL-TO-WALL RADIUS RIGHT	473.3	INCHES	39.4	FEET