SAE Turning Radius Calculations for Order No. 137716				
Wheelbase:		204"	Front Bumper Size:	10"
Body Width:		100"	Front Bumper Extension:	20"
Front Axle Kingpin Center:		68.83"	Front Wheel Type:	ALUMINUM
Front Axle Track:		81.47"	Rear Wheel Type:	ALUMINUM
Front Axle Tire Width:		16.2"	Tire Brand:	MICHELIN
Dimension Over Rear Tires:		97.71"		
Body Front Overhang:		92"		
Inside Cramp Angle	**S. A. E. Turning Radius**	**Tire Curb Clearance**	**Bumper Swing Clearance**	**Minimum Inside Radius**
38	32.9'	33.5'	37.9'	20.6'
39	32.2'	32.9'	37.3'	19.8'
40	31.6'	32.3'	36.8'	19.1'
41	31'	31.7'	36.3'	18.4'
42	30.4'	31.1'	35.8'	17.7'
43	29.9'	30.6'	35.3'	17'
44	29.4'	30.1'	34.9'	16.4'
45	28.9'	29.6'	34.4'	15.8'
Nominal Cramp Angles:				
Leaf spring suspension: up to and including 425/65R22.5 tires			45 degrees	
Leaf spring suspension: 445/65R22.5 tires			38 degrees	
Independent Front Suspension (IFS): up to and including 425/65R22.5 tires			44 degrees	
Independent Front Suspension (IFS): 445/65R22.5 tires			42 degrees	
This turning radius report reflects how the vehicle was ordered and entered into the E-One Production system. Any changes done off-line may slightly alter the turning radius of the vehicle and the data in this report.				

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SAE Turning Radius Calculations for Order No. 137551				
Wheelbase:		250"	Front Bumper Size:	10"
Body Width:		100"	Front Bumper Extension:	20"
Front Axle Kingpin Center:		68.83"	Front Wheel Type:	ALUMINUM
Front Axle Track:		81.47"	Rear Wheel Type:	ALUMINUM
Front Axle Tire Width:		16.2"	Tire Brand:	MICHELIN
Dimension Over Rear Tires:		98.59"		
Body Front Overhang:		93"		
Inside Cramp Angle	**S. A. E. Turning Radius**	**Tire Curb Clearance**	**Bumper Swing Clearance**	**Minimum Inside Radius**
38	39'	39.7'	44.2'	25.4'
39	38.3'	38.9'	43.5'	24.5'
40	37.5'	38.2'	42.8'	23.6'
41	36.8'	37.5'	42.2'	22.7'
42	36.1'	36.8'	41.6'	21.9'
43	35.5'	36.2'	41'	21.1'
44	34.9'	35.6'	40.4'	20.3'
45	34.3'	35'	39.9'	19.6'
Nominal Cramp Angles:				
Leaf spring suspension: up to and including 425/65R22.5 tires			45 degrees	
Leaf spring suspension: 445/65R22.5 tires			38 degrees	
Independent Front Suspension (IFS): up to and including 425/65R22.5 tires			44 degrees	
Independent Front Suspension (IFS): 445/65R22.5 tires			42 degrees	
This turning radius report reflects how the vehicle was ordered and entered into the E-One Production system. Any changes done off-line may slightly alter the turning radius of the vehicle and the data in this report.				

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