

480 ft slalom

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### Hypothesis:

2011 Suzuki Kizashi Sport GTS AWD vs. 2011 Audi A4 Quattro Sport 2.0T\*, 2011 Subaru Legacy Limited AWD, 2011 Honda Accord LX\*, 2011 Hyundai Sonata GLS\* and 2011 BMW 328i Sedan\*. Which vehicle will out perform on a 480 ft slalom course with packed snow conditions at KRC Winter Proving Grounds in Calumet, MI.

### Method:

Perform multiple passes through 6 gates at 80 feet each on groomed packed snow. Grooming was necessary after a few runs to insure fairness for each vehicle. Vehicle where timed in and out and time and speed were averaged.

### Conclusion:

2011 Suzuki Kizashi GTS	09.76 sec / 33.53 mph
2011 Honda Accord LX	10.48 sec / 31.23 mph
2011 Subaru Legacy	10.51 sec / 31.14 mph
2011 Hyundai Sonata	10.93 sec / 29.94 mph
2011 BMW 328i	11.35 sec / 28.83 mph
2011 Audi A4 2.0T Quattro	12.64 sec / 25.89 mph

\*Audi A4 2.0T Quattro Sport tested is only available with P245/40R18 non M+S Tires,

\*Honda Accord and Hyundai Sonata were tested with FWD only as AWD is not offered on these vehicle.

\* BMW 328i was tested in RWD as they do not offer a AWD system.

## 230 ft Accident Avoidance

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### Hypothesis:

2011 Suzuki Kizashi Sport GTS AWD vs. 2011 Audi A4 Quattro Sport 2.0T\*, 2011 Subaru Legacy Limited AWD, 2011 Honda Accord LX\*, 2011 Hyundai Sonata GLS\* and 2011 BMW 328I Sedan\*. Which vehicle will out perform on a 230 ft Accident Avoidance course with packed snow conditions at KRC Winter Proving Grounds in Calumet, MI.

### Method:

Perform multiple passes through 50 ft straight into a 40 gate to the left 50 ft straight into a 40 ft to the right gate followed by a 50 ft exit straight for a total of 230 ft.. Grooming was necessary after a few runs to insure fairness for each vehicle. Vehicle where timed in and out and time and speed were averaged.

### Conclusion:

2011 Suzuki Kizashi GTS	4.26 sec / 36.81 mph
2011 Subaru Legacy	4.60 sec / 34.09 mph
2011 Hyundai Sonata	5.49 sec / 28.56 mph
2011 Honda Accord LX	5.89 sec / 26.62 mph
2011 BMW 328I	6.10 sec / 28.83 mph
2011 Audi A4 2.0T Quattro	6.70 sec / 23.40 mph

\* Audi A4 2.0T Quattro Sport tested is only available with P245/40R18 non M+S Tires

\*Honda Accord and Hyundai Sonata were tested with FWD only as AWD is not offered on these vehicle.

\* BMW 328I was tested in RWD as they do not offer a AWD system



45 to 0  
Braking

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### Hypothesis:

2011 Suzuki Kizashi Sport GTS AWD vs. 2011 Audi A4 Quattro Sport 2.0T\*, 2011 Subaru Legacy Limited AWD, 2011 Honda Accord LX\*, 2011 Hyundai Sonata GLS\* and 2011 BMW 328I Sedan\*. Which vehicle will out perform with a 45 mph to 0 mph braking with packed snow conditions at KRC Winter Proving Grounds in Calumet, MI.

### Method:

Perform multiple passes from 45 mph to 0mph monitored by a radar gun and in car braking modules. Grooming was necessary after a few runs to insure fairness for each vehicle. .

### Conclusion:

2011 Suzuki Kizashi GTS	177 ft / .35 g' s
2011 Honda Accord LX	188 ft / .30 g' s
2011 BMW 328I	193 ft / .37 g' s
2011 Hyundai Sonata	211 ft / .33 g' s
2011 Subaru Legacy	213 ft / .29 g' s
2011 Audi A4 2.0T Quattro	304 ft / .24 g' s

\* Audi A4 2.0T Quattro Sport tested is only available with P245/40R18 non M+S Tires

\*Honda Accord and Hyundai Sonata were tested with FWD only as AWD is not offered on these vehicle.

\* BMW 328I was tested in RWD as they do not offer a AWD system



300 ft  
Skid Pad

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### Hypothesis:

2011 Suzuki Kizashi Sport GTS AWD vs. 2011 Audi A4 Quattro Sport 2.0T\*, 2011 Subaru Legacy Limited AWD, 2011 Honda Accord LX\*, 2011 Hyundai Sonata GLS\* and 2011 BMW 328I Sedan\*. Which vehicle has the best road holding with packed snow conditions at KRC Winter Proving Grounds in Calumet, MI.

### Method:

Perform multiple passes both clockwise and counter clockwise around a 300 ft Lateral G course and averaging each run.. Monitored by in car monitoring system. Grooming was necessary after a few runs to insure fairness for each vehicle. .

### Conclusion:

2011 Suzuki Kizashi GTS	.43 g' s
2011 Honda Accord LX	.41 g' s
2011 Hyundai Sonata	.40 g' s
2011 Subaru Legacy	.39 g' s
2011 BMW 328I	.33 g' s
2011 Audi A4 2.0T Quattro	.27 g' s

\* Audi A4 2.0T Quattro Sport tested is only available with P245/40R18 non M+S Tires

\*Honda Accord and Hyundai Sonata were tested with FWD only as AWD is not offered on these vehicle.

\* BMW 328I was tested in RWD as they do not offer a AWD system



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