



SERPENT

SPYDER  
Mid-Motor SRX2

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| NAME Daniel Castaneda                                                                                                                                                                                                                     |             | DATE 2014-02-16                                                                                                                                                                                                             | TRACK Coral Springs                                                                                           |
| CITY Coral Springs                                                                                                                                                                                                                        | COUNTRY USA |                                                                                                                                                                                                                             | EVENT Outdoor Base Setup                                                                                      |
| TRACTION LEVEL<br><input type="radio"/> HIGH <input checked="" type="radio"/> MEDIUM <input type="radio"/> LOW                                                                                                                            |             | TRACK TYPE<br><input type="radio"/> OPEN <input checked="" type="radio"/> MEDIUM <input type="radio"/> TIGHT                                                                                                                | TRACK SIZE<br><input checked="" type="radio"/> LARGE <input type="radio"/> MEDIUM <input type="radio"/> SMALL |
| CONDITIONS<br><input type="checkbox"/> WET <input checked="" type="checkbox"/> DUSTY <input type="checkbox"/> LOOMY<br><input checked="" type="checkbox"/> DRY <input checked="" type="checkbox"/> GROOVED <input type="checkbox"/> ROUGH |             | SURFACE<br><input type="checkbox"/> INDOORS <input type="checkbox"/> GRAVEL <input type="checkbox"/> CARPET<br><input checked="" type="checkbox"/> OUTDOORS <input type="checkbox"/> ASTRO <input type="checkbox"/> ASPHALT |                                                                                                               |

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| Front Suspension | Sway Bar: <input type="checkbox"/> Yes Size _____ mm<br><input checked="" type="checkbox"/> No                                                                                                                                                                                                                                                                                        | Caster Block Inserts<br><input checked="" type="checkbox"/> + <input type="checkbox"/> 0 Deg<br><input type="checkbox"/> - <input checked="" type="checkbox"/> 2.5 Deg<br><input type="checkbox"/> 5 Deg | Bump Steer<br>Shims 0 mm | Steering Ackerman<br><input type="checkbox"/> Opt.1<br><input checked="" type="checkbox"/> Opt.2<br><input type="checkbox"/> Opt.3 |
|                  | Ride Height: 23.5 mm<br>Camber: 1 °<br>Toe: <input type="checkbox"/> In <input checked="" type="checkbox"/> Out 0.5 °<br>Front Bulkhead Insert<br><input checked="" type="checkbox"/> 20° <input checked="" type="checkbox"/> 25° <input type="checkbox"/> 30°<br><input checked="" type="checkbox"/> Stock / 25° <input type="checkbox"/> Brass<br><input type="checkbox"/> Aluminum | Shims mm<br>B A C                                                                                                                                                                                        | Shims mm<br>B A          | Shims 1 mm<br>1 2 3 4                                                                                                              |

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| Rear Suspension | Sway Bar: <input type="checkbox"/> Yes Size _____ mm<br><input checked="" type="checkbox"/> No                                                             | RR-FR-Toe-Block <input checked="" type="checkbox"/> Stock <input type="checkbox"/> Brass | Outboard Toe-In<br><input checked="" type="checkbox"/> 0 deg<br><input type="checkbox"/> 0.5 deg<br><input type="checkbox"/> 1.0 deg<br><input type="checkbox"/> 1.5 deg<br><input type="checkbox"/> 2.0 deg | Wing Mount <input checked="" type="checkbox"/> Std.<br><input type="checkbox"/> Low                                                |
|                 | Ride Height: 24 mm<br>Camber: 1.5 °<br>0R 0 0L 0L UP 0R 0 0L 0L<br>1R 1 1L 1L Down 1R 1 1L 1L<br>2R 2 2L 2L 2R 2 2L 2L<br>Toe-In: 3.0 °<br>Anti-Squat: 1 ° | Shims mm<br>C B A D E                                                                    | Ballast Weight<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                        | Hex Adapter<br><input type="checkbox"/> -0.75 mm<br><input checked="" type="checkbox"/> Stock<br><input type="checkbox"/> +0.75 mm |

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| Shocks | Front<br>Shock Piston (1): 1.6 mm X 2<br>Shock Brand/Oil: AE 32.5<br>Shock Spring: AE White<br>Shock Limiters (2): 2 mm<br>Shock Length (3): 20.5 mm<br>Rebound (4): 2.5 mm<br>Bladder / Seal (5): seal<br>Spring Bucket: Tall | Rear<br>Shock Piston (1): 1.7 mm X 2<br>Shock Brand/Oil: AE 32.5<br>Shock Spring: AE Green<br>Shock Limiters (2): 3.5 mm<br>Shock Length (3): 26.5 mm<br>Rebound (4): 2.5 mm<br>Bladder / Seal (5): seal<br>Spring Bucket: Short | Battery-Weight<br>"Weight Placement" Type the weight in grams at the Location it's placed on the chassis<br>Vehicle Weight: 1590 Grams<br>Weight Bias - Front: _____ % Rear: _____ %<br><input checked="" type="checkbox"/> Saddle Battery<br><input type="checkbox"/> Shorty Battery | Battery Location (Measured from inside Front cross brace):<br>Distance 0 mm |
|        | Shocks diagram with labels (1) through (5)                                                                                                                                                                                     |                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                       |                                                                             |

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| Gearing | Spur Gear (A): 78 T<br>Pinion Gear (B): 22 T<br>Gear Ratio (A/B)=C: _____<br>Final Drive (C*2.43): _____ | Differential<br>Diff Height<br><input checked="" type="checkbox"/> High <input type="checkbox"/> Med <input type="checkbox"/> Low<br><input checked="" type="checkbox"/> Ball Differential<br><input type="checkbox"/> Gear Differential<br>Oil cst/wt: _____ | Electrics<br>Radio: 93/85<br>ESC: 15% drag brake<br>Motor: Reedy 7.5<br>Servo: Savox 1258<br>Battery: HVR 5900 60c | Body-Wing<br>Body: Serpent<br>Wing Rear: Serpent<br>Wing Width: Stock<br>Wing Lip: Standard<br>Wing Angle: 2 Degrees<br>Wing Front: No |
|         |                                                                                                          |                                                                                                                                                                                                                                                               |                                                                                                                    |                                                                                                                                        |

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| Tires | Front<br>Brand: JConcepts<br>Model Name: Bar Codes<br>Compound: Super Soft<br>Insert Type: Open 3/4<br>Wheels: JC Mono<br>Tire Additive: Sticky Kicks | Rear<br>Brand: JConcepts<br>Model Name: Splitters<br>Compound: Super Soft<br>Insert Type: JC Molded<br>Wheels: JC Mono<br>Tire Additive: Sticky Kicks | Comments<br>10g lead weight in place of Ballast, Machined Flat Pistons. Consider 2mm front ball stud, knuckles up&1mm bump, 1.5mm rear ball stud, rear tower 2nd hole, no rear weight, front aluminum pivot. |
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