

**XRAY X4'22**

|       |                    |  |  |      |           |
|-------|--------------------|--|--|------|-----------|
| RACE  | 2024 MMR Challenge |  |  |      |           |
| TRACK | MMR Raceway        |  |  |      |           |
| NAME  | Cory Craig (VTA)   |  |  | DATE | 4-28-2024 |

|                   |               |                |              |      |      |
|-------------------|---------------|----------------|--------------|------|------|
| TRACK TEMPERATURE | QUAL POSITION | FINAL POSITION | BEST LAPTIME | LAPS | TIME |
|                   | 1             | 1              | /sec         | /    |      |

**TRACK**

|               |   |  |
|---------------|---|--|
| TRACK SURFACE | <input checked="" type="checkbox"/> CARPET    | <input type="checkbox"/> ASPHALT   |
| TRACK LAYOUT  | <input checked="" type="checkbox"/> TECHNICAL | <input type="checkbox"/> MIXED <input type="checkbox"/> FAST             |
| TRACTION      | <input type="checkbox"/> LOW                  | <input checked="" type="checkbox"/> MEDIUM <input type="checkbox"/> HIGH |

**TRANSMISSION**

|  |                                   |
|--|-----------------------------------|
| FRONT  | REAR                              |
| SOLID AXLE <input checked="" type="checkbox"/> YES |                                   |
| GEAR DIFFERENTIAL - OIL                            | GEAR DIFFERENTIAL - OIL 7000 /cSt |
| PINION 47 /T                                       | SPUR GEAR 88 /T FINAL DRIVE RATIO |

**SHOCKS**

|   |  |
|---|--|
| FRONT   | REAR   |
| 2.6   | XRAY SPRINGS 2.7   |
| 450   | OIL /cSt 450   |
| 0   | REBOUND % 0  |
| <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO   | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO                                    |
| <input type="checkbox"/> 3 HOLES<br><input type="checkbox"/> 4 HOLES<br><input checked="" type="checkbox"/> PSS | PISTONS<br>..... 1.0mm .....<br>..... 1.1mm .....<br>..... 1.2mm .....<br><input type="checkbox"/> PSS |
| 2 x 0.8   | 2 x 0.8  |
| SHOCK LENGTH FRONT 8.5 /mm  | SHOCK LENGTH REAR 8.5 /mm  |

**ANTI-ROLL BAR**

|                  |  |                  |
|------------------|--|------------------|
| 1.3 THICKNESS/mm |  | THICKNESS/mm 1.2 |
|------------------|--|------------------|

|  |                 |  |
|--|-----------------|--|
|  | <b>TIRES</b>    |  |
|  | ADDITIVE        |  |
|  | ADDITIVE TIMING |  |

|            |             |              |           |            |
|------------|-------------|--------------|-----------|------------|
| FRONT LEFT | FRONT RIGHT | TREATED AREA | REAR LEFT | REAR RIGHT |
|            |             |              |           |            |

|              |           |                |                 |             |
|--------------|-----------|----------------|-----------------|-------------|
| TOTAL WEIGHT | 1420 /g   | WEIGHT BALANCE | FRONT 50.5 %    | REAR 49.5 % |
| MOTOR        | Motiv MC5 | TIMING         |                 |             |
| ESC          | Tekin     | BATTERIES      | Motiv Defy 6000 |             |
| BODY         | Camaro    | WING           |                 |             |

Dimension from body post to window bottom line

**BODY POSITION**

Dimension from body post to upper holder

**WING SIDE PLATE**  
 YES ☐ NO ☐

Dimension from edge to surface

**COMMENTS**

### FRONT & REAR SUSPENSION

#### FRONT CASTER

Adjust with eccentric bushings

**5°** ☒ **4°** ☐ **3°** ☐

**BUMP STEER** **4.5** /mm

**HEIGHT** /mm

**SHIM** **6** /mm

**2.5** /mm **FF** ☒ **5.2** /mm **FR** **2.5** /mm ☒ **SERVO SAVER** ☒ **SERVO HORN** ☐

**RIDE HEIGHT** ☒

#### REAR CASTER

Adjust with eccentric bushings

**0.5°** ☒ **1.5°** ☐ **2.5°** ☐ **3.5°** ☐ **4.5°** ☐ **5.5°** ☐

**TOE GAIN** **5.0** /mm

**3.0** /mm **RF** ☒ **5.4** /mm **RR** **3.0** /mm ☒ **RIDE HEIGHT** ☒

### FRONT SUSPENSION

**-1** /degr. **CAMBER** Left = Right

**BODY STOP** YES ☐ NO ☒ /mm

**FRONT BRACE** YES ☐ NO ☒

**BULKHEAD SHIMS** YES ☐ 3mm ☒ NO

**FRONT SHOCK POSITION** 1 2 3 4

**FRONT HUB** COMPOSITE ☒ ALU ☐

**SHIM** **0.5** /mm

**DRIVE SHAFT** ☒ 58mm ☐ 59mm ☐ STD. BEARING ☒

#107702 Chassis Droop Gauge Blocks #107712 Chassis Droop Gauge **5.8** /mm **DOWNSTOP**

### REAR SUSPENSION

**-2** /degr. **CAMBER** Left = Right

**BODY POST** VERTICAL ☐ HORIZONT. ☒

**REAR SHOCK POSITION** 1 2 3 4

**REAR HUB** COMPOSITE ☒ ALU ☐

**SHIM** **1.0** /mm

**DRIVE SHAFT** ☐ 52mm ☒ 54mm ☐ STD. BEARING ☒

#107702 Chassis Droop Gauge Blocks #107712 Chassis Droop Gauge **5.0** /mm **DOWNSTOP**

### FRONT TOP VIEW

**-1** **TOE OUT** Left = Right

**ACKERMANN** SHIM **0.5** /mm

**BRASS WEIGHT FOR MOTOR MOUNT**

**DIFF POSITION** UP ☐ DOWN ☒

**UPPER ARM** STANDARD ☒

**OFFSET** STANDARD ☒ -0.5mm ☐ SHIM/mm

**STEERING BRIDGE** YES ☐ NO ☒

**TOP DECK FLEX** NONE ☒ BEARING ☐

**TOP DECK** 1.6mm ☒ 2.0mm ☐

**TOP DECK CUTTING**

**TOP DECK** ☒ SPLITTED ☐

### REAR TOP VIEW

**3.0** **TOE IN** Left = Right

**SHIM** /mm

**DIFF POSITION** UP ☐ DOWN ☒

**UPPER ARM** STANDARD ☒

**OFFSET** STANDARD ☒ -0.5mm ☐ SHIM/mm

**TOP DECK FLEX**

**TOP DECK**

### FRONT BOTTOM VIEW

**STEER. LOCK** /degr.

**STEER. SHIM** SIZE /mm

**FRONT BRACE** YES ☒ NO ☐

**FRONT ARMS** MEDIUM ☐ HARD ☒

**STEER. PLATE** STANDARD ☐ +1mm ☐

**SERVO HOLDER** FR RE

**CHASSIS** GRAPHITE ☐ ALU ☐ ALU FLEX ☒

### REAR BOTTOM VIEW

**T-BRACE** ALU ☐ BRASS ☐

**MOTOR MOUNT**

**CHASSIS T-BRACE**

**REAR ARMS** MEDIUM ☐ HARD ☒