

# SET-UP SHEET

# XRAY T4'20

|            |                                      |
|------------|--------------------------------------|
| RACE/TRACK | Winter Warrior Race - Q2 180 Raceway |
| NAME       | Robbie Dodge                         |
| DATE       | 2019-12-15                           |

|               |                |              |      |      |
|---------------|----------------|--------------|------|------|
| QUAL POSITION | FINAL POSITION | BEST LAPTIME | LAPS | TIME |
| 2             | 7              | /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 type="checkbox"/> MEDIUM | <input checked="" type="checkbox"/> HIGH |
|----------|------------------------------|---------------------------------|--|

## FRONT TRANSMISSION REAR

|            |   |
|------------|---|
| SOLID AXLE | <input checked="" type="checkbox"/> YES |
|------------|---|

|                         |      |                         |    |      |
|-------------------------|------|-------------------------|----|------|
| GEAR DIFFERENTIAL - OIL | /cst | GEAR DIFFERENTIAL - OIL | 8k | /cst |
|-------------------------|------|-------------------------|----|------|

|            |               |                   |
|------------|---------------|-------------------|
| PINION / T | SPUR GEAR / T | FINAL DRIVE RATIO |
| 48         | 100           |                   |

## FRONT SHOCKS REAR

|                   |   |            |                   |   |
|-------------------|---|------------|-------------------|---|
| ULTRA LOW PROFILE | <input checked="" type="checkbox"/> SUPER LOW PROFILE | SHOCK TYPE | ULTRA LOW PROFILE | <input checked="" type="checkbox"/> SUPER LOW PROFILE |
|-------------------|---|------------|-------------------|---|

|         |              |     |
|---------|--------------|-----|
| 2.5-2.8 | XRAY SPRINGS | 2.8 |
|---------|--------------|-----|

|     |          |     |
|-----|----------|-----|
| 450 | OIL /cst | 450 |
|-----|----------|-----|

|           |              |     |    |
|-----------|--------------|-----|----|
| REBOUND % | FOAM INSERTS | YES | NO |
|-----------|--------------|-----|----|

|         |         |         |
|---------|---------|---------|
| 3 HOLES | PISTONS | 3 HOLES |
|---------|---------|---------|

|         |       |         |
|---------|-------|---------|
| 4 HOLES | 1.0mm | 4 HOLES |
|---------|-------|---------|

|       |             |       |
|-------|-------------|-------|
| 1.1mm | PROGRESSIVE | 1.2mm |
|-------|-------------|-------|

|   |     |                          |
|---|-----|--------------------------|
| <input checked="" type="checkbox"/> PSS | PSS | <input type="checkbox"/> |
|---|-----|--------------------------|

|     |              |               |              |     |
|-----|--------------|---------------|--------------|-----|
| 1.4 | THICKNESS/mm | ANTI-ROLL BAR | THICKNESS/mm | 1.2 |
|-----|--------------|---------------|--------------|-----|

|                |       |         |
|----------------|-------|---------|
| Gravity 58.5mm | TIRES | Gravity |
|----------------|-------|---------|

|         |          |         |
|---------|----------|---------|
| SXT 3.0 | ADDITIVE | SXT 3.0 |
|---------|----------|---------|

|   |                 |   |
|---|-----------------|---|
| 5 | ADDITIVE TIMING | 5 |
|---|-----------------|---|

|            |             |           |            |
|------------|-------------|-----------|------------|
| FRONT LEFT | FRONT RIGHT | REAR LEFT | REAR RIGHT |
|------------|-------------|-----------|------------|

|              |
|--------------|
| TREATED AREA |
|--------------|

## FRONT ROLL CENTER REAR

|    |    |    |    |
|----|----|----|----|
| FF | FR | RR | RF |
|----|----|----|----|

|   |     |   |     |
|---|-----|---|-----|
| 1 | 0.5 | 1 | 0.5 |
|---|-----|---|-----|

|   |     |   |     |
|---|-----|---|-----|
| 1 | 0.5 | 1 | 0.5 |
|---|-----|---|-----|

## ARS - ACTIVE REAR SUSPENSION™

|          |            |                |
|----------|------------|----------------|
| SHIM     | SHIM       | STEERING BLOCK |
| /mm      | /mm        | MEDIUM         |
| LINKS UP | LINKS DOWN | HARD           |
| GRAPHITE | ALU        | GRAPHITE       |
| OFFSET   | STANDARD   | ALU            |
| SHIMS    | C-HUB      | 0°             |
| /mm      | 2°         | 4°             |

|       |             |        |    |
|-------|-------------|--------|----|
| MOTOR | R1 V21 21.5 | TIMING | 44 |
|-------|-------------|--------|----|

|     |       |           |       |
|-----|-------|-----------|-------|
| ESC | R1 D3 | BATTERIES | R1 6k |
|-----|-------|-----------|-------|

|      |      |
|------|------|
| BODY | WING |
|------|------|

## COMMENTS

Shock Shaft length 9.0mm front and rear

P8 DNF A1 from 2nd.

P1 A2

|             |        |     |           |    |    |                      |     |      |
|-------------|--------|-----|-----------|----|----|----------------------|-----|------|
| FRONT       | CASTER | 0°  | 2°        | 4° | 6° | SHIMS UNDER TOP DECK | /mm | REAR |
| SHIM        | 0.5    | /mm | WHEELBASE | 1  | 1  | 0.5                  | 0   | 5.4  |
| RIDE HEIGHT | /mm    |     |           |    |    |                      |     |      |

|                         |     |              |          |                   |       |
|-------------------------|-----|--------------|----------|-------------------|-------|
| TOE OUT                 | 1   | ACKERMANN    | /mm      | FINAL TOE IN      | 3     |
| SHIMS UNDER SHOCK       | 3   | STEERING ARM | STANDARD | OUTBOARD TOE      | 1     |
| STEERING PLATE          | YES | NO           |          | SHIMS UNDER SHOCK | 1     |
| ROLL CENTER UPPER CLAMP | 2   | 1            |          | 2                 | UPPER |

|               |           |        |               |       |                |           |         |          |            |
|---------------|-----------|--------|---------------|-------|----------------|-----------|---------|----------|------------|
| DIFF POSITION | UP        | DOWN   | BALANCE       | /g    | BATT. BACKSTOP | COMPOSITE | ALU     | ALU ADJ. | BRASS ADJ. |
| STEERING SHIM | SHIM SIZE | 7.5    | BALANCE       | /g    | TOP DECK FLEX  | NO POST   | BEARING | BUSHING  |            |
| STEERING LOCK | 26        | /degr. | CHASSIS BRACE | BRASS | ALU            |           |         |          |            |

|         |               |                |             |       |
|---------|---------------|----------------|-------------|-------|
| FRONT   | SUSP. HOLDERS | SERVO HOLDER   | MOTOR MOUNT | REAR  |
| FF      | FR            | RR             | RF          | RR    |
| ALU     | BRASS         | STEERING PLATE | 8mm         | 8.5mm |
| CHASSIS | GRAPHITE      | ALU            | ALU-FLEX    | OTHER |

|             |      |             |      |      |                         |                   |          |
|-------------|------|-------------|------|------|-------------------------|-------------------|----------|
| C-HUB       | SHIM | DRIVE SHAFT | SHIM | SHIM | DRIVE SHAFT             | SHIM              | REAR HUB |
| M           | 2    | 52mm        | 2    | 1.5  | 4                       | /mm               | M        |
| H           |      | 51mm        |      |      |                         |                   | H        |
| G           |      | 50mm        |      |      |                         |                   | G        |
| ALU         |      | OTHER       |      |      |                         |                   | ALU      |
| STEER.BLOCK | M    | H           | G    | ALU  | ROLL CENTER UPPER CLAMP | MEASURE UNDER ARM | DOWNSTOP |
| 5.0         |      |             |      |      |                         |                   | 4.0      |

|       |        |        |          |              |              |              |           |       |
|-------|--------|--------|----------|--------------|--------------|--------------|-----------|-------|
| FRONT | CAMBER | 2      | /degr.   | SHOCK TOWERS | HIGHER SLP   | STANDARD ULP | LOWER ULP | OTHER |
| REAR  | CAMBER | /degr. | REAR ARM | HARD (H)     | GRAPHITE (G) | SHORT        | LONG      |       |