

# SET-UP SHEET

# XRAY XB4'20

|       |                        |      |           |
|-------|------------------------|------|-----------|
| RACE  | WC 2019 Slovakia       |      |           |
| TRACK | Hudy Arena indoor dirt |      |           |
| NAME  | Martin Bayer           | DATE | September |

|                     |  |                |  |
|---------------------|--|----------------|--|
| LAPS                |  | BEST LAP TIME  |  |
| QUALIFYING POSITION |  | FINAL POSITION |  |

|                 |   |  |   |
|-----------------|---|--|---|
| TRACK SIZE      | <input type="checkbox"/> OPEN                   | <input checked="" type="checkbox"/> MEDIUM | <input type="checkbox"/> TIGHT            |
| TRACK TRACTION  | <input type="checkbox"/> HIGH                   | <input type="checkbox"/> MEDIUM            | <input checked="" type="checkbox"/> LOW   |
| TRACK SURFACE   | <input type="checkbox"/> SMOOTH                 | <input type="checkbox"/> MEDIUM            | <input checked="" type="checkbox"/> BUMPY |
| TRACK TYPE      | <input checked="" type="checkbox"/> HARD PACKED | <input type="checkbox"/> SOFT DIRT         | <input type="checkbox"/> CLAY             |
|                 | <input type="checkbox"/> CARPET                 | <input type="checkbox"/> BLUE GROOVE       | <input type="checkbox"/> ASTRO TURF       |
| TRACK CONDITION | <input checked="" type="checkbox"/> DRY         | <input type="checkbox"/> DUSTY             | <input type="checkbox"/> WET              |
|                 | <input type="checkbox"/>                        | <input type="checkbox"/>                   | <input type="checkbox"/> MUD              |

| DIFFERENTIAL TYPE  |   |  |
|--|---|--|
| FRONT ↓  | MIDDLE ↓                                      | REAR ↓   |
| GEAR DIFF <input checked="" type="checkbox"/>                        | GEAR DIFF <input checked="" type="checkbox"/> | GEAR DIFF <input checked="" type="checkbox"/>                        |
| BALL DIFF <input type="checkbox"/>                                   | SLIPPER <input type="checkbox"/>              | BALL DIFF <input type="checkbox"/>                                   |
| OIL <b>7K</b> cSt  | OIL <b>200K</b> cSt                           | OIL <b>7K</b> cSt  |
| SATELLITE GEARS  |   |  |
| COMPOSITE <input type="checkbox"/>                                   | COMPOSITE <input checked="" type="checkbox"/> | COMPOSITE <input type="checkbox"/>                                   |
| STEEL <input checked="" type="checkbox"/>                            | STEEL <input type="checkbox"/>                | STEEL <input checked="" type="checkbox"/>                            |
| CROWN GEAR   | SLIPPER                                       | CROWN GEAR   |
| 40T <input checked="" type="checkbox"/> 41T <input type="checkbox"/> | <input type="checkbox"/> mm                   | 40T <input checked="" type="checkbox"/> 41T <input type="checkbox"/> |
| SLIPPER ADJUSTMENT   |   |  |

| GEARING |           |           |
|---------|-----------|-----------|
| PINION  | <b>24</b> | SPUR GEAR |
|         | T         | <b>81</b> |
|         |           | T         |

| FRONT                                       | SHOCKS                                     | REAR  |
|---|--|---|
| <b>3 45mm</b>                               | <b>SPRINGS</b>                             | <b>2 60mm</b>                               |
| cSt <b>600</b>                              | <b>OIL</b>                                 | cSt <b>500</b>                              |
|   | <b>REBOUND</b>                             |   |
|   |  |   |
| <input checked="" type="checkbox"/> 2 HOLES | <input type="checkbox"/> ø1.2mm            | <input checked="" type="checkbox"/> 2 HOLES |
| <input type="checkbox"/> 3 HOLES            | <input type="checkbox"/> ø1.3mm            | <input type="checkbox"/> 3 HOLES            |
| <input type="checkbox"/> 6 HOLES            | <input checked="" type="checkbox"/> ø1.4mm | <input type="checkbox"/> 6 HOLES            |
|   | <input type="checkbox"/> ø1.6mm            |   |
|   | <input checked="" type="checkbox"/> ø1.7mm |   |
|   | <b>CUSTOM PISTONS</b>                      |   |
|   | <input type="checkbox"/> mm                |   |
|   | <input type="checkbox"/> mm                |   |

| FRONT                        | SHOCK TOWER                                  | REAR  |
|------------------------------|--|---|
| ALU <input type="checkbox"/> | <input checked="" type="checkbox"/> GRAPHITE | GRAPHITE <input checked="" type="checkbox"/> ALU <input type="checkbox"/> |

| FRONT         | ANTI ROLL BAR | REAR          |
|---------------|---------------|---------------|
| <b>1,2</b> mm | THICKNESS     | <b>1,3</b> mm |

| FRONT             | TIRES           | REAR              |
|-------------------|-----------------|-------------------|
| <b>PL</b>         | <b>BRAND</b>    | <b>PL</b>         |
| <b>M3</b>         | <b>COMPOUND</b> | <b>M3</b>         |
| <b>PL</b>         | <b>INSERTS</b>  | <b>XRAY IFMAR</b> |
| <b>XRAY IFMAR</b> | <b>WHEELS</b>   | <b>XRAY IFMAR</b> |

| ELECTRONICS  |                      |                    |
|--------------|----------------------|--------------------|
| MOTOR        | <b>Hobbywing 7,5</b> | <b>HW XR10 PRO</b> |
| MOTOR TIMING | <b>30</b>            | <b>Sunpadow</b>    |
|              |                      | BATTERY            |

| ELECTRONICS LAYOUT |   |   |
|--------------------|---|---|
| MOTOR POSITION     | FRONT <input type="checkbox"/>            | REAR <input type="checkbox"/>                 |
| BATTERY POSITION   | FRONT <input checked="" type="checkbox"/> | REAR <input type="checkbox"/>                 |
| BATTERY SIZE       | <input type="checkbox"/> STD. SHORT       | <input checked="" type="checkbox"/> LOW SHORT |

| COMMENTS |  |
|----------|--|
|          |  |

| FRONT   | APPLIED <input type="radio"/>     | APPLIED <input checked="" type="checkbox"/>  | REAR   |
|---|-----------------------------------|--|--|
| <b>STEERING BLOCK</b><br>MEDIUM <input type="checkbox"/><br>HARD <input type="checkbox"/><br>GRAPHITE <input checked="" type="checkbox"/> | <b>SHIM</b><br><b>2</b> mm        | <b>DRIVE SHAFT</b><br>CVD <input checked="" type="checkbox"/> ECS <input type="checkbox"/><br>Length <b>83</b> /mm | <b>REAR UPRIGHT</b><br><b>SHIM</b><br><b>2</b> /mm<br>HARD <input type="checkbox"/><br>GRAPHITE <input checked="" type="checkbox"/> ALU <input type="checkbox"/> |
| <b>LONGER BUSHINGS</b><br>UP <input checked="" type="checkbox"/><br>DOWN <input type="checkbox"/>   | <b>LOWER SHOCK POSITION</b><br>mm | <b>DRIVE SHAFT</b><br>Length <b>75</b> /mm   | <b>SHIM</b><br><b>4</b> mm   |
| <b>DOWNSTOP</b><br>mm   | <b>DOWNSTOP</b><br>mm             | <b>DOWNSTOP</b><br>mm  | <b>DOWNSTOP</b><br>mm  |

| FRONT  | CASTER   | CASTER BLOCK   | SHOCK TOWER POSITION   | SHOCK POSITION  | UPRIGHT WHEELBASE                    | SHIM  | OFFSET | RAISING GEARBOX |
|--|--|--|--|---|--------------------------------------|---|--------|-----------------|
| <b>CASTER</b><br>6° <input type="checkbox"/><br>9° <input checked="" type="checkbox"/><br>12° <input type="checkbox"/> | <b>CASTER BLOCK</b><br>MEDIUM <input type="checkbox"/><br>HARD <input type="checkbox"/><br>GRAPHITE <input checked="" type="checkbox"/> ALU <input type="checkbox"/> | <b>SHOCK TOWER POSITION</b><br>FRONT <input checked="" type="checkbox"/> REAR <input type="checkbox"/> | <b>SHOCK POSITION</b><br>FRONT <input checked="" type="checkbox"/> REAR <input type="checkbox"/> | <b>UPRIGHT WHEELBASE</b><br>SHIM <input type="checkbox"/> /mm | <b>OFFSET</b><br><b>-0,75</b> /slots | <b>RAISING GEARBOX</b><br>YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> |        |                 |

| FRONT  | ROLL CENTER  | REAR   |
|--|--|--|
| <b>FF</b><br>1° <input checked="" type="checkbox"/><br>0,5° <input type="checkbox"/> | <b>ROLL CENTER</b><br>1° <input type="checkbox"/><br>0,5° <input type="checkbox"/> | <b>RF</b><br>1° <input checked="" type="checkbox"/><br>0,5° <input type="checkbox"/> |
| <b>FR</b><br>1° <input checked="" type="checkbox"/><br>0,5° <input type="checkbox"/> | <b>RR</b><br>1-DOT <input checked="" type="checkbox"/> NO <input type="checkbox"/> | <b>RR</b><br>1° <input type="checkbox"/><br>0,5° <input type="checkbox"/>            |

| FRONT  | STEER. PLATE  | REAR  |
|--|---|---|
| <b>FRONT TOE</b><br><b>1</b>   | <b>STEER. PLATE</b><br>HARD <input type="checkbox"/><br>GRAPHITE <input checked="" type="checkbox"/> ALU <input type="checkbox"/> | <b>REAR TOE</b><br><b>3</b>   |
| <b>ARM SHIM</b><br><b>2</b> mm   | <b>BUMP STEER</b><br>SHIM <b>2</b> mm   | <b>GRAPHITE FOR REAR BRACE</b><br>YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> |
| <b>UPPER PLATE</b><br>STANDARD <input checked="" type="checkbox"/> STEERING BRACE <input type="checkbox"/> | <b>SERVO SAVER</b><br>SOFT <input type="checkbox"/> MEDIUM <input checked="" type="checkbox"/> TIGHT <input type="checkbox"/>     | <b>REAR BRACE</b><br>MEDIUM <input type="checkbox"/> HARD <input checked="" type="checkbox"/>         |

| FRONT                             | FRONT CAMBER   | FRONT ARMS  | REAR ARMS                          | REAR CAMBER |
|-----------------------------------|--|---|------------------------------------|-------------|
| <b>FRONT CAMBER</b><br><b>2</b> ° | <b>FRONT ARMS</b><br>LONG <input checked="" type="checkbox"/> SHORT <input type="checkbox"/><br>MEDIUM <input type="checkbox"/><br>HARD <input type="checkbox"/><br>GRAPHITE <input checked="" type="checkbox"/> | <b>REAR ARMS</b><br>LONG <input checked="" type="checkbox"/> SHORT <input type="checkbox"/><br>MEDIUM <input type="checkbox"/><br>HARD <input type="checkbox"/><br>GRAPHITE <input checked="" type="checkbox"/> | <b>REAR CAMBER</b><br>mm           |             |
| <b>DOWNSTOP SHIM</b><br>mm        | <b>LENGTH</b><br><b>24</b> mm  | <b>DOWNSTOP SHIM</b><br>mm  | <b>LENGTH</b><br><b>29</b> mm      |             |
| <b>UPSTOP SHIM</b><br><b>2</b> mm | <b>RISE HEIGHT</b><br><b>19</b> mm   | <b>UPSTOP SHIM</b><br><b>2</b> mm   | <b>RISE HEIGHT</b><br><b>19</b> mm |             |

| FRONT   | BALANCE             | CHASSIS  | BALANCE             | WING THICKNESS  | WING CUTTING LINE   | SIDE LINE   |
|---|---------------------|--|---------------------|---|---|---|
| <b>BODY</b><br>STANDARD <input type="checkbox"/> LIGHT <input checked="" type="checkbox"/>                    | <b>BALANCE</b><br>g | <b>CHASSIS</b><br>STANDARD <input type="checkbox"/> 2.5mm <input checked="" type="checkbox"/>  | <b>BALANCE</b><br>g | <b>WING THICKNESS</b><br><input checked="" type="checkbox"/> 1.0mm <input type="checkbox"/> 1.5mm <input type="checkbox"/> 2.0mm<br>TYPE <b>TEC</b> | <b>WING CUTTING LINE</b><br>1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> | <b>SIDE LINE</b><br>HIGHER <input type="checkbox"/> LOWER <input checked="" type="checkbox"/> |
| <b>CHASSIS FLEX</b><br>SCREW USED <input type="checkbox"/> SCREW NOT USED <input checked="" type="checkbox"/> | <b>BALANCE</b><br>g | <b>SIDE GUARDS</b><br>MEDIUM <input type="checkbox"/> HARD <input checked="" type="checkbox"/> | <b>BALANCE</b><br>g | <b>WING CUTTING LINE</b><br>HIGHER <input type="checkbox"/> LOWER <input checked="" type="checkbox"/>   | <b>SIDE LINE</b><br>HIGHER <input type="checkbox"/> LOWER <input checked="" type="checkbox"/>   | <b>SIDE LINE</b><br>HIGHER <input type="checkbox"/> LOWER <input checked="" type="checkbox"/> |