

Charlotte Worlds MBX6 Set up information

2008/9/8

Front Suspension

| | Kingpin ball spacer | Camber angle | Upper arm spacer | Toe angle | Rebound stop | Anti-roll bar | Wheel hub | lower arm mount (kick up) | Lower arm plate | Upper arm plate | Lower arm spacer |
|---------------|---------------------|--------------|------------------|-----------|--------------|---------------|-----------|---------------------------|-----------------|-----------------|------------------|
| Kenji Osaka | 1 | -2 | 2 | 1 | 12 | 2.2 | 0 | 1 | high | middle | 0 |
| Savoya Renard | 0 | -5 | 8 | 0 | max | 2.4 | 0 | 0 | lower | lower | 0 |
| Bobby Tillman | 1 | -3 | 3 | 1 | 17 | 2.2 | stock | 0 | ? | high | 2 behind |
| Scott Hughes | 1 | -2 | 4 | 1 | ? | none | 0 | 0 | high | high | 2 |
| Boero Fabio | 0 | -1.5 | 0 | 1.5 | 14 | 2.4 | stock | 0 | lower | lower | 0 |
| Drew Moller | ? | -1 | ? | 1 | 2 | 2.4 | ? | ? | lower | middle | 2 |
| Dani Vega | 0 | -2 | 0 | 0 | ? | 2.3 | stock | 0 | lower | lower | 2 |

Rear Suspension

| | Camber angle | Lower arm mount (toe/anti squat) | Rebound stop | Anti-roll bar | Anti-Squat | Upright | Wheelbase (front of arm) | lower arm spacer | Upper arm position (tower) | Upper arm position (hub carrier) | Upright pin position |
|---------------|--------------|----------------------------------|--------------|---------------|------------|-----------|--------------------------|------------------|----------------------------|----------------------------------|----------------------|
| Kenji Osaka | -2.5 | 3/1 | 12 | 2.7 | middle | Alum | 2.5 | 0 | middle | outer | lower |
| Savoya Renard | -6 | 3/1 | max | 2.9 | upper | Alum | 0 | 0 | middle | middle | upper |
| Bobby Tillman | -3 | 3/0 | 16 | 2.8 | highest | Alum | 1 | hub in | middle | middle | lower |
| Scott Hughes | -2 | 2.75/1 | ? | 2.8 | highest | Plastic ? | 0.2 | 1 | middle | middle | lower |
| Boero Fabio | -1.5 | | 14 | 2.8 | ? | Alum | Center | 0 | middle | outer | upper |
| Drew Moller | -1 | 3/0 | ? | 2.5 | middle | Alum | 2 | 3 | middle | middle | ? |
| Dani Vega | -2 | 3/0 | ? | 2.5 | highest | Plastic? | middle | 1 | upper | middle | lower |

Front Shocks

| | Piston | Oil | Spring | Spring adjustment | Tower position | Arm position | Steering Ackerman |
|---------------|----------|-----|-----------|-------------------|----------------|--------------|-------------------|
| Kenji Osaka | 1.35 x 5 | 400 | 9.75 x 75 | 4.5 | middle | outer | middle |
| Savoya Renard | original | 600 | soft | 4 | lowest | outer | front |
| Bobby Tillman | stock | 400 | 75 / 9.25 | 7 | middle | outer | middle |
| Scott Hughes | 1.2 | 350 | Medium | 7.4 | middle | outer | middle |
| Boero Fabio | stock | 400 | 9.75 | 4 | middle | outer | front |
| Drew Moller | white | 350 | Medium | ? | middle | outer | middle |
| Dani Vega | Normal | 300 | Ofna | ? | middle | outer | middle |

Rear Shocks

| | Piston | Oil | Spring | Spring adjustment | Tower position | Arm position | Wing Position |
|---------------|----------|-----|------------|-------------------|----------------|--------------|---------------|
| Kenji Osaka | 1.35 x 5 | 350 | 10.5 x 86 | 8 | middle | outer | front lower |
| Savoya Renard | original | 600 | soft | 6 | lowest | outer | front lower |
| Bobby Tillman | stock | 350 | 86 / 10.25 | 10 | middle | outer | front upper |
| Scott Hughes | 1.2 | 300 | soft | 9.9 | middle | outer | front upper |
| Boero Fabio | stock | 350 | 10.75 | 10 | middle | outer | front upper |
| Drew Moller | white | 300 | Medium | ? | middle | outer | ? |
| Dani Vega | Normal | 300 | Ofna | ? | next to bottom | outer | front lower |

Diff oil

| | Front | Middle | Rear |
|---------------|------------------|------------------|-------|
| Kenji Osaka | 4000 | 3000 | 2000 |
| Savoya Renard | 10000 | 10000 | 10000 |
| Bobby Tillman | 5000 | 5000 | 3000 |
| Scott Hughes | 5000 | 7000 | 2000 |
| Boero Fabio | 7000 (2 o-rings) | 7000 (2 o-rings) | 4000 |
| Drew Moller | 5000 | 5000 | 3000 |
| Dani Vega | 5000 | 5000 | 1000 |

Other

| Engine | Plug | Pipe | reducer | clutch | clutch bell | spur |
|----------|------|-------|---------|-----------|-------------|------|
| Ninja | P4 | 2042 | 7 | 9/1.0/1.0 | 13 | 44 |
| Ninja | P3 | 2062 | 6.5 | 0.9 | 14 | 46 |
| Ninja | P3 | Ninja | 7 | 1.0 | 13 | 46 |
| OS Speed | P3 | 2060 | 5.5 | 4 shoe .9 | 14 | 46 |
| GRP | 5 | 2053 | 7.5 | Aluminum | 13 | 46 |
| Ninja | P3 | Ninja | ? | 4 shoe .9 | 13 | 46 |
| Ninja | P4 | Ninja | ? | Aluminum | 13 | 46 |