MBX-6

Set Up Sheet   Ver. 0801E   **MUGEN SEIKI**

Name: Stephen Bess starting set up
Date:
Track:

Track Conditions

Size:	☐ Open	☒ Med.	☐ Tight
Traction:	☐ High	☒ Med.	☐ Low
Surface:	☐ Smooth	☒ Med.	☐ Bumpy

Front Suspension

Wheel hub
Rebound stop
Kingpin Ball Spacer
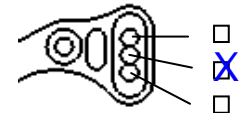Upper arm spacer
Upper arm position
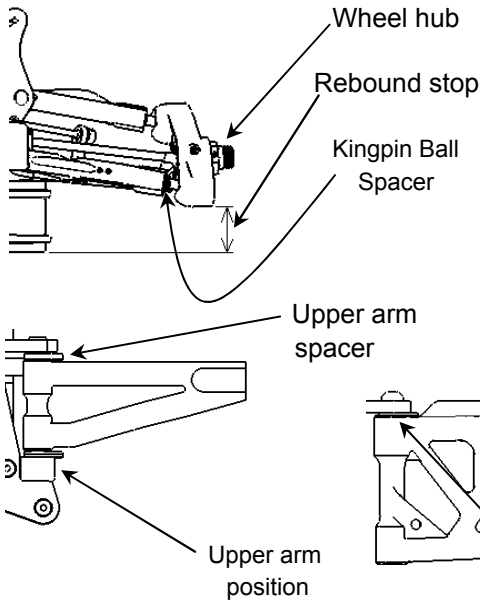
Kingpin ball spacer   0   mm
Camber angle   -2   °
Upper arm spacer   3   mm
Toe angle   +1   °
Rebound stop   109.3   mm
Anti-roll bar   φ stock   mm
Wheel Hub   stock   mm
Lower arm mount (Kick up)
   ☐ 0
   ☒ 1

Lower arm plate (E0154A)   ☐   ☒

Upper arm position(E0148B,E0148C)   ☒   ☐   ☐

Lower arm spacer   1   mm
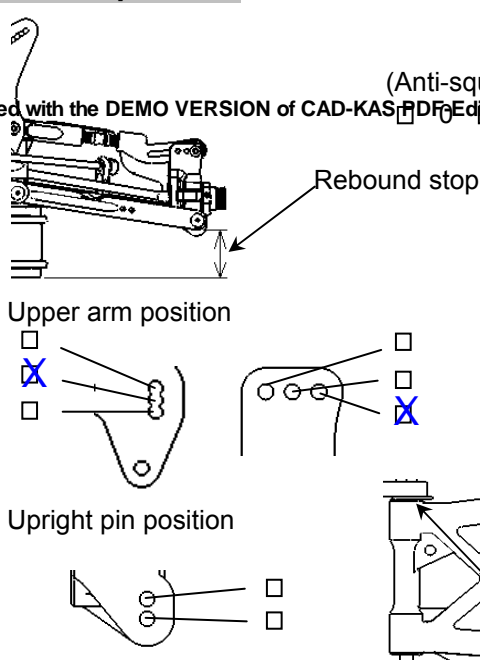
Front Shocks

Piston   stock
Oil   # 400
Spring   75/9.25
Spring adjustment   6.1 mm

Shock position

Steering Ackerman

Rear Suspension

Rebound stop
Upper arm position
Upright pin position

Camber angle   -2.5   °
Lower arm mount
(Anti-squat)   (Toe angle)   2.5   °
   ☐ 0   ☐ 1
Rebound stop   126.8   mm
Anti-roll bar   φ 2.9   mm
Anti-squat (E0111C,E0111D)   ☐   ☒   ☐
   ☒
Upright   ☐ E0173(Aluminium)   E0152
Wheelbase adjustment
   3   mm
Front
Lower arm spacer   1.3   mm

Rear Shocks

Piston   stock
Oil   # 350
Spring   86/10.25
Spring adjustment   10.7 mm

Shock position

Wing Position
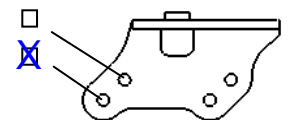
Engine

Type
Gasket   mm   Reducer   φ
Plug   Fuel
Muffler

Diff. Oil

Front	# 5000	O-Ring 0 pcs.	☐ Other
Center	# 5000	0 pcs.	☐ Other
Rear	# 2000	0 pcs.	☐ Other

Tire

Front	**Rear**
Type	Type
Foam	Foam

Clutch

Clutch shoes ☒ Aluminium
   ☐ Other
Spring   1.0   mm
Clutch bell / Spur gear   14 **T** /46 **T**

Result

Race time / Lap
Best lap (1Lap)

Comments:

Use 14-tooth clutch bell on all but the very smallest tracks!
Try 3-deg rear toe plate if you need more rear traction. 2.5 works well most places.
Set swaybars w/holders at 90-deg to arm
Try 2mm kinpin spacer if no bumpsteer desired
X6 is light enough to use light diff oils! May try 3K front for increased steering
"Rebound stop" measures total shock length from center of nylon nut to bottom screw.