マヤコ | Mayako

SETUP SHEET
v. 1.2 - UPPER LINKS

DRIVER: David Ronnefalk
TRACK: Barcelos, Portugal
RACE: IBC 2023 DATE: 2023-05-14
TEMP: 22°C BEST LAP: BEST RESULT: QUALIFYING POS.: 6 FINAL POS.: 6

TRACK SIZE: ■ TIGHT ■ MEDIUM ☐ OPEN
SURFACE: ☐ DUSTY ☐ BLUE GROOVE ☐ LOW GRIP ☐ MEDIUM GRIP ■ HIGH GRIP
CONDITION: ■ SMOOTH ☐ BUMPY ☐ 50/50 ☐ CLAY ☐ GROOVE WITH DUST ☐ EDGY

ENGINE	CORSATEC 7P	CLUTCH	Mayako	FRONT DIFF OIL	60k	OIL QUANTITY(gr)	DIFF GEAR 45
PLUG	P4	CLUTCH SHOES	3x Alu	CENTER DIFF OIL	80k	OIL QUANTITY(gr)	DIFF PINION 14
PIPE	CT 2180	CLUTCH SPRINGS	1x1.1 / 2x1.0	REAR DIFF OIL	10k	OIL QUANTITY(gr)	SPUR GEAR 48
FUEL	ENERGY EU16%	RUNTIME	09.40				CLUTCH BELL 13

SHOCKS

	FRONT	REAR
OIL	XTR 65wt	XTR 65wt
PISTON	7x1.3	7x1.35
SPRING	Black	Brown
LENGTH		
VISIBLE SHAFT LENGTH	36mm	41mm
REBOUND	0%	0%

FRONT SHOCK END: ☐ LONG ☑ SHORT
SHOCKS TYPE: ☑ EMULSION ☐ BLADDER

NOTES: 2mm Uptravel limiter in the rear. *

CHASSIS

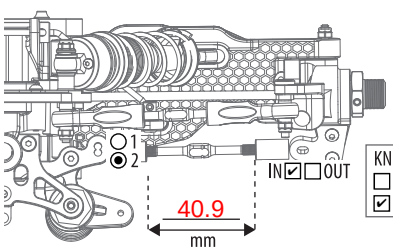
	FRONT	REAR
CAMBER	-3°	-3.5°
RIDE HEIGHT	22	25
DOWNTRAVEL (WITH TYRES)		
DOWNTRAVEL (on 36mm blocks)	+1	-5
ANTI ROLL BARS	2.2	2.5
BRAKE BALANCE	45%	55%

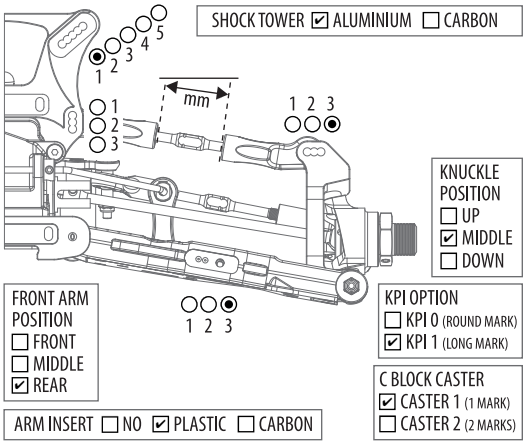
ENGINE MOUNT: ☐ FORWARD (+2mm) ☑ BACKWARD (-2mm) ☐ SHORT ☑ LONG
THROTTLE SERVO MOUNT: ☐ SHORT ☑ LONG
WEIGHT:

TYRES

	FRONT	REAR
BRAND	Matrix	Matrix
TREAD	Black Hole	Black Hole
COMPOUND	Hard	Hard
WHEELS	Matrix	Matrix
INSERTS	Matrix	MAtrix
GLUED TO WHEEL	☐ YES ☑ NO	☐ YES ☑ NO

FRONT END

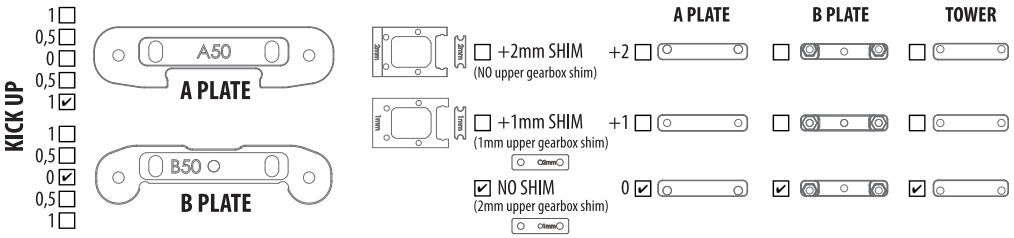




SERVO SAVER: ☐ YES ☑ NO

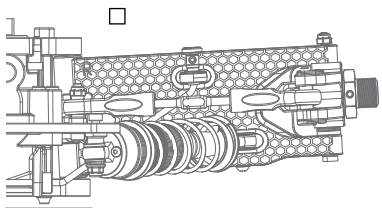
BUMP STEER ON ACKERMAN: ☑ UP ☐ DOWN SHIM 2 mm

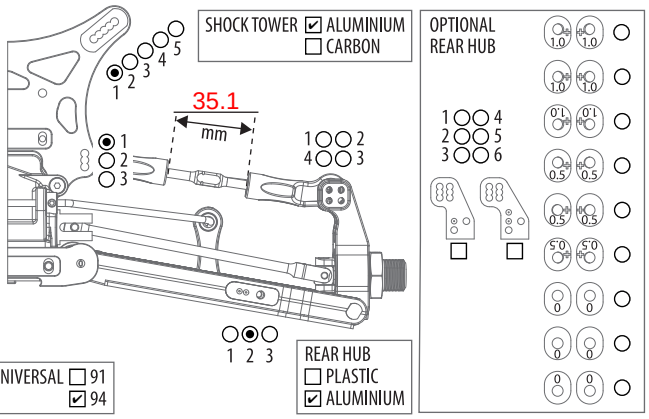
BUMP STEER ON KNUCKLE: ☑ UP ☐ DOWN SHIM 0 mm



REAR END

ARM INSERT ☐ NO ☐ PLASTIC ☑ CARBON

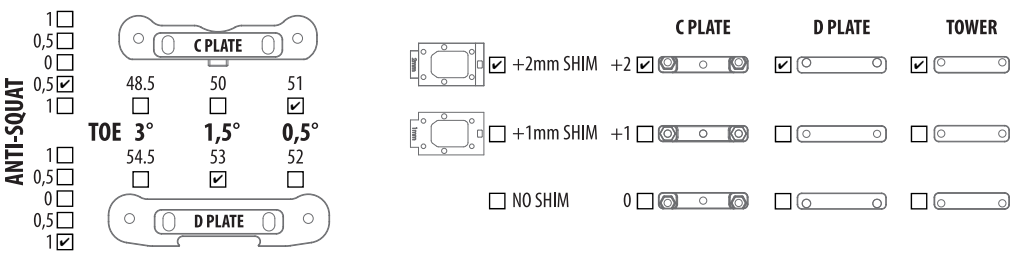




HEX WIDTH: ☐ 4 mm ☐ 5 mm ☑ 6 mm

SPACER IN FRONT OF HUB 5 mm

REAR AXLE: CVD ☐ UNIVERSAL ☐ 91 ☑ 94



RADIO SETTINGS

	THROTTLE	STEERING
DUAL RATE		
SPEED	std	std
EXPO	0%	0%
SERVO MODEL	HSB-9381TH	HSB-9381TH
	THROTTLE	BRAKE
ELECTRIC EPA		

BODY & WING

BODYSHELL: Mayako 2.0
WING BRAND: Mayako
WING MODEL: 2.0
WING POSITION: ☐ 1 ☐ 2 ☐ 3 ☑ 4 (1 IS FRONT HOLE (WING BACK))
WING FLAPS: ☐ BIG ☐ SMALL ☐ BOTH
GURNEY: ☐ NO ☑ SMALL ☐ BIG

NOTES

– 3 Piece Hub, Top outer link position, no length shim, 3mm height shim, long arm offset, axle middle position.
– Aluminum tower with wing in highest position5
– 10g weight behind motor
– Camber value set on Arrowmax setup station

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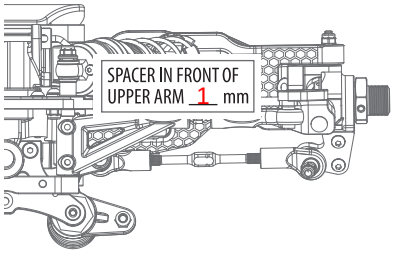
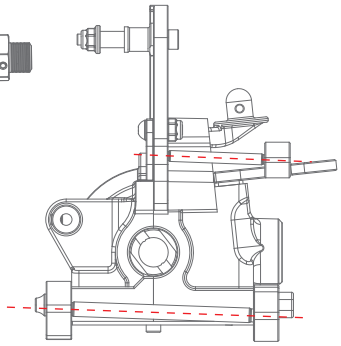
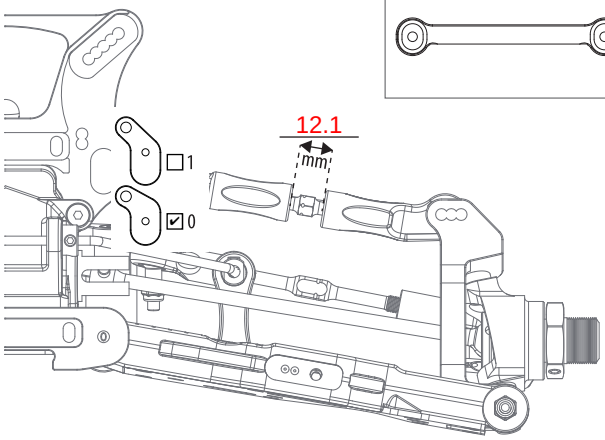
SETUP SHEET
v. 1.0 - UPPER ARMS

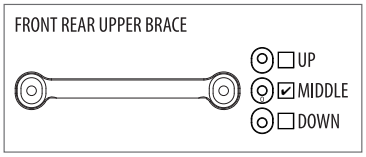
DRIVER David Ronnefalk
TRACK Barcelos, Portugal
RACE IBC 2023 DATE 2023-05-14
NOTE

FRONT END - UPPER ARMS

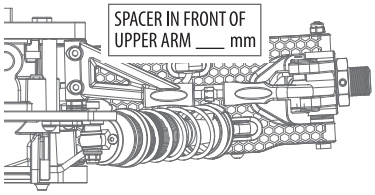


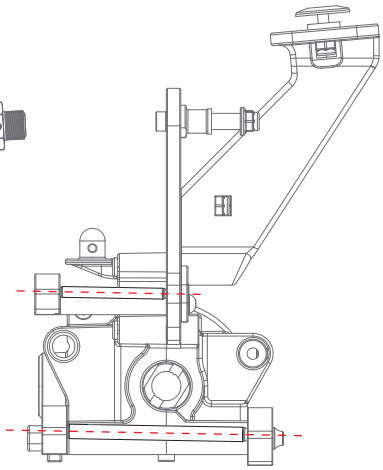


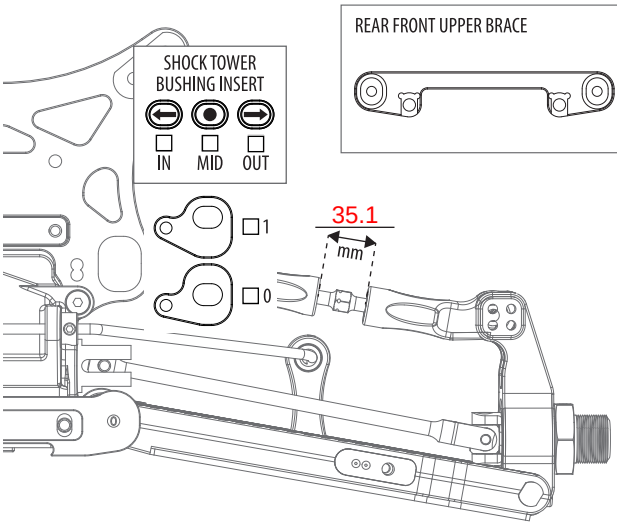




REAR END - UPPER ARMS







ADJUSTING UPPER ARMS

The upper arm angle is to be matched to the lower arm angle. There is a compromise for the upper arm, as a .5 change for the upper arm is so small.

The way to understand how to adjust the upper arm is as follows

1. When you have the same inserts, in the same direction in the front and rear blocks (A-B, or C-D), you should use the 0 insert for the upper arm.
   Example:
   When you run 0-0, .5 down - .5 down, or 1 up - 1 up in the A-B, or C-D blocks, those are all examples of running the same inserts and direction in both blocks. This means you should run the 0 (middle) insert for the upper arm.

2. When you have a 1mm difference between the inserts in the front and rear blocks (A-B, or C-D), you need to use the 1 (end) insert for the upper arm, in the same direction as the lower arm is angled, either larger or smaller angle.
   Example:
   When you run 0-1 down, 1 up - 0, or .5 up - .5 down, those are all examples of a 1mm difference and a larger angle.
   You would need to run the 1 insert (end) down for the upper arm, making it a larger angle to match.
   The opposite is true when you reduce the lower arm angle by a 1mm difference.

3. When you have a .5 difference between the inserts in the front and rear blocks (A-B, or C-D), you can chose to run either the 0 insert, or the 1 insert for the upper arm, matching the direction of the angle change of the lower arm.
   Example:
   When you run 0 - .5 up, .5 down - 0 or 1 down - .5 down, those are all examples of a .5mm difference and a smaller angle.
   You would need to run the 0 insert, or 1 insert up for the upper arm. The opposite is true when you increase the lower arm angle by a .5mm difference.

The way to understand how to adjust the upper arm related to TOE IN is as follows

1.5° toe in: arrow inwards
3.0° toe in: arrow outwards