SET-UP SHEET

XRAY T2

RACE	Basic Set-up For Rubber Tires
TRACK	
NAME	
CITY / COUNTRY	
CONTACT	

DATE		TEMPERATURE / °F or °C	AIR	TRACK

QUALIFYING POSITION	BEST LAPTIME / sec	FINAL POSITION	RACE LENGTH / minutes

TRACK CONDITION		☒ CARPET	☐ ASPHALT
	☐ TECHNICAL	☒ MIXED	☐ FAST
TRACTION	☐ LOW	☒ MEDIUM	☐ HIGH

TRANSMISSION

FRONT	REAR
DIFFERENTIAL	
☐ LOOSE ☐ ☐ ☐ ☐ TIGHT	☐ LOOSE ☒ ☐ ☐ ☐ TIGHT

ONE WAY DIFFERENTIAL	☒ YES	MIDDLE ONE WAY PULLEY	
SOLID ONE WAY DIFF.	☐ YES	FIXED ☒	ONE-WAY ☐
SOLID AXLE	☐ YES		

PINION / T	18	SPUR GEAR / T	87
FINAL DRIVE RATIO	8.22	ROLLOUT	0.00

SHOCKS

FRONT	REAR
☐ ALU ☒ PLASTIC	☐ ALU ☒ PLASTIC

XRAY SPRINGS

#308393	Super Soft	YELLOW	(D=1.4)	14 lb
#308384		BLUE-GREEN	(D=1.5)	15 lb
#308394	Soft	WHITE	(D=1.5)	17.5 lb
#308385		LIGHT-BLUE	(D=1.6)	20 lb
#308395	Soft Medium	BLUE	(D=1.6)	22.5 lb
#308386		DARK-BLUE	(D=1.7)	25 lb
#308396	Medium	VIOLET	(D=1.7)	28 lb
#308387		LIGHT-PURPLE	(D=1.8)	30 lb
#308397	Medium Hard	PURPLE	(D=1.8)	33 lb
#308388		LIGHT-RED	(D=1.9)	35 lb
#308398	Hard	RED	(D=1.9)	38 lb

Stock Silver	OTHER SPRING	Stock Gold
30	OIL / W	30
	LENGTH / mm	
	PRELOAD / mm	
0	REBOUND %	0
☒ YES ☐ NO	FOAM INSERTS	☒ YES ☐ NO
☐ YES ☒ NO	O-RING ON SHAFT	☐ YES ☒ NO

○ OPENED ● CLOSED — HOLES IN PISTON

ANTI-ROLL BAR — THICKNESS / mm

Take Off CS27	TIRES	Take Off CS27
	DIAMETER / mm	0.0
	INSERTS	
	ADDITIVE	

FRONT LEFT / FRONT RIGHT — TREATED AREA — REAR LEFT / REAR RIGHT

HUDY	WHEELS	HUDY
S ☐ M ☒ H ☐	HARDNESS	S ☐ M ☒ H ☐

MOTOR		ARMATURE		TIMING	
		+ SPRING -			
		+ BRUSH FACE -			
		+ BRUSH COMP. -			

ESC		BATTERIES	
BODY	Mazda 6	WING	Mazda 6

COMMENTS

● ☒ - APPLIED S-SOFT M-MEDIUM H-HARD

FRONT / REAR

CASTER 0° ☐ 2° ☐ 4° ☒ 6° ☐

DIVE | ROLL-CENTER — SHIM 0 / mm

+0.75 ☐ / 0.00 ☒ / -0.75 ☐

WHEELBASE / mm 259 (2 ☒ 2 ☒ 1)

RIDE HEIGHT / mm: 5 (FRONT) — 5.5 (REAR)

SQUAT | ROLL-CENTER

C-HUB / STEERING BLOCK / OFFSET

C-HUB: STANDARD ☒ ALU ☐

STEERING BLOCK: PLASTIC ☒ ALU ☐

OFFSET: STANDARD ☒

SHIM 0 / mm

UPPER SHOCK POSITION

QUICK ROLL CENTER POSITION

LOWER SHOCK POSITION

MEASURE UNDER ARM

SHIM 1 / mm

CAMBER LINK LOCATION

REAR HUB: PLASTIC ☒ ALU ☐

OFFSET: STANDARD ☒

DOWNSTOP / mm: 5 (FRONT) — 4.5 (REAR)

TOE / degr.

OUT 0.5 / IN

FINAL TOE IN 3 — OUTBOARD TOE 1.0

OUTBOARD + INBOARD TOE

INBOARD TOE — SHIM 0 /mm

SHIM FRONT/REAR: 1.5 mm ☒ / NO shim ☐ / OTHER ☐

TRACK-WIDTH

OUTER ACKERMANN POSITION

INNER ACKERMANN POSITION

INBOARD SHIMS ARE USED IN ADDITION TO TRACK-WIDTH SHIMS

INBOARD TOE — SHIM / mm: 1.5 ☒ =2° / 1.15 ☐ =1.5° / 0.75 ☐ =1° / 0.4 ☐ =0.5°

CAMBER / degr.

FRONT -2 — REAR -2

TOP DECK MULTI-FLEX SETTING

BALANCE / g: 10 (front) — 10 (rear)

ALU BRACE YES ☐ NO ☐

CENTER BALANCE / g: 30

CHASSIS MULTI-FLEX SETTING

BULKHEAD SHIM

FRONT ALU STAND

REAR ALU STAND

reset all