Driver Details

Name	Broc Champlin
Date	9/12/21
Event / Track	Jconcepts Turf Nationals
Weather	Fair / 75 F / slight breeze
Result	TQ / 1st

Chassis and Electrics

Chassis	Kit ☐	Flex ☒		
Car Weight	1600 g			
Front Topdeck	S2 2.0mm ☐	C/F 2.5mm ☒	C/F 3.0mm ☐	
Rear Topdeck	2.5mm ☒	3.0mm ☐		
Sidepods	S2 ☒	C/F ☐		
Front Hex	-0.75 ☐ 0 ☒	0.75 ☐ 1.5 ☐		
Rear Hex	-0.75 ☐ 0 ☒	0.75 ☐ 1.5 ☐		
Bodyshell	Penguin	Thickness Thin	Rear Wing Jconcepts	
E.S.C	LRP Flow (offroad)	C/F Tray ☐	Brass Tray ☐	
Servo	MKS 599			
Receiver	n/a	C/F Tray ☒	Brass Tray ☐	
LiPo	LRP LCG 4000 mAh	Front ☒	Middle ☐	Rear ☐

Track Conditions

Grip Level	High ☐	Medium ☒	Low ☐	
Type	Tight ☐	Open ☐	Mixed ☒	
Surface	Clay ☐	Astro ☒	Grass ☐	Mixed ☐ Carpet ☐
Condition	Smooth ☐	Bumpy ☐	Mixed ☒	
Jumps	Small ☐	Medium ☐	Large ☐	Mixed ☒

Wheels, Tyres and Inserts

Front Wheels Jconcepts Mono	Rear Wheels Jconcepts Mono
Front Tyres Jconcepts Swaggers	Rear Tyres Jconcepts Nessi
Front Inserts none	Rear Inserts 3/4 foam

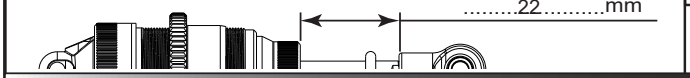
Front Shocks

Spring: Black lb/in

Oil 500 cSt | Shock Cap: Vented ☐ Sealed ☐ Aeration ☒

Piston 2 hole Drilled ☒ | Hole Size 1.8 mm

Internal Limiters 0 mm | Kashima Body: No ☐ Yes ☒



Notes

CAT L1 EVO

Front Diff

Height: High ☐ Mid ☐ Low ☒

Oil 12k cSt | 2 Gear ☐ 4 Gear ☒

Kit ☒ Alloy ☐ Carbon ☐

Rear Diff

Height: High ☐ Mid ☒ Low ☐

Oil 12k cSt | 2 Gear ☐ 4 Gear ☒

Kit ☒ Alloy ☐ Carbon ☐

Motor and Gearing

Motor	LRP 6.0
Rotor Diameter	12.5mm
Timing	standard
Spur Size	80
Pinion Size	19

Other settings

Rear Wing Gurney Height Tall | Wing Type 6.5 inch Jconcepts HD

Front Wing: Small ☐ Big ☐

Front Wing Gurney Height

Slipper: 2Plate ☒ 3Plate ☐

Rear Shocks

Spring: Blue lb/in

Oil 500 cSt | Shock Cap: Vented ☐ Sealed ☐ Aeration ☒

Piston 2 hole Drilled ☒ | Hole Size 2.1 mm

Internal Limiters 0 mm | Kashima Body: No ☐ Yes ☒

Shock Stand Off Spacing 0 mm



Front

Anti Roll Bar: None ☐ 1.2 ☐ 1.4 ☐ 1.6 ☐ 1.8 ☒ 1.9 ☐ 2.0 ☐ 2.1 ☐

Ride Height 13 mm

Camber at Ride Height -2 Deg

Toe +1 Deg

Bumper: Stiff ☐ Carbon ☒

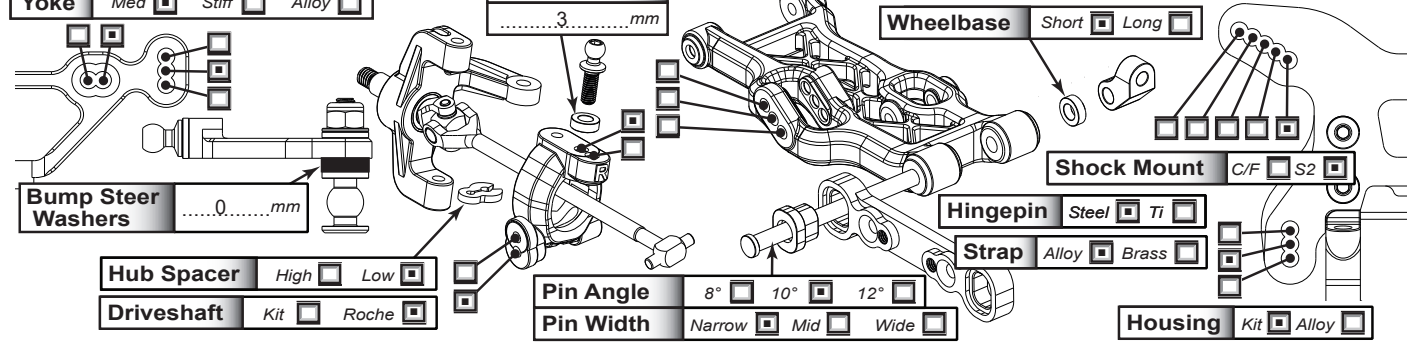
Yoke: 8° ☐ 10° ☒ 12° ☐

Yoke: Med ☒ Stiff ☐ Alloy ☐

Link Washers 3 mm

Wishbone: Med ☒ Stiff ☐ Carbon ☐

Wheelbase: Short ☒ Long ☐



Shock Mount: C/F ☐ S2 ☒

Bump Steer Washers 0 mm

Hingepin: Steel ☒ Ti ☐

Strap: Alloy ☒ Brass ☐

Hub Spacer: High ☐ Low ☒

Driveshaft: Kit ☐ Roche ☒

Pin Angle: 8° ☐ 10° ☐ 12° ☒

Pin Width: Narrow ☐ Mid ☐ Wide ☒

Housing: Kit ☒ Alloy ☐

Rear

Anti Roll Bar: None ☐ 1.2 ☐ 1.3 ☐ 1.4 ☐ 1.6 ☐ 1.8 ☒ 1.9 ☐ 2.0 ☐ 2.1 ☐

Shock Mount: C/F ☐ S2 ☒

Toe In

4° ☐ 3.5° ☐ 3° ☐ 2.5° ☒

2° ☐ 1.5° ☐ 1° ☐ 0.5° ☐

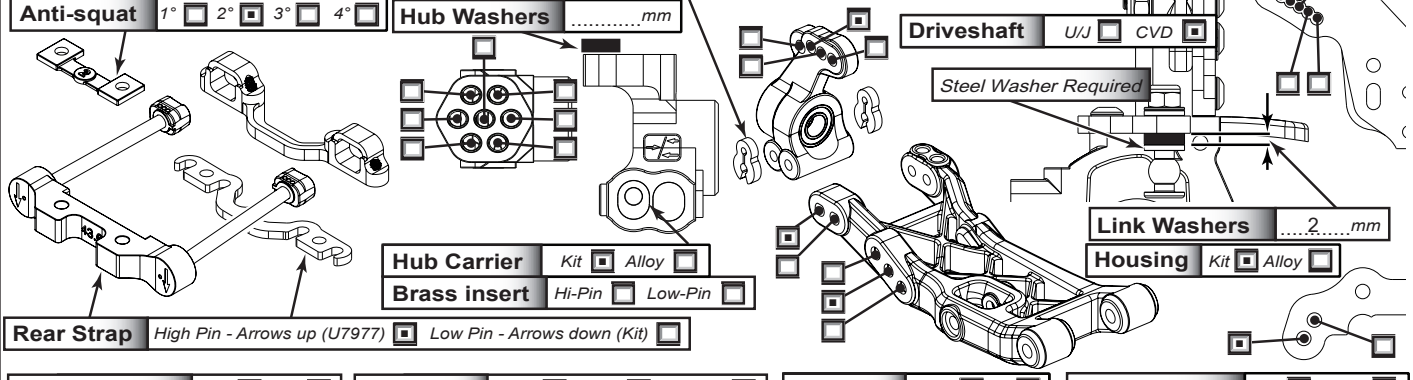
Ride Height 13 mm

Camber at Ride Height Deg

Wheelbase: Short ☐ Med ☒ Long ☐

Anti-squat: 1° ☐ 2° ☒ 3° ☐ 4° ☐

Hub Washers mm



Driveshaft: U/J ☐ CVD ☒

Steel Washer Required

Link Washers 2 mm

Housing: Kit ☒ Alloy ☐

Hub Carrier: Kit ☒ Alloy ☐

Brass insert: Hi-Pin ☐ Low-Pin ☐

Rear Strap: High Pin - Arrows up (U7977) ☒ Low Pin - Arrows down (Kit) ☐

Gearbox Riser: Yes ☐ No ☒

Wishbone: Med ☒ Stiff ☐ Carbon ☐

Hingepin: Steel ☒ Ti ☐

Link Mount: Kit ☐ Alloy ☐