HB D819RS

Setup: NCT 2020 Round 1 @Lynden FairGrounds · Kyle Johnson · May 30, 2021

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EVENT

Event	NorthWest Championship Tour

TRACK

Track	Lynden FairGrounds
Type	Outdoor loose/loamy
Grip / moisture	Low / Dusty
Surface / layout	Bumpy / Open
Track temp	75°F (24°C)

FRONT SUSPENSION

A mount inserts (kick-up)	2 / 2 dots up
Anti-roll bar	2.4mm
Arm covers	Plastic
Arms	Kit
Axle height (steering block spacers)	Top 1mm / bottom 1mm
B mount (kick-up)	+0.7mm
Camber	-1.5 degrees
CAMBER LINK	
Inner stud location	1 - Bottom
Outer stud location	C - Outside
Droop	+3 mm
Hub carrier (caster)	v4 17.5 degree degrees
Ride height	24 mm
SHOCKS	
Arm mounting hole	Outside
Tower mounting hole	3 - Middle-out
Steering block	0 degree
Steering block arm	Type 5
STEERING LINK	
Inner stud spacers	2 mm
Outer stud location	B - Middle
Outer stud spacers	2 mm
Toe	-1 degrees
Tower	Aluminum
Wheel hex	Lightweight narrow
Wheelbase (arm spacers)	Front 1mm / rear 2mm

REAR SUSPENSION

Anti-roll bar	2.6mm
Arm covers	Plastic
Arms	Kit
Axle height (hub inserts)	2 / 1 dot up
C mount	Kit
C mount inserts	2 / 2 dots up
Camber	-2 degrees
CAMBER LINK	
Inner stud location	2 - Mid-bottom
Outer stud location	B - Middle
D mount (toe)	3.0 degree
D mount inserts	3 / 1 dot up
Droop	-5 mm
Hub	D817 Aluminum
Hub carrier arm	v2 #5
Hub outboard toe	0 deg wide
Ride height	26 mm
SHOCKS	
Arm mounting hole	Outside
Tower mounting hole	3 - Middle-out
Tower	v3 Aluminum
Wheel hex	Lightweight narrow
Wheelbase (arm spacers)	Front 0mm / rear 4mm - short
Wheelbase (hub spacers)	Front 0mm / rear 2mm - short

BODY & CHASSIS

Body	D819 S15
Rear wing	HB Plastic
Rear wing mount	+10mm
Rear wing mount location	1 - Bottom

SHOCKS

	FRONT	REAR
Bodies	29mm	38mm
Oil brand	XTR	XTR
Oil weight	45 wt	37.5 wt
Pistons	5 x 1.5mm	5 x 1.5mm
Shock bladder	None	None
Shock length	107 mm	129 mm
Springs	Yellow 73.8gF	Blue 61.6gF

DIFFERENTIALS

	FRONT	REAR
Diff fluid	7,000 cst	3,000 cst
Center diff fluid	5,000 cst	

DRIVETRAIN

Clutch shoes & springs	Aluminum shoes, 1.0 springs
Driveshafts - front	Universal
Driveshafts - rear	Universal
Pinion	13 teeth
Spur	48 teeth

ENGINE

Engine brand	REDS
Fuel	VP 30% TESSMAN NATIONAL BLEND
Pipe / header	REDS

TIRES

	FRONT	REAR
Tire brand / type	Proline Holeshot	Proline HoleShot
Tire compound	S4	S4
Tire insert	Closed-cell	Closed-cell
Wheel brand / type	Proline	Proline

NOTES I misjudged the tire on this surface and would have been a lot easier to drive with M3 compound