



## // Vehicle Overview

<b>Manufacturer</b>	Car: BAC			<b>Model</b>	Mono		<b>Mileage</b>	1230 km	
<b>Year</b>	2012		<b>CC</b>	2300					
<b>Chassis#</b>	BacSpec83837378H								
<b>Max Power(BHP)</b>	@Crank:	280		@Wheel:	250				
<b>Intake Type</b>	Natural			<b>Drive</b>	Rear wheel				
<b>Engine configuration</b>	4 cyl - Inline			<b>Transmission</b>	6 Spd S/Auto				
<b>Max torque (lb-ft)</b>	280 N-m			<b>Max RPM</b>	9500				
<b>Anti roll bar</b>	Front:	Adjustable			Rear:	Adjustable			
<b>Wing (Rear)</b>	20 N		<b>Splitter (Front)</b>	3 N					
<b>Weight</b>	Wet:			Dry:	580 kg		<b>Ballast</b>	10 kg	
<b>Wheelbase (mm)</b>	Left:			Right:			<b>Overall:</b>	3952	
<b>Track</b>	Front:				Rear:				
<b>Toe</b>	F-in	+11°		F-out	+12°		R-in	-2°	
							R-out	-3°	

**COMMENTS**

**Front end - Left wheel:** Proin ac lectus tincidunt, suscipit orci in, faucibus quam. Donec at sem cursus, porttitor metus id, fermentum mauris. Vestibulum sit amet elit dui.

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**Rear end - Left wheel:** Proin ac lectus tincidunt, suscipit orci in, faucibus quam. Donec at sem cursus, porttitor metus id, fermentum mauris. Vestibulum sit amet elit.

## // Front Wheel

Cars: **Left wheel** - Right wheel

<b>Tyre Mfr</b>	Michelin		<b>Type:</b>	POWER ONE ROAD &...			<b>Tyre size:</b>	210/40/M/17"		
<b>Compound:</b>	Hard N/A						<b>Rim Mfr</b>	OZ: Alu - forg		
<b>Session #</b>	S 1	S 2	S 3				S 1	S 2	S 3	
<b>Cold pressure (PSI)</b>	38.0	38.0	38.0				38.0	38.0	38.0	
<b>Hot pressure (PSI)</b>										
<b>Pressure difference (PSI)</b>										
<b>Warmer time</b>	24 Mins									
<b>Warmer temp</b>										
<b>Spacers</b>	5 mm		<b>Offset</b>	-5°						
<b>Camber</b>	-5 mm		<b>Caster</b>	-6 mm						

## // Rear Wheel

Cars: **Left wheel** - Right wheel

<b>Tyre Mfr</b>	Michelin		<b>Type:</b>	POWER CUP 5S			<b>Tyre size:</b>	240/40/B/17"		
<b>Compound:</b>	Medium Soft Road						<b>Rim Mfr</b>	OZ: Alu - forg		
<b>Session #</b>	S 1	S 2	S 3				S 1	S 2	S 3	
<b>Cold pressure (PSI)</b>	30.0	30.0	30.0				30.0	30.0	30.0	
<b>Hot pressure (PSI)</b>										
<b>Pressure difference (PSI)</b>										
<b>Warmer time</b>	22 Mins									
<b>Warmer temp</b>	54 °C									
<b>Spacers</b>	10 mm		<b>Offset</b>	+5°						
<b>Camber</b>	+10°		<b>Caster</b>	+5°						

## // Geometry

<b>Steering damper</b>	N/A	N/A	<b>Trail</b>	N/A	N/A	<b>Top bearing</b>	N/A	N/A
<b>Rake/Offset</b>	N/A	N/A	<b>Head angle</b>	N/A	N/A	<b>Head position</b>	N/A	N/A

## // Fuel

<b>Type</b>	Sup-UL (87/98 Ron)				
<b>In</b>	60 gal	<b>Out</b>	15 gal	<b>Used</b>	45 gal
<b>Map</b>	637Motec	<b>ECU</b>	Race-Brand...		

**COMMENTS**

**Fuel:** Proin ac lectus tincidunt, suscipit orci in, faucibus quam. Donec at sem cursus, porttitor metus id, fermentum mauris. Vestibulum sit amet elit dui. Nullam at odio sit amet ipsum pulvinar luctus ut a eros. Maecen nas molestie convallis lectus, vel sodales libero volutpat quis. Ut lacus dui, venenatis nec elit vitae, luctus iaculis arcu. Morbi iaculis urna non pulvinar mollis.

# // Front Suspension

## Manufacturer

### Ohlins

Session #	S 1	S 2	S 3		S 1	S 2	S 3
Build spec/fork #	Bac42...	Bac42...	Bac42...		Bac42...	Bac42...	Bac42...
Compression-LS	5c-cw	5c-cw	5c-cw		5c-cw	5c-cw	5c-cw
Compression-HS	3c-cw	3c-cw	3c-cw		3c-cw	3c-cw	3c-cw
Rebound-LS	10c-cw	10c-cw	10c-cw		10c-cw	10c-cw	10c-cw
Rebound-HS	15c-cw	15c-cw	15c-cw		15c-cw	15c-cw	15c-cw
Preload	10 mm	10 mm	10 mm		10 mm	10 mm	10 mm
Ride height							
Spring rate (N/m)	25	25	25		25	25	25
Air gap (mm)	39	39	39		39	39	39
Sag - static (mm)	10	10	10		10	10	10
Sag - ride (mm)	5	5	5		5	5	5
Oil level	Low	Low	Low		Low	Low	Low
Setting #	Whate...	Whate...	Whate...		Whate...	Whate...	Whate...
Fork height in Clamp (mm)							

# // Brakes

## Front

Manufacturer	Brembo: HKS		
Pad compound	Racetes		
Disc diameter (mm)	420	Material:	Carbon
Brake fluid type	BlueRace		
Master cylinder ratio	19		

## Rear

Manufacturer	Be: HPK s-line		
Pad compound	Hard		
Disc diameter (mm)	460	Material:	C/C
Brake fluid type	Blue-tec		
Master cylinder ratio	42		

# // Sprocket

Manufacturer	N/A		
Type	N/A		
Front Sprocket	N/A	N/A	N/A
Rear Sprocket	N/A	N/A	N/A
Chain Length	N/A	Pitch:	N/A
Counter Shaft	N/A	N/A	

# // Gearing

Gear #	Ratio	Aim	Act
1st	12.38	5	10
2nd	14.33		
3rd	15.27		
4th	17.25		
5th	21.26		
6th	19.21		
7th			
Drive Ratio	9.311	Clutch	Soft 5:6

# // Rear Suspension

## Manufacturer

### BiTurbo

Valve spec/shock #	Bac65	Bac65	Bac65		Bac65	Bac65	Bac65
Compression-LS	10c-cw	10c-cw	10c-cw		10c-cw	10c-cw	10c-cw
Compression-HS	13c-cw	13c-cw	13c-cw		13c-cw	13c-cw	13c-cw
Rebound-LS	15c-cw	15c-cw	15c-cw		15c-cw	15c-cw	15c-cw
Rebound-HS	20c-cw	20c-cw	20c-cw		20c-cw	20c-cw	20c-cw
Preload	10 mm	10 mm	10 mm		10 mm	10 mm	10 mm
Ride height	8 mm	8 mm	8 mm		8 mm	8 mm	8 mm
Spring rate (N/m)	24	24	24		24	24	24
Tie rod/link (mm)	12	12	12		12	12	12
Sag - static (mm)	25	25	25		25	25	25
Sag - ride (mm)	10	10	10		10	10	10
Swing arm length							
Shock length							
Pivot vertical							
Over ride valve							

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