

Setup Cheat Sheet for "Big Block Modified" by J.D. Brown

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STARTING POINT

These settings are currently the fastest, so always run close to:

- 19.500" Droop Chain
- Positive 4 axle lead
- 150 RR Spring
- 250 LR Spring
- 30 LR Trailing arm and 18 RR Trailing arm
- 10 psi across the front tires
- 8 psi across the rear tires
- 1" front stagger and 0" rear stagger
- For slick 9 bump and 9 rebound all the way around except 6 bump and 9 rebound on RF
- For tacky 2 bump and 9 rebound on right side, 9 bump and 2 rebound on left side

SLICK/TIGHTER

Consider these adjustments to tighten the car and/or for slicker conditions.

WHEEL SPACING:

- Move in RR or RF
- Move out LR

SPRINGS:

- Stiffen RF spring (not as hard on RF so it's letting the RF slide and push up track)
- Stiffen LR spring (keeping the LR up and on the bars through corner and exit)

J BAR:

- Raise chassis J-Bar height
- Lower axle J-Bar height
- (The more split between chassis and axle J bar lets the car roll over more so you get more side bite and overall more traction)

MORE LR BITE:

- Raise RR and LF spring perch offset
- Lower LR and RF spring perch offset

TACKY/LOOSER

Consider these adjustments to loosen the car and/or for tackier conditions.

WHEEL SPACING:

- Move out RR or RF
- Move in LR

SPRINGS:

- Soften RF spring (harder on RF so the RF is digging in the ground more and turning the car through the corner)
- Soften LR spring (letting the LR drop more and not on the bars as much through corner and exit)

J BAR:

- Lower chassis J-Bar height
- Raise axle J-Bar height
- The more split between chassis and axle J bar lets the car roll over more so you get more side bite and overall more traction)

LESS LR BITE:

- Lower RR and LF spring perch offset
- Raise LR and RF spring perch offset

TIPS FOR SPEED

Here are a few more things you can do to increase speed:

- RR 1" higher than RF ride heights / LR 1" higher than LF
- Always have left side ride heights higher or even with right side
- Max out negative toe-in (toe-out)
- Generally have left rear Bite as high as possible
- Try to have deck height as high as possible
- After making changes, make sure the ride heights are still where you want them to be
- When adjusting spring rates move spring perch offset on the corner of the car you changed the spring at to get back to previous ride heights before changing spring

TIPS FOR SPEED CONT.

- After adjusting wheel spacing to lower or raise left rear bite to where it was before the change
- Do the same spring perch offset change in opposite corners to keep ride heights but change left rear bite (Ex: raise RR and LF spring perch offset by 3 clicks and lower LR and RF spring perch offset by 3 clicks)

FOR ROUGH TRACK

Consider these adjustments to stabilize the car for rougher conditions

- 12.000" chassis and axle J bar height
- Stiffen LR and RF spring

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