

Wingless '02-'06 Hyper 600cc Torsion Setup

	Left Front	Right Front	Left Rear	Right Rear
Torsion Bar Size	.700	.700	.625	.625
Block Size	1-1/2"	1-1/2"	1-1/2"	1-1/2"
# of Turns Off Block	+1	+2	+1	+0
Monotube ARS Shocks	326 0.5/2	326 0.5/2	3264/2	3262 or 3264/2
Monotube Adjustable	E3265-0.5/2	E3265-0.5/2	B3268-1/2	BRC3268-1/2
Twin Tube Shocks	1060.5/2	1060.5/2	1064/2	1062
Twin Tube Adjustable	E1065-0.5/2	E1065-0.5/2	B1068-2/2	B1068-2/2
Right Side Tire Offset		3/4"-2" to the Right		14" to 15-1/2"
Tire Pressure	9 psi	9 psi	3-8 psi	5-10 psi
Tires	57x6.5 RD12	57x6.5 RD12	63,64 or 65" RD12	69Wx10 RD12
Wheels	10x7 (4" outer)	10x7 (4" outer)	10x10(6" or 7" outer)	10x13 (8" or 9" outer)
Stagger	3"-8" (4-1/2" Start)			

Setup notes:

Rear Panhard Front Panhard

• Make sure your car is setup according to the setup manual, axles square, offset, chain aligned.

3-1/2"

- For a driver heavier than 220 pounds use the next size or two stiffer rear bars
- On adjustable LR shock, run it full soft +1 turn too much tie down will make the car loose on entry
- If using a rear traction bar, unhook it. Use front traction bar to tighten car.
- Tire preparation, grinding, grooving, and siping are essential to getting the most traction, see setup manual
- Add LR RF weight to tighten up
- Add corner weights by adding $\frac{1}{2}$ or taking out $\frac{1}{2}$ turn to each corner, ex: add RF LR weight by adding $\frac{1}{2}$ turn to LR RF and -1/2 turn to LF RR
- Use a 40.5" Front Axle or we have a custom 42" front axle for wingless
- If using a 2" rear axle, use two 1-1/4" blocks in the rear for a normal track

To make car tighter

- Go to 3-1/2" stagger, put on a 64" or 65" LR tire, stretch LR tire if necessary
- Softer Rear bars, but raise car up too get ride heights back
- Reduce LR tie down
- Two easy up shocks in front, make RR shock is full soft (if using a 7-3), if using dbl adj go to full tie down (soft comp, stiff rebound)
- Lower rear tire pressures to 3 LR and 5 RR
- To make car tighter coming out (forward bite) raise ride heights front and rear, generally done on a smaller track
- On a 1/3 mile track to make car tighter in the middle, lower ride height, just beware of car bottoming out
- Lower rear panhard bar, raise front panhard bar
- Go to stiffer front bars.
- Move RR in.

To make the car looser:

- Add more stagger (go to a 63 or 62x10) this will achieve 5-1/2" to 8-1/2"
- Stiffen up compression on RR shock, stiffen up rebound on the LF shock, increase rebound in LR shock (note warning above)
- Increase RR & LR tire pressure
- Move RR out to 15-1/2" or as far out as it will go, if car is rolling up on RR too much, extra 1" can be achieved by using a 9 on 4 RR wheel
- To make car looser coming out lower ride heights, take one to three turns out of each front side and one to two turns out of each rear
- Raise rear panhard bar to as high as 8"
- Soften up front bars, stiffen up rear bars (.625LF .650RF .675LR .700RR)
- Install a rear traction bar if car is rolling too much, very common for heavy drivers
- Go to a 61" LR tire to achieve as much as 7-1/2" to 8-1/2" stagger, makes car easy to drive but hurts speed