



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 H1/3 | 3264/2 | 3262 or 3264/2 |
| Monotube Adjustable | B326 H1-5/2 | B326 H1/5-1 | B3268-1/2 | B326 7-5/4.5 WXS |
| Twin Tube Shocks | 1060.5/2 | 1061/3 | 1064/2 | 1062 |
| Twin Tube Adjustable | B1065-0.5/2 | B1065-0.5/2 | 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) | | | |
| Rear Panhard | 6" | | | |
| Front Panhard | 3-1/2" | | | |

Setup notes:

- Make sure your car is setup according to the setup manual, axles square, offset, chain aligned.
- 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 1/2 or taking out 1/2 turn to each corner, ex: add RF LR weight by adding 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