

COMMON PROBLEMS

NOTE: Below are some suggestions applicable *only and exclusively* to Corsa chassis; remember that not all chassis perform and react the same way and chassis from other brands may require a total different set-up. Remember tyres are best when new and could play a key-role in getting your correct set-up !!!

PROBLEM	POSSIBLE CAUSE	REMEDY
The kart does not want to turn into the corners	Understeer – too much rear end grip (the balance is out)	<ul style="list-style-type: none"> • Move front track out • mount the front torsion bar (in chassis applicable) • lift the chassis at the front • increase caster • move the seat forward • Mount a softer rear axle • Check toe out (start with 1-2 mm. conditions and 5/10mm in wet conditions)
The kart does not turn out of the corners	Understeer, too much rear end grip (the balance is out)	<ul style="list-style-type: none"> • Move front track in • mount the front torsion bar (in chassis applicable) • raise chassis at the front • lower the chassis at the rear • increase caster • move the seat forward • Loosen or remove seat supports • Mount a softer rear axle • Check toe out (start with 1-2 mm. conditions and 5/10mm in wet conditions) • loosen the bar of the rear bumper • lower tyre pressure
The kart slides at the rear (it turns too much at the front)	Oversteer, too much front end grip (the balance is out)	<ul style="list-style-type: none"> • Mount a harder type axle • Mount the rear torsion bar • where applicable, remove the front torsion bar • Tighten the rear bumper bolt and bumper • Lower the chassis at the front • Increase pressure of rear tyres • <i>Slightly</i> move the seat backwards (the opposite result if you move it too far) • Decrease caster
The kart slides too much both front and rear	Too little grip	<ul style="list-style-type: none"> • Mount a harder type axle • Mount the rear torsion bar • mount the front torsion bar (where applicable) • Tighten the rear bumper bolt and bumper • raise chassis at the front • Increase pressure of all tyres • raise seat

SUGGESTED SET UP IN RAIN CONDITIONS

- check front toe out
- raise chassis at the front
- increase caster
- move front track out as much as possible (with 100cc chassis use front hubs)
- raise seat (in case of heavy rain, 20-30mm.)
- move rear track in
- mount type "N" rear axle
- loosen rear bumper and the rear bumper bar
- loosen the middle axle bearing
- loosen or remove the extra seat supports

Suggestion: In rain conditions it is usually always better to have little rear end grip (sliding chassis) and a lot of front end grip.