## QUICK REFERENCE

The Quick Reference table is a simple to use setup guide. With the car's handling characteristics listed on the left of the table the suggestions for solutions are presented in order of importance and also shows whether the adjustment should be a positive or negative change.

## HOW TO USE

## Identify the problem

After driving your car and getting a feel for how it's handling bring it in and decide where you feel the car could improve.

## Using the table

The table is separated into 5 main areas that represent the cars main handling characteristics. Understeer, Oversteer and traction roll are further separated to identify exactly where the problem occurs and even further still to know if it is occurring On or Off throttle.

## Pinpoint the Solution

- Select a characteristic that best describes your cars handling problem (for example oversteer).
- Then identify in which stage of the corners that the oversteer is occuring (for example corner entry).
- Further identify the problem by figuring out the throttle setting when the problem occurs (for example, on or off throttle).
- The number corresponds to the adjustment that will have the most benefit (lower numbers should be tackled first). In this case we are recommended to try Tires and/or the Anti-Roll bars (front \& rear).
- The table then tells you what adjustment to make and whether the adjustment is to be made on the front or the rear of the car. As you can see the Tires fall under the Front section whilst the anti-roll bars fall under both the Front and Rear section.
- The colour of the box represents whether it is a positive or negative change to the selected area of adjustment. The tires are Red (a positive change) so we need to make them harder. The front anti-roll bar is Red (a positive change), so we should make it stiffer, whilst the rear anti-roll bar is Green (a negative change) so we need to make it softer.


## Testing the solution

It is recommended that you try one adjustment at a time and test the new setting. If it has not had the expected result you can either try the rest of the changes or increase the amount of change. If you feel you would like to try something different simply move on to the next level of possible adjustments.

Note that setup is always a compromise and changing one setting affects the handling of another part of the car. It is therefore important to only make small changes at a time.

|  |  |  | FRONT |  |  |  |  |  |  |  |  |  |  |  |  |  |  | REAR |  |  |  |  |  |  |  |  |  |  |  |  | 号 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Harder / Increase / Higher /Lengthen / Do not Use |  |  |  | $\left.\begin{array}{\|c} \stackrel{\rightharpoonup}{0} \\ \stackrel{\rightharpoonup}{6} \\ \stackrel{U}{0} \end{array} \right\rvert\,$ | $\begin{array}{\|l\|l}  \\ \hline \end{array}$ |  |  |  |  | $\begin{aligned} & \stackrel{y}{0} \\ & \stackrel{y}{i} \\ & \hline \end{aligned}$ |  |  |  |  |  |  |  |  |  |  |  |  |  | $\begin{array}{\|c} \frac{1}{0} \\ \stackrel{2}{\overline{0}} \\ \hline \frac{1}{2} \\ \frac{2}{c} \\ \hline \end{array}$ | $\stackrel{y}{y}$ |  |  |  |  |  |  |
| How to get rid of UNDERSTEER | Corner Entry |  | 5 | 6 | 4 | 5 | 5 | 3 | 1 | 1 | 3 |  | 3 | 4 | 5 | 5 | 6 | 3 |  | 65 | 2 | 3 | 2 |  | 3 | 3 | 3 | 4 | 4 | 3 | 3 |
|  |  |  | 2 | 6 | 3 | 5 | 8 | 2 | 1 | 3 | 4 |  | 3 | 4 | 5 | 5 | 6 | 7 |  | 55 | 2 | 3 | 2 |  |  | 3 | 3 | 4 | 4 | 3 | 3 |
|  | Mid Corner |  | 5 | 6 | 4 | 5 | 8 | 3 | 1 | 1 | 3 |  | 5 | 4 | 5 | 5 | 6 | 7 |  | 65 | 2 | 3 | 2 |  | 3 | 3 | 5 | 4 | 4 | 5 | 3 |
|  |  |  | 2 | 6 | 3 | 5 | 8 | 2 | 1 | 3 | 4 |  | 5 | 4 | 5 | 5 | 6 | 8 |  | 55 | 2 | 3 | 2 |  | 1 | 3 | 5 | 4 | 4 | 3 | 3 |
|  | Corner Exit |  | 2 | 6 | 3 | 5 | 7 | 2 | 1 | 3 | 4 |  | 3 | 4 | 5 | 5 | 6 | 8 |  | 55 | 1 | 3 | 2 |  |  | 4 | 2 | 3 | 4 | 3 | 3 |
|  | Braking |  | 6 | 6 | 4 | 5 | 7 | 4 | 2 | 4 | 4 |  | 5 | 4 | 3 | 3 | 4 | 3 |  | 4 | 1 | 3 | 2 |  | 1 | 3 | 3 | 3 |  |  | 3 |
| How to get rid of OVERSTEER | Corner Entry |  | 5 | 6 | 4 | 5 | 5 | 3 | 1 | 1 | 3 |  | 3 | 4 | 5 | 5 | 6 | 3 |  | 5 | 2 | 3 | 2 |  | 3 | 3 | 3 | 4 |  | 3 |  |
|  |  |  | 2 | 6 | 3 | 5 | 8 | 2 | 1 | 3 | 4 |  | 3 | 4 | 5 | 5 | 6 | 7 |  | 55 | 2 | 3 | 2 |  | 1 | 3 | 3 | 4 | 4 | 3 | 3 |
|  | Mid Corner |  | 5 | 6 | 4 | 5 | 8 | 3 | 1 | 1 | 3 |  | 5 | 4 | 5 | 5 | 6 | 7 |  | 55 | 2 | 3 | 2 |  | 3 | 3 | 5 | 4 | 4 | 5 | 3 |
|  |  |  | 2 | 6 | 3 | 5 | 8 | 2 | 1 | 3 | 4 |  | 5 | 4 | 5 | 5 | 6 | 8 |  | 55 | 2 | 3 | 2 |  | 1 | 3 | 5 | 4 | 4 | 3 | 3 |
|  | Corner Exit |  | 2 | 6 | 3 | 5 | 7 | 2 | 1 | 3 | 4 |  | 3 | 4 | 5 | 5 | 6 | 8 |  | 55 | 1 | 3 | 2 |  | 1 | 4 | 2 | 3 | 4 | 3 | 3 |
|  | Braking |  |  | 6 | 4 | 5 | 7 | 4 | 2 |  | 4 |  | 5 | 4 | 3 | 3 |  | 3 |  | 45 | 1 | 3 | 2 |  | 1 | 3 | 3 | 3 |  |  |  |
| How to get rid ofTRACTION ROLL | Corner Entry |  |  | 8 | 2 | 1 |  | 2 | 1 | 1 | 2 |  | 3 | 4 | 4 | 4 | 5 | 3 |  | 51 | 2 | 3 | 2 |  |  | 3 | 4 | 5 | 2 | 2 | 3 |
|  |  |  | 6 | 8 | 2 | 1 |  | 2 | 1 | 1 | 3 |  | 4 | 5 | 4 | 4 | 5 | 5 |  | 51 | 2 | 3 | 2 |  |  | 2 | 3 | 4 | 2 | 2 | 3 |
|  | Mid Corner |  | 6 | 8 | 2 | 1 |  | 2 | 1 | 1 | 2 |  | 5 | 5 | 4 | 4 | 5 | 5 |  | 51 | 2 | 3 | 2 |  | 1 | 2 | 5 | 5 | 5 | 5 | 3 |
|  | Corner Exit |  | 6 | 8 | 2 | 1 |  | 2 | 1 | 1 | 3 |  | 4 | 5 | 4 | 4 | 5 |  |  | 51 | 2 | 3 | 2 |  | 1 | 2 | 3 | 4 | 2 | 2 |  |
|  | Braking |  |  | 8 | 2 | 1 |  | 2 | 1 | 1 | 2 |  | 3 | 4 |  | 4 | 5 | 3 |  | 51 | 2 | 3 | 2 |  | 1 | 3 | 4 | 5 | 2 | 2 |  |
| STRAIGHT LINE STABILITY To make Better |  |  | 7 | 5 | 3 | 7 | 4 | 7 | 5 | 3 | 8 |  | 4 | 8 | 8 | 8 | 8 |  |  | 56 | 1 |  | 7 |  |  | 8 | 4 | 8 | 6 | 6 |  |
| STEERING RESPONSE To make Faster |  |  |  | 6 | 4 | 4 | 5 | 1 | 2 | 4 | 2 |  | 1 | 4 |  |  |  |  |  | 4 | 7 |  | 2 |  |  |  | 3 | 4 |  |  | 4 |

