

PB51- 4 DART Kit Suspension Setup Instructions - Sheet 16

Setup

- 1). Set the front caster adjustment with one thick spacer at the front of the wishbone and one thick & thin at the rear of the front wishbone.
- 2). Adjust the toe of the wheels so that the front wheels are parallel and the rear wheels toe in about 10mm, measured at the front wheels. Use a straight edge to extend the wheel line to the front.
- 3). Adjust springs to give a ground to chassis clearance of 10mm at the front and 12mm at the rear.
- 4). Set front and rear camber to a set square (90 deg).
- 5). Some small adjustments may be necessary to the suspension push rods at this stage.
- 6). Set the front downstops to limit the lift to 5mm maximum.
- 7). Set the rear downstops to limit the lift to 8mm maximum.
- 8). Recheck stages 2-4 several times if adjustments are made.

9). After the car has run on the track for some time, re-adjust the camber to obtain an even tyre wear pattern over the width of the tyre.

10). Note that the tyres provided offer excellent performance in cool conditions on tracks that do not have high grip. If the surface of the tyre begins to break down, do not continue, but fit a harder grade of tyre.

11). A range of softer shocker fluids to that supplied in the kit are available. Alternative springs are available for both front & rear suspensions.

Happy Racing

