

Yokohama Control Tyre Advice - Formula Vee Australia

The new control tyre for Formula Vee Australia will be the **Yokohama AD08R Advan Neova Pattern**. The tyre pricing for the tyres nominated is as detailed below:

Item Description	Article No.	Fitment	Width mm	Diameter mm	Formula Vee Price incl. GST
185/55R15 AD08R	R2535	Front	193	585	\$182.00
195/55R15 AD08R	R2536	Rear	198	596	\$192.00
Set of 4 tyres					\$748.00

Vehicle Set up

There are significant differences between the previous tyre used for this category and the new tyre. As there are many variables in both chassis & suspension types within the category, it is not possible to confirm all variants of recommended changes that will benefit each vehicle & its ultimate performance levels on the new tyre. Some suggestions are as below:

- The new Yokohama Control tyre construction & design is more rigid & of a stiffer build in the bead area, sidewall & carcass. Generally these changes require a softening of suspension & possible camber, caster & toe adjustments from previous settings applied.
- It is also important prior to any operational changes, to ensure the car has been corner weighted for an even balance, & all suspension components are checked for serviceability, to eliminate any other outside influences that could affect optimum tyre performance.
- For ideal vehicle settings the use of a **probe pyrometer** is recommended, to ensure you are maximising the footprint available & in contact with the track surface. You must have an even balance of temperature across the tyre contact area, and ensure your vehicle settings are not working against the tyres footprint.
- All suspension adjustments can be applied to the car, & the confirmation of a positive direction of change, is verified by the **probe pyrometer** tyre inspection method, to ensure you maximise grip levels, in the ideal temperature operating range, & within the tyre pressure ranges recommended, for the best outright performance of the tyre.
- All **probe pyrometer** testing should be recorded after a good run of 4-5 laps minimum (ensuring the last lap is not a cool-down run), & immediately on entering pit lane. It is normal practice to work around the car from the 'loaded side' of the vehicle, & from the inner edge of each tyre to the outer edge, measuring all 4 tyres, recording temperatures & pressures as indicated.
- The optimum hot air pressures are 20 - 22 p.s.i. (138 – 150 k.p.a).

Ideal pyrometer readings are measurements of +/- 10° C variance over the 3 measured points



Formula Vee will be supported nationally through the Yokohama Motorsport Dealer Network. Your local contacts are:

Region	Dealer	Address	Phone	Mobile
NSW	Gordon Leven Motorsport Tyres	133 Russell St Emu Plains	02 4735 8734	0438 395741
VIC / TAS	Traction Tyres & More	65 Kelleetts Rd Rowville	03 9764 2811	0418 323401
QLD	Strathpine Tyres & More	2 Dixon Street Strathpine	07 3194 4548	0418 725955
NT	Darwin Tyrepower	131 Stuart Hwy Stuart Park	08 8981 6911	0458 110197
SA	Kensington Park Tyrepower	382 Magill Rd Kensington Park	08 8431 5856	0417 817573
WA	Wheelsworld Tyres & More	4A Carbon Ct Osborne Park	08 6260 0842	0417 972013