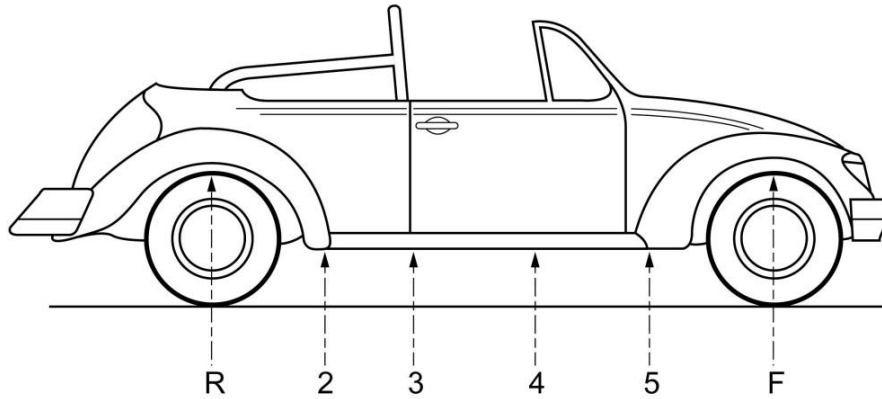




**LODGEMENT INFORMATION**  
 Via email: [vehiclestandards@sa.gov.au](mailto:vehiclestandards@sa.gov.au)

Contact:  
 Telephone: 1300 882 248  
 Email: [vehiclestandards@sa.gov.au](mailto:vehiclestandards@sa.gov.au)  
 Website: [www.sa.gov.au](http://www.sa.gov.au)



**Image 1: Gauge Positions**

**Gauge Positions**

Longitudinal Dimensions			Transverse Dimensions		
R - 2	.....	(mm)	RR - LR	.....	(mm)
R - 3	.....	(mm)	R2 - L2	.....	(mm)
R - 4	.....	(mm)	R3 - L3	.....	(mm)
R - 5	.....	(mm)	R4 - L4	.....	(mm)
R - F	.....	(mm)	R5 - L5	.....	(mm)
			RF - LF	.....	(mm)

**Beaming Test**

Gauge	Deflection-Load applied (mm)					Deflection-Load applied (mm)				
	Left	Right	Left	Right	Average	Left	Right	Left	Right	Average
<b>Position</b>										
			red*	red*	red*			red*	red*	red*
R			0	0	0			0	0	0
2										
3										
4										
5										
F										

\*Deflections reduced to datum line through points R and F.

### Torsional Test

Gauge Position	Load applied (mm)				Load removed (mm)			
	Deflection		Rotation	Rotation reduced*	Deflection		Rotation	Rotation reduced*
	Left (mm)	Right (mm)	(°)	(°)	Left (mm)	Right (mm)	(°)	(°)
R				0°				0°
2								
3								
4								
5								
F								

\*Rotations reduced by subtracting rotation in rear plane LR-RR.

**Loading Details**

*Beaming Deflection*

Vehicle Mass ..... kg  
 Number of Seating Positions .....  
 Total Load Applied ..... kg  
 GVM (or Vehicle Tare Mass + Load) ..... kg

*Torsion*

Vehicle Track - Front .....  
 Rear .....  
 Load Applied ..... kg  
 Moment Arm  
 (from vehicle centre line) ..... m  
 Applied moment ..... Nm  
 Make ..... Model ..... Year of Manufacture .....

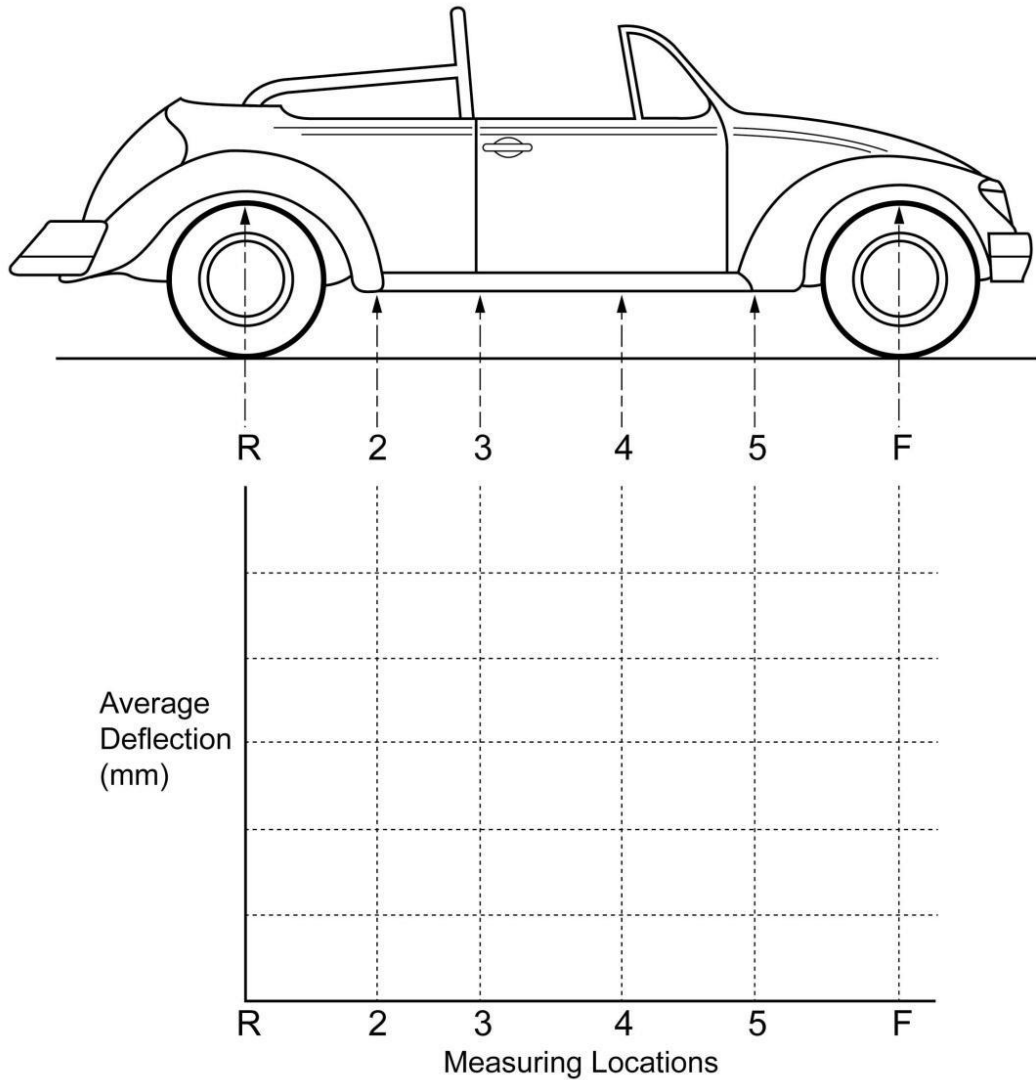
Chassis No. or VIN .....

Vehicle Modifications .....

.....

.....

.....

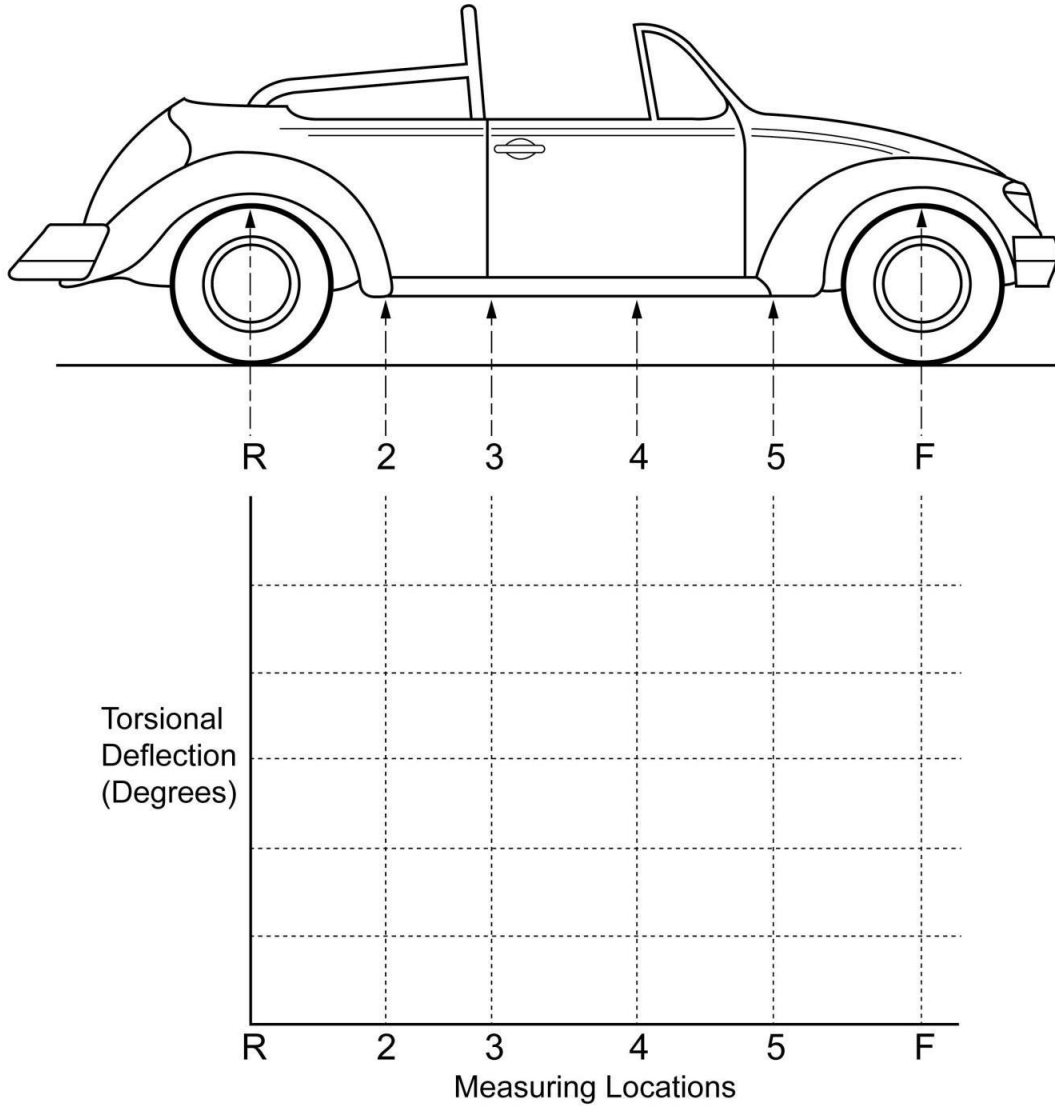


(Spaced between R and F in plot in same ratio as of positions along tested vehicle wheelbase).

**Image 2: Measuring locations (for average deflection)**

**NOTES**

.....  
.....  
.....



**Image 3: Measuring locations (for torsional deflection)**

Test conducted by: .....

Signature: .....

Date: .....

**Vehicle Standards Section**

Date: .....

File reference No: .....

Test No:.....