



## IMPORTANT INFORMATION ABOUT THIS APPLICATION

All applicants must read this important information and must follow the requirements of this application or it may be returned and an additional 50% of the original fee charged.

If you require help / assistance in completing this application, please refer to the 'Guidelines for Safety Cage Homologation' available on the MSNZ website or phone the Technical Department for assistance.

Once complete forward original documents either by Courier to physical address or email to [technical@motorsport.org.nz](mailto:technical@motorsport.org.nz)

Submit completed application with the first 6 (min) vehicle logbook application forms

**SECTION TWO:** A **CLEAR and ACCURATE** line drawing must be provided.

**SECTION THREE:** The applicant **MUST IDENTIFY** which design prescriptions the roll protection has been constructed to.

**SECTION FOUR:** Detail ALL members of the rollbar/rollcage and reference each member on drawing in Section Two. The material description, material standard, and the material specifications must be provided.

**SECTION FIVE:** Measurements must be provided for the main rollbar and front/lateral rollbar bends reduction (A) and expansion (B) accurate to the nearest 0.1mm. Measurement X is the original outside tube diameter (OD), which must be measured away from the bend.

**SECTION SIX:** Identify the welding method used, the wire/electrode type and size, **the welding technicians' name, qualifications, and company.**

**SECTION SEVEN:** Provide the actual measurements of the safety cage as viewed through the door opening. The minimum/maximum dimensions are detailed in the chart. Additionally, confirm that in frontal projection, any reinforcement of bends and junctions of the upper corners of the front rollcage are contained within the shaded area of the drawing.

**SECTION EIGHT:** Details of the material, thickness and area of the Reinforcement Plate must be supplied. If rollbar leg Footings or Footing Boxes are incorporated in the design, full details of these are also required. When the roll protection is removable, (ie. when the rollbar footing plates are bolted to the reinforcement plates that are welded to the vehicle structure), full details of these fasteners are required in Section Nine.

**SECTION NINE:** Only demountable joints as authorised by FIA Appendix J or Schedule A are acceptable. Please note the restricted use of some joint types (e.g. hinge type, directional load type etc). All joint types, fasteners and locking methods must be detailed.

**SECTION TEN:** Approval of an existing (un-homologated) structure is only possible under Schedule A (for National competitions). Contact the MotorSport NZ office to organise an inspection by a Technical Officer or Technical Advisor where appropriate.

**SECTION ELEVEN: Declaration 1** – Required to be completed by the manufacturer of the roll protection and sign accordingly to confirm that the safety structure has been designed, constructed and installed in compliance with the applicable regulations.

**Declaration 2** – is required where the material is purchased as a 'Appendix J Kit-Set' hence **MUST** be installed by a MotorSport NZ recognised installer (who shall complete the declaration accordingly).

**Declaration 3** – shall be completed by the NZ supplier of the 'Appendix J Kit-Set'.

**Photographs:** All applicable photographs **MUST** be included with this application. All photographs **MUST** be of the UN-PAINTED structure and **MUST** be CLEAR and CLOSE-UP views. High resolution digital photos (clearly identifying applicants name and vehicle details) either on CD or by e-mail to [technical@motorsport.org.nz](mailto:technical@motorsport.org.nz). Only send necessary photos as noted below- If additional photos are required, they will be requested.

1. General view of rear half of structure taken through door opening showing all rear members
2. General view of front half of structure taken through door opening showing all forward members
3. Close-up view of main rollbar top bend detail and member welding
4. Close-up view of lateral/front rollbar top bend detail and member welding
5. Close-up view of rollbar attachment to reinforcement plate
6. Close-up view of backstay attachment to reinforcement plate
7. General view of harness bar and its attachment to safety cage structure
8. View of complete door opening (taken from outside of vehicle - door open wide)
9. Clear view looking into front windscreen (taken standing in front of bonnet in drivers line of sight). Do not use flash!

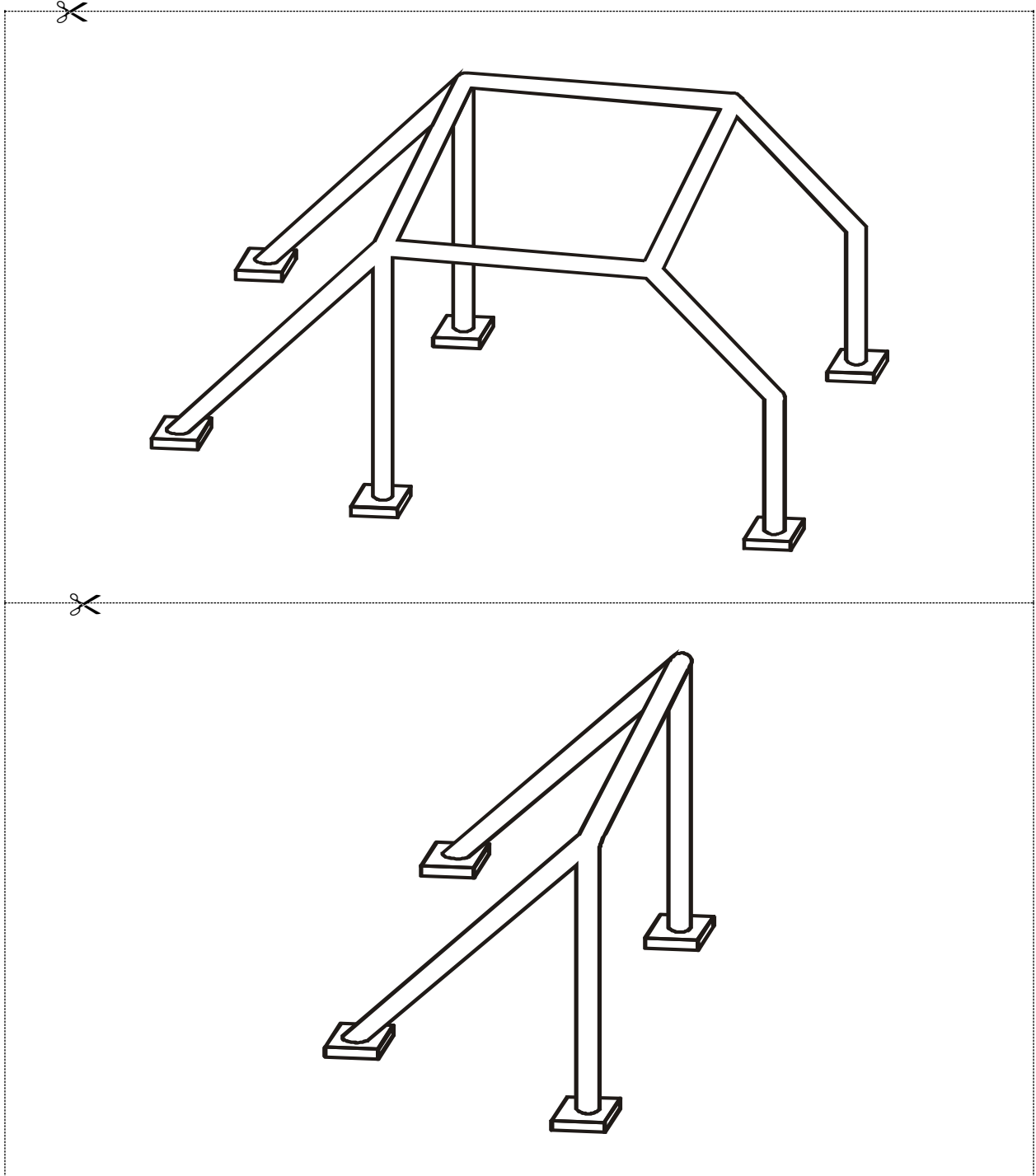
It is recommended to submit this application via MotorSport Online <http://online.motorsport.org.nz/>  
Applications submitted manually may incur some delay in the processing time

<input type="checkbox"/> First 6 Vehicles \$900.00 <input type="checkbox"/> Additional Vehicles \$75.00 each (Priority processing \$112.50 each)																							
Card No	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 20px;"> </td><td style="width: 20px;"> </td><td style="width: 20px;"> </td><td style="width: 20px;"> </td><td style="width: 20px;"> </td><td style="width: 20px;">-</td><td style="width: 20px;"> </td><td style="width: 20px;"> </td><td style="width: 20px;"> </td><td style="width: 20px;"> </td><td style="width: 20px;">-</td><td style="width: 20px;"> </td><td style="width: 20px;"> </td><td style="width: 20px;"> </td><td style="width: 20px;"> </td><td style="width: 20px;">-</td><td style="width: 20px;"> </td><td style="width: 20px;"> </td><td style="width: 20px;"> </td><td style="width: 20px;"> </td> </tr> </table>						-					-					-					Expires	
					-					-					-								
Name on Card	.....																						
Signed	.....		Date	.....																			
A 2.5% surcharge applies to all credit card payments     GST Number # 10-062-349																							
<input type="checkbox"/> Bank Account: ASB Bank 12-3192-0017344-00 <input type="checkbox"/> Paid via MotorSport Online Application <i>We do not accept cash or cheques</i>																							

## FOR SCHEDULE A DESIGN COMPLIANCE ONLY

These drawings may be used as the *basis* of your line drawing for SECTION TWO

Accurately and clearly draw-in all the rollbar / rollcage members incorporated in the design





# SAFETY CAGE- TYPE APPROVAL HOMOLOGATION

Not Valid for INTERNATIONAL COMPETITIONS

MotorSport New Zealand Office Use Only	
<b>Date Received</b>	<b>Logbook Number</b> _____
<b>Date Approved</b>	<b>NZ</b>

## SECTION ONE – VEHICLE / OWNER DETAILS

Vehicle Make: \_\_\_\_\_ Vehicle Model: \_\_\_\_\_ Year: \_\_\_\_\_

Vehicle Chassis No.: \_\_\_\_\_ Registration No.: \_\_\_\_\_

Vehicle Owner: \_\_\_\_\_ Phone Number: \_\_\_\_\_ DOB: \_\_\_\_\_

Address: \_\_\_\_\_

Email: \_\_\_\_\_ MSNZ ID/Licence #: \_\_\_\_\_

## SECTION TWO – ROLLBAR / ROLLCAGE DRAWING (line drawing of actual structure)

Drawing to be accurate representation of actual structure installed in vehicle clearly detailing **ALL** members. Number each member (Ref. Section Four)

## SECTION THREE – ROLL PROTECTION DESIGN COMPLIANCE

The rollbar / rollcage as described herein has been designed, fabricated and installed in the vehicle detailed above in accordance with the specified requirements of (tick box as appropriate);

- NATIONAL COMPETITONS:** MotorSport NZ - Appendix Two, Schedule A - Article 4.4.
- INTERNATIONAL COMPETITONS:** FIA Appendix J - FIA Homologation #: \_\_\_\_\_

*This certificate is only valid once each page bears a MotorSport NZ official RED stamp and becomes invalid if the structure is modified in any way from the design shown herein*

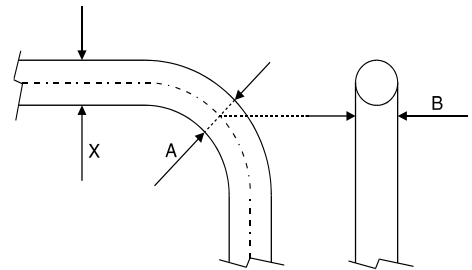
**SECTION FOUR – MATERIAL SPECIFICATION**

NOTE: Member numbers to reference SECTION TWO drawing

Member number	Member name	Material Description / Standard	Outside Diameter (mm)	Wall Thickness (mm)	Tensile Strength (MPa)
1.	Main Hoop				
2.	Backstays				
3.	Diagonals				
4.	Lateral / Front rollbar				
5.	Safety Harness Bars				
6.	Other (specify)				
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					

**SECTION FIVE – MATERIAL BEND MEASUREMENTS**

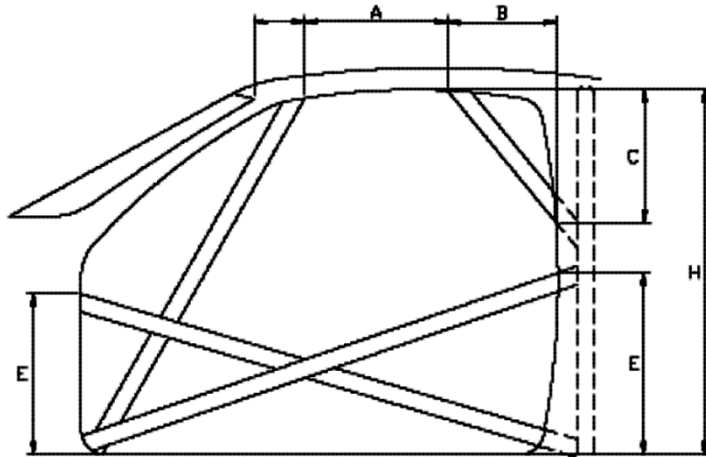
	Main Rollbar	Lateral Rollbar
Original Size:	X =           mm	X =           mm
Reduction:	A =           mm	A =           mm
Expansion:	B =           mm	B =           mm
Calculation:	A ÷ B =	A ÷ B =



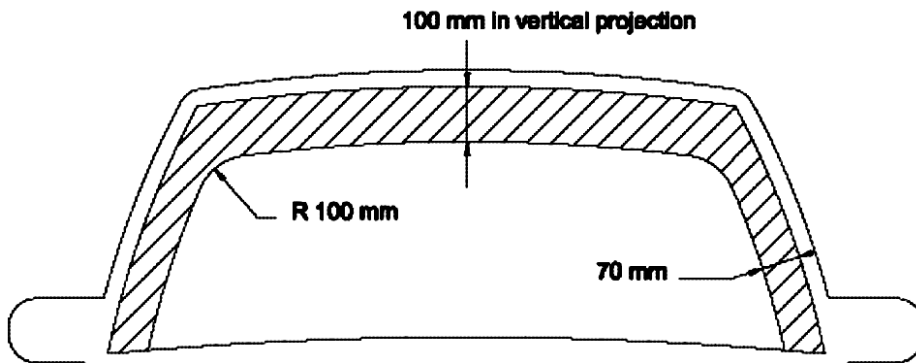
**SECTION SIX –WELDING DETAILS**

Primary Welding Method:	<input type="checkbox"/> MIG	<input type="checkbox"/> TIG
Wire Type & Size:		
Welding Technicians' Name:		
Company:		
Technicians' Qualifications:		
<input type="checkbox"/> All joins fully welded through 360° (Tick box)		

**SECTION SEVEN – POSITION OF MEMBERS IN DOOR / WINDSCREEN APERTURES**



Door aperture - complete as applicable to design	
A = 300mm MIN	Actual =     mm
B = 250mm MAX	Actual =     mm
C = 300mm MAX	Actual =     mm
E = ( Less than ½ H)	Actual =     mm
H = (Height of Door)	Actual =     mm



Confirmed that any reinforcement members are contained within shaded area (*Tick box*)

**SECTION EIGHT – ATTACHMENT TO BODY SHELL / CHASSIS**

	Main rollbar	Lateral / Front rollbar	Backstays
<b>Reinforcement Plate</b> (being mandatory plate welded to bodyshell)	Material: Thickness:           mm Area:                   cm <sup>2</sup>	Material: Thickness:           mm Area:                   cm <sup>2</sup>	Material: Thickness:           mm Area:                   cm <sup>2</sup>
<b>Footing Box</b> (being the box welded to reinforcement plate)	Material: Thickness:           mm Area:                   cm <sup>2</sup>	Material: Thickness:           mm Area:                   cm <sup>2</sup>	Material: Thickness:           mm Area:                   cm <sup>2</sup>

*This certificate is only valid once each page bears a MotorSport NZ official RED stamp and becomes invalid if the structure is modified in any way from the design shown herein*

**SECTION NINE – REMOVABLE MEMBERS / FASTENERS**

<input type="checkbox"/> None Fitted (Tick box where applicable)				
Tick boxes as appropriate	<b>Removable members fitted (as follows):</b>		<b>Joint Drawing No.</b> (from MotorSport Manual)	<b>Photograph No.</b> (from Section Eleven)
	<input type="checkbox"/>	Backstays to main rollbar		
	<input type="checkbox"/>	Lateral rollbar to main rollbar		
	<input type="checkbox"/>	Connecting members		
	<input type="checkbox"/>	Diagonal members		
	<input type="checkbox"/>	Side intrusion members		
	<input type="checkbox"/>	Other (specify)		
	<input type="checkbox"/>			

Member	Fastener Type	Number Fitted	Size	Grade	Locking Method

**SECTION TEN – INSPECTION BY TECHNICAL OFFICER (ONLY COMPLETE IF DIRECTED)**

**Section Ten is ONLY applicable to Schedule A homologation applications** for roll protection structures not previously homologated by MotorSport NZ, where the manufacturer is unknown and/or construction data is unavailable to complete the application in full. Please note that this inspection report is not a guarantee of homologation acceptance.

**To be completed by Technical Officer / Technical Advisor only**

I have inspected the structure fitted to the vehicle detailed in Section One of this application and confirm that:

- The construction / design is in compliance with the specifications of Schedule A; and
- The structure has been professionally constructed and is in an acceptable condition; and
- The structure design does not impede the operation of any mandatory controls; and
- The structure design does not unreasonably hinder the entry and/or exit of the vehicle; and
- Clear, close-up pictures of the specified areas of the UN-PAINTED structure are provided; and
- (if fitted) any demountable joints / fasteners are correctly located and of an approved type and strength.

**Safety Cages previously homologated by an overseas ASN (with accompanying ASN documentation)**

I have inspected the safety cage and the documentation provided relative to the vehicle detailed in Section One of this application and confirm that:

- The construction / design is as per the documentation and the structure is in an acceptable condition

In addition, I make the following comments:

Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Licence #: \_\_\_\_\_

**SECTION ELEVEN – DECLARATIONS**

Choose either DECLARATION 1 or DECLARATIONS 2 & 3 and complete in full.

**1 - DECLARATION BY MANUFACTURER**

For all applications EXCEPT 'Appendix J Kit-Set' safety cages

Company Name: _____	Phone Number: _____
Email: _____	MSNZ Recognition No.: <b>RM</b>
Address: _____	MSNZ ID/Licence #: _____
I hereby declare that the rollbar/rollcage, as detailed in this application, has been manufactured and installed in total conformity with the specified requirements of Schedule A – Article 4.4 / FIA Appendix J ( <i>delete as applicable</i> ).	
Name: _____	Position in Company: _____
Qualifications: _____	
Signature: _____	

**2 - DECLARATION BY RECOGNISED APPENDIX J COMPLIANT KIT-SET SAFETY CAGE INSTALLER**

Only applicable where the structure has been purchased as a 'Appendix J Kit-Set'

I the undersigned, hereby declare that the kit-set safety cage as supplied by the company detailed below has been installed in accordance with the exacting requirements of the installation instructions supplied with the kit-set and the requirements of Schedule A and/or Appendix J Article 253-8.4.

Installers Company Name: _____	
Email Address: _____	
Postal Address: _____	
Name: _____	Position in Company: _____
Signature: _____	Qualifications: _____
<b>Welding Technicians' Name and Qualifications:</b>	

**2.1 - DECLARATION BY NZ SUPPLIER OF APPENDIX J KIT-SET SAFETY CAGE**

Company Name: _____	Phone Number: _____
I the undersigned declare that this 'kit-set' safety cage as manufactured by _____ has been sold on the understanding that it will be installed by a MotorSport NZ recognised installer.	
Name: _____	Position in Company: _____
Signature: _____	