



Motor Sports House, Riverside Park, Colnbrook, Slough SL3 0HG

SAFETY ROLL BAR CERTIFICATE

BLOCK CAPITALS

Manufacturer SAFETY DEVICES Roll bar model No/Designation N46
 Address 176 EXNING ROAD, NEWMARKET, SUFFOLK, CB8 0AF

Car/s for which roll bar is designed:

Make/s ROVER
 Model/s MINI ALL MODELS
 F.I.A. Homologation No/s
 Weight of Car/s 1540 lbs. 700 kgs.

ROLL BAR SPECIFICATION

Main tube Dia 1.75 ins. 45 mm. Brace/s Dia. 1.5 ins. 38 mm.
 Thickness 0.064 ins. 1.62 mm. Thickness 0.064 ins. 1.62 mm.
 Type of welding M.I.G. Weight of total assembly 64 lbs. 29 kgs
 Type of material STEEL Material Specification BS 6323/4 CFS-3BK
 Type of mounting BOLTED INTO VEHICLE

DECLARATION BY DESIGNER for Roll Bars not complying with F.I.A. design details

I declare the the roll bar described has been *

- (a) ~~tested under my personal supervision~~
- (b) shown by my own stress calculations
- or (c) ~~shown by stress calculations carried out under my personal supervision~~

to meet the strength requirements specified in current F.I.A. regulations. In addition, I declare that all details of the roll bar design including joints, moutings and attachments are also in conformity with these regulations.

*Delete as appropriate

Date 22.2.93 Signature [Signature] Name JOWITT

Professional Qualifications Engineering CEng FRAS FIEE FIOA MIMMCE MSAE

Acceptable signatories must be a Corporate Member of the Royal Aeronautical Society or the Institution of Civil, Mechanical or Structural Engineers.

DECLARATION BY MANUFACTURER

I declare that the roll bar described is in conformity with the F.I.A. regulations as to design.

Date 22 FEB 1993 Signature [Signature] Name F J YOUNG

Status PRODUCTION ENGINEER

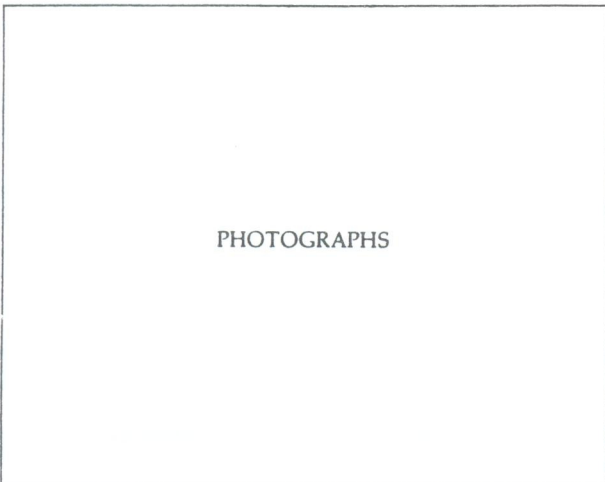
THIS CERTIFICATE BECOMES INVALID IF THE ROLL BAR STRUCTURE IS MODIFIED IN ANY WAY FROM THE DESIGN OVERLEAF

NOT VALID UNLESS PERFORATED WITH RAC MSA SEAL



FORWARD FACING BRACE OPTIONAL

Drawing of roll-bar to include detailed drawings of all joints and mountings. Tube dia and wall thickness must be specified.



PHOTOGRAPHS

(Signed)

RAC MSA GROUP 1 SCRUTINEER

(Countersigned)

RAC MSA Ltd

THE RAC MSA ACCEPT THAT THIS DOCUMENT HAS BEEN COMPLETED IN ACCORDANCE WITH THE REGULATIONS.