

## MX-5 Roll Bar

**Part Number:** MXV1077X

**Description:** Roll Bar - Black

**Applications:** MX-5 Mk1 (to 1998). Only suitable for hoods without glass window conversion.

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Please ensure your car is parked safely with the handbrake on. We suggest a cover be used over the boot lid to prevent damage to paintwork. You may require some help when lifting the roll bar in and out of position.

### Tools required

17mm socket  
13mm socket  
10mm socket  
Hacksaw  
Philips screwdriver  
Star 'Torx' driver

### Time to fit

Approximately 2 hours.

### Special notes

This roll bar is not compatible with glass window conversions.

It cannot be used in conjunction with vinyl rear window protectors that fit on the rear shelf.

We recommend that the hood is put down with the window zipped in place. This causes the window to fold neatly behind the roll bar and rest on the tube.

### Fitting Instructions

1. Fold down the hood & lower the door windows.
2. Tilt and slide the seats forward to give maximum work space.



fig 1



fig 2

3. Remove the cross brace caps and undo the two bolts holding the cross brace to the turrets. (fig 1) Remove the cross brace from the car. The cross brace is not required with the roll bar. We recommend the cross brace is kept safe with its fixing bolts & caps in case it is to be refitted. (fig 2) Please note: This cross brace is not fitted to all models.



fig 3



fig 4



fig 5



fig 6

4. Remove seat belt pivot/guide caps by lifting them from the back edge. (fig 3) Undo the two bolts holding the seat belt pivot/guides in position. Remove bolts and spacer and store safely as they will be reused. (fig 4) Allow the pivot/guides to hang down on the seat belt. (fig 5) Note the arrangement of any spacers under the guides - this may be of use if the roll bar is to be removed at a later date.
5. Remove rear shelf carpet. Pop out the plastic 'fir-tree' clips along the front edge and lift carpet away. (fig 6)



fig 7



fig 8



fig 9



fig 10

6. Unclip the heated rear window wiring from the tank cover plate. (fig 7)
7. It is necessary to cut the moulded plastic trim so the front & rear cover plate captive nuts are exposed.
- Offer the roll bar in position. Align the side mounting lugs over the seat belt turrets. (fig 8)
  - Mark the plastic trim where it should be cut to allow clearance to the captive nuts. Rear mounting (fig 9) Front mounting (fig 10)
  - Remove the roll bar.



fig 11



fig 12



fig 13



fig 14



fig 15



fig 16



fig 17

8. Remove the moulded plastic trim panel. Keep all fixings safely as they will be reused.
  - a. Undo the Philips screws in the top of the cover plate (fig 11)
  - b. Undo the Tenax pegs on the inside of the trim (fig 12)
  - c. Undo the star drive screws for the hard top bracket (fig 13)
  - d. 'Pop-out' the centre of the plastic trim clip using a small screwdriver, and remove the clip (fig 14)
  - e. Lift off the cover plate at the top of the B post (fig 15)
  - f. Roll back the door edge seal (fig 16)
  - g. Pull the trim panel away from the car (fig 17)
9. Using a hack saw cut the trims where required and clean edges with a file.



fig 18



fig 19



fig 20

10. Remove the front & rear cover plate fixing screws only. These captive nuts are used by the front & rear roll bar mountings. (fig 18)
11. Remove any seat belt guide spacers that may be on the turret.
12. Re-route the heated rear window wiring in the corner between the seat belt turret & cover plate. Tape in position as necessary. This will be covered by the plastic trim. Ensure the wire is not going to foul the hood mechanism or sharp edges. (fig 19)
13. Reposition plastic trims ensuring the locating pegs engage in the holes in the body. (fig 20)

14. Roll back the door edge seal ensuring the edge of the plastic trim is retained and refit the cover plate, all trim fixings and the hard top brackets. Please Note: If your car has a hard top it will be necessary to re-adjust the bracket position when the hardtop is next fitted.
15. Refit the shelf carpet leaving the clips out.
16. Reposition the shelf carpet. You may wish to cut small slots in the edge of the carpet to allow the fixing bolts through and the carpet to lay flat. We chose to simply tuck the carpet around the front & rear fixing bolts. If cuts are preferred align the carpet in its correct position and make small cuts in the edge of the carpet in line with the captive nuts, this will allow the carpet to lip around the bolt and under the spacers.



fig 21



fig 22



fig 23



fig 24

17. Position the roll bar in place. Position the large spacer under the rear mounting tag and loosely fit the screws a few turns, ensuring the threads are not crossed. (fig 21)
18. Position the small spacer under the front mounting tag (fig 22) and loosely fit the screws a few turns, ensuring the threads are not crossed. (fig 23)
19. Position the spacer under the upper mounting tag of the roll bar. Ensure it fits neatly between the turret and the underside of the mounting tag. (fig 24) Note the roll bar has been raised for illustration purposes.



fig 25



fig 26



fig 27

20. Pass the seat belt bolt through the guide, washer & spacer. Pass the bolt through the upper mounting tag on the roll bar, through the washer, spacer and loosely fit a few turns into the original seat belt pivot captive nut, ensuring the threads are not crossed. (fig 25)
21. Tidy the carpet around the front & rear mountings. If you have chosen to make small cuts in the edge, feed the carpet to fit beneath the spacers, either side of the screw. Alternatively tuck the carpet around the fixing as neatly as possible. Refit the clips along the front edge. (fig 26)
22. Slowly tighten the small screws and seat belt guide bolts in a diagonal sequence to ensure the bar tightens evenly. Do not over-tighten the small screws as this may damage the captive nuts. Ensure the seat belt guide/pivot bolts are tight. Once tight check that the seat belt pivot/guide is free to move. (fig 27)



**fig 28**

23. Refit the seat belt pivot/guide caps. Position on the guide loop first then snap back into position. (fig 28)
24. Remember to keep the cross brace and any unused original seat belt spacers and screws in case the roll bar is to be removed and the car returned to standard at a later date.