

RMX5 3 bracket set

Fitting advice for Mazda MX5 Miata NC Mk3

Here are some helpful pointers which will contribute to a safe and secure fitting of the RMX5 3 brackets into the Mazda (Miata) NC Mk3 using the following models of Tillett car seats for road and occasional track use.

B6-40, B6-44 side mount version

B6-44 Screamer, B6-40 Screamer FIA seats

B6-43 XL Screamer, B6-47 XL Screamer XL FIA seats

B7-40, B7-44, B7 XL FIA seats

B8-43, B8-44.5

B9-43, B9-44.5

B10, B10 XL

C1, C1 XL FIA seats



The first task in fitting the new seats is to unbolt the original seats removing the four nuts that hold the seat onto the runners. These nuts will be reused to fit the new brackets.

Unclip any electrical connectors. Resistors may need to be fitted to avoid any fault codes appearing.

Before removal of the seat, unbolt the seat belt from the original seat. This part will bolt to the outside RMX5 3 bracket and the spring will stop the buckle rattling. Be sure to use the supplied bush with the countersink pointing outwards. The inner seat belt mount point is only used if the bracket kit is to be used on the other side of the car. Take care not to scratch the car as you remove the seat.



The RMX5 3 is a 3 mm thick steel bracket designed for fitting Tillett seats into the NC Mk3 Mazda MX5 Miata. Whichever Tillett seat type you choose, the seats will line up with the runner holes using the supplied spacer kit and the four horizontal slots in the brackets. Tillett seats have a slight 2° negative camber on the sides, which helps stop bracket flex and reduces the width at the base to the minimum. The RMX5 3 brackets have the angle to match this.

On the upright section, the lowest holes in the bracket are seldom used, unless you are extremely tall. The lowest row will only normally be used if the seat is to be set at either a very reclined position or set more upright than standard. We recommend avoiding using these seats too upright in order to reach the steering. It is better for comfort and support if you can move the steering wheel closer.



Each seat type will require slightly different spacers. For example, the B10 and B10 XL are narrower across the front and require 8 mm more spacers there than at the rear. Some seats have a wider base than others. A B6 is 2 cm narrower across the mount points than a B6 XL. Discrepancies can be taken up with the spacers and lower slots in the brackets. Therefore, to acquire an initial position, place the seat and provisionally connected brackets loosely in the car on top of the runners, without bolting down. This is to work out which hole slot combination will be your preferred driving position. If needed, use the spacers to make the slots in the brackets line up with the runner holes. Use the minimum spacers you can get away with and only use them between the seat and bracket, not under the bolt head.



When fitting the brackets and spacers, there should be at least 10 mm of M8 bolt passing into the captive thread, it is important to use the correct length bolt especially with the B8 and B9, as an over long bolt in the front can hit the inner skin. On the inside fittings there is less space for a socket, so using a hex head bolt enables tightening with a ratchet spanner once all the bolts are in position. Use a bolt of at least 10.9 strength and use 35nm torque, only tightening once all the bolts are in the threads.

Kit includes

- 4 x special M8 x 35 hex bolts
- 4 x M8 Washers
- 4 x 40 mm diameter M8 x 1cm Nylon spacers
- 4 x 40 mm diameter M8 x 4mm Nylon spacers
- 4 x 40 mm diameter M8 x 2mm Nylon spacers
- 2 Seat belt retention bushes
- 2 x springs
- 2 x M10 countersunk bolts

The following is an example of spacer positions for the right side of the car, using a standard width B10, B6, B7 seat. For the B6 XL, B10XL, B8 and B9. remove 2 cm of spacers from the overall width.

Mirror for the left side of the car.



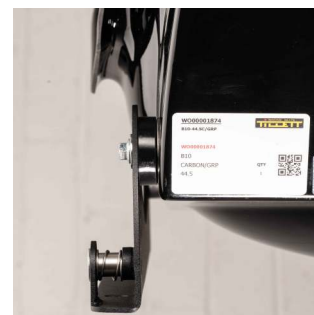
B10 front right 20mm
1 x 10mm thick
2 x 4 mm thick
1 x 2 mm thick



B10 rear right 20mm
1 x 10 mm thick
2 x 4 mm thick
1 x 2 mm thick



B10 front left 10mm
1 x 10 mm thick



B10 rear left 10mm
1 x 10 mm thick

Offsetting the spacers moves the seat to the inside making it more central to the roll hoops. With the larger seats, use no spacer on the outside, unless you must use the lowest position. Then spacers are required to miss the leg bulge.

