



FD Side Mount Seat Brackets – Install Instructions

Joel Payne
Revision 0

Kit Includes (Per Seat):

- 2x Seat Side Brackets – Bent L's
- 2x Seat Floor Mounts
- 4 m10 x 1.25 fine bolts w/ washers – interface to floor
- 6 m8 x 1.25 bolts w/ locking nuts & washers – fore/after interface
- 4 m8 x1.25 bolts w/ washers – a common seat interface (may be extra if your seat requires a different size, but hey, we tried).

Overall notes:

This kit is designed to offer the absolute maximum adjustability in a fixed seat bracket. It is purpose designed around for the FD RX7 and includes shear pin provisions to mimic the factory sliders.

Compatible seats:

Kit is designed to work with side mount seats using either a 286 mm or 290 mm bolt spacing common to many manufacturers: Sparco, Cobra, Corbeau, Momo, etc. Seat widths at the mount surface of 14.5 to 16.75" (note: not all seats capable of mounting will fit at the shoulder).

Installation:

- Remove all factory bits
- Bolt side brackets to seat at an approximate angle desired (set up your seat and try it out flat ground). Note, the staggered front holes allow finer angle adjustments than purely vertically spaced holes like others offer.
- Bolt floor interfaces to floor boards using front bolts only (rear bolts may require trimming of the Side Brackets to clear, we designed it this way to preserve maximum adjustability.
- Place seat w/ side brackets onto rails and mark desired position.
- Adjust seat angle as needed.
- While the seat is removed during angle adjustment loose install fore/aft interface bolts using 2-3 bolts per side.
- Confirm fit as desired including seat angle, left/right positioning and fore/aft.
- Make race car noises.
- Disassemble and trim side brackets to clear rear floor hardware as needed. You can notch with an angle grinder, open holes with a drill, use a rotary burr.



Sufficiently forward (no trimming required)



Example Trim Option 1



Example Trim Option 2

- Final assembly sequence is recommended as:
 - Floor interfaces to floorboards (33 ft-lbs)
 - Fore/aft bracket to bracket (20 ft-lbs, use 3 bolts per side if possible as it adds stiffness)
 - Slip seat between constrained brackets vertically and torque side bolts per seat manufacturer recommendation.



Seat Install

By the way, if you purchased the Black Powdercoat option and need to trim for the rear hardware or other seat clearances the closest paint we've found for touchup is Dupli-Color Engine Enamel Low Gloss Black.

Final note, if you're a gentle giant and need every last possible iota of height clearance the Floor Mount components can be cut down such that the Side Bracket is directly bolting to the rear floorboard (it's no longer a doubled up interface).



This is likely to lose adjustment resolution but we had a customer alter his this way and we thought it was clever so we wanted to point it out. Proceed at your own risk.

Good luck and happy wrenching!

-Joel Payne
For Ronin Speedworks