



Porsche 991 GT3/GT3RS Roll Bar Installation

- TOOLS NEEDED:**
- Wrenches: 10mm, 13mm, 17mm
 - 8mm Allen wrench
 - Sockets: 13mm, 14mm, Reverse-torx E12
 - Ratchet
 - Torx T30 screwdriver
 - Torque wrench
 - Trim prying tools
 - Carpet cutting shears (optional, makes cutting carpet easier)

STEP ONE: REMOVE SEATS

- Tools
- Reverse Torx E12 socket
 - Ratchet
 - 17mm wrench
 - 10mm wrench or socket
- Open plastic trim cap on side of seat to reveal 17mm seat belt bolt. (Photo 1)
 - Remove bolt with 17mm wrench.
 - Pull seat belt through the pass-through and away from the seat.
 - Slide seat forward, exposing the two rear Reverse-Torx seat bolts. Remove them and set aside.
 - Slide the seat rearward, exposing the two front bolts (recessed a bit within the seat rail). Remove them and set aside.
 - Center the seat (front to back) on its rails.
 - Disconnect positive battery terminal using 10mm wrench or socket. **Make sure your front trunk won't completely close once the battery is disconnected!**
 - Lift the seat straight upward and then tilt toward the center tunnel, exposing the bottom of the seat.
 - Yellow connector on the bottom of the seat (Photo 2) with a square black pull facing you. Pull that toward you, which will separate the yellow connector.
 - Carefully** remove the seat from the car.
 - Repeat this process for the other seat.



Photo 1

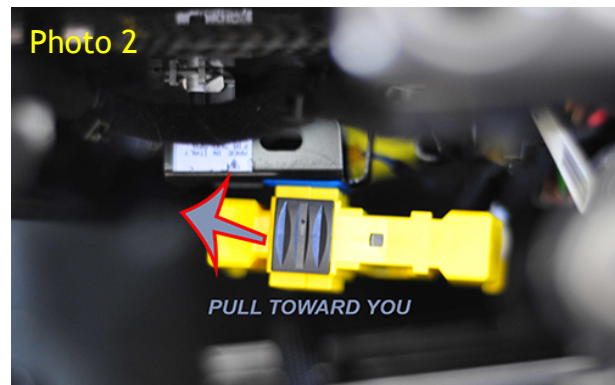


Photo 2

STEP TWO: REAR SEAT CARPET

- Tools • Trim panel tools
• 13mm socket
• Ratchet

- Remove rubber tray from center section of rear seat carpet (Photo 3).
- Remove trim cap covering 13mm nut (Photo 4).
- Remove 13mm nut using ratchet/socket (Photo 5).
- Pull up to remove rear seat carpet (held in with Velcro).

These photos show the tray and bolt in the 991 rear carpet.



STEP THREE: INSTALL KICKERS

- Tools • 13mm socket
• Ratchet

- Remove trim tabs at the forward part of each rear wheel well (Photo 6).
- Pull carpet from behind/beneath the interior trim on each side, then pull the carpet up (Photo 7) to reveal each strut tower.
- Remove the six strut top-mount nuts (three on each side) and set them aside.
- Move kicker legs into place, aligning mounting plates with strut top studs.
- Re-install the six nuts loosely, install the kicker cross-bar to the kickers, insert Allen bolts and nuts, and tighten all fasteners.
- Lay rear carpet in place, mark, and cut out pass-through for kickers in carpet (cutting from the side works well).
- Pull carpet back up and loosen six kicker mounting nuts.



STEP FOUR: INSTALL MAIN HOOP

- Tools
- 8mm Allen
 - 3/8" drill bit
 - 16mm socket/ratchet

NOTE: In this step it's especially important to follow the instructions in order.

- Put the rear seat-well carpet loosely in the seat well (it's much easier while the main hoop is still out).
- Move the wiring harness gently out of the way (inboard of the car) and remove two 16mm bolts on each side (Photo 8).
- Move the main hoop into place carefully, routing the wiring harness as shown in Photo 8.
- Install the four 16mm bolts through the holes in the main hoop feet and through the cross-member, threading them into the welded backing nuts in the cross-member. Leave them loose for now.
- Line up the four interlocking joints on the main hoop and the kickers. The tolerances of the joints are very tight; a Phillips screwdriver or punch can help line them up. Drop the Allen bolts into the joints from the top and screw them into the Nylock nuts. You can tighten these now.
- From back to front, re-tighten the six strut mount nuts, all eight Allen bolts in the interlocking joints, and finally the four 16mm main hoop bolts as follows:

Fastener Torque Specs:

- 13mm strut-top nuts = 28 lb-ft
- Interlocking-joint 8mm Allen bolts = 30 lb-ft
- Four front mounting 16mm hex bolts = 45 lb-ft



STEP FIVE: RE-INSTALL SEATS, CARPET, ETC.

- a) Re-installation of trim is the reverse of removal.
- b) Carefully trim/cut or slit rear seat-well carpet around the main hoop to let the carpet lay flat. Carpet shears work well for this.
- c) Carefully replace the seats, one at a time, into the car. With the seat facing forward (out of the car), tilt it through the door opening seat-back first and put it on the floor at an angle (tilted toward the other side of the car), exposing the bottom of the seat.
- d) Re-attach yellow electrical connector underneath seat (slide male connector into female connector and press in on black tab to lock into place).
- e) Position seat with floor mounting tabs in holes and bolt holes lined up.
- f) Install four E12 seat mounting bolts and tighten to 47 lb-ft
- g) Re-install 17mm lower seat belt bolt and tighten bolt to 32 lb-ft.
- h) Reconnect the car battery.

If you have questions at any point during your installation, feel free to contact us at sales@competitionmotorsport.com or (844) 438-7244.

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