



## Tesseract (BMW F82) Installation guide for BMW M4

**OFF-ROAD use only**

**DO NOT BEGIN INSTALLATION PRIOR TO  
READING and ACCEPTING THE  
TERMS & CONDITIONS OF USE  
AND PURCHASE FOR THIS PRODUCT  
AND PRE-INSTALL NOTES**

**TERMS & CONDITIONS ARE FOUND ON THE WEBSITE:**

**[WWW.STUDIORSR.COM](http://WWW.STUDIORSR.COM)**

**OR BY EMAILING A REQUEST FOR THEM FROM:**

**[INFO@STUDIORSR.COM](mailto:INFO@STUDIORSR.COM)**

STUDIO RSR  
M-F 9a-6:30p (PST)  
Saturday: By Appt Only  
Phone: 657-549-0195  
Email: [info@studiorsr.com](mailto:info@studiorsr.com)

## **IMPORTANT PRE-INSTALL NOTES:**

\*\*\*This installation guide serves as an outline of the steps needed to install your roll cage and is not intended to guide a novice through the installation. If you do not have the proper tools, knowledge and experience to carry out the installation, please seek help from a professional. It is not Studio RSR's or its resellers' responsibility to ensure that the installer successfully installs this product or that the subject car was/is in proper condition before or after installation. It is the installer's responsibility to install the product effectively and ensure its proper function and troubleshoot where necessary. Varying model vehicles and/or modified vehicles may require changes by the installer (not responsibility of Studio RSR).

- 1) The installation of this product requires the removal of passenger seats and safety restraint systems. It is the responsibility of the installer to ensure proper procedures are used for removal and safe re-installation to factory or aftermarket manufacturer specification of these systems. Studio RSR is not responsible for any liabilities resulting from these procedures. Any electronic codes appearing are the responsibility of the installer.
  - a) Studio RSR highly recommends the installation of FIA approved seats and harnesses in combination use with this product. It is the responsibility of the installer to ensure safe and proper seat positioning with both Original Equipment seating or Aftermarket seats and their inherent mounting devices.
  - b) This pre-install note refers especially to the correct seat height with the use of Aftermarket restraints in combination with this product. While this product is designed with the greatest range of applicable & safe harness and restraint mounting angles with varying seat types, it is not Studio RSR's responsibility, and is only the installer's responsibility to correctly measure proper fitment and installation of any restraints, harnesses, or seat belts according to any manufacturer's specifications.
  - c) Any electronic error codes, warning messages, or failures are the responsibility of the installer only.
- 2) "Bolt-on" installation of this product requires drilling of the vehicle's chassis and cutting of the interior carpeting/lining. This product will fit in an unmodified version of the vehicle for which it was designed for. Studio RSR's liability is limited only to repair or replacement of a defective part of the roll cage prior to installation.
- 3) The installation of this product requires the re-installation of Factory, Original Equipment hardware and/or components. It is the responsibility of the installer for the re-use and re-installation of any Original Equipment hardware and/or components. Studio RSR's liability is limited only to repair or replacement of a defective part of the roll cage prior to installation. Studio RSR is not responsible for any damages to any parts of the vehicle. All new nuts, bolts, and washers to be used for installation is provided with this product.
- 4) The paint, powdercoat, or finish of any items included with this product is not warranted. It is the responsibility of the owner and installer to inspect all items included with this product prior to installation. Because drilling is involved with the installation of this product and requires the correct placement of the mounting plates with pre-drilled holes, it is only the installer's responsibility to protect any product's paint, powdercoat, or finish as best as possible.
- 5) NO WARRANTY of any kind, express or implied, is made respecting the products sold and/or included with the owner's purchase and use of this product. Buyer and owner assumes all risk and liability what-soever resulting from the use of this product. Some reasonably foreseeable impact may exceed the product's capability to protect against injury. There are limitations to the severity of impact that the product sold herein can withstand and the products are not a substitute for safe and careful driving.

## **INSTALLATION INSTRUCTIONS**

### **Preparation for installation:**

- Remove front driver and passenger side seats
- Remove rear seat back rests
- Remove rear seat side bolsters
- Remove rear seat lower bench
- Disconnect the ground terminal from vehicle battery

### **Rear Legs section installation:**

The following Steps 1-4 are for both driver and passenger side:

- 1) Remove 3x black push rivets from each of the rear top seat belt assembly black plastic covers. Carefully pry off the plastic covers to reveal the mounting brackets and allow access to the black push rivets securing the trunk liners. Remove this push rivet.



- 2) Remove the metal brackets.
- 3) Remove the top seat belt assemblies. \*\*\*The T50 bolts securing the top seat belt reel/locks to the chassis (1x for driver side and 1x for passenger side) will be re-used. Be sure to save these for Step
- 4) Remove the black plastic rear seat side bolster mounts (1x per side).
- 5) Remove rear belt clip-ins/receivers
- 6) Install the Rear Legs Section matching the form-fitted mounting brackets to the chassis.
- 7) Use the T50 bolts that were removed in Step 3 to hold the Rear Leg Section in place. Do not do final tightening until the following steps to install the Main Hoop are completed.

### **Main Hoop Installation**

8) Bring the Main Hoop inside the cabin with the top of the main hoop towards the front windshield. We suggest a second person for this step.

\*\*\*BE VERY CAREFUL to not damage the car or any of the doors and interior trims. Pay close attention to the Rear View Mirror, Front Windshield, and Visors.

9) Once the Main Hoop is in the cabin, connect the Rear Leg Section to the Main Hoop using the tube clamps on both sides of the roll cage.

10) Complete final torque on the T50 bolts on each side of the Rear Leg Section mounts. This will place the Main Hoop in the correct position.

11) Outline the footprint of the Main Hoop mounting brackets on the carpet.

12) Disconnect the tube clamps to separate the Main Hoop from the Rear Leg Section. Loosening the T50 bolts from the Rear Leg Section mounts may be required.

13) Move the Main Hoop away enough to allow room to cut the carpet.

14) Make cuts like a plus sign "+" (front to back and left to right) in the center of the outlined footprints made in Step 11. Continue the cut towards the rear of the car enough to allow the Main Hoop mounting brackets to be inserted under the carpet.

15) Once both sides of the Main Hoop are under the carpet, repeat Steps 9 and 10.

16) Drill holes matching the 8x pre-drilled holes of the Main Hoop mounting bracket.

17) Step 17 is no longer used.

18) Use the included Grade 8 and hardened hardware to secure the Main Hoop. 8x bolts, 8x washers on top, 8x washers underneath, and 8x nyloc nuts. Trim any excess length off the 8x bolts.

19) Check over your installation and follow instructions from beginning to check for thoroughness.

20) Re-install Front Driver and Front Passenger seats.

\*\*\*OPTIONAL\*\*\*

21) Re-install rear seat bench and backrests.