

MKI Gas Charged Engine Prop

Thank you for choosing the Gas Charged Engine Lid Prop from Club MR2. Your package should contain one gas strut, two mounting brackets, one bolt, one washer and one self locking nut. If any of these items are missing, please contact us immediately. Each of the brackets comes with 3 pre-drilled holes and we add one hole per bracket to accommodate installation on the MR2.

Tools required: Ratchet with 10mm socket
Phillips head screwdriver (optional)

Installation:

1. You may find it easier to install the lower bracket if you remove the side panel by the engine cover. This is held in place with 3 Phillips head screws and pulls off when they are removed.
2. If you still have a stock prop rod, remove it and the nylon grommet that the rod mounts to the body through. If you have a Supercharged car, you may leave the stock SC prop in place as it mounts on the opposite side of the car.
3. Remove the top bolt from the engine lid hinge. One of the brackets was shipped with a nut and bolt inserted through one of the holes. You want the other bracket right now. The added hole on the bracket should be below the ball when installed on the car. Ensure that the bracket is aligned with the side of the engine lid and tighten the bolt.



4. Place the other bracket over the prop rod grommet hole with the ball facing up. Insert the provided bolt through the washer and then the back of the prop rod bracket. Slide the strut bracket onto the bolt and thread the lock nut onto the bolt with the conical end facing away from the bracket. This nut has elliptical threads at the conical end, which deform as you tighten and prevent the nut from vibrating loose. Tighten the bolt with sufficient force to prevent the bracket from rotating when the strut is being compressed (in other words, tighten it a LOT).
5. Place the strut so that the cylinder faces up when the engine lid is open (shaft pointed down) and snap the end cups into place over the balls on the brackets. The lower ball may not snap into place with the engine lid fully open. If this is the case, lower the lid slightly and snap the ball down.

Should you ever need to remove your strut, insert a small screwdriver into the slot on the back of the cup and pry the metal clamp away from the ball. The cup should pull free from the ball with little effort.

