ModelYShelf Rear Storage Cover



- Add a finished look to your rear cargo area
- Hide and secure items left in your cargo area
- Provide additional storage for items
- Quiet noise coming from the rear of the vehicle
- Insulates your trunk space from summer heat
- Saves energy by allowing you to heat less of the cabin
- Adjustable for the right fit and accessibility as you need
- Removes easily to allow you to carry larger items

Congratulations on your purchase of a ModelYShelf rear storage cover for your Tesla Model Y! This will add a finishing touch to the rear cargo area of your car, as security for your important items stored in the rear, insulate and greatly quiet noise coming from the rear of the car. Installation is easy and complete directions are below. This should only take you 10-15 minutes; no special tools are needed.

The ModelYShelf can hold up to 20 pounds, but it is not recommended that items be left on it while driving. These can be thrown in the event of an accident or heavy braking, resulting in potential injury to the occupants of the car. Also, remember that when the lift gate is opened, the shelf will rise at an angle causing items on the shelf to tip, fall, or spill.

When you don't need it, or when you need to carry larger items in the back of your car, the straps unhook simply and the ModelYShelf can be taken down. It will store flat on the trunk floor, even with the rear seats open. (See Note C at the end of these instructions.) When your cargo is unloaded, and it will go back up as easily as it came out. It does not need to be removed if you are lowering the rear seats. It will simply and automatically fold down on top of them and is sturdy enough to pile things on top of it. See Note A at the end of these instructions. (Leatherette tops should be protected if you are putting things on top of them.)

We encourage folks to customize their ModelYShelf to meet their own needs. Feel free to experiment with the various configurations suggested in these instructions and take things further if you see opportunity. And if it is a really cool or helpful idea, please feel free to share it with us!

Materials List

Quantity	Item
1	ModelYShelf
2	Front hanging cords
2	Headrest hooks
2	Rear Hanging cords (Long)
2	Rear Hanger Brackets
2	Velcro straps
2	Small carabineers

Your ModelYShelf warranty covers the product and workmanship for 30 days from its purchase date. I am always looking to improve the products that I offer and to innovate. If you have questions about the ModelYShelf or its installation, suggestions, or would like a customized product, contact me at: Steve.TeslaShop@yahoo.com

ModelYShelf Installation

NOTE: Please read these instructions completely before starting. Installation is meant to be intuitive, but the understanding the instructions will help.

1. **Set the rear seats to their 2nd reclined position.** The ModelYShelf is specifically designed for this and will not lift properly if the seats are not reclined to this position. Note: It is possible to move the seat a little past this position by lifting the release handle and pushing. This will cause the ModelYShelf to bump into the hatch when closed.

2. Remove the long strings from the ModelYShelf. Lay the long string over the mounting point on the hatch strut on the hatch back. Then thread the loose end through the loop at the other end as shown in the picture on the right. Pull the loose end all the way through to tighten the string over the mount, positioning it as shown in the picture on the left. Repeat this for the other side. The strings will now hang from the strut mounts.





There are several alternatives for hanging the long strings from the hatch strut mount. Velcro straps can be wrapped around the strut mount and then through the loop at the end of the long string. Carabineers can also be clipped over the hatch mount strut and the long strings hung from them. These parts are included in the small parts bag. We encourage you to try each for a while to decide which is best for your needs.

3. a Locate the 3d printed rear support brackets. Near the rear of the trunk, lift the rubber trim seal gasket on top of the trunk side wall. Slip the hook end of the bracket over the top of the sidewall. It may

be helpful to pull the trunk side outward with your fingers or insert a screwdriver behind the plastic trunk side and pry it forward slightly.



b. Slide the hook of the bracket straight down the trunk side to fully engage the hook in the top of the sidewall. As you do, take care not to bend the thin upper shaft of the hook inward or outward. This can cause the bracket to weaken or fail where it meets the wider body. Bending it should not be necessary for the installation. If it is easier to install the hook further forward or back, you can always do this and slide it forward or back into the correct position.

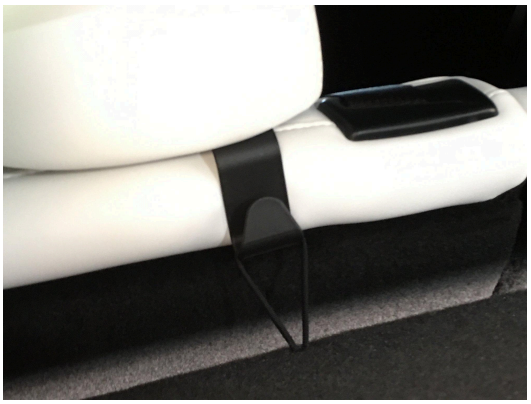


c. Replace the rubber gasket over the top of the hook. Repeat these steps for the installation of the other hook on the opposite side of the car. While this is a good fit and quite secure, you may use a piece

of double sided automotive trim tape (Not supplied) to provide additional stability to the hooks This can be attached to the curved back side of the hook where it meets the sidewall. When the hook is positioned, the tape will adhere to the sidewall. We recommend using the ModelYShelf in your car for a week or two before doing so. This will give you time to be sure the rear support hooks are located at the ideal location.



4. Install the large plastic hooks on the outer headrest bar of the right and the left rear seats. Place the ModelYShelf in the trunk and hang the forward end with short cord loops in the headrest hooks. Adjust the length of the cords to **as short as possible** by re-tying the knots underneath the shelf. This will be easier if you do it with the ModelYShelf removed from the hooks. The tail end of the ModelYShelf will rest on the rear support clips you installed in Step 2.





An alternative to this is to omit the headrest hooks. Remove both rear seat headrests (Check your owner's manual for instructions how to do this.) and insert the inside headrest support post through the loops in the short strings that suspends the forward end of the ModelYShelf. As you do, re-install the headrest in the rear seat. Adjust the length of the straps by re-tying the knot below the shelf. Ideally, it will sit just below the top of the rear seat at the seam between the leather and carpet.

5. Adjust rear support brackets by sliding them forward or backward to level the ModelYShelf in the car so that the flat of the bracket supports the ModelYShelf at or near the widest part of the rear of the shelf, and the ModelYShelf can lift off the brackets without any resistance. Moving the bracket forward in the car will raise the tail, moving it further back will lower it. Adjust the short forward cords and the rear support clips to keep the ModelYShelf level from side to side in the car. The optimal position for the tail of the ModelYShelf is just above the bottom of the speakers on the rear hatch, as shown below.



6. Insert the free end of the long lifting cord in each hole at the tail end of the ModelYShelf and tie a knot underneath it. Adjust the knots to hold the ModelYShelf level at the desired height when the hatch is open. When you have them leveled, double knot the strings



7. Allow a few days for the straps to stretch out, adjust if needed and THEN trim the straps as desired. Singe the edges of the cut with a lighter to keep the string from unraveling.

8. That is it! Close the lift gate and enjoy.

NOTES:

A. To lower the rear seats, you do not need to completely remove the ModelYShelf. Simply unhook the long lifting strings from the ModelYShelf or the hatch strut mounts, then unlatch both seats. Lift the ModelYShelf off the rear support hooks slightly and release the rear seats. As the rear seats fall, they will pull the ModelYShelf with them and it will land on the back of the rear seats. To raise the rear seats, have someone hold the rear of the ModelYShelf up, and lift both seat backs at the same time. The person behind can pull a bit on ModelYShelf to help lift the seats.

B. The adhesives use to make your ModelYShelf may give off an odor for a few days. You can let it air out in your garage until the smell dissipates, or just install it in your car and enjoy that new car smell once again.

C. To remove your ModelYShelf temporarily, just unhook the long strings and lift the ModelYShelf off the forward hooks. It can be stored flat on the trunk floor with the rear seats upright as shown below. It can also be stored vertically, against the rear seats or in the rear seat area. This is generally not recommended as it limits your view through the rear of the car.

