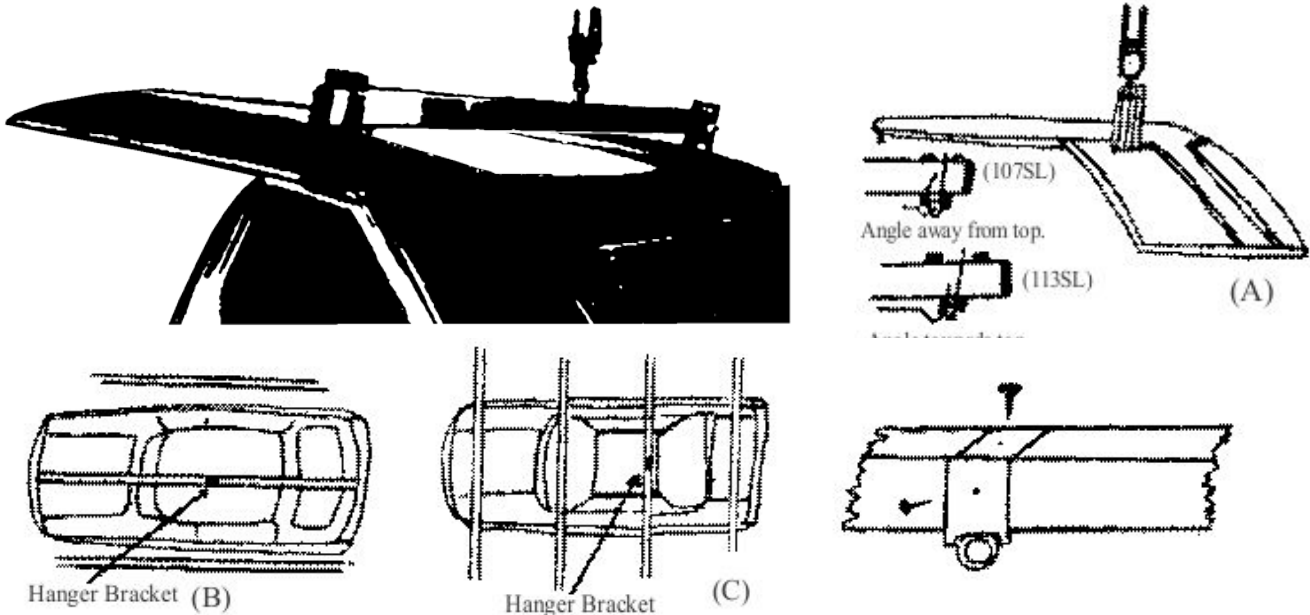


HARDTOP HOIST FOR 107SL/113SL MODEL - MERCEDES BENZ

INSTRUCTIONS FOR INSTALLING YOUR HOIST TO AN OPEN CEILING

1. A metal hanger bracket is supplied to hang the pulley on. This bracket must be placed in the proper position above the car. If the rafters run parallel to the car, position the car just to one side of center (see diagram B below). If the rafters run across the car, position the car under the nearest rafter that will allow the rear roof section to lie under it (see diagram C). For 107SL models that section is near the rear horizontal position of the silver gutter. On the 113SL models it is about 3 inches rear of the vertical side window post on the horizontal silver gutter.

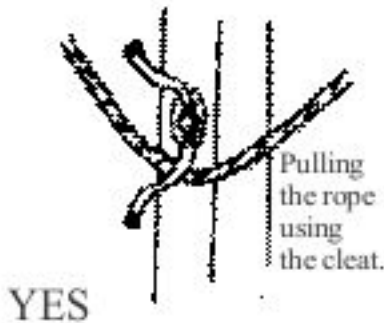


2. If you can't position the car as shown in the instructions, you may have to bridge the rafters with a 2x4 to be able to properly hang the bracket. Bridge at least 3 rafters for good support and use metal construction brackets to keep the 2x4 from tipping over. ***** IMPORTANT ***** Obtain professional help if you do not have confidence in your ability to do the installation yourself (diagram E & F).



3. Once you have been able to position the bracket in the proper position above the hard top, remove the car from the garage. I suggest that you mark the position of the driver's side tires so you can park the car in the same position every time.

4. Install the rope tie off cleat on the side wall nearest the car, not on the rear wall. It can be positioned to the rear of the SL hardtop so you can guide the hardtop with one hand. Be sure that the garage door will not come in contact with the rope in any way. Make sure the screws are fastened deep into the wood and not into plaster. The rope must be pulled at a right angle to the cleat and under the base of the cleat as pictured.



5. Take the hoist with the bottom pulley attached and get some slack on the pulley system so there is space between the two pulleys. Using a ladder, fasten the upper pulley to the ring on the bracket. Uncoil the rope and slowly pull the bar down. Stop at chest height. Tie off the remaining line to the cleat as in

#4 above. To test the installation, hang your arms over the bar and put your body weight onto the system, observing the system and the rafters above. If you can support a major portion of your body weight and everything is properly installed, your hoist will easily hold the weight of your hardtop. Be very careful not to fall.

INSTRUCTIONS FOR INSTALLING YOUR HOIST TO A CLOSED PLASTER CEILING

1. **WARNING! DO NOT USE TOGGLES OR EXPANDING FASTENERS. THESE DEVICES WILL NOT HOLD THE HOIST SECURELY.**

2. Locate a rafter above the top and open a small hole beside the rafter. The hole should be big enough to put your hand through to position the bracket over the hidden rafter. Follow the instructions above in the preceding section.

3. The use of a screw eye is left up to you. We do not supply one. If you use a screw eye you must get the screw portion of the eye dead center into the hidden rafter. Make sure you screw it deep enough into the rafter. **WE DO NOT RECOMMEND INSTALLING YOUR HOIST IN THIS MANOR.** If you chose to use an eye screw, remove a small section of the plaster so you can see the rafter before you screw it in. Also, drill a pilot hole. We want you to have a safe and trouble free top hoist installation.

***** OBTAIN PROFESSIONAL HELP TO INSTALL THE HOIST IN A CLOSED PLASTER CEILING, ESPECIALLY IF IT REQUIRES LOCATING A POINT OF FASTENING BETWEEN RAFTERS.**

HOW TO USE THE HARDTOP HOIST

1. Put the car back into position with the hoist pulled to the ceiling and tied off at the wall. Use the marks on the floor to position your car properly.
2. Carefully lower the bar hoist down to the level of the gutters on the hardtop. Do not hit the top.
3. Unscrew the wing nuts on the gutter clamps so the plates can be spread apart. Slip the smaller rear plate from the hoist into the gutter. Extend the outer plate hook area under the bottom of the gutter. With the square area of the head of the bolt positioned in the square recess in the little plate, screw the wing nut until tight. Do not force! Repeat on the opposite side. Examine the attachment and make sure it is securely fastened around and under the gutter. It should not pull loose.
4. Make sure the hardtop is free and clear and that the rear window defrost line is unfastened. Carefully pull the top up a couple of inches and check for the proper balance (the front of the top is higher than the back). If it looks good, pull the top slowly up using a hand over hand method. Use gloves to protect your hands from the rope. With the rope held securely with one hand, steady the top. Make sure the pulley ropes are not twisted and they line up from one roller to the other. Check the gutter clamps to make sure they are tight and have not slipped. Secure the hoist at the cleat and make sure the hoist is working properly.
5. Pull the top slowly up to the ceiling until both pulleys nearly touch. If the top wants to spin, tie a small line to a side fastener and then to the wall to stop the spin.
6. Once you decide the bracket has been positioned correctly, screw the two screws on the top and side of the bracket. If it is a plastered ceiling, use the side that is accessible.

IMPORTANT SAFETY CONSIDERATIONS

1. Never allow children to play or be in the garage while the top is hanging. Position the cleat and the rope coil out of children's reach. If children are present, it is better to put the top back on the car or lower it to the floor.
2. Use the supplemental strap system as a backup restraint.
3. Do not remove the hardtop with someone in the car.
4. Make sure the hardtop fastening systems are unfastened, especially the rear deck fastener on the 107SL models.
5. It is recommended that you practice lifting your top off a table top. Only after you are confident that you can raise your top safely should you lift the top directly off the car.
6. Check to make sure the top is balanced on the hoist. The back of the hardtop should not be lower than the front by no more than a couple of inches.
7. Lay a soft blanket on the trunk deck next to the rear hold down pin on the 107SL or the catch on the 113SL.
8. A pulley hoist requires strength and coordination. If you don't feel able to use this hoist and you must remove the top by yourself, we recommend that you exchange this hoist for a mechanical winch hoist.