

INSTALLING ALUMINUM STEERING RACK MOUNTS

- 1) Remove the original steering rack mounts taking care not to lose the small nylon damper button held in place by the right-side mount.
- 2) Clean all rubber, dirt and corrosion from the entire circumference of the rack at the mounting area.
- 3) Clean the mounting surfaces of the frame then lay a straight bar across them and check their alignment. A bent frame or dirt between the rack and mounting blocks may cause distortion and binding of the rack. Small shims may be placed under the mounting blocks to compensate misalignment of the mounting surfaces.
- 4) Place the lower half of the mounting blocks under the rack with the wider side toward the outside of the car. Slide the mounting blocks apart as far as possible against the flanges of the rack.
- 5) Center the rack on the car by holding the steering wheel straight and straightening the front wheels. Rotate the rack in the mounts to the proper position with the flat on the bottom of the flanges horizontal.
- 6) Make sure that the nylon button is in position, cover it with silicone to seal against moisture and install the upper half of the mounting blocks. Install the bolts, original slotted plates, new washers and nuts. The bent edge of the slotted plates should be toward the center of the car. Slide the plates front or back so that the bent edge pushes against the frame and the angled slots hold the bolts toward the outside of the car then tighten the bolts.
- 7) With the front of the car raised, check that the steering wheel turns freely through its full travel. If binding occurs, first check if it is caused by excessive pressure on the nylon button. This can be done by removing the button and replacing the mounting block or by reversing the upper half of the right mounting block so it does not cover the button. If the rack moves freely now, file the button until proper tension is achieved. If binding still occurs without the button in, loosen one mount at a time to check which one is at fault, then try to determine the cause. Check that the frame mounting surface is straight and that there is no dirt or rust between the rack and the mount. If the mount causes binding by clamping the rack too tightly a thin shim may be inserted between the halves to reduce the clamping force. Make sure that enough clamping force is retained to hold the rack firmly in place.
- 8) Tighten the mounting block bolts to 20 ft/lb. Do not operate the car with the bolts loose.



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