

# Front Bumper Mounting Pads Installation

Underneath the bumper, disconnect the 2 electrical leads for the lights. There is about 16" or 40cm of wire between the light fixtures and the connectors.

Use a 13mm socket wrench to remove the 6 nuts securing the bumper assembly to the frame.

Carefully slide the bumper assembly off of the center post.

**Caution: Bumper is surprisingly heavy and awkward.**

Use a 13mm socket wrench to remove the old bumper mounting brackets from the bumper.

Notice that the 4 studs on the bumper for attaching the mounting brackets can move a little horizontally. The mounting pads are label so that you can tell what side of the car it goes on. Use 4 small washers and 4 serrated flange nuts to attach your new mounting brackets to the bumper with a 13mm socket. Tighten nuts with about 15ft/lbs of torque.

Very carefully position the bumper assembly onto the center post. Do not be surprised if you have to ask someone else to help you because the bumper is very heavy and awkward.

Looking from above, observe if the 6 mounting studs for attaching the bumper assembly are going to line up with the 6 holes in the frame. If either side does not line up, then you will have to slide the bumper assembly off the center post again. Loosen the 2 nuts securing the misaligned mounting bracket and move it horizontally in the direction needed for alignment with holes in the frame.

After the bumper assembly is on the center post and the 6 mounting studs line up with holes, you can begin to secure it with the 6 serrated flange nuts and 6 large washers using a 13mm socket. Before final tightening of the nuts, align the bumper to the body by pivoting bumper on the center post. Tighten 6 nuts to about 15 ft/lbs of torque.

Reconnect the wires for the lights and you can use the 4 black nylon cable ties to help manage the position of the wires.