

#TL100201

INSTALLATION MANUAL

SUS00037

APR B9 Chassis Strut Brace

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Notes:

These instructions were written for a North American specification Audi RS5, but other models like the Audi A4, A5, S4, and S5 are similar.

When disassembling the car, be sure to keep all fasteners so they can be reused. It is recommended that you get some kind of compartmented tray to organize the fasteners, such as a fishing tackle box or several large ice cube trays. Fasteners that are not reused for reinstallation are noted in the instructions. All directions used in this manual (right, left, front, etc.) are based on if you were sitting in the drivers seat of the car.

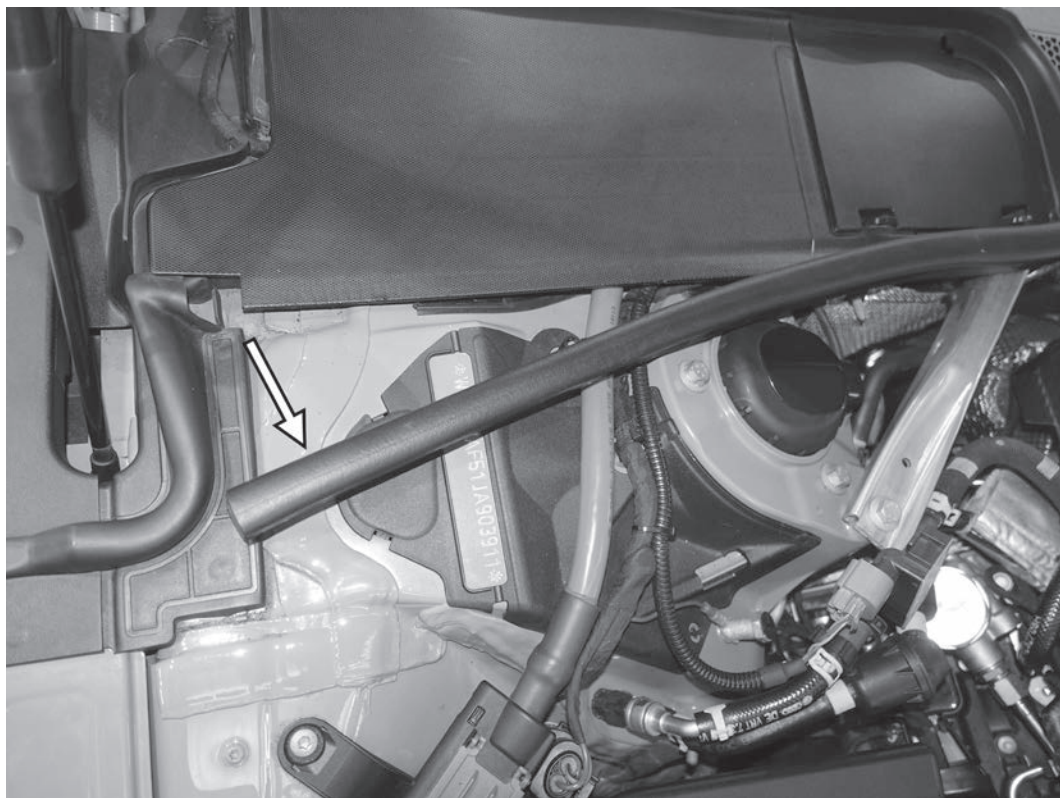
These instructions assume that you have basic mechanical skills and several varieties of basic hand tools in order to install the kit. If you have any questions about the install, feel free to contact your APR representative.



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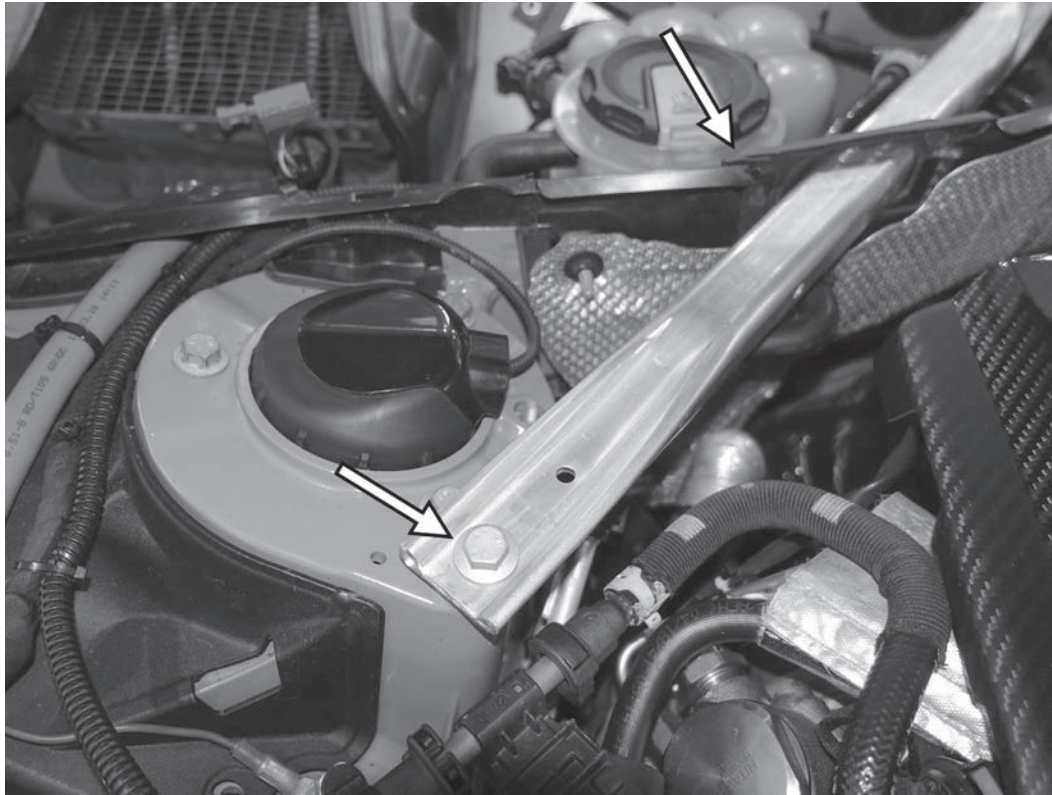
1) Raise the hood and pull the weatherstripping away from the plastic cowl cover, removing the weatherstripping from the car.

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2) Carefully lift up on the front edge of the plastic cowl cover to expose the two 13mm nuts holding the factory brace to the main firewall. Remove the two 13mm nuts from both factory braces. The cowl cover

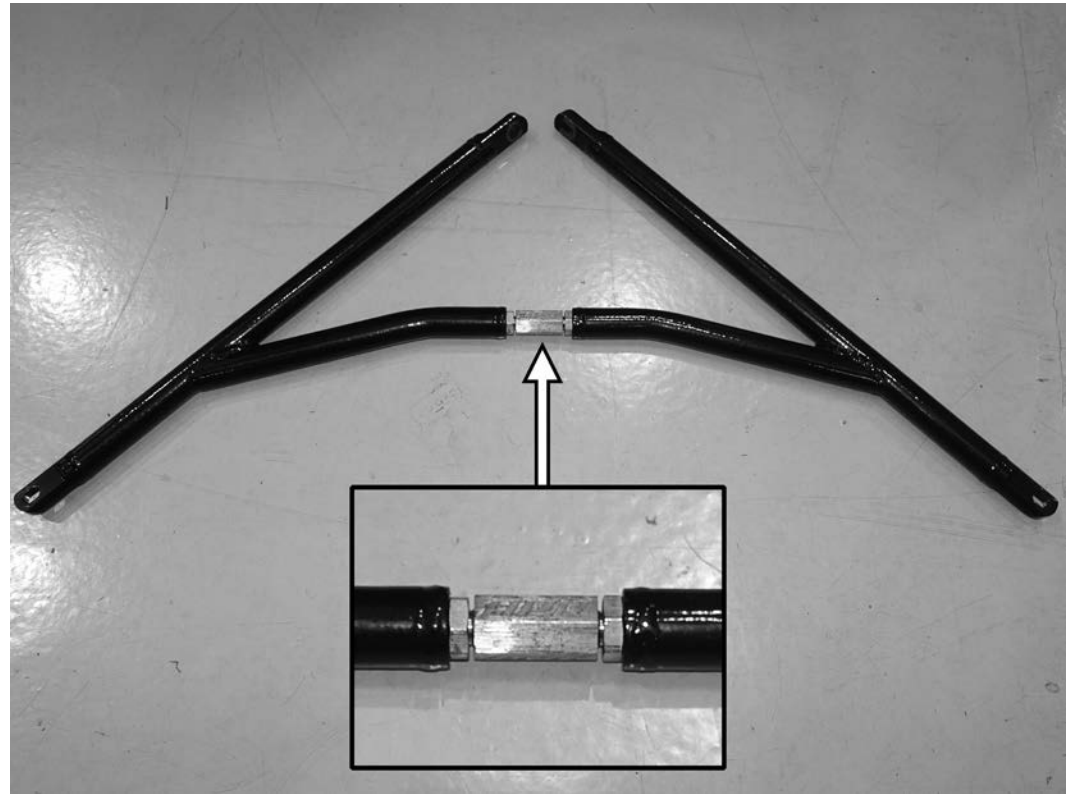


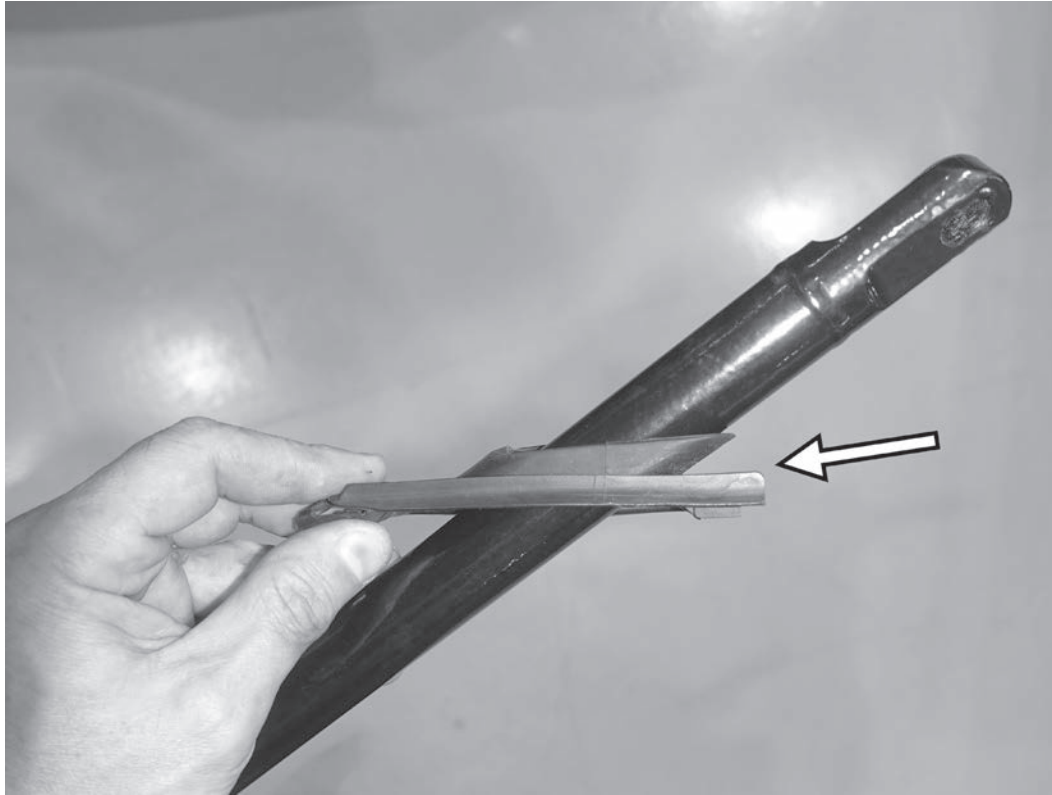
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3) Remove the 13mm screw from the front side of the factory brace. After noting how the grommet between the factory brace interacts with the forward firewall, lift and removed the brace and grommet from the car. Note that the grommets are specific to each side of the car, and how the grommets are oriented on the braces.

4) Assemble the APR strut brace as shown with the turnbuckle, two jam nuts and two brace assemblies. Note that one side of the assembly is left hand threads, and the other side has right hand threads. Fully thread in both jam nuts and both brace assemblies onto the turnbuckle so that no threads are showing.

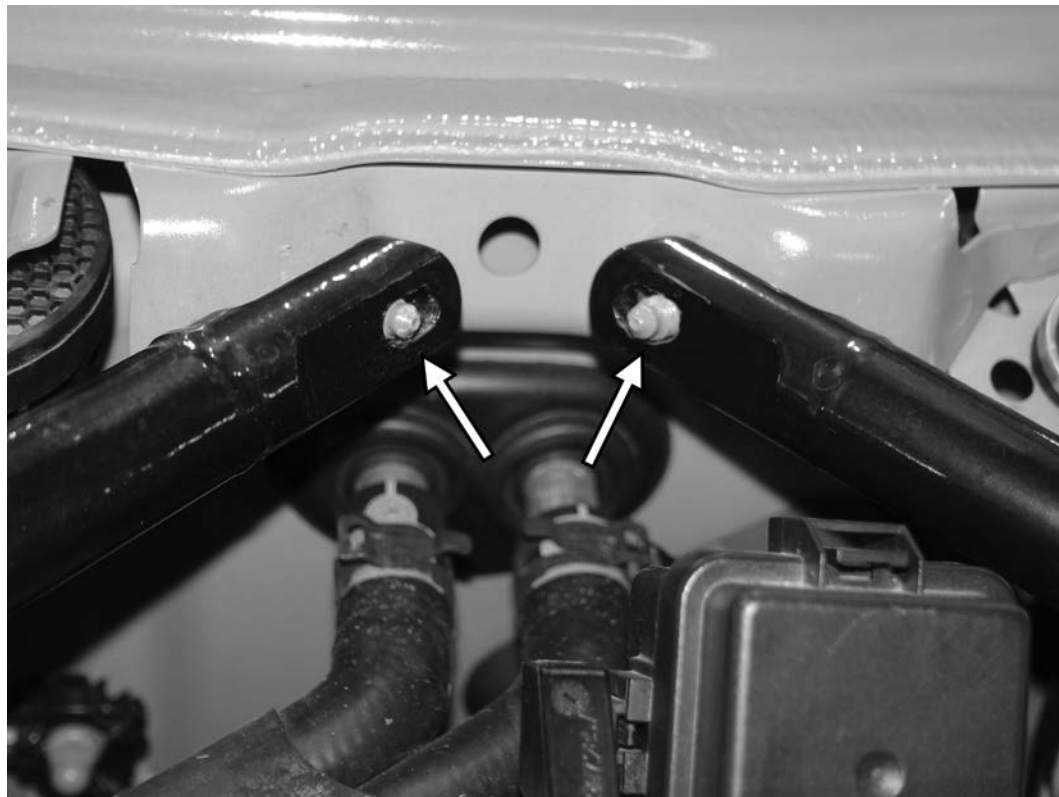




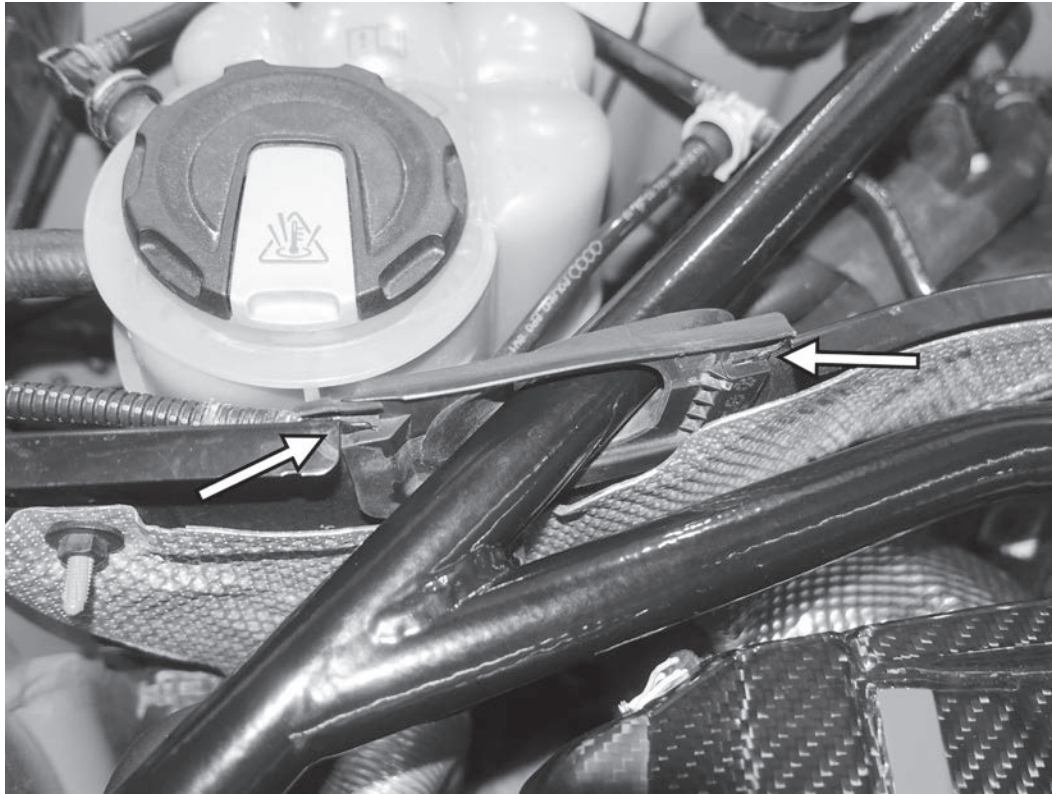
5) Swap the rubber firewall grommets from the stock braces to the APR braces, making sure the orientation is correct. Also note that the grommets are specific to each side of the car.

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6) Place the brace assembly in the car, mounting the back of the brace to the two posts on the front of the rear firewall.



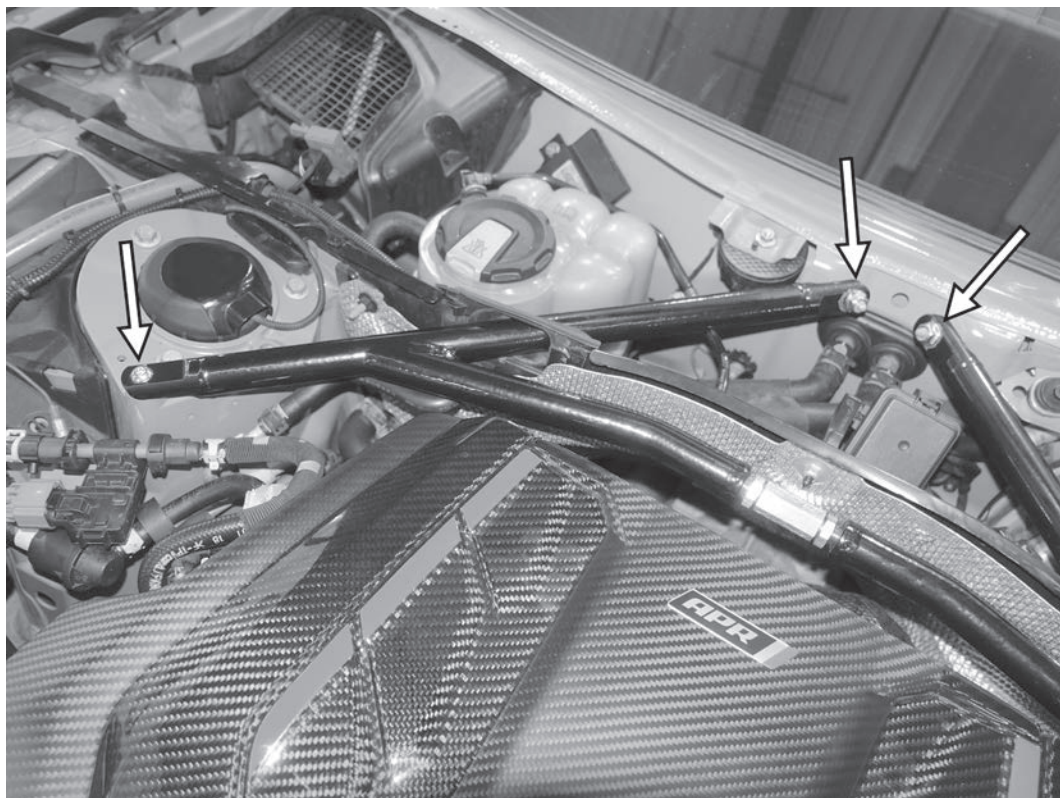
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7) Slide both rubber grommets back into their slots on the forward firewall, interacting with the firewall as they did with the factory braces.

8) Loosely install the two supplied 13mm nuts holding the back of the APR strut braces to the front of the rear firewall. Loosely install the two supplied 5mm allen screws to holes in the strut tower that the factory braces were mounted in. Be aware that you may need to slightly rotate the turnbuckle on APR brace in order for the front screws to fit.





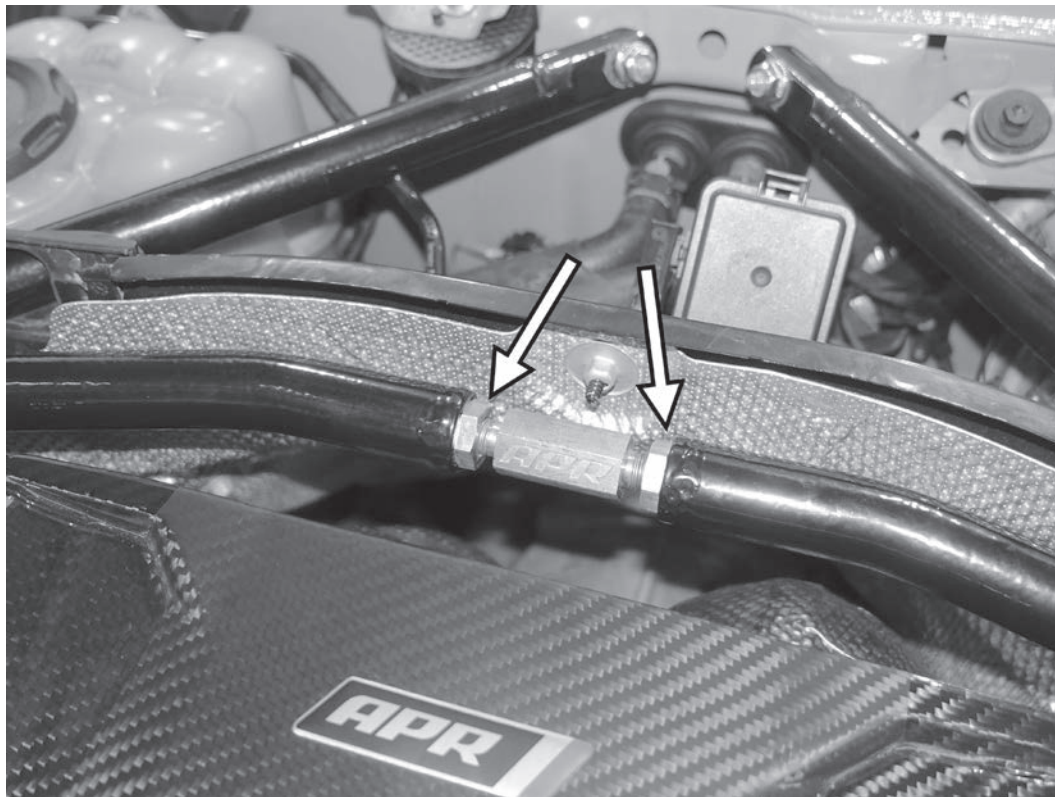
9) Tighten the two 13mm nuts on the back of the APR brace to 20Nm (15 ft-lbs), then tighten the two 5mm allen screws on the front of the brace to 20Nm (15 ft-lbs).

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10) With the car sitting on level ground with all four tires touching the ground, use a 19mm open ended wrench to preload the strut brace. Turning the turnbuckle towards the back of the car expands the strut brace outwards.



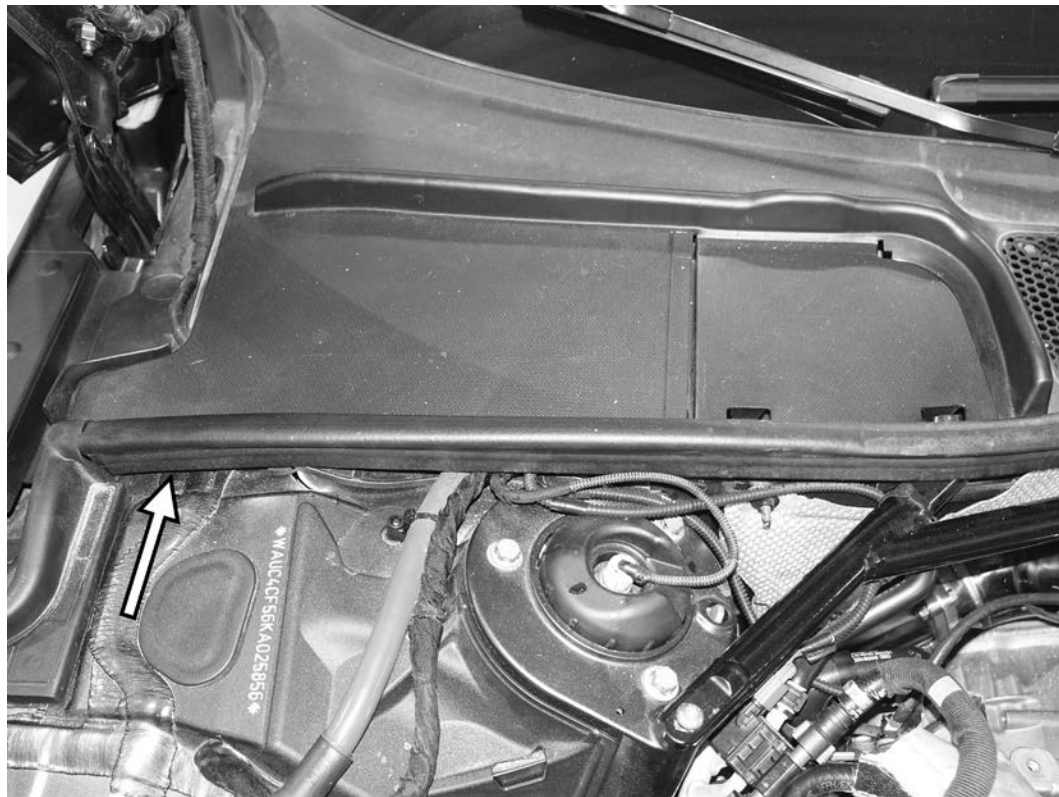
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11) To lock the turnbuckle in place, tighten the 19mm jam nuts up against each brace arm.

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12) Lay the plastic cowl cover back down, and then replace the weatherstripping holding the cowl cover to the front firewall.



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