



## Front Bumper Support Installation Instructions

# WARNING:

This component is for off-road use ONLY.

This aftermarket bumper support is not a D.O.T. certified part and has not been crash tested to verify its impact performance.

Buyer assumes all risk of any injury caused to the vehicle/person during installation or use of this product.

**Tool Note:** A 5mm socket is needed for this instruction

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## Tools required:

- Clip Removal Tool
- 5mm, 7mm, 8mm, 13mm socket
- 13 mm wrench
- Jack and Jackstands or service lift

## Instructions:

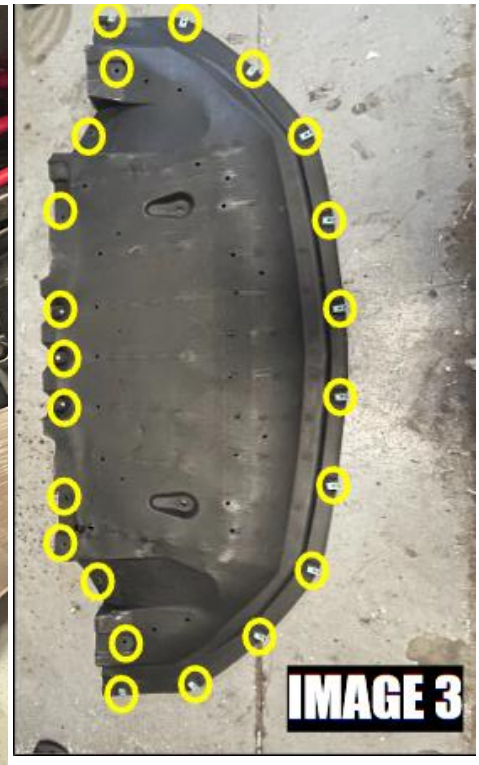
1. Using a clip removal tool, remove the eight (8) clips that hold the radiator shroud on as shown in **IMAGE 1**
2. Raise car and safely support on jack stands, allow for room to remove front bumper and lower belly pan



3. In each of the wheel wells, remove the six (6) clips holding the front of the inner fender liner on as shown in **IMAGE 2**

**NOTE: Depending on your model, there may be two (2) additional clips**

4. Using a **7mm** socket, remove the twelve (12) fasteners and the twelve (12) plastic clips holding the belly pan onto the subframe of the car. Shown in **IMAGE 3**
5. Remove the belly pan and set it to the side.



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6. Pull back the inner fender line and remove the one **7mm** headed bolt that is behind the headlight one each side shown in **IMAGES 4 and 5**



7. Behind each side of the bumper, carefully remove the three (3) electrical connectors going to the headlight and fog light, as shown in **IMAGES 6, 7, 8**



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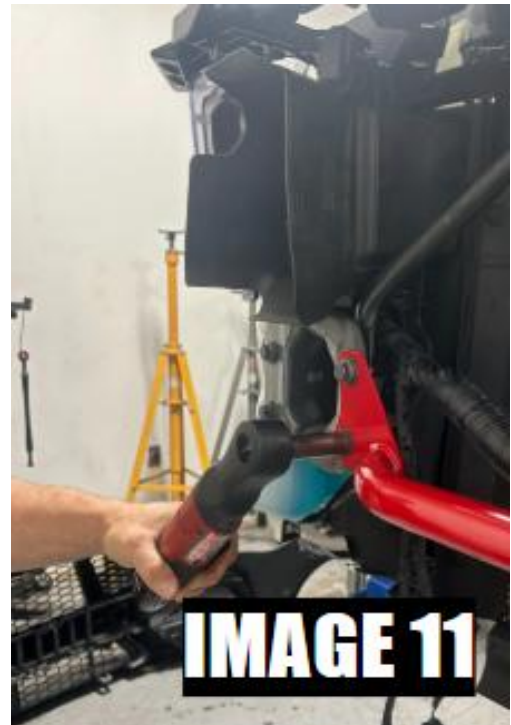
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8. Using an **8mm** socket, remove the six (6) screws holding the top, center of the bumper in place as shown in **IMAGE 9**. The bumper should then be easily removed

**NOTE: hold onto the bumper while remove bolts in order to not drop it**



9. Firmly grab the bumper where it meets the front fender, pull it back towards the rear of the car and outward in order to unclip the bumper from the mounting tabs, shown in **IMAGE 10**
10. With the bumper removed, unplug the ambient temperature sensor that is attached to the bumper support with a plastic clip removal tool and remove the eight (8) bolts from bumper support using a **13mm** socket
11. Replace the bumper support with the stock bolts using a **13mm** socket. **IMAGE 11**



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12. If your car has the performance package, it will have a radiator brace that connects behind the bumper support using a nut and a longer bumper support bolt. Ensure that you reinstall the nuts using the longer bolts. **IMAGE 12.**

13. Using Zip-ties, secure the wire harness to the bumper support. If your car has the performance package, you can zip-tie the harnessing to the previously mentioned brace

14. Replace the bumper, but before you reinstall the belly pan, determine a location behind the bumper to secure your ambient temperature sensor. The closer it is to a fresh air intake and the farther it is away from the radiator, the better. In addition, ensure that the bumper support takes the weight of the bumper, as shown in **IMAGE 13.**

15. Install belly pan, inner fender liners radiator shroud

16. Reinstall front wheels, and lower car back onto the ground

