

WARNING:

This component is for off-road use **ONLY**.

This aftermarket bumper support is **not** a

D.O.T. certified part and has <u>not</u> been crash tested to verify its impact performance.

Buyer assumes <u>all</u> risk of any injury caused to the vehicle/person during installation or

<u>USE</u> of this product.

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Tools required:

• Clip Removal Tool, 7mm socket, 8mm socket, 13mm socket, 13 mm wrench. Instructions:

- Using a clip removal tool, remove the eight (8) clips that hold the radiator shroud on as in IMAGE 1.
- 2. Raise car and support on jack stands, allow for room to remove front bumper and lower belly pan.
- 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 and 3
- 4. Using a 7mm socket, remove the nineteen (19) fasteners and the two (2) plastic clips holding the belly pan onto the subframe of the car. Shown in **IMAGE 4**.
- 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 5 and 6**





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- 7. Behind each fog lamp, carefully unplug all three (3) connectors. Shown in **IMAGE 7.**
- 8. Use a 5mm socket, remove the two (2) clips under rubber weather stripping on the inside of the headlights as in **IMAGE 8.**
- 9. Firmly grab the bumper where it meets the front fender, pull it back toward the rear of the car and outward in order to unclip the bumper from the mounting tabs as in **IMAGES 9 and 10**.







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 Using an 8mm socket, remove the six (6) screws holding the top, center of the bumper in place as shown in IMAGE 11. The bumper should then be easily removed

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



- 11. 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.
- 12. Replace the bumper support with the stock bolts using a 13mm socket. IMAGE 12.
- 13. If your car has the performance package option, 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 if your car has that option. Brace shown in **IMAGE 13**.
- 14. Using Zip-ties, secure the wire harness too the bumper support.
- 15. Replace the bumper, but before you re-install 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.
- 16. Install belly pan, inner fender liners and radiator shroud.
- 17. Lower car back onto the ground.



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