

Sweet Ass Bumper Delete Kit CDC # 0512-7000-01

Please read instructions thoroughly before installing.

About the Product:

The **Sweet Ass Bumper Delete Kit** is designed and manufactured exclusively by Classic Design Concepts using quality materials. The kit was designed around, but not limited to the Ford Racing Muffler (M-5290-GT). No permanent modifications are required for the installation of this package. The Sweet Ass Bumper Delete Kit is for aesthetic purposes only and does not provide rear impact protection.

**** Upper Filler Panel must be painted before installation. ****

Kit Components:	CDC Part #s
1 - Driver Side Horn Assy.	0512-6001-01
🗌 1 - Passenger Side Horn Assy.	0512-6002-01
1 - Upper Filler Panel Assy.	0512-6003-01
1 - Lower Mesh Panel Assy.	0512-6004-01
2 - Exhaust Tips w/clamps	0512-0100-01
1 – Exhaust Bezel Cut-Out Template	9
Hardware Kit	0512-6500-01
☐ (2) "J" Clips	182060
🗌 (2) 8-32 x ¾" Pan Head Screw	182064
(2) 8-32 Nut w/Keps Lock Nut	182065
(2) Hex Head Screws (7mm)	35002
(4) Phillips Screws	181701
🗌 (8) Push Pins	65003
(2) Frame Horn Replacement Bolts	30006
(2) Support Brackets	0512-6501-01
Tools Required:	
3/8" Drive Ratchet	10mm Socket
3/8" Extensions	8mm Socket
☐ ¼" Drive Ratchet	Fork Tool
1/4" Drive Extensions	T – 27 Torx Bit
15mm Socket	7mm Socket
Tmm Wrench	

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Sweet Ass Bumper Delete Installation Procedure:

1. Remove Rear Bumper. Remove the (4) 10mm bolts from both sides.





2. Remove Bonnet. Unplug wire harness on drivers' side near the hinge point. Release the top of struts. Remove Hinge Pins. Remove entire assembly from vehicle.

<u>Note:</u> We suggest removing the Bonnet not only for easier access; it also reduces weight for the rest of the procedure.



3. Remove Air Box to gain access to exhaust tip clamps. Loosen the 8mm hose clamp. Unplug Mass Air Sensor. Remove the (2) 10mm mounting blots. Remove Air Box from vehicle.



4. Remove both Rear Fascia Closeout Panels. Remove the push pin fasteners and Scrivets. (6 New push pins included in kit for reassembly)



5. Remove Exhaust Tips. Loosen clamps with 15mm deep well socket and remove tips.



- 6. Remove Heat Shields from Horns. Remove all T-27 fasteners securing Heat Shields to Horns and remove Heat Shields.
- **7. Remove Wire Harness from Horns**. Use a fork tool to release the push pin retainers from Frame Horns.



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8. Unplug O2 sensors from both sides of exhaust and remove Harness from Horns. Carefully remove the O2 sensor from the top of the Frame Horn with a fork tool.



9. Remove Ground Wires from Horns. Remove the 10 mm bolts that secure the ground wires on both Frame Horns.



10.Remove push pin fastener from wheel well liner on driver and passenger side. There is 1 push pin fastener on both driver and passenger sides that secures the wheel liner to the Frame Horn. Remove from both sides. 2 new push pins are included for reinstalling.



11.Remove License Plate to gain access to the Upper Mesh Panel fasteners. Remove the (4) T-27 Fasteners and remove license plate.

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- 12. Remove Upper and Lower Mesh Panels. Remove the (2) Phillips screws that secure the Upper Mesh Panel to the Fascia, 2 Larger Phillips Screws are included in the kit for ease of reinstallation and more secure fit. Remove the (2) T-27 Bolts that secure the Upper Mesh Panel to the Frame Horns. Remove all of the 8mm bolts that secure the lower Mesh Panel to the Fascia. Remove the (2) T-27 bolts that secure the Lower Mesh panel to the Rear Diffuser Note: Removing some of the fasteners of the rear wheel well will make easier access to some of the Mesh Panel fasteners.
- **13. Disassemble Upper and Lower Mesh Panel.** Remove the bolts that secure the Upper and Lower Mesh Panels. **Note:** This hardware will be used to install the new Upper Filler Panel to the new Lower Mesh Panel.
- **14.Remove Diffuser brackets bolts.** Remove the T-27 bolts that secure the Diffuser brackets to Frame Horns (2) each side
- **15.Remove the Fascia/Bonnet Support Bracket bolts**. Remove the T-27 bolts that secure the Fascia/Bonnet Support Bracket to the Frame Horns (2) each side.
- **16.Remove Frame Horns**. Remove the (3) 15mm bolts from each horn and remove the Horns. **Note:** The bottom bolts may be difficult to remove if the car is equipped with factory catalytic converters. We suggest cutting the bolt after it is partially removed. A replacement bolt is supplied in the kit for reinstallation.



- **17.Install replacement Frame Horns**. Use supplied lower bolt if necessary. Reinstall Wire Harnesses, Ground Wires, Diffuser Brackets, and Fascia/Bonnet Support Bracket.
- **18. Assemble new Upper Filler Panel, Lower Mesh Panel and Exhaust Bezel**. Using the J clips and bolts removed in step 13, bolt the Upper and Lower Panels together. Install the Exhaust Bezel, use (2) of the large head trim screws and J clips to attach the top of the Exhaust Bezel to the Upper Filler Panel. Use the (2) 7mm Hex Head screws to attach the Exhaust Bezel to the Lower Mesh Panel. DO NOT OVER TIGHTEN SCREWS.
- **19.Install Panel Assembly.** Install the Panel Assembly as 1 piece. Fasten the Upper Filler Panel to the Fascia using the provided 7mm bolts. Fasten the Lower Mesh Panel to Fascia using the 8mm bolts removed in step 12. Fasten the bottom of the Lower Mesh Panel to the Diffuser bracket with the T 27 bolts.

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- **20.Install "L" Brackets.** Place "L" Bracket on top of the Frame Horns with the short leg pointing up. Place "J" clip on top of Upper Filler Panel and use 7mm bolts to attach the brackets to the Filler Panel.
- **21.Reinstall Frame Horn Heat Shields**. It will be necessary to either bend or trim the rear of the shield to allow for the "L" Bracket, approximately ½".
- **22.Install new Exhaust Tips:** Place tips in position and tighten clamps. **Note:** Position clamps so they can be tightened from the engine bay.
- 23. Plug in O2 Sensors.
- 24. Replace Wheel Well push pin fasteners.
- 25. Reinstall License Plate.
- 26. Reinstall Air Box.
- 27. Reinstall Rear Fascia Closeout Panels. Use the provided push pin fasteners.
- 28. Reinstall Bonnet.



Thank you for choosing Classic Design Concepts for your restyling needs. If you have any questions or concerns regarding installation please contact <u>Tech@CDCdetroit.com</u> or call 866-624-7997.

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