

Mustang 8" Speaker Upgrade

Installation Instructions

KA-8-WOOFER

Contents:

2EA 8" Woofer - RW08SHELBY8
2EA Spacer Ring - RISHELBY8
2EA Gasket - RGSHELBY8
1EA Grill - LH
1EA Grill - RH
16EA #8 X 5/8" Screw
8EA #6 X 1/2" Screw
2EA M6 Bolt
2EA Washer

Tools required:

7mm Nut Driver
Panel Removal Tool
Pick Tool
Torx® T20 Driver
Torx® T30 Socket
Ratchet
10mm Socket
#1 & #2 Phillips Screwdrivers
Wirecutters / Wirestrippers

Front Speakers

1. Using your hand pull and remove the triangle shaped trim piece from the top of the door. Fig. 1
2. Using a pick tool remove the screw cover from behind the door handle. Remove the Torx®T30. Fig. 2



3. Using a panel removal tool pry the switch plate away from the door panel and disconnect wiring. Fig. 3
4. Remove the 7mm screw located behind the switch plate. Fig. 4



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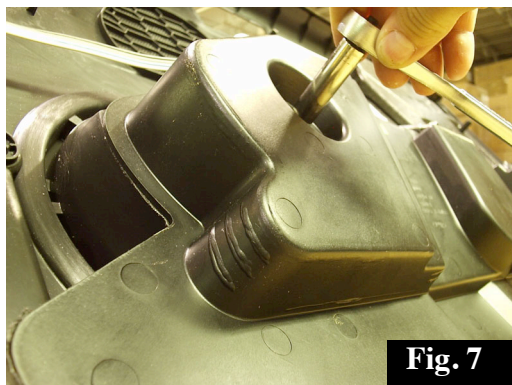
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5. Remove the eight 7mm screws around the perimeter of the door panel. Fig. 5
6. Using a pick tool. Remove the plastic screw cover behind the door release lever. Remove Torx® T-30.
7. Lift straight up on door panel to separate it from the metal. With the door panel loose snap the door release lever out of the door panel and pass it through the hole leaving the linkage attached to the lever. Disconnect all factory wiring from the door and remove panel. Fig. 6



8. Lay the door panel face down, and remove the 10mm. bolt securing the subwoofer from the back. Fig. 7
9. Turn the door panel over. Using a Panel removal tool remove the speaker trim ring from the door. Fig. 8



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10. Remove eight, 7mm screws securing the factory woofer to the door. Fig. 9
11. Cut the wiring from the factory woofer. Leaving as much wire in the door as possible. There will be two pairs attached to the woofer, cut them both. Take the pair of wires that are white with a blue stripe and solid white, tape them up and fold them back. (You will use only one pair to connect the new woofer, you will not use these.)
12. Adhere the supplied foam gasket on the back side of the supplied spacer ring. Notice that one side is wider than the other. Make sure you orient the gasket correctly.
13. There are two tabs on the door panel that were used to align the factory speaker. Cut both of those tabs off. Secure the spacer ring to the speaker location on the door panel using the eight 7mm screws removed in step 9. (The spacer ring has two arrows on it. These arrows **MUST** be facing up on the door panel. (12 o'clock position) in order for the woofer to install correctly Fig. 10

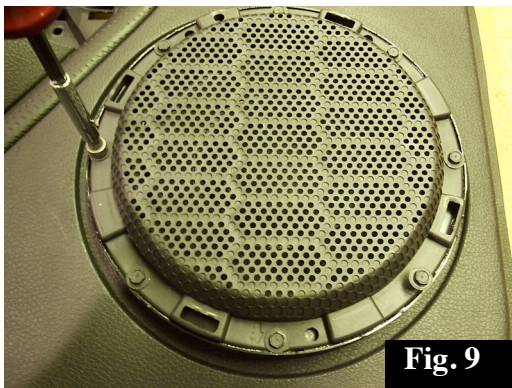


Fig. 9

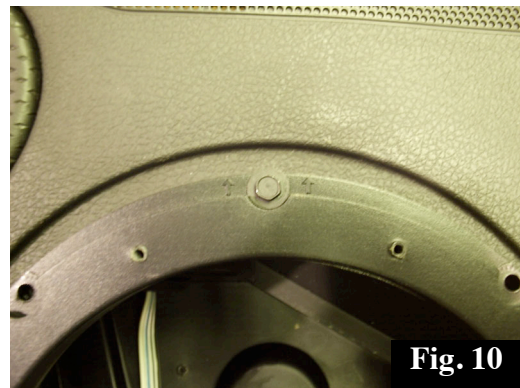


Fig. 10

14. Take one pair of the factory wire that was cut from the woofer in Step 10. The wires colors are White with a grey stripe and white with a black stripe. Strip off ¼ "of insulation. The wire with the black stripe will connect to the black connector on the new woofer. Connect the wire with the grey stripe to the red connector on the new woofer. NOTE: Hooking up more that one pair of the two pair in the door will result in permanent damage to the amplifier!
15. Secure the new woofer to the spacer ring on the door panel with 8 of the supplied #8 X 5/8" screws. Fig. 11
16. Secure the new grill to the front of the woofer using 4 of the #6 X 1/2" screws. The grills are labeled Left and Right. Tighten by hand. Do not over tighten. Fig. 12

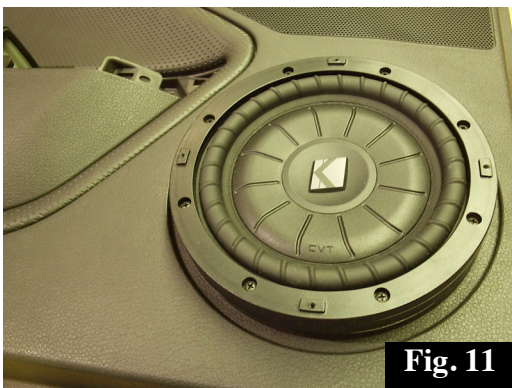


Fig. 11

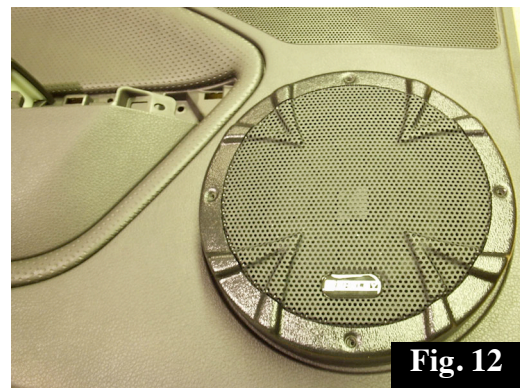


Fig. 12

17. Install the supplied bolt and washer in the back of the door panel, where the factory 10mm bolt was removed in Step 7. (It is not critical, but highly recommended to apply Loctite® thread sealer to this bolt.)
18. Reinstall all previously removed parts in reverse order. Repeat for the other side.