

Mustang Amplifier Upgrade

Installation Instructions

KA-4.1-AMP – 2010B

Contents:

1EA Amp / Bracket Assembly – KA41AMPBAA
1EA Power Harness – RHSHELBY41P
1EA Overlay harness – RHSHELBY41M
1EA 30A Fuse
1EA Star Washer
6EA Wire Ties

Tools required:

7mm Nut Driver
10mm Socket
13mm Socket
Ratchet
Razor Knife
Panel Removal Tool
Flat Head Screwdriver
#2 Phillips Screwdriver

1. Disconnect negative battery cable
2. Turn the steering wheel as far as possible to the left.
3. Using a straight screwdriver pry out the center portion of the two plastic retainers that secure the rear portion of passenger's side front fender well. Once the center portion is pried out, remove the outer portion. Fig. 1
4. Using a Phillips screwdriver unscrew the centers of the other four plastic retainers securing the rear half of the fender well and then pull out the outer portion. Remove the fender well. Fig. 2



Fig. 1



Fig. 2

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5. Remove the fuse box cover under the hood and remove the 10mm nut from the main power lug.
6. Connect the power harness to the lug and retighten the 10mm nut. (*Do not install supplied fuse yet*)
Fig. 3
7. Route the power harness down to the small opening near the fire wall that leads into the fender well area. Fig. 4



Fig. 3



Fig. 4

8. Using a razor knife make a small incision in the rubber grommet. Fig. 5
9. Pass the power harness into the cabin and secure with the provided wire ties. Fig. 6
10. From inside the car, install the provided white three pin connector on the end of the power harness.
(Any wire can be installed in any position)



Fig. 5



Fig. 6

11. Using a panel removal tool gently pry loose the bezel around the shifter and remove. Fig. 7
12. Open the center console lid and gently pry loose the top of the console lid. Disconnect wiring and set aside. Fig. 8



Fig. 7



Fig. 8

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13. Remove the two 7mm screws securing the bottom of the radio bezel. Fig. 9
14. Pry loose the radio bezel and disconnect wiring. Fig. 10
15. Remove the four screws securing the radio, pull radio from dash and disconnect wiring.



Fig. 9



Fig. 10

16. Remove the four screws along the bottom of the glove compartment. Fig. 11
17. Remove the 10mm nut from the stud at the base of the HVAC fan housing. Fig. 12



Fig. 11



Fig. 12

18. Remove the sill plate along the bottom of the passenger's side door opening. Fig. 13
19. Remove the passenger's side kick panel by pulling toward the center of the car and then straight back to release the fasteners. Fig. 14



Fig. 13



Fig. 14

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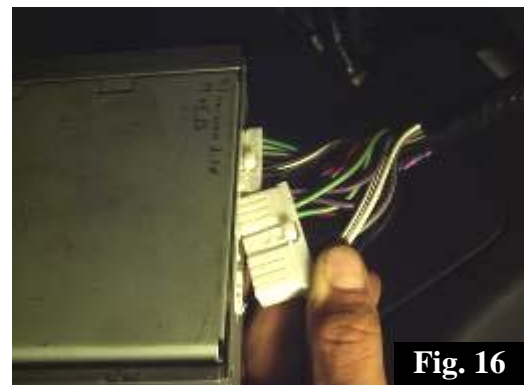
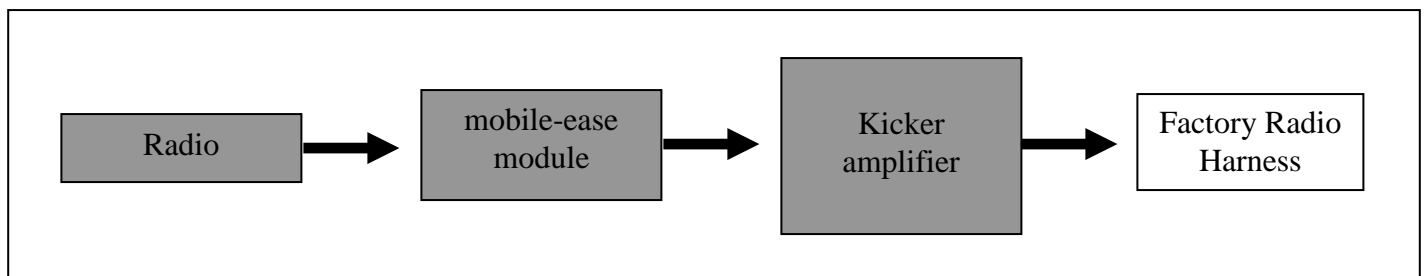
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20. Connect the radio connector to the amplifier overlay harness and tuck the connectors out of the way to avoid interference when reinstalling the radio. Fig. 15
21. Route the other end of the overlay harness down to the area below the glove compartment and connect it to the amplifier. Fig. 16
22. Connect the remaining connector of the overlay harness to the back of the radio. Reconnect the antenna wire and any other factory connections to the back of the radio and reinstall the radio.

Important notice for vehicles equipped with Mobile-Ease

If the vehicle is equipped with Mobile-Ease Bluetooth™ device the wiring must be connected in the following order.

- A. Disconnect the factory wiring from the radio. (Large and Medium sized connectors only)
- B. Connect the two corresponding connectors of the Mobile-Ease harness to the radio.
- C. Connect the Kicker® amplifier harness to the Mobile-Ease harness.
- D. Connect the remaining connector of the Kicker® amplifier harness back to the factory wiring.



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23. Connect the ground wire of the amplifier harness to the 10mm bolt in just below the edge of the dash.
Fig. 17
24. Install the amplifier/bracket assembly over the HVAC blower housing stud and behind the bottom of the glove compartment. Line up the holes in the bracket with the holes in the glove compartment and reinstall the screws, leave loose. Fig. 18
25. Reinstall the 10mm nut and provided star washer on the blower housing stud and tighten, then tighten the glove compartment screws.



26. Connect the amplifier overlay harness power plug to the power harness.
27. Reinstall all previously removed parts in reverse order
28. Install the supplied fuse in the fuse holder.
29. Reconnect negative battery cable.