

# APH-FD01

Speaker connection harness for select 2007-2017 Ford and Lincoln vehicles with factory amplified sound systems

## Introduction and Features

The APH-FD01 simplifies speaker wire connections when adding aftermarket amplifiers. Aftermarket amplifiers can be easily added with no need to cut or modify a vehicle's original wiring. 47Ω 5 Watt resistors have been added to the amplifier side of the harness with the Gray connector to retain the safety and warning chimes when they are played through the factory door speakers.

## Installation Notes

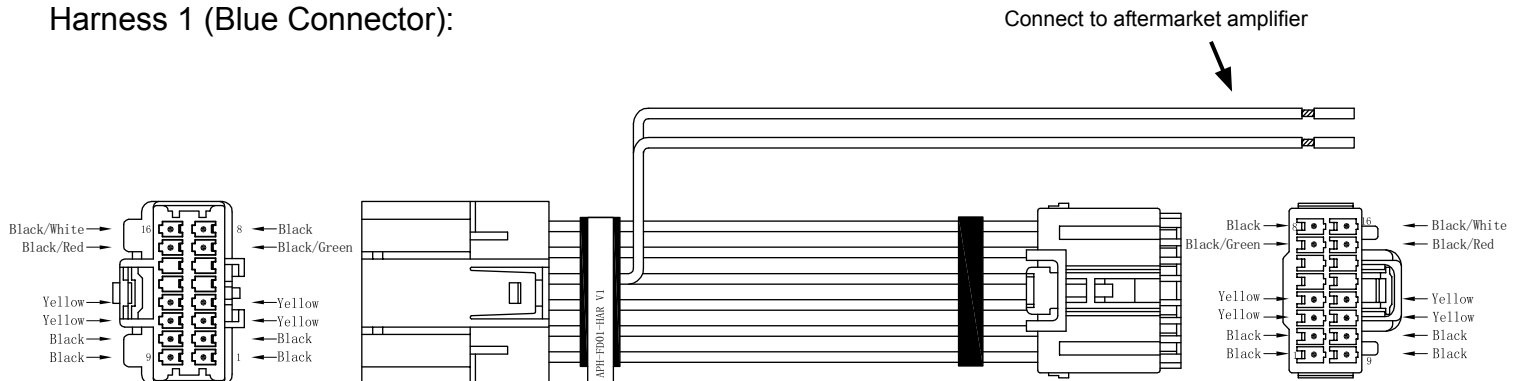
1. It is always best to use a tone generator (PAC Part# TL-PTG2) to verify that the tables in this manual, and the labels on the wires, match the wiring in your specific vehicle.
2. Connection of the Gray 16-pin connector from the APH-FD01 to the factory amplifier is only necessary if you wish for factory warning chimes to be retained by the aftermarket amplifier. When this harness is not connected to the factory amplifier, or the resistors are removed, the chimes will default to a smaller piezo speaker located in the upper dash and will no longer play through the sound system.
3. If you are leaving any of the factory speakers connected to the factory amplifier, simply connect the speaker wires (color for color) between the male and female connectors. For example: If you want the rear speakers to be powered by the factory amplifier, simply connect the Green, Green / Black, Purple and Purple / Black wires from the male connector to the Green, Green / Black, Purple and Purple / Black wires from the female connector. **Be sure to remove the 47Ω 5W resistors when connecting these wires together.**

## Installation Steps

1. Locate the vehicle factory amplifier and disconnect the Blue 16-pin and Gray 16-pin connectors.
2. Connect the APH-FD01 harness to the connectors that were disconnected in the previous step.
3. Connect the male connectors from the APH-FD01 to the amplifier.
4. Connect the longer loose wires from the APH-FD01 to your aftermarket amplifier or passive crossovers according to the tables in this manual.

## Wiring Overview

### Harness 1 (Blue Connector):

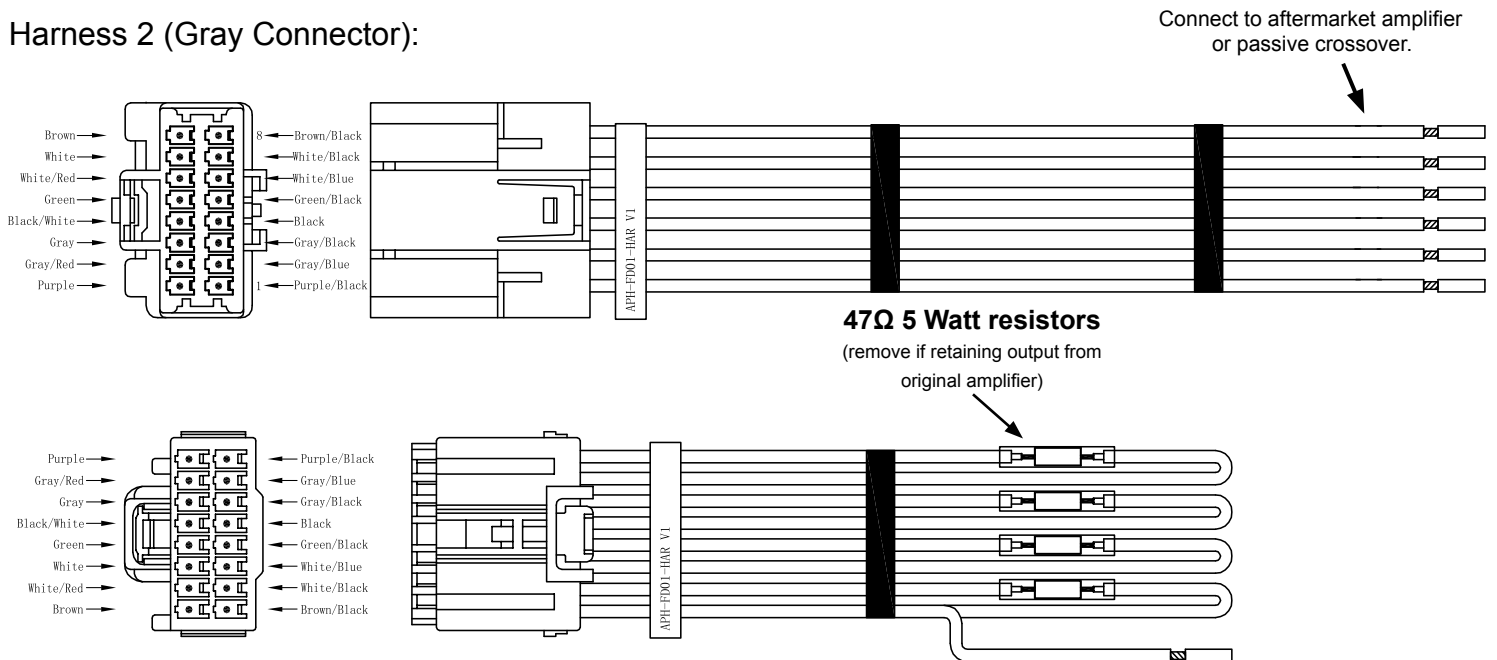


Pin Number	Wire Color	Wire Description	Label
1	Black	Pass through	
2	Black	Pass through	
3	Yellow	Pass through	
4	Yellow	Pass through	
9	Black	Pass through	
10	Black	Pass through	
11	Yellow	Pass through	
12	Yellow	Pass through	
15	Black / Red	Subwoofer Speaker 2 Positive	Subwoofer 2
7	Black / Green	Subwoofer Speaker 2 Negative	
16	Black / White	Subwoofer Speaker 1 Positive	Subwoofer 1
8	Black	Subwoofer Speaker 1 Negative	



## Wiring Overview (cont.)

### Harness 2 (Gray Connector):



Pin Number	Wire Color	Wire Description	Label
1	Purple / Black	Right Rear Speaker Negative (RR-)	Right Rear Speaker
9	Purple	Right Rear Speaker Positive (RR+)	
2	Gray / Blue	Right Front Tweeter -	Right Front Tweeter
10	Gray / Red	Right Front Tweeter +	
3	Gray / Black	Right Front Speaker Negative (RF-)	Right Front Midrange
11	Gray	Right Front Speaker Positive (RF+)	
4	Black	For Future Use	
12	Black / White	For Future Use	
5	Green / Black	Left Rear Speaker Negative (LR-)	Left Rear Speaker
13	Green	Left Rear Speaker Positive (LR+)	
6	White / Blue	Left Front Tweeter -	Left Front Tweeter
14	White / Red	Left Front Tweeter +	
7	White / Black	Left Front Speaker Negative (LF-)	Left Front Midrange
15	White	Left Front Positive (LF+)	
8	Brown / Black	Center Channel -	Center Channel
16	Brown	Center Channel +	