

## 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

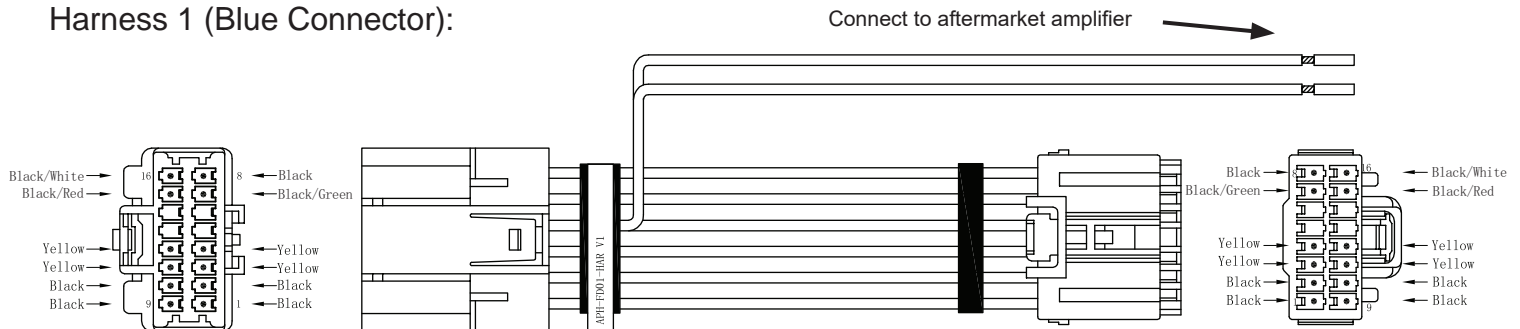
1. It is always best to use a tone generator (PAC Part# TL-PTG2) to verify that the tables in this manual, and the labels on the wires, match the wiring in your specific vehicle.
2. Connection of the Gray 16-pin connector from the APH-FD01 to the factory amplifier is only necessary if you wish for factory 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 small 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

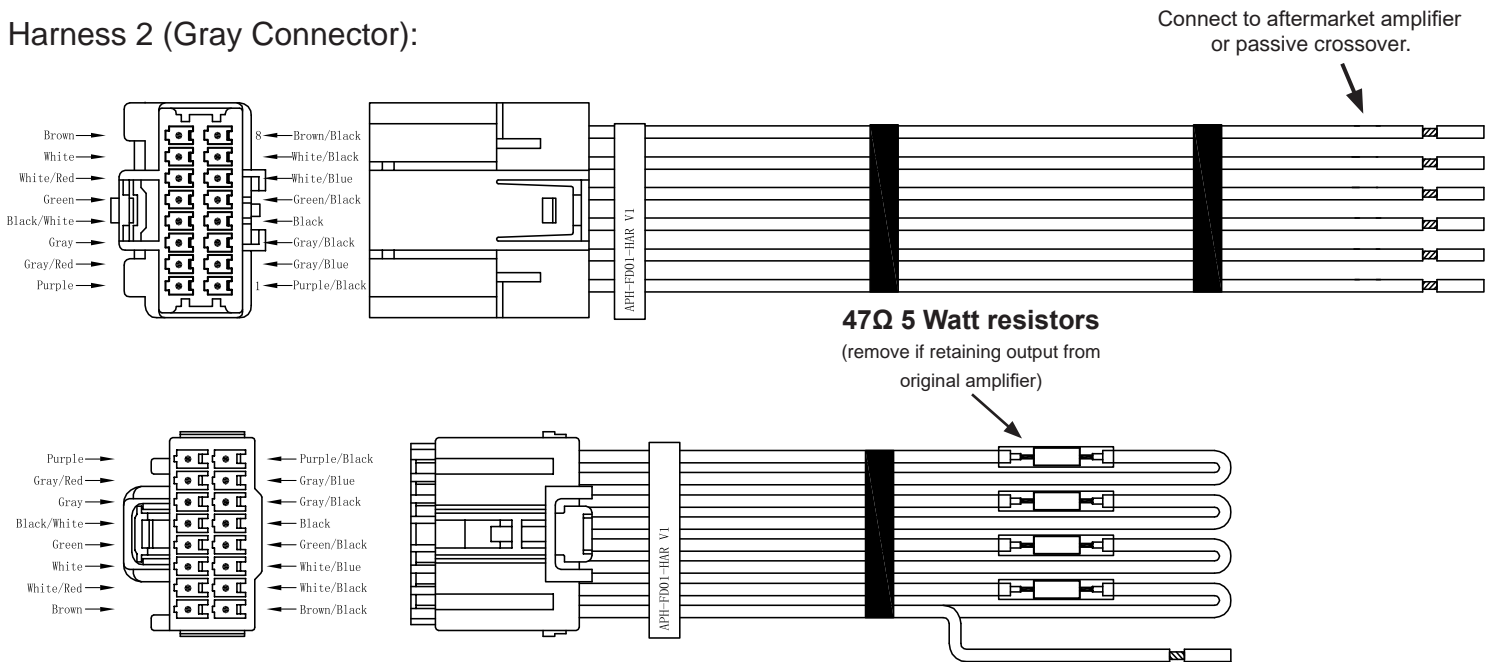
Harness 1 (Blue Connector):



Pin Number	Wire Color	Wire Description	Label
1	Black	Pass Through	N/A
2	Black	Pass Through	
3	Yellow	Pass Through	N/A
4	Yellow	Pass Through	
9	Black	Pass Through	N/A
10	Black	Pass Through	
11	Yellow	Pass Through	N/A
12	Yellow	Pass Through	
15	Black / Red	Subwoofer Speaker 2 (+)	Subwoofer 2
7	Black / Green	Subwoofer Speaker 2 (-)	
16	Black / White	Subwoofer Speaker 1 (+)	Subwoofer 1
8	Black	Subwoofer Speaker 1 (0)	

## Wiring Overview (cont.)

### Harness 2 (Gray Connector):



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

# APH-FD01 Installation Diagram

AmpPRO Harness allows you to use your factory speaker wiring without cutting it.

## APH-FD01 Harness 16-pin BLUE harness.

This harness is only used if you are adding an aftermarket amplifier and replacing the subwoofer in the factory (OE) subwoofer location and want to use the OE wiring. (Not typical installation)

