

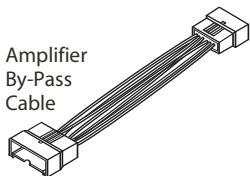


**INSTALLATION
INSTRUCTIONS
70-5513/70-5514
AW-WHFPS/CK-WHFPS
DW-5514**

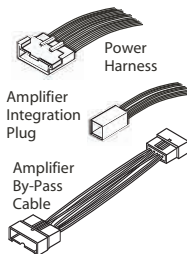
***Ford Premium Sound System Harness
to Bypass or Integrate Factory Audio
Components with Aftermarket Audio
Components***

KIT COMPONENTS

70-5513

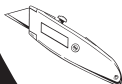


**70-5514/AW-WHFPS
CK-WHFPS/DW-5514**



TOOLS REQUIRED FOR INSTALLATION

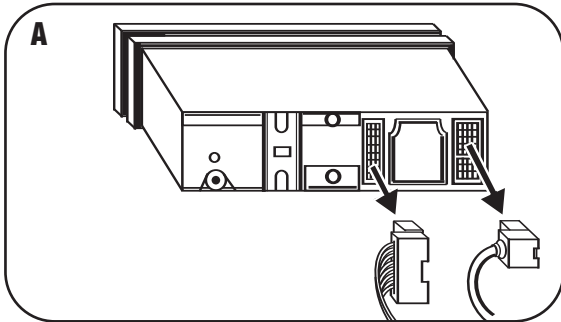
- Cutting Tool • Tape • Crimping Tool • Connectors



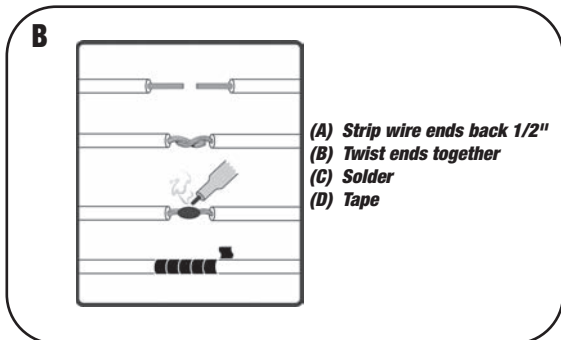
70-5514/AW-WHFPS/CK-WHFPS/DW-5514

TO INSTALL AN AFTERMARKET RADIO WHILE KEEPING THE FACTORY AMPLIFIER AND SPEAKERS

- 1 Disconnect the negative battery terminal to prevent an accidental short circuit.
- 2 Unplug the power and output connectors from the factory radio. (Figure A)



- 3 Splice the wire from the aftermarket radio to the power and amplifier integration harnesses using the color code on back cover and the instructions included with the aftermarket radio. (Figure B)

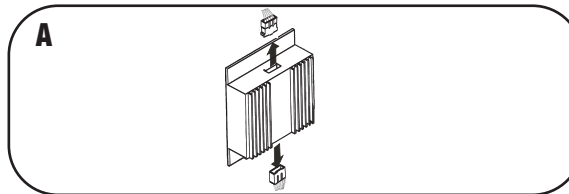


- 4 Plug the power and amplifier integration harnesses into the factory power and output connectors.
- 5 Re-connect the negative battery terminal and test the unit for proper operation.

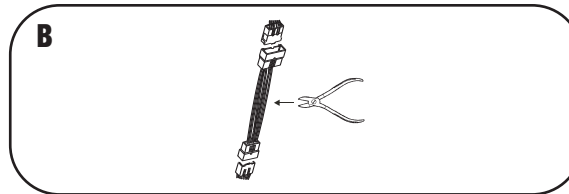
70-5513 70-5514/AW-WHFPS/CK-WHFPS/DW-5514

TO INSTALL AN AFTERMARKET AMPLIFIER WHILE KEEPING THE FACTORY RADIO AND SPEAKERS

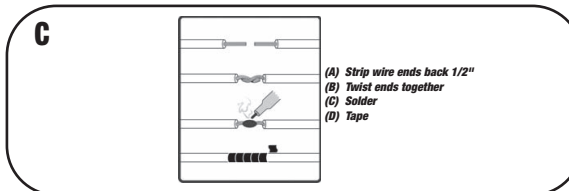
- 1 Disconnect the negative battery terminal to prevent an accidental short circuit.
- 2 Unplug the input/output connectors from the factory amplifier. (Most amps are located in the passenger rear or behind the dash. Contact Metra's Technical Support for further assistance). (Figure A)



- 3 Join the input/output connectors together using the **Amplifier By-Pass Cable** and cut the cable in half. (Figure B)



- 4 Splice the wires in the cable to the wires on the new aftermarket amplifier using the color code chart on back cover and the instructions included with the amplifier. (Figure C)

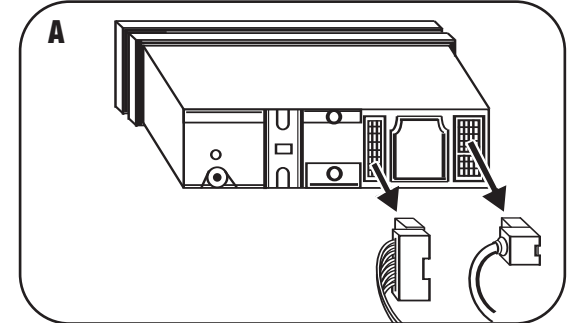


- 5 Re-connect the negative battery terminal and test the unit for proper operation.

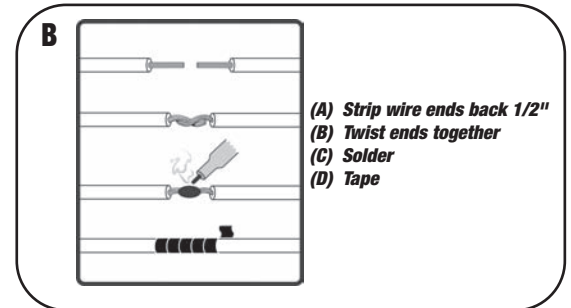
70-5514/AW-WHFPS/CK-WHFPS/DW-5514

TO INSTALL AN AFTERMARKET RADIO WHILE KEEPING THE FACTORY SPEAKERS AND BYPASSING THE FACTORY AMPLIFIER

- 1 Disconnect the negative battery terminal to prevent an accidental short circuit.
- 2 Unplug the power and output connectors from the factory radio. (Figure A)



- 3 Splice the wire from the aftermarket radio to the power and amplifier integration harnesses using the color code on the back cover and the instructions included with the aftermarket radio. (Figure B)

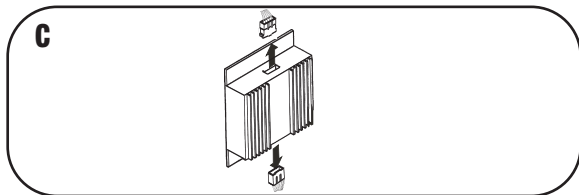


- 4 Plug the power and amplifier integration harnesses into the factory power and output connectors.

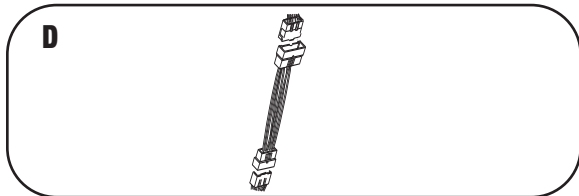
70-5514/AW-WHFPS/CK-WHFPS/DW-5514

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- 5 Unplug the input/output connectors from the factory amplifier. (Most amps are located in the passenger rear or behind the dash. Contact Metra's Technical Support for further assistance.) (Figure C)



- 6 Join the input/output connectors together using the **Amplifier By-Pass Cable**. (Figure D)



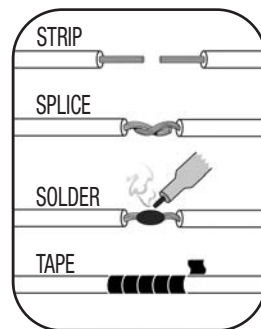
- 7 Re-connect the negative battery terminal and test the unit for proper operation.

FINAL WIRING CONNECTIONS

Make wiring connections using the EIA color code chart shown below and the instructions included with the head unit. Metra recommends making connections as shown below; Strip, Splice, Solder, Tape. Isolate and individually tape off ends of any unused wires to prevent electrical short circuit.

METRA / EIA WIRING CODE

12V Ignition / Acc.	Red
12V Batt / Memory	Yellow
Ground	Black*
Power Antenna	Blue
Amp Turn-On	Blue / White
Amp Ground	Black / White
Illumination	Orange
Dimmer	Orange / White
Right Front (+)	Gray
Right Front (-)	Gray / Black
Left Front (+)	White
Left Front (-)	White / Black
Right Rear (+)	Violet
Right Rear (-)	Violet / Black
Left Rear (+)	Green
Left Rear (-)	Green / Black



***NOTE:** When Black wire is not present, ground radio to vehicle chassis. All colors may not be present on all leads due to manufacturer's specifications.