

AX-DSP T-Harness

The Axxess T-harness is a basic and simple plug-n-play harness for easy installation of the **AX-DSP** (sold separately) for vehicle specific applications. Most T-harnesses created by Axxess will either have a 4-pin or 8-pin harness, with the speaker wires pinned. If you are installing a 4-channel amplifier with the **AX-DSP**, leave these connectors disconnected. The only reason for connecting these harnesses together would be if the AX-DSP is being used for adding a subwoofer amplifier only. Some T-harnesses require additional wiring and/or installation steps. Refer to the following page for a pinout legend for the 20-pin harness, and also additional wiring and notes.

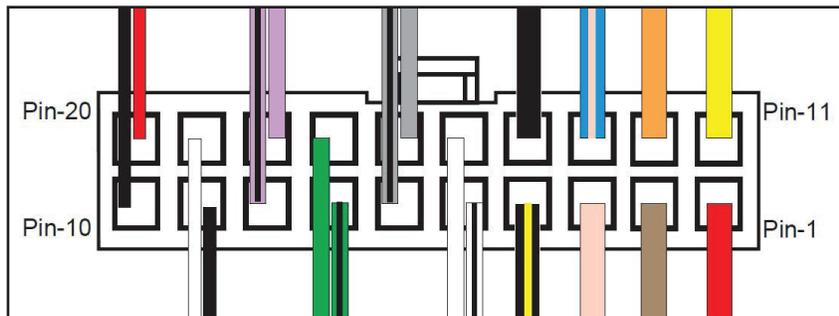
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Attention! Let the vehicle sit with the key out of the ignition for a few minutes before removing the factory radio. When testing the aftermarket equipment, ensure that all factory equipment is connected before cycling the key to ignition.

20-PIN HARNESS PINOUT

Pin-1	Red	Accessory Power	Pin-11	Yellow	Battery Power
Pin-2	Brown	Not Applicable	Pin-12	Orange	Control Wire for the AX-BASSKNOB
Pin-3	Pink	CAN-HI (CAN +)	Pin-13	Blue/Pink	CAN-LO (CAN -)
Pin-4	Black/Yellow	Future Use	Pin-14	Black	Ground
Pin-5	White/Black	Front Left Speaker (-)	Pin-15	White	Front Left Speaker (+)
Pin-6	Gray/Black	Front Right Speaker (-)	Pin-16	Grey	Front Right Speaker (+)
Pin-7	Green/Black	Rear Left Speaker (-)	Pin-17	Green	Rear Left Speaker (+)
Pin-8	Purple/Black	Rear Right Speaker (-)	Pin-18	Purple	Rear Right Speaker (+)
Pin-9		RCA Input 5 (-)	Pin-19		RCA Input 5 (+)
Pin-10		RCA Input 6 (-)	Pin-20		RCA Input 6 (+)



Wire View of Harness

ADDITIONAL WIRING & NOTES

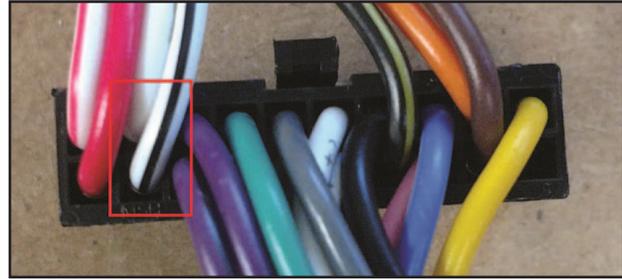
AX-DSP-CH5: There will be an extra harness included that will need to be connected to allow audio from the radio when installing the **AX-DSP** and a 4-channel amplifier. Newer Chrysler radios need a load on the speaker lines to provide audio out. This extra harness provides that resistor load.

AX-DSP-FD2: If the vehicle is equipped with navigation and/or SYNC 3, connect the **White** and **White/Black** wires from the 54-pin harness, (normally found at the LCD screen), to the **White** and **White/Black** wires from the 20-pin harness. Then connect the 54-pin harness to the wiring harness in the vehicle.

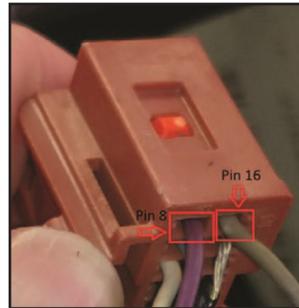
AX-DSP-GMLAN01: Some extra wiring to the factory harness will be required. The **White** and **White/Black** wires from the 20-pin connector on the T-harness will need to be spliced into the factory wiring. The splicing will be done at the **Brown** connector behind the radio, on the back side of the connector (where the wires insert into it). The wire cavities will be numbered. Bear in mind that the colors from the **Brown** connector may not exactly match the picture.

- Connect the **White** wire from the 20-pin T-harness to pin-8 from the **Brown** factory connector. (Figures A & B)
- Connect the **White/Black** wire from the 20-pin T-harness to pin-16 from the **Brown** factory connector. (Figures A & B)

AX-DSP-HD2: Harley Davidson radios come pre-programmed with a preset EQ that cannot be changed without flashing the radio. Only an authorized Harley Davidson Dealer can flash the radio and flatten the factory EQ curve. Ask the Dealer to flash the radio to a flat EQ curve. Without performing this task, the AX-DSP will not sound proper, and be very distorted.



(Figure A)



(Figure B)



AX-DSPHNS

INSTALLATION INSTRUCTIONS



If you are having difficulties with the installation of this product, contact our Tech Support line either by phone at **1-800-253-TECH**, or email at **techsupport@metra-autosound.com**. Before doing so, look over the instruction booklet a second time and ensure that the installation was performed exactly as the instruction booklet is stated. Have the vehicle apart and ready to perform troubleshooting steps before contacting Metra/Axxess Tech Support.



KNOWLEDGE IS POWER

Enhance your installation and fabrication skills by enrolling in the most recognized and respected mobile electronics school in our industry. Log onto www.installerinstitute.com or call 800-354-6782 for more information and take steps toward a better tomorrow.



Metra recommends MECP certified technicians