

17 Factory plugs (seen from wired end/back of factory radio)

| Yellow Plug | | Green Plug | | Blue Plug | | |
|-------------|----|------------|-----|-----------|-----|-----|
| C1 | C4 | D7 | D10 | E13 | E16 | E19 |
| C3 | C6 | D9 | D12 | E15 | | E18 |
| C2 | C5 | D8 | D11 | E14 | E17 | E20 |

| Brown Plug | | | |
|------------|----|----|----|
| B1 | B3 | B5 | B7 |
| B2 | B4 | B6 | B8 |

| Black Plug | | | |
|------------|----|----|----|
| A1 | A3 | A5 | A7 |
| A2 | A4 | A6 | A8 |

Black Plug (Power):

| | | |
|----|-----------------|---------|
| A1 | Speedometer A | GRY/PNK |
| A2 | N/C | |
| A3 | Mute | YLW/BLK |
| A4 | Continuous +12V | RED/BLK |
| A5 | Antenna +12V | WHT |
| A6 | Dimmer | GRY/BLU |
| A7 | Switched +12V | ORG |
| A8 | Ground | BRN |

Brown Plug (Speakers):

| | | |
|----|-----------------------|---------|
| B1 | Speaker Rear Right + | VIO/BLK |
| B2 | Speaker Rear Right - | VIO |
| B3 | Speaker Front Right + | GRY/BLK |
| B4 | Speaker Front Right - | GRY |
| B5 | Speaker Front Left + | WHT/BLK |
| B6 | Speaker Front Left - | WHT |
| B7 | Speaker Rear Left + | GRN/BLK |
| B8 | Speaker Rear Left - | GRN |

Yellow Plug (Amplifier):

| | | |
|----|--------------------------|---------|
| C1 | Line Out Rear Left + | |
| C2 | Line Out Rear Right + | |
| C3 | Line Out Ground | |
| C4 | Line Out Front Left + | |
| C5 | Line Out Front Right + | |
| C6 | Amplifier Remote On +12V | BLK/RED |

Green Plug (CD Changer):

| | | |
|-----|--------|-----|
| D7 | Bus On | BLU |
| D8 | +12V | RED |
| D9 | Ground | BLK |
| D10 | Data | GRN |
| D11 | Clock | YLW |

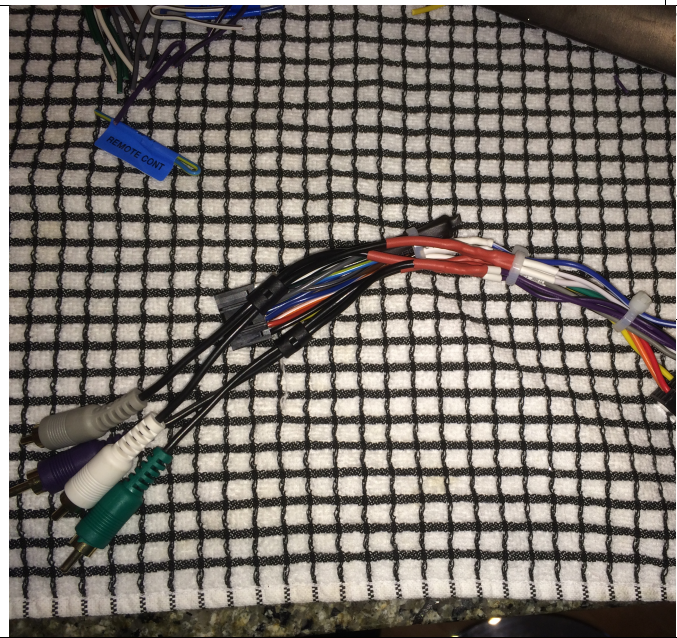
| | | D12 | Reset | VIO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|------------------|---------|--|----|----|----|----|----|----|----|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|---------------|----|---------|-----|----|-----|--------|----|---------|-----|----|---------------|--------|----|---------|-----|----|-------------|---------|----|-------------------|-----|----|------------|-----|
| | | Blue Plug (Telephony): | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | E13 | Telephone | BLU/GRN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | E14 | Telephone Ground | BLU/YLW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | E15 | N/C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | E16 | N/C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | E17 | N/C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | E18 | LF Front Ground | BRN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | E19 | LF Front Left | BLK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | E20 | LF Front Right | RED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | Metra VW9000 connections | Metra VW9000 lower to Kenwood harness | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Top set of connectors (corresponds to factory brown connector) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B1 | B3 | B5 | B7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B2 | B4 | B6 | B8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Metra Pin | Metra Color | Kenwood Color | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A1 | N/C | N/C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A2 | N/C | N/C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A3 | N/C | N/C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A4 | CONT +12V RED | YLW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A5 | N/C | N/C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A6 | DIM ORG/WHT | ORG/WHT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A7 | SWITCHED +12V YLW | RED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A8 | GROUND BLK | BLK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Lower set of connectors (corresponds to factory black connector) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A1 | A3 | A5 | A7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A2 | A4 | A6 | A8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Metra Pin | Metra Color | RCA Plug | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B1 | PUR/BLK | PUR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B2 | PUR | Copper | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B3 | GRY/BLK | BRY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B4 | GRY | Copper | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B5 | WHT/BLK | WHT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B6 | WHT | Copper | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Metra VW9000 upper to RCA plugs from Metra 70-1787 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | |
|----|---------|--------|
| B7 | GRN/BLK | GRN |
| B8 | GRN | Copper |

The BLU/WHT wire from the Metra 70-1787 red plug connects to the BLU/WHT Power Control (PCONT) wire on the Kenwood harness.

Note that the continuous +12V and switched +12V wire colors are reversed on Kenwood harness. If you connect same color to same color for these, the radio will not remember its settings.

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This is the completed harness. It is pretty short so that the slack will fit behind the dashboard and allow the head unit to be pushed home.

I soldered each wire together and used heat shrink tubing to cover the soldered joints and provide structural integrity. I shortened the unused wires from the Kenwood harness and bound them together with heat shrink. Finally, I used three zip ties to made the entire harness act as one. If you need help with this, please refer to this excellent video from [Sonic Electronix](#).