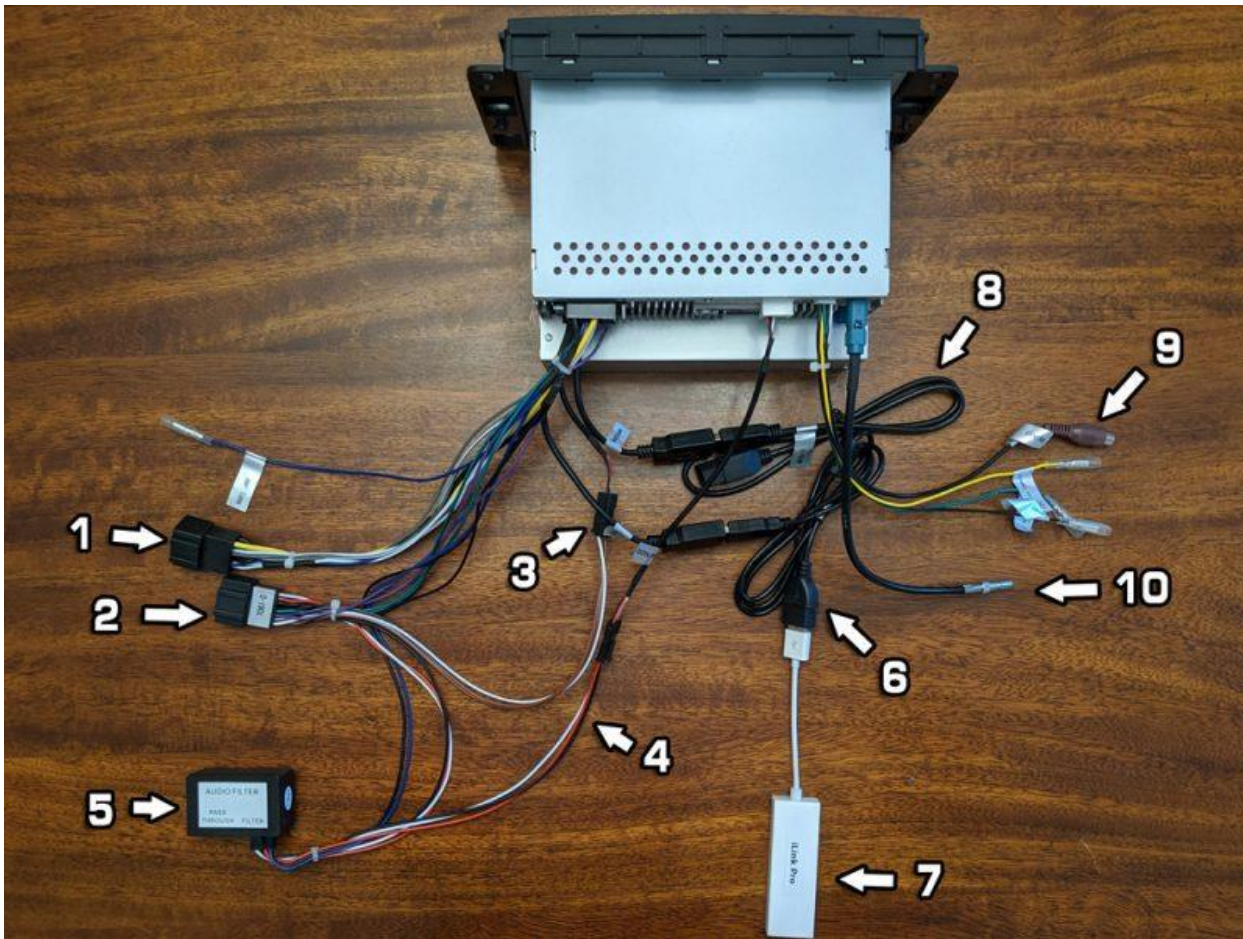


# Dynavin N7-GM2007 PRO Parts & Wiring

## Non-Bose System Connections



1. POWER/DATA HARNESS – CONNECT TO FACTORY “X1” (BLACK) PLUG
2. SPEAKER OUTPUT HARNESS – CONNECT TO FACTORY “X2” (BLACK,PURPLE OR YELLOW) PLUG
3. STEERING WHEEL CONTROL CONNECTION
4. FACTORY XM HARNESS (USE IF FACTORY XM IS PRESENT)
5. FACTORY XM NOISE FILTER (USE IF FACTORY XM IS PRESENT)
6. MEDIA USB EXTENSION HARNESS
7. ILINK PRO ADAPTER
8. FACTORY USB ADAPTER HARNESS (USE IF FACTORY USB IS PRESENT)
9. REAR CAMERA INPUT HARNESS (IF REAR CAMERA IS PRESENT)
10. FACTORY RADIO ANTENNA ADAPTER

### NOTES:

**MAIN HARNESS CONNECTORS (1) & (2):** 1 & 2 plug into the male plugs that were plugged into the factory radio and can only connect one way as they are keyed for the proper plugs.

**STEERING WHEEL CONTROL HARNESS (3):** Should always be plugged in if you have steering wheel controls.

**FACTORY XM HARNESS (4):** Should be plugged in only if you have factory XM. If you DO NOT have factory XM,

# Dynavin N7-GM2007 PRO Parts & Wiring

the aftermarket Sirius/XM tuner harness should be used.

**FACTORY XM NOISE FILTER (5):** Should always be used if you have factory XM.

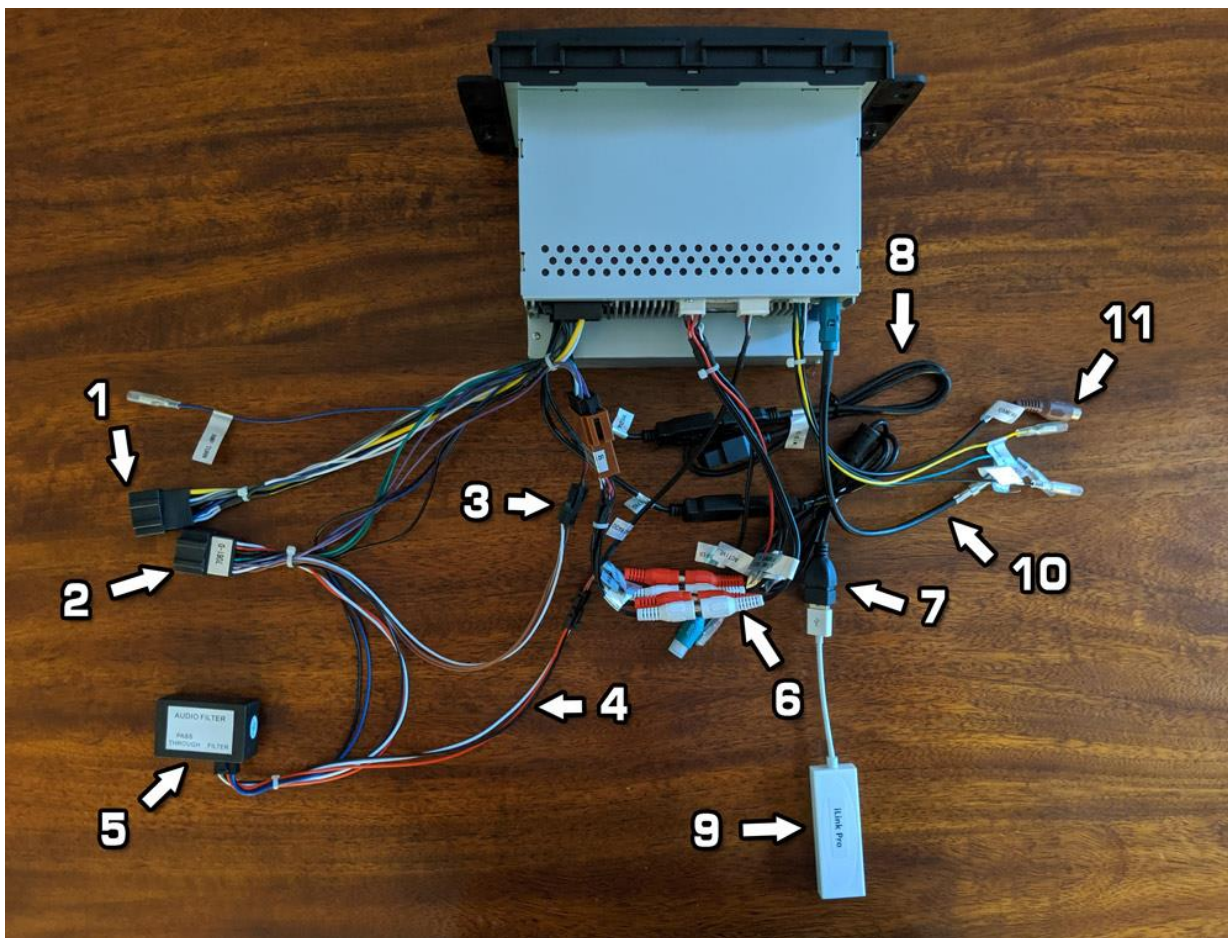
**USB HARNESSES (6) & (8):** Harness/connector 6 should be connected to the factory USB port. If you DO NOT have the factory USB, you can add the M-F USB extension to BOTH the MEDIA and iLINK PRO USB inputs.

**ILINK PRO ADAPTER (7):** The iLink Pro adapter is used for Car Play and Android Auto operation and is required whenever those apps are used. You will plug the iLink Pro adapter into the MEDIA USB input, then plug your phone charging cable into the iLink Pro adapter. NOTE: Use the charging cable that came with your phone to insure maximum compatibility.

**RCA CAMERA CONNECTOR (9):** Rear camera input. if your factory camera display is in the mirror, it can be wired into the radio very easily – see the “Camera Wiring Tips” tab for further instructions.

**ANTENNA CONNECTOR (10):** Plugs into the factory radio antenna (round black plug with female socket)

## Bose System Connections



1. POWER/DATA HARNESS – CONNECT TO FACTORY “X1” (BLACK) PLUG
2. SPEAKER OUTPUT HARNESS – CONNECT TO FACTORY “X2” (BLACK,PURPLE OR YELLOW) PLUG
3. STEERING WHEEL CONTROL CONNECTION
4. FACTORY XM HARNESS (USE IF FACTORY XM IS PRESENT)

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5. FACTORY XM NOISE FILTER (USE IF FACTORY XM IS PRESENT)
6. LOW-LEVEL OUTPUT RCA HARNESS / BOSE AMP RETENTION HARNESS
7. MEDIA USB EXTENSION HARNESS
8. FACTORY USB ADAPTER HARNESS (IF FACTORY USB IS PRESENT)
9. ILINK PRO DONGLE
10. FACTORY RADIO ANTENNA ADAPTER
11. REAR CAMERA INPUT HARNESS (IF PRESENT)

## NOTES:

**MAIN HARNESS CONNECTORS (1 & 2):** POWER/DATA HARNESS 1 & SPEAKER OUTPUT HARNESS 2 plug into the male plugs that were plugged into the factory radio and can only connect one way as they are keyed for the proper plugs.

**STEERING WHEEL CONTROL HARNESS (3):** Should always be plugged in if you have steering wheel controls.

**FACTORY XM HARNESS (4):** Should be plugged in only if you have factory XM. If you DO NOT have factory XM, the aftermarket Sirius/XM tuner harness should be used.

**FACTORY XM NOISE FILTER (5):** Should always be used if you have factory XM.

**BOSE AMP/LOW LEVEL OUTPUT HARNESSES(6):** Amp retention harness is used with a Bose amplified system in order to send low-level (pre-amp) signal to factory Bose amp. NOTE: IF AMP RETENTION HARNESS IS NOT USED, CHIMES, TURN SIGNALS AND OVERALL VOLUME WILL BE UNBEARABLY LOUD!

**USB HARNESSES (7) & (8):** Harness/connector 5 should be used only if you have a factory USB port. If you DO NOT have the factory USB, you can add a M-F USB extension to BOTH the MEDIA and iLINK PRO USB inputs, though only one is provided.

**ILINK PRO ADAPTER (9):** The iLink Pro adapter is used for Car Play and Android Auto operation and is required whenever those apps are used. You will plug the iLink Pro adapter into the MEDIA USB input, then plug your phone charging cable into the iLink Pro adapter. NOTE: Use the charging cable that came with your phone to ensure maximum compatibility.

**ANTENNA CONNECTOR (10):** Plugs into the factory radio antenna (round black plug with female socket)

**RCA CAMERA CONNECTOR (11):** Rear camera input. If your factory camera display is in the mirror, it can be wired into the radio very easily – see the “Camera Wiring Tips” tab for further instructions. If your camera display is in the factory navigation screen, it can be hard-wired easily or add the optional “**Rear Camera Harness**” to your order for plug and play connection.

**NOTE ON FACTORY REAR ENTERTAINMENT:** If you have factory rear entertainment (factory-installed drop-down rear screen), you will need to use the “Rear A/V Output Harness” (harness #3 in the “COMPONENTS” image), and a factory rear entertainment retention harness (not supplied) in order to retain functionality of the screen. Add the optional “**Rear Entertainment Harness**” to your order to purchase this harness for plug and play connection.

**Rear console controls will be non-functional – rear screen output must be controlled from the radio.**

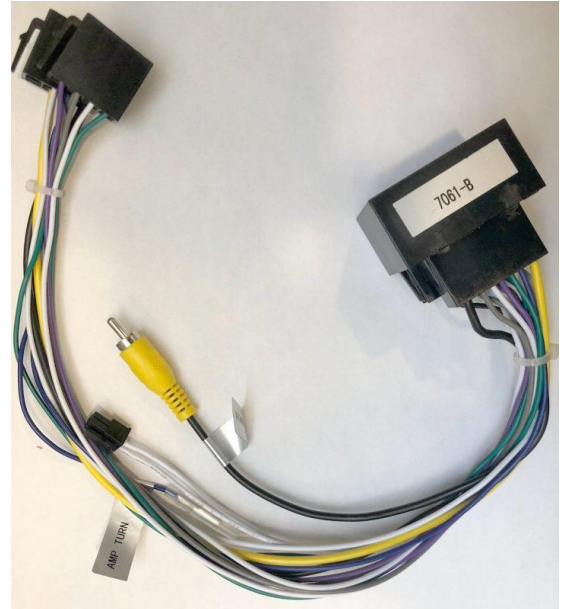
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## 2012-14 VEHICLES WITH FACTORY HDD NAVIGATION

2012-14 GM vehicles with the factory GM HDD (hard disc drive) navigation system will require a unique harness (*at right*) to interface with the 44-pin factory plug left over when the factory radio is unplugged.

**THIS ADAPTER IS NOT SUPPLIED AS A STANDARD ACCESSORY – WILL ONLY BE SUPPLIED WHEN REQUIRED!**

If your vehicle is a 2012-14 vehicle with factory HDD navigation, please note this in your order, and we will include the proper harness at no charge.



**NOTE ON FACTORY REAR ENTERTAINMENT:** If you have factory rear entertainment (factory-installed drop-down rear screen), you will need to use the “Rear A/V Output Harness” (harness #3 in the “COMPONENTS” image), and a factory rear entertainment retention harness (not supplied) in order to retain functionality of the screen. Add the optional “**Rear Entertainment Harness**” to your order to purchase this harness for plug and play connection.

**Rear console controls will be non-functional – rear screen output must be controlled from the radio.**