

Fig 1: Radio Circuit, Mid Level W/O Navigation & Amplifier (1 of 3)



Fig 2: Radio Circuit, Mid Level W/O Navigation & Amplifier (2 of 3)

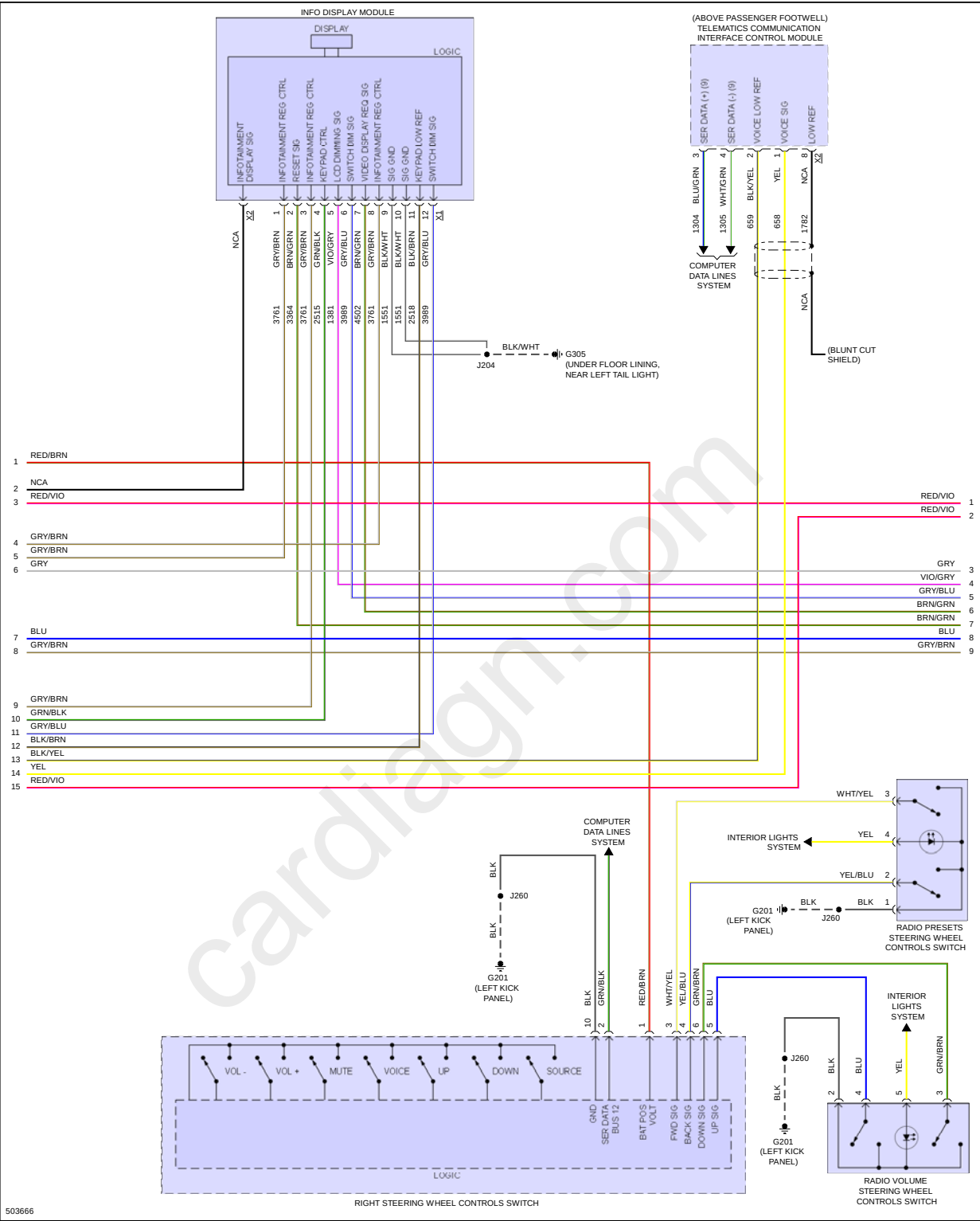


Fig 3: Radio Circuit, Mid Level W/O Navigation & Amplifier (3 of 3)

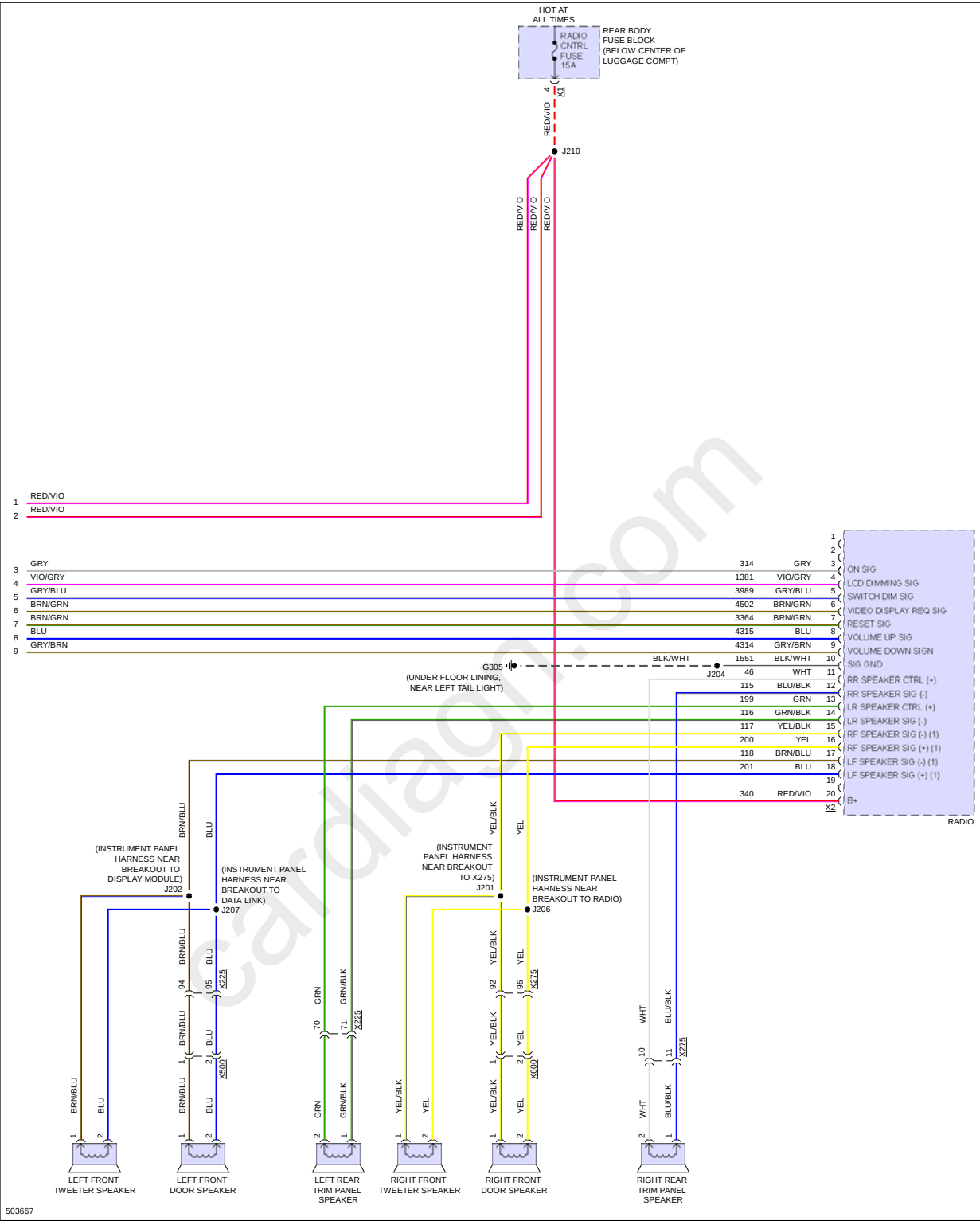


Fig 4: Radio Circuit, Mid Level W/O Navigation W/ Amplifier (1 of 4)

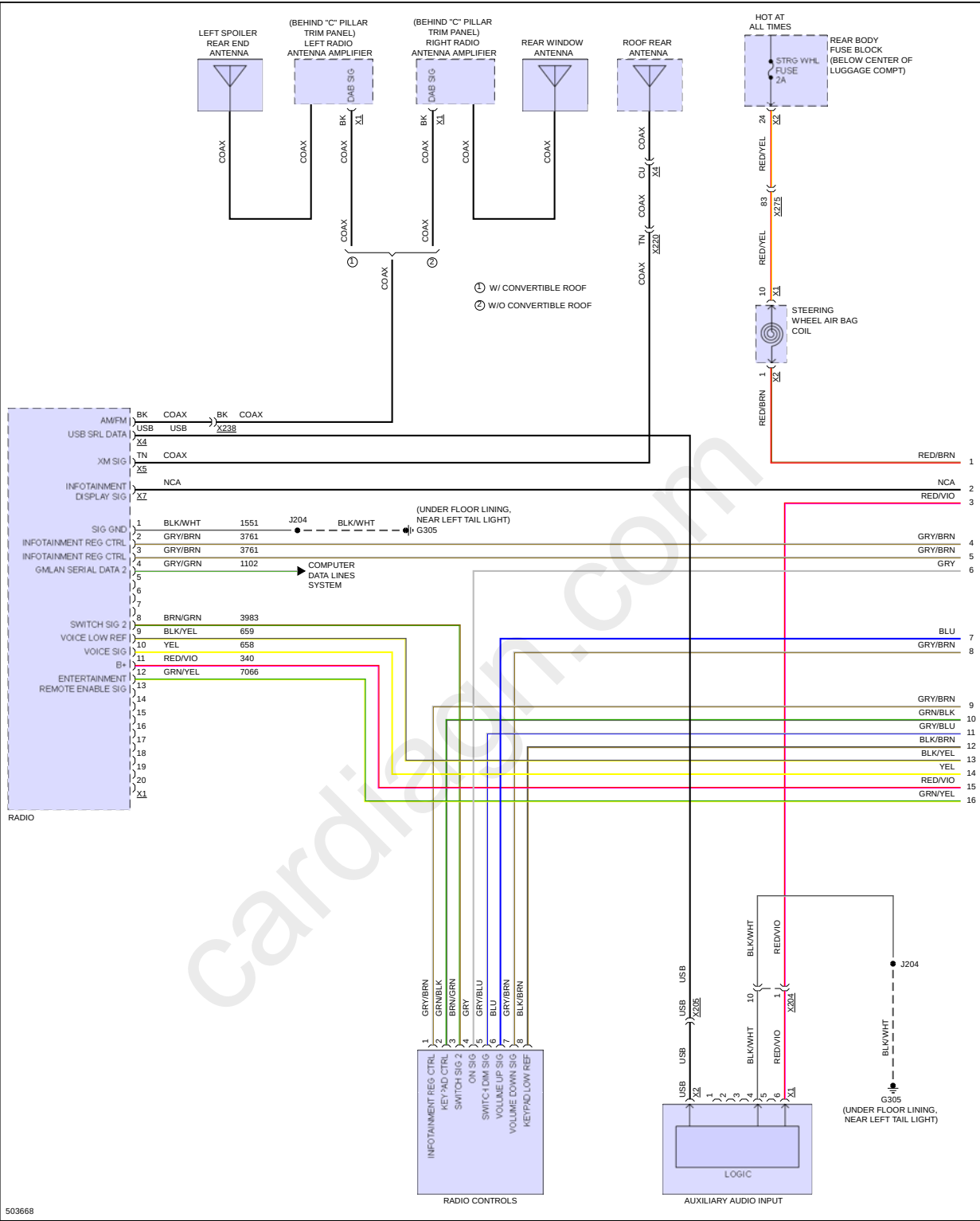


Fig 5: Radio Circuit, Mid Level W/O Navigation W/ Amplifier (2 of 4)

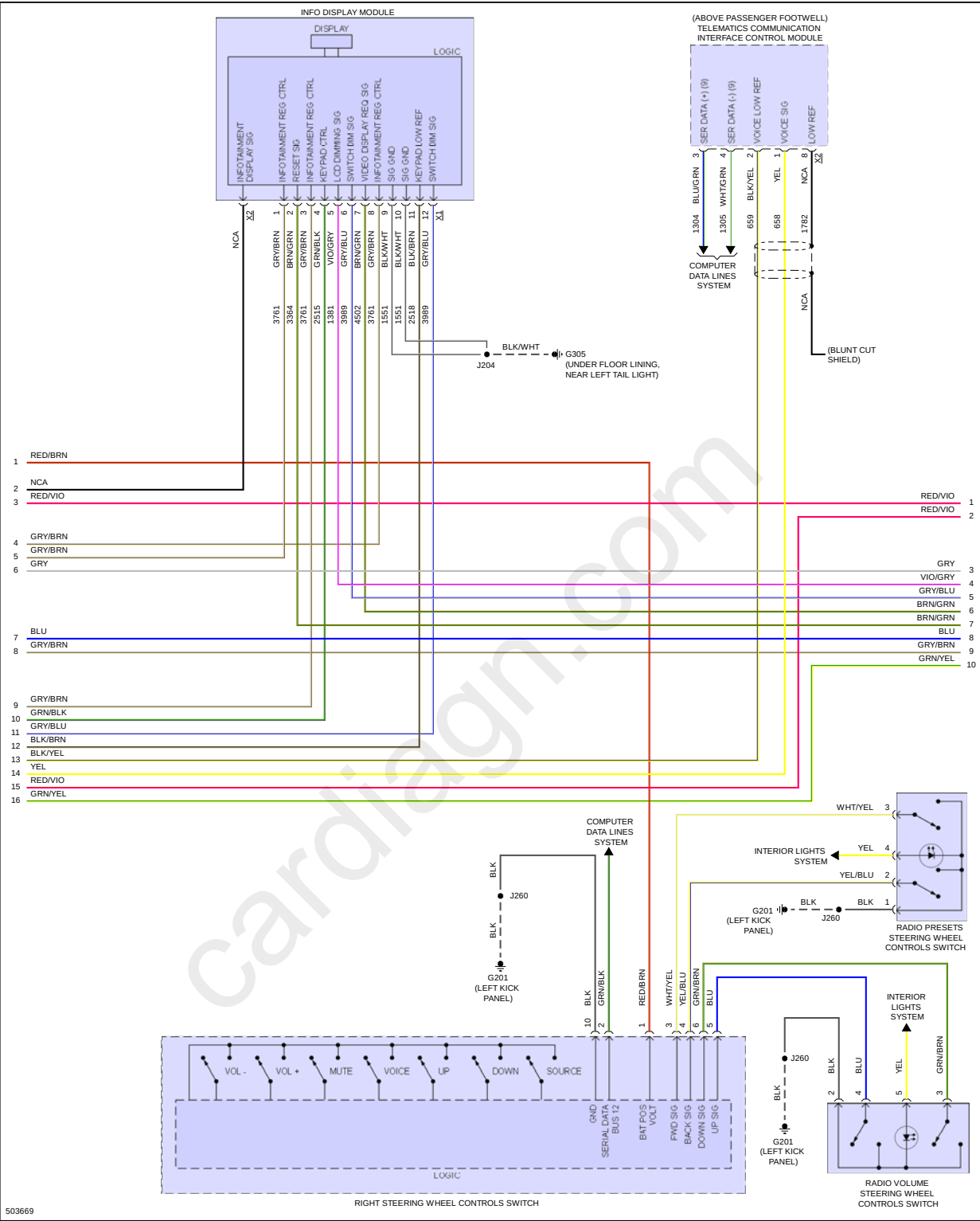


Fig 6: Radio Circuit, Mid Level W/O Navigation W/ Amplifier (3 of 4)

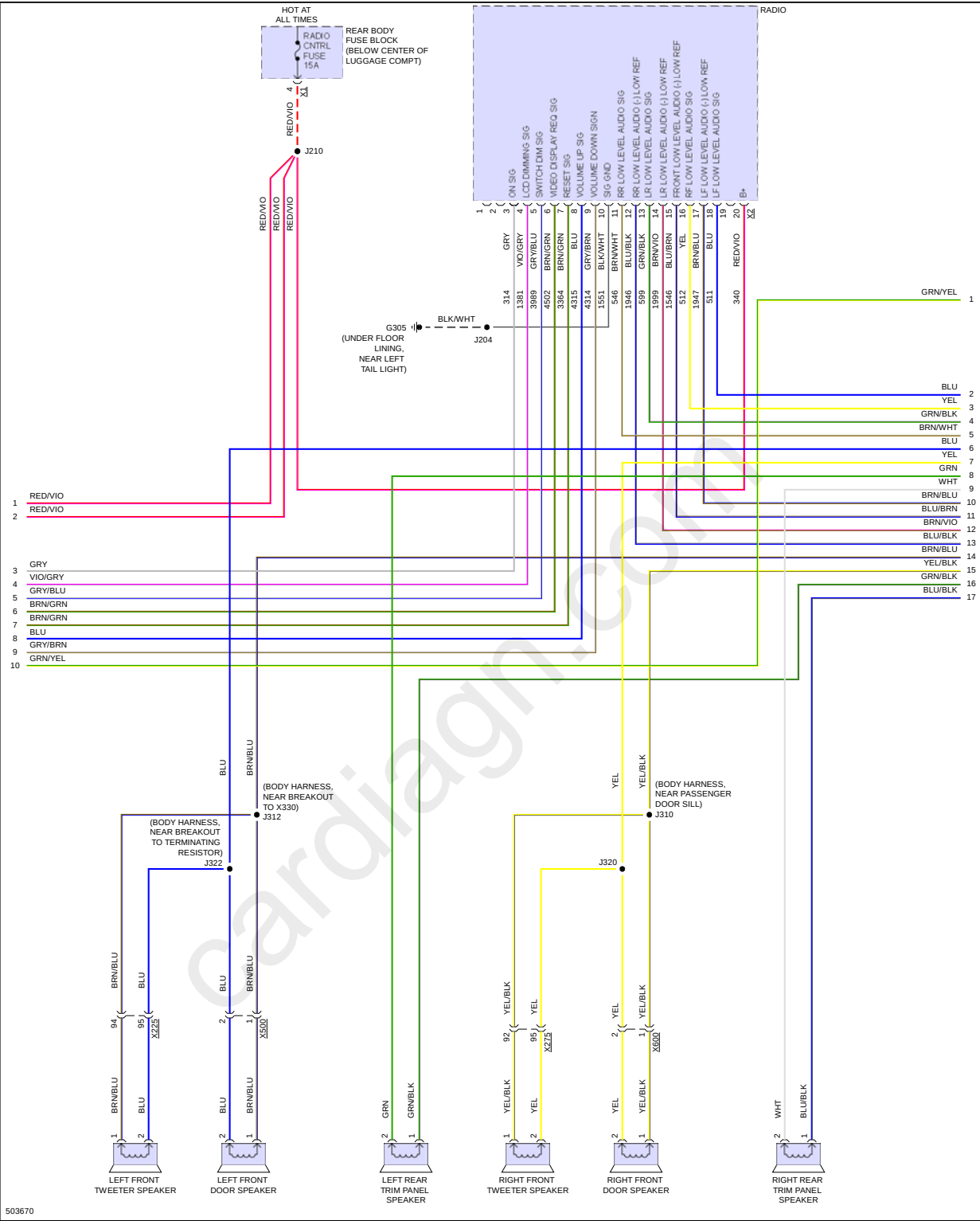
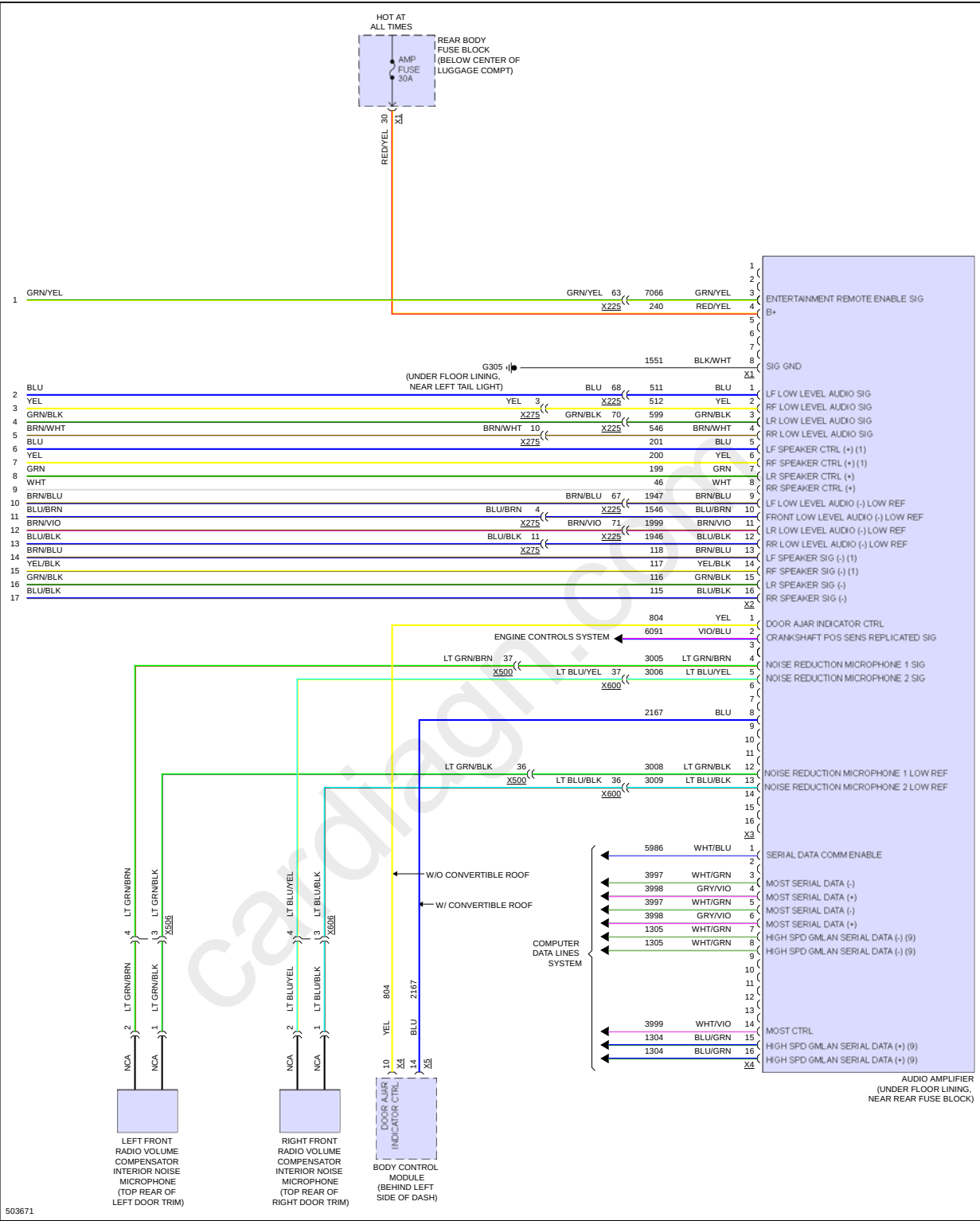


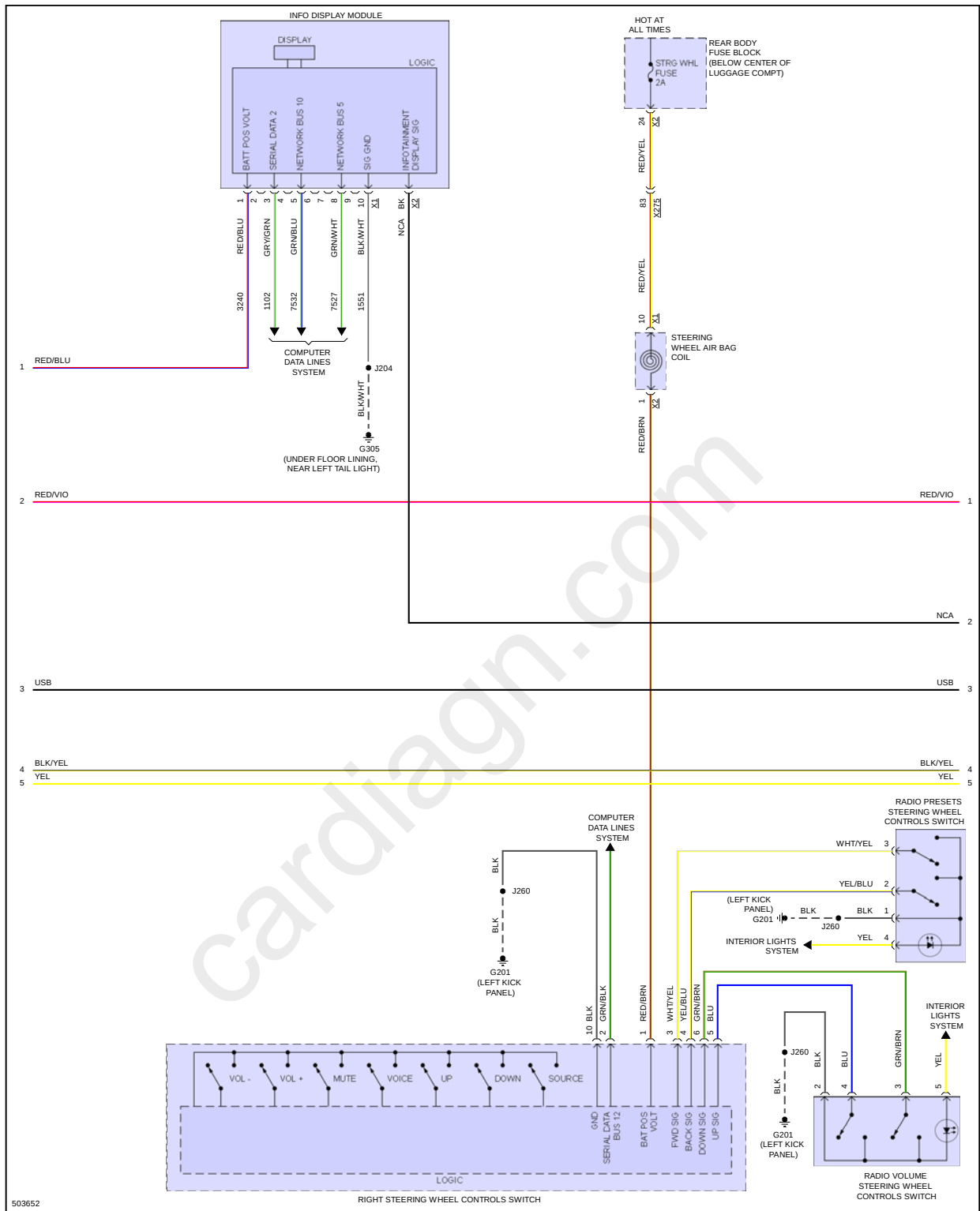
Fig 7: Radio Circuit, Mid Level W/O Navigation W/ Amplifier (4 of 4)



The diagram illustrates the electrical connections for a radio system. Key components and their connections include:

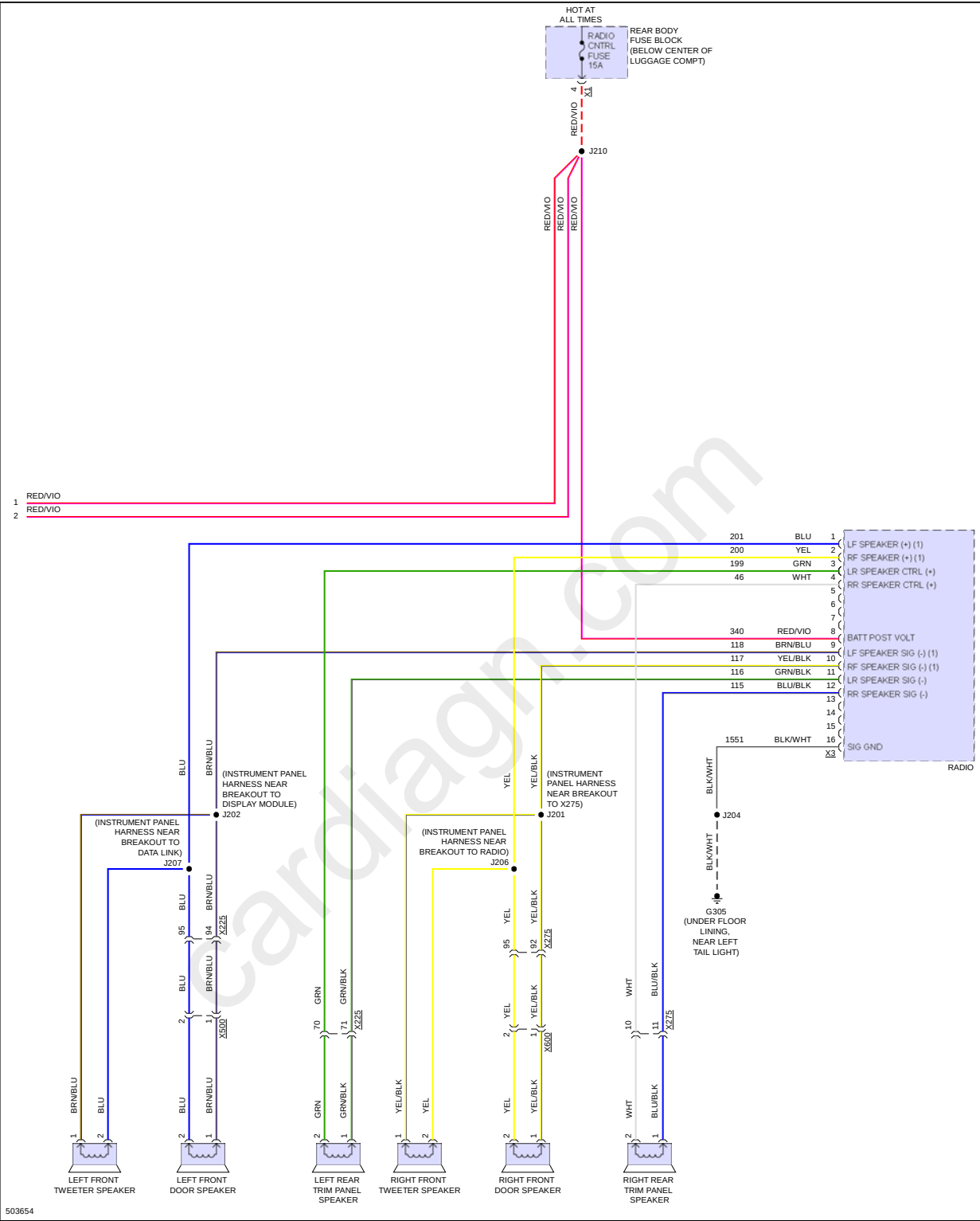
- Radio:**
 - FM2:** Connected to the antenna amplifier via a COAX cable (X1).
 - SERIAL DATA BUS 10:** Connected to the antenna amplifier via a COAX cable (X2).
 - SERIAL DATA 2:** Connected to the antenna amplifier via a COAX cable (X3).
 - LOW REF TELEPHONE VOICE SIG:** Connected to the antenna amplifier via a COAX cable (X4).
 - MOST SERIAL DATA (+):** Connected to the antenna amplifier via a COAX cable (X5).
 - MOST SERIAL DATA (-):** Connected to the antenna amplifier via a COAX cable (X6).
 - MOST CONTROL:** Connected to the antenna amplifier via a COAX cable (X7).
- Antenna Amplifier:**
 - FM2:** Connected to the antenna amplifier via a COAX cable (X1).
 - FM2:** Connected to the antenna amplifier via a COAX cable (X2).
 - FM2:** Connected to the antenna amplifier via a COAX cable (X3).
 - FM2:** Connected to the antenna amplifier via a COAX cable (X4).
 - FM2:** Connected to the antenna amplifier via a COAX cable (X5).
 - FM2:** Connected to the antenna amplifier via a COAX cable (X6).
 - FM2:** Connected to the antenna amplifier via a COAX cable (X7).
- Rear Window Antenna:**
 - BLK:** Connected to the antenna amplifier via a COAX cable (X1).
 - BLK:** Connected to the antenna amplifier via a COAX cable (X2).
 - BLK:** Connected to the antenna amplifier via a COAX cable (X3).
 - BLK:** Connected to the antenna amplifier via a COAX cable (X4).
 - BLK:** Connected to the antenna amplifier via a COAX cable (X5).
 - BLK:** Connected to the antenna amplifier via a COAX cable (X6).
 - BLK:** Connected to the antenna amplifier via a COAX cable (X7).
- Fuse Block:**
 - DISPLY FUSE 15A:** Connected to the antenna amplifier via a COAX cable (X1).
 - DISPLY FUSE 15A:** Connected to the antenna amplifier via a COAX cable (X2).
 - DISPLY FUSE 15A:** Connected to the antenna amplifier via a COAX cable (X3).
 - DISPLY FUSE 15A:** Connected to the antenna amplifier via a COAX cable (X4).
 - DISPLY FUSE 15A:** Connected to the antenna amplifier via a COAX cable (X5).
 - DISPLY FUSE 15A:** Connected to the antenna amplifier via a COAX cable (X6).
 - DISPLY FUSE 15A:** Connected to the antenna amplifier via a COAX cable (X7).
- Computer Data Lines System:**
 - GRN/BLU 7532:** Connected to the antenna amplifier via a COAX cable (X1).
 - GRY/GRN 1102:** Connected to the antenna amplifier via a COAX cable (X2).
 - BLK/YEL 659:** Connected to the antenna amplifier via a COAX cable (X3).
 - YEL 658:** Connected to the antenna amplifier via a COAX cable (X4).
 - WHT/GRN 3997:** Connected to the antenna amplifier via a COAX cable (X5).
 - GRY/VIO 3998:** Connected to the antenna amplifier via a COAX cable (X6).
 - WHT/VIO 3999:** Connected to the antenna amplifier via a COAX cable (X7).
- Logic:**
 - BLK/WHIT:** Connected to the antenna amplifier via a COAX cable (X1).
 - RED/VIO:** Connected to the antenna amplifier via a COAX cable (X2).
 - USB:** Connected to the antenna amplifier via a COAX cable (X3).
 - USB:** Connected to the antenna amplifier via a COAX cable (X4).
 - USB:** Connected to the antenna amplifier via a COAX cable (X5).
 - USB:** Connected to the antenna amplifier via a COAX cable (X6).
 - USB:** Connected to the antenna amplifier via a COAX cable (X7).

Fig 9: Radio Circuit, Up Level W/O Navigation & Amplifier (2 of 4)



[illegible]

Fig 11: Radio Circuit, Up Level W/O Navigation & Amplifier (4 of 4)



Wiring Diagram Details:

- Radio Pinout (Left):**
 - 1: FM2
 - 2: WH
 - 3: COAX
 - 4: SERIAL DATA BUS 10
 - 5: SERIAL DATA 2
 - 6: LOW REF
 - 7: TELEPHONE VOICE SIG
 - 8: MOST SERIAL DATA (-)
 - 9: MOST SERIAL DATA (+)
 - 10: MOST SERIAL DATA (-)
 - 11: MOST SERIAL DATA (+)
 - 12: MOST CONTROL
 - 13: X2
- Antenna Amplifier (Top Center):**
 - Input: FM2, WH, COAX
 - Output: BLK, X1
- Rear Window Antenna (Top Right):**
 - Input: BLK, X1
- Fuse Block (Top Right):**
 - Input: RED/BLU, X2
 - Output: RED/BLU, X2
- Logic Unit (Bottom Center):**
 - Input: BLK/WH, X1
 - Output: RED/VIO, X2
- Connections:**
 - Radio Pin 1 (FM2) to Antenna Amplifier FM2
 - Radio Pin 2 (WH) to Antenna Amplifier WH
 - Radio Pin 3 (COAX) to Antenna Amplifier COAX
 - Antenna Amplifier BLK to Rear Window Antenna BLK
 - Antenna Amplifier X1 to Rear Window Antenna X1
 - Antenna Amplifier X2 to Fuse Block X2
 - Fuse Block X2 to Logic Unit X2
 - Radio Pin 13 (X2) to Logic Unit X2
 - Radio Pin 14 (GRN/BLU) to Computer Data Lines System (7532)
 - Radio Pin 15 (GRY/GRN) to Computer Data Lines System (1102)
 - Radio Pin 19 (BLK/YEL) to Computer Data Lines System (659)
 - Radio Pin 20 (YEL) to Computer Data Lines System (658)
 - Radio Pin 8 (WHT/GRN) to Computer Data Lines System (3997)
 - Radio Pin 9 (GRY/VIO) to Computer Data Lines System (3998)
 - Radio Pin 10 (WHT/GRN) to Computer Data Lines System (3997)
 - Radio Pin 11 (GRY/VIO) to Computer Data Lines System (3998)
 - Radio Pin 12 (WHT/VIO) to Computer Data Lines System (3999)
 - Radio Pin 13 (X2) to Logic Unit X2
 - Radio Pin 14 (GRN/BLU) to Logic Unit X2
 - Radio Pin 15 (GRY/GRN) to Logic Unit X2
 - Radio Pin 19 (BLK/YEL) to Logic Unit X2
 - Radio Pin 20 (YEL) to Logic Unit X2
 - Radio Pin 8 (WHT/GRN) to Logic Unit X2
 - Radio Pin 9 (GRY/VIO) to Logic Unit X2
 - Radio Pin 10 (WHT/GRN) to Logic Unit X2
 - Radio Pin 11 (GRY/VIO) to Logic Unit X2
 - Radio Pin 12 (WHT/VIO) to Logic Unit X2

The diagram illustrates the electrical connections for the 2012 Ford Focus SE. Key components and their connections include:

- INFO DISPLAY MODULE:**
 - DISPLAY:** Connected to BATT POS VOLT (3240), SERIAL DATA 2 (1102), NETWORK BUS 10 (7532), NETWORK BUS 5 (7527), and SIG GND (1551).
 - LOGIC:** Connected to BATT POS VOLT (3240), SERIAL DATA 2 (1102), NETWORK BUS 10 (7532), NETWORK BUS 5 (7527), SIG GND (1551), and INFOTAINMENT DISPLAY SIG (NCA).
- RIGHT STEERING WHEEL CONTROLS SWITCH:**
 - LOGIC:** Connected to GND, SERIAL DATA 2 (1102), BATT POS VOLT (3240), FWD SIG, BACK SIG, DOWN SIG, UP SIG, and MUTE.
 - COMPUTER DATA LINES SYSTEM:** Connected to BLK (J260), BLK (G201), and BLK (J260).
- REAR BODY FUSE BLOCK (BELOW CENTER OF LUGGAGE COMPT):**
 - STRG WHL FUSE 2A:** Connected to RED/BLU (1) and RED/YEL (2).
- STEERING WHEEL AIR BAG COIL:**
 - RED/BLU (1):** Connected to RED/BLU (1).
 - RED/YEL (2):** Connected to RED/YEL (2).
- INTERIOR LIGHTS SYSTEM:**
 - WHT/YEL (3):** Connected to WHT/YEL (3).
 - YEL (4):** Connected to YEL (4).
 - YEL/BLU (2):** Connected to YEL/BLU (2).
- RADIO PRESETS/STEARING WHEEL CONTROLS SWITCH:**
 - WHT/YEL (3):** Connected to WHT/YEL (3).
 - YEL (4):** Connected to YEL (4).
 - YEL/BLU (2):** Connected to YEL/BLU (2).
 - BLK (1):** Connected to BLK (1).
- RADIO VOLUME/STEARING WHEEL CONTROLS SWITCH:**
 - WHT/YEL (3):** Connected to WHT/YEL (3).
 - YEL (4):** Connected to YEL (4).
 - YEL/BLU (2):** Connected to YEL/BLU (2).
 - BLK (1):** Connected to BLK (1).

Fig 14: Radio Circuit, Up Level W/O Navigation W/ Amplifier (3 of 5)

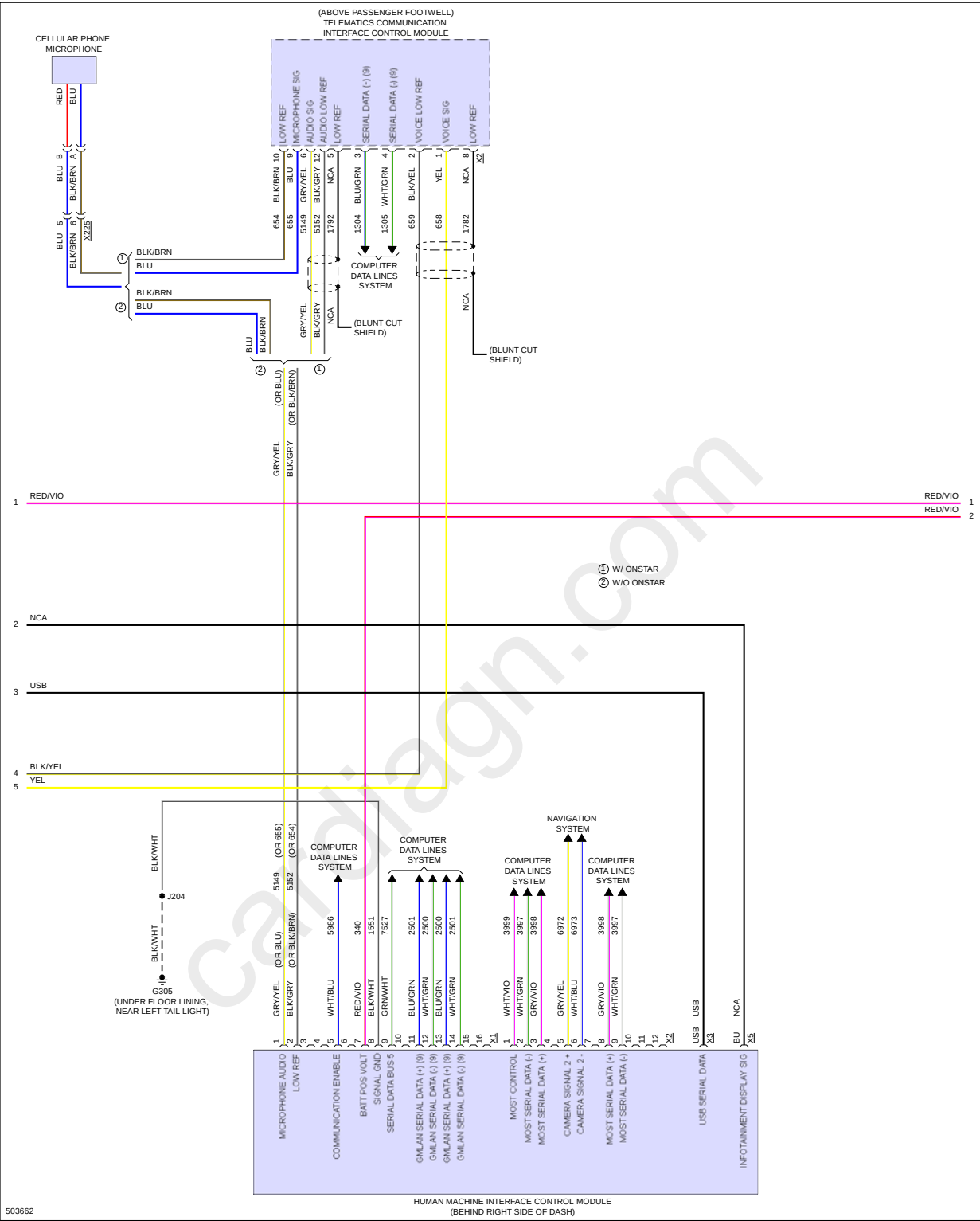
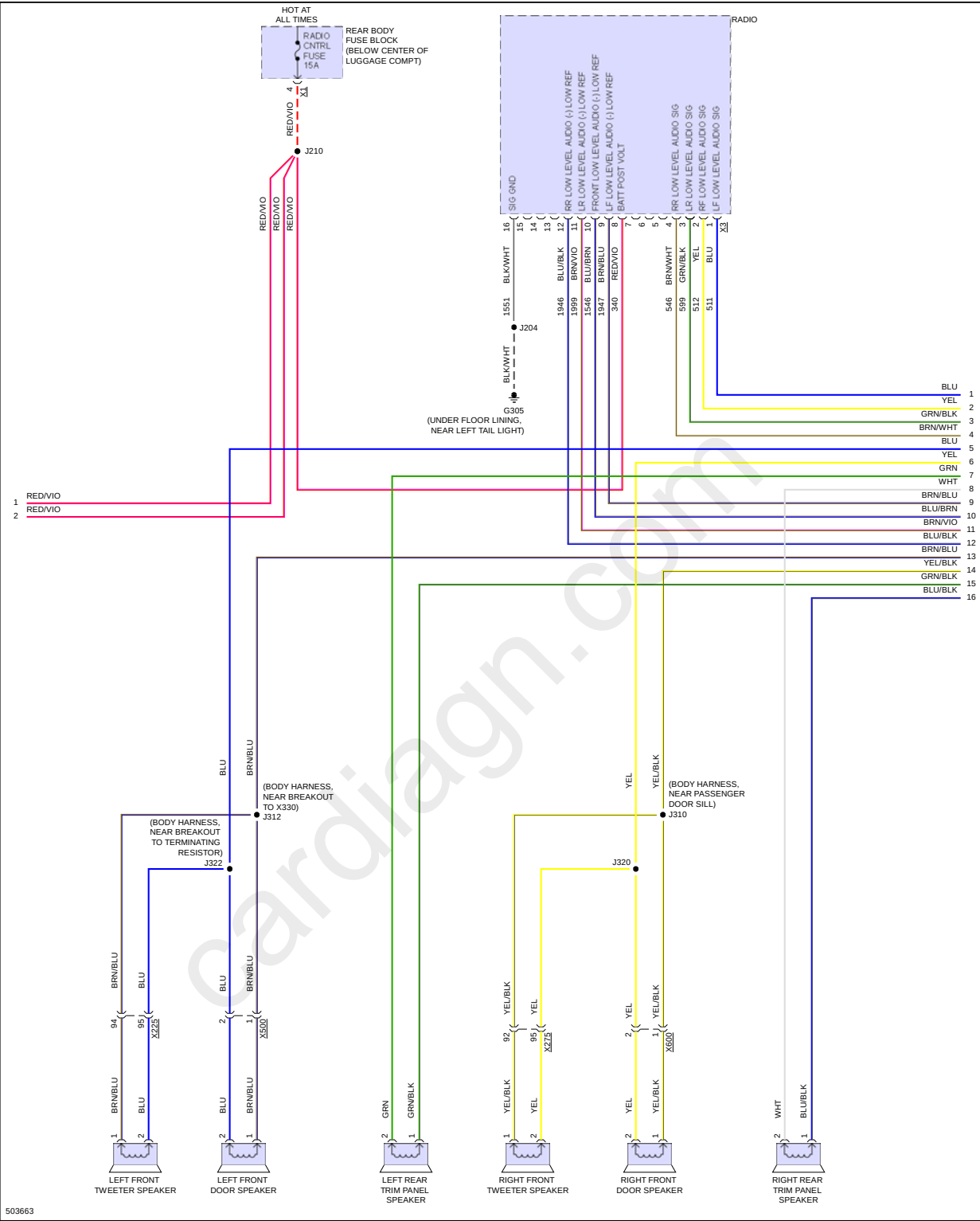


Fig 15: Radio Circuit, Up Level W/O Navigation W/ Amplifier (4 of 5)



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Fig 17: Radio Circuit, W/ Navigation (1 of 5)

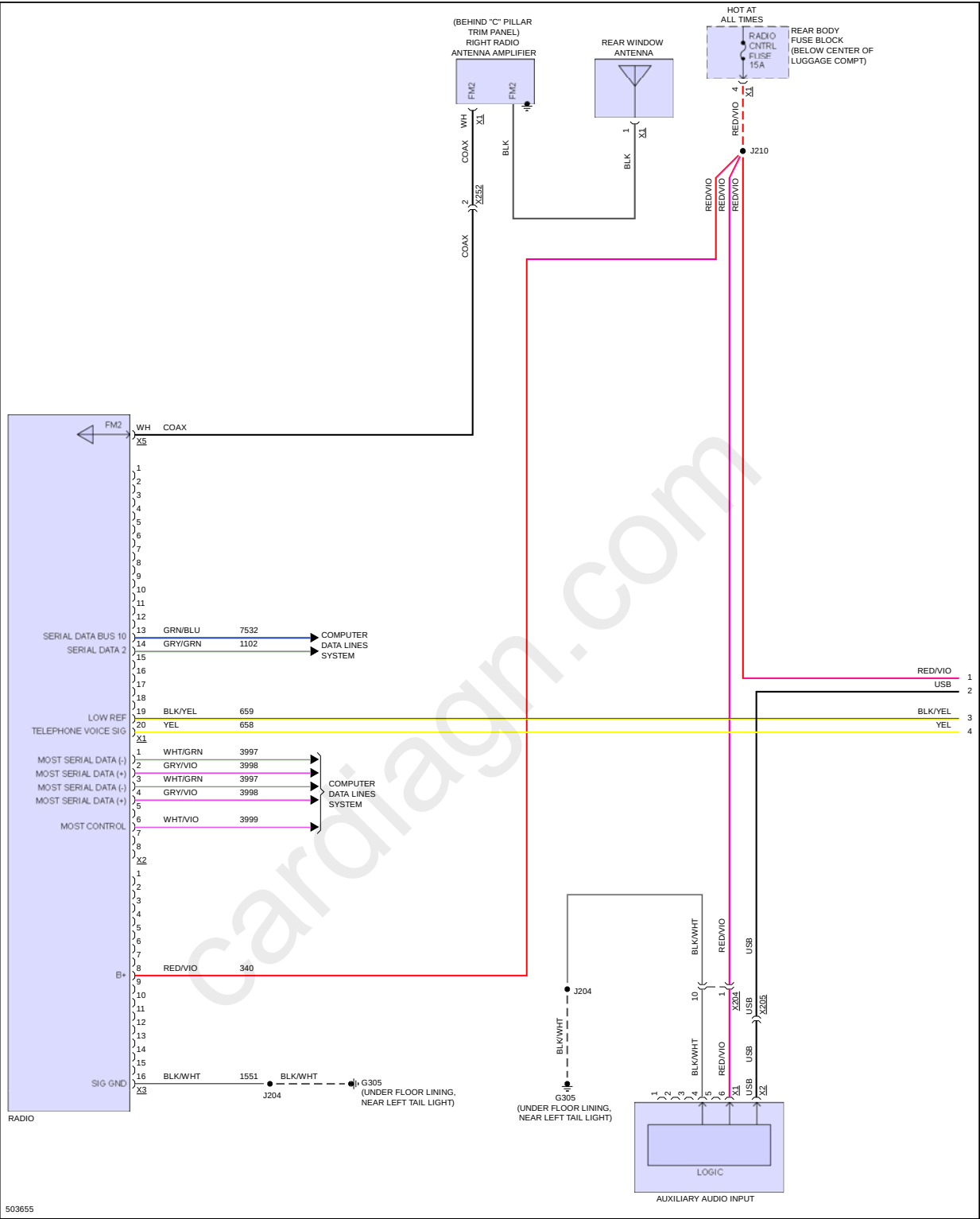
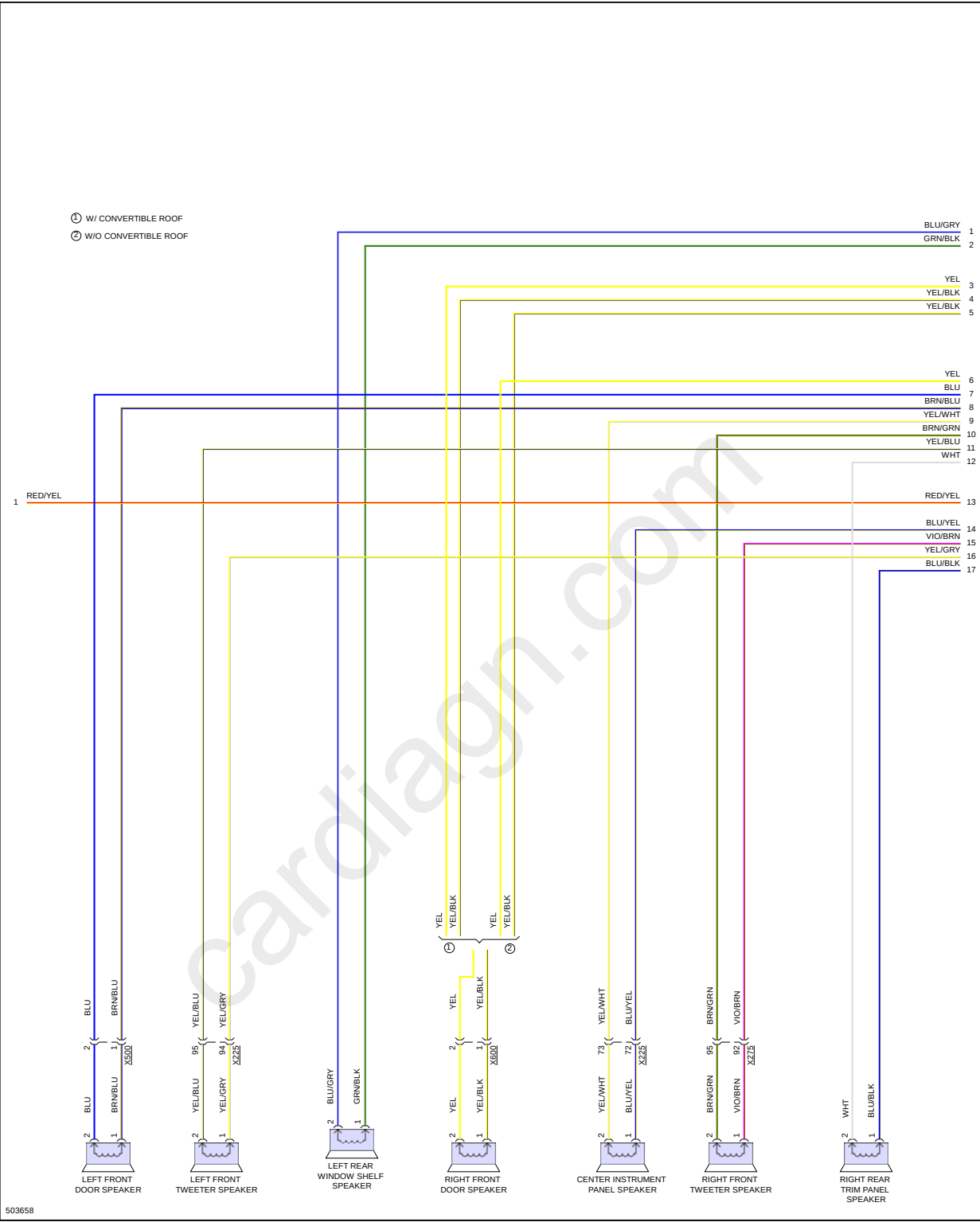


Fig 19: Radio Circuit, W/ Navigation (3 of 5)



Fig 20: Radio Circuit, W/ Navigation (4 of 5)



① W/ CONVERTIBLE ROOF
② W/O CONVERTIBLE ROOF

200 (OR 346) YEL (OR BLU/GRY) 1
200 YEL 2
201 BLU 3
240 RED/YEL 4
117 (OR 1794) YEL/BLK (OR GRN/BLK) 5
117 YEL/BLK 6
118 BRN/BLU 7
1551 BLK/WHT 8
G305 (UNDER FLOOR LINING, NEAR LEFT TAIL LIGHT) X1

1 BLU/GRY BLU/GRY
2 GRN/BLK GRN/BLK
YEL (OR BLU/GRY)
YEL/BLK (OR GRN/BLK)
3 YEL YEL
4 YEL/BLK YEL/BLK
5 YEL/BLK YEL/BLK
6 YEL
7 BLU
8 BRN/BLU
9 YEL/WHT
10 BRN/GRN
11 YEL/BLU
12 WHT
13 RED/YEL
14 BLU/YEL
15 VIO/BRN
16 YEL/GRY
17 BLU/BLK

1860 YEL/WHT
1852 BRN/GRN
1856 YEL/BLU
46 WHT
199 GRN
315 GRY/BLK
1960 BLU/YEL
1952 VIO/BRN
1956 YEL/GRY
115 BLU/BLK
116 GRN/BLK
1795 GRN/VIO
1102 GRY/GRN
6091 VIO/BLU
3005 LT GRN/BRN
3006 LT BLU/YEL
3008 LT GRN/BLK
3009 LT BLU/BLK
5986 WHT/BLU
3997 WHT/GRN
3998 GRY/VIO
3997 WHT/GRN
3998 GRY/VIO
1305 WHT/GRN
1305 WHT/GRN
3999 WHT/VIO
1304 BLU/GRN
1304 BLU/GRN

1 LEFT/REAR SUBWOOFER
2 SPEAKER CTRL (+)
3 RF SPEAKER CTRL (+)(1)
4 LF SPEAKER CTRL (+)(1)
5 B+
6 RF SPEAKER CTRL (-)(1)
7 LEFT/REAR SUBWOOFER
8 SPEAKER CTRL (-)
9 RF SPEAKER CTRL (-)(1)
10 RF SPEAKER CTRL (+)(1)
11 SIG GND
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