

ICE

IN-CAR ENTERTAINMENT SYSTEM

TROUBLESHOOTING GUIDE

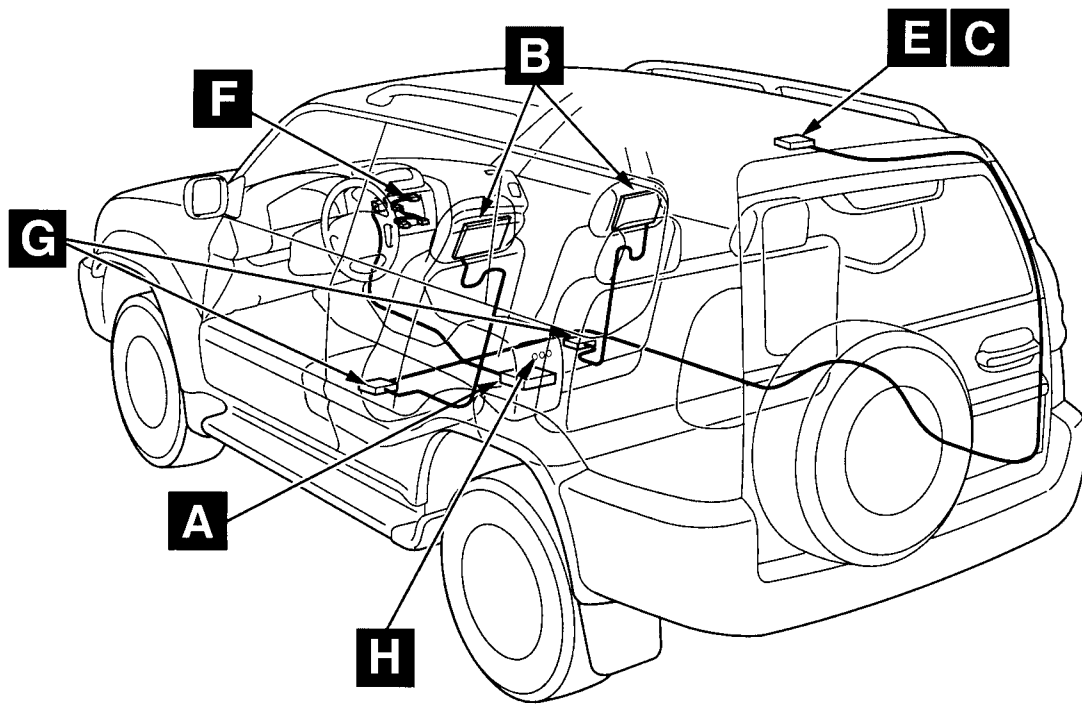
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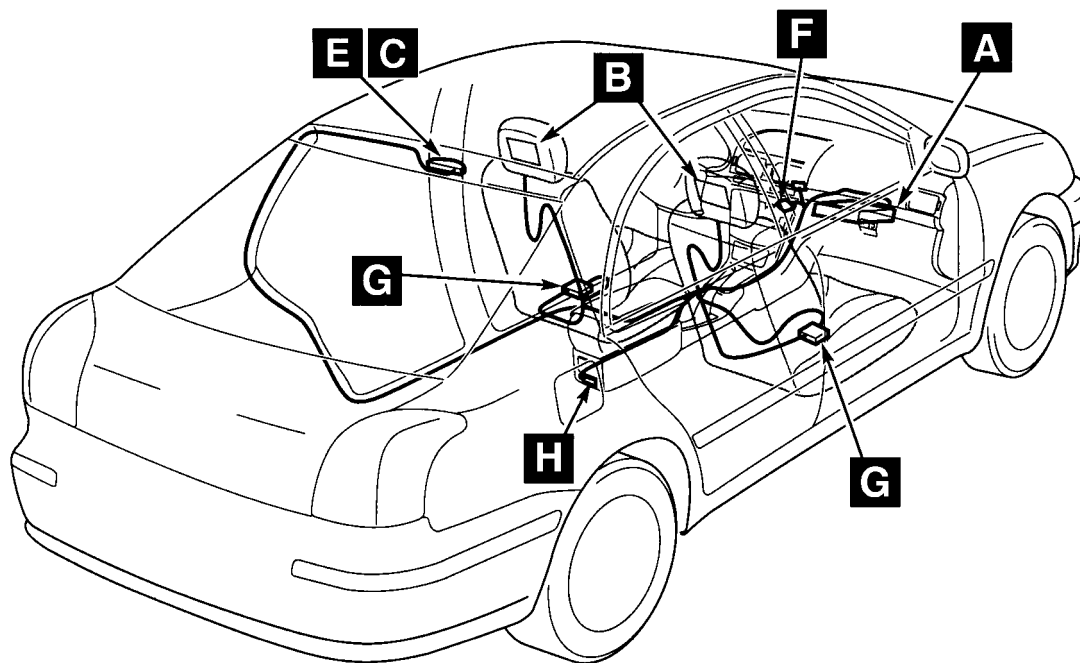


PROBLEM SITUATION OVERVIEW: LC120



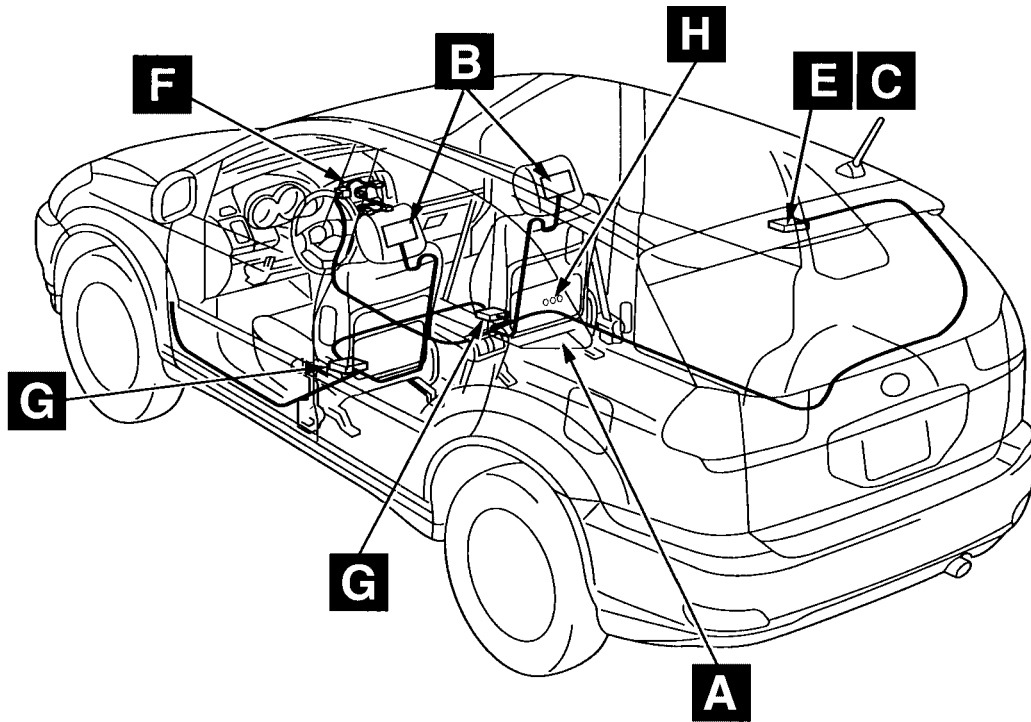
- A: DVD
- B: SCREENS
- C: TRANSMITTER ECU
- E: TRANSMITTER LEDS
- F: POWER PICK UP
- G: SCREEN CONTROL BOX
- H: AUX INPUT

PROBLEM SITUATION OVERVIEW: AVENSIS

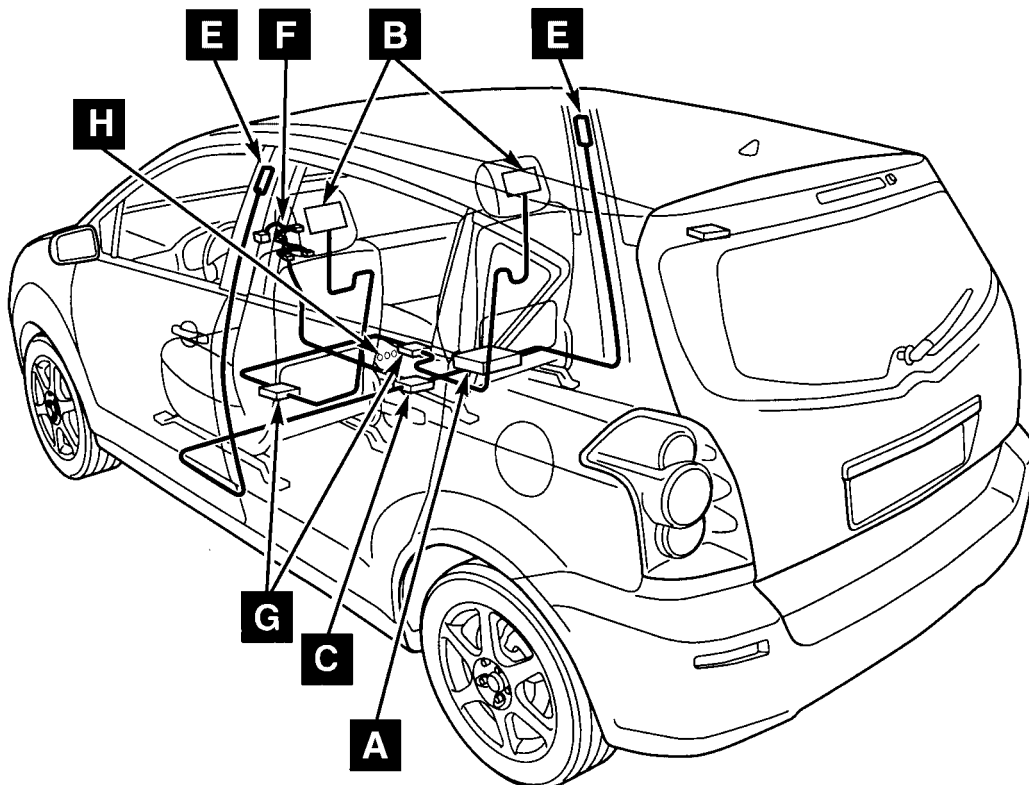


Note: For the voltage check of *A-*L, please see connector assignment table on pages 17 & 18.

PROBLEM SITUATION OVERVIEW: RX300



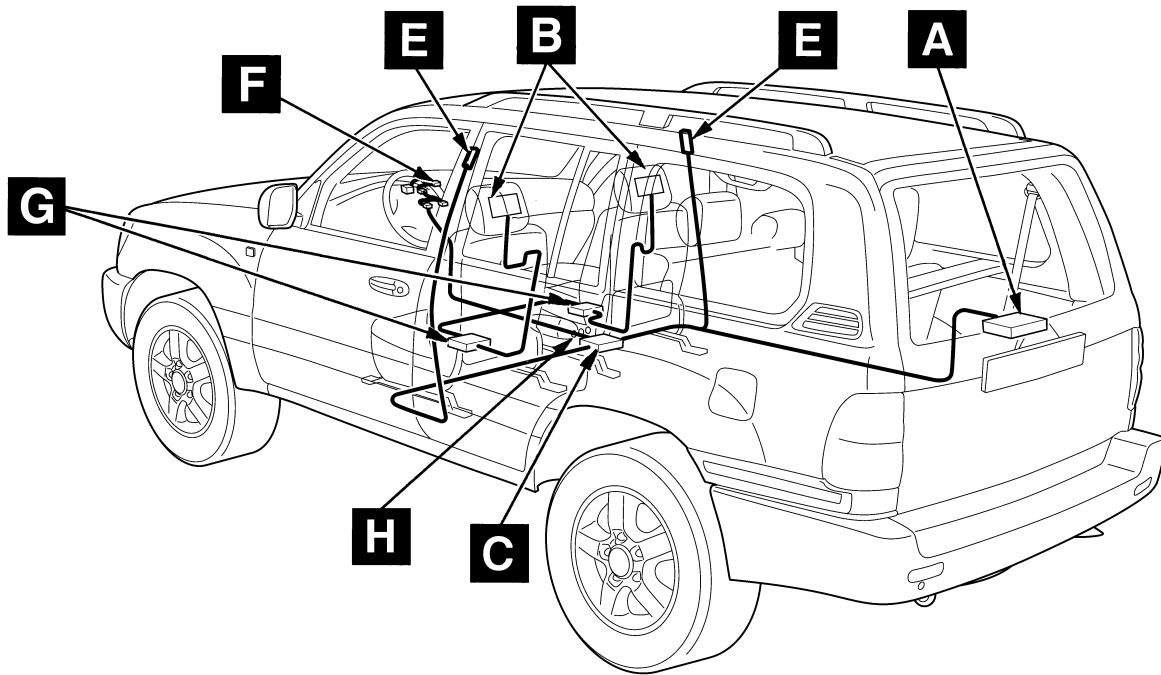
PROBLEM SITUATION OVERVIEW: COROLLA VERSO



Note: For the voltage check of *A-*L, please see connector assignment table on pages 17 & 18.

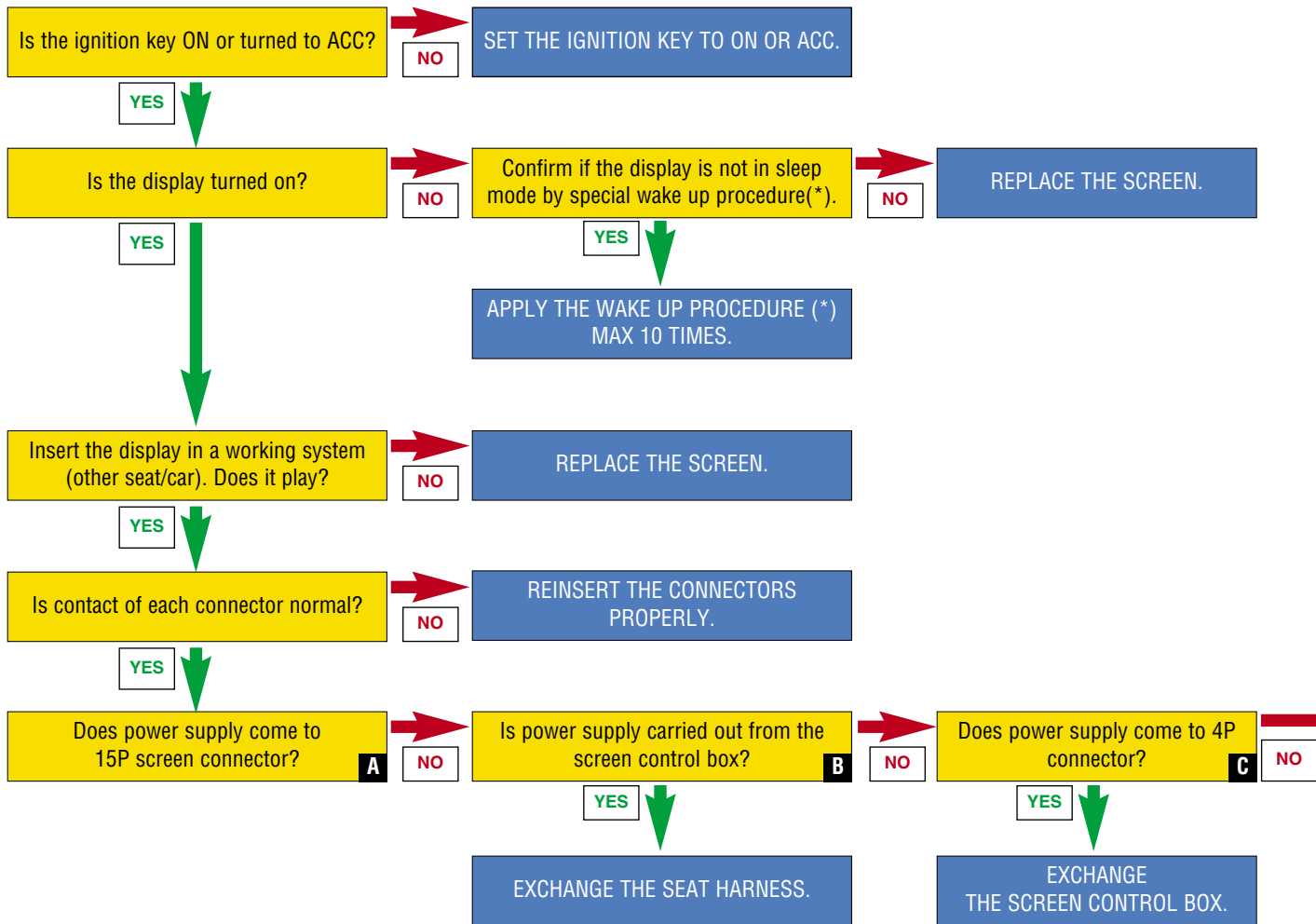


PROBLEM SITUATION OVERVIEW: LC100



Note: For the voltage check of *A-*L, please see connector assignment table on pages 17 & 18.

PROBLEM 1: DISPLAY CANNOT BE TURNED ON 



(*) IMPORTANT

After a storage period, the monitor may go into "sleep" mode. To reactivate the monitor, please complete the following actions:

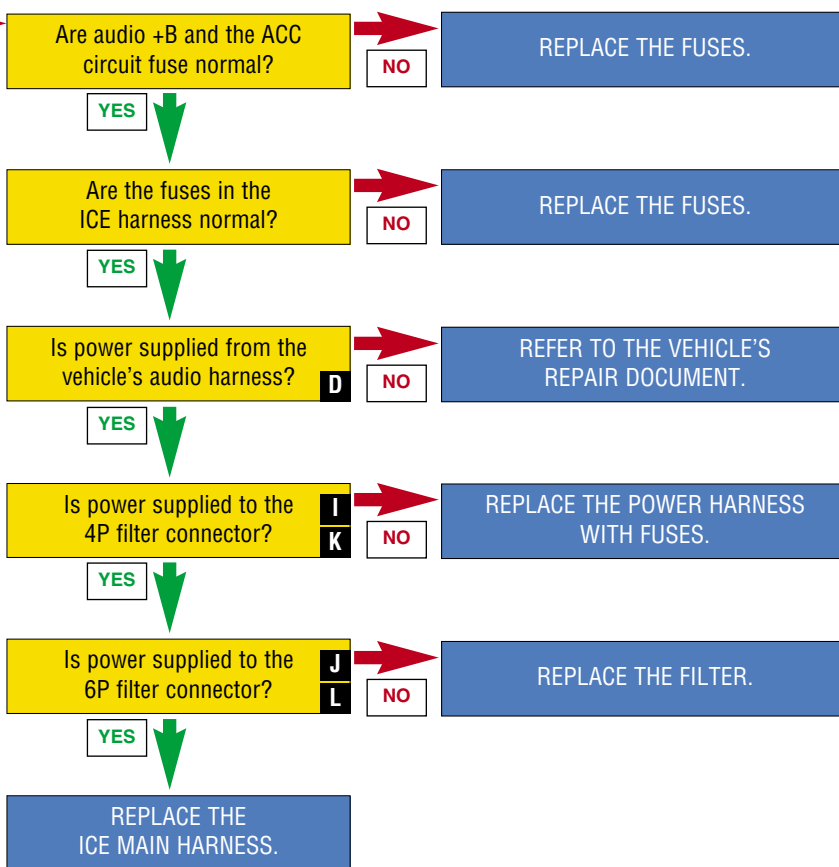
Switch the monitor on using the POWER-ON button.

Wait 5 seconds.

Switch off by pressing the same button and holding it for 5-6 seconds.

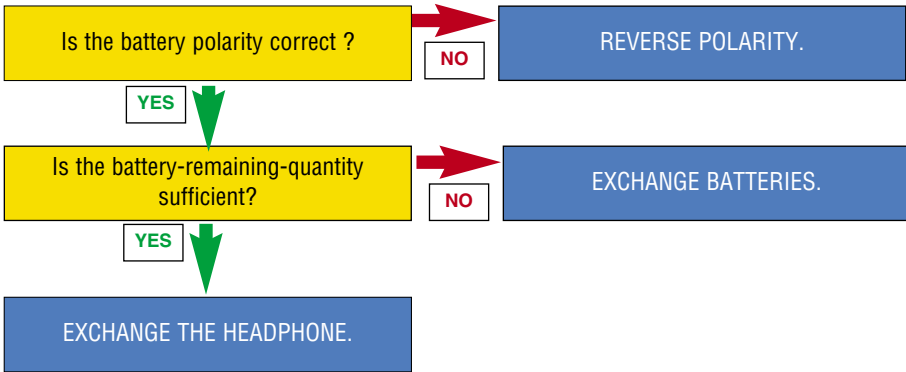
Repeat until the monitor activates.

Note: For the voltage check of *A-*L, please see connector assignment table on pages 17 & 18.



Note: For the voltage check of *A-*L, please see connector assignment table on pages 17 & 18.

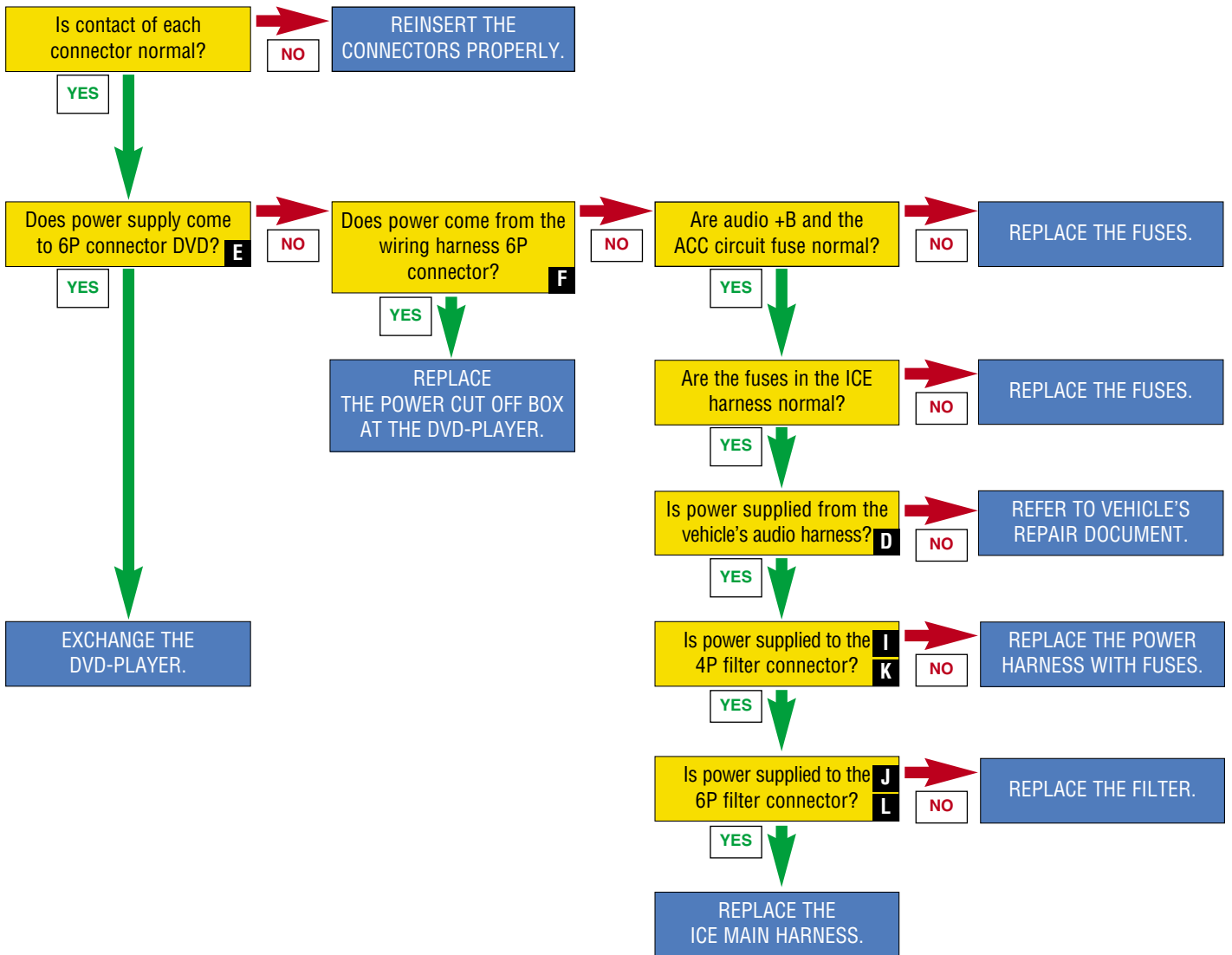
PROBLEM 2: HEADPHONE CANNOT BE TURNED ON (RED LIGHT ON HEADPHONE) 



Note: For the voltage check of *A-*L, please see connector assignment table on pages 17 & 18.

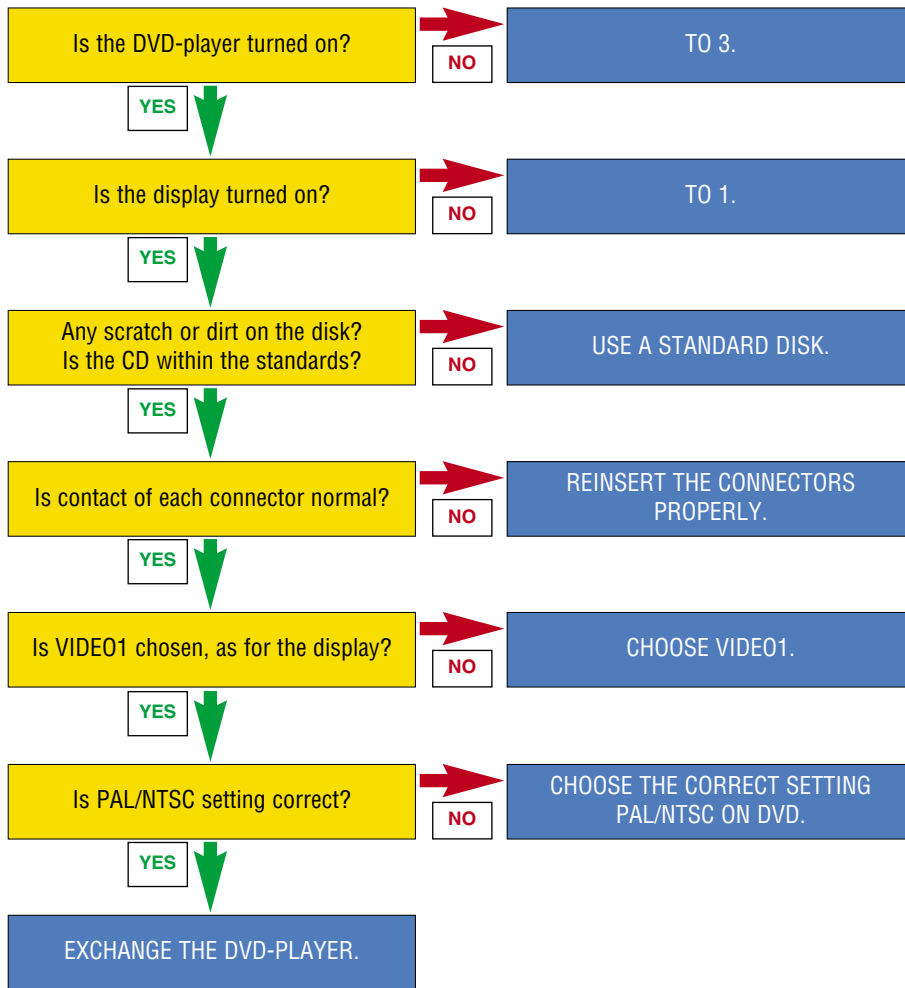


PROBLEM 3: DVD-PLAYER CANNOT BE TURNED ON



Note: For the voltage check of *A-*L, please see connector assignment table on pages 17 & 18.

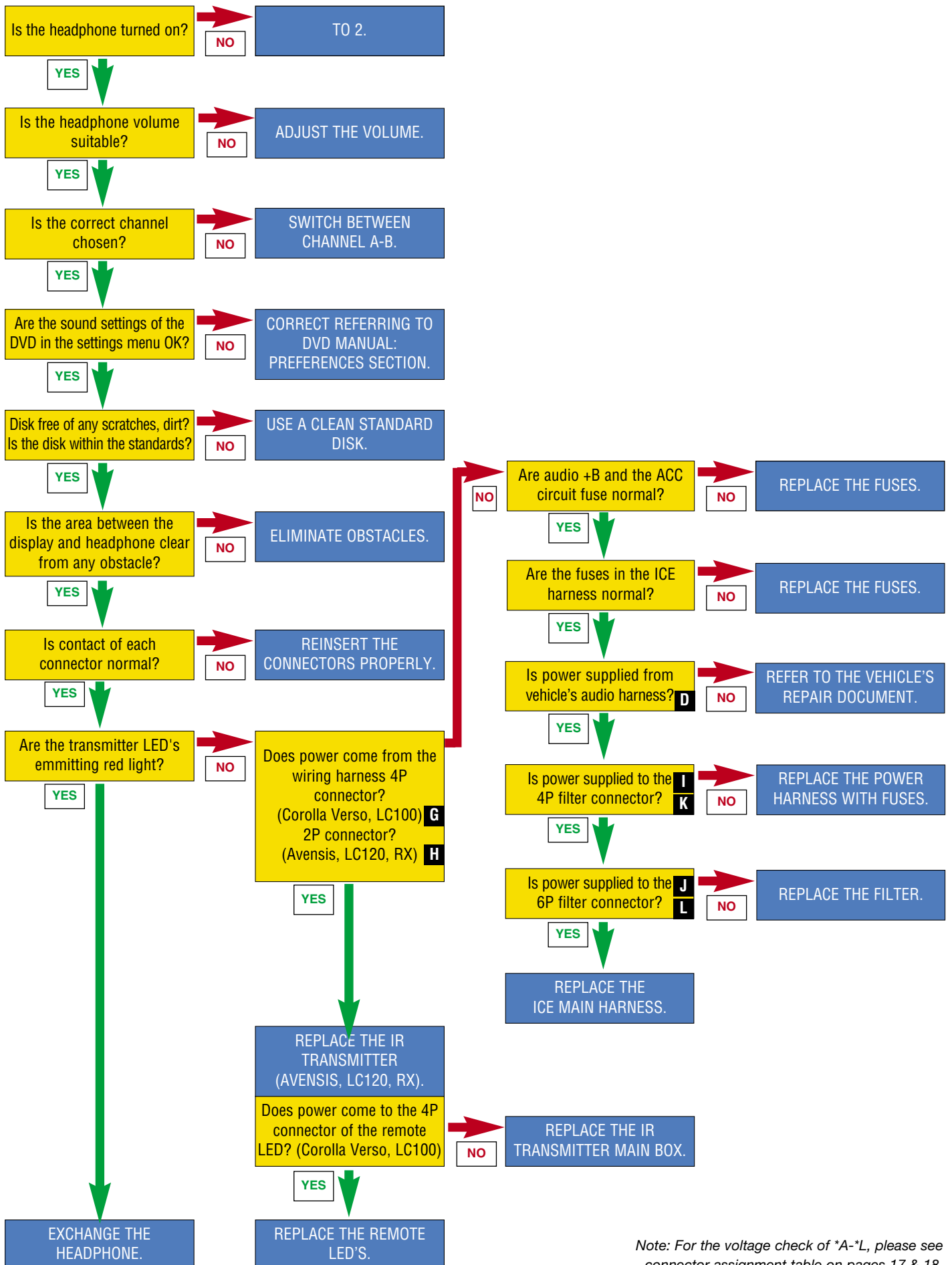
PROBLEM 4: IMAGE OF THE DVD DOES NOT COME OUT 



Note: For the voltage check of *A-*L, please see connector assignment table on pages 17 & 18.



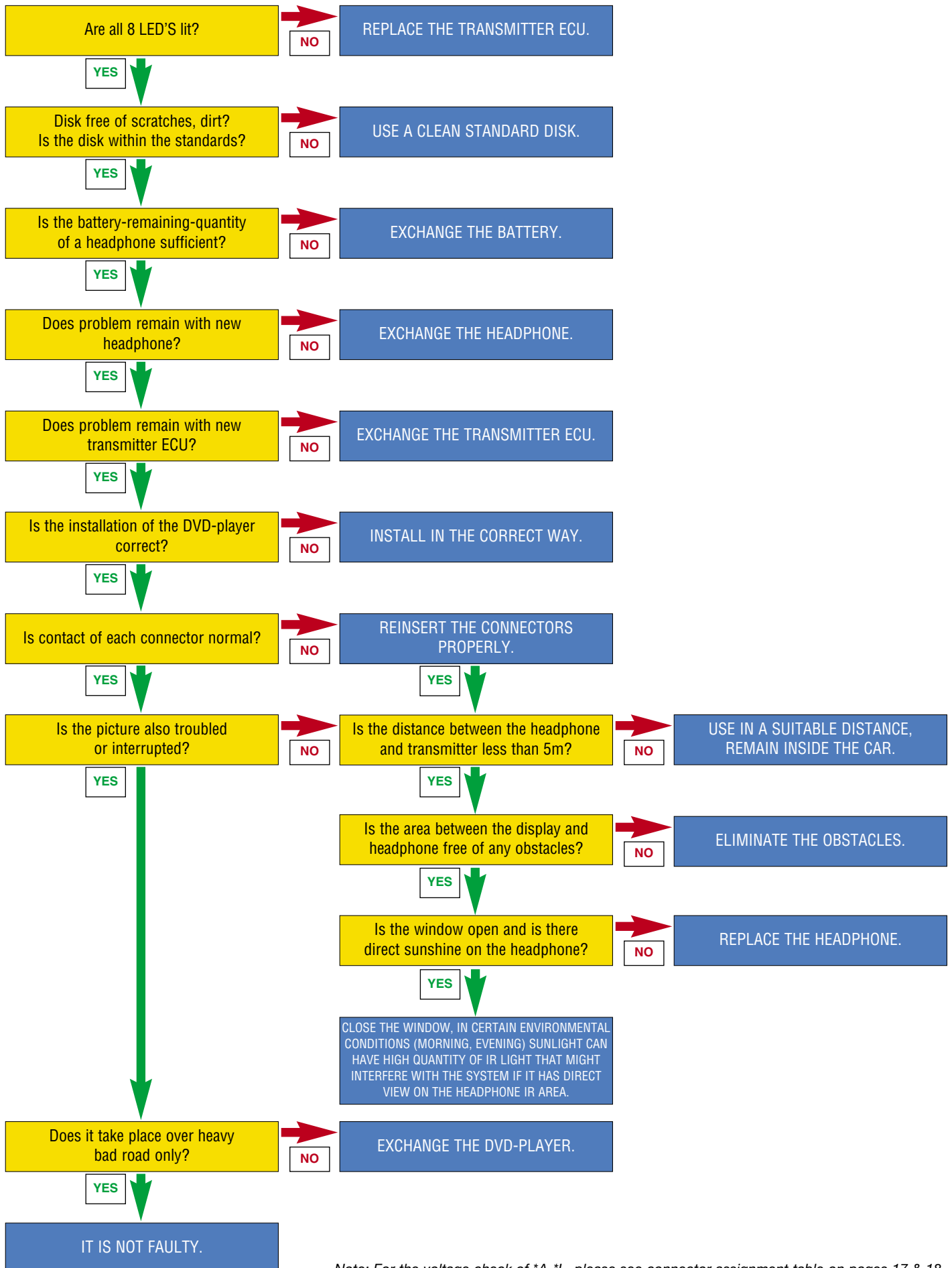
PROBLEM 5: NO SOUND FROM THE HEADPHONE



Note: For the voltage check of *A-*L, please see connector assignment table on pages 17 & 18.



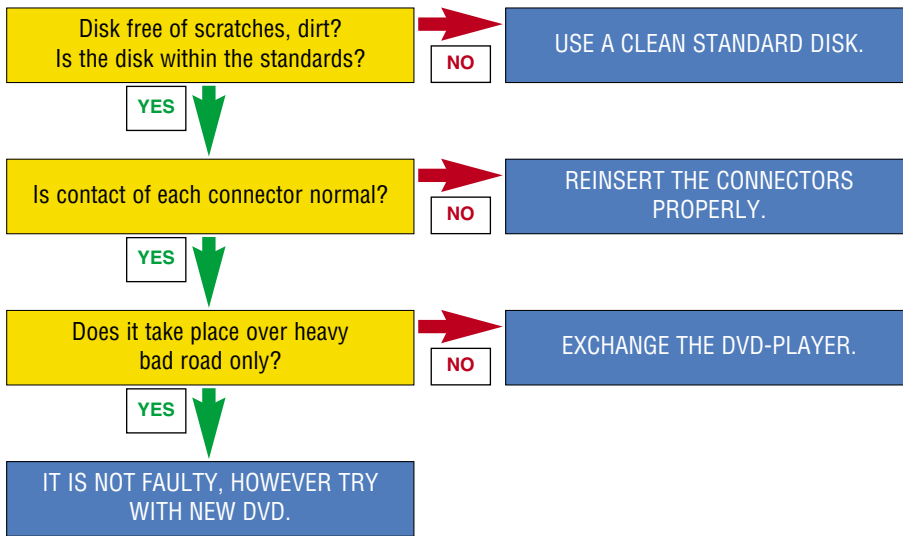
PROBLEM 6: SOUND CONFUSES AND/OR STOPS



Note: For the voltage check of *A-*L, please see connector assignment table on pages 17 & 18.

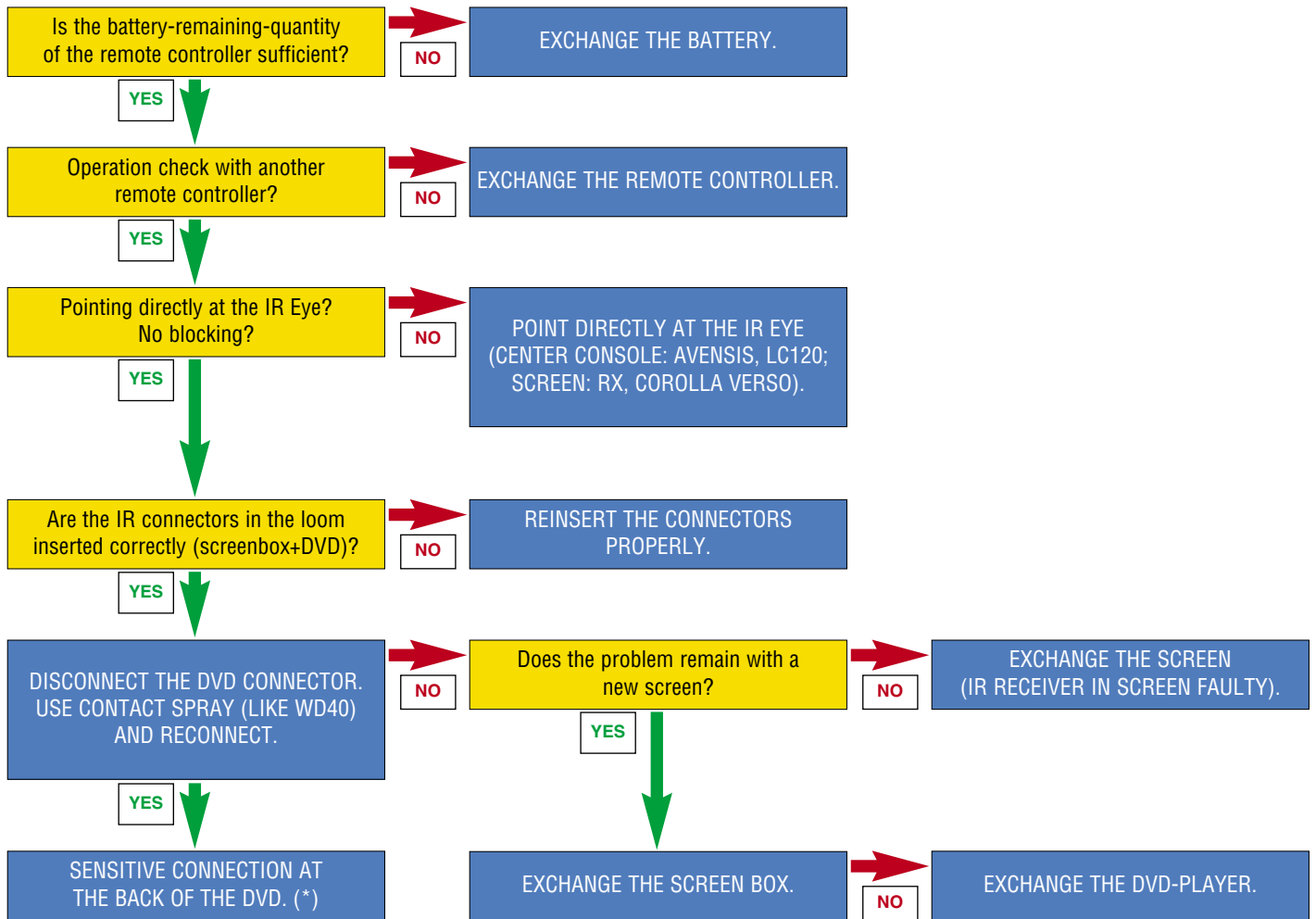


PROBLEM 7: PICTURE CONFUSES AND/OR STOPS



Note: For the voltage check of *A-*L, please see connector assignment table on pages 17 & 18.

PROBLEM 8: OPERATION OF THE DVD CANNOT BE PERFORMED

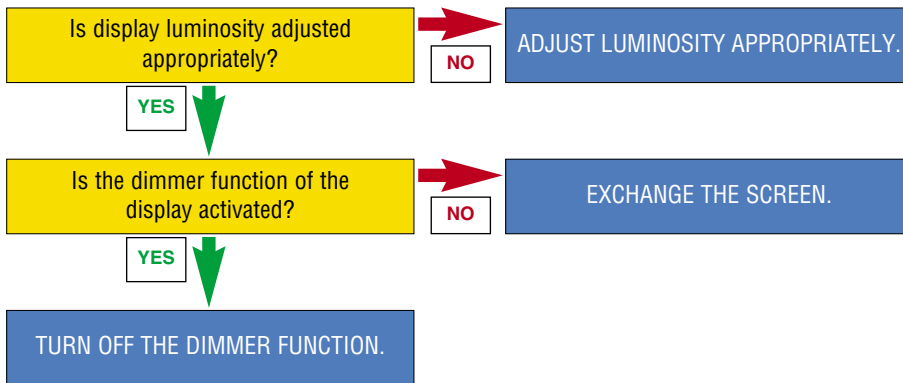


(*) Field fix, TI reference: TS04-073 (AC)

Note: For the voltage check of *A-*L, please see connector assignment table on pages 17 & 18.

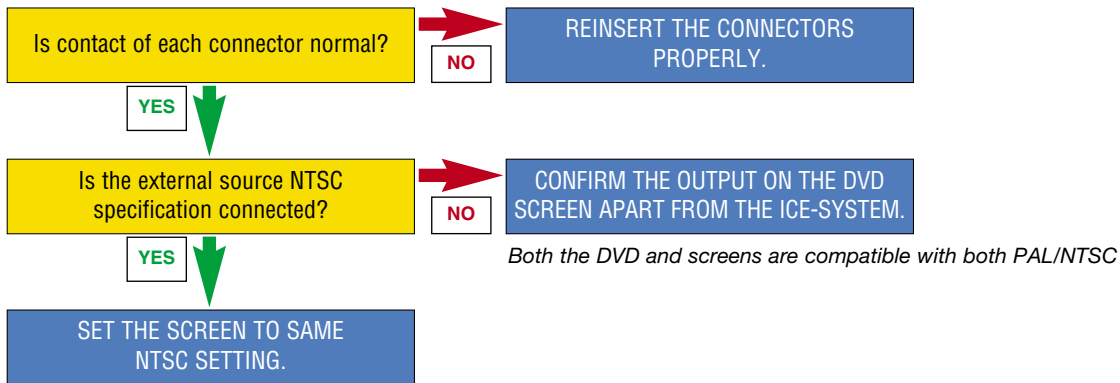


PROBLEM 9: SCREEN IS TOO BRIGHT/TOO DARK



Note: For the voltage check of *A-*L, please see connector assignment table on pages 17 & 18.

PROBLEM 10: SCREEN OF EXTERNAL SOURCE IS TROUBLED



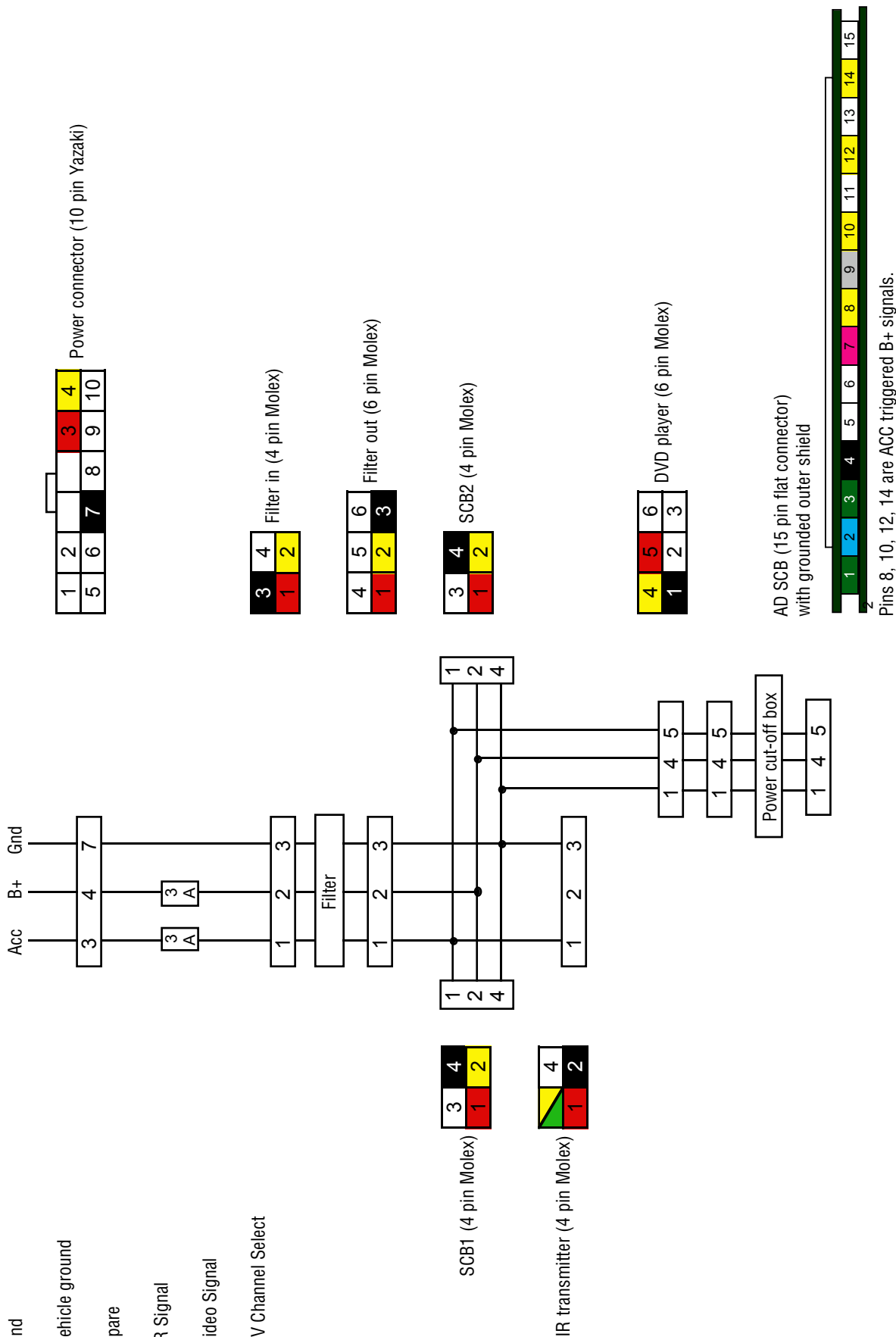
Note: For the voltage check of *A-*L, please see connector assignment table on pages 17 & 18.

COROLLA VERSO ICE DVD WIRING SCHEME



Key:

- Acc
- B+
- Signal Gnd
- Gnd
- Vehicle ground
- Spare
- IR Signal
- Video Signal
- AV Channel Select

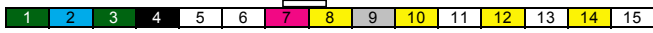


CONNECTOR ASSIGNMENT TABLES



Check each connector supply voltage (Connector side view of the wire harness)
Set the ignition key to ON or ACC, and confirm that the voltage of +B/ACC is 11-16V to GND.

***A DISPLAY 15 PIN**



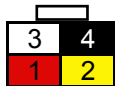
PIN No	ASSIGN	HARNESS COLOUR
1	GND	GREEN
2	VIDEO	LIGHT BLUE
3	GND	GREEN
4	Signal GND	BLACK
5	NC	
6	NC	
7	IR	PINK
8	B+	YELLOW
9	NC	
10	B+	YELLOW
11	NC	
12	B+	YELLOW
13	NC	
14	B+	YELLOW
15	NC	

***B SCREEN CONTROL BOX 15 PIN**



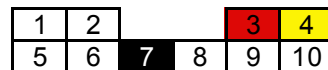
PIN No	ASSIGN	HARNESS COLOUR
1	GND	GREEN
2	VIDEO	LIGHT BLUE
3	GND	GREEN
4	Signal GND	BLACK
5	NC	
6	NC	
7	IR	PINK
8	B+	YELLOW
9	NC	
10	B+	YELLOW
11	NC	
12	B+	YELLOW
13	NC	
14	B+	YELLOW
15	NC	

***C SCREEN CONTROL BOX 4 PIN**



PIN No	ASSIGN	HARNESS COLOUR
1	ACC	RED
2	+B	YELLOW
3	NC	
4	GND	BLACK

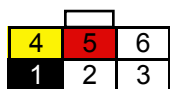
***D VEHICLE 10 PIN**



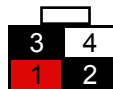
PIN No	ASSIGN	HARNESS COLOUR
1	NC	
2	NC	
3	ACC	RED
4	+B	YELLOW
5	NC	
6	NC	
7	GND	BLACK
8	NC	
9	NC	
10	NC	

***E 6 PIN - IN DVD / OUT BOX**

***G IR TRANSMITTER 4 PIN**



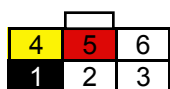
PIN No	ASSIGN	HARNESS COLOUR
1	GND	BLACK
2	NC	
3	NC	
4	+B	YELLOW
5	ACC	RED
6	NC	



PIN No	ASSIGN	HARNESS COLOUR
1	ACC	RED
2	GND	BLACK
3	VEH GND	BLACK
4	NC	

***F 6 PIN - OUT WIRE HARNESS / IN BOX**

***H IR TRANSMITTER 2 PIN**



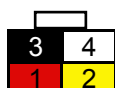
PIN No	ASSIGN	HARNESS COLOUR
1	GND	BLACK
2	NC	
3	NC	
4	+B	YELLOW
5	ACC	RED
6	NC	



PIN No	ASSIGN	HARNESS COLOUR
1	GND	BLACK
2	ACC	RED

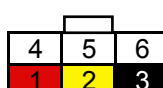
DOUBLE FILTER

***I FILTER IN**



PIN No	ASSIGN	HARNESS COLOUR
1	ACC	RED
2	+B	YELLOW
3	GND	BLACK
4	NC	

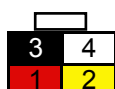
***J FILTER OUT**



PIN No	ASSIGN	HARNESS COLOUR
1	ACC	RED
2	+B	YELLOW
3	GND	BLACK
4	NC	
5	NC	
6	NC	

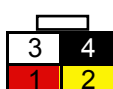
SINGLE FILTER

***K FILTER IN**



PIN No	ASSIGN	HARNESS COLOUR
1	ACC	RED
2	+B	YELLOW
3	GND	BLACK
4	NC	

***L FILTER OUT**



PIN No	ASSIGN	HARNESS COLOUR
1	ACC	RED
2	+B	YELLOW
3	GND	NC
4	NC	BLACK