



# GENUINE PARTS

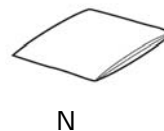
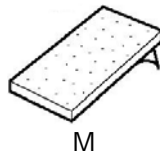
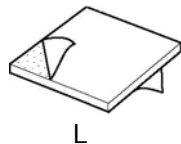
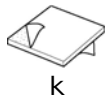
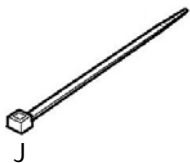


## INSTALLATION INSTRUCTIONS

- 1) DESCRIPTION:** Invision SL Dual Player Headrest Video
- 2) APPLICATION:** Nissan Murano (2009)
- 3) PART NUMBER:** Headrest DVD Main Kit – Leather (Black) – 999U8 CV000  
 Headrest DVD Main Kit – Leather (Beige) – 999U8 CV001  
 Headrest DVD Main Kit – Cloth (Black) – 999U8 CV005  
 Headrest DVD Main Kit – Cloth (Beige) – 999U8 CV006

**4) KIT CONTENTS:**

Item	QTY	Description	Service Part Number
<b>A</b>	2	Headrest Assembly	999U8 CV010 01/2; 999U8 CV011 01/2; 999U8 CV015 01/2; 999U8 CV016 01/2
	1	Nissan Installer PrePack I	
<b>B</b>	1	Aux In Control Box (see Appendix 1)	999U8 VV041
<b>C</b>	1	FM Antenna (Optional)	
<b>D</b>	1	Nissan Power Harness I (see Appendix 1)	
<b>E</b>	1	Noise Filter Harness (see Appendix 1)	
<b>F</b>	1	Aux Control Module (see Appendix 1)	999U8 VV050
<b>G</b>	1	Aux Input Harness (see Appendix 1)	
<b>H</b>	1	Cable #3A (see Appendix 1)	
<b>I</b>	1	Cable #3B (see Appendix 1)	
	1	Nissan Standard Hardware Bag (Installation Kit)	999U8 VV043
<b>JKL MNO</b>		(20 x 11" Wire Ties; 1 x Small Double sided Tape; 1 x Large Double Sided Tape; 1 x Foam Tape (4" x 8"); 1 x Alcohol Pad; 4 x Cable Clamps)	
	1	Nissan Customer PrePack B	
<b>P</b>	1	Remote Control (Batteries Included)	999U8 VV044
<b>Q</b>	3	AAA Battery Sets (1 set for Remote, 2 sets packaged w/ Headphones)	
<b>R</b>	1	Nissan Owners Manual	
<b>S</b>	2	Headphones (Batteries Included)	999U8 VV042
<b>T</b>	1	Nissan Quick Reference Guide	
<b>U</b>	1	Installation Instructions	



**5) TOOLS REQUIRED:**

- Masking Tape
- NRT (Nylon Removal Tool)
- 10mm Socket / Ratchet
- T-20 Torx driver
- Phillips Screwdriver (#2)
- Small Flathead Screwdriver
- Diagonal Cutters



# GENUINE PARTS

## INSTALLATION INSTRUCTIONS – Headrest DVD

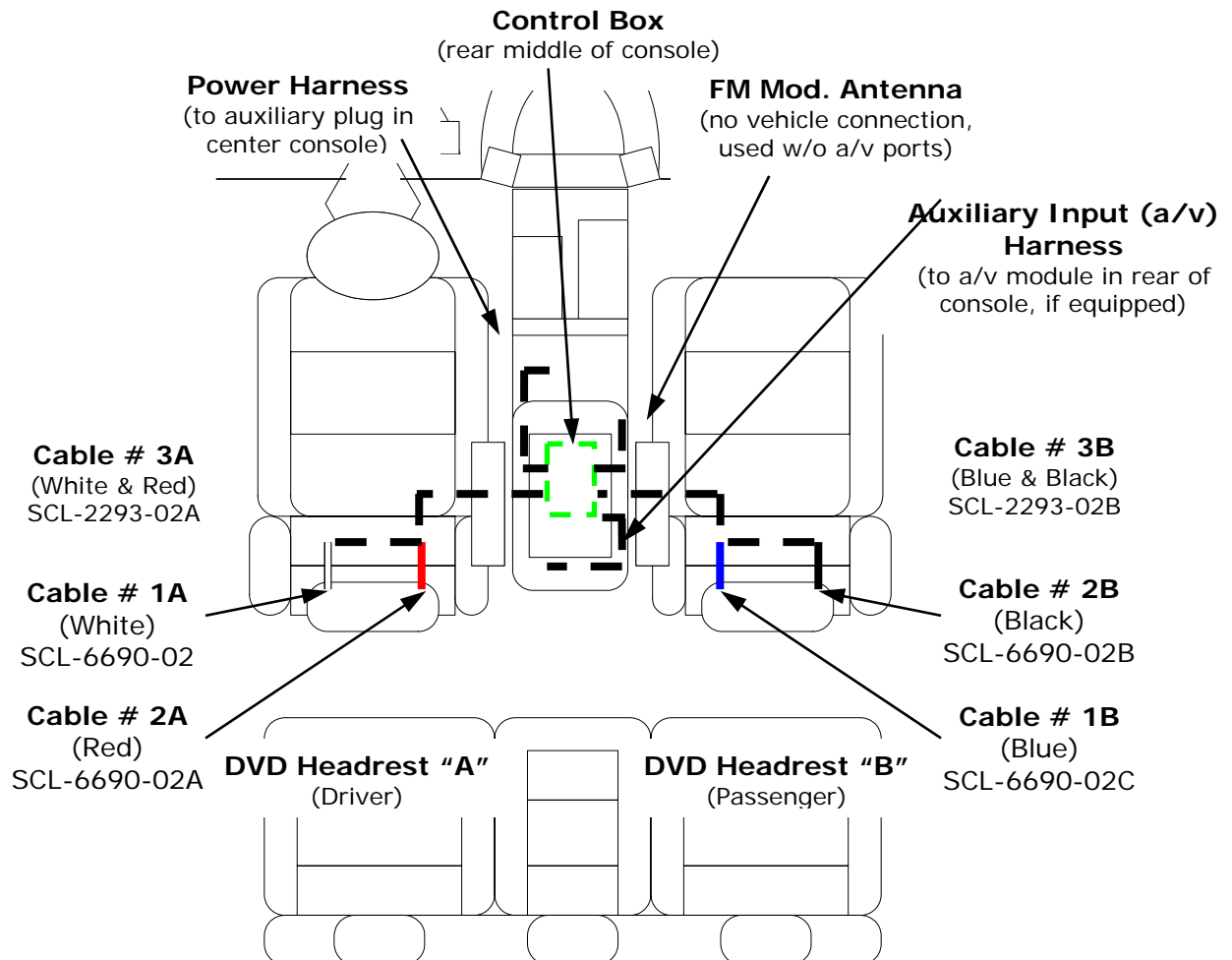
### 6) PRE-INSTALLATION CAUTIONS / NOTES: Dealer Installation Recommended.

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### ⚠ CAUTION

- Ensure that installed harnesses are free from all moving parts.
- Once installation is complete work seat functions (lumbar, up, down, and front to back), making sure there is proper wire slack.
- Follow post installation check to ensure successful installation.
- This is a universal installation kit so all parts may not be used.
- In the case of ambient temperatures below 20°C (70°F), it is required to warm the tape and mounting surface with a heater to a minimum 20°C (70°F).
- Do not touch or contaminate the cleaned vehicle area or installation components to prevent the adhesion strength from being reduced.

### 7) INSTALLATION OUTLINE:



## 8) INSTALLATION PROCEDURE:

- 1) Apply parking brake.
- 2) Record customers radio presets

Preset	1	2	3	4	5	6	7
A							
B							
C							

- 3) Make sure the shift lever is engaged in the "P" position.
- 4) Turn the ignition switch OFF.
- 5) Open engine hood.
- 6) Disconnect the battery negative terminal using a 10mm socket / ratchet to prevent short circuits during installation.
- 7) Use seat and floor covers to avoid damage to surfaces.

### CAUTION

- Use caution when removing interior components to avoid damage, scratches, or breaking of mounting clips. Refer to the vehicle specific service manual for more information.
- Apply masking tape to all vehicle surfaces that will be pried against to prevent marring of panels.



**Fig 1**

- 8) Push down on retainer trim cover below selector lever knob to expose clip. Pull clip by hand toward rear of vehicle to remove. Figure 1



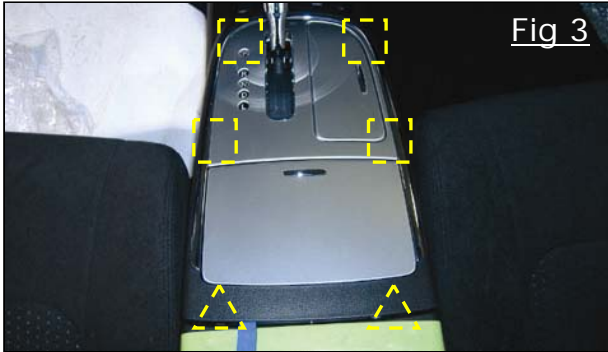
**Fig 2**

- 9) Lift up on selector lever knob to remove. Figure 2


# INSTALLATION INSTRUCTIONS – Headrest DVD

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## 8) INSTALLATION PROCEDURE:



10) Tape front edge of console storage area to prevent marring of panel. Use a NRT (Nylon Removal Tool) to pry up on rear edge of center finisher assembly. Figure 3

 = Pawl (2)

 = Metal Clip (4)



11) Disconnect electrical connectors and remove panel from vehicle. Figure 4

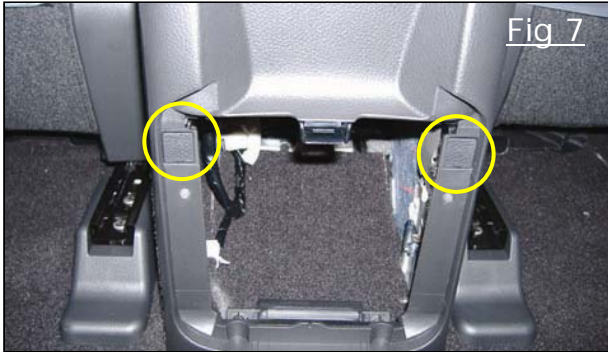


12) From the rear seat of vehicle, open rear console pocket, release lock inside console pocket. Figure 5



13) If vehicle is equipped with an auxiliary control module in rear of console (shown) continue to next step. If not, go to step 18. Figure 6

## 8) INSTALLATION PROCEDURE:

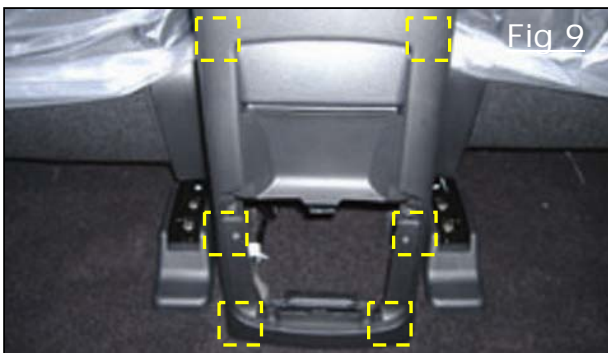


14) Use a small Flathead screwdriver to remove console mask from rear console finisher. Figure 7



15) Remove (2) screws using a T-20 Torx driver. Figure 8

↑ = Screw (2)



16) Pull rear console finisher toward rear of vehicle to release clips. Figure 9

⌞ = Metal Clip (6)



17) Disconnect electrical connectors and remove panel from vehicle. Figure 10

## 8) INSTALLATION PROCEDURE:



Fig 11

18) Remove the seat back board band from seat cushion bottom side. Figure 11



Fig 12

19) Raise lower flap of seat back and remove (2) screws using a # 2 Phillips Screwdriver. Figure 12



 = Screw (2)



Fig 13

20) At center of seat back board press in on both sides to release inner clips. Figure 13

 = Pawl (4) (includes Figure 14)

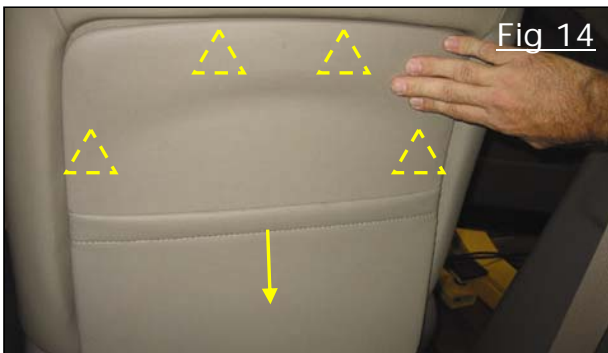


Fig 14

21) Press in at top corners of seat back board while pulling down at the bottom to remove. Figure 14

## INSTALLATION INSTRUCTIONS – Headrest DVD

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### 8) INSTALLATION PROCEDURE:



22) Remove headrest by depressing release button on outboard seat post, and pulling up on headrest. Figure 15

23) Repeat steps 18-22 for passenger side seat.



24) Insert cables # 1A and # 2A (white/ red) into the appropriate post holes of the driver's seat. Figure 17



25) Continue to feed cables into seat until DVD headrest is in its highest locking position. Figure 18



26) Unclip inboard J-clip of seat and route cables behind material, re clip J-clip. Exit cables at inboard bottom side of seat. Figure 19.

27) Repeat steps 24-27 with cables # 1B and # 2B (blue/ black) on passenger side seat.

## 8) INSTALLATION PROCEDURE:



Fig 20

28) Connect all six connections to the control box using color coded connections including the #3 headrest cables (red, white, blue, and black) and power harness with secondary filter harness. Auxiliary harness will be connected if the vehicle is equipped with an auxiliary control module, if no port exists then an antenna will be connected. Once all connections are made verify #3 cable connections using the figure with power connector showing at top left corner. Figure 20



Fig 21

29) Feed cable # 3A (white/ red) under carpet from rear of console below driver side seat protruding from split in carpet near HVAC duct. Figure 21 & 22



Fig 22

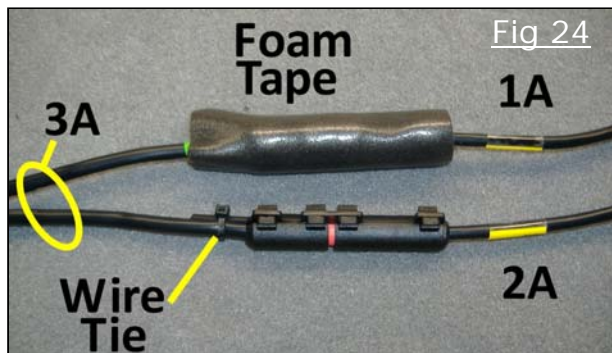


Fig 23

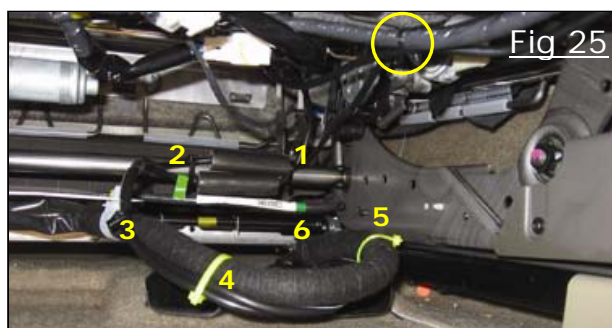
30) Pass cable ends forward so the cable will be out of direct view. Connect cable # 1A and # 2A to # 3A Figure 23



## 8) INSTALLATION PROCEDURE:



31) Snap security clamp around each connection point between cables #1A and #2A to cable #3A, add wire tie to strain relief, and apply foam tape. Figure 24



32) Secure cables under seat using (6) 11" wire ties in number order as shown in figure. Use (1) additional wire tie (circled) to secure slack in cables. Cut excess wire tie length with diagonal cutters. Do not allow cables to hang loosely. View is from rear seat, looking forward . Figure 25 & 26



33) Repeat steps 29-32 for passenger side seat with cables # 1B, # 2B, and # 3B.

34) Test all seat travel on both seats for proper clearance up/ down, and front to back. Cables should not catch under the seat.



35) Use an alcohol pad to clean top and bottom of the control module.

36) Place double sided tape on the bottom and foam tape on the top side of the control module.

37) Secure control module to carpet inside rear of console area with double sided tape. Figure 27.

## 8) INSTALLATION PROCEDURE:

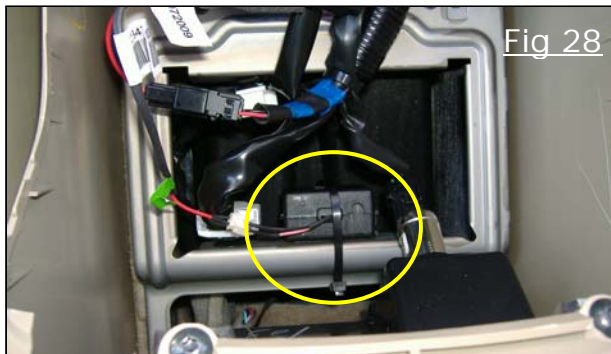


Fig 28

38) By hand feed power harness forward into center console opening. In conjunction with two way tape, wire tie noise filter box to rear edge of console bracket with (1) 11" wire tie. Cut excess wire tie length using diagonal cutters. Figure 28

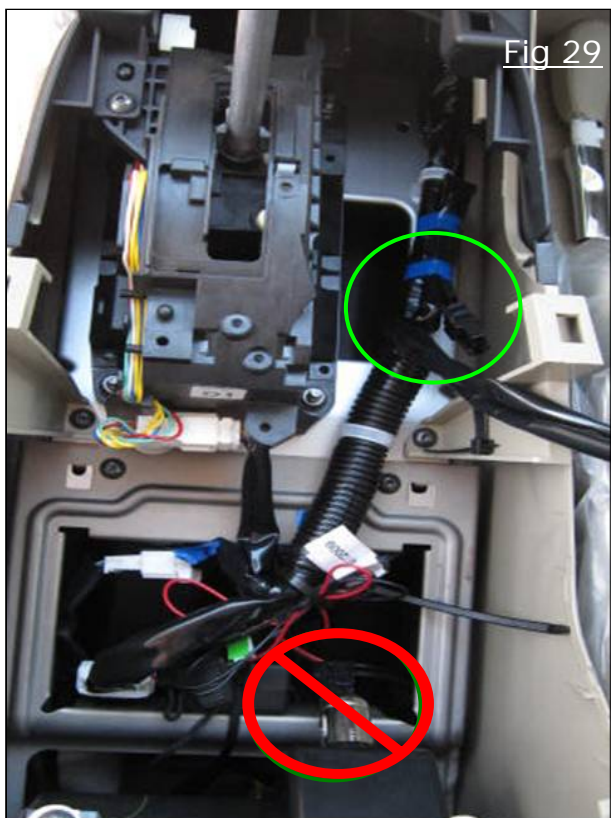


Fig 29

39) Locate the cigarette lighter accessory power connector circled in green (taped to factory harness on vehicles without this option). **Do not use center console power point; circled in red.** Connect the female connector of the DVD power harness to the male factory connector. The remaining DVD connector will plug into the cigarette lighter accessory. If vehicle is not equipped with this option the remaining DVD connector will be secured to the factory harness with (1) 11" wire tie. Cut excess wire tie length using diagonal cutters. Figure 29 & 30

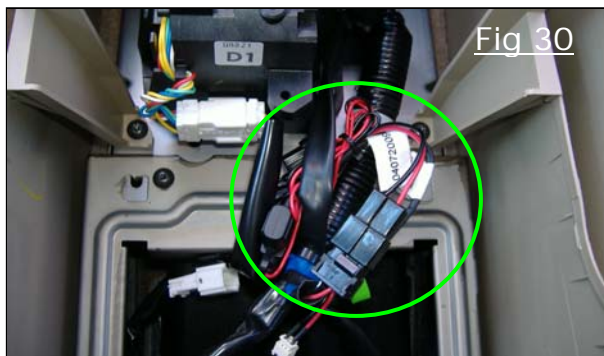


Fig 30



Fig 31

40) If the vehicle is not equipped with auxiliary control module proceed to step 44, if module exist continue with this step. Using a #2 Phillips screwdriver remove (2) screws securing the auxiliary (a/v) module to the rear console panel and replace with the new one. Figure 31

## 8) INSTALLATION PROCEDURE:

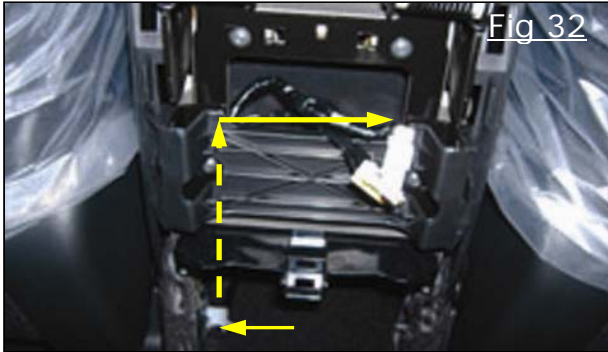


Fig 32

41) Route auxiliary DVD harness from lower console area to upper rear console area, following factory wires. Secure harness to factory wiring with (2) 11" wire tie. Cut excess wire tie length with wire cutters. Wrap harness with foam tape. Figure 32

42) Plug factory cable into auxiliary DVD wire harness and auxiliary harness into a/v box.

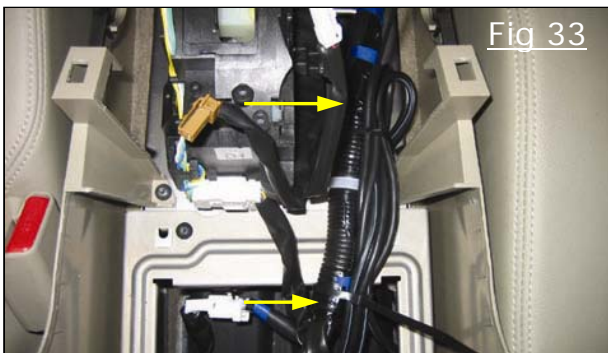


Fig 33

43) Route all excess cables forward into center console, bundle and secure neatly against OE loom with (2) 11" wire ties. Figure 33

44) Re-connect the battery to the specified factory torque setting and test system fully by using OPERATION CHECK on the following page.

45) Once the DVD system passes operations check and all factory vehicle functions work properly, reassemble vehicle trim by reversing steps 8-21.

## 9) OPERATION CHECK:

### Proper Operation:

- If disc 1 is inserted into monitor "A" and disc 2 is inserted into monitor "B" then the monitor will play its respective disc. If the source button is pushed on either monitor until the opposing monitor is shown text on the screen, then that source will be played on the selected monitor.
- Using a known good video game station, connect the red, white, and yellow RCA's to the front of the desired monitor. Source appropriate monitor until video game is displayed (If plugged into monitor "A" source until "Monitor A" is shown in text on screen, if plugged into monitor "B" source until "Monitor B" is shown.).
- Push the auxiliary option on the vehicles radio. The audio from Monitor "A" will play through the vehicles stereo (The factory auxiliary plug will override DVD audio if anything is connected to it.). If no auxiliary option is available turn the FM Modulator on using the DVD remote and tune the radio to the appropriate station.



### **CAUTION**

- Use caution when reinstalling interior components to avoid damage, scratches, or breaking of mounting clips. Refer to the vehicle specific service manual for more information.

## 10) FINAL INSPECTION:

- (1) Inspect the vehicle interior and exterior for damage.
- (2) Check all previously disconnected connectors, accessories, and factory equipment to ensure they are all connected and operational.
- (3) Make sure Owners Manual, headphones, and remotes are in pre-pack and place in designated vehicle location.
- (4) Clean interior of vehicle.

## 11) SYSTEM VERIFICATION AND TROUBLESHOOTING:

### Cable Routing and Verifications

- Prior to performing any test to verify voltage or signal flow it is recommended that all cables routed during the installation process are re-observed for proper routing.
- Verify that cables are not tightly stressed.
- Move seat fully forward and fully rearward as well as up and down while observing that cables do not stretch or bind.
- Check for ample clearance near any moving components in vehicle such as seat tracks, seat motorization, hinge points and parking brake lever etc.
- Look at condition of cables. Verify that the following does not exist; pinched, cut, chaffed, crushed, melted, shorted or stretched apart.
- Check condition of terminal points. Verify that all points of termination are of good condition. Look for pins that are bent over, pulled out, crushed or missing.

## 11) SYSTEM VERIFICATION AND TROUBLESHOOTING:

### Schematic Reference: Video System Schematics

- Many conditions that affect video system operation may be corrected without removing the DVD Headrest Assembly or the DVD Control Box Assembly. Make sure to understand all features of system operation before beginning the diagnosis of the system. Verify the condition and follow the diagnostic procedures in order to isolate and correct the condition.
- Be sure the vehicle battery is fully charged before beginning video entertainment system diagnosis

### Video or Audio Distortion

- The manufacturing process for producing DVD's does not have the same quality control processes in place that compact disk manufacturing does. If there are video or audio quality problems with an individual DVD, try playing that disk in another DVD player. If the quality is poor for both players, return the disk to the place of purchase and request an exchange. If the quality problem is only seen in one of the players, examine the disk for scratches, dirt, or smudges and attempt to clean the disk with one of the disk cleaning systems that are commercially available.

### Affect/ Cause Troubleshooting:

Affect: Black screen, lights are not illuminated on monitor.

- Cause: Cables are reversed at the control box (red is reversed with white or black is reversed with blue)
- Cause: Cables are reversed at 1, 2 to 3 connection (red is reversed with white or black is reversed with blue)

Affect: When disc 1 is inserted into monitor "A" and disc 2 is inserted into monitor "B" disc 2 plays on "A" and disc 1 plays on "B" (without sourcing).

- Cause: Cables #2A (red) and #2B (black) are reversed at control box.
- Cause: Cables #1A (white) and #2A (red) are swapped with cables #1B (blue) and #2B (black) at the control box (white with blue and black with red).

Affect: When disc 1 is inserted into monitor "A" and disc "2" is inserted into monitor "B" disc 1 plays on "A" and disc 2 plays on "B" until the source button is hit on "A" then both discs stop playing.

- Cause: Cables #1A (white) and #2A (blue) are reversed at the control box.

#### **Headrest DVD is a Permanent Installation.**

It is recommended that the Headrest DVD System not be removed Once Installed.

**Original Headrests should be disposed of unless otherwise instructed by the Customer.**

# INSTALLATION INSTRUCTIONS – Headrest DVD

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## 11) SYSTEM VERIFICATION AND TROUBLESHOOTING:

