

Instruction Manual



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Important Notice

An LCD panel and/or video monitor may be installed in a motor vehicle and visible to the driver if the LCD panel or video monitor is used for vehicle information, system control, rear or side observation or navigation. If the LCD panel or video monitor is used for television reception, video or DVD play, the LCD panel or video monitor must be installed so that these features will only function when the vehicle is in "park" or when the vehicle's parking brake is applied.

* When connecting power and ground in a mobile video installation, insure that **ACC** wire is fused at the point where it is connected to the vehicle **ACC** wiring. Failure to do so can result in damage to the vehicle if a short circuit develops between the vehicle connection point and the mobile video product.

An LCD panel and/or video monitor used for television reception, video or DVD play that operates when the vehicle is in gear or when the parking brake is not applied must be installed to the rear of the driver seat where it will not be visible, directly or indirectly, to the operator of the motor vehicle.

Warnings

- Do not use any solvents or cleaning materials when cleaning the video monitor.
- Do not use any abrasive cleaners, they may scratch the screen.
- Use only lightly dampened lint free cloth to wipe the screen if it is dirty.
- Lock the LCD screen in fully closed position when not in use.
- Before putting on headphones always adjust the volume setting to off or lowest position
- Remember to leave the dome light switch in the off or auto positions when the vehicle is unattended, as the dome lights, if left on, can drain the vehicle battery
- Do not put pressure on the screen.
- Caution children to avoid touching or scratching the screen, as it may become dirty or damaged.

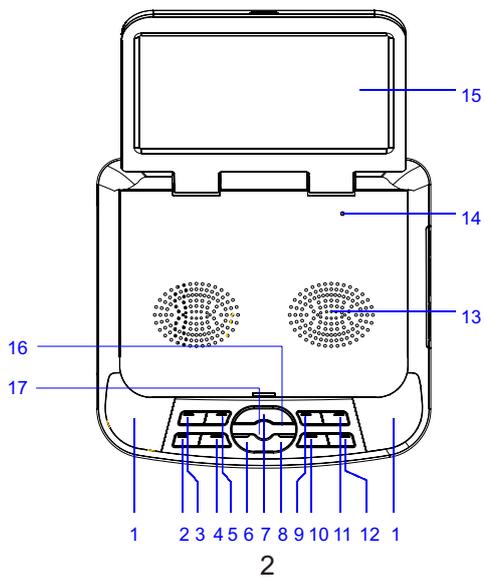
Safety precaution

For safety reasons, when changing video media it is recommended that the vehicle is not in motion, and that you do not allow children to unfasten seat-belts to change video media or make any adjustments to the system. System adjustments can be accomplished using the remote control, while seat-belts remain fastened.

FEATURES

- 10" TFTLCD (TFT) monitor
- Built-in DVD Player
- Selectable(M1 and M2)IR Receive and Transmit Codes
- Multi-Lingual OSD (OnScreen Display) forControl of PictureQuality and Functions
- Audio\Video SourceInputs
- Dome Lights withBuilt-in Three Way Switch
- Last Memory forDVD
- Built-in 16 Channel Frequency Wireless FMModulator
- EARphone Jack
- Screen Mode Selection(16:9, 4:3)
- Backlit Controls
- Day\Night Picture Modes
- AV\Output
- USB\SD support

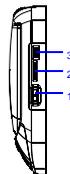
CONTROLS AND INDICATORS DIAGRAM (FRONT VIEW)



2

CONTROLS AND INDICATORS DIAGRAM (FRONT VIEW)

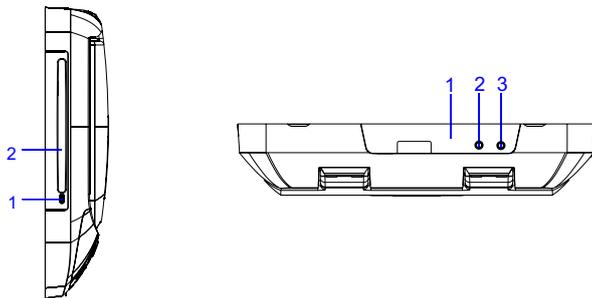
- 1: Dome Lights**
Provide additional interior illumination .
- 2: STOP (■)**
This button is used to stop playback.
- 3: SCREEN MODE**
Wide (16:9) , Normal (4:3)and display off
- 4: EJECT (▲) Button**
This Button is used for ejecting discs from the disc compartment .
- 5: FMM**
Used to select the frequency in sequence rotation : FM OFF, CH 1 88.1MHz, CH2 88.3MHz, CH 3 88.5MHz, CH4 88.7MHz, CH 5 88.9MHz, CH6 89.1MHz, CH 7 89.3MHz, CH8 89.5 MHz, CH 9 89.7MHz, CH10 89.9MHz, CH11 90.1MHz, CH12 90.3MHz, CH13 90.5MHz, CH14 90.7MHz, CH15 90.9MHz, CH16 91.1MHz,
- 6: POWER (⏻)**
Used to turn the system on/off.
- 7: PRESS**
Press this button to TFT LCD open monitor. After the unit has been turned on and is displaying a picture, adjust the viewing angle, by pivoting the screen to optimize the picture quality.
- 8: PLAY\PAUSE (▶|)**
This button is used to start playback and pause to disc.
- 9: VOLUME(-)**
To decrease the volume of wired headphones and decrease the level of selected picture controls
- 10: PIC**
Allows the user to enter the picture adjustment mode
- 11: VOLUME(+)**
To increase the volume of wired headphones and decrease the level of selected picture controls
- 12: SOURCE**
Use to select one of the sources: DVD VIDEO1, VIDEO2, MEDIA.
- 13: Ventilation Openings**
- 14: LCD cut off switch**
- 15: LCD Panel**
- 16: Wireless Headphones Transmit .**
- 17: Remote control window**



- 1: Three Position Dome Light Switch**
ON-Turn on the dome lights
OFF-The dome Lights will not turn on in this position
AUTO-Automatically switches on the dome lights in conjunction with the vehicle interior illumination.
- 2: SD Card Reader**
Sustain SD Card\MMC .
- 3 : USB 2.0 INPUT FOR USB PEN DRIVE**

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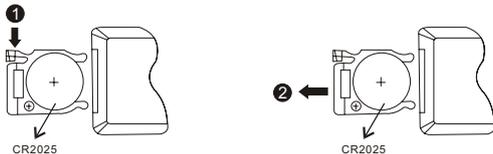
CONTROLS AND INDICATORS DIAGRAM (FRONT VIEW)



- 1: DISC indicator light
- 2: DVD Disc insertion slot

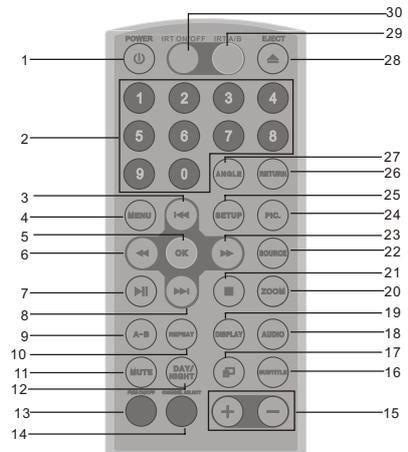
- 1: REMOTE CONTROL WINDOW
- 2: AV IN Jack
- 3: Headphone Jack

Remote CONTROL OPERATION



Before attempting to operate your Remote Control, install the batteries as described ibid.

Function descriptions



- 1: POWER Button—press this button to turn the unit ON and OFF
- 2:NUMBER Button
Allow the user to enter numbers 0 to 9 for selection of selection of CD tracks, DVD chapters, password setting
- 3: PREVIOUS CURSOR (◀/▶)
GO the previous chapter or track. cursor use to menu selections on the screen.
- 4: MENU Button
Allows the user to access the DVD (DVD MODE)
- 5: OK Button (ENTER)
Used to implement a selected setting or menu option
- 6: SCAN BACKWARD CURSOR (◀/▶)
Scan backward at 2, 4, 8, 16 or 4 times speed. cursor use to menu selections on the screen.
- 7: PLAY/PAUSE (⏮/⏭)
This button is used to start playback and pause to disc.
- 8: NEXT CURSOR (▶/▶)
GO the next chapter or track. cursor use to menu selections on the screen.

Function descriptions

- 9: A—B
Allow user repeat the playback from point A to point B .
Once Repeat A- Mark the beginning of the section to repeat (Set point A)
Twice Repeat AB Mark the end of the section repeat (Set point B)
3 times AB off Cancel the A-B repeat function .
- 10: REPEAT
Allows the user to repeat a selected title , chapter , or track .
For MP3 disc, press "repeat" to repeat playing present file; press it again to repeat playing the folder .
- 11: MUTE
Press this button to mute the audio for wireless FMM and wired headphones.
- 12: DAY/NIGHT Mode Button
This control toggles the unit between "DAY" and "NIGHT" LCD illumination modes .
in the "DAY" mode, the LCD backlit intensity is at maximum. In "NIGHT" mode, the LCD backlit is dimmed to a preset level that is more suitable for low light operation .
- 13: FMM ON/OFF
Turns the wireless FM Modulator on or off.
- 14: CHANNEL SELECT
Selects the wireless FM Modulator Frequency (CH1 88.1MHz, CH2 88.3MHz, CH3 88.5MHz, CH4 88.7MHz, CH5 88.9MHz, CH6 89.1MHz, CH 7 89.3MHz, CH8 89.5MHz, CH9 89.7MHz, CH10 89.9MHz, CH11 90.1MHz, CH12 90.3MHz, CH13 90.5MHz, CH14 90.7MHz, CH15 90.9MHz, CH16 91.1MHz).
- 15: VOLUME (-) / (+)
Press to decrease or increase the volume level of the picture adjustments .
- 16: SUBTITLE
Press to display and select the available subtitle language in DVD mode .
- 17: Screen Mode Selection ()
Press the button to screen 16:9 or 4:3 mode .
- 18: AUDIO
Press the button to audio language selection (depend on discs) .
- 19: DISPLAY
Press to display current disc information while the disc is playing .
- 20: ZOOM
Press this button to enlarge the picture when playing a DVD disc .
Once Enlarge the picture 1 times of the original size
Twice Enlarge the picture 2 times of the original size
3 times Enlarge the picture 3 times of the original size
4 times Enlarge the picture 4 times of the original size
5 times Picture is returned to original size .

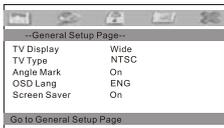
Function descriptions

- 21: STOP
Press to stop playback .
- 22: SOURCE
Each time (the button is pressed, the audio/video source will change in the menu selection . (DVD\AV1\CARD\USB)
- 23: SCAN FORWARD ( / )
Scan Forward at 2.4.8.16 or 4 times speed . cursor use to menu selections on the screen .
- 24: PIC
Allows the user to enter the picture adjustment mode. (BRIGHTNESS, CONTRAST, Hue, Saturation RESET). Once the desired adjustment bar is displayed, use the VOLUME(+) \ VOLUME(-) button to adjust the setting . the display will automatically turn off on adjustments are made within 6 seconds , or is any other button is pressed .
- 25: SETUP
Press to display the setup menu which allows the user to change the DVD player options such as OSD LANGUAGE, PARENTAL CONTROL etc .
- 26: RETURN
Press Return once : Go to disc menu .
Press Return Twice : Go to movies playback
- 27: ANGLE
To display multi angle picture (depend on discs)
- 28: EJECT ()
This is used to eject the disc.
- 29: IRT A-B
Press to change IRT transmit band between A&B.
- 30: IRT ON/OFF
Turns the IRT on or off .

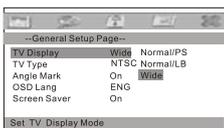
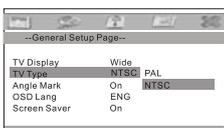
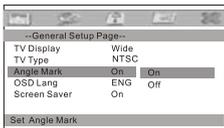
SETTINGS AND ADJUSTMENTS

The setup Menu contains features and options that let you customize your DVD player . For example , you can set a language for the on screen display, limit playback for children

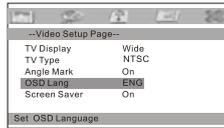
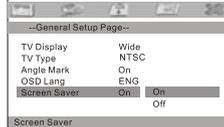
SYSTEM SETUP

 <p>--General Setup Page--</p> <p>TV Display Wide TV Type NTSC Angle Mark On OSD Lang ENG Screen Saver On</p> <p>Go to General Setup Page</p>	<p>Press "Setup" button, the main menu will be displayed on the screen.</p> <p>In the General Setup Page, press ◀▶ button to highlight this item.</p> <p>Press OK button to access.</p> <p>Press ▲▼ button to select the settings.</p> <p>Press OK button to confirm your selection.</p> <p>Press ◀ button to exit.</p>
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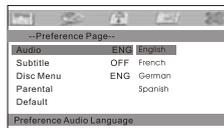
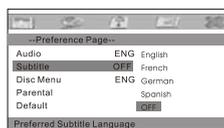
GENERAL SETUP PAGE

 <p>--General Setup Page--</p> <p>TV Display Wide Normal/PS TV Type NTSC Normal/LB Angle Mark On Wide OSD Lang ENG Screen Saver On</p> <p>Set TV Display Mode</p>	<p>TV Display</p> <p>Enter this option, user can set screen display format (Normal/PS, Normal/LB, Wide)</p> <p>The default is "Wide"</p> <p>Note</p> <p>☆ The function depends on the display ratio with which the DVD disc is recorded.</p> <p>☆ Please choose "Wide(16:9)" when using 16:9 wide screen TV set 16:9.</p>
 <p>--General Setup Page--</p> <p>TV Display Wide TV Type NTSC PAL Angle Mark On NTSC OSD Lang ENG Screen Saver On</p> <p>Set TV Standard</p>	<p>TV Type</p> <p>Enter this option to select TV type (PAL, NTSC)</p> <p>The default is NTSC.</p>
 <p>--General Setup Page--</p> <p>TV Display Wide TV Type NTSC Angle Mark On On OSD Lang ENG Off Screen Saver On</p> <p>Set Angle Mark</p>	<p>Angle Mark</p> <p>Enter this option to set the angle during playback.</p> <p>Optional setting: ON, OFF</p> <p>The default is PAL</p>

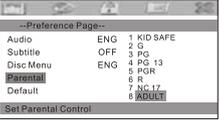
SYSTEM SETUP

 <p>--Video Setup Page--</p> <p>TV Display Wide TV Type NTSC Angle Mark On OSD Lang ENG Screen Saver On</p> <p>Set OSD Language</p>	<p>OSD Language</p> <p>In this option, user can set OSD menu language. The default is English.</p>
 <p>--General Setup Page--</p> <p>TV Display Wide TV Type NTSC Angle Mark On OSD Lang ENG Screen Saver On On Off</p> <p>Screen Saver</p>	<p>Screen Saver</p> <p>Enter this option to set whether to activate the screen saver function.</p> <p>The default is ON.</p>

SYSTEM SETUP

 <p>--Preference Page--</p> <p>Audio ENG French Subtitle OFF French Disc Menu ENG German Parental ENG Spanish Default</p> <p>Preference Audio Language</p>	<p>Audio</p> <p>Enter this option, user can select your preferred audio language for DVDs. The default is English.</p> <p>Note</p> <p>☆ The audio language depends on the material on each disc.</p> <p>☆ User can also change the audio language during playback by pressing the Audio button.</p>
 <p>--Preference Page--</p> <p>Audio ENG English Subtitle OFF French Disc Menu ENG German Parental ENG Spanish Default OFF</p> <p>Preferred Subtitle Language</p>	<p>Subtitles</p> <p>Select your preferred language to show the subtitles on the screen. The subtitle languages depend on the information available on each disc. You can also change the subtitle language during playback by pressing the Subtitle button.</p>

SYSTEM SETUP

	<p>Disc Menu This function allows you to choose the menu language stored on the disc. The default is English. The function is only available for DVD.</p>
	<p>Parental Enter this option, users can set child lock to prevent children watching some unsuitable content in DVD disc. The function is disc-dependent. The default is ADULT.</p>
	<p>Default Select this item and press OK button to reset all settings to the original factory settings.</p>

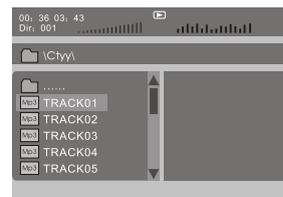
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PLAYING JPG FILES

1. Place a JPG disc into the tray, the unit will start reading and play.
2. Press MENU to browse JPG files.
3. Press "▲ ▼" to select a JPG file and press OK button to confirm.
4. Press "◀ ▶" to rotate the picture counter-clockwise, press "▶" to rotate the picture clockwise.
5. Press DISPLAY when viewing pictures, you can select different refresh mode as follows:
 - a. from top to bottom
 - b. from bottom to top
 - c. from left side to right side
 - d. from right side to left side
 - e. from left top to right bottom
 - f. from right top to left bottom
 - g. from left bottom to right top
 - h. from right bottom to left top
 - i. from horizontal center to both sides
 - j. from vertical center to both sides
 - k. from top and bottom to center
 - l. From right and left to center
 - m. from four window's top side to bottom side
 - n. from four window's left side to right side
 - o. from 4 edges to center
6. During viewing files, "∅" may appear when pressing "Angle" or "Subtitle" or "Audio" or "Title" etc, in this situation, these options are unavailable to operate.
7. When viewing JPG files, press "■", pictures will be displayed in thumbnail mode, press "▲/▼/◀/▶" or "OK" button to select one picture to view.

PLAYING MP3 FILES

1. Place MP3 disc into the disc door or insert USB disk, SD card to USB port or SD card slot, press "▲/▼" or "OK" button to choose a MP3 file, press "▶" or "OK" button to play the file selected.



11

SOURCE FEATURE

DVD
AV1
USB
SD

DVD

When a disc is loading to the DVD player, the program system will switch to DVD mode directly whatever the CARD or USB and AV is in play condition.

Last Memory for the DVD mode: Every time turning power on, it will play from the point stopped last time.

At power OFF mode, put into a disc, and it can automatically slot in the disc and turn power on.

AV1

The unit will accept an audio/video input through the 3 RCA jacks located on the rear of the unit. The audio/video device can be a video game system, video camera, or other input device.

CARD

Insert a card (compatible with normal SD/MMC/MS) and play content.

Supported format: MP3, JPEG, AVI, MPEG 1, II etc.

USB

Insert USB and play content.

Supported format: MP3, JPEG, AVI, MPEG 1, II etc.

OVERHEAD DOME LIGHTS

The Dome Light integrated into the F101 are controlled by a three position slide switch. Sliding the switch to the ON position will turn the light ON. The OFF position will prevent the lights from turning ON with the vehicle interior lighting, and the auto position will allow the lights to turn ON and OFF with the vehicle interior lighting. Refer to the installation guide for wire connections. Do not leave the vehicle unattended with the dome light switch in the ON position, as this could result in a discharged battery.

REMOTE SENSOR

The unit incorporates two infrared remote sensors which relay signals from the remote control to allow the unit to be controlled simply by pointing its remote control at the remote sensor. The infrared sensor can relay signals from most manufacturer's remote control to its respective component connected to the AV input, in this case, you must use the remote control supplied with the component.

TROUBLE SHOOTING

PROBLEM	SOLUTION
IR remote inoperative	<ol style="list-style-type: none"> 1. Verify that the batteries in the remote are fresh. 2. Verify that the remote sensor eye is not obstructed.
Disc won't play	<ol style="list-style-type: none"> 1. Insert a disc with the label side facing up. 2. Check the type of the disc you put into the disc tray. This DVD only plays DVD, VCD, audio CD, JPEG, MP3 and MPEG4. 3. Both the unit and the disc are coded by region. If the regional code doesn't match, the disc can't be played.
Play starts, but then stop immediately	<ol style="list-style-type: none"> 1. The disc is dirty, clean it. 2. Condensation has formed, allow player to dry out.
No sound or distorted sound	<ol style="list-style-type: none"> 1. Make sure your DVD is connected properly. Make sure all cables are securely inserted into the appropriate jacks. 2. If you are using 2-channel IR headphones, make sure you turn on the IR headphone power, make sure the correct channel (A-B) is selected. 3. Make sure the modulator is ON and the proper frequency has been selected.
Can't advance through a movie	<ol style="list-style-type: none"> 1. You can't advance through the opening credits and warning information that appears at the beginning of a movie because the disc is programmed to prohibit that action.
The icon (⊙) appears on screen	<p>The feature or action cannot be completed at this time because</p> <ol style="list-style-type: none"> 1. The disc's software restricts it. 2. The disc's software doesn't support the feature. 3. The feature is not available at the moment. 4. You've requested a title or chapter number that is out of the range.
Picture is distorted	<ol style="list-style-type: none"> 1. The disc might be damaged, try another disc. 2. It is normal for some distortion to appear during forward or reverse scan.

SPECIFICATIONS

Type : TFT Active Matrix LCD
Pixels : 800x480
Operation Temperature : 0~ 55°C
Storage Temperature : -20~ 70°C
Back light : LED
Power Source : DC12V
Video Display System : NTSC/PAL
Headphone Audio Output : 0.05W @ 32 ohms
Video Output : 1.0Vpp @ 75 ohms

FCC STATEMENT

1. This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
 - (2) This device must accept any interference received, including interference that may cause undesired operation.
2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

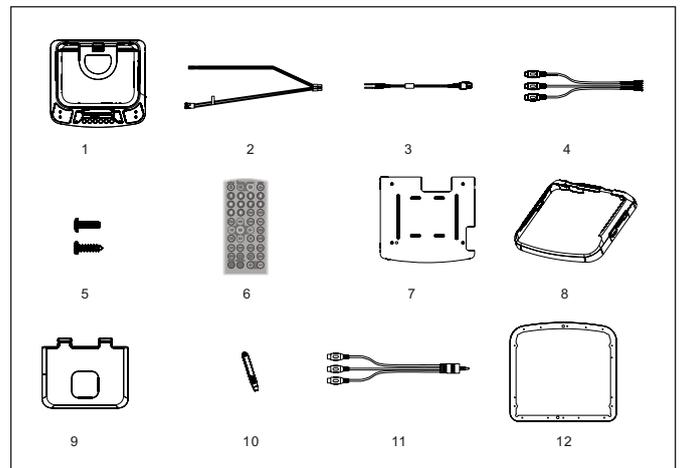
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Installation Guide

MATERIALS INCLUDED IN THIS PACKAGE:

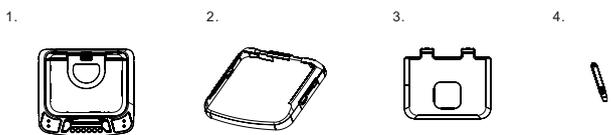
- 1) 10" LCD Overhead Monitor with DVD play-(1 PCS)
- 2) 6 Pin Power harness (1 PCS)
- 3) 2 Pin Power / Wire Harness with choke (1 PCS)
- 4) 3 RCA jack pigtail (1 PCS)
- 5) hardware package
M5*9 — 4PCS
TA4*9 — 6PCS
- 6) Remote Control (1 PCS)
- 7) Mounting Bracket(1 PCS)
- 8) Snap on cover 3pcs
- 9) Snap on cover 3pcs
- 10) Pry Tool
- 11) 3.5mm TIP/3RCA JACK PIG TAIL (1PC)
- 12) 3pcs



GENERAL INSTALLATION APPROACH

- 1) Decide upon system configuration and options that will be installed.
- 2) Review all manuals to become familiar with electrical requirements and hook ups
- 3) Decide upon mounting location of all components and method of mounting
- 4) Prep the vehicle by removing any interior trim necessary to gain access to vehicle's wiring as well as all areas where interconnecting wire harnesses will need to be located. If any access holes need to be cut into the vehicle, this should be done now as well.
- 5) Route the wiring harnesses throughout the vehicle as necessary. (Refer to the wiring Diagrams on this manual as well as the wiring instructions for the individual components and accessory options being installed). Be sure that all wiring is protected from sharp edges and is routed in such a manner that it is not pinched when all components and interior trim are fully installed. Be sure to leave enough slack in the wiring at each component to allow working room
- 6) Remove all A/V system components from their packaging and place them loosely in the vehicle at their respective locations.
- 7) Connect all components together and verify proper operation of all system functions.
Note: This is best done BEFORE components have been permanently mounted.
- 8) After verifying proper operation of the system, proceed to mount of each component
- 9) When all components are mounted, recheck function of entire system again to ensure that no wiring was pinched or connected improperly during final installation.

Installing the snapon covers



Place the pod on a soft surfaces to avoid danning the plastic

Shroud

Screen Back Cab

Pry Tool

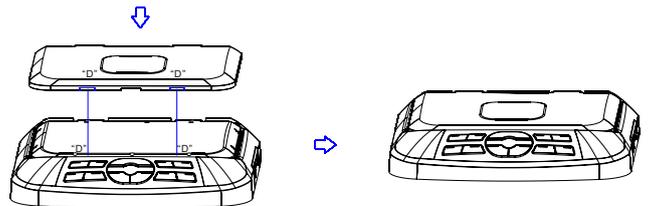
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Disconnect the screen cover



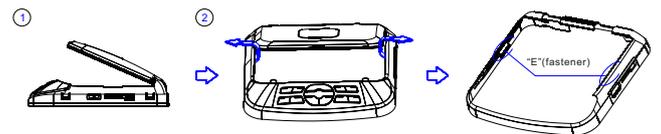
Inset the supplied prytool to "A", "B" and "c" snap on cover.

Installing the screen cover



Open the screen and hook the two tabs "D" on the bottom edge of the screen snap the opposite side over the brinige

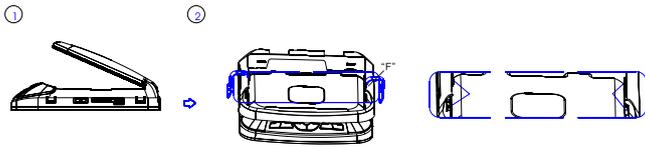
Disconnect the shroud



Begin by hooking area "E" (fastener) over the dome light and slide the cover over the pod. The cover will snap in place.

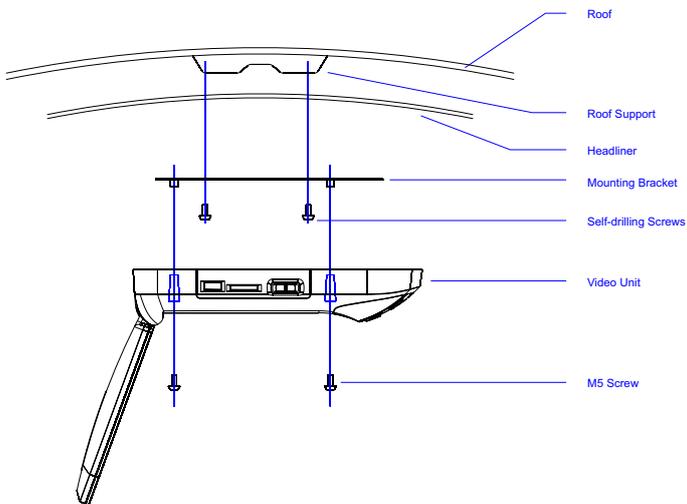
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Installing the shroud



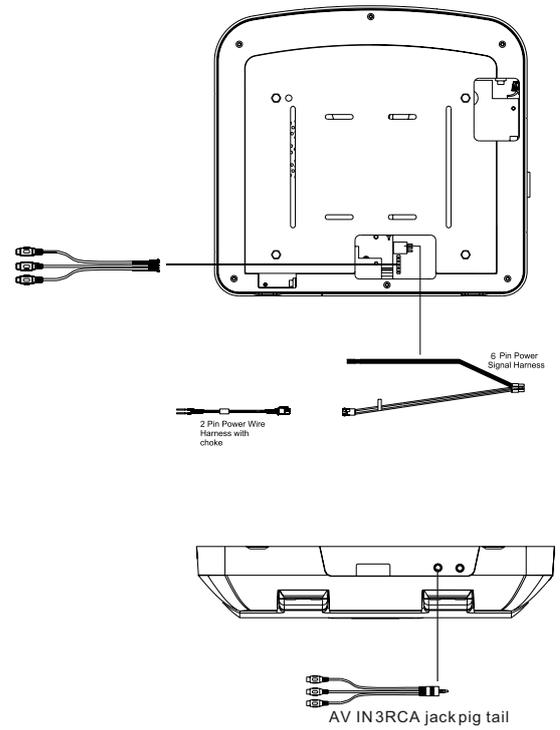
Open the monitor angle to pull "F" fist note and contraposition "I" button up

GENERAL INSTALLATION APPROACH



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GENERAL INSTALLATION APPROACH



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CONNECTING THE DOME LIGHTS

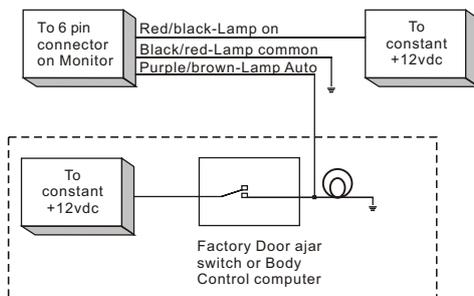
The dome lights in the video monitor require three connections to the vehicle's wiring. There are two common types of dome light circuits used, positive or negative switched. Positive systems supply voltage to the interior lights to turn them on, negative switched systems apply ground to illuminate the bulbs. To determine which system you have you must locate the wires at the dome light. On a positive switched system, with all the doors closed and lights out, both wires at the dome light will rest at ground. When the light is activated, one of these wires will switch to +12 vdc. This is vehicle's switching wire. On a negative switched system, with all the doors closed and the lights out. Both wires at the dome light will rest at +12vdc. When the light is activated. One of these wires will switch to ground. This is the switching wire.

For positive systems, connect the purple/ brown (Lamp auto) wire to vehicle's switched wire. Then connect the red / black (lamp on) wire to a fused constant 12 volt source and the black/red (lamp common) wire to a good ground. Positive systems are commonly found on Ford vehicles.

For negative systems, connect the purple/ brown (Lamp auto) wire to the vehicle's switched wire. Then connect the red / black (lamp on) wire to a good ground and the black / red (lamp common) wire to fused constant 12 volt source. Negative systems are commonly found on General Motors and import vehicles.

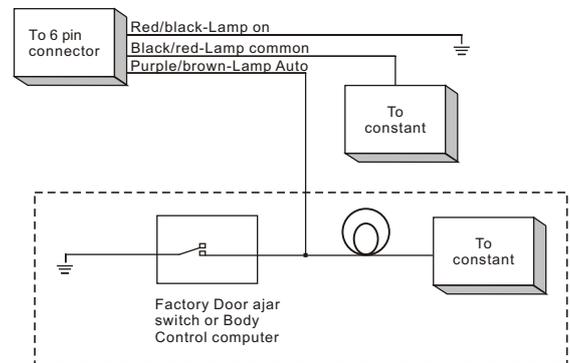
NOTE: Some vehicles which incorporate transistorized control of the dome light circuit, such as the 1999 Dodge Caravan, may require that the purple / brown (Lamp auto) wire be connected to the door pin switch wire, as the additional current draw of the Monitor's lights may not be supported by the output of the vehicles body control computer.

Positive Switched Dome Lighting



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Negative Switched Dome Lighting



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