

Technical Bulletin

Date Released:	6-17-15	Tracking Number:	TBVCMS140I
Document Revision:	-		
Date Revised:	-	Written By:	D. Robinson
Model/Part No.:	VCMS140I		

Re: Replacing the Voyager VCMS140I

Details:

➤ **Steps To Replace VCMS140I**

- Begin by removing the mounting screws on either side of the camera. Note all mounting options used in the original installation



- (If possible and with care) Pull the camera cable out of the body of the vehicle approximately 10" until you can see and are able to disconnect the camera cable from the extension cable that runs to the front of the vehicle.
 - o If the cable pulls tight before the connection is reached DO NOT pull harder, as this could damage the cable.
 - o You will need to find any other available access point to the camera cable in order to disconnect the camera from the cable.

***NOTE:** The location of the connection and access point will vary depending on the vehicle and mounting requirements.



- Now connect the new camera to the extension cable and route it through the opening in the body of the vehicle.

***NOTE:** The cable should be reinstalled in such a way that it prevents potential damage points. (Snagging, Pinching, Cutting, etc.)

- Install the new camera in the same manner as the original camera.



➤ Checking Picture Orientation

- Turn the key in the vehicle to run and press the power button on the monitor.
 - o If the monitor does not turn on with the power button, put the vehicle in reverse to turn on the monitor.
- Check the image from the new camera for proper orientation.
 - o **e.g.** – *what is on the right rear of the coach, appears on the right side of the monitor; same for the left side. Items closer to the vehicle should show at the bottom of the screen and items further away move toward the top of the screen.*
- If the picture from the new camera is oriented correctly, the installation is complete.
- If the image from the new camera is not correct, it will need to be corrected via the monitors menu.

➤ Correcting Picture Orientation

- If the monitor turned on with its power button, follow the steps below to adjust the picture orientation depending on the size of your monitor.
 - **5" Voyager Monitor:**
 - While viewing the image from the new VCMS140I on your monitor, press and hold the power button for 5 seconds and release. You should notice that the image has flipped. Confirm the orientation and repeat this step if necessary.

NOTE: *This action simply toggles picture orientation between mirror or normal view and does not navigate to a menu screen.*
 - **7" Voyager Monitor:**
 - The process for 7" Voyager monitors will depend on the model of the monitor which is installed. See below for actual Owners Manual Excerpts for the two most common 7" monitor models installed.

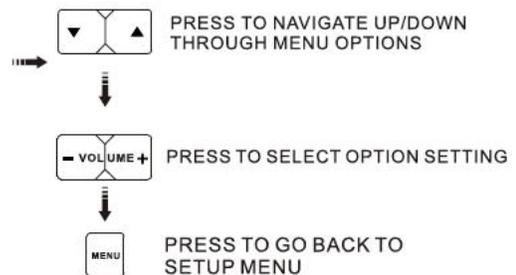
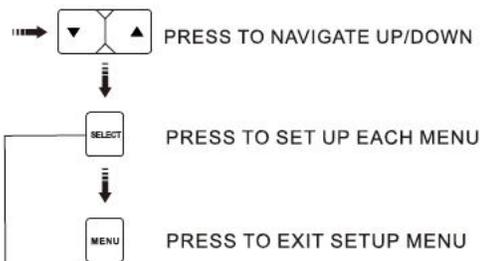
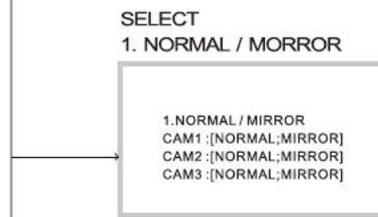
AOM713:



- Press menu button over 2 seconds enters setup menu (See Fig.2)
- Press again before time out exits menu mode



Fig.2 Setup Menu

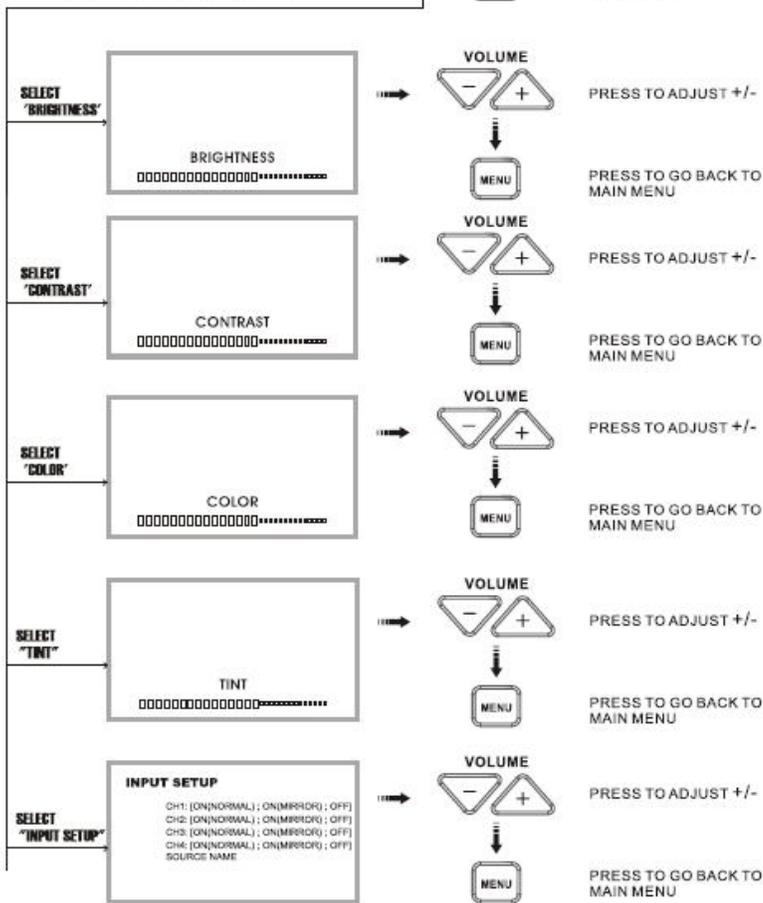
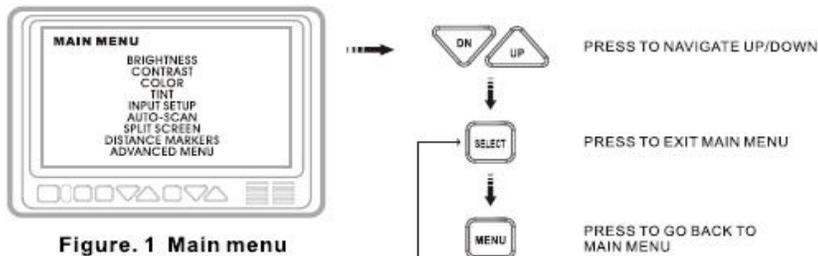


AOM7694:

2. MENU



- Press once to enter main menu mode (See Figure1).
- Press again before time out to exit the menu mode.
- Time out of OSD menu is approximately 8 seconds from when the last key was pressed.



- When the vehicle must be shifted into reverse in order to turn on the monitor, the trigger lead must be deactivated/DE energized first before the monitors settings can be adjusted.
 - o These steps are the same whether a 5" or a 7" Voyager monitor is installed.
 - Locate the power harness for the monitor. (May be hidden in the dash or headliner depending on the monitors location)
 - Disconnect the appropriate trigger lead from power. (blue for camera input 1 or brown for camera input 2)
 - Supply power to monitor via key switch.
 - o Now complete one or the other of the following steps to adjust the orientation of the picture: ***NOTE:** *If the monitor does not respond to the following steps, revisit the trigger leads and ensure they are completely deactivated. (a powered trigger lead will lock out the menu's necessary to complete the following steps).*
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 - o **7" Voyager Monitor:**
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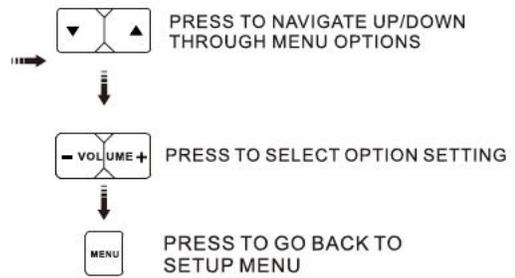
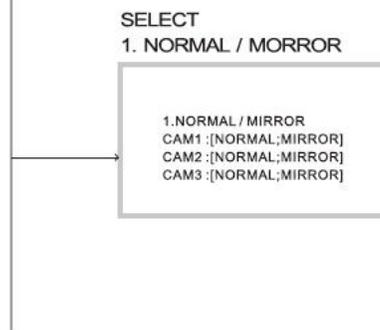
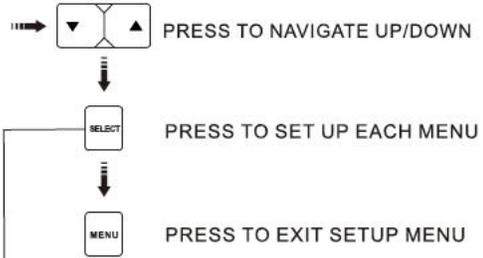
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Fig.2 Setup Menu



AOM7694:

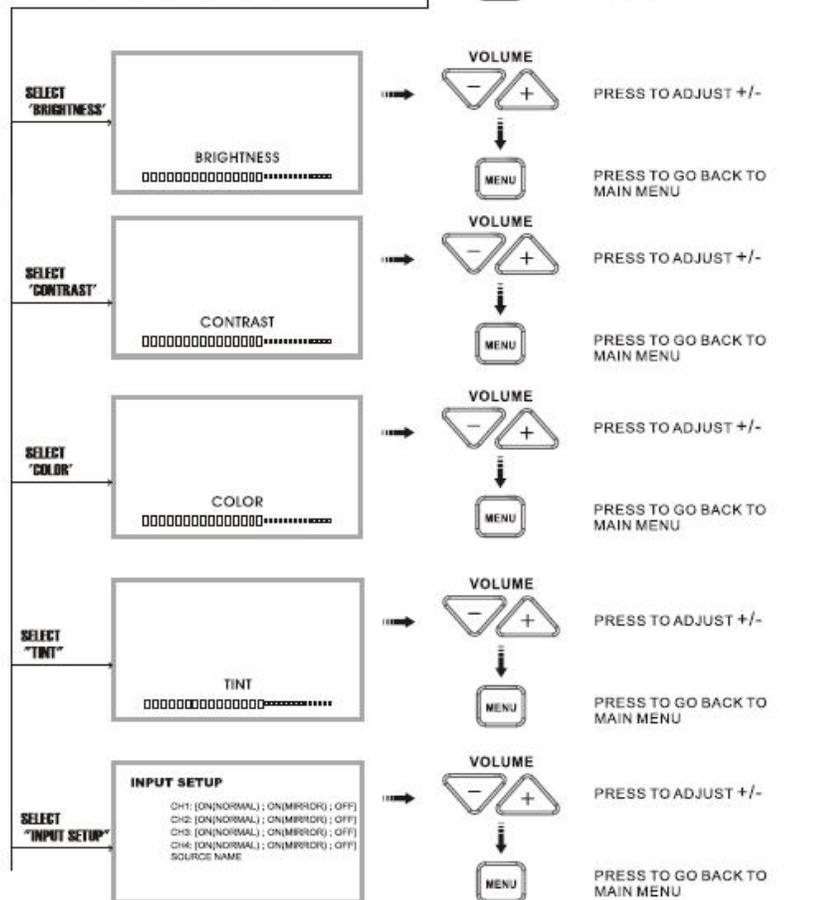
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- Press once to enter main menu mode (See Figure1).
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Figure. 1 Main menu



- Once the pictures orientation is correct, go back to the monitor wiring and reconnect power to the trigger. Test to ensure the monitor turns on only in reverse again.
- The installation is now complete.