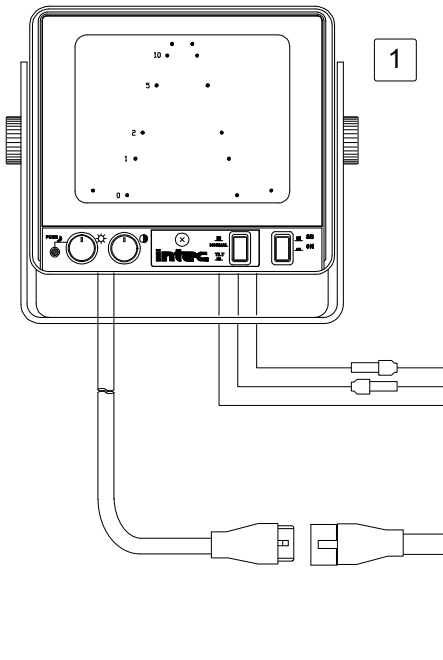
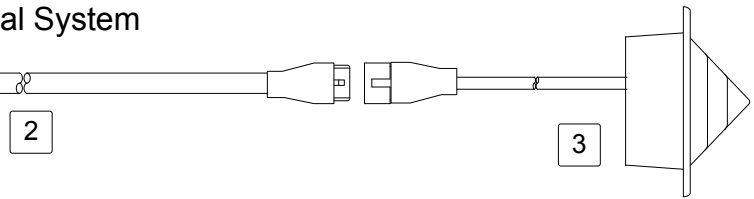


CVM Series to CVD Series
Replacement Instructions
Single Camera System



Item	Quantity	Part Number	Description
1	1	CVMxxx	Car Vision Monitor
2	1	CVU18M	Cable
3	1	CVCxxx	Car Vision Camera

Original System



The following instructions will guide you through the steps required to replace your older Car Vision® system with a new Car Vision® system using the existing cable. **Please read and understand all the instructions before proceeding with the installation.**

Removing the existing monitor:

- Disconnect Ground from the vehicle battery.
- Unplug the monitor pigtail from the main cable. Note: Some CVM series monitors have removable pigtails, the pigtail needs to be disconnected from the main cable, not the back of the monitor.
- Cut the power (red), ground (black), and reverse trigger (blue) wires about a foot from the monitor.
- Remove the monitor.

Install the new CVS100M controller:

- Plug the main cable into the CVS100M controller camera connector. Note: The controller can be installed anywhere inside the coach as long as it is within the 6 meter length of the CVDC6MA controller to display cable. Refer to the wiring diagram on page 2 for additional information.
- Plug the CVS100MP3M power harness into the controller.
- Plug the CVDC6MA cable into the controller.
- Connect to power by splicing the CVS100MP3M power harness to the existing power wires; red to red, black to black, and blue to blue.

Install the new display and remote:

- Prepare the dash to install the new display. For flush mount installations see the chart on page 3 and modify your dash or overhead opening accordingly. For bracket mount installations follow the directions on the quick installation guide provided with your new display.
- Attach the CVDC6MA cable to the display's Controller (inside) connector. Refer to the graphic on page 2.
- Connect the CVR100 remote to the display's Remote (outside) connector. Refer to the graphic on page 2.
- Temporarily install the new display and remote.

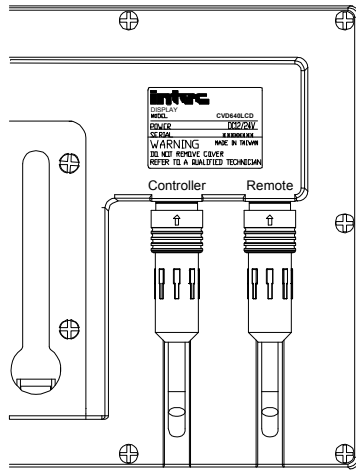
Install the new camera:

- Remove the existing camera from the rear of the coach and unplug it from the main cable.
- Determine how the new camera will be installed. If bracket mounted determine location and secure bracket. If flush mounted determine location and cut or enlarge the opening, if necessary, to accommodate the new flush mount enclosure.
- Plug the new camera into the main cable.
- When installing a CVC500AH series camera use the 313-02-02-002 adapter. Plug the 12 pin end into the main cable. Plug the other end into the camera.

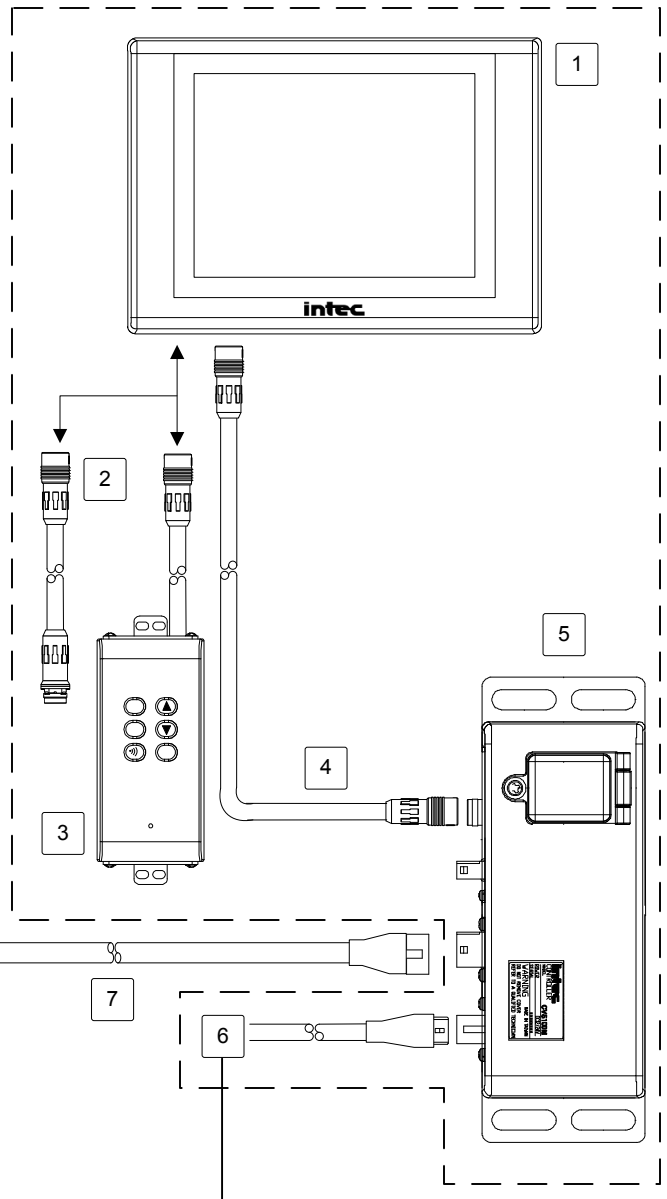
Test the system and Complete the installation:

- Reconnect the vehicles battery ground.
- Turn the system on and adjust as needed.
- Secure the new display, remote, controller and camera.

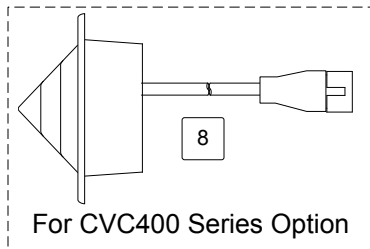
Display Connection Detail



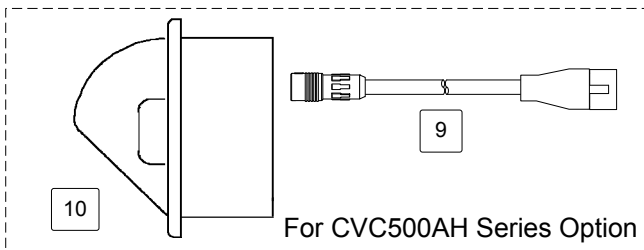
Upgraded System



Item	Quantity	Part Number	Description
1	1	CVDxxxLCD	Car Vision Display
2	1	CVDR5MA	Optional Remote Extension Cable
3	1	CVR100	Remote Control
4	1	CVDC6MA	Six Meter Display to Controller Cable
5	1	CVS100M	Controller – Molex Version
6	1	CVS100MP3M	Power Harness for Molex Controller
7	1	CVU18M	Existing Coach Cable
8	1	CVC400(FM)	M Series (Flush Mount) Camera



For CVC400 Series Option



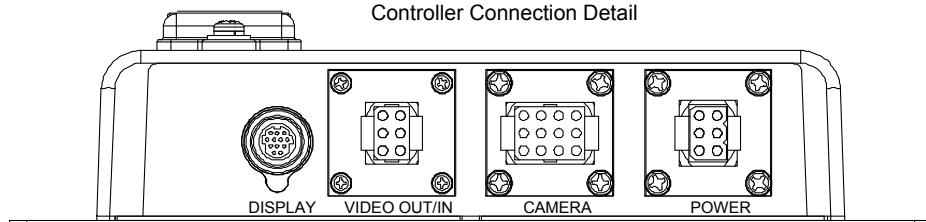
For CVC500AH Series Option

Item	Quantity	Part Number	Description
9	1	313-02-02-002	Adapter – Cable to CVC500AH
10	1	CVC500AH(FM)	H Series (Flush Mount) Camera

See The Power Connection Table Below For Wire Connection Details

Power Connection Table – CVS100	
Color	Function
Red	Power (+11 to +32 VDC)
Black	Ground
Blue	Reverse Trigger (+11 to +32 VDC)
Green	Source Alarm Out (Functional Only with Optional Radar Component)

Controller Connection Detail



Dimensional Charts and Recommendations.

Your Monitor – Dimensions do not include the mounting bracket.		Recommended Display – Dimensions do not include the mounting bracket.	
Monitor	Dimensions	Display	Dimensions
CVM450LPP Series	5" wide X 4 5/8" high	CVD500LCD	Outside 6 1/2" wide X 4 7/8" high (Back bump out 5 3/4" wide X 4 1/8" high)
CVM500	5" wide X 4 3/4" high		
CVM550LPP	5 3/8" wide X 5 1/8" high		
CVM600 Series	6 1/4" wide X 5 3/8" high	CVD650LCD	Outside 7 5/8" wide X 5 1/2" high (Back bump out 6 3/8" wide X 4 1/4" high)
CVM700LPP Series	7 1/8" wide X 6 5/8" high		

Your Camera - Flush Mount Dimensions		Recommended Camera - Flush Mount Dimensions	
Camera	Cutout Dimensions		
CVC110FM Series	2" wide X 2" high	CVC400FM	2 1/2" wide x 2 3/4" high
CVC111FM Series	2" wide X 2 5/8" high		
CVC112FM Series	2" wide X 2 5/8" high		
CVC210FM Series	2 1/2" wide X 2 1/2" high		
CVC120FM Series	4" wide X 3 3/4" high	CVC500AHFM ***	3 3/4" wide X 2 7/8" high
		*** Requires the 313-02-02-002 adapter to connect this camera to the main cable	

For additional information, please visit www.intecvideo.com/support.html
 You may also call us toll free at 800-468-3254 (West) or 800-522-5989 (East) or e-mail support@intecvideo.com with any questions.