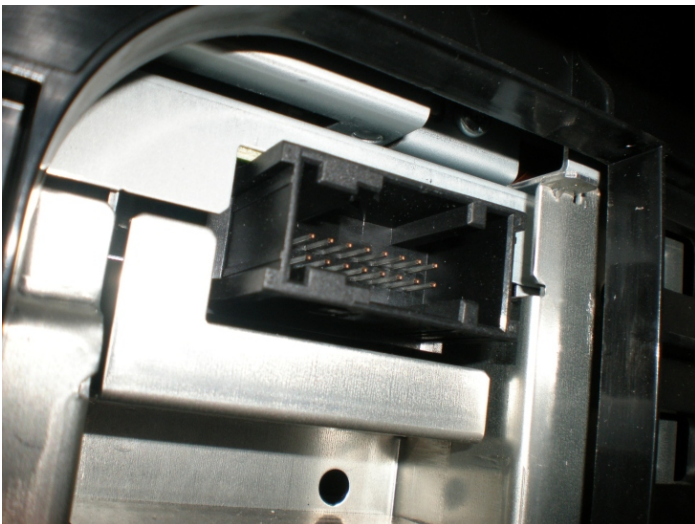


VE Commodore Video and Audio Input Diagram

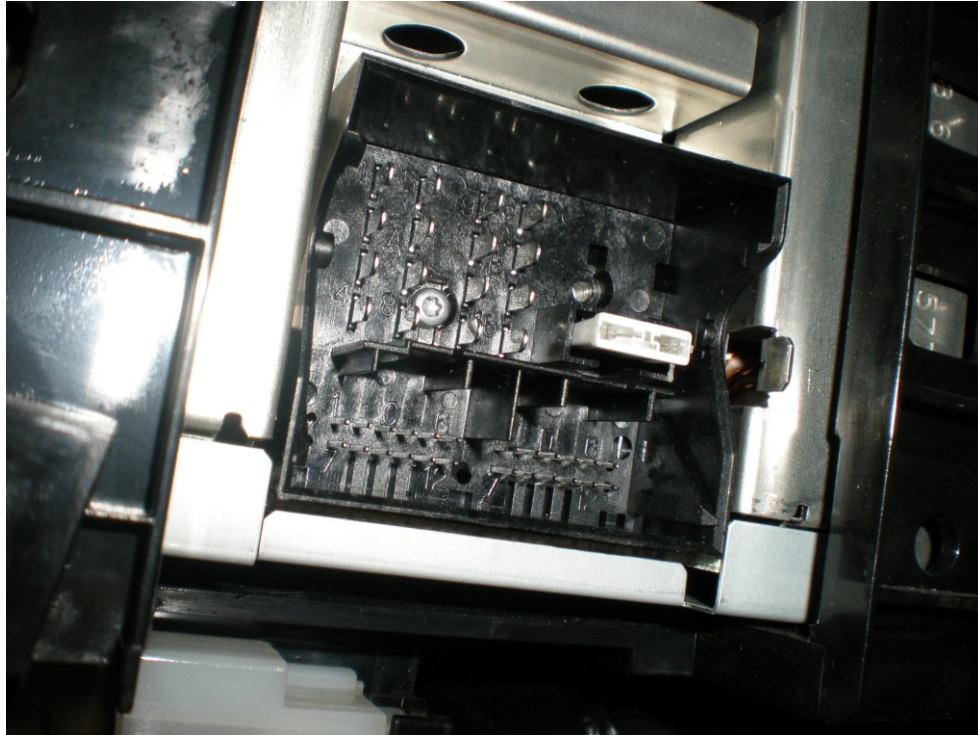


Remove dash panels to expose drivers side of the radio, you will notice 2 sockets on the side of the unit.



The top socket is the video input...

VE Commodore Video and Audio Input Diagram



Here you can see the pins you need for the left and right audio input, refer to next page for pin numbers and locations.

Please Note:

If the car has factory rear seat entertainment there will already be a plug in the C connector socket and the video input socket on the side of the head unit. If you want to add an additional source TV Tuner, X Box etc you will need to cut the audio and video input wires to the screen and route them to an AV switcher, which you will use to switch between the multiple video inputs. The factory screen only has 1 AV input. If you want to add a reverse camera to it you will need to follow the instructions on page 5.

40 PINS LEVER LOCK CONNECTOR

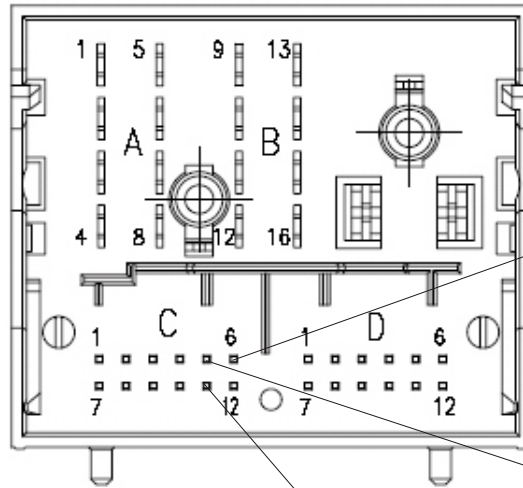
Pin	Description
A1	RR-
A2	RF-
A3	LF-
A4	LR-
A5	RR+
A6	RF+
A7	LF+
A8	LR+
B9	C-
B10	Batt+
B11	Spk Shield
B12	Info Gnd
B13	C+
B14	Batt+
B15	(Batt+)
B16	Info Gnd
C1	(Mic-)
C2	Out Cam
C3	Out L
C4	Navi-
C5	RSE L
C6	RSE Cam
C7	(Mic+)
C8	Out Shield
C9	Out R
C10	Navi+
C11	RSE R
C12	
D1	Tel -
D2	XM R-
D3	XM L-
D4	XM Shield
D5	Tel Mute
D6	GMLAN
D7	Tel +
D8	XM R+
D9	XM L+
D10	Amp Cntl
D11	SW14
D12	GMLAN

() Protection

CONNECTION:

1.	GMLAN	
2.	(Batt+)	①
3.	(Gnd)	①
4.	Batt+	
5.	GMLAN	
6.	(Gnd)	①
7.	(Gnd)	①
8.	Gnd	

() Protection ①



DETAIL Z

Common Signal Ground Input
Pin 6

Left Signal Input Pin 5

Right Signal Input Pin 11

Aux Audio Input:

Pin C5: Left Signal Input

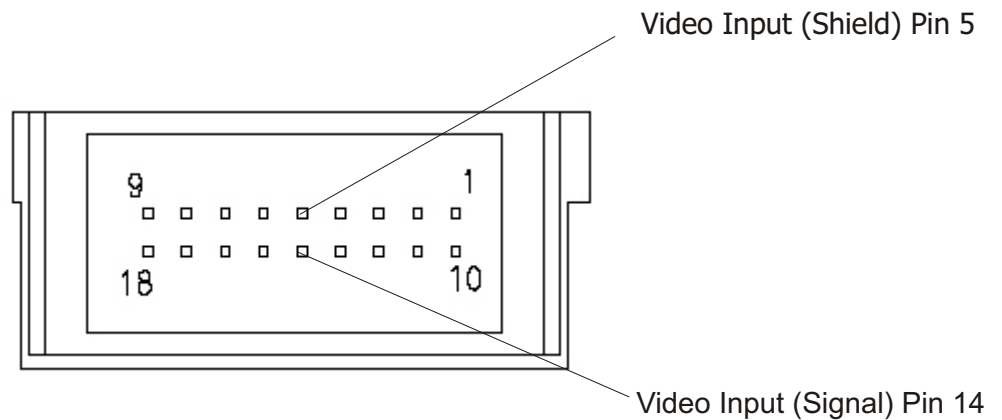
Pin C6: Common Signal Ground Input

Pin C11: Right Signal Input

Note: When you select aux on the headunit it will activate both the audio and video input.

WARNING:

Whilst every effort has been made to ensure the accuracy of this information, due to constant changes in vehicle manufacturing and sourcing of components wiring colours and pin configurations may vary. Always verify supplied information with a multi meter before making connections. AMG Audio accepts no responsibility or liability for any incorrect information or damage due to wrong connection.




Composite Video Input:


Pin 5: Video Input (Shield)

Pin 14: Video Input (Signal)

Our VE AV Adapter Kit includes all the correct pins and connectors to both the audio and video inputs

Please Note:

 If the car has factory rear seat entertainment you can already watch DVD's on the front factory screen, you just need the programmer to bypass the motion lock.

 When you select aux on the headunit it will activate both the audio and video input.

WARNING:

Whilst every effort has been made to ensure the accuracy of this information, due to constant changes in vehicle manufacturing and sourcing of components wiring colours and pin configurations may vary. Always verify supplied information with a multi meter before making connections. AMG Audio accepts no responsibility or liability for any incorrect information or damage due to wrong connection.

Pin	Description
1	BLUE
2	(Shield)
3	RED
4	
5	CVBS1 Com
6	(CVBS2 Com)
7	
8	
9	
10	RGB Com
11	GREEN
12	
13	CSYNC
14	CVBS1
15	(CVBS2)
16	
17	
18	

{ } Protection

How to add reverse camera and dvd to the VE Commodore using the one composite video input

The factory system only has one video input, if you need to add a reverse camera and a DVD player you will need to use a 5 pin changeover relay to switch to the camera view when reverse is selected.

Wire it up as follows...

Pin 30 = Output To factory DVD screen (Signal)

Pin 85 = +12v reverse trigger input

Pin 86 = Ground

Pin 87 = Camera Video Input (Signal)

Pin 87a = DVD Video Input (Signal)

NOTE:

1) This relay switches the composite video input from DVD to camera view when in reverse. You MUST use an REV-01 reverse camera interface to make the screen switch to composite input automatically when reverse is selected....a VIM-01 Programmer DOES NOT do this.

