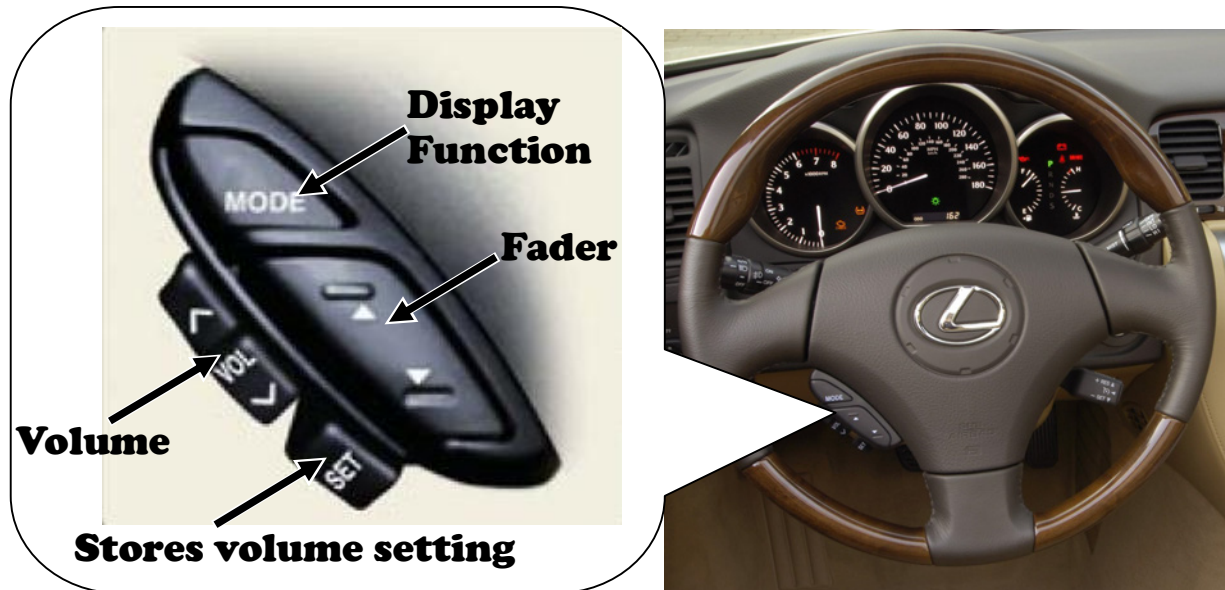



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Appendix A: MVA-12L / 13L Operation Manual




■ Video input display on the OEM Navigation screen (MFD).

 Push the “mode” button to display the video output from the new head unit.


Note: To return to the OEM Navigation screen function, you may press either the “Destination”, “Menu”, “Info” or “Display” button located below the OEM screen.

■ Adjusting the volume using steering wheel controls

 Up arrow to increases volume and the Down arrow to decreases volume.
Hold down the button to continue increasing or decreasing the volume.

Note: Both the volume knob on the new head unit and the volume control on the steering wheel may be used together. However, when the volume on the new head unit is adjusted too low and the volume from the steering wheel control is too high, noise is likely to occur. In contrary, if the volume from the steering wheel control is too low and the volume from the new head unit is adjusted too high, sound clipping may occur. As such, adjust the levels on both volume levels to yield best result. The recommended setting is to keep the volume level on the new head unit at 50% of maximum and adjust the volume only with the steering wheel buttons.

■ Storing the desired volume level

 Adjust the volume to the desired level and push and hold the “set” button until you hear a beep. The beep confirms that the volume level was saved. Push this button to restore the volume to the stored level after it has been adjusted.

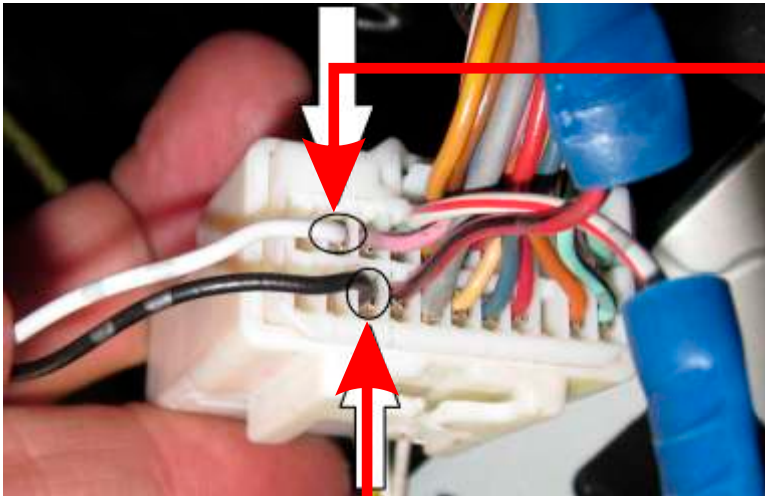
■ Adjusting the fader(Forward-rear balance)

 Up arrow to set fader to the front and down arrow to set fader to the rear.

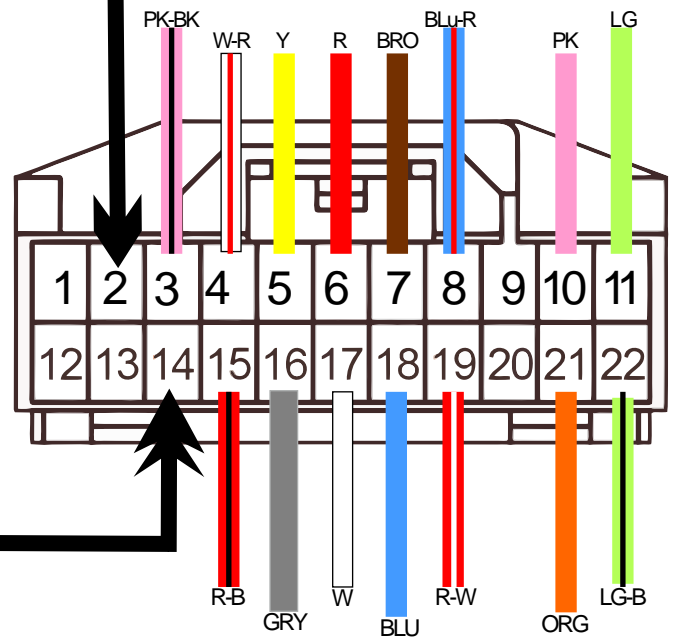
BEATSONIC_{USA} MVA-12L AUDIO ADAPTER COMPOSITE VIDEO ADAPTER INSTALLATION INSTRUCTIONS

2002 M6 22 PIN Connector at back of Multi-Display Screen

FEMALE WIRE HARNESS INSERTS into MALE RECEIVING CONNECTOR ATTACHED TO BACK OF THE DISPLAY'S CHASSIS

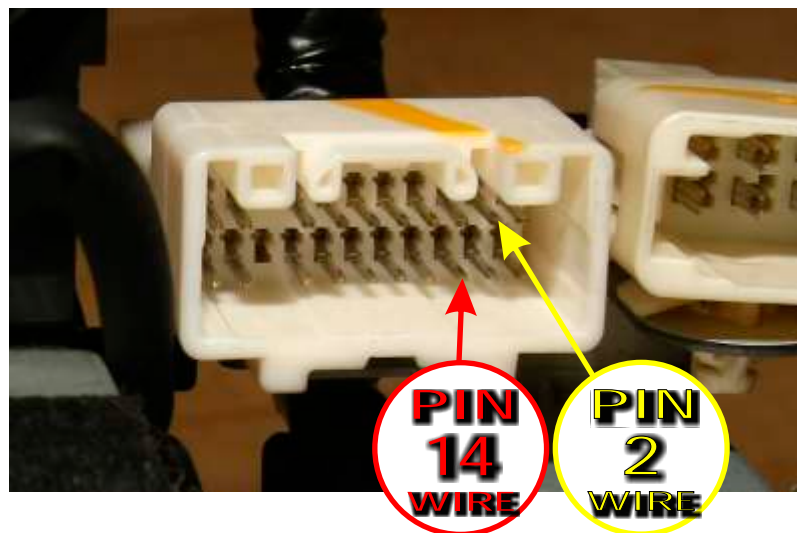
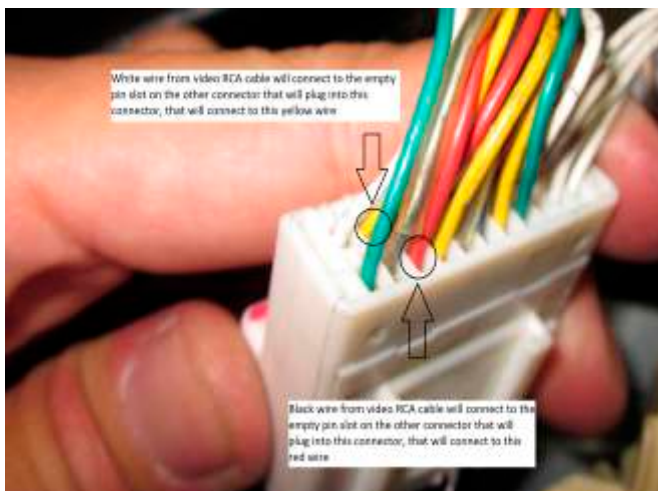


WHITE wire & pin from yellow RCA composite video connector inserted HERE



BLACK wire & pin from yellow RCA composite video connector inserted here

Please verify PIN WIRE COLORS on the MALE side of the M6 modular connector attached to back of the Multi-Display chassis.



APPENDIX C

Supplemental information to be used with MVA-12L to allow Video-in-motion on OEM Screen. This DIY will also allow phone-dialing-in-motion.

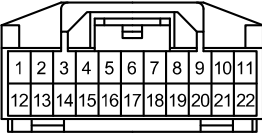
Version: For 2002-2004 Lexus SC 430 models

Step #1: Disassemble the factory dash to access the wire harness behind the factory Multi-Function Display Screen, "MFD".

- Remove the shift knob
- Remove the center console around the shift knob
- Remove head unit by removing the bolts.
- Remove the vents on either side of the MFD making sure the clips are loosened in the vents before removing the vents.
- Remove the trim piece above glove compartment
- Unscrew the bolts on the MFD and remove.

Step #2: Locate the 22 pin connector behind the MFD and use the guide below:

LEXUS SC430 (2002-2004) – Located behind MFD (Multi-Function Display Screen)

Connector	Name of signal	Pin number	Color
	SPD	4	White/Red
	PKB	15	Red/Black

PKB LINE

- Cut the PKB wire going to pin#15. Take the wire coming from MFD side and ground to the vehicle's chassis. (Grounding the wrong side will cause the parking brake light remain on.)

SPD Line

- Cut the SPD Wire going to pin#4. Secure both cut ends to make sure there are no exposing wires and no unnecessary contacts are made.

Step #3: Test by driving your car and reaching speed up to 20mph. Confirm that the phone dialing function and video is not being blacked out during vehicle movement.

Step #4: Reverse Step #1 and reassemble the removed dash pieces, MFD and head unit.