APPENDIX C

Supplemental information to be used with MVA-13L to allow Video-in-motion on OEM Screen. This DIY will also allow phone-dialing-in-motion.
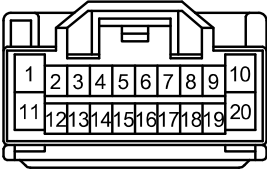
Version: For 2005-2009 Lexus SC 430 models

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 20 pin connector behind the MFD and use the guide below:

LEXUS SC430 (2005-2009) – Located behind MFD (Multi-Function Display Screen)

Connector	Name of signal	Pin number	Color
	SPD	18	White/Red
	PKB	17	Red/Black

PKB LINE
- Cut the PKB wire going to pin#17. 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#18. 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.