



STREET SCENE EQUIPMENT, INC.

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950-14220

GM " S " SERIES

94 - 2004

CAL - Vu MIRROR
STREET SMART ELECTRIC
CONVERSION KIT

INSTALLATION INSTRUCTIONS

NOTE: Please check year, make, and model against application part number. Be sure both mirror heads and mounting plates are left & right side before painting. Parts that have been painted are not eligible for return.

NOTE: Do Not Use Loctite On Threads. Warranty Will Be Void If Used

NOTE: Do Not Attempt To Remove Glass For Paint Damage Could Occur And Glass Will Break.

NOTE: Do Not Over Tighten Nuts, Mounting Brackets Will Crack

VERY IMPORTANT ! Read and understand all directions, then check the following parts list before starting installation.

VERY IMPORTANT, PLEASE READ FIRST

This installation involves the connecting and routing of electrical wires from the vehicles fuse box to the mirror connectors located within each door. If you do not have access to the proper tools or are not familiar with the following installation procedures, Please contact an automotive service professional to assist in installing your Power Conversion Loom.

PARTS LIST

2	Mirror Heads	1	Instruction Sheet	12	Six mm Nuts
2	Mirror Plates	1	Street Scene Decal		
2	Mirror Gaskets	6	Rubber Grommets	1	8 - Switch Location Templates
1	Bezel Nut	1	Quick Slide Connector	1	Wire Harness
10	6" Ty-Wraps	1	Harness Pull Cable	1	Joystick Switch

TOOL LIST

3/8" Ratchet, 6" extension, 7mm socket, 10mm socket, phillips screwdriver, small flat blade screwdriver, door panel clip & trim pad removal tool GM part # J 38778 or equivalent * window crank removal tool GM part # 9886-01 or equivalent, manual applications only. Pliers, 3/4" Hole Saw, De-burring tool, Safety Glasses, Drill Motor, Electrical Tape,

1. Utilize your Street Scene Electric Mirror installation instructions supplied with your electric mirrors to assist you in removing both interior door panels and installing your electric mirrors. Before proceeding with Power Conversion Loom installation, disconnect the ground cable at the battery.
2. Roll down windows and use phillips screwdriver to remove the three door pillar moulding screws.
3. Remove the two phillips screws located in the door pull cup. Slide armrest towards rear of the vehicle to remove.
4. If equipped with manual windows, remove window crank with handle removal tool.
5. Using the panel removal tool, slide under front edge of door panel and lift to pop off clip, move around door panel with tool releasing all of the clips. Carefully lift panel upwards to remove.
6. Remove nylon clips from inner door to re - install onto door panel.
7. Remove stock mirror by lifting nut access plugs out then removing nuts with 10mm socket and extension.
8. Install Cal-Vu mounting plates to mirror heads (nuts provided) using 10mm socket.
9. Install the new mirror gasket to the back side of mirror.
10. Install Cal-Vu mirrors onto vehicle using hardware Provided, align gasket, then tighten nuts fully.
11. Remove under dash panel at left side by removing the three 7 MM screws going upward in the dash and 10 MM nut located to the right of the gas pedal.

12. Power Conversion Loom is constructed utilizing three components: Wire Harness, Joystick Switch harness, and Harness extension. The driver's side of the Wire Harness is identified by the shorter of the two pieces of harness. The passenger side has red and black wires protruding thru the insulation. Prepare Loom for installation by first identifying each component. The switch location is in the driver's side door with the harness extension plugged into passenger's side of the wire harness. Remove joystick switch connector from 8 - pin harness connector by lifting locking tang and pulling each connector gently apart.
13. Starting at the left door, insert harness pull cable into door, then thru boot into under dash area.
14. Attach long end of wire harness in left door to harness pull cable with electrical tape and gently pull harness thru boot into under dash area, making sure to pull red and black wires thru boot into vehicle at the same time.
15. Connect Wire Harness into driver's side mirror. Confirm wire harness is routed away from window glass.
16. Remove bezel panel from left door panel by inserting screwdriver under front edge of panel and pry upward gently to release location clip, slide control panel forward then lift up to disengage rear clip. Wearing safety glasses, using Template # 3 mark, then drill a 3/4" hole. Install joystick switch in hole. Plug into 8 - pin connector in harness.
17. Remove the three 7 MM screws from the lower center under dash panel. Let panel hang.
18. Remove the trim panel at right side of dash by removing the three 7 MM screws, 2 at front and 1 at rear. Lower the trim panel with electronic control module (ECM) unit attached to it. It is not necessary to disconnect the ECM.
19. Route harness under the left side of dash under steering column to right side, pulling down center panel to fit harness thru. Ty - Wrap harness down as you go.
20. Insert harenss pull cable thru right door into rubber boot and under dash. Attachthe harness with electrical tape and gently pull thru boot into door. Plug wire harness into mirror.
21. Locate that convenience center at upper left hand corner of driver's side footwell behind parking brake pedal. Locate orange wire at upper left corner of convenience center. Attach Quick-Slide connector over the orange wire and crimp with pliers. Plug red (+ 12 volt) harness wire into the Quick-slide connector. Connect black wire (ground) to 10 MM head dash mounting screw located at left corner of dash.
22. Re-install all panels removed in reverse order of removal. Confirm wire harness clears the path of both windows. Install door panels making sure mirror switch wiring is accessible to hole in door panel.
23. Install joystick switch and panel into door panel.