



STREET SCENE EQUIPMENT, INC.

365 McCormick Avenue

Costa Mesa, Ca. 92626

Phone (714) 426-0590 Fax (714) 426-0591

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 harness pull cable thru right door into rubber boot and under dash. Attach the 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.



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**CONNECTING
STREET SCENE
HEATED MIRROR
CONVERSION KIT
1994 - 2003
GM "S" SERIES**

Connecting Street Scene Heated Mirror Conversion Kit

Instructions For Part Numbers:		
950-16220	950-19220	950-27220
950-16226	950-20220	
950-16240	950-26220	

SPECIAL NOTE:

If you are installing Street Scene Mirrors with Signal option, the wiring for the heaters will have a push on terminal and a ring connector on. The wires for the signal system will have no connectors on them. **Do not mix up**

1. Install Street Scene Heated Mirrors following mirror installation instructions.
2. Mount the switch in a suitable location. A good place is on the lower dash panel. Drill a 1/2" diameter hole and insert the switch from the front side and install the nut from the back side and tighten.

NOTE: LOCATION OF WIRES ON SWITCH

Top Of Switch: (Marked "Earth") Black wire from four foot power connecting harness.

Center Of Switch: (Marked "Load") Red wires from right & left mirror heaters.

Bottom Of Switch: (Marked "Supply") Red wire from four foot power connecting harness.

Locate a switched 12 volt power supply at the fuse panel (Power goes off when ignition switch is in the " off " position). Using the blue quick splice connector supplied, crimp the Red wire from the switch harness to the wire found at the fuse block. **DO NOT** connect to a constant 12 volt power supply.

3. Remove the door sill plates and the right and left kick panels.
4. Run the **RED / BLACK** wire from the mirror into the door. Pull out the rubber boot between the door and door frame. Guide the wire harness through the door and out the hole vacated by the boot. Remove any slack.
5. Pass the wire harness through the rubber boot between the door and door frame.
6. Guide the wire harness through the door frame and into the vehicle.
7. Do the same on the passenger side, Run the wire across the dash to the left side of the steering column.
8. Connect the **RED** wires from the right and left wire harness to the center pin on the switch using the " **One to Two** " connector.
9. Attach the **BLACK** wires with the ring connectors to a suitable nearby ground location on the metal framework on the vehicle.



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**CONNECTING
STREET SCENE
FRONT & REAR FACE
SIGNAL® MIRRORS
1994 - 2003
GM "S" SERIES**

Connecting Street Scene Signal® Mirrors Instructions For Part Numbers

950-15210	950-17245	950-18220
950-15220	950-17220	950-20220
950-15226	950-17226	950-26220
950-15240	950-17240	950-27220

1. Install Street Scene Signal® Mirrors assemblies to doors following mirror installation instructions.
2. Before beginning electrical hook-up check the operation of turn signals in the front and rear of vehicle. If any problems exist, repair before installing Street Scene Signal® Mirrors.
3. Run the Red / Black wire on the mirror into the door. Pull the rubber boot between the door and frame. Guide the wire harness through the door and out the hole located by the boot. Remove any slack.
4. Remove the door sill plate and remove the kick panels.
5. Pass the wire harness through the rubber boot between the door and the door frame.
6. Guide the wire harness through the door frame and into the vehicle.
7. Do the same on the passenger side. Run the wire across the dash to beneath the steering column. It will be necessary to remove lower dash panels to do this.
8. The vehicles electrical wiring is located beneath the steering column. NOTE: On some vehicles it may be necessary to remove a metal plate beneath the steering column.
9. Locate the solid LIGHT BLUE wire on the top of the wiring block. Turn the ignition key so that electrical power is on and activate the driver side turn signal. Probe the wire with the wire tester to verify that flashing turn signal is present. Label that wire as " Drivers Side Turn". Locate the solid DARK BLUE wire on the top of the wiring block. Activate the passenger side turn signal and probe the wire with the wire tester to verify that flashing turn signal power is present. Label that wire as " Passenger Side Turn".
10. Make sure the harness are routed securely under the dash and enough slack is left for splicing. When splicing do not cut any wires. Use the quick splice connectors provided.
11. Splice the RED wire from the driver side harness into the LIGHT BLUE wire previously labeled " Driver Side Turn ".
12. Splice the RED wire from the passenger side harness into the DARK BLUE wire previously labeled " Drivers Side Turn ".
13. Strip and twist together the ends of the black wires from each harness. Crimp them together in the supplied ring connector and ground to a suitable nearby location on the metal frame work of the vehicle.
14. Activate each turn signal to verify that the Street Scene Signal® Mirrors are working. Replace all of the lower dash panels.