

SECTION 1 # 11120 1988 - 1994 GM CK TRUCK

Tool List:

3/8" Ratchet	3" Extension	6MM Socket
8MM Combo Wrench	10MM Combo Wrench	Pliers
Phillips Screwdriver	3/4" Hole Saw	Drill Motor
De-burring Tool	Electrical Tape	Safety Glasses
Window Crank Removal Tool GM # J 9886-01 Or Equivalent		
Dorr Panel Clip Removal Tool GM # J 38778 Or Equivalent		

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 the Power Conversion Loom Installation, roll up both windows and disconnect the ground cable at the battery.
2. Remove armrest screw using the phillips screwdriver.
3. If equipped with manual windows, remove crank with handle removal tool. If equipped with power windows remove Power Assist Control Panel using the panel removal tool. Lift from the front to detach clips.
4. Remove retaining clips from back of the three switches located on the control panel.
5. Using the GM Panel Removal Tool, slide under front edge of door panel and lift to pop off clip, move around panel with tool releasing all of the clips. Lift panel upward to remove.
6. Remove nylon clips from inner door and re-install onto door panel.
7. Unscrew the four phillips head screws that retain the driver's side door sill plate and pull upwards to remove.
8. Gently pull the driver's side hinge pillar trim panel towards the center of the vehicle to disengage the retainers and remove it.
9. 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 being 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 connector from 8-Pin Harness Connector by lifting locking tang and pulling each connector gently apart.
10. Feed the Harness Pull Cable down thru the mirror access opening located at the top of the driver's side door. Continue to guide the cable thru the rubber door boot and into the vehicle thru the hole adjacent to the parking brake lever.
11. Attach the end of the Harness Pull Cable in driver's door to the passenger side of the mirror harness with electrical tape.
12. Gently feed the passenger side of the Wire Harness thru the rubber boot and into the vehicle making sure the red and black wires are passed thru. Remove electrical tape and Harness Pull Cable.
13. Plug in driver's side mirror connector by aligning indexing tang, then pushing connectors together.
14. Wearing safety glasses, using Template # 1 mark then drill a 3/4" hole in the driver's door panel and install the Joystick Switch. Confirm clearance between Wire Harness and window glass travel. Plug switch into the main harness and install the door panel.
15. Pull the red and black wires out of the Wire Harness and route towards the convenience center mounted on the fire wall on the left side of the driver's footwell. Connect the red wire (+ 12 Volts) to the orange coming out of the right upper corner of the convenience center with the Quick Slide connector. Connect the black wire (Ground) to the steering column support screw. Route the remaining harness over the steering column and secure it with Ty-wraps, making sure not to interfere with the brake and clutch pedal linkage.
16. Open glove box and remove the four 6MM screws in the glove box tray. Pull down the tray at upper center and pull towards you to remove.
17. Pass the Harness Pull Cable from inside the glove box area and over the center air vents and down to the steering column area. Attach the Wire harness with electrical tape to the harness pull cable and gently pull harness to open area behind glove box.
18. Without disconnecting its electrical connections, move the Electronic Control Module, visible on the bottom right corner of glove box opening, by grasping the top of it and pulling it towards the center of the vehicle then back towards you. Continue to rotate ECM until door boot can be accessed thru the hole in the sheet metal.
19. Insert Harness Pull Cable into passenger door by removing the boot from the door and also the door pillar. Feed Pull Cable into interior of vehicle behind ECM and into glove box area. Attach Harness Pull Cable to passenger side of wire harness with electrical tape. Pull harness carefully out of the vehicle, thru rubber boot, into door, then out to the mirror access hole in the top of the door.
20. Connect mirror connector, install rubber, test operation of both mirrors, then re-install all remaining components in reverse order of disassembly.

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950-11120
1988 - 1998 GM CK TRUCKS
&
1992-1999 SUBURBAN/TAHOE
ELECTRIC
CAL-VU MIRROR

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: If Painting Mirrors Tape Over Threads To Keep Paint Off

NOTE: Check Your Mirror Plugs To Make Sure They Plug Into Your wire harness before painting, If painted warranty will be void.

NOTE: Mirrors are designed for specific year vehicles. Although mirror may appear to be the same, the electrical connectors will vary year to year. If your mirror does not plug into your factory wire harness, please check your part number and application guide.

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.

PARTS LIST

2	Mirror Heads	1	Instruction Sheet	6	Six mm Nuts
2	Mirror Plates	1	Street Scene Decal	2	Foam Rubber Strips

TOOL LIST

Phillips screwdriver, 8mm combination wrench, 10mm combination wrench, door panel clip & trim pad removal tool GM part number : J 38778 or equivalent window crank removal tool GM part J 9886-01 or equivalent, manual windows only.

SECTION 1 88 - 94 GM CK TRUCK

1. Roll down windows and remove armrest screw using phillips screwdriver.
2. If equipped with manual windows, remove window crank with handle removal tool.
3. If equipped with power windows, remove Power Assist Control Panel using the panel removal tool. Lift from the front to detach clips.
4. Remove retaining clips from back of the three switches located on the Control Panel.

- 5 . Remove screw from behind panel and unplug wiring from Control Panel by releasing retaining clips.
- 6 . Using the GM Removal Tool, slide under edge of door panel and lift to pop off clip, move around panel with tool releasing all of the clips. Lift panel upward to remove.
- 7 . Remove nylon clips from inner door and reinstall onto door panel.
- 8 . Remove foam mirror access plug from door.
- 9 . Unplug wire harness connector, then remove stock mirror with 10 mm wrench.
- 10 . Install Cal-Vu mounting plates to mirror heads (nuts provided) using an 8 mm wrench. Install adhesive backed foam rubber strips to mounting plate. Align each strip with the mark located 3/4 inch from the bottom of the mirror plate, remove backing, then apply strip.
- 11 . Remove gasket from stock mirror plate and install on the Cal-Vu mirror. (some trimming may be necessary for best fit.)
- 12 . Install Cal-Vu mirror using stock hardware, then plug in wire harness connector.
- 13 . Install foam mirror access plug into door.
- 14 . Install door panel by placing window seal portion of panel over door frame the lining clips up with holes. Use the palm of your hand to pop in place.
- 15 . On power windows equipped trucks, plug wiring into control panel, replace screw and pop panel into place. Install armrest screw.

SECTION II 95 - 97 GM CK TRUCK

- 1 . Roll down windows and remove the mirror trim piece at the upper end of door panel. This is easily removed by using the panel removal tool to pop open the plastic retaining clip. Remove clip from inner door and replace onto trim piece.
- 2 . Remove foam mirror access plug from door.
- 3 . Unplug wire harness connector, then remove the three mounting 10 mm nuts which fasten the mirror to the door to remove mirrors.
- 4 . Install Cal-Vu mounting plates to mirror heads (nuts provided) using an 8 mm wrench.
- 5 . Install adhesive backed rubber strips to mounting plates. Align each strip with the mark located 3/4 inch from the bottom of the mirror plate, remove backing , then apply strip.
- 6 . Remove stock gaskets and install on your Cal-Vu mirrors.
- 7 . Install mirrors, tightening nuts fully, then plug in wire harness connector.
- 8 . Replace foam mirror access plug.
- 9 . Install trim piece by sliding the bottom in first and then snapping firmly at the top.