



STREET SCENE EQUIPMENT, INC.

365 McCormick Avenue
 Costa Mesa, CA. 92626
 Phone (714) 426-0590 Fax (714) 426-0591

950-15410
 ASTRO VAN
 1985 - 2004
 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: 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

NOTE: If Painting Mirrors Tape Over Threads To Keep Paint Off

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	6 mm Nuts
2	Mirror Plates	1	Street Scene Decal		

TOOL LIST
ratchet, 6" extension, 10mm socket, phillips screwdriver, flat blade screwdriver, door panel clip & trim pad removal tool GM part # J 38778 or equivalent * window crank removal tool GM part # J 9886-01 or equivalent, manual windows only.

1. Roll down windows and remove two screws located inside of the armrest. Insert panel removal tool under rear of padded part of armrest. Pry upward to release clip. Remove screw now visible on door panel.
2. If equipped with manual windows, remove window crank with handle removal tool.
3. If equipped with power windows, remove switch panel by inserting panel removal tool under rear of switch bezel then prying upward gently to remove. Disconnect switch connector from wire harness.
4. Remove the door release handle cover by inserting panel removal tool between door panel and front edge of cover approximately one inch from the bottom. Pry gently upwards to release front clip then repeat procedure on rear of cover. Disconnect switch connector from wire harness.
5. Using the 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 upwards to remove.
6. Remove nylon clips from inner door and re-install onto door panel.
7. Remove foam mirror access plug from door.
8. Remove stock mirror with 10 mm socket and extension.
9. Install Cal-Vu mounting plates to mirror heads (nuts provided) using 10 mm socket.
10. Remove gaskets from stock mirrors and install onto Cal-Vu mounting plates.
11. Install Cal-Vu mirror to vehicle using stock hardware, tightening nuts fully.
12. Install foam mirror access plug into door.
13. Install door panel by placing window seal portion of panel over door frame then lining clips up with holes. Use the palm of your hand to pop clips into place.
14. Install remaining components in reverse order of disassembly.

INSTALLATION INSTRUCTIONS SECTION II 96 - UP ASTRO VAN

1. Roll down windows, then remove mirror trim panel by first inserting Panel Removal Tool underneath the rear portion of the panel two inches from the top. Pry upwards to release clip. Pull top of panel towards you to release bottom clip from door panel.
2. Remove foam mirror access plug from door.
3. Remove stock mirror with a 10 mm socket and extension.
4. Install Cal-Vu mounting plates to mirror heads (nuts provided) use a 10 mm socket.
5. Remove gaskets from stock mirrors, then install onto Cal-Vu mounting plates.
6. Install Cal-Vu mirror to vehicle using stock hardware, then tightening nuts fully.
7. Install foam mirror access plug into door.
8. Install mirror trim panel by first inserting tab on the panel bottom into the slot on the door panel, then rotate panel upwards to engage the top clip. Use the palm of your hand to pop clip in place fully.



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**CONNECTING
STREET SCENE
SIGNAL® MIRRORS
1985 - 2000
ASTRO VAN**

CONNECTING STREET SCENE SIGNAL® MIRRORS

INSTRUCTIONS FOR PART NUMBERS		
950-15410	950-15440	950-17440
950-15420	950-17445	950-18440
950-15425	950-17420	950-20440
	950-17425	

1. Install Street Scene Signal® Mirrors 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. Remove the kick panels.
4. Run the **RED / BLACK** wire on the mirror into the door. Pull out the rubber boot from the door and door frame. Guide the wire harness out of the hole vacated by the rubber boot.
5. Guide the wire through the rubber boot and into the vehicle. On the right side it may be necessary to move the ECM Module to pull the wire through. Remove any slack from harness and re-install ECM. Replace the rubber boot between the door and door frame.
6. Route the wire harness across the dash to below the steering column. It will be necessary to remove some panels and engine cover.
7. The vehicles electrical wiring is located beneath the steering column.
8. Locate the solid **LIGHT BLUE** wire in the bundle of wires. Turn the ignition key so that electrical power is on and activate the driver's side turn signal. Probe the wire with the test light to verify that flashing turn signal is present. Label that wire as "**DRIVER'S SIDE TURN**". Locate the solid **DARK BLUE** wire in the bundle of wires and probe the wire with the test light to verify that flashing turn signal power is present. Label that wire as "**PASSENGER SIDE TURN**".
9. 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.
10. Splice the **RED** wire from the driver's side harness into the **LIGHT BLUE** wire previously labeled "**DRIVER'S SIDE TURN**".
11. Splice the **RED** wire from the passenger side harness into the **DARK BLUE** wire previously labeled "**PASSENGER SIDE TURN**".
12. 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 framework of the vehicle.
13. Activate each turn signal to verify that the Street Scene Signal® Mirrors are working. Replace all of the panels removed.