



**NEW VINTAGE USA
DETROIT**

**78-81 MALIBU/ELCAMINO/MONTE CARLO SWEEP DASDH
GAUGE KIT INSTALLATION INSTRUCTIONS**



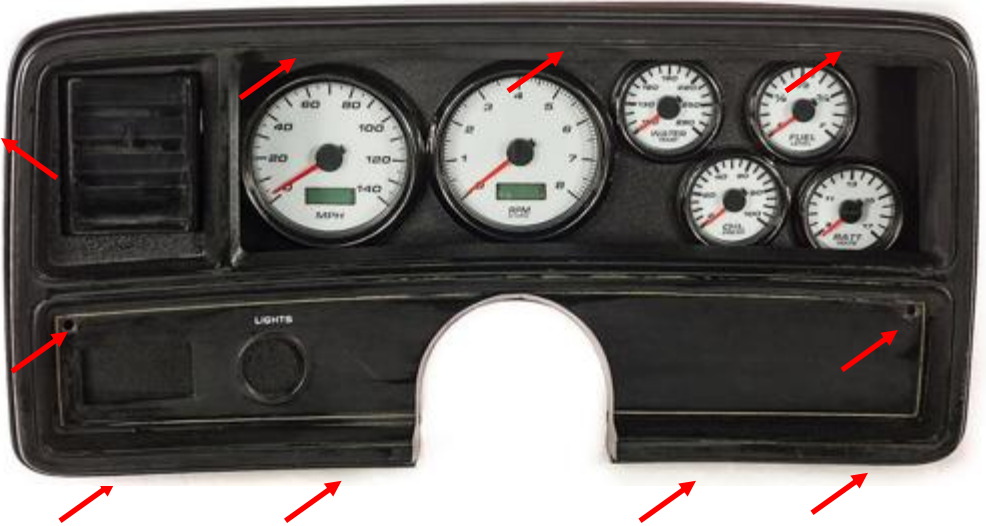
This manual is for the installation of the bracket assembly for NVU gauge kits for 78-81 Malibu/Chevelle/Monte Carlo/El Camino/Cablaerro G-body. Its best to have the gauges in the position you want prior to installing the bracket assembly.

NVU also suggests wiring the assembly once the instruments and bracket are installed in the carrier/housing.

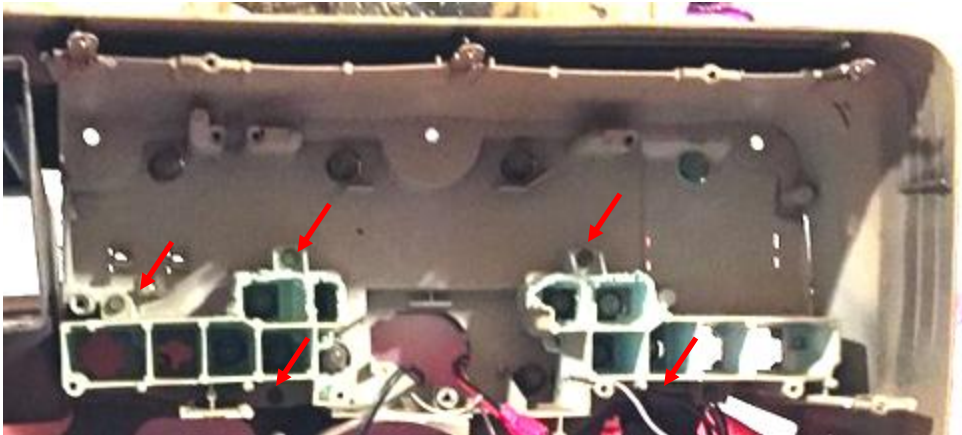
LED indicators: Yes they are n there, you just can't see them until the lights are on. Each one is labelled on the back of the panel during the CNC process. Each LED is replaceable if needed. Each LED is 12V , black wire is ground, red is power. Wire as needed to suit your needs.



Remove light switch knob and any other protruding switches that may interfere with installation of the bezel. Remove the 10 screws securing the dash bezel and retain for re-use later.



Remove the metal cover and gauges. Each is held in place with hex head screws. Remove the light boxes from the housing. The screws can be hard to see (arrows) Remove the cluster housing assembly and remove the printed circuit board and plug.



Install the intermediate brackets as shown . Do not remove any material from the housing at this time. Each bracket loops over an existing post and screws into an existing hole in the carrier.



Left side detail. Shows bracket installed. Use a #6x5/8 or a #8x5/8 if the hole is damaged.



Right side detail. Shows bracket installed. Use a #6x5/8 or a #8x5/8 if the hole is damaged.

Remove material in the back of the carrier to make clearance for the new depth of the gauges. Do not remove the mounting locations (arrows) or damage the intermediate bracket mounts (arrows)



The dash does not require this much trimming but the path shown is the easiest route. Back of cluster will look like this when completed:



Install in panel. Secure upper tabs (arrows) with original screws. Use supplied #8 hex nuts, washers and lock washers on lower studs (arrows)



Right side filler panel. Clean side of blackout panel with alcohol. Remove 3M tape and apply piece as shown. If you need to trim it shorter you can with scissors or shears. Test fit before finalizing installation.



Install cover bezel over cluster. Tuck the lip of the top block out up into the space between the bezel and housing (arrow), this will give a clean look when viewed from the front.



Installation of the cover bezel is reverse of removal. Use the stock screws to re-attach. If needed, top screws are #6x5/8 sheet metal. Install any switches, etc. at this time. After wiring, re-install cluster/bezel/housing assembly back in place.





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