



**NEW VINTAGE USA
DETROIT**

**NEW VINTAGE USA
78-87 MONTE CARLO INSTRUCTION BOOKLET**



This instruction booklet covers the bracket installation into the stock dash. Please refer to your gauge instructions for wiring and set-up of the gauges themselves.

Keep in mind:

Have a good ground, instruments and their senders require a clean, secure ground.

Avoid sealant. If you can avoid using sealant on the sender threads, please do. The sealant can cause false readings. If you do require sealant, keep it at the top of the threads so the base of the sender will bite into the block.

Speed signal: Speedometer can operate from any speed sender or GM PCM.

Tach signal: Can be taken from the negative side of the coil, PCM (pull-up resistor required) or CDI (MSD) tach output terminal. Some HEI distributors have a TACH terminal, use that for the tach. ***Follow the instructions in the gauge booklet for more information and warnings.***

FUEL gauge: This kit is set to operate on a stock sending unit which has a 0-90 ohm range (0 empty, 90 full)

Brake/Warning indicators: You can use this for whatever you like.

There are 2 buttons on the kit, one is for setting the speedometer and odometer, the other is for the tachometer setting. Mount these anywhere that is both convenient and out of the way.

Feel free to contact us with any installation questions, we are more than happy to help!



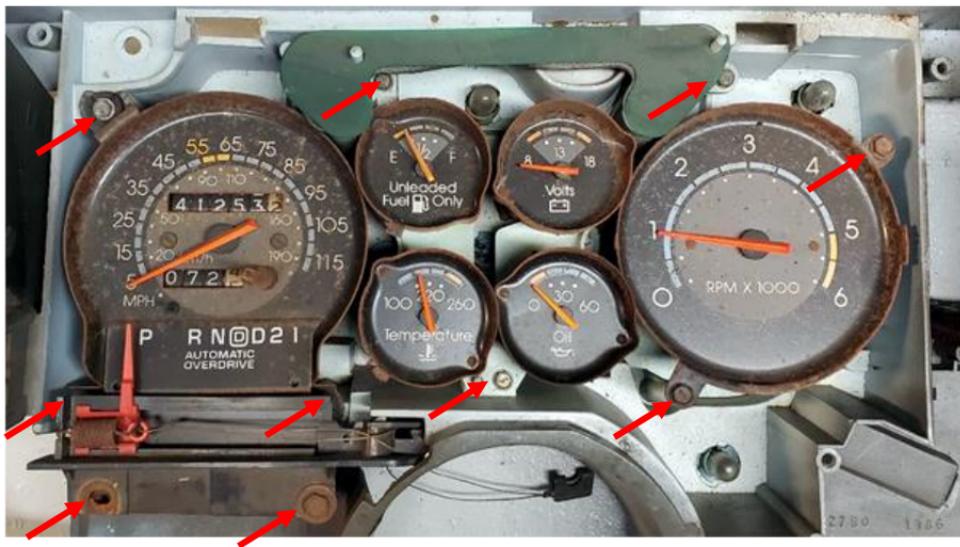
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Remove the 7 screws holding the cover plate on, save for re-installation later.



Remove lens/plate and original gauges (not re-used)





Remove the fasteners holding in the original gauges. Lift off shift indicator, remove 2 additional screws. Remove original gauges by pulling from clips on back (see next image)



Housing will look like this. Remove left HVAC vent by removing single screw shown.



To remove the original flexible circuit, start by unscrewing the plate on the left (green arrow) (2 screws) and removing all bulb sockets, including the sockets on the indicator panel (blue arrow).

Pry up the 11 gauge connections with a pic or small screwdriver and the retainer clip (red arrows) and remove by pulling out with pliers.



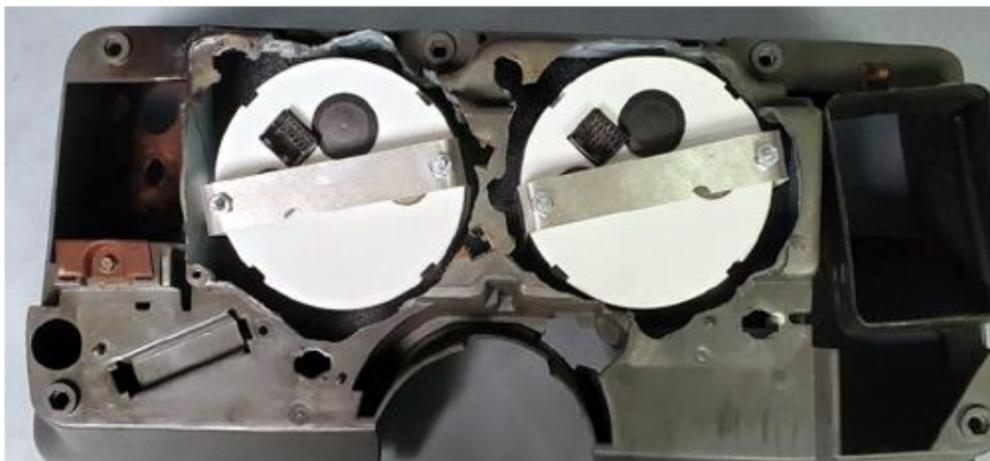
Remove the printed circuit ribbon. If its in bad shape, do not worry as it will not be used in the new installation.



Set the bracket in place and mark with a marker where to trim.

Cut with appropriate cutting tool such as a Dremel, grinder, shears, etc. This part is non-structural so you can remove the entire rectangular section if you like.





Check for proper clearances and install panel and gauges (next page)



Use original fastener or
#8x3/8" self-tapping
screw

Use original fastener or
#8x3/8" self-tapping
screw



Use original fastener or
#8x5/8" self-tapping
screw



Re-install cover bezel using the screws saved from the first step. Do not re-use the stock blockout panel and lens.

Calibrate your gauges as needed per your Gauge instruction booklet and enjoy! Please feel free to contact us at any time for assistance with your installation.