



68-82 C3 CORVETTE DIRECT FIT KIT INSTALLATION INSTRUCTIONS



C3 CORVETTE DIRECT FIT KIT INSTALLATION INSTRUCTIONS

C3 CORVETTES WERE BUILT FROM 1968-1982

**WE HAVE BROKEN UP THE BOOKLET INTO TWO PARTS
CONSISTING OF THE SPEEDO AND TACH INSTALLATION AS WELL
AS THE CENTER CONSOLE GAUGE MOUNTING INSTRUCTIONS.**

1968-1977



1978-1982

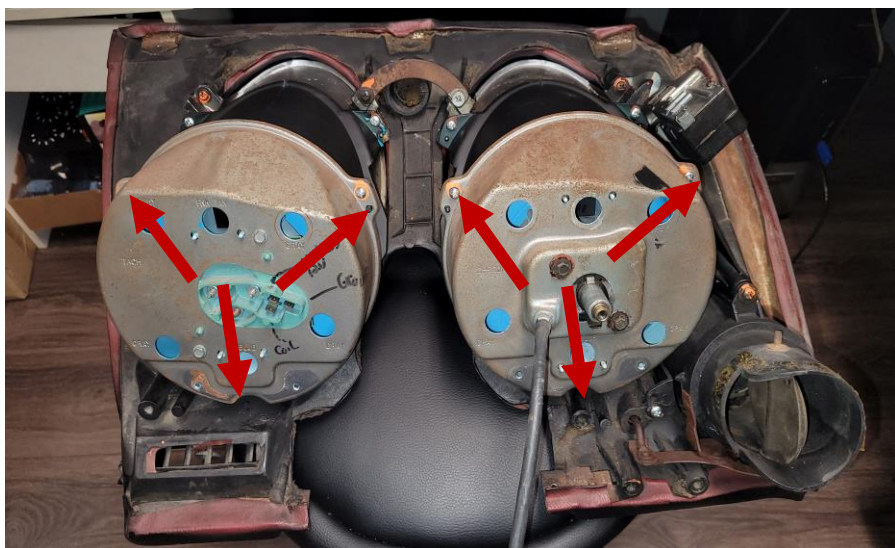


1968-1977 SPEEDO & TACH INSTALLATION

STEP 1: Remove 8 x Phillips screws securing instrument bezel

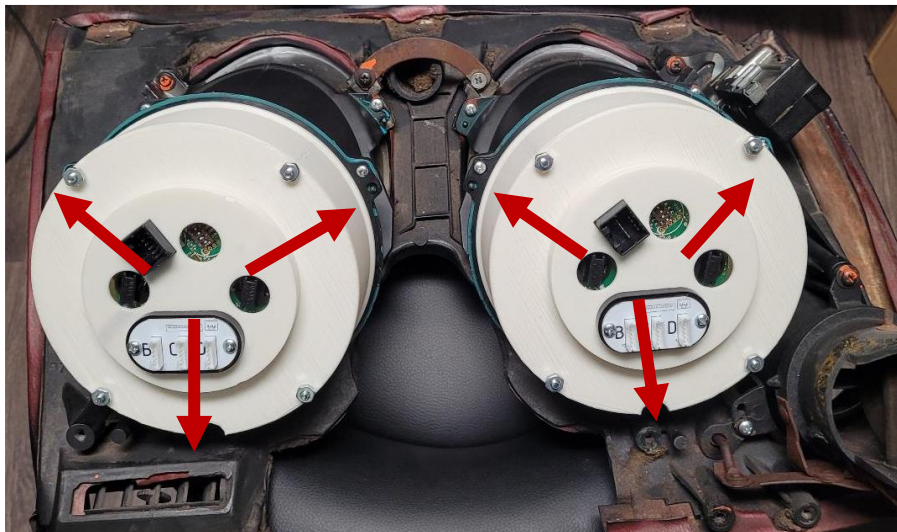


STEP 2: Remove 3 Fasteners from Speedo & Tach as shown below

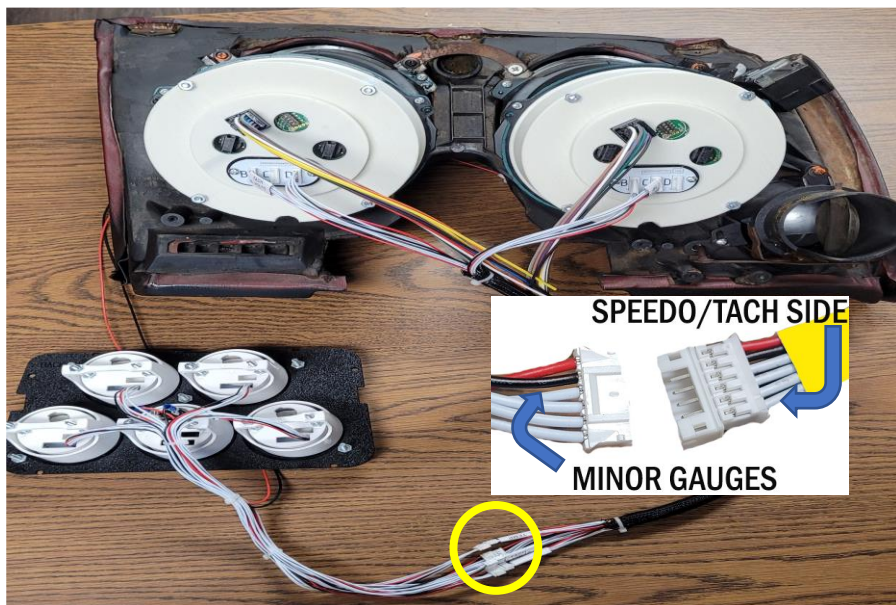


1968-1977 SPEEDO & TACH INSTALLATION

STEP 3: Place Speedometer and Tach into desired position and Secure with 3 screws on each side as shown



STEP 4: Connect your Speedometer and Tach to the 12 pin connectors on the back of each one, then plug minor gauge jumper harness into the correct ports based on the markings on each connector, there will not be access once Speedo/Tach have installed into dash. **Minor gauges can be connected later on.**

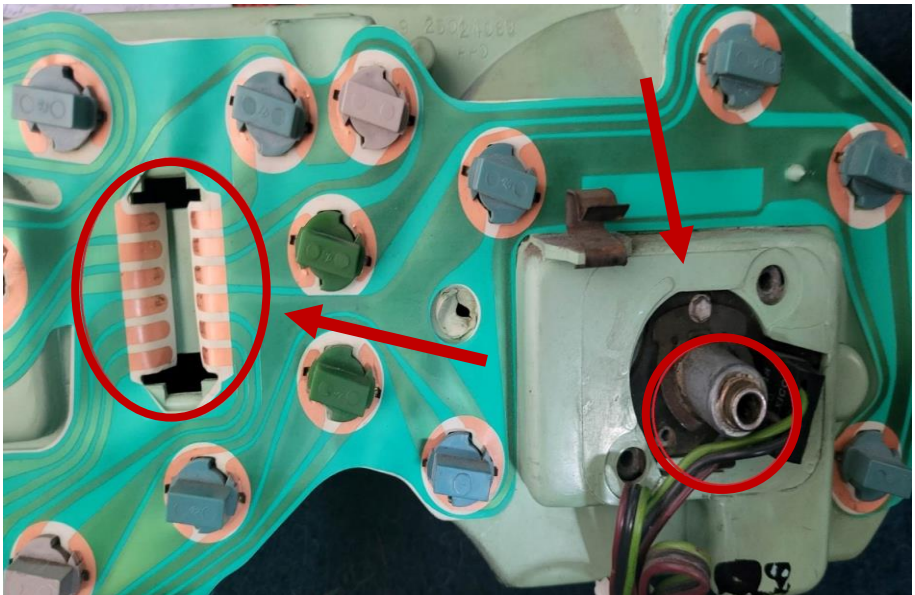


1978-1982 SPEEDO & TACH INSTALLATION

STEP 1: Remove 8 Phillips head screws securing speedo cluster assembly into dash. **Remove 5x Red screws**, remove bezel, then remove **3x Yellow screws** and begin removing Speedo Cluster

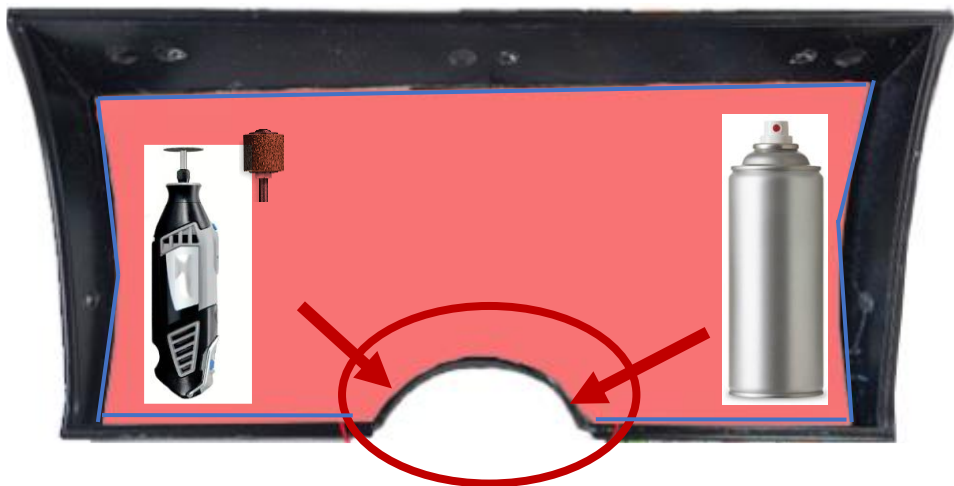


STEP 2: Unplug Speedo cable and harness connector from back of Speedo and remove from vehicle.



1978-1982 SPEEDO & TACH INSTALLATION

STEP 3: If desired, use a Dremel with a cut off disk and barrel grinder cut out the clear section of factory gauge bezel. A coat of paint is recommended for proper finished look. Be very careful around the areas circled in RED. This area will be very thin.



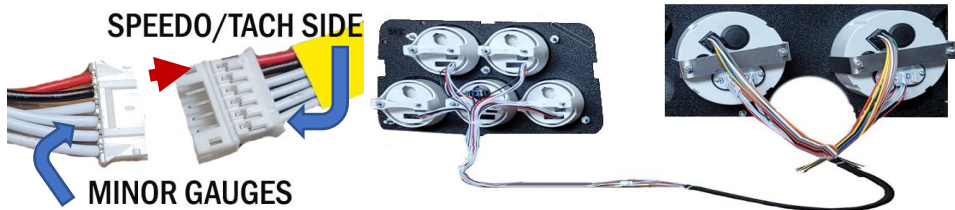
STEP 4: Place New Vintage USA Speedometer and Tachometer into appropriate location on the gauge cluster and secure using supplied back clamps and hardware Tighten 4x 11/32 nuts and set aside.



1978-1982 SPEEDO & TACH INSTALLATION

STEP 5: Connect 2 x 12 Pin Wiring Harnesses and minor gauge jumper wires as shown below before securing Speedo/Tach.

Minor gauge jumper wires can be loose at this point



STEP 6: Place speedo cluster into the dash and secure using 3 factory screws to hold the top in place. Do not fully tighten



STEP 7: Move bezel into position and start by securing the top with 1 screw. On the side, align both holes and drive screw to secure the bezel and gauge cluster to the dash. Then tighten all screws down and move to the next step.



C3 CONSOLE GAUGE INSTALLATION

STEP 1: Find the 2 Phillips head screws holding the console trim piece and remove



***Put these screws in a safe place, as you will need to reuse these for reassembly**

STEP 2. Remove 4x screws from armrest – 9/32 socket (located on both sides of console)



C3 CONSOLE GAUGE INSTALLATION

STEP 3: Remove 2 X 9/32 screws securing the shift console



STEP 4: Remove 2 x Phillips head screws from between the shift Console and center gauge console

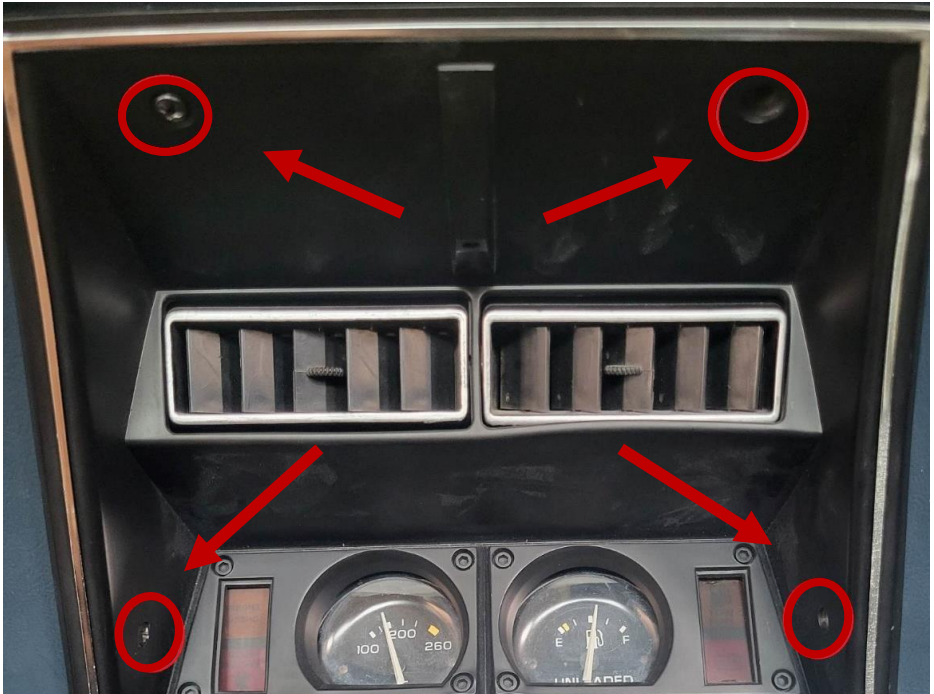


C3 CONSOLE GAUGE INSTALLATION

STEP 5: Unscrew the Shift Knob, remove shaft and spring and lift console out of the way.

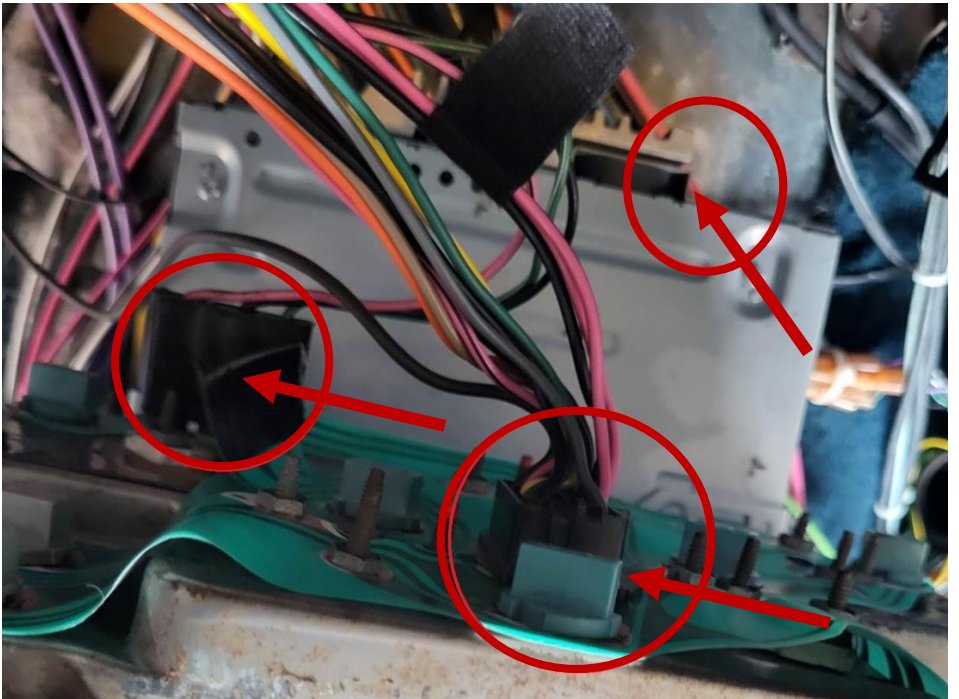


STEP 6: Remove 6 x Phillips head screws holding the center gauge console in place (There will be more screws to remove on the 68-77)



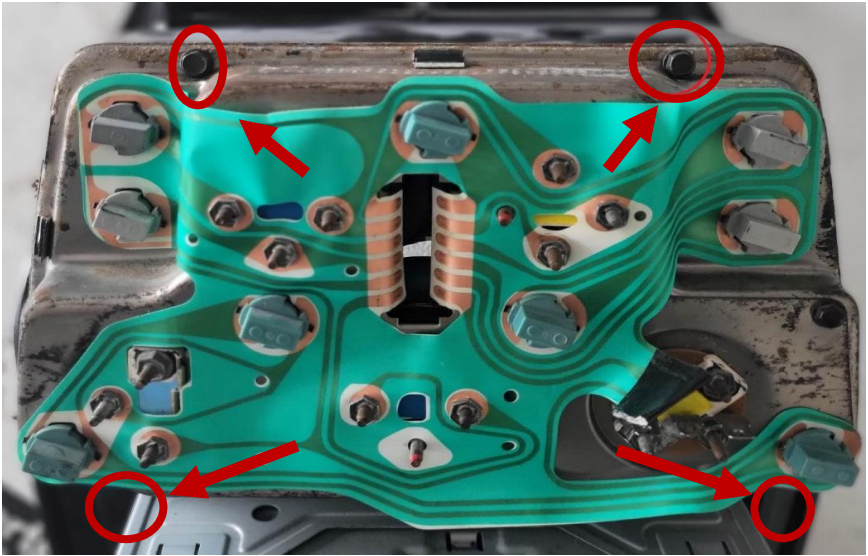
C3 CONSOLE GAUGE INSTALLATION

STEP 7: Remove 6 x Phillips head screws holding the center gauge console in place (connections may not be identical, 78-82 Shown)

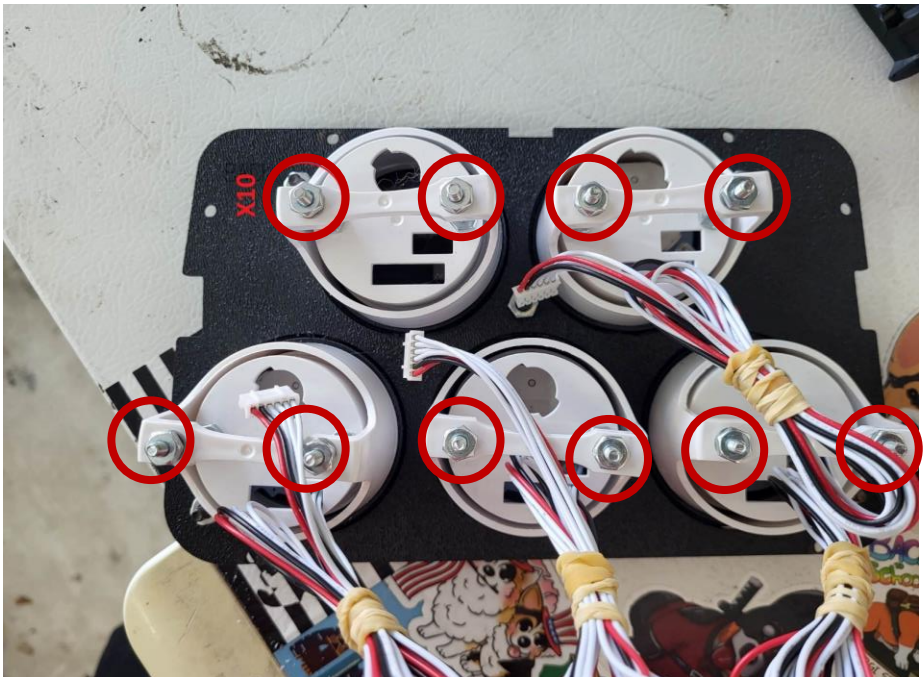


C3 CONSOLE GAUGE INSTALLATION

STEP 10: Move center gauge console to a workbench. Remove 4x 9/32 screws and set factory gauges aside.



STEP 11: Assemble New Vintage USA cluster as shown. Ensure that gauges are oriented in the proper direction before tightening 10 x 5/16 nut to secure them in place.



C3 CONSOLE GAUGE INSTALLATION

STEP 12: Install New Vintage USA cluster into console using the same 4x 9/32 screws that were removed for the factory unit.

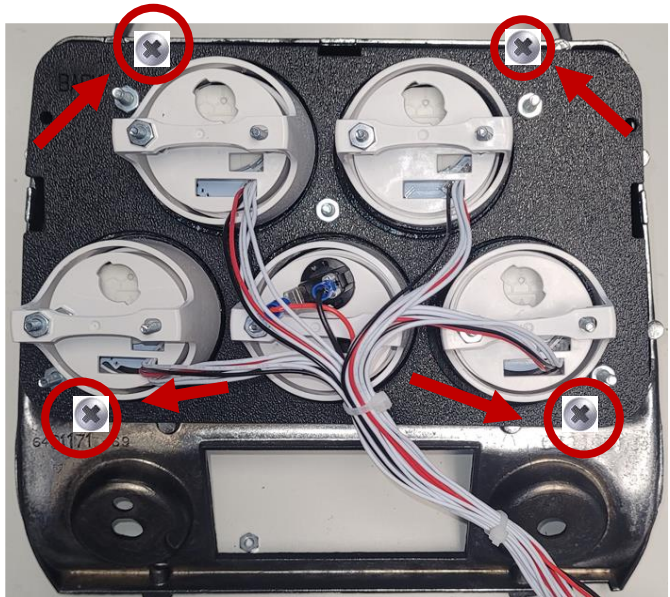
Connect the marked Minor gauge side of the jumper wires at this point to Speedo/Tach



SPEEDO/TACH SIDE

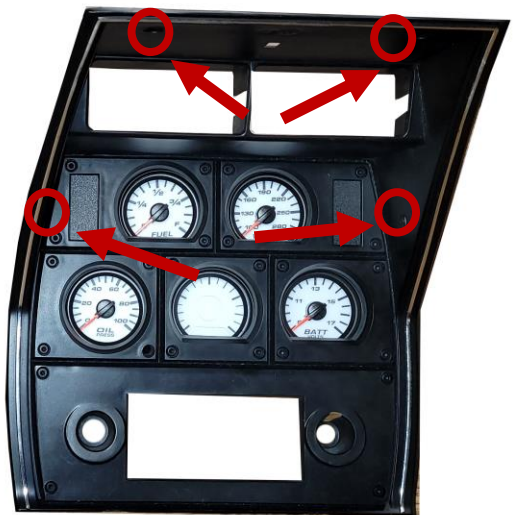
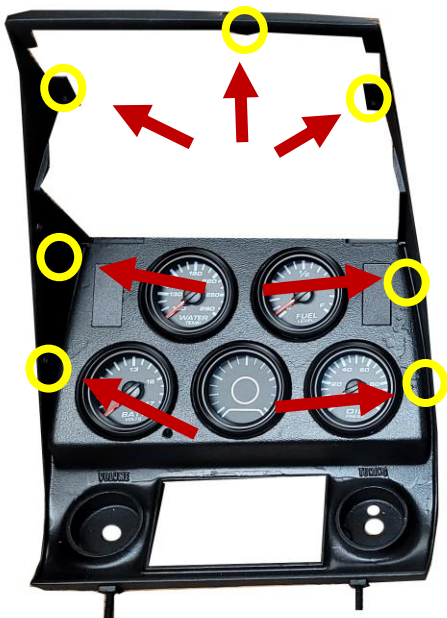


MINOR GAUGES



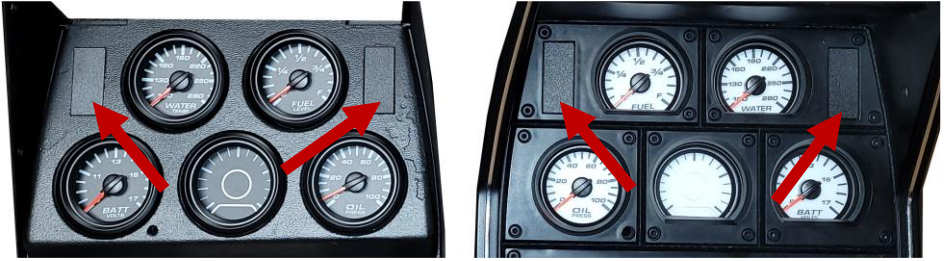
STEP 13. Finish instillation by reinstalling all the remaining trim pieces in the order they were removed.

(There will be a couple more screws to on the 68-77)

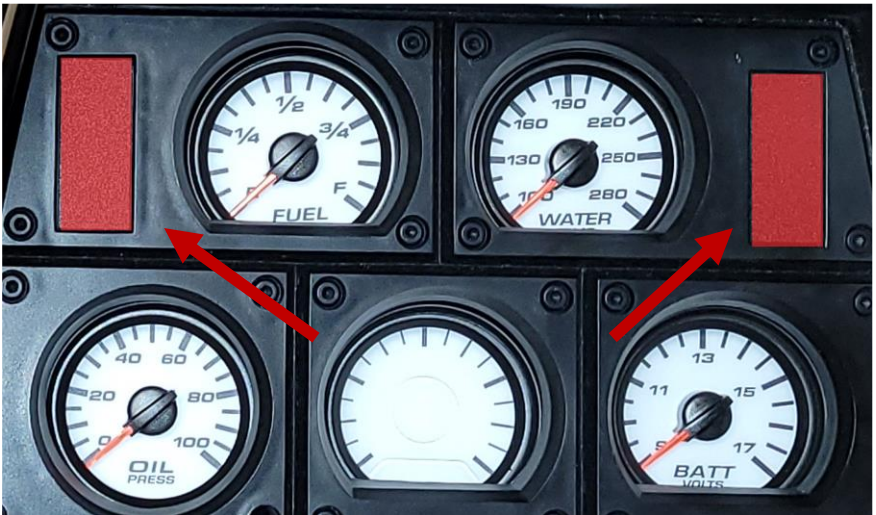


C3 CONSOLE GAUGE INSTALLATION

STEP 13.1: Install included Indicator Block out piece as shown below. Remove self adhesive and place over the openings.



Zoomed in view



Congratulations on finishing your gauge install!

Refer to the wiring instructions located in the Phoenix Big Book Instruction Manual for more information or contact us by phone or email: Service@newvintageusa.com for more assistance.



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