

gauge marks™

Proudly made in the USA

70-77 Camaro
U14 Gauge Face Restoration Pkg

This set may also be used for 78-80 Camaro, however the TEMP gauge markings vary slightly

APPLICATION GUIDE

gauge marks™ is proudly the only gauge face restoration tool of it's kind on the planet. Please take a few minutes to read through this application guide. The info provided inside assures that you achieve professional results with minimum effort.


gauge marks™ are easy to apply, but require a degree of patience. Attention to prep is the key to achieving professional results. When applied correctly, these markings will give your gauges a factory fresh appearance for many years to come.



Thank you for choosing [gauge marks™](#)

1. Needle Removal – Needles can be removed by using a prying tool . In the picture shown here the needle is being pried upwards by applying pressure from the bottom of the needle base. Use steady upward pressure. If you do not feel the needle starting to move with light -medium pressure, spray with a penetrating oil such as WD-40. The needle from each gauge can be removed in the same manner. Use care and patience when removing the needles. They sometimes get a little stubborn after 30+ years of being attached. DO NOT attempt to pull the needles from the gauges by hand.



 **TIP:** take pics of each gauge before removing needles and note the position of the needle on each gauge. This will ensure that your needles are in the correct location when reinstalling them.

Early Tachometer (pre '78) - This needle does not separate from the tachometer. To remove the tach face, bend the center tab forward and remove the screws. The face can then be slipped up and over the needle.



2. Stripping – For a professional restoration, the gauge faces should be stripped of the old paint and markings. This can be done by soaking the gauge faces in lacquer thinner and using a soft bristled brush, or by media blasting. If using a media blaster, use a light abrasive such as glass beads. This will leave a smooth clean surface. This speedometer face was bead blasted.



3. Finishing – How you finish the gauge faces is limited only by your imagination. The gauge faces can be painted or powder coated any color that you like. The example here was finished with Krylon semi-gloss black. This will give a nice stock appearance.



APPLICATION

The following section will take you through the process of applying the gauge markings. If the gauge faces have been painted make sure that ample time has been allowed for the paint to cure properly before proceeding. As mentioned before, gauge marks™ are easy to apply but some care and patience is required to achieve professional results. Please take time to prepare a clean, well lit work space. The gauge faces (as well as your hands) should be free of all dust, dirt, grime, grease, etc.

4. Large Face Gauges – The speedometer and tach have dots for alignment marks. These dots will line up your markings perfectly when aligned with the screw holes in the gauge face. A cutout is needed in the tach transfer sheet to allow it to lay over the tab on the tach face. Center a \$.25 piece between the alignment dots on the tach transfer and trace around it with an exacto knife. Cut ONLY through the clear transfer. Cutting through the white backing is not necessary.



The gauge markings and clear transfer sheet are now ready to be removed from the white backing sheet. Lightly rub a finger across the clear transfer to ensure that the gauge marks have adhered to it properly. **DO NOT USE EXCESSIVE PRESSURE.** Lift one corner of the transfer and slowly start to peel it away from the backing at a 45 degree angle. Make sure that each marking is attached to the transfer as you lift it. If a marking remains on the white backing, let the clear transfer go back into place and once again lightly rub over the marking to adhere it. This procedure will be the same for small face gauges.



5. Applying the Markings – Once the markings have been lifted from the backing sheet apply them to the gauge face by aligning the dots on the transfer with the screw holes in the gauge face. Let one side of the transfer sheet make contact with the gauge face. Use **light finger pressure** to guide the transfer sheet evenly across the surface. This will keep wrinkles and bubbles from forming under the transfer and assures proper alignment of the markings. **Using excessive pressure may cause the markings to stretch or slide out of place.**



6. Removing the Transfer – The clear transfer sheet is removed from the gauge face in the same manner as it was removed from the white backing. Start at one corner and remove slowly, once again making sure that the markings have adhered to the gauge face.



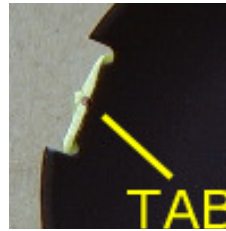
Once the transfer is removed, you will have a completely restored gauge face. The markings have a strong adhesive and will stay in place. For added security an **optional** light coat of satin clear may be applied over the entire face. Krylon makes a UV resistant satin clear that is excellent.



[Small gauge info on page 4](#)

7. Small Face Gauges – The markings for the clock has location markers for the center hole, as well as the hole for the adjustment stem. Alignment for the clock is very simple. The FUEL, TEMP, and VOLTS gauge markings have the center location marker only. A second location marker will be required for proper alignment. This process is the same for all three gauges. The following steps will describe the application of these three gauges.

Step 1 – Each of the FUEL, TEMP, and VOLTS gauges has a notched tab on either side of the gauge that is used for installing the gauge into the gauge panel. The center of the far left gauge marking generally aligns with the center of the left tab. Place a small piece of masking tape on the tab and use a pen to mark the center of the tab.



TIP: Although Each of the FUEL, TEMP, and VOLTS gauge metal faces are identical, there may be some small indentations from the factory stamping. Try to use each gauge face for the same application as it was used originally.

Step 2 – Next, use a straight edge and a fine line Sharpie (pen) to draw a straight line through the center of the far left marking and the center location dot. Make this mark directly onto the clear transfer sheet.



Step 3 – Apply the markings to the gauge using the center location dot and the straight line as alignment marks. This will place the markings in the correct location on the gauge face.



Step 4 – Peel the clear transfer sheet from the gauge as described in section 6. The gauge face is now restored.

