

DELOREAN
140 MPH SPEEDO FACE
INSTALLATION

- A. Installation of this 140-MPH face decal to a stock 85-MPH DeLorean speedometer will require recalibration of the speedometer by a qualified speedometer shop. This service is easily performed by speedo repair facilities and does not require any additional parts. Inform the speedo shop doing this work that the settings for recalibration are: 1000 RPM speedo cable input speed equals 60 MPH on the speedo face needle.
- B. The 140-MPH face decal is made from self-adhesive vinyl with a silk-screened face. Care must be taken with this decal to prevent stretching of the vinyl and/or scratching or marring of the matte black facing. Handle this decal by the “white area” around the black face when possible.
- 1) Remove binnacle with instrument cluster - follow DMC shop manual.
 - 2) Remove 8 Phillips head screws holding cluster to binnacle and remove cluster.
 - 3) Remove the screw, knob and collar from the trip meter reset arm.
 - 4) Remove 6 Phillips screws holding clear plastic face to cluster and remove face.
 - 5) Remove 6 hex nuts from back of tachometer and remove tach from cluster.
 - 6) Remove 2 hex head bolts with rubber washers from back of speedo and remove speedo from cluster.
- 7) In order to remove the speedo face, the speedo needle must be removed. The speedo needle is just pressed on to a shaft, which runs through the speedo and attaches to a drum on the back side.
- 8) Remove the speedo needle by pulling straight off - Do not bend the needle or shaft - Note: Pull on the black colored base of the needle - you may have to very carefully pry between the speedo face and the underside of the needle base to get it to “pop” off. The speedo face is made of plastic and mars very easily - use appropriate caution.
- 9) Once the needle is removed turn the speedo over - remove the 3 spring clips holding the speedo face plate on to the body. Use a pair of needle nose pliers to squeeze the ends of the spring clips together to release them - once again, the plastic tabs that the spring clips are hooked to are somewhat delicate. Use care. Remove the plastic faceplate. Set the speedo unit aside.
- 10) The numbers on the speedo face plate are painted on. When the 140-MPH decal is applied over these numbers, the numbers may cause raised spots through the 140-MPH decal face. We recommend fine sanding the speedo face with 400-grit sandpaper to remove these painted numbers before the decal is applied.
- 11) With the backing still attached to the 140-MPH face decal, lay the decal over the faceplate to trial fit it. Hold the faceplate and decal up to a bright light so the light shines through the back of the faceplate and you can check for proper alignment of the decal.

- 12) Make sure the faceplate is smooth and clean. Using Windex, spray the faceplate until wet. Peel the backing from the decal and spray the decal back with Windex until wet. Now lightly apply the decal over the faceplate. Hold up to the light to check alignment. If incorrectly aligned carefully pull the decal free from the faceplate, spray with Windex again, and lightly reapply. Check alignment again and repeat procedure until correct alignment is obtained. Once you have the correct alignment, set the faceplate with the decal on a table with the decal facing up. Note: Wet the tabletop area with Windex to keep the edges of the decal from sticking to the table. With the decal facing up, wet the face with Windex, place the decal backing paper you removed earlier over the decal face. Working from the center of the speedo face out to the edges, press the decal onto the face plate in a squeegee type motion while working the Windex fluid out from between the surface without creating any air bubbles. Once the decal face is smooth, rough trim the white decal edges with scissors to within about 1/2 inch of the faceplate. Set the face plate aside and allow to air dry for about 24 hours.
- 13) After the faceplate and decal have dried, it is time to trim the decal. Using an Xacto knife or razor blade, carefully trim the decal and cut the openings as required, using the faceplate as a guide. After the decal is trimmed to fit, the white decal edges can be colored using a black felt tip pen. Be careful not to get any black ink from the felt tip onto the decal face.
- 14) After the faceplate is trimmed and finished, **it** can be reinstalled to the speedo body. Replace the face on the body and install the 3 spring clips. Squeeze the spring clips with needle nose pliers and slide over the plastic posts on the back of the faceplate. Release the spring clip after placed in position.
- 15) Very lightly press the speedo needle back onto the shaft. Do not press the needle on very firmly. The speedo shop will need to remove this needle when doing their recalibration. During recalibration, the speedo shop will correctly reinstall this needle.
- 16) Take the speedo for recalibration.
- 17) Upon return, reinstall the speedo by reversing the removal steps. No other adjustments are required to any other part of the speedo system to make your new 140-MPH speedo work correctly.

NOTE: Before reinstallation of the binnacle and instrument cluster assembly, it is a good idea to re-lubricate the upper speedo cable while it is exposed. To do this, just pull (slide) the inner cable out of the housing (the cable housing does not need to be removed), lubricate with grease, and slide it back into place.