



Z T H I R T Y T W O . C O M

## 1993-1996 Nissan 300zx Non Turbo Illuminated Gauge Face Installation

Once the needles are removed you can remove the existing gauge faces by lifting them up. They are held on with double sided tape. Install the new coolant/fuel gauge faces and reinstall the needles in their proper location.

The speedometer and tachometer needles have plastic stems. They can be removed by carefully turning them clockwise until you feel the needle stop just past 6 o'clock. At this point keep turning clockwise slowly while gently pulling upward. When the needle gets to the rest pin carefully lift it over the rest pin and continue turning clockwise while pulling up. The needle should come off after one complete rotation. With the needle removed pull the original gauge faces off and remove the rest pins. The rest pins need to be swapped over to the new gauge faces. They are melted into place from the backside. A razor blade can be used to cut them free. Super glue or a quick epoxy can be used to fit them to the new faces.

The oil pressure gauge face is held in place with 2 small Phillips head screws. Remove them and carefully remove the face. The upper left lip of the plastic tray will need to be trimmed with a Dremel or file in order for the new gauge face wire leads to clear. Once it has been trimmed install the new gauge face using the original 2 screws. The tach face can be installed once the oil pressure face has been fitted.

You will need to drill either one or two holes into the rear cluster housing to pass the gauge face wire leads through. We recommend one hole on either side up at the top or at the bottom of the cluster. Reinstall the gauges and pass the wire leads through the holes one at a time. You can use electrical tape or plastic zip ties to combine the wire leads into one clean set. Then connect the supplied Y splitter cable to each gauge face wire lead.

Mount the power supply to the back of the cluster or inside of the dash using Velcro or double sided tape. The red wire coming out of the power supply needs switched 12 volts and can be connected to the headlight switch harness green/red wire. The black ground wire needs to be connected to chassis ground.

You can now plug the cluster back into the car but do not install the clear plastic lens just yet. Connect the power supply to the wire splitter that is connected to the gauge faces. Turn on the dash lights using the headlight switch to test the gauge face illumination. They should turn on and off with the headlight switch. They will not adjust brightness with the dimmer though.

**Disclaimer: By installing the gauge faces the installer accepts responsibility for any possible damage that may occur during installation or resulting from modification of the cluster and vehicle. ZThirtyTwo is not held liable for any possible damages.**