

## AUDI TT MK1 ILLUMINATED GAUGE FACES INSTALLATION

reinstall and calibrate the speedo and tach needles press the needle onto the metal shaft of the gauge. Turn the needle counterclockwise. It will go past the lowest mark and continue until resistance is felt. Continue turning gently to the lowest indicator mark. Turn the needle counterclockwise until resistance is felt again. Then continue turning gently to the lowest indicator mark. Make sure the needle rest at the lowest indicator mark. Repeat this for all of the other needles.

Install the power supply for the gauge faces. It can be mounted using Velcro or double sided tape. Find a suitable location that is close to the cluster. The two wires that do not have a connector on them are for 12v and ground. The black wire needs to be connected to ground at the headlight switch brown wire using the supplied wire tap connector. Using pliers crimp the wire tap onto the brown wire at the headlight switch. The red 12 volt wire needs to be connected to the headlight switch power that comes on with the dash lights. This wire is either grey/purple if you want the gauge faces not to dim with the switch or grey/blue if you want the gauge faces to dim with the switch. If you want the gauge faces to come on when you turn the ignition key on connect the red wire to yellow/red.

We highly recommend testing the cluster before reassembling it completely. Install the cluster back into the car and plug all of the connectors in. Reconnect the battery and turn the key on. Make sure the cluster comes on as normal. Turn on the dash lights using the headlight Switch to test if the gauge faces are lighting up. If everything is working up to this point you will need to test drive the car to make sure all of the gauges are calibrated properly. Turn the key on and wait for the gas needle to go to its final position and make sure its the same position from before the needle was removed. Start the car and let it idle until the engine gets up to normal operating temperature. The temp needle should move to the middle of the gauge range. check the tach by revving the motor. Once the tach, temp, and fuel are verified check the speedo by taking the car for a drive. You may need to recalibrate the needle if it is off. When the car comes to a stop make sure the speedo needle rests at or very close to 0.

Once all of the needles are set properly disconnect the battery ground and remove the cluster. Reassemble the cluster and reinstall it back into the car. the lower dash panel can now be installed.

Thank you for your business!