

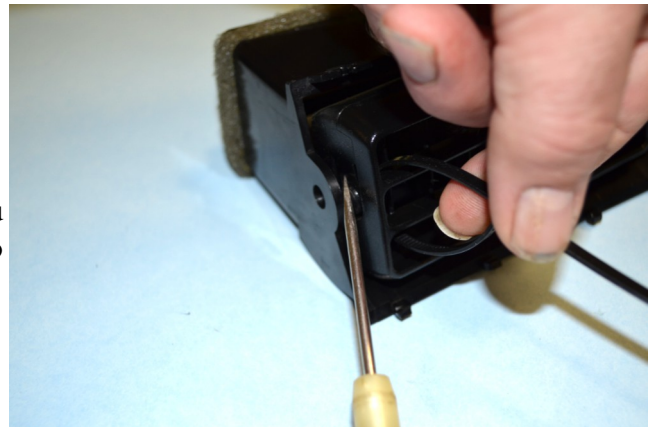
Vent Gauge Pod Installation – 1990-92 Lincoln Mark VII

Congratulations on your purchase of a Tecmotion Vent Gauge Pod for your 1990-92 Mark VII. These gauge pods are designed to be a direct fit replacement for the A/C vent in the dash of your Mustang and allow installation of most 2 1/16" (52mm) gauges. The gauge boss in the pods is oversized to fit larger than spec gauges like the AEM wideband, and is tapered from front to back like most gauge bodies are.

When working with plastic parts be gentle and take your time. Only a minimal amount of force is required to remove the factory vent and install the Tecmotion vent pod and the aged plastic parts in your dash may be brittle!

Installation

- 1) Remove the factory vent by inserting a small screwdriver between the vent and vent housing and gently pry the tab inward and the vent outward (toward you). Start on the side of the vent away from the air door wheel. You should be able to pull it forward far enough to clear the housing and then pull it away from the air door wheel and out of the dash. Looping a zip tie through the vent grates can create a pull point that will assist you with popping the vent out.
- 2) Once you have removed the vent or vents, you will need to pop the vent housing out of the dash. Pull the trim panel that is between the radio and AC vents back starting at the right side and using a trim tool, or carefully with a flat screwdriver. The vent panel will then pull straight out of the dash, but will hang up on a wiring harness and the air temp sample tube on the left side. You can gently pop the air temp sample tube off to get some more clearance and make it easier to pull the vent housings out of the dash.



- 3) With the vent housings removed from the dash, you can run the gauge wiring through the space between the vent tubes and back of the dash. Once the gauge wiring is pulled through, reinstall the vent housings making sure to reconnect the air sample tube and any wiring you disconnected to pull the housings out. The wiring should squeeze between the vent housing and vent tubes and protrude far enough to connect your gauge.
- 4) Insert your gauge in the pod and secure it using one of the supplied retainers. You only need to tighten the retainer nuts until they are snug. Overtightening may damage the retainer. If your gauge is not compatible with the supplied retainers and did not come with a retainer that will work with this vent pod, use a wrap of electrical or duct tape around the gauge body to enlarge the size enough for a friction fit in the pod. When installing the 25mm dogbone style retainer, gently hold the legs in place on the back of the gauge boss in the vent pod as you tighten the retainer nuts down, and be gentle.
- 5) With the gauge installed in the pod, connect the wiring to the gauge. Depending on the length of your gauge you may have to partially close the air door in the vent housing during installation. Install the vent pod assembly in the vent housing by first inserting the end that mates with the air door wheel, then rotate the vent pod inward. Use a small screwdriver to pry the mounting tab inward while you push in on the vent pod. It should seat in the retainers in the vent housing and allow a very small vertical rotation of the vent. Enjoy your new gauge!

