

VACUUM GAUGE

The vacuum gauge measures the engine's intake manifold vacuum. Knowing the vacuum, you can adjust your driving speed to maximize your fuel mileage. The vacuum gauge can also be used to diagnose mechanical, ignition, or fuel problems in the engine.

PRO TIP: In general, maximum fuel economy during cruising speeds can be achieved by maintaining a high and steady vacuum reading at the desired speed.

NOTE: Replacement Gauges may require Vacuum Tubing Kit MODEL CP 7575.

ASSEMBLY INSTRUCTIONS

1. Connect the vacuum hose to the intake manifold using one of the following procedures:
 - a. Connect the vacuum hose to an accessory vacuum hose connected to the intake manifold (below the carburetor) by using the supplied "T" adapter as shown in Figure 2.

NOTE: Do not connect the gauge to the vacuum advance hose (hose leading to the vacuum advance unit on the distributor).

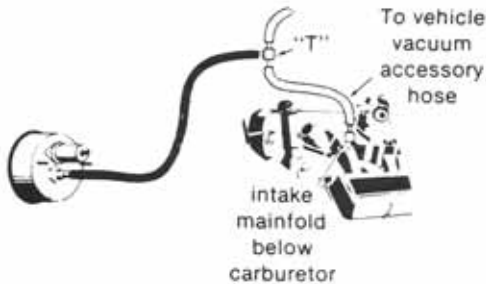


FIGURE 2

- b. If no true vacuum hoses are present, locate and remove the pipe plug from the manifold and screw in the manifold adapter (supplied with gauge). Attach the vacuum hose to the manifold adapter as shown in Figure 3.

NOTE: Apply a small amount of thread compound or sealing tape to the pipe thread to help prevent leaks.



FIGURE 3

2. Route the vacuum hose through the firewall making sure it does not come in contact with any hot surfaces or interfere with the carburetor, transmission, or other control linkages. Do not make any sharp bends in the hose. Protect the hose with tape or a rubber grommet where it passes through the firewall.
3. Securely connect the hose to the vacuum gauge.

PRO TIP: To make sure that you are connected to manifold vacuum, start the engine and increase the RPM to approximately 2,000 for a second while observing the vacuum gauge. The vacuum should decrease sharply towards zero as you increase RPM from an idle vacuum reading of between 15" and 22". As RPM returns to idle, the vacuum should increase above the original idle vacuum and then return to a normal idle vacuum. If the above is not observed, you are not connected to a direct source of manifold vacuum. Try another vacuum hose.