

913-81101 - Single Gauge Leakdown Tester

Differential Compression Test Steps:

1. Start engine. As soon as engine reaches operating temperature, shut it off. Remove spark plug from the cylinder to be evaluated.
2. Connect air source to the tester. Always use the same length of hose.
NOTE: The air source must exceed 80 psi (125- 150 psi is ideal).
3. Before spark plug adapter is connected, use the black knobs to adjust regulated air pressure to 0% leakdown.
4. Install the spark plug boss adapter and gasket in the cylinder. Rotate the engine until the piston is TDC (compression stroke).
5. Connect the cylinder hose quick disconnect to the spark plug boss adapter.
NOTE: If crank rotates, piston is not TDC. If this happens, reverse rotation 1/4 to 1/2 revolution and come forward again to TDC.
6. Disconnect tester from cylinder. Leave regulator as is.
7. If additional cylinders are to be tested, repeat steps #4 through #5.