

CYLINDER PEAK PRESSURE INDICATORS

MEASURE FIRING AND COMPRESSION PRESSURE ON DIESEL ENGINES

Efficient diesel engine operation is important because it insures reduced maintenance and maximizes fuel economy and engine availability.

Diesel engines operate most efficiently when each cylinder carries an equal portion of the total load. The most reliable method of measuring cylinder load is to measure the firing pressure of each cylinder.

The KIENE Cylinder Pressure Indicator has been the instrument of choice for engine owners and operators, engine manufactures, and service personnel for over fifty years. By utilizing the KIENE indicator, over and underloaded cylinders can be identified and the necessary corrective action initiated to maximize engine and/or cylinder operation.

The indicator attaches quickly and conveniently to any standard indicator valve. The "trapped pressure" design utilizes a light weight check valve, reducing the effects of inertia, insuring maintenance free operation and permitting the averaging of several pressure readings. The liquid filled gauge provides a steady pointer for quick, accurate cylinder pressure readings in either psi or bars. The design of the indicator allows installation in a minimum amount of space, and attachment to the indicator valve in any position. The gauge can also be rotated at any point in a 360 degree arc for convenient reading.

If cylinder firing pressures are not being utilized to determine engine operation and condition, engine operation and its operating costs may be adversely affected.

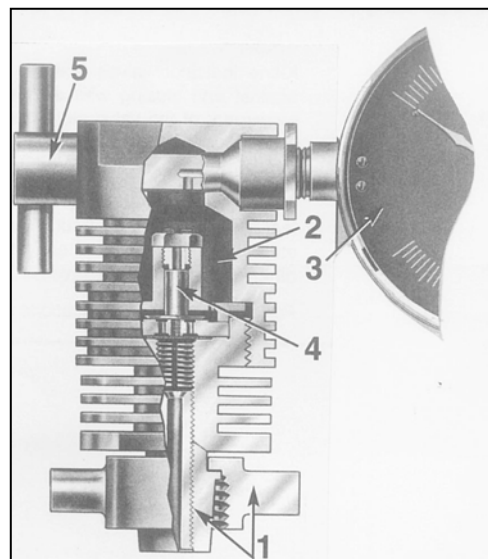
INSTALLATION & OPERATION

The indicator is installed on the indicator valve using the wing nut & plug (1). When the indicator valve is opened, the check valve (4) will rise and fall with the engine cylinder pressure, trapping the maximum pressure in the pressure chamber (2), and this average maximum pressure can be read directly on the dual scale pressure gauge (3). The gauge may be conveniently positioned for ease of reading by loosening the gauge bolt wing nut (5). The pressure in the pressure chamber (2) and on the pressure gauge (3) is removed by loosening the wing nut (5).



Equipped with 3.5" xytel nylon case, threaded bezel, liquid filled bourdon gauge, dual range in psi and bar, complete with carrying case and service tools.

Model	Range
K-100	0-140 bar / 0-2000 psi
K-107	0-210 bar / 0-3000 psi
K-108	0-250 bar / 0-3500 psi



Made In USA