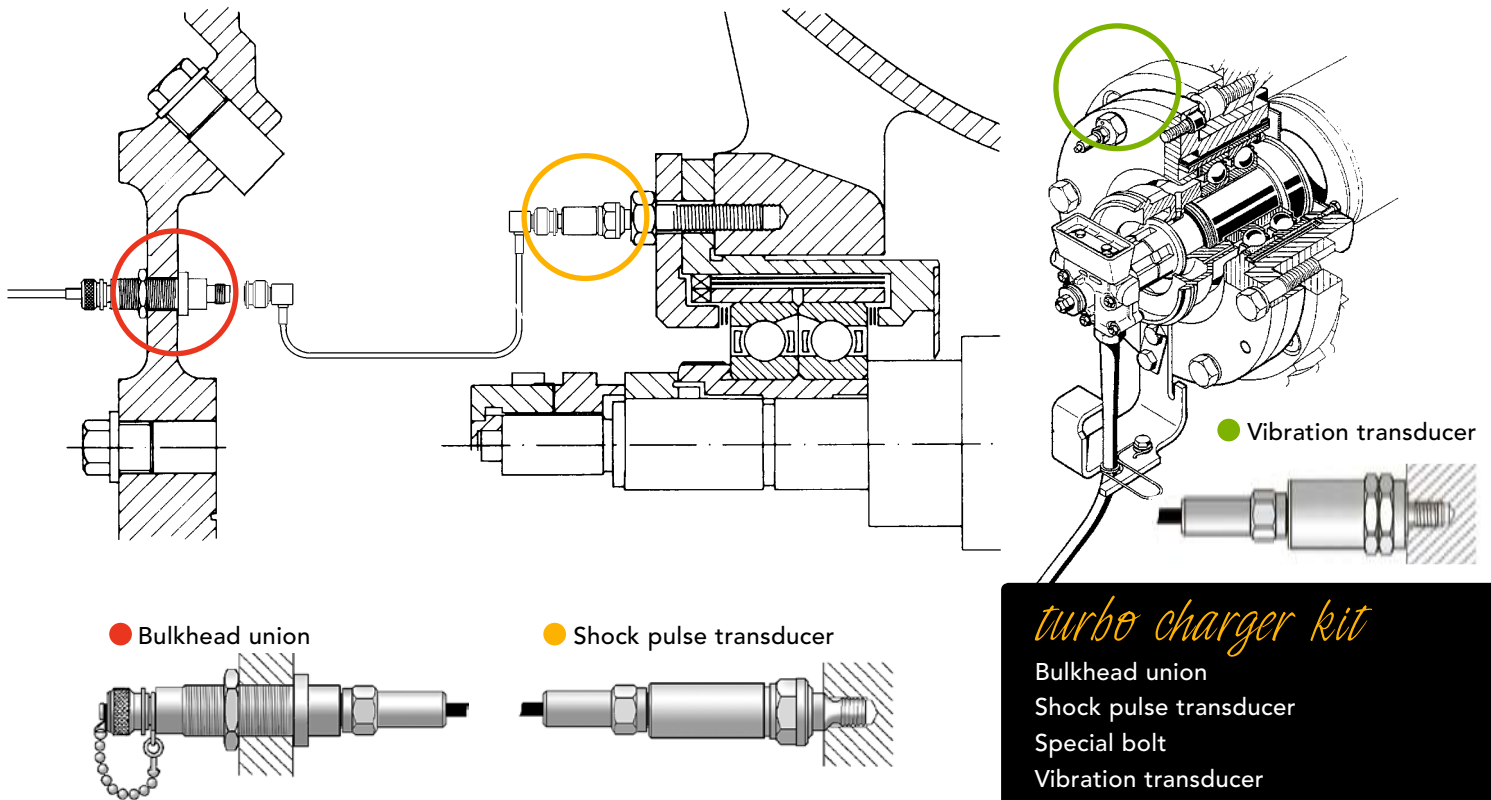


solution

turbo charger

by spm

SPM
condition monitoring solutions



turbo charger kit

Bulkhead union
Shock pulse transducer
Special bolt
Vibration transducer
High temperature cable assembly with sealed connectors

Condition monitoring of turbo chargers

Helps to achieve it's full life time and avoid catastrophic failures! We offer a complete, reliable, cost-efficient solution for surveillance of TCs.

Turbo chargers on engines are vital to the economy and operation safety. Bearing failures can result in very costly direct and secondary damage and even heavier down-time costs. Our long experience from the marine and land industry has shown that reliable condition monitoring gives rapid returns on the investment made.

Our Solution

Shock pulse transducers installed in the bearing housings, both on the turbine and the compressor side, are connected by coaxial cables to a multichannel measuring and display module. A vibration transducer monitors the overall movement. The readings can also be captured with a handheld unit e.g. Leonova™. You get an instant, user friendly condition evaluation on a green – yellow – red scale. The system gives immediate results as maximized up-time, increased profitability and reduced cost etc.

The True SPM®-method

SPM's Shock Pulse Method is the only successful monitoring technique specializing on rolling element bearings. It presents accurate information on the mechanical state of the bearing surfaces and the lubrication condition, throughout the bearings lifetime. Installation faults and poor lubrication, the root cause of many bearing failures, are easily detected which lower the risk for secondary damage.

Leonova™ Infinity

