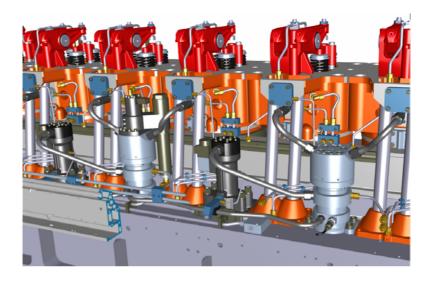
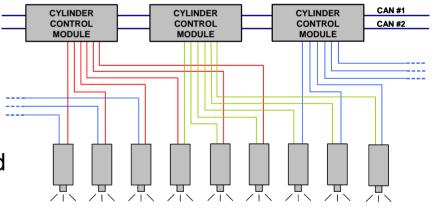
Objectives:

- •Feasibility studies in adaptive control of Power Take-In (PTI) turbocompound system and vibration control
- Prototype tests of advanced controls and diagnostics

Progress Highlights:

- •Turbocharger PTI modelling and preliminary controller design
- •Turbocharger vibration control solutions and actuators measurements setup
- Identification of faults, engine load estimation models, tests for cylinder balancing
- •Definition of adaptive control system structure and preliminary prototype testing
- Prototype system design in progress Tests planned for 2006







Partners Forum, Athens 23/9/2005