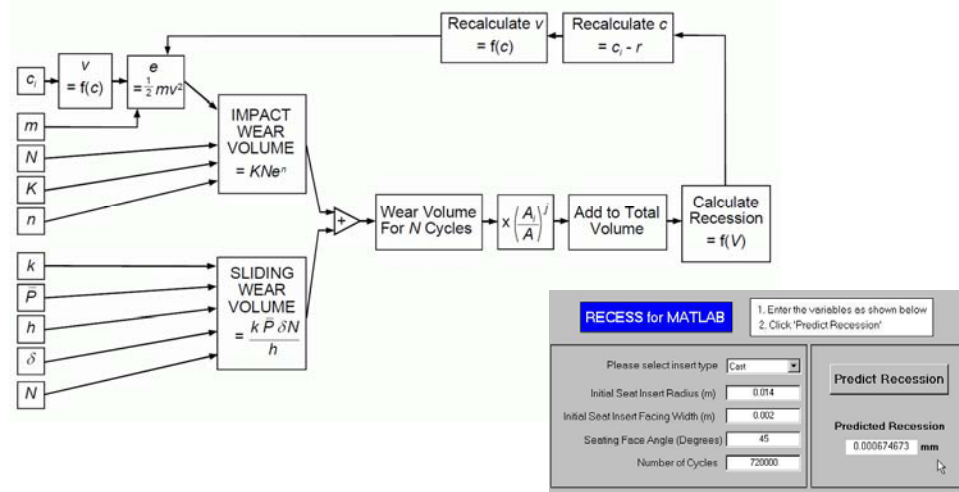
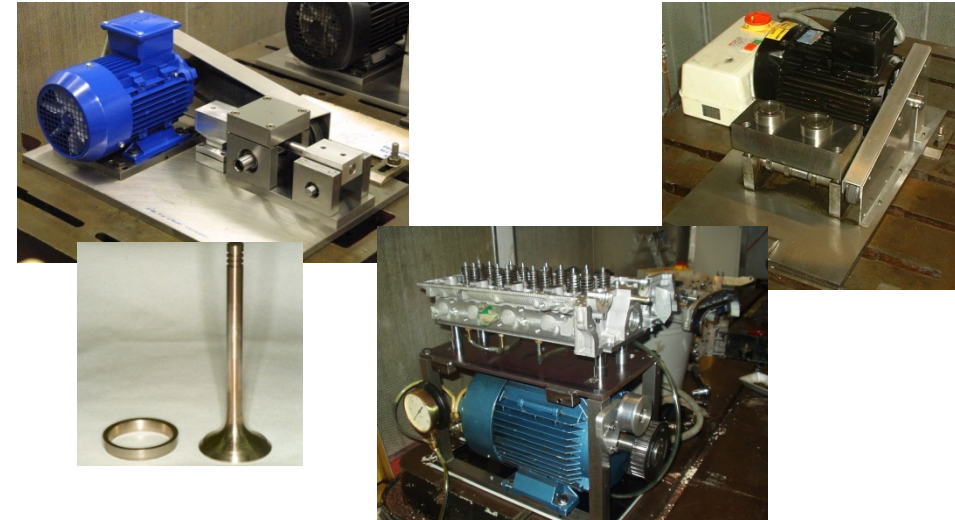


Automotive Valve Recession

Valve Recession is a big issue

- Increases emissions, reduces economy
- New technology/fuels introduce new problems
- Investigate wear mechanisms
- Create problem solving strategy
- Create predictive modelling scheme



Results

- Impact and Sliding wear mechanisms
- Different valve and valve seat materials and surface treatments investigated
- Predictive model RECESS created
- Problem solving flow charts created