



Technological
solutions for
the future

Automotive gear shift prototype controller

**Rapid prototyping of an automotive gear shift system using
LabVIEW and NI cRIO equipment**

Kongsberg Devotek is an independent product development specialist.



Industry



Embedded



Maritime



Oil & Gas



Automotive



Defence

Our areas of expertise:

- Systems engineering
- Mechanical development
- FEA & CFD analysis
- Manufacturing
- Testing
- Embedded development
- Dynamics & Control
- Electronic design

Gear shift (SMT) system for Toyota



Toyota MR2

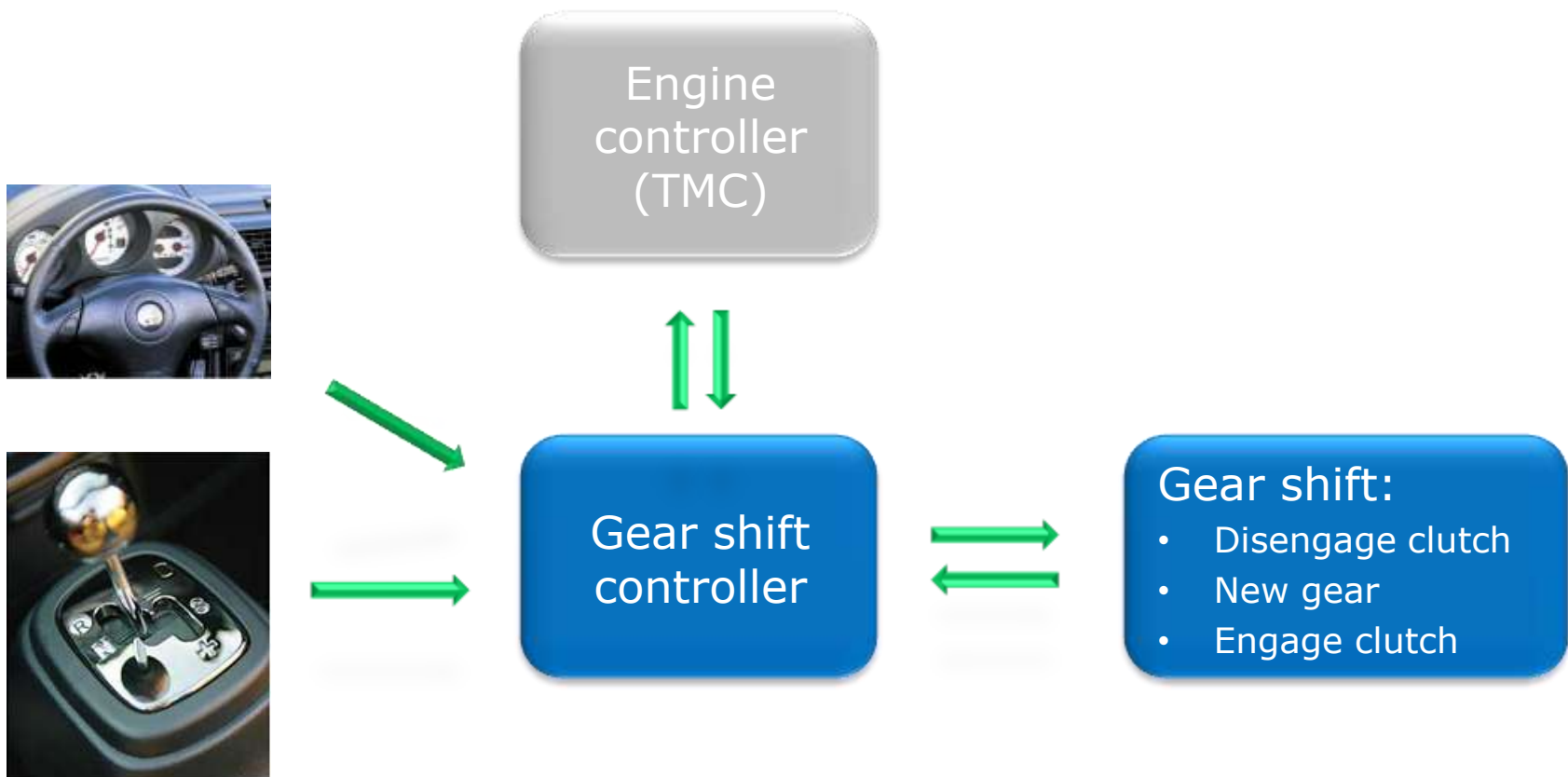
- Supplier complete system
- System design
- El, SW, mech design
- Qualification
- Production



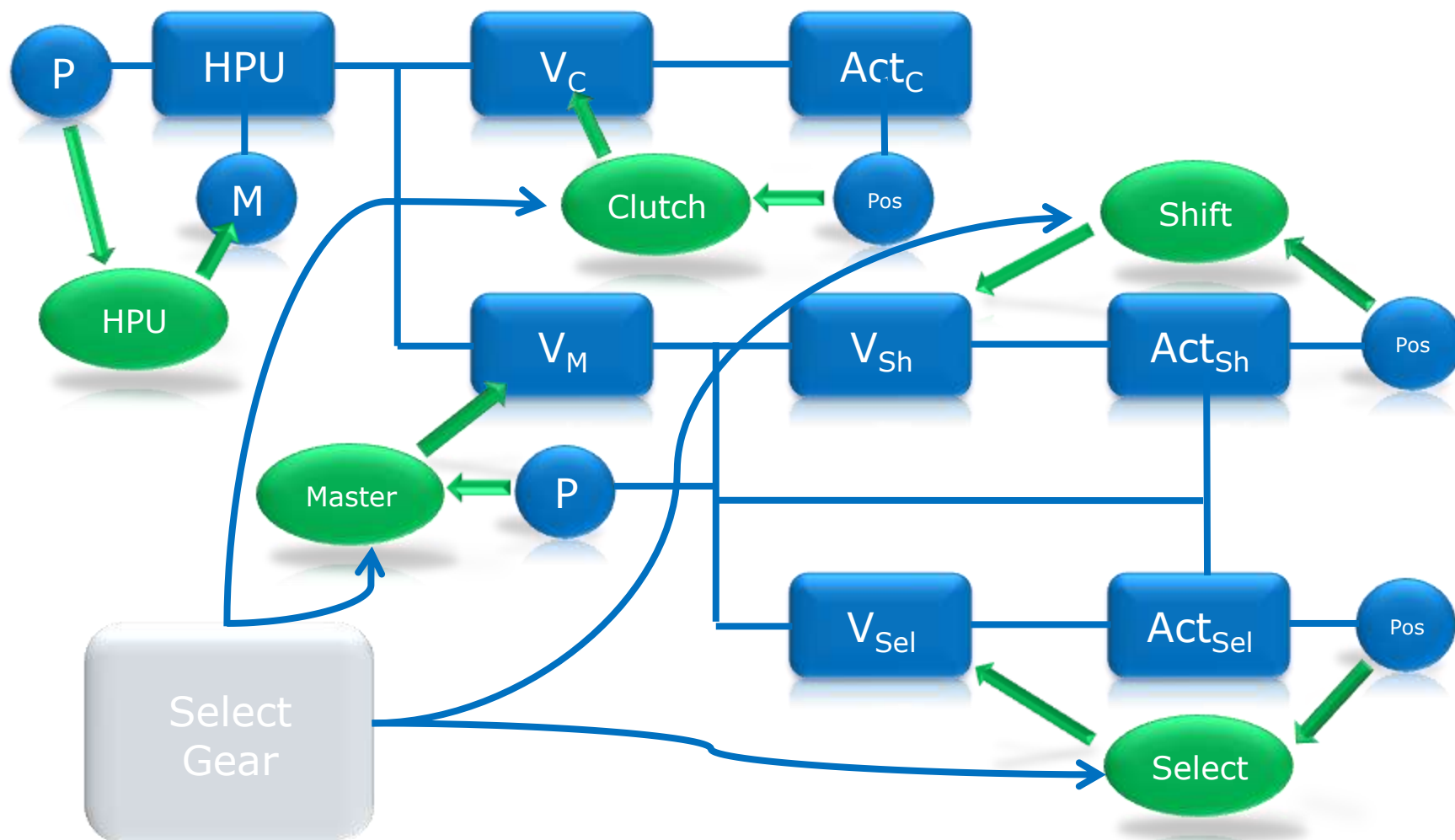
Lexus LFA

- Prototype
- System/mechanical design
- Production
- Test/verification

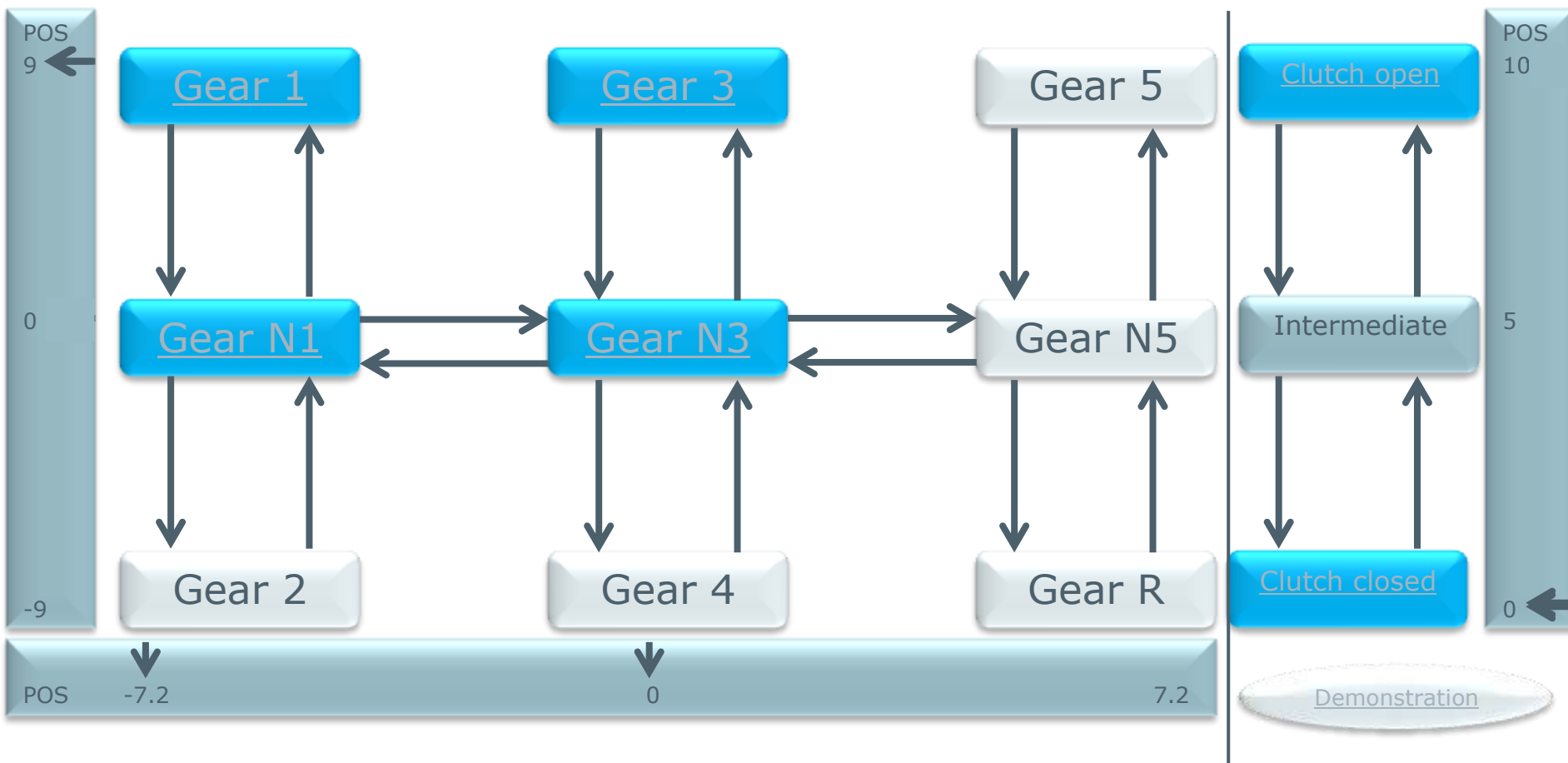
Gear shift (SMT) system

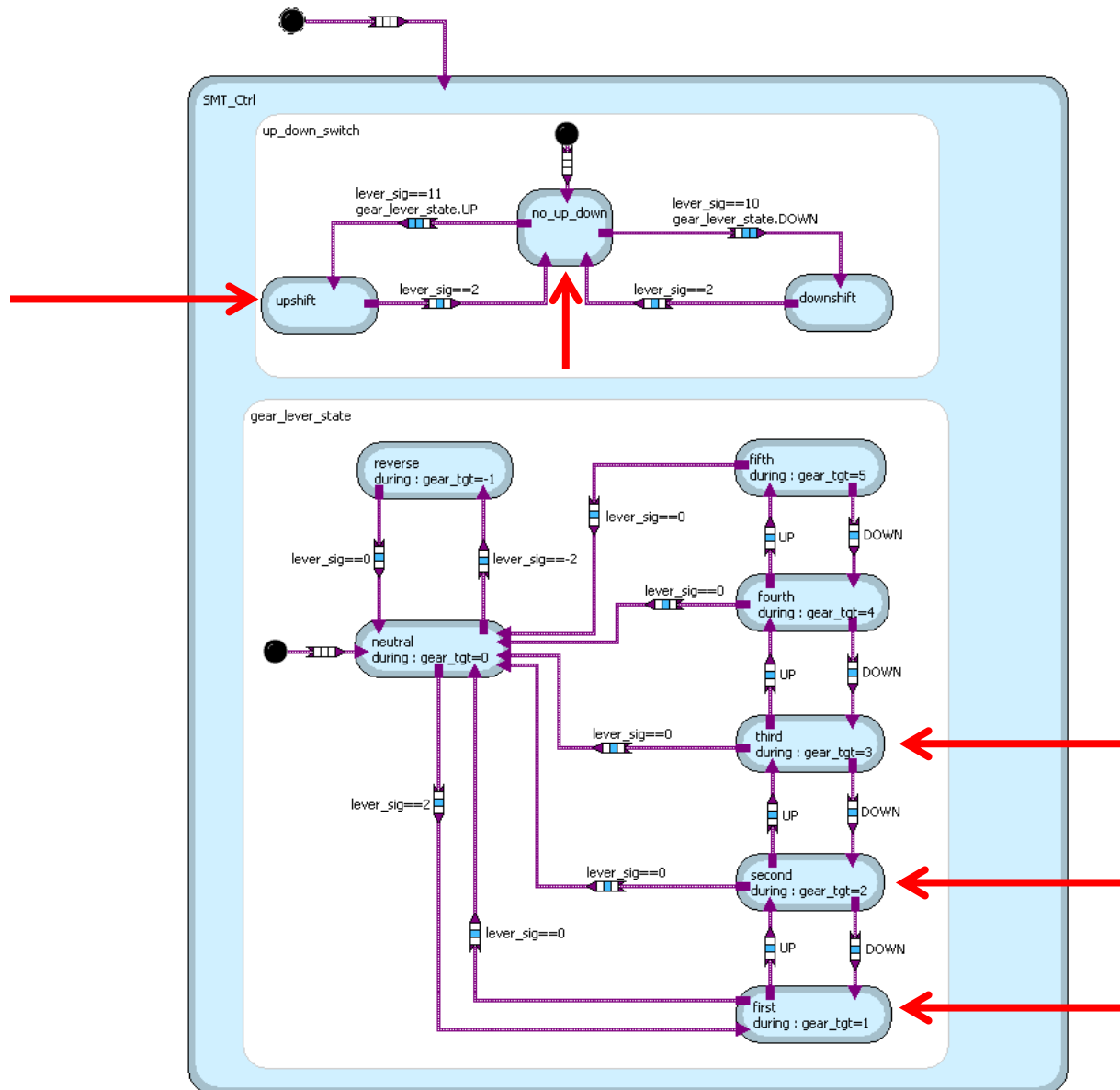


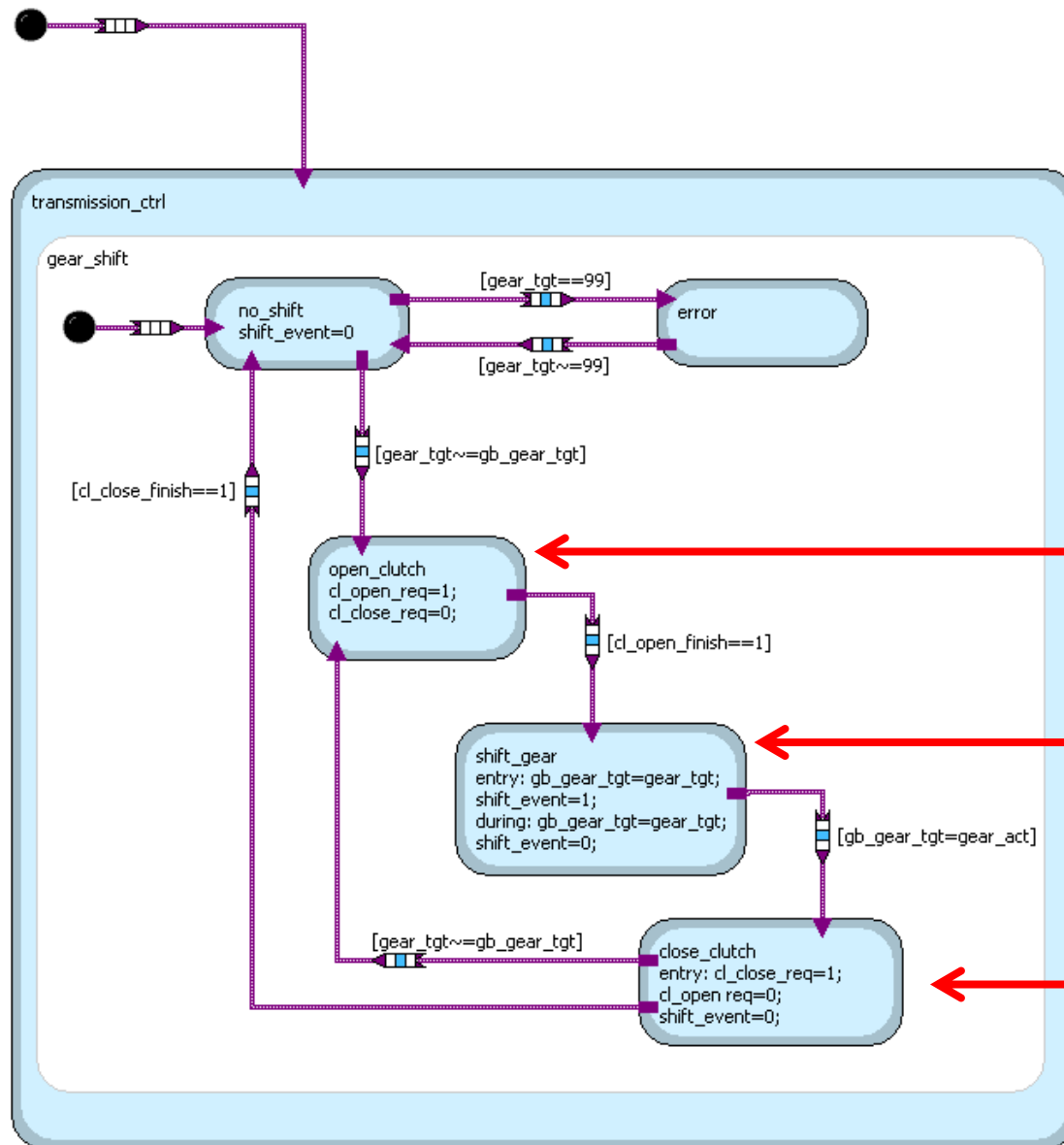
Gearbox physical layout



Shifting from 1st to 3rd example

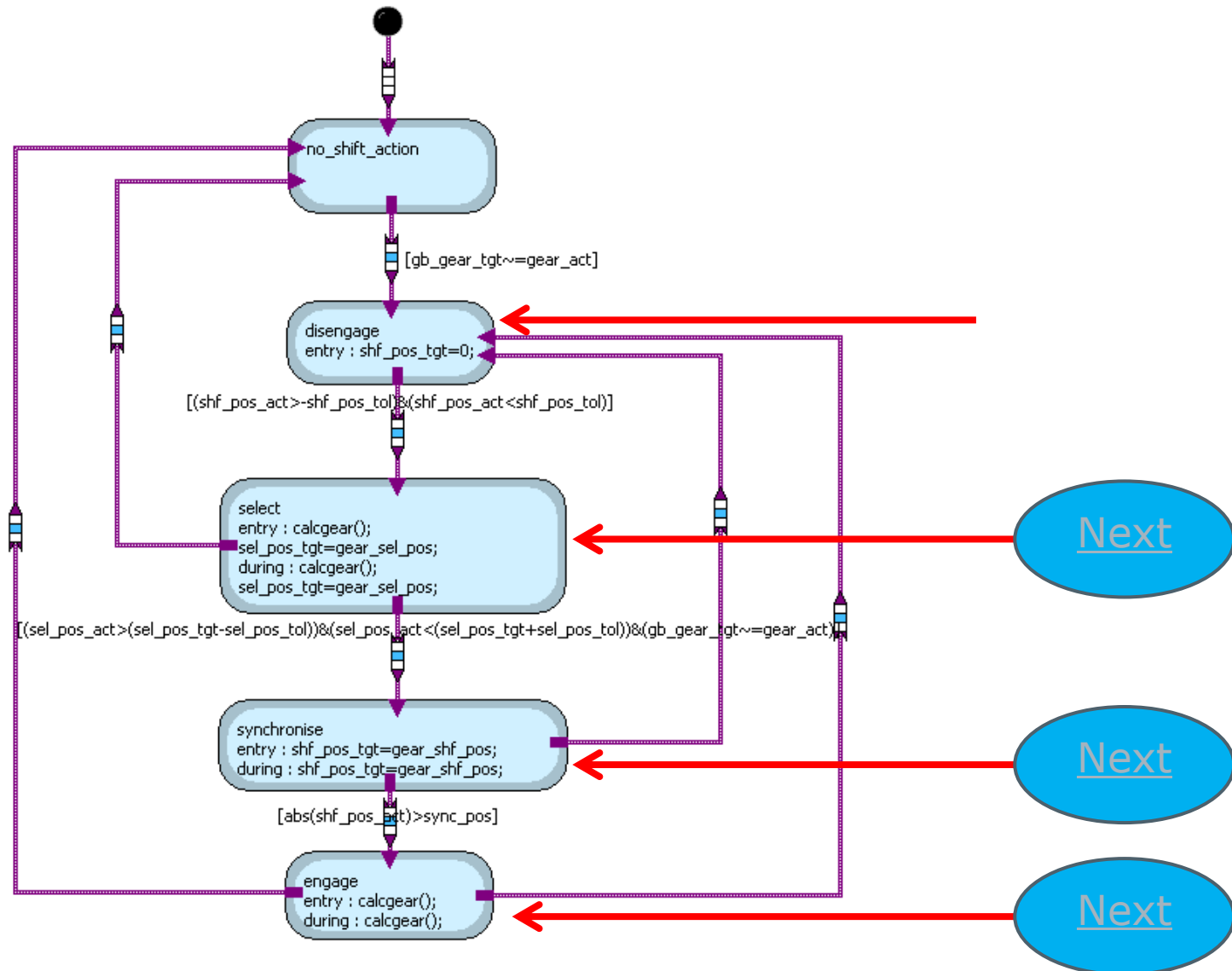






Next

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Now over to demonstration

