

Topic 2

2 speed E-axle clutch actuation

Thesis extract

- Presentation of different clutch actuation system
- Presentation of clutch actuation of an existing E-axle system.
- Additional concepts for clutch actuation should be investigated (electromechanical, lockable free wheel bearing, ...)
- For a dry normally open clutch a wear compensation is required. Different options for self adjusting wear compensation should be investigated.
- Selection and realization of an actuation system with wear compensation.