

# Calipers

Assembly having pistons and brake pads.  
Generally single piston floating calipers used because of lightweight design and easy functioning in FSAE design.

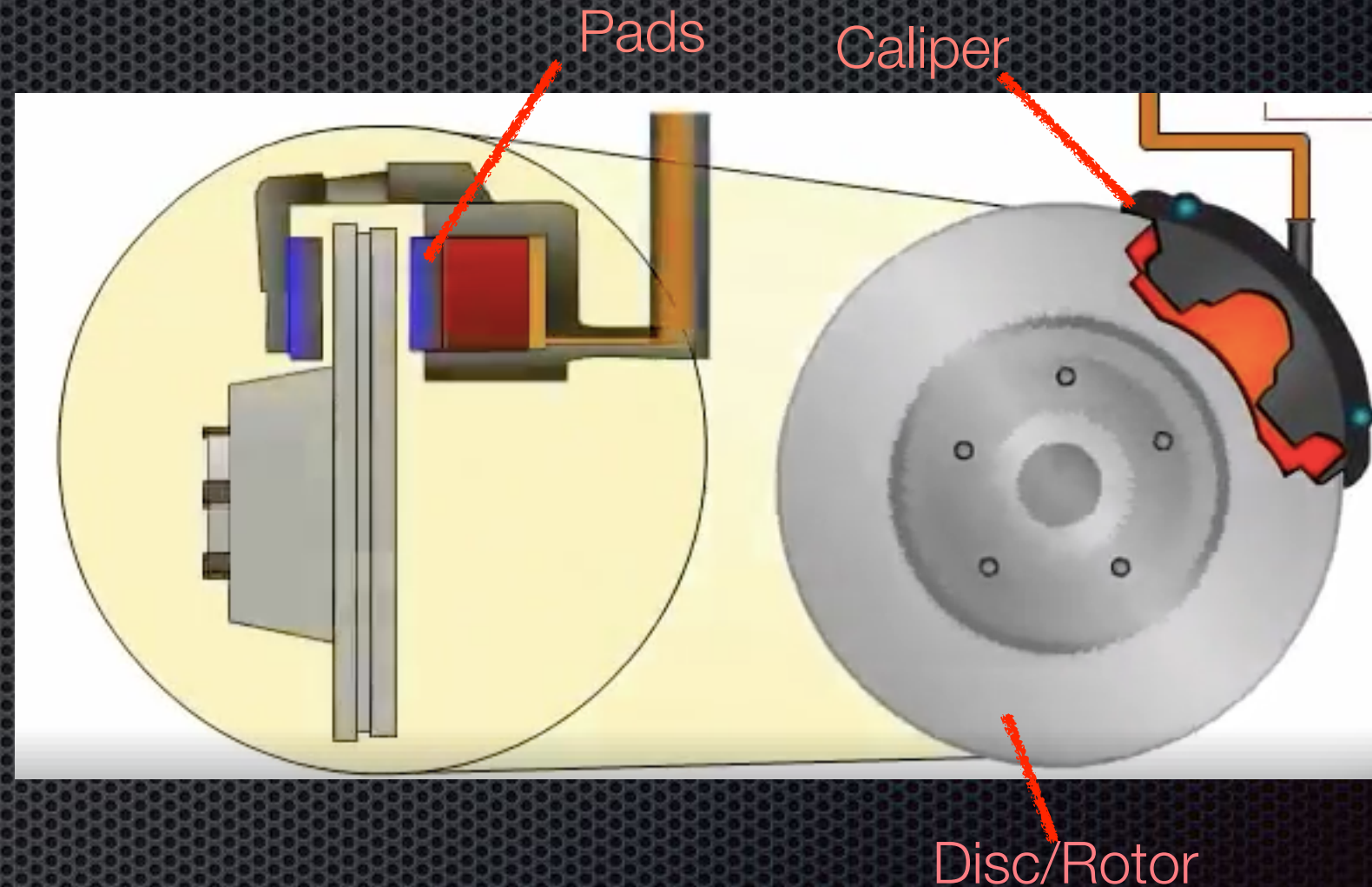
## Brake Pads

- Worn out brake pads used
- Thermal errors should be considered while installing

## Disc

Brake pads apply force on this disc to stop rotation of wheels. It is connected directly to the caliper.

Design is important for temperature management





# Hydraulics

## Fluid Line design:

- Metal rather than flexible so thermal conditions do not cause changes.
- Loops should not be present to ensure no air gaps

## Bleeding of hydraulic system:

- Bleed screw must be on extreme top of callipers
- No presence of air gap should be insured.