

In FSAE brake design diagonal split is preferred over longitudinal because:

- A single line provides control over both a rear and a front wheel.
- In case of single brake line failure the chances of slipping will be lesser in a diagonal split system.



# Brake System Components

1. Mechanical Parts:
  - Pedal Design
  - Master Cylinder and Servo
  - Caliper
  - Pads
  - Disk
2. Hydraulics
3. Cooling Mechanism
4. Brake Adjustment