

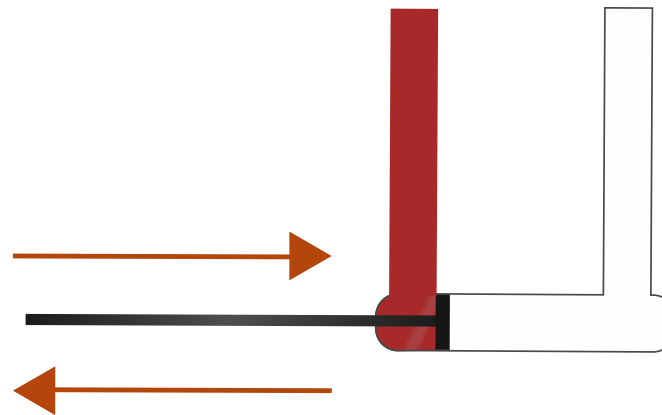
SIMPLE HYDRALUIC SYSTEM

Mechanism To Pressurize Fluid

- Electric pump
- Engine pump
- Foot pedal (e.g. brakes)

MAKE SOMETHING HAPPEN HERE

- Brakes
- Retract gear
- Flight controls
- Shock absorbtion



Some hydraulic systems, like brakes, are as simple as a single line, with hydraulic fluid applying pressure at the end of the line.

Other systems are more complex. Gear retraction systems, for instance, convert the linear motion of the shaft into rotation motion which is used to retract the gear.