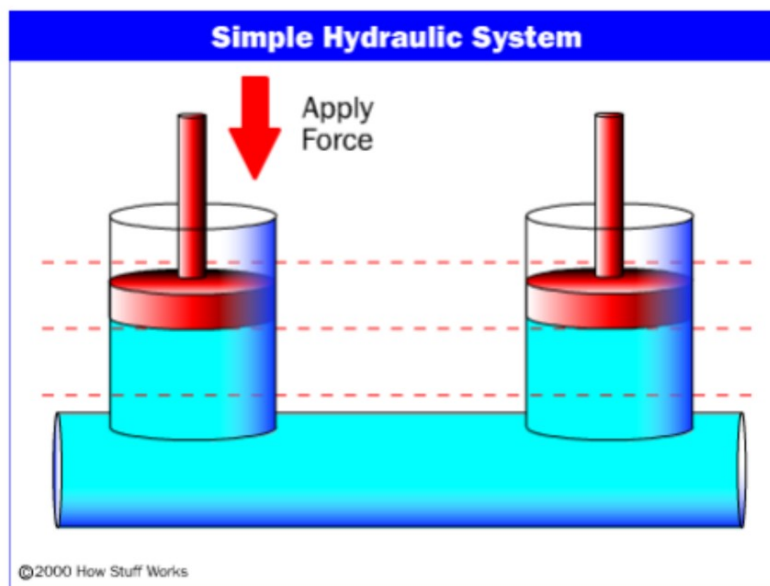


Dec 15

Pressure in fluids is important in hydraulic machinery

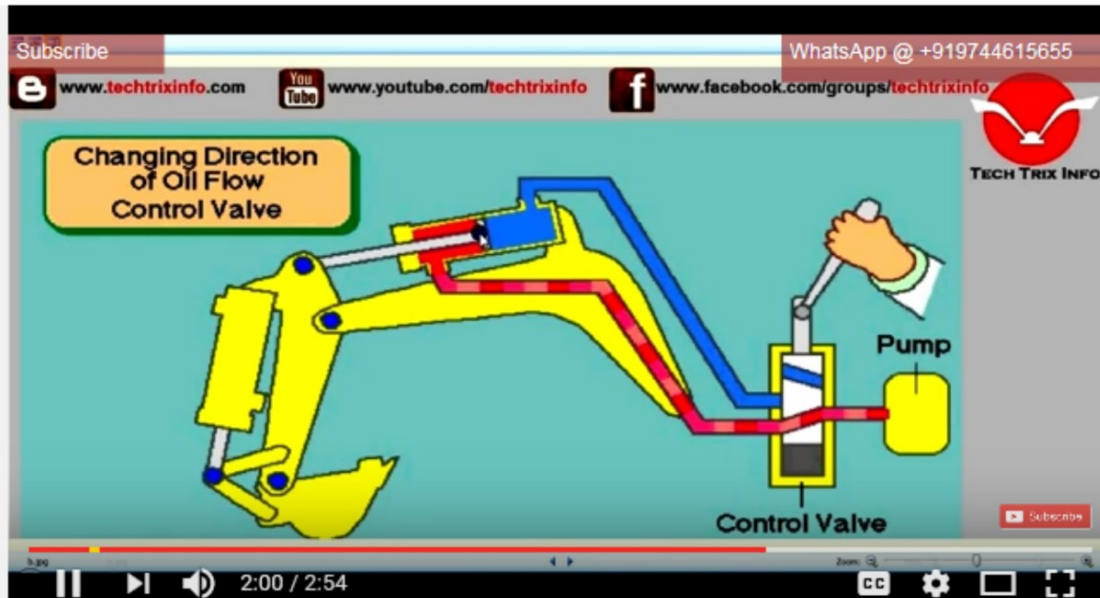
Hydraulics - is the study of pressure in liquids

Hydraulic Systems - are devices that transmit applied forces through a liquid to move something else.



[How Do Hydraulic Machines Work? | KiwiCo](#)

[Make a Hydraulic Robot Claw | Tinker Crate Project Instructions | KiwiCo](#)



In most hydraulic systems, a force is exerted on a continuous, enclosed liquid. This applied force created pressure that moves the liquid through a series of tubes, pipes or hoses, which causes motion at the other end of the system.

Liquids must be enclosed in a tube





A tool that uses Hydraulics to save lives during an emergency is the

The term "Jaws of Life" refers to several types of piston-rod hydraulic tools known as cutters, spreaders and rams, which are used to pry open vehicles involved in accidents when a victim may be trapped.



attachments for jaws of life

Rams



Cutters



Spreaders

