



Hydraulic Depressurization Chamber

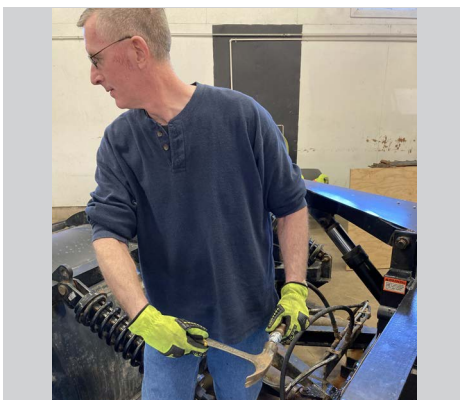
District 4

Problem:

When connecting snowplows to trucks, hydraulic lines and hoses frequently contain residual pressure. Because hydraulic fluid under pressure can cause serious injury to workers, residual pressure in these hydraulic lines must be released before connecting any plow to a truck.

Solution:

A depressurization chamber was created for use on hydraulic lines and hoses that contain residual pressure. This chamber is bolted to the front bumper of the truck near the hydraulic fittings. This allows for a safe and convenient way to relieve hydraulic pressure from the hoses. Hydraulic lines are simply pressed into the chamber to release pressure before connection.



Other methods of releasing hydraulic pressure, including use of a hammer, can endanger workers.



The depressurization chamber is a simple attachment that safely eliminates hydraulic pressure in a controlled manner.



The chamber is bolted to the bumper near hydraulic fittings for ease of use.