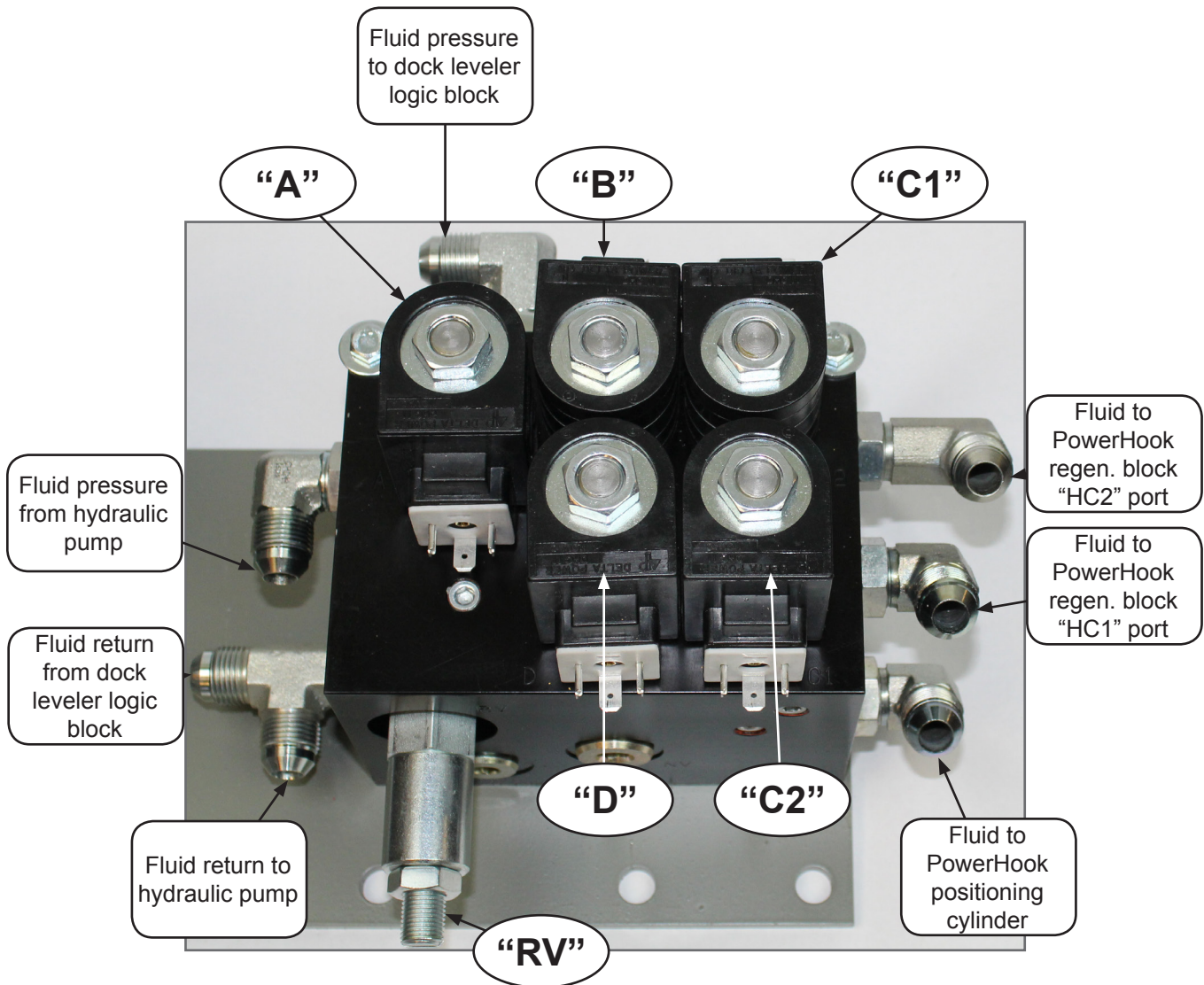


## PowerHook Valve Block Component Overview

Poweramp PowerHook (KS-series) vehicle restraints are hydraulically controlled by a series of solenoid-actuated valves located on a central valve block. This TSB breaks down the location and function of each valve and fitting for easier understanding.



Item	Description	Function
A	Valve "A" (4-way 2-position)	Switches fluid flow from PowerHook to dock leveler when energized.
B	Valve "B" (3-way 2-position)	Lowers PowerHook when energized.
C1	Valve "C1" (2-way N.C.)	Retracts PowerHook when energized with C2.
C2	Valve "C2" (3-way 2-position)	Retracts PowerHook when energized with C1.
D	Valve "D" (3-way 2-position)	Holds PowerHook in lowered position when energized.
RV*	Pressure Relief Valve*	Controls system pressure by returning excess pressure to reservoir.

\*Not used on CentraPower installations.