

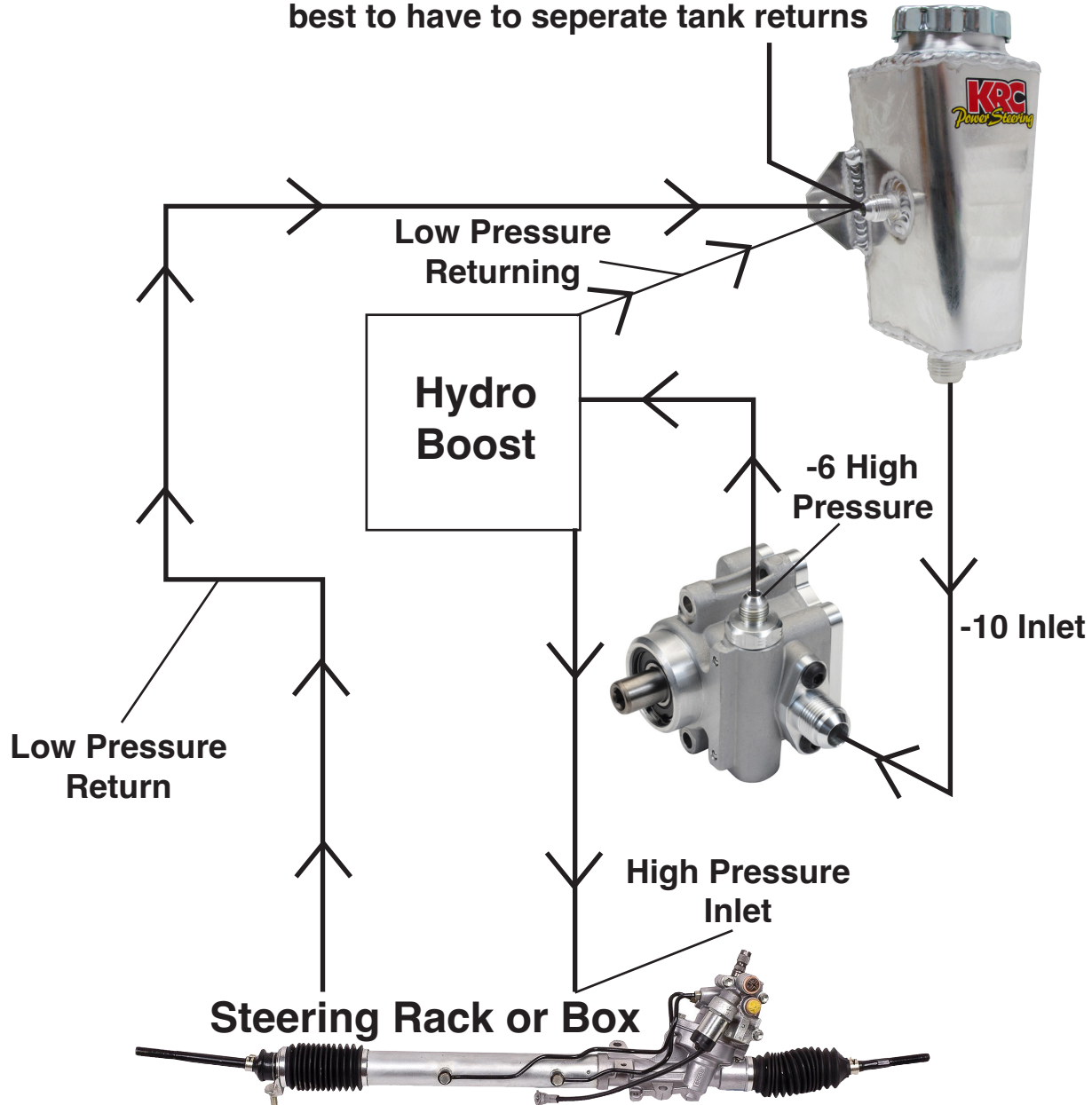


K. Roper Corporation
www.krcpower.com

**Manufacturers and Designers of
Performance Power Steering
Systems and Components**

Hydro Boost Plumbing

“Y” Fitting for low pressure returns. It is best to have to separate tank returns



Notes

- We recommend all hoses to be high pressure Aeroquip power steering hoses. -10 inlet must accept 28 inches of vacuum or higher.
- Absolutely **NO** ATF fluid. Use Power Steering Fluid **ONLY**.

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Bleed Procedure

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- Remove vehicle tires from ground.
- Fill reservoir to appropriate fill level. *Fluid level must always maintain at least an inch or higher than return in tank to avoid cavitation. *Reservoir must always gravity feed the pump.*
- With the cap off, start the engine.
- Proceed to cycle the wheel lock to lock 15-20 times until all air bubbles are no longer present. Make sure to bleed the lines at the hydro boost. (Bleed hydro boost per manufacturer's instructions.)
 - Verify
 - Smooth steering assist
 - Noiseless operation
 - Proper fluid level
 - No system leaks
 - No air bubbles
 - Adequate pedal assist

Causes Of

Foam or bubbles in fluid

- Incorrect fluid. (No ATF)
- Pump not gravity fed.
- Feed hose incorrect material and collapsing.
- Pump speed too fast, install bigger power steering pulley.
- Not enough fluid in reservoir

Noisy operation

- Caused by air/cavitation in the system.
 - Incorrect fluid. (No ATF)
 - System not bled properly.
 - Feed hose incorrect material and collapsing.
 - Pump speed too fast.
 - Not enough fluid in reservoir.