

# CARDONE ProTech

Supporting Today's Vehicle Technician



## A Filter In Line Saves Time

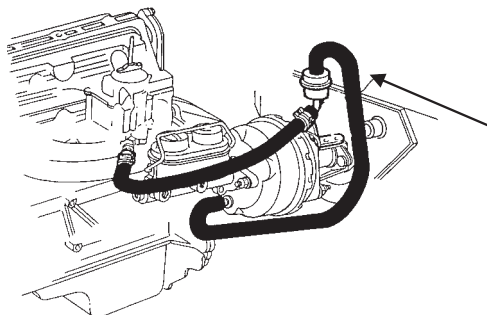
**Application** All gasoline vehicles with vacuum power brake boosters.

**Problem** Premature Booster failure; improper operation.

**Cause** Gasoline, gas fumes, or moisture have entered the booster damaging internal rubber components.

**Solution** Remove vacuum line from booster and check vacuum hose for gas odor. If present, the source of gas **MUST** be eliminated before replacing booster.

- Check the operation of in-line check valves, vacuum vent valves or delay valves. Replace as necessary.
- Check vacuum hose routing. Do not eliminate any loops in the line because they function as moisture and vapor traps.
- Replace the in-line charcoal filter and position exactly as the original. If not filter equipped, installation of an aftermarket filter is recommended.
- Check PCV system. Replace valve or repair system as necessary.
- Check for leaking injectors or carburetor. Improper operation could cause an excessive rich condition.



EXAMPLE OF IN-LINE FILTER AND HOSE LOOP

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