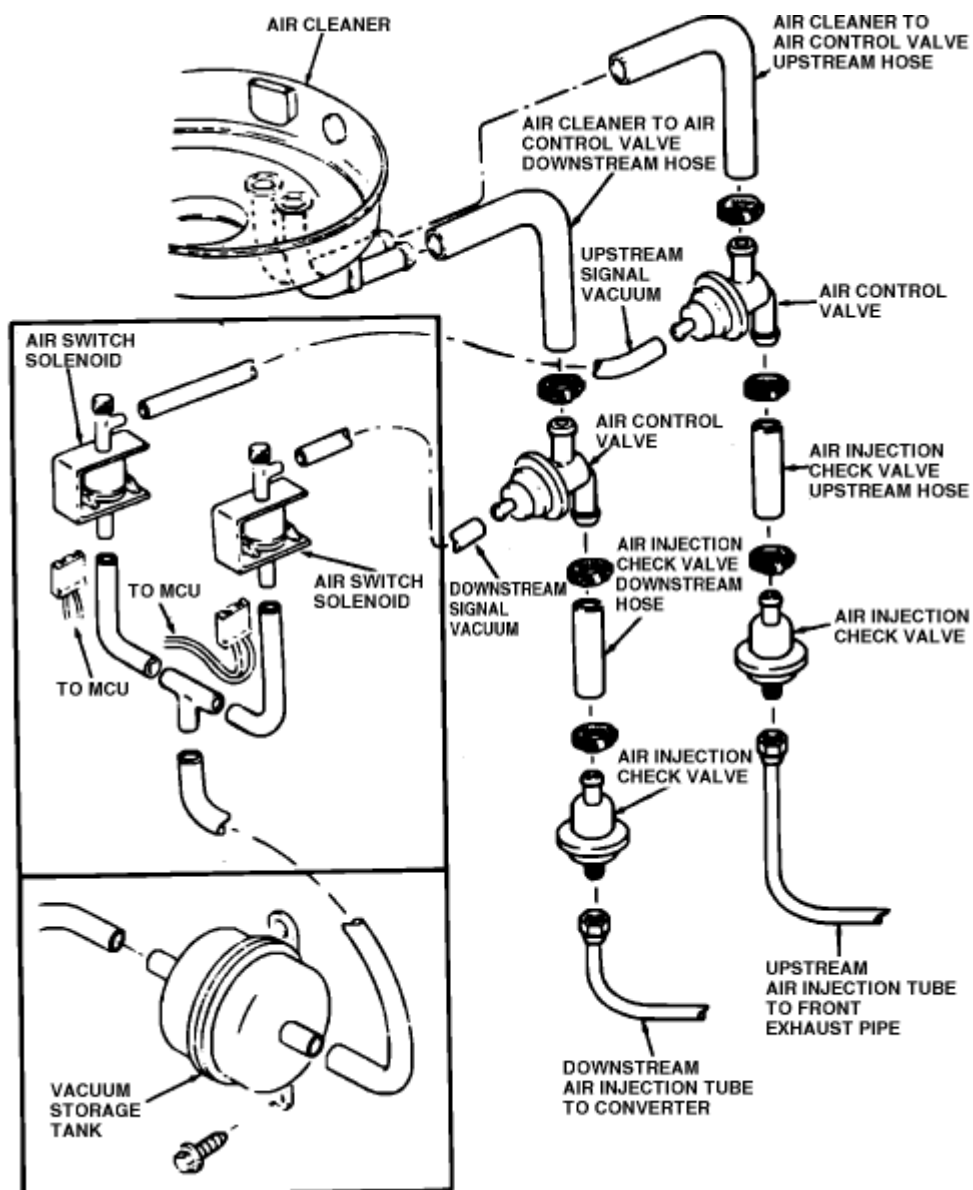


I have a 1990 Jeep Wrangler, 4.2 L, 258 CID, 6 CYL, 2 BBL carburetor...

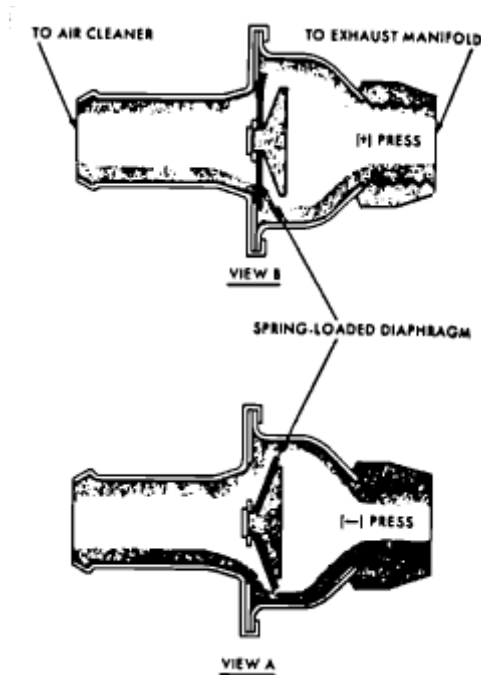
I been getting condensation / water in the air cleaner only after about 10/15 minutes of driving...
When I come to a stop or low rpm's the jeep stalls out, but not all the time,
I really think it has something to do with the water/condensation in the air cleaner...
How am I getting moisture in the air cleaner???

The exhaust system will produce water naturally. If there is a bad check valve in the pulse air injection system, it will allow exhaust gases into the [air filter](#) housing, causing the water.



AIR CONTROL VALVE

Remove the air control valve. Blow through the air inlet port. Air should not flow through the valve. Using an external vacuum source apply 15 inches of vacuum to the control valve. Blow through the air inlet port. Air should flow freely through the valve. If either test fails, the valve must be replaced.



AIR INJECTION CHECK VALVE

The check valve is not repairable, and, if necessary, should be replaced with a new valve. Check valve failure results in excessive exhaust system noise under the hood at idle and hardening of the rubber hose from the check valve to the air control valve. To determine if the check valve is inoperative, disconnect hose from check valve inlet. With the engine idling and the transmission in neutral, the vacuum exhaust pulses can be felt at the check valve inlet. If hot exhaust gas is escaping from the inlet, the check valve is inoperative and must be replaced.