

Replace Brake Booster Vacuum Switch (06 XC90 Part #31265826)

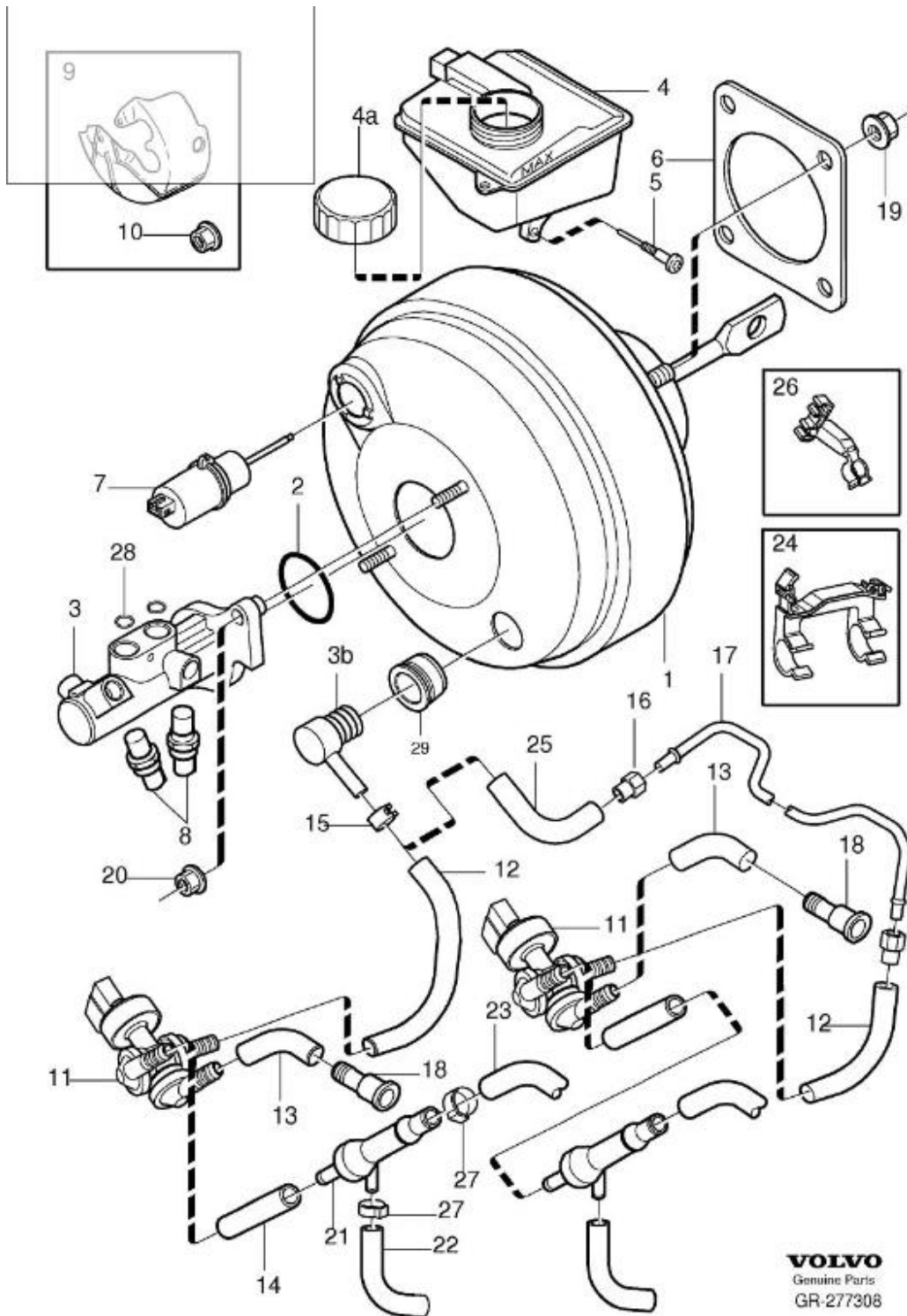
- Special thank you to member "VCA" for Providing suggestions & part numbers.

Ok, it all started on whining noise while my car was running. Found out the noise was from the vacuum pump.



After posted questions, member VCA suggested to replace the booster vacuum switch as seen on the picture.

The vacuum pump was running constantly while my car was running, and it was really really hot. It should stop running once the brake booster vacuum condition is met. So either there was leaking somewhere or defective vacuum switch (turn on or off the vacuum pump). I unplugged the tube that goes to the brake booster, put my hand on the port where the tube goes on the vacuum switch, there was strong suction, thanks god, vacuum pump works (more money to replace). After removed the tube goes to brake booster, the vacuum pump did not stop running, guess the vacuum switch needs to be replaced.

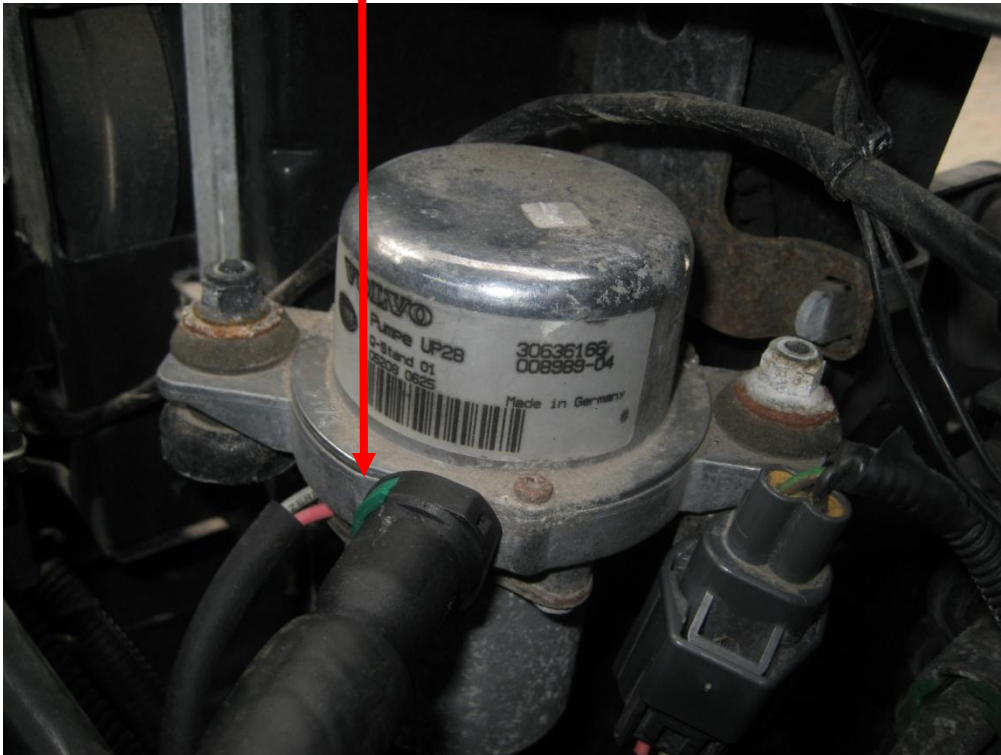


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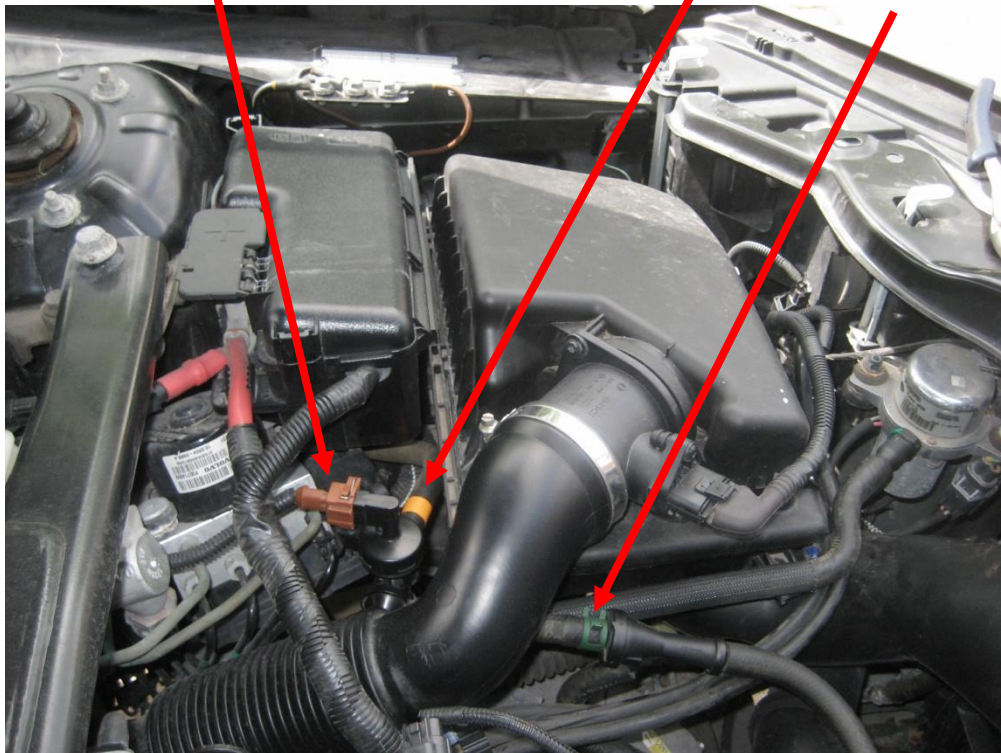
1	30793680	Power cylinder CH -481249 DSTC
2	9475235	Sealing
3	36002376	Brake cylinder, exch DSTC CH 481250-
3	36000737	Brake cylinder, exch DSTC CH -481249
4	8683272	Fluid reservoir
5	9475237	Screw
6	9173961	Sealing
7	31261486	Sensor
8	30793669	Pressure sensor (9173055)
10	985868	Flange lock nut M8
11	31265826	Module 2006
11	30645383	Module -2005
12	31257540	Hose by the meter LG 105 mm LG 485 mm
12	3524376	Hose LG 485 mm LG 105 mm
13	30645385	Hose CH-167356
13	30681670	Hose CH 167357- (30683013)
14	31257540	Hose by the meter LG 105 mm LG 485 mm
14	3524376	Hose LG 485 mm LG 105 mm
15	978390	Hose clamp
16	978172	Hose clamp
18	30681669	Snap-on coupling (30616998)
19	985868	Flange lock nut M8
20	985868	Flange lock nut M8
21	30665561	Ejector -2004
21	30744402	Ejector 2005-
22	30683460	Hose 2005-
22	30645388	Hose -2004
23	30683459	Hose 2005-
23	30645387	Hose



1. Disconnect Connector to the vacuum pump (Green Connector), press down the green part hard and pull it off the vacuum pump.



2. Remove electric connector, the hoses to brake booster & engine manifold:



3. Replace the old one with the new one; put everything back in reverse order. In total less than 15 minutes. After replace the switch, turned on my car, vacuum pump started then shut off in about 5 seconds, problem solved...went for a test drive, braking was fine, whining noise was gone...thanks all for helping out.

