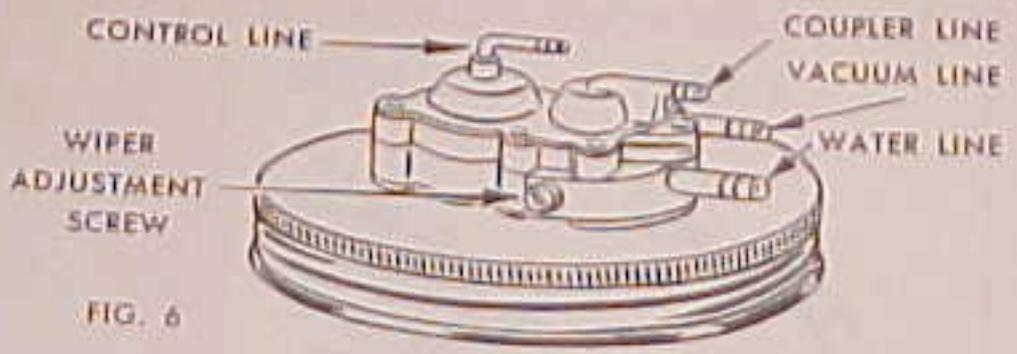
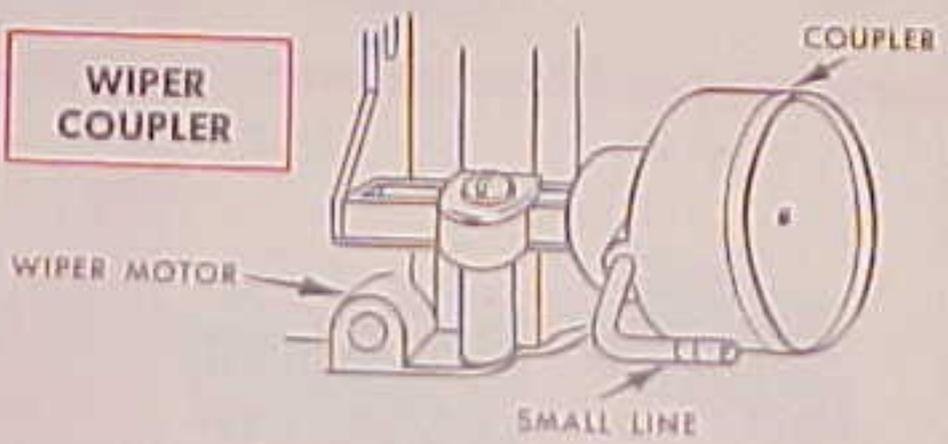


NEW TRICO C-O WASHER WITH MOTOR COUPLER

To check pump action, use same steps as above for Nu-matic Hydrostatic pump (fig. 4).



**WIPER
COUPLER**



<http://www.cadillacclub.com/forum/index.php/topic,108350.0.html>

Windshield Washer Pump Repair

Bill,

The washer unit is straight forward, the pump unit itself is inside the black canister top and bottom and there are just three parts, a large spring, a plastic cup with two rubber seals lower (water) and top (vacuum) and a plastic plunger with a small spring that seats inside the cup.

Once vacuum is apply to the top section of the canister the plastic cup moves up compressing the large spring. Once at the top the small spring on the plunger closes a rubber disc seal valve for the vacuum. There is a small amount of supply vacuum to keep the cup at this same position, the rubber seal has four tiny holes to maintain the flow.

This action fills the lower canister with the water from the bottom tube. Above this tube there is a two way valve at the bottom that closes the inlet while spraying it opens the outlet and opens the inlet to pull water from the bottle and closes the outlet.

Once you press the washer button inside the cab, the vacuum stops and the large forces the cup downwards, forcing the water out on the top tube.

Once you release the washer button the above action repeats again.

I rebuild two units and working on my third one. I've found the washer unit itself (on the lid) was fine, the two main problems were the cup seals water and vacuum and the rubber disc were bad. The rubber harden and not sealing properly vacuum side and for the water side.

Check the plastic cup has a good seal on top and bottom on yours first. If you get the rebuilt kit and you take the washer unit apart make sure you have a "clincher" to set the blind rivets.

Re: How much vacuum at wiper motor
« Reply #1 on: Yesterday at 19:45:34 »
Reply with quote
Quote from: Bob Kielar on Yesterday at 19:28:25

I have a 55 Cadillac can someone tell me how much vacuum should I have at my vacuum motor to run the wipers ? Thanks

Bob,

At idle you should have around 14"-17" of vacuum, this should be sufficient to run the wiper motor, unless it is weak, damage or there is a linkage problem.

Report to moderator [Logged](#)

Jose Gomez CLC #23082