**DID YOU KNOW?**

**DYK TECH TIP # 101**

**Part No. 75865**
VIO = 1,775,395

**O.E Part No.**
15-81089 / 15-81577

**Applications**
- Buick Enclave (12-08)
- Chevrolet Cheyenne 2500 (09-07)
- Chevrolet Silverado 1500 (09-07)
- Chevrolet Silverado 1500 HD (07)
- Chevrolet Silverado 2500 (09-07)
- Chevrolet Silverado 2500 HD (09-07)
- Chevrolet Silverado 3500 (09-07)
- Chevrolet Silverado 3500 HD (09-07)
- Chevrolet Traverse (12-09)
- GMC Acadia (12-07)
- GMC Sierra (09-07)
- GMC Sierra 1500 (09-07)
- GMC Sierra 1500 HD (07)
- GMC Sierra 2500 HD (09-07)
- GMC Sierra 3500 (07)
- GMC Sierra 3500 HD (09-07)
- Saturn Outlook (10-07)

---

**Some call it the “Buick Niagara”...**

Although we can not fix the water problems these vehicles are experiencing, we can help to prevent premature blower motor failure and reduce the musty smell!

The O.E Blower Motor flange has a design flaw where water can accumulate allowing bacteria and mold to grow (Fig. 2). There is also a hole in the blower motor case that allows water to drain down the vent tube and into the motor (Fig. 1 & 3). The design of the motor cover allows for the accumulation of water causing the motor to rust, which can result in premature failure (Fig. 4 & 5).

![Fig. 2 Blower Motor Flange](image)

![Fig. 1 & 3 Blower Motor Case](image)

![Fig. 4 Blower Motor Cover](image)

![Fig. 5 Blower Motor](image)

We do suggest drilling a small hole in the Blower Motor cover (Fig. 4) to allow any condensation to drain out.

Four Seasons developed a protruding vent tube design that helps stop the water from flowing into the motor.

![Four Seasons Blower Motor](image)