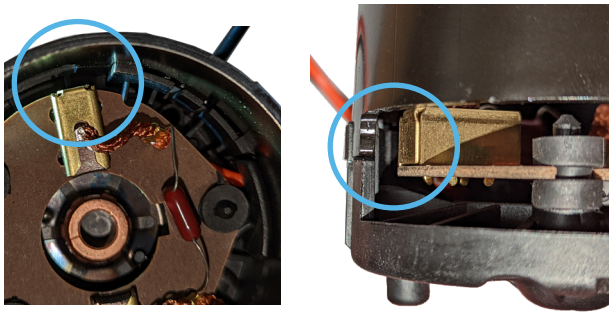
BLOWER MOTORS
MANUFACTURING ADVANTAGE

Improvements Over O.E.
Dependable Quality

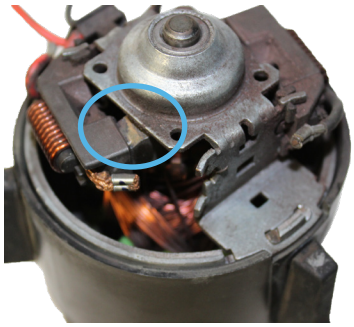
NAPA® Blower Motor P/N 655-2625

In 2022, Ford issued a recall on 2017-2015 Expedition and Lincoln Navigator vehicles due to a faulty O.E. blower motor brush design. An incorrectly positioned brush holder spring could cause a short or heating of the brush, potentially causing a fire. Analysis of returned parts showed evidence of overheating and a positive brush spring that was broken or even missing.

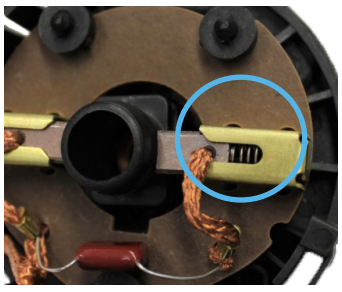
THE MANUFACTURING DIFFERENCE



The NAPA® motor utilizes traditional tubes and brush springs. The NAPA® motor has enough clearance between the positive brush and the case which is rigidly mounted, eliminating the point of failure from the O.E. unit.

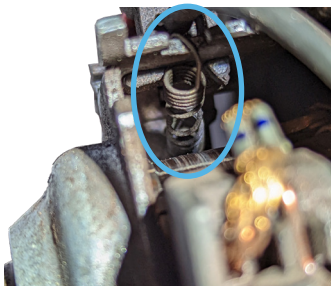


The O.E. design only includes 1 to 1.5mm of clearance between the positive brush and the grounded end case. If the positive brush hits the case, it would create a dead short to the case.



NAPA® UNIT

The O.E. unit shows spring deterioration. The image on the right was taken from a vehicle with around 62,000 miles on the odometer. This deterioration leads to an unstable brush position and increases the chance the brush will contact the case.



O.E. UNIT

NAPA®, Your Source for Manufacturing Solutions