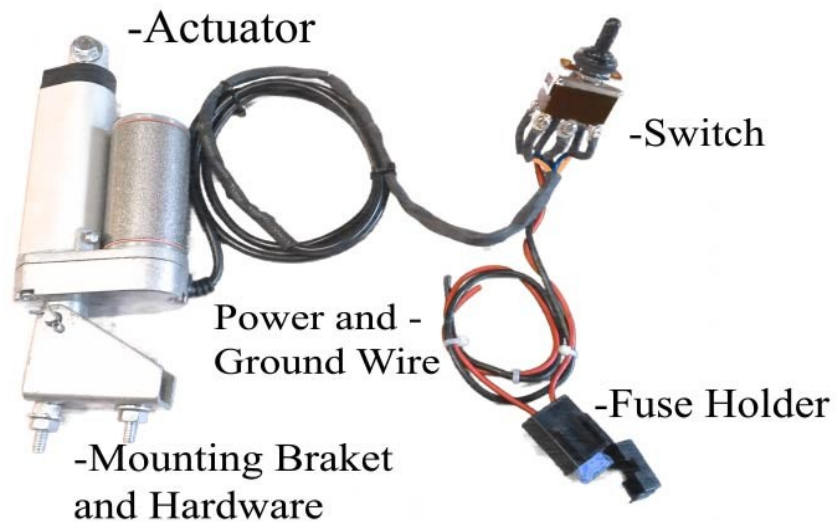


Millstone Automotive

1956 Ford Truck Power Cowl Air Vent (PCAV) Installation Manuel v1.0

1. PCAV and its components.
2. Tools required.
3. Removing stock handle and linkage.
4. Installing PCAV actuator.
5. Installing PCAV switch.
6. Connecting PCAV to battery.
7. Operating the PCAV up and down.

1. PCAV and its components



- Switch; Operates the actuator up and down.
- Actuator; Moves the cowl air vent up and down.
- Fuse Holder; Holds 10amp in-line fuse. (included)
- Mounting Bracket; Mounts actuator to firewall.
- Power and Ground Wires; Attach to battery.

2. Tools Required

2- 1/2" Box-end Wrench or equivalent

1- 7/16" Box-end Wrenches or equivalent

Eye Protection

3. Removing Stock Cowl Handle and Linkage



#1- Remove 2, 1/4" bolts located on wiper bracket. This will remove the handle.

#2- Remove 1, wing nut and bolt on Cowl Vent Tab. This will remove linkage from cowl vent tab and free linkage and handle for removal.

4. Installing The PCAV Actuator



#1. Install 5/16" bolt with 1 washer into cowl vent tab, With the threaded end pointing to the drivers-side.

#2. put a second washer onto the bolt, on other side of the vent tab.

Note: Cowl vent tab should be captured by the 2 washers. (one on each side of vent tab)

#3. Install actuator onto 5/16" bolt.



#4. Install lock washer and nut on to 5/16" actuator bolt.



Note: Do not over tighten the actuator bolt, only tighten enough to compress the lock washer.



#5. Make sure cowl vent is completely closed. Push actuator foot and bracket up (vertical) to stock mounting location.

#6 Install the 2 new 1/4" bolts.



5. Installing The Switch



- #1. Remove cover, nuts, indicator plate and washer.
- #2. Install switch into dash from rear.



- #3. Install larger washer.
- #4. Install indicator plate.
- #5. Install nut.
- #6. Install black water proof cover.

6. Routing Power and Ground Wires



#1. Below the actuator foot to the left (drivers-side) is a stock hole located in the firewall, push wires into this hole.

#2. Rout wires to where your battery is located.



7.Connecting Battery

#1. Connect Red wire to Positive (+) side of battery.

#2. Connect Black wire to Negative (-) side of battery.

8. Operating the PCAV up and down



#1. To operate the cowl vent completely up; push switch up (vertically) until PCAV stops.

#2. To operate the cowl vent completely down; push the switch down. (vertically) until PCAV stops.

#3. To operate the cowl vent any where between all the way up and all the way down position. Bump the switch in the desired direction.

A installation video and other information is available at
www.millstoneautomotive.com