



SECTION 24P EXHAUST VENTS DESCRIPTION

The GMC Motor Home is equipped with a number of exhaust vents, these include:

- The range/oven power hood vent to remove cooking odors and gases. The switch is on the fan.
- The power bath vent for ventilation. The control switch is on the vent.
- One or two ceiling vents (depending whether the vehicle is equipped with roof mounted air conditioning) to allow warm air to escape that may accumulate at ceiling level when the vehicle is parked in the sun. The opening of a ceiling vent and a window will aid in removing condensation from the windows.

The vents are crank-operated from inside the Motor Home. In rainy weather it is possible to leave the ceiling vents open slightly for ventilation without entry of water into the Motor Home (depending upon the magnitude and direction of rain).

NOTE: All windows and roof vents must be tightly closed when operating the air conditioner or furnace to obtain maximum cooling or heating.

Power fans are available for the ceiling vents. These will increase the efficiency of the vent. They are operated by the button switch at the corner of the vent.

VENT MOTOR DIAGNOSIS

The range/oven exhaust vent fan, the bath exhaust vent fan, and the ceiling vents with power fans are all operated by 12-volts living area electricity. Should any of these fans refuse to work make sure the living area battery is not dead. Next check the fuses in the living area electrical compartment, then

check to see that the motor is receiving power through the switch at the motor. If power is available at the motor but it still refuses to work remove the motor and test it on a direct 12-volt source. Replace motor if necessary.

RANGE / OVEN EXHAUST VENT

MOTOR REPLACEMENT (FIGURE 1)

REMOVAL

1. Remove retaining nuts at light and fan switch on bottom of exhaust hood.
2. Remove exhaust hood bottom assembly.
3. Remove two nuts holding motor mount to vent housing.
4. Disconnect motor wire.

5. Remove motor mount and fan from motor.

INSTALLATION

1. Install fan and mount to motor.
2. Connect motor wire to switch wire.
3. Install motor and mount assembly to vent housing and secure with two nuts.
4. Position exhaust hood bottom assembly to bottom of exhaust hood and secure with retaining nuts at switches.

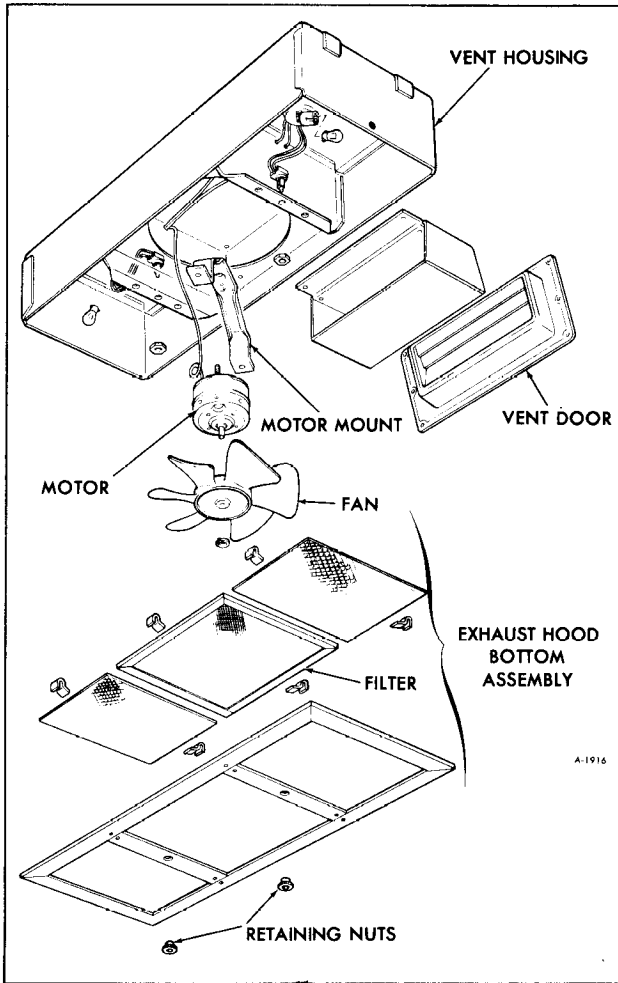


Figure 1-Range Power Vent

RANGE/OVEN VENT FILTER (SEE FIGURE 1)

It is important that the power range hood filter be inspected frequently and cleaned as needed. To clean filter, remove retaining nuts at power hood switches, remove filter and wash in hot, soapy water. Rinse thoroughly and reinstall.

CEILING VENTS

MOTOR REPLACEMENT (POWER VENTS) (FIGURE 2)

REMOVAL

1. Remove vent crank handle (one screw).
2. Remove vent screen (two screws).
3. Remove cover on switch box and disconnect motor wires.
4. Loosen cinching strap sufficiently to remove motor and fan assembly.
5. Remove fan from motor.

INSTALLATION

1. Install fan on motor.

2. Position motor and fan assembly in vent housing and secure in place with cinch strap.

3. Connect motor wires in switch box and install cover.

4. Install vent screen, secure with two screws.

5. Install vent crank handle.

CRANK ASSEMBLY REPLACEMENT

REMOVAL (SEE FIGURE 2)

1. Partially open vent.

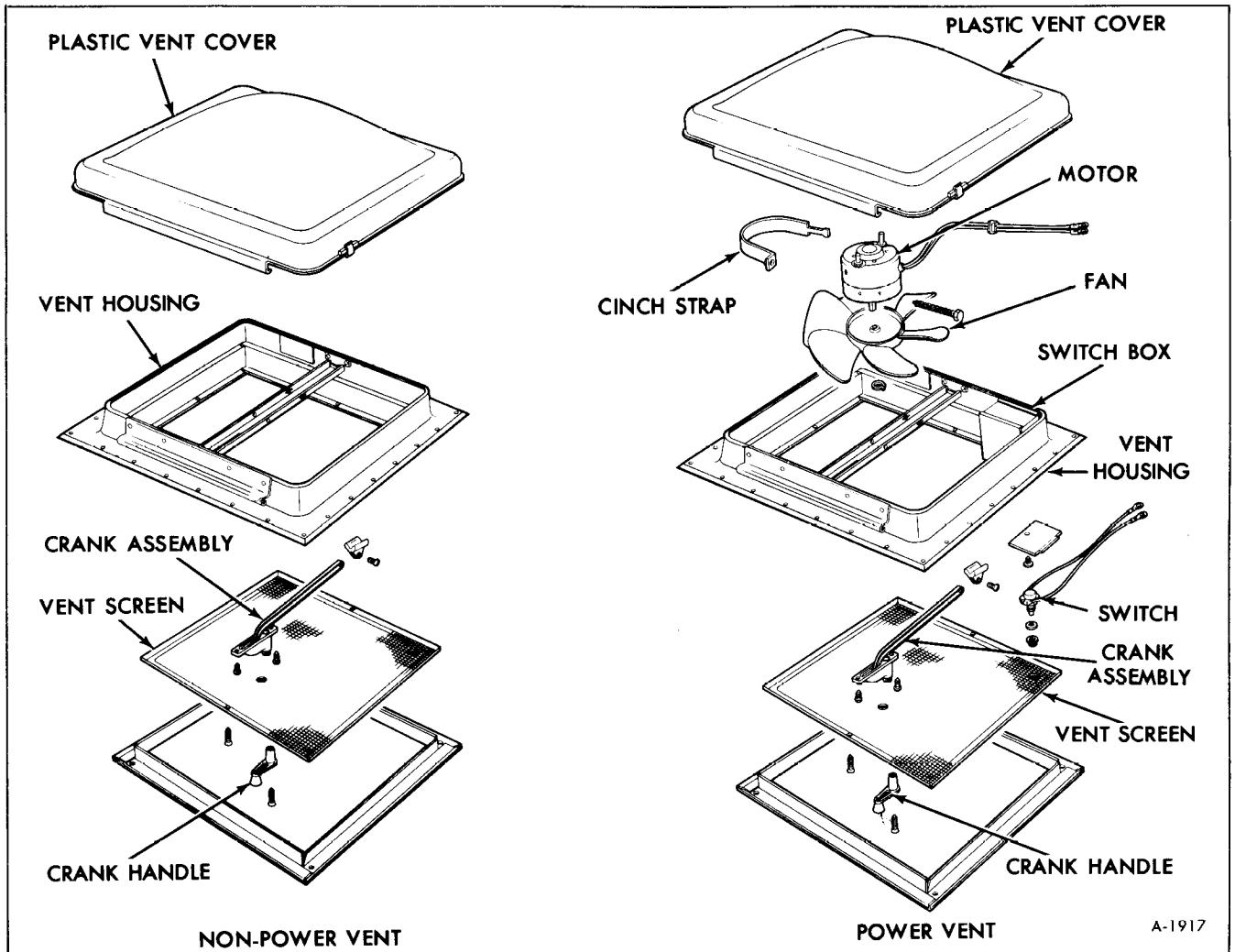


Figure 2-Ceiling Vents

2. Remove vent crank handle (one screw).
3. Remove vent screen (two screws).
4. Remove screw connecting crank lift arm to plastic slide.
5. Remove crank assembly from vent support bar (two screws).

INSTALLATION

1. Position crank assembly through vent support bar, secure with two screws.
2. Connect crank lift arm to plastic slide with screw.
3. Install vent screen and secure with two screws.
4. Install crank handle.

BATH VENT

MOTOR REPLACEMENT (FIGURE 3)

REMOVAL

1. Remove vent ring in bath module (three screws).

2. On the roof of the vehicle remove the two screws holding plastic cover on vent.

3. Remove the entire vent assembly from roof by removing the six attaching screws pulling the unit out and disconnecting wires at quick disconnect.

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4. With the unit on the bench remove vent closing handle (two screws).
5. Remove filter (two screws & switch nut).
6. Remove two screws at each motor mount.
7. Remove the two nuts at motor mounting.
8. Carefully remove the motor mount brackets.
9. Remove spring clip assemblies.
10. Disconnect wires and remove motor. Pull fan from motor.

INSTALLATION

1. Position motor with fan in housing and connect wires.
2. Position spring clip assemblies to motor studs.
3. Position motor mount brackets on motor studs and secure to vent housing with four screws.
4. Position switch on motor studs and secure motor to mounting bracket with two nuts and washers.
5. Install filter (two screws & switch nut).
6. Install closing handle (two screws).
7. Install vent assembly to roof being sure to use a sealing compound to prevent leaks.
8. Install plastic vent cover.

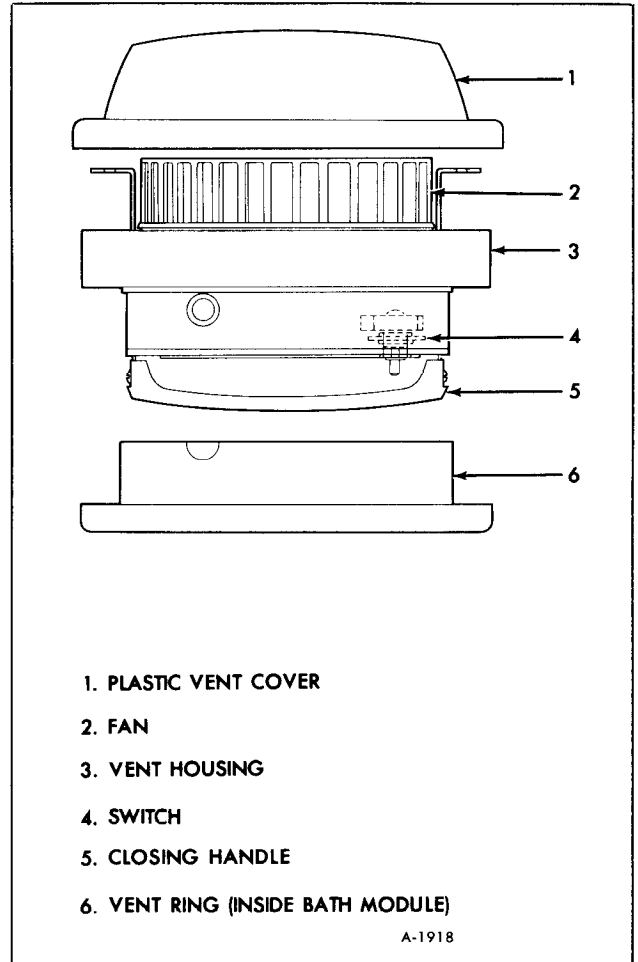


Figure 3-Bath Vent

9. Install vent ring inside of bath module.