

1974-79 EXHAUST EMISSION SYSTEMS

Peugeot Thermostatic Air Cleaners

3-359

All Models

DESCRIPTION

The thermostatic air cleaner/heated air intake system is used to control the temperature of the air entering the carburetors. The system is controlled by a wax-pellet thermostat which senses temperature of incoming air and reacts to open or close damper door inside air cleaner snorkel to provide either heated air, cooled air, or a mixture of both to maintain a constant temperature inside air cleaner.

Below 65°F (18°C), the wax-pellet thermostat closes damper door to cold air entry and allows only heated air to enter carburetors. See Fig. 1. As temperature increases to above 65°F (18°C), the damper door opens to cold air. At 80°F (27°C), the damper door should be fully open to cold air. The damper door also opens to full cold air intake during periods of low vacuum (full throttle).

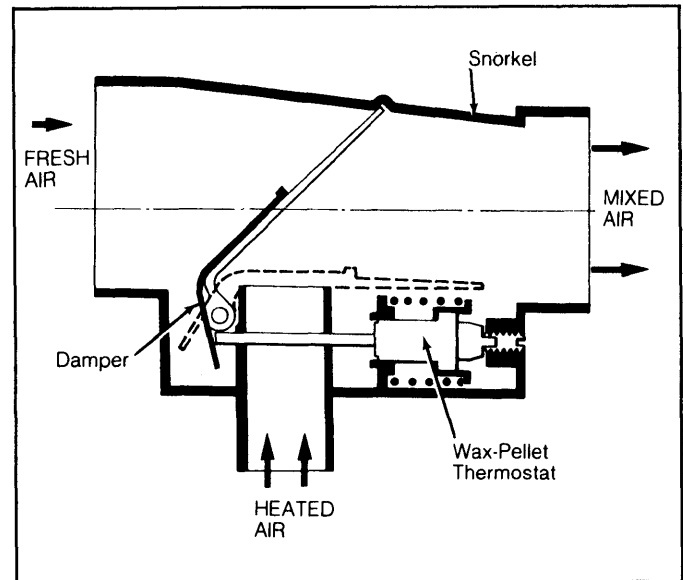


Fig. 1: Thermostatic Air Cleaner