



SERVICE BULLETIN

Classification: BF93-023	Reference: NTB93-075	Date: May 25, 1993
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DIAGNOSING WATER LEAKS

APPLIED VEHICLE(S): All Nissan Models

SERVICE INFORMATION

Water Leaks

Water leaks refer to the seepage of water into the passenger compartment from outside. Basic procedures for detecting water leaks are explained below.

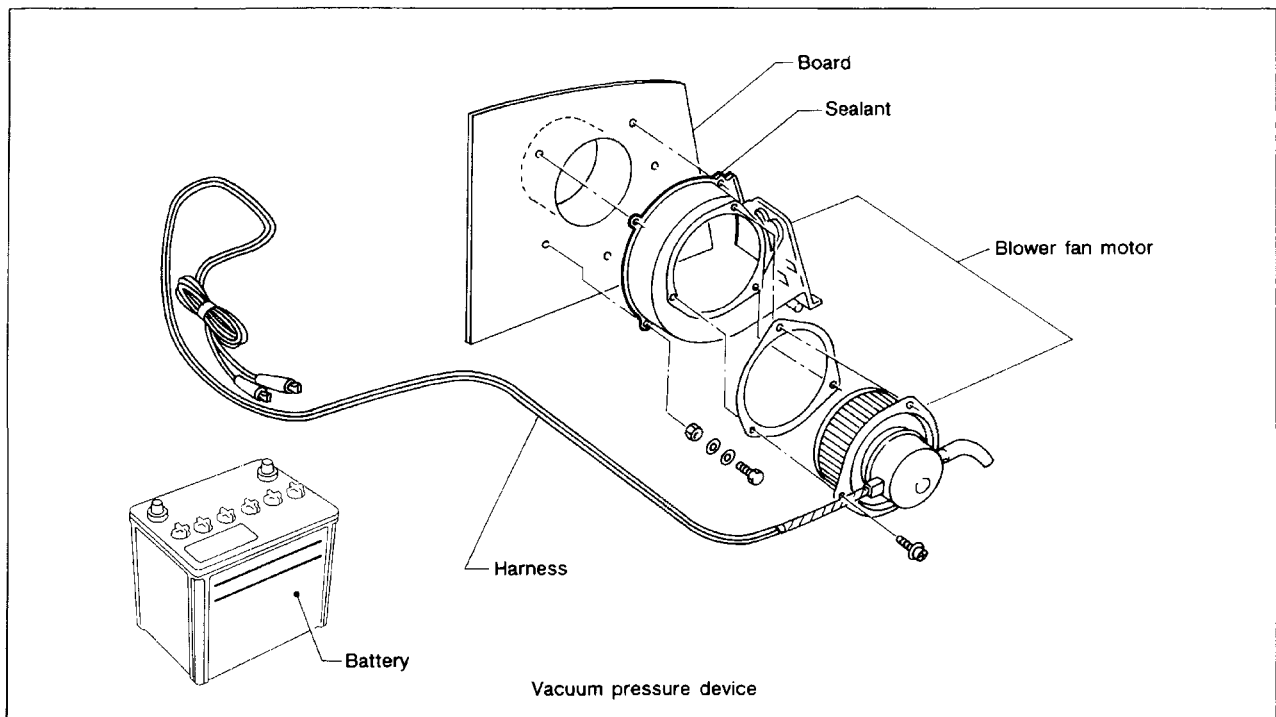
SERVICE PROCEDURE

Detection

Accurate detection of leakage requires the application of a vacuum pressure of -1.10 mmHg, -147 Pa, within the passenger compartment.

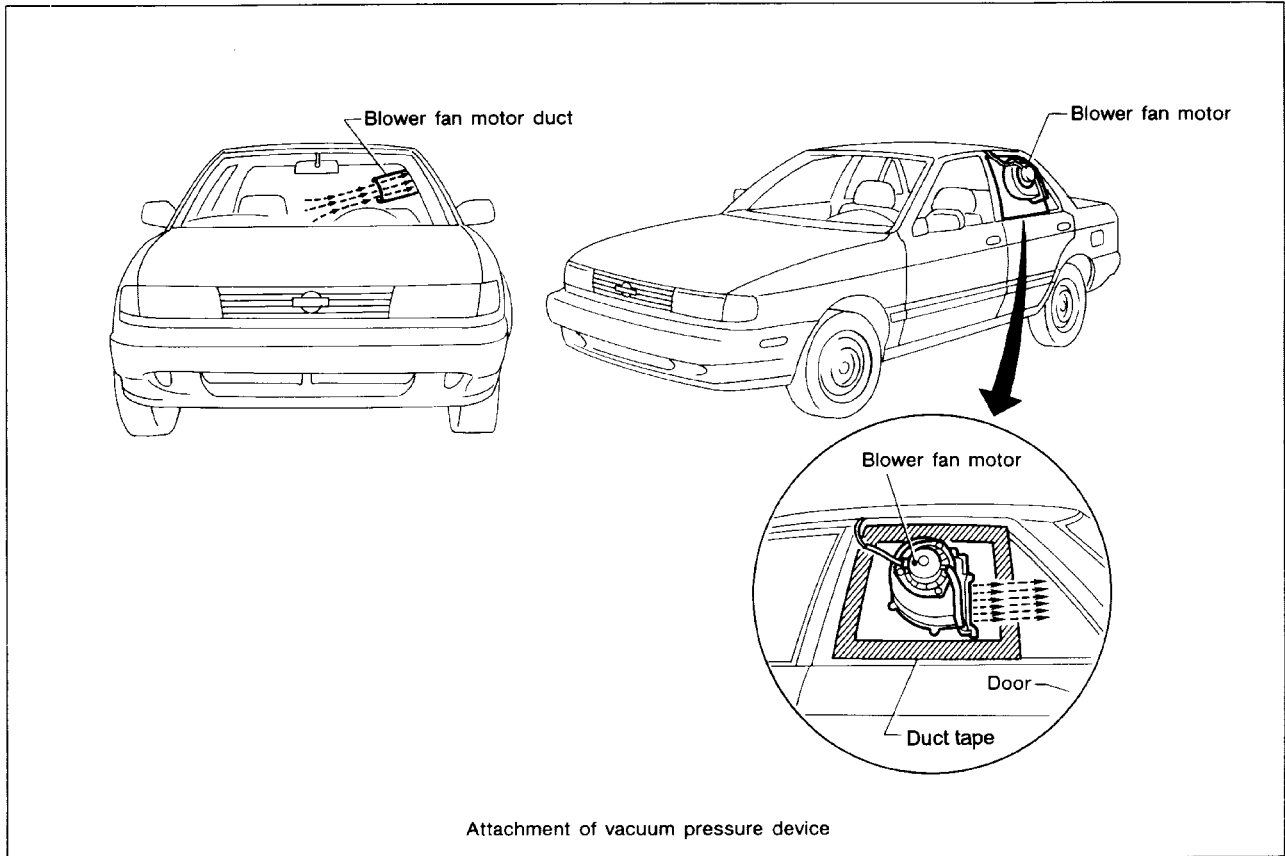
Equipment required

- Test vehicle
- Vacuum pressure device (set up the device as shown below.)

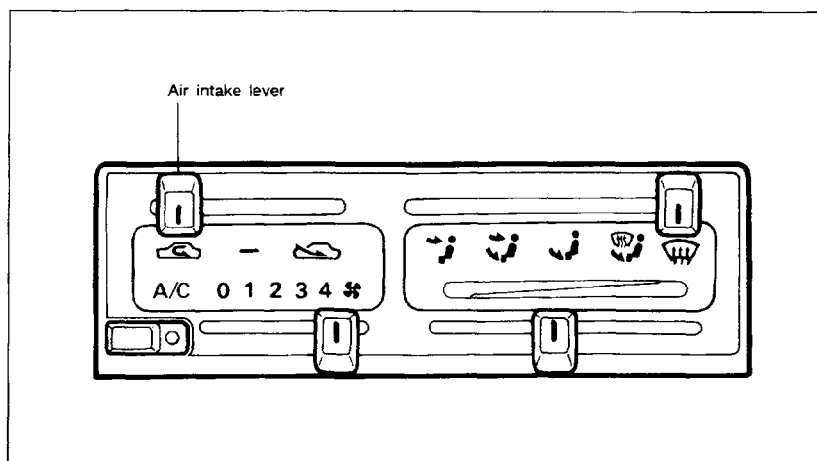


Steps

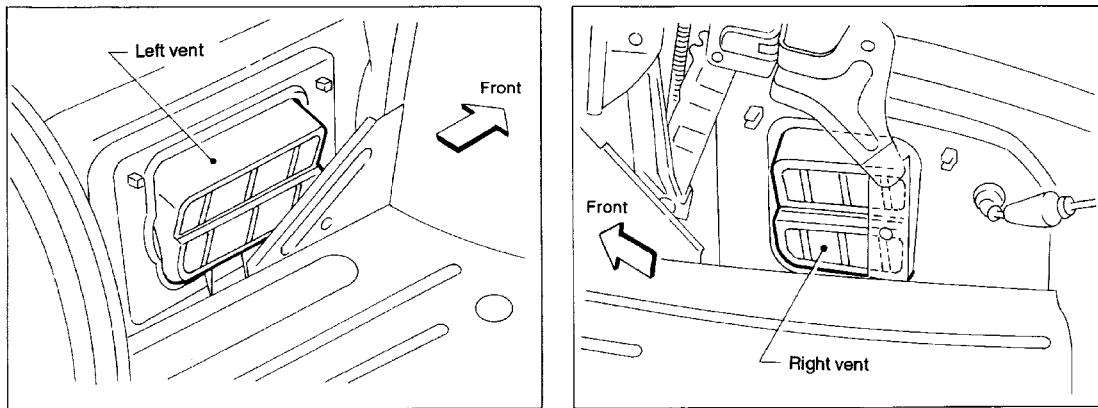
1. Remove trim parts from the suspected area in order to make leakage plainly visible.
2. Install the vacuum pressure device in the vehicle as shown in the figure below. Securely fasten with duct tape.



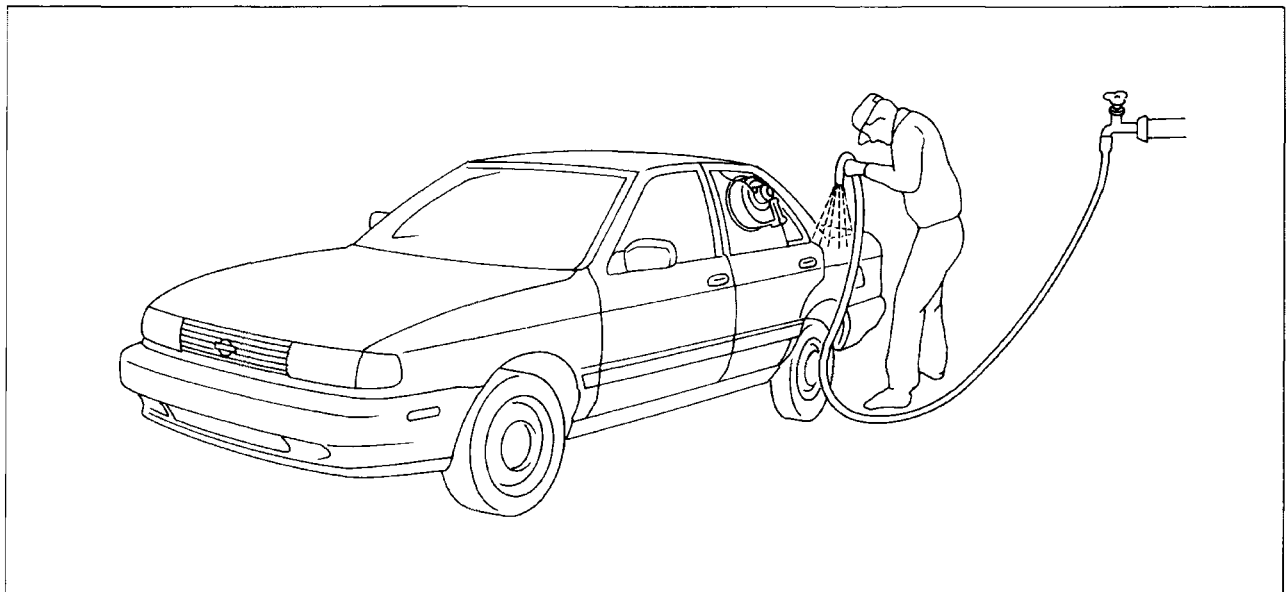
3. Set the heater air intake lever to the recirculate position.



4. Remove the floor carpet from the trunk and close both the left and right vents from the inside as shown below:



5. Apply water to the suspected leaking areas from lower to higher areas at a volume of 5 to 10 liters per minute. One person should be inside the vehicle to locate any leaks.



6. Activate the vacuum pressure device to create a vacuum within the passenger compartment.

CAUTION:

If a vacuum pressure of -2.20 mmHg, -294 Pa is created within the passenger compartment, only apply water to where the leak is believed to be. At higher vacuum pressure, leakage may occur around weather-stripping or other areas which are comparatively less watertight.

7. Recheck watertightness after repairing leaking areas.