

**Technical Bulletin No:** XT303-932  
**Issue Date:** Jan 03  
**Vehicle:** X-Type 2002-2003 MY-ON  
**VIN:** C00294-C91719

## **Overheating – Cooling Fans Inoperative**

### **Problem**

The cooling fan module on X-TYPE vehicles may fail under certain circumstances.

There are various root causes but the design and quality of the printed circuit board within the cooling fan module are the most significant. The NAND gate used in the circuit is defective causing multiple failure modes, this can result in high engine temperature and overheating due to the cooling fans not operating.

### **Action**

A change has been implemented in production from VIN C91720. On these vehicles a 'Philips' printed circuit board has been used that has a modified voltage spike protection strategy.

### **Procedure**

Install new cooling fan module (see Workshop Manual, JTIS CD ROM, section: 303-03, SRO 26.25.38).