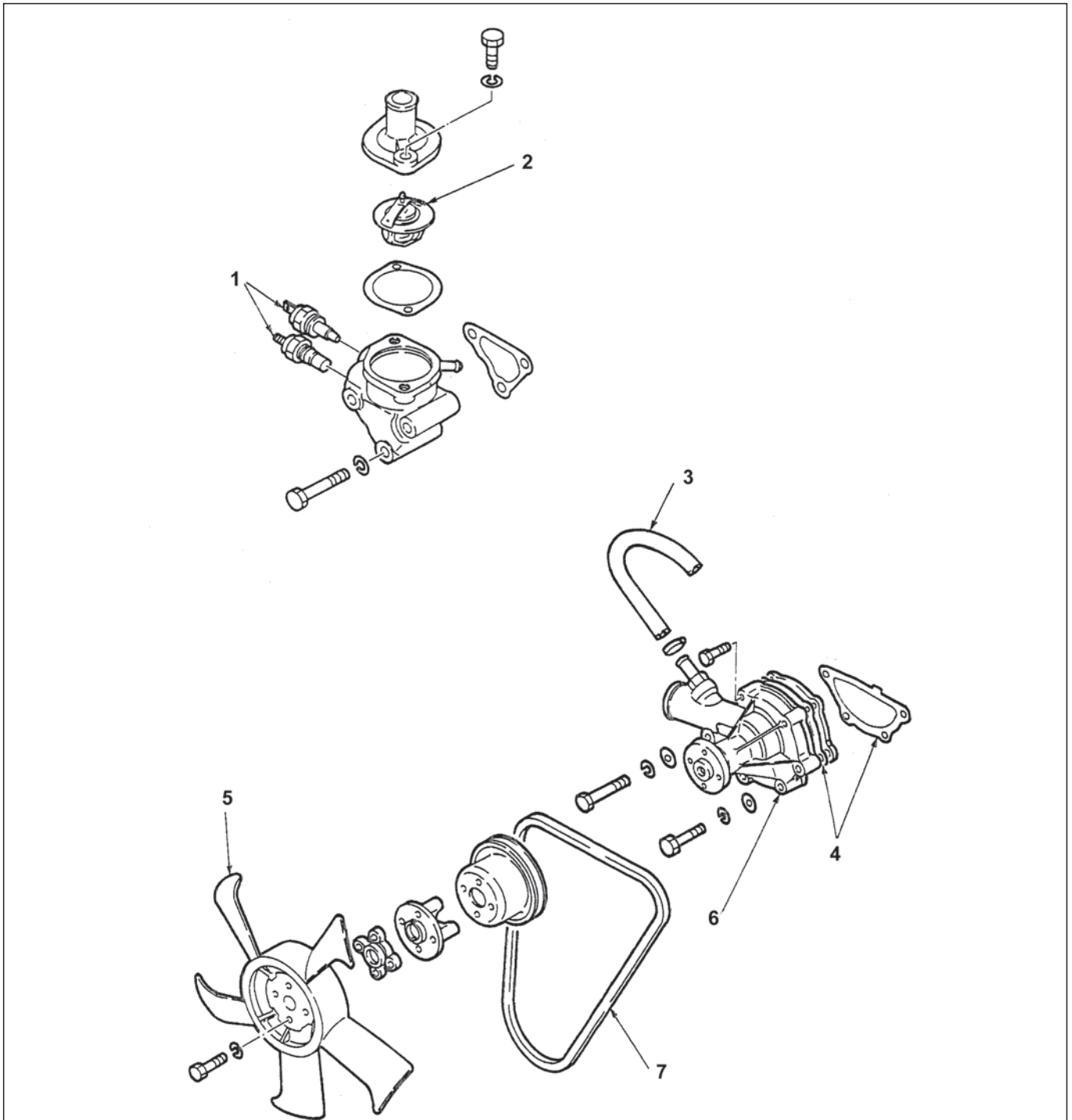
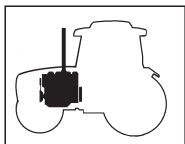


### INSPECTION



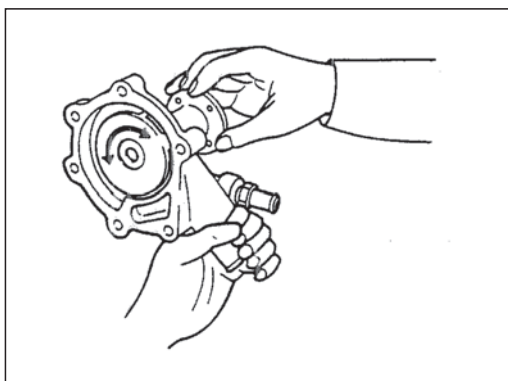
### Inspection points

- 1 - Test thermoswitch and thermounit using the procedures that follow.
- 2 - Test thermostat using the procedure that follows.
- 3 - Check for aging or damage.
- 4 - Use new gaskets.
- 5 - Check for cracks or distortion.
- 6 - Check for cracks or leaks.
- 7 - Check for elongation, aging or wear..

**1**

# Mitsubishi engine

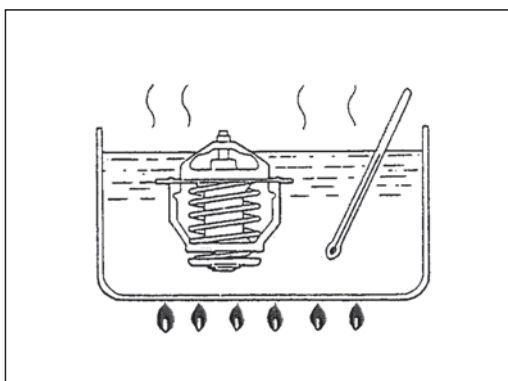
## Cooling system



Checking water pump

### 1. Water Pump

Check the impeller and shaft for rotation. If they do not rotate freely or have noise, replace the water pump assembly.



Testing thermostat

### 2. Thermostat standard

Hang the thermostat in the pan of water as shown in the illustration. The thermostat must be below the surface of the water and its must be away from the sides of the pan. Heat the water uniformly in the pan and measure a temperature at which the valve starts opening and a temperature at which the valve lift (distance) is 8 mm (0.3 in.). Replace the thermostat if defective.

Stir up the water to keep the temperature uniform.

Temperature at which valve starts opening	$85 \pm 1.5^{\circ}\text{C}$ ( $180 \pm 2.7^{\circ}\text{F}$ )
Temperature at which valve lift is 8 mm (0.3 in.)	$95^{\circ}\text{C}$ (203 °F)



**WARNING: Water in the pan is hot. Any contact can cause severe burns**