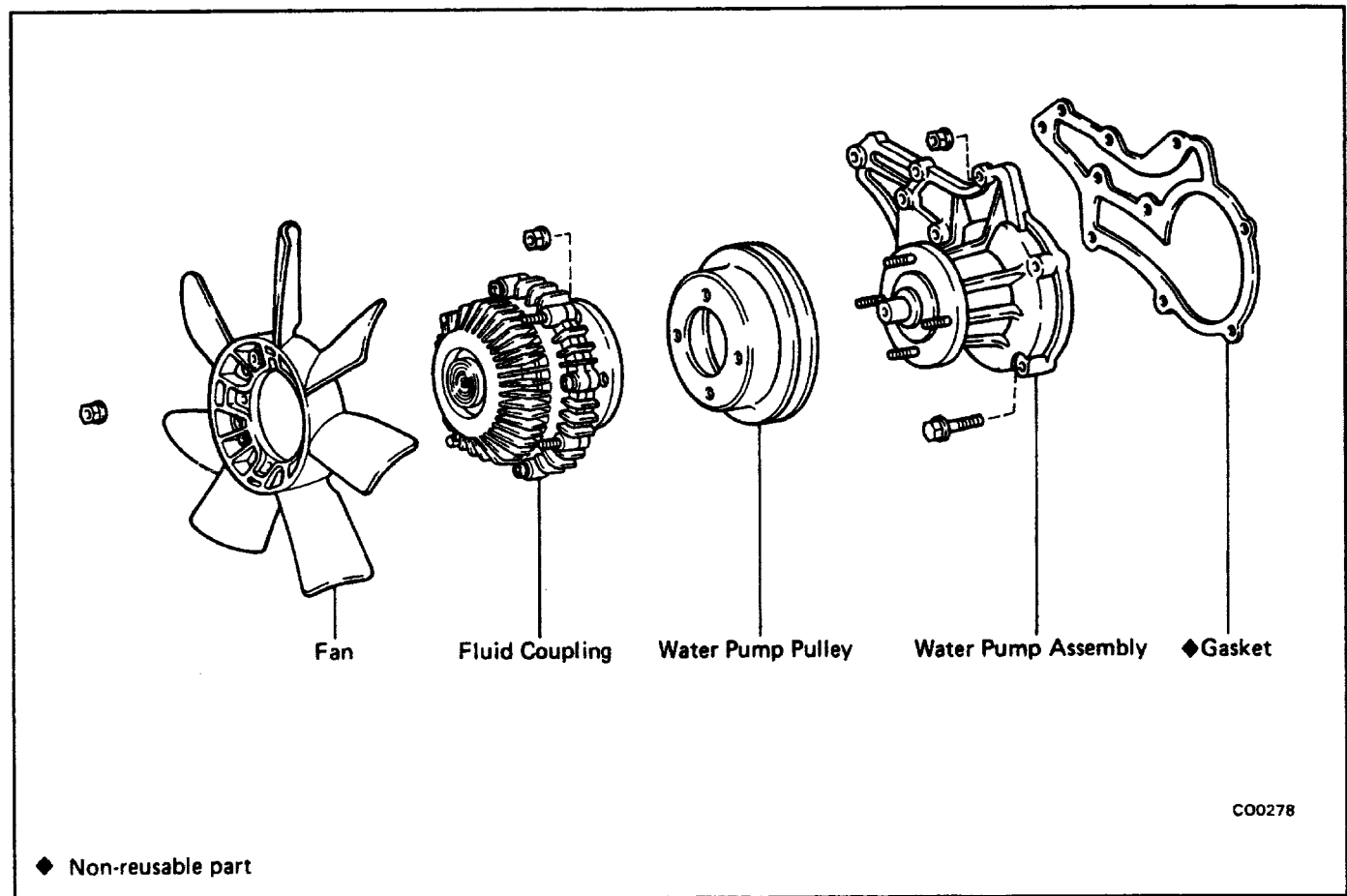
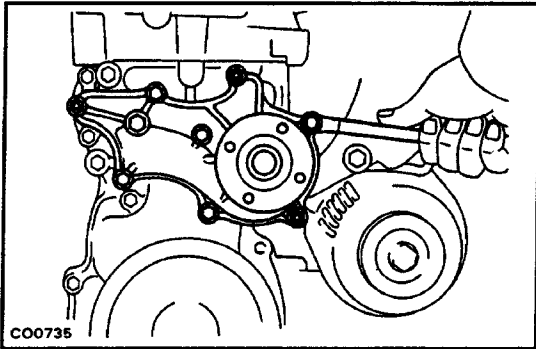


## WATER PUMP COMPONENTS



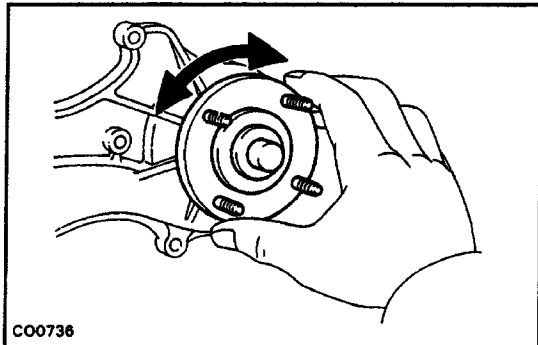
## WATER PUMP REMOVAL

1. DRAIN COOLANT  
(in coolant check and replacement)
2. w/ PS:  
REMOVE PS BELT
3. w/ A/C:  
REMOVE A/C BELT
4. REMOVE FLUID COUPLING WITH FAN AND  
WATER PUMP PULLEY  
(in timing chain removal in timing chain in  
Engine Mechanical)



## 5. REMOVE WATER PUMP

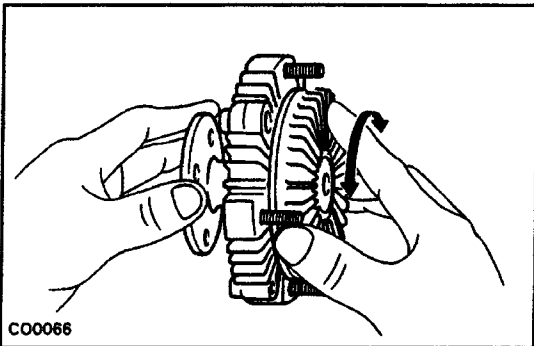
Remove the 6 bolts, 3 nuts, water pump and gasket.



## WATER PUMP INSPECTION

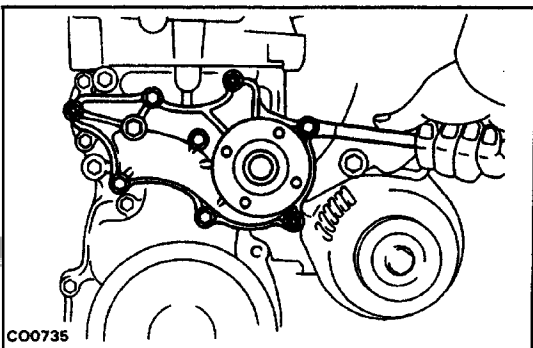
### 1. INSPECT WATER PUMP BEARING

Check that the water pump bearing moves smoothly and quietly.



### 2. INSPECT FLUID COUPLING

Check the fluid coupling for damage and silicone oil leakage.



## WATER PUMP INSTALLATION

(See Components for Removal and Installation)

### 1. INSTALL WATER PUMP OVER NEW GASKET

Install the water pump and a new gasket with the 6 bolts and 3 nuts.

### 2. INSTALL WATER PUMP PULLEY AND FLUID COUPLING WITH FAN

(See step 9 in timing chain installation in timing chain in Engine Mechanical)

### 3. w/ A/C:

INSTALL A/C BELT

(See maintenance operations in Maintenance)

### 4. w/ PS:

INSTALL PS BELT

(See maintenance operations in Maintenance)

### 5. REFILL COOLANT

(See coolant check and replacement)