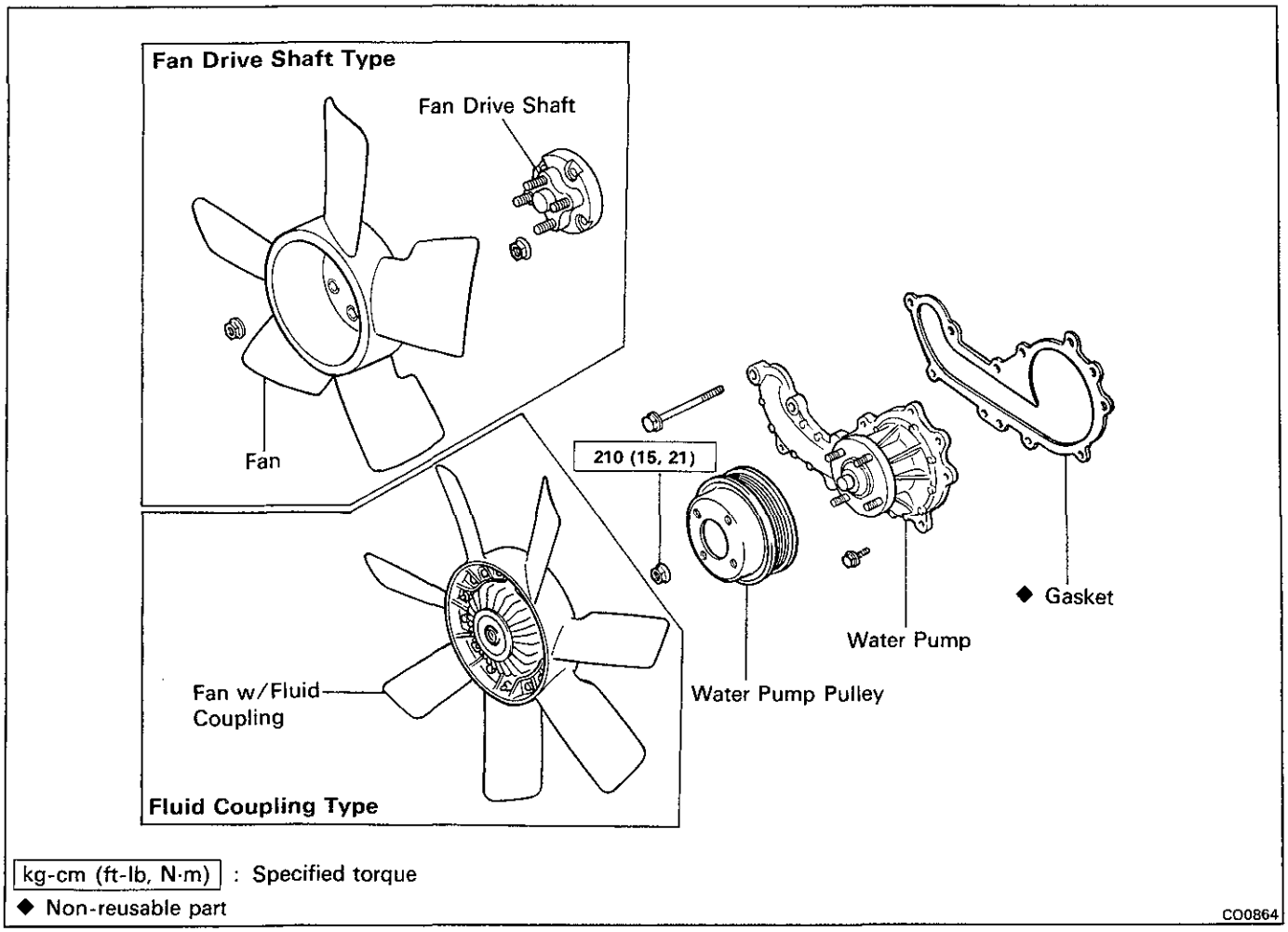
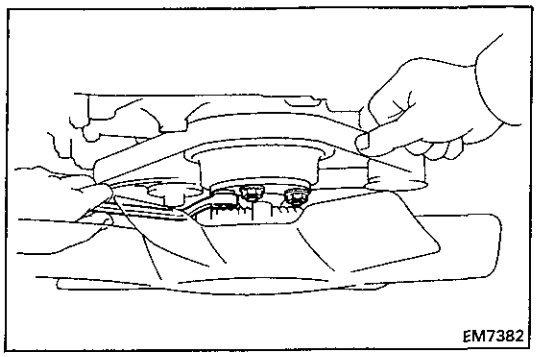
WATER PUMP

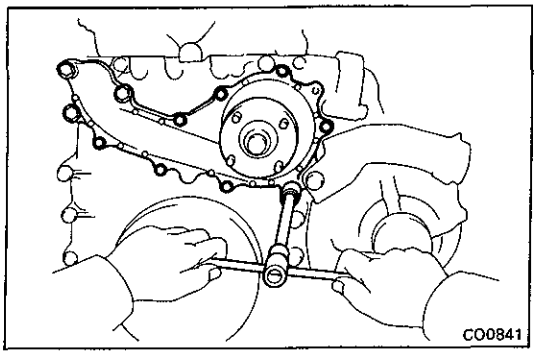
COMPONENTS



kg-cm (ft-lb, N·m) : Specified torque
◆ Non-reusable part

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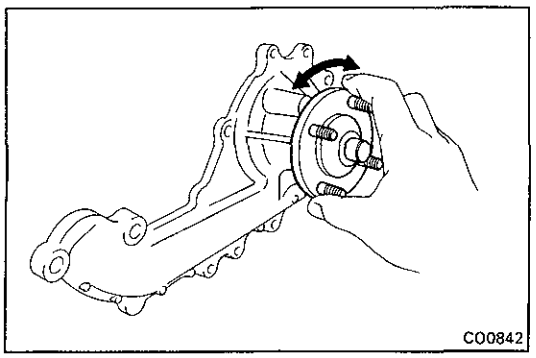




REMOVAL OF WATER PUMP

1. **REMOVE FLUID COUPLING (OR FAN DRIVE SHAFT) WITH FAN AND WATER PUMP PULLEY**
   (a) Stretch the belt tight and loosen the fan pulley set nuts.
   (b) Loosen the pivot bolt and adjusting bolt, and remove the drive belt.
   (c) Remove the four nuts, fluid coupling (or fan drive shaft) with fan and water pump pulley.

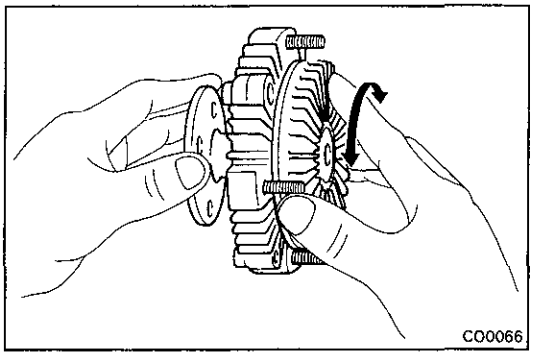
2. **REMOVE WATER PUMP**
   Remove the ten bolts, water pump and gasket.



INSPECTION OF WATER PUMP

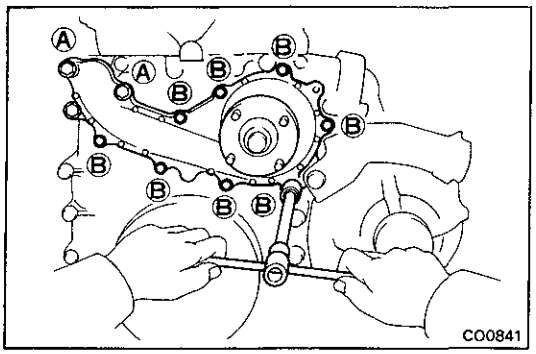
1. **INSPECT WATER PUMP BEARING**

   Check that water pump bearing operation in not rough or noisy.



2. **INSPECT FLUID COUPLING**

   Check the fluid coupling for damage and silicone oil leakage.



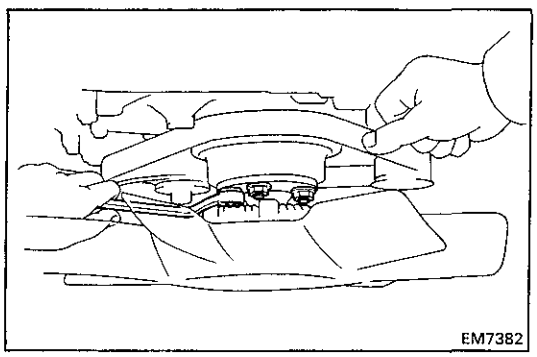
INSTALLATION OF WATER PUMP

(See page CO-6)

1. **INSTALL WATER PUMP**

   Install a new gasket and water pump with the ten bolts.

   Torque: **Ⓐ 200 kg-cm (14 ft-lb, 20 N·m)**
   Ⓑ 90 kg-cm (78 in.-lb, 8.8 N·m)



2. **INSTALL WATER PUMP PULLEY, FLUID COUPLING (OR FAN DRIVE SHAFT) AND ALTERNATOR DRIVE BELT**

   (a) Install the water pump pulley, fluid coupling (or fan drive shaft), with fan with the four nuts.
   (b) Place the alternator drive belt on to each pulley.
   (c) Stretch the belt tight and torque the four nuts.

   Torque: 210 kg-cm (15 ft-lb, 21 N·m)

   (d) Adjust drive belt tension
   (See step 3 on page CH-4)