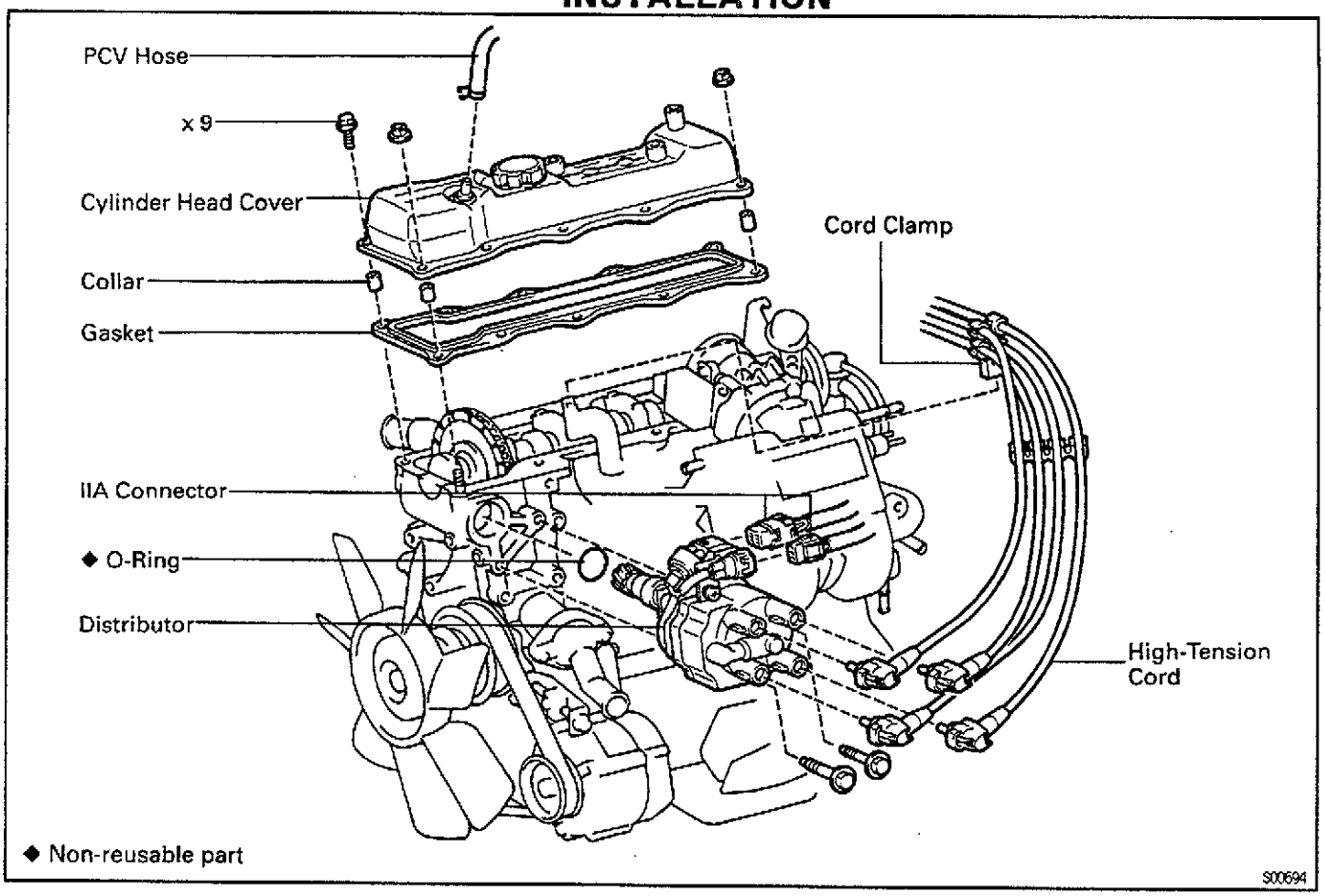
INTEGRATED IGNITION ASSEMBLY (IIA)

COMPONENTS FOR REMOVAL AND INSTALLATION



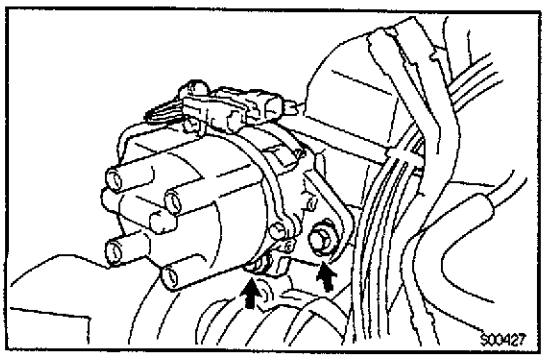
IIA REMOVAL

1. **DISCONNECT HIGH–TENSION CORDS FROM DISTRIBUTOR CAP**

(a) Using a screwdriver, lift up the lock claw and disconnect the holder from the distributor cap.

(b) Disconnect the high–tension cord at the grommet. Do not pull on the cord.

NOTICE: Pulling on or bending the cords may damage the conductor inside.



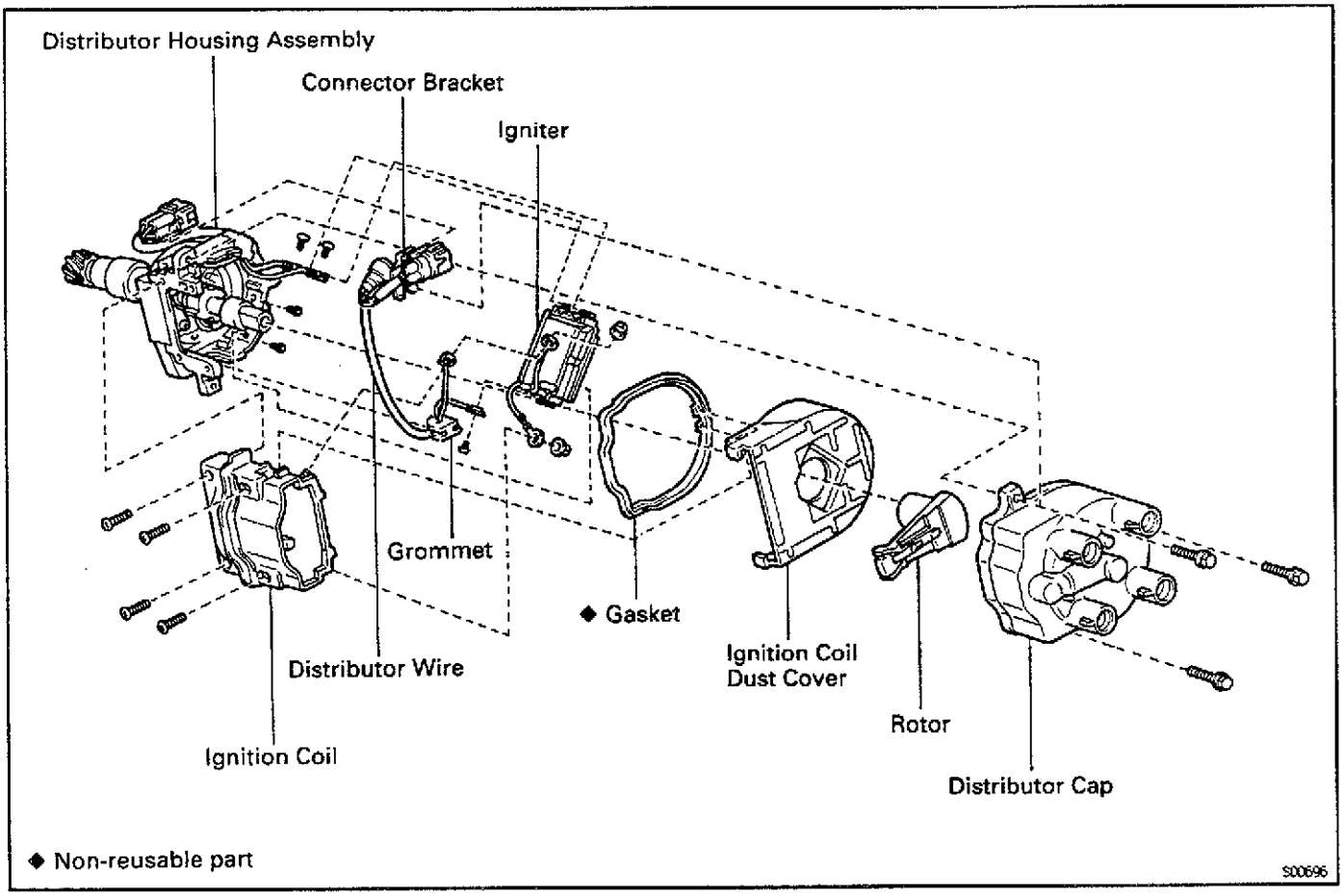
2. **DISCONNECT IIA CONNECTORS**
3. **REMOVE IIA**

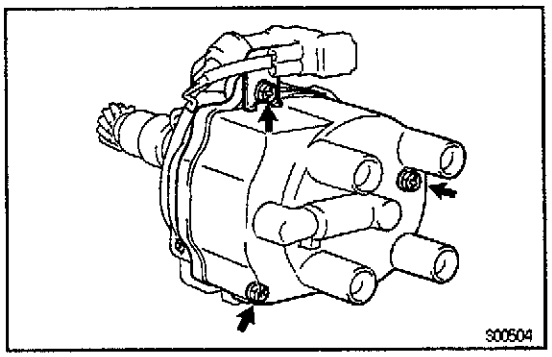
(a) Remove the 2 bolts, and pull out the IIA.

(b) Remove the O–ring from the distributor housing.

IG

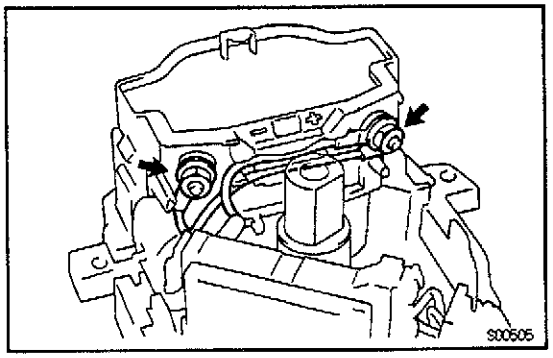
COMPONENTS FOR DISASSEMBLY AND ASSEMBLY



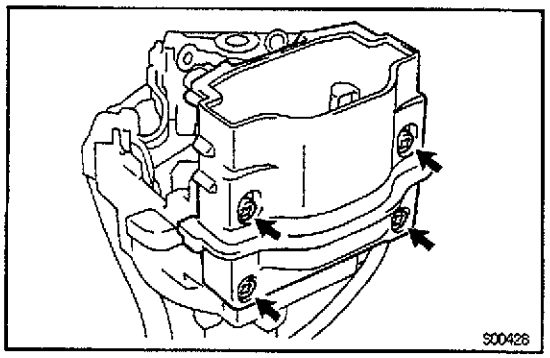


IIA DISASSEMBLY

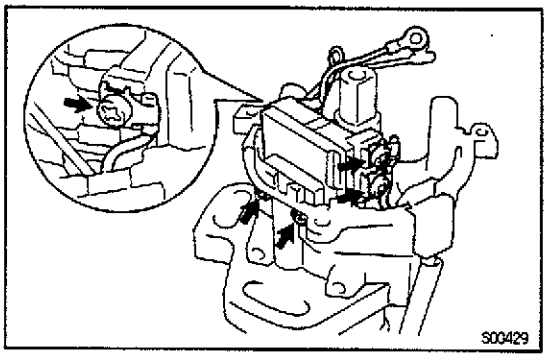
1. **REMOVE DISTRIBUTOR CAP**
   Remove the 3 bolts and distributor cap.
2. **REMOVE ROTOR**
3. **REMOVE IGNITION COIL DUST COVER**
(a) Remove the dust cover.
(b) Remove the gasket.



4. **REMOVE IGNITION COIL**
(a) Remove the 2 nuts, and disconnect the 3 wires from the ignition coil terminals.



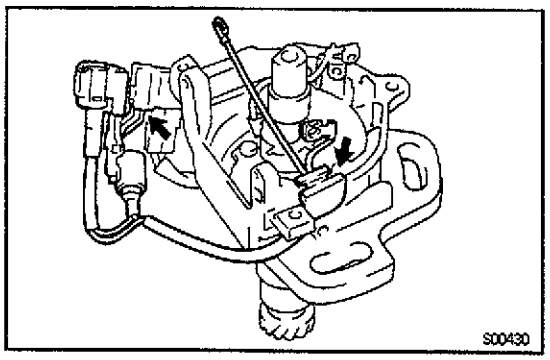
(b) Remove the 4 screws and ignition coil.



5. REMOVE IGNITER

(a) Remove the 3 screws, and disconnect the 3 wires from the igniter terminals.

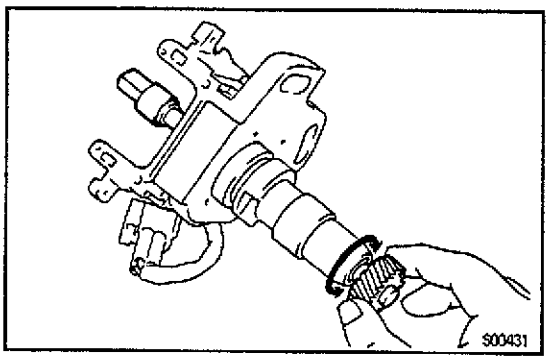
(b) Remove the 2 screws and igniter.



6. REMOVE DISTRIBUTOR WIRE

(a) Disconnect the connector from the connector bracket.

(b) Remove the distributor wire from the distributor housing.

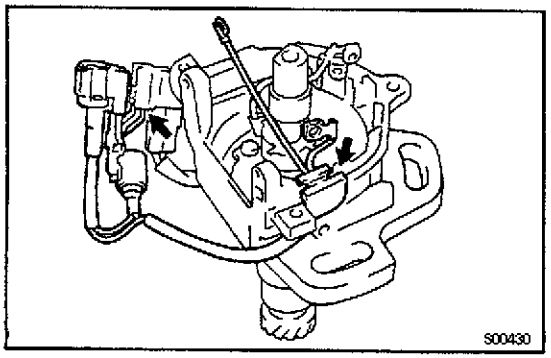


IIA INSPECTION

IG04V–07

INSPECT SHAFT

Turn the shaft and check that it is not rough or worn. If it feels rough or worn, replace the distributor housing assembly.



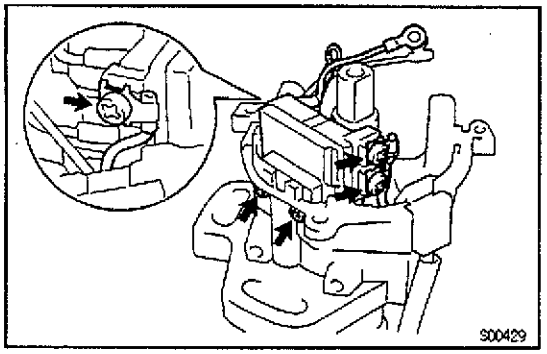
IIA ASSEMBLY

IG0MR–01

1. INSTALL DISTRIBUTOR WIRE

(a) Install the grommet of the wire to the distributor housing.

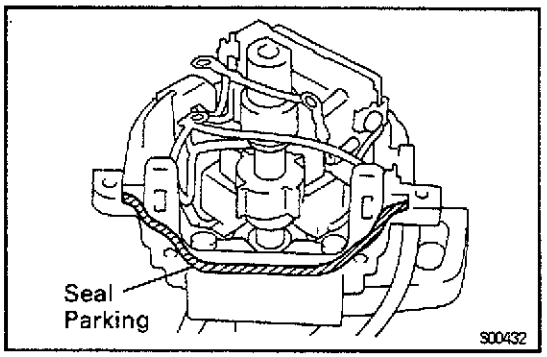
(b) Install the connector to the connector bracket.



2. INSTALL IGNITER

(a) Install the igniter with the 2 screws.

(b) Connect the 3 wires to the igniter terminals with the 3 screws.



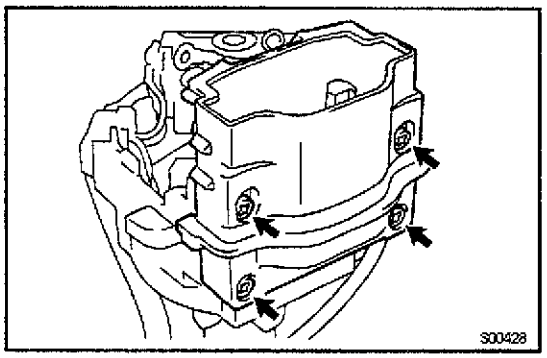
3. INSTALL IGNITION COIL

(a) Remove any old packing (FIPG) material.

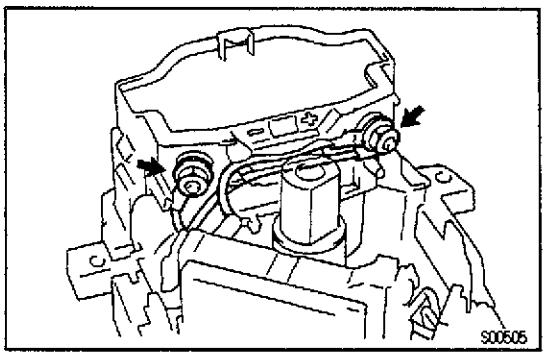
(b) Apply seal packing to the ignition coil installing surface of the housing as shown in the illustration.

Seal packing:

Part No. 08826–00080 or equivalent



(c) Install the ignition coil with the 4 screws.



(d) Connect the 3 wires to the ignition coil terminals with the 2 nuts as shown in the illustration.

NOTICE:

- **When connecting the wires to the ignition coil, insert both properly into their grooves found on the side of the ignition coil.**
- **Be sure the wires do not contact with signal rotor or distributor housing.**

4. INSTALL IGNITION COIL DUST COVER

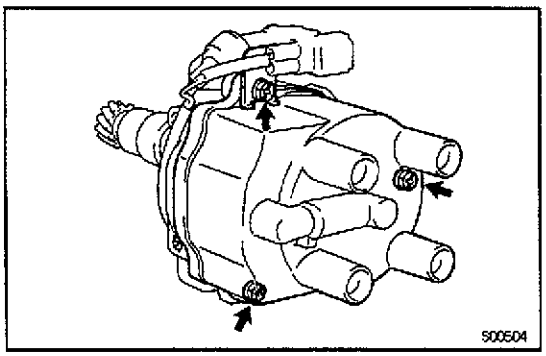
(a) Install a new gasket to the distributor housing.

(b) Install the dust cover.

5. INSTALL ROTOR

6. INSTALL DISTRIBUTOR CAP

Install the distributor cap and connector bracket with the 3 bolts.



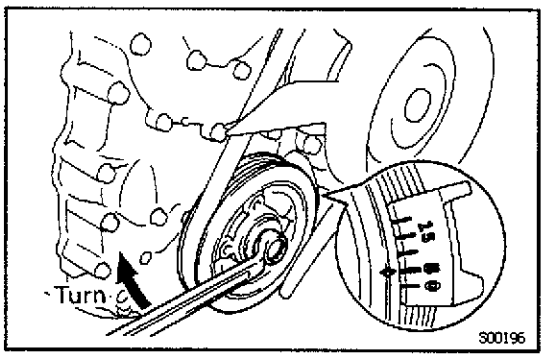
IGOF4–02

IIA INSTALLATION

1. REMOVE CYLINDER HEAD COVER

(a) Disconnect the cord clamp from the bracket on the cylinder head.

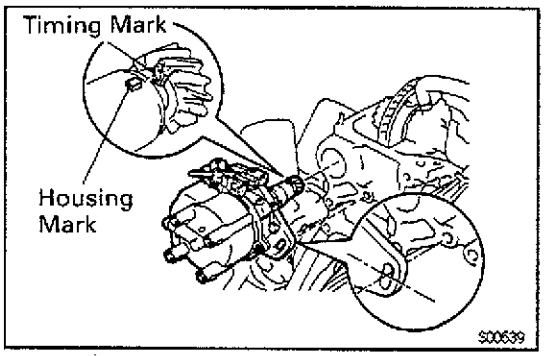
(b) Remove the cylinder head cover.
(See step 2 in cylinder head removal in Engine Mechanical)



2. SET NO.1 CYLINDER TO 5° BTDC/COMPRESSION

(a) Turn the crankshaft pulley, and align its groove with timing mark "5" of the timing chain cover.

(b) Check that the valve lifters on the No.1 cylinder are loose and valve lifters on the No.4 are tight.
If not, turn the crankshaft one revolution (360°) and align the mark as above.



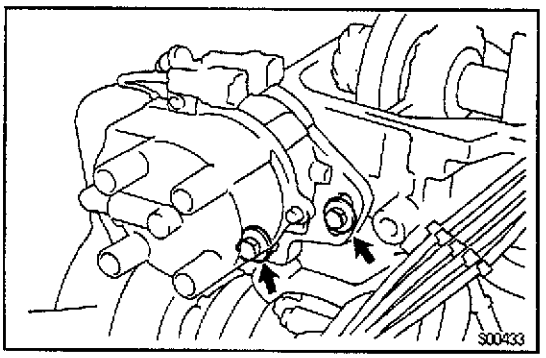
3. INSTALL IIA

(a) Install a new O–ring to the distributor housing.

(b) Apply a light coat of engine oil on the O–ring.

(c) Set the drive gear in position as shown in the illustration.

(d) Insert the IIA, aligning the center of the flange with that of the bolt hole on the cylinder head.



(e) Lightly tighten the 2 bolts.

4. REINSTALL CYLINDER HEAD COVER

(a) Install the cylinder head cover.
(See step 15 in cylinder head installation in Engine Mechanical)

(b) Install the cord clamp to the bracket on the cylinder head.

5. CONNECT HIGH–TENSION CORDS TO DISTRIBUTOR CAP

6. CONNECT IIA CONNECTORS

7. ADJUST IGNITION TIMING
(See ignition timing inspection and adjustment in Engine Mechanical)