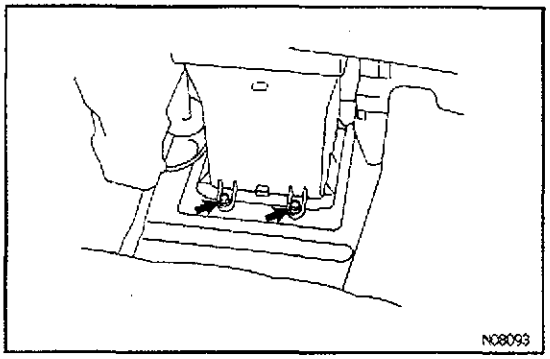


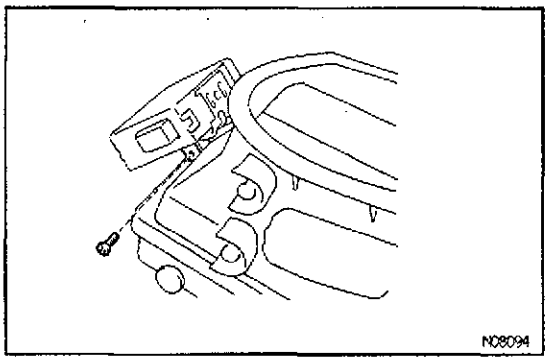
AIR CONDITIONING AMPLIFIER

AC0TW-01

A/C AMPLIFIER REMOVAL

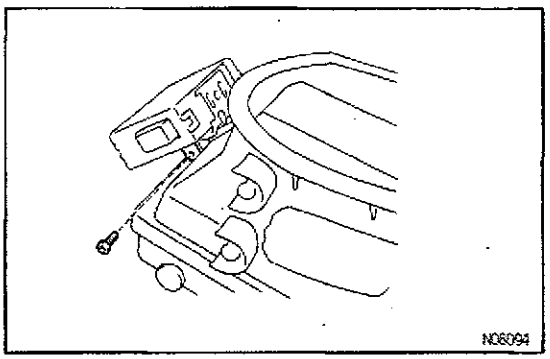
1. REMOVE AIR DAMPER CASE

(a) Remove the 2 bolts and disconnect the connector.
(b) Pull out the air damper case.



2. REMOVE A/C AMPLIFIER

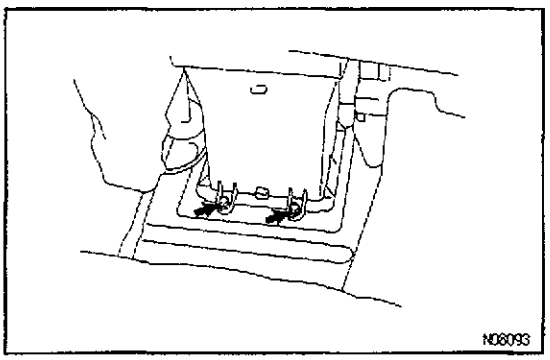
Remove a screw and the A/C amplifier.



A/C AMPLIFIER INSTALLATION

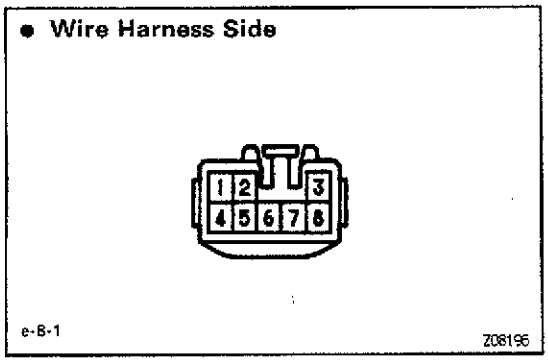
1. INSTALL A/C AMPLIFIER

Install the A/C amplifier with a screw.



2. INSTALL AIR DAMPER CASE

(a) Install the air damper case and connect the connector.
(b) Install the 2 bolts.



A/C AMPLIFIER INSPECTION

INSPECT A/C AMPLIFIER CONNECTOR ON WIRE HARNESS SIDE

Disconnect the connetor from the A/C amplifier and inspect the connector on wire harness side, as shown.

Tester connection to terminal number	Condition	Specified value (Voltage)
1 – 3	Refrigerant pressure 2.0 – 32 kgf·cm²	Battery voltage
1 – 3	Refrigerant pressure less than 2.0 or 32 kgf ·cm² or more	No voltage
2 – 3	Cooler blower switch ON	Battery voltage
2 – 3	Cooler blower switch OFF	No voltage
3 – 4	A/C compressor ON	Battery voltage
3 – 4	A/C compressor OFF	No voltage
3 – 7	Temperature control switch MAX. COLD	Approx. 4.8 V
3 – 7	Temperature control switch OFF	Approx. 5.3 V
3 – 8	Constant	Approx. 5 V
Tester connection to terminal number	Condition	Specified value (Continuity)
3 – Ground	Constant	Continuity
3 – 6	Constant	Continuity

If continuity is not as specified, replace the A/C amplifier.

AC