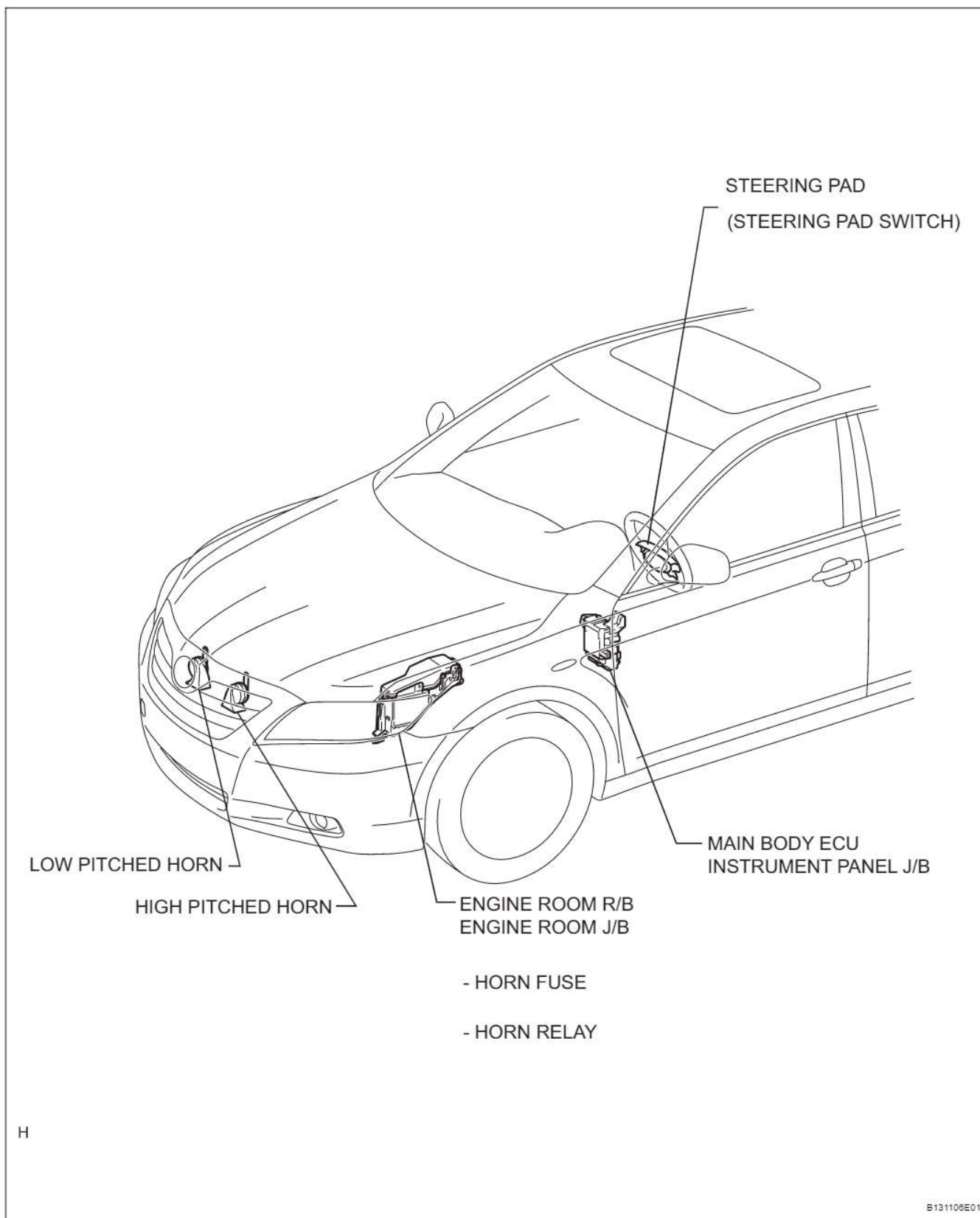


HORN – HORN SYSTEM**HO-1**

HORN SYSTEM

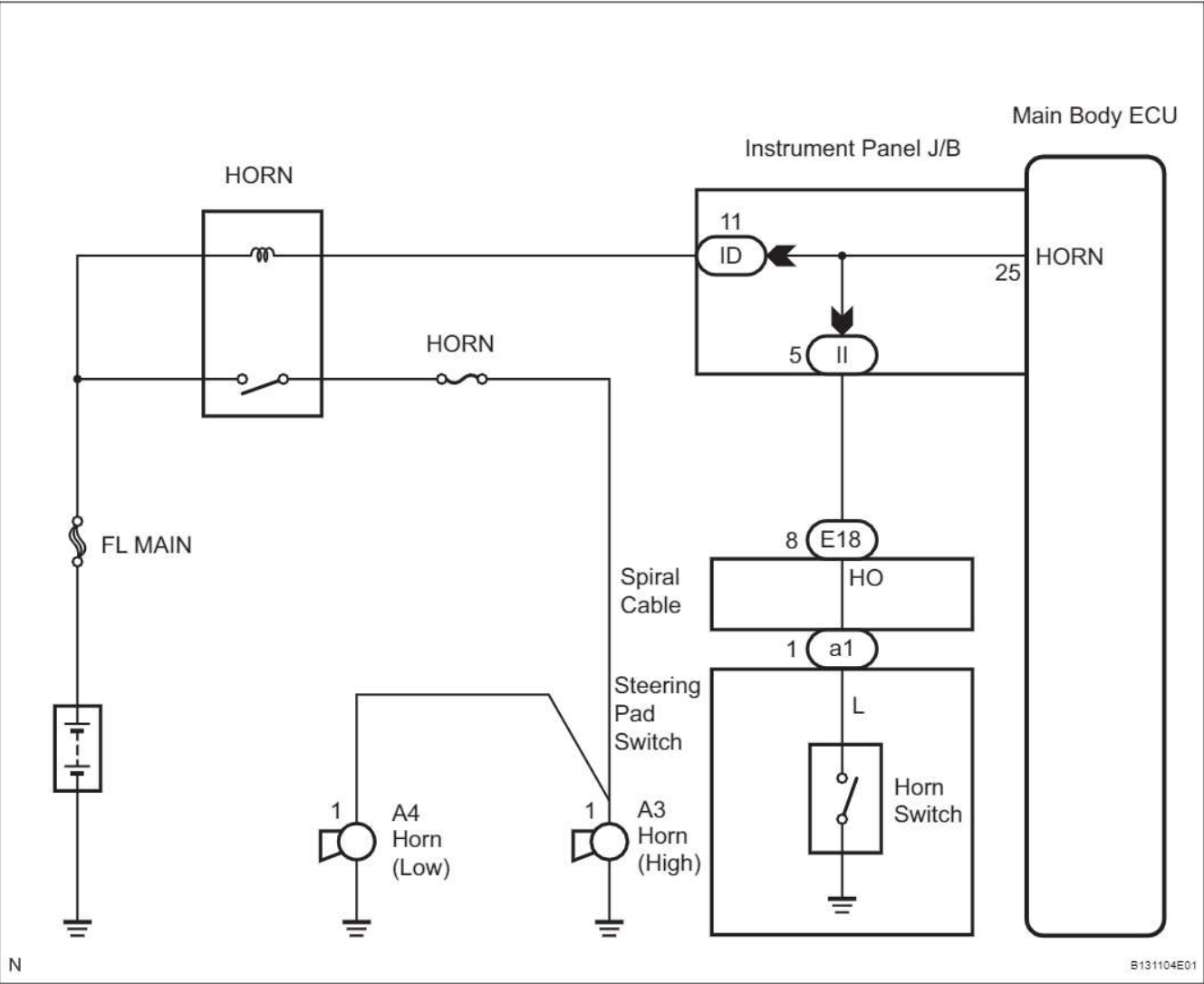
PARTS LOCATION

**HO**

HO-2

HORN – HORN SYSTEM

SYSTEM DIAGRAM



HO

HORN – HORN SYSTEM**HO-3****PROBLEM SYMPTOMS TABLE****HORN SYSTEM**

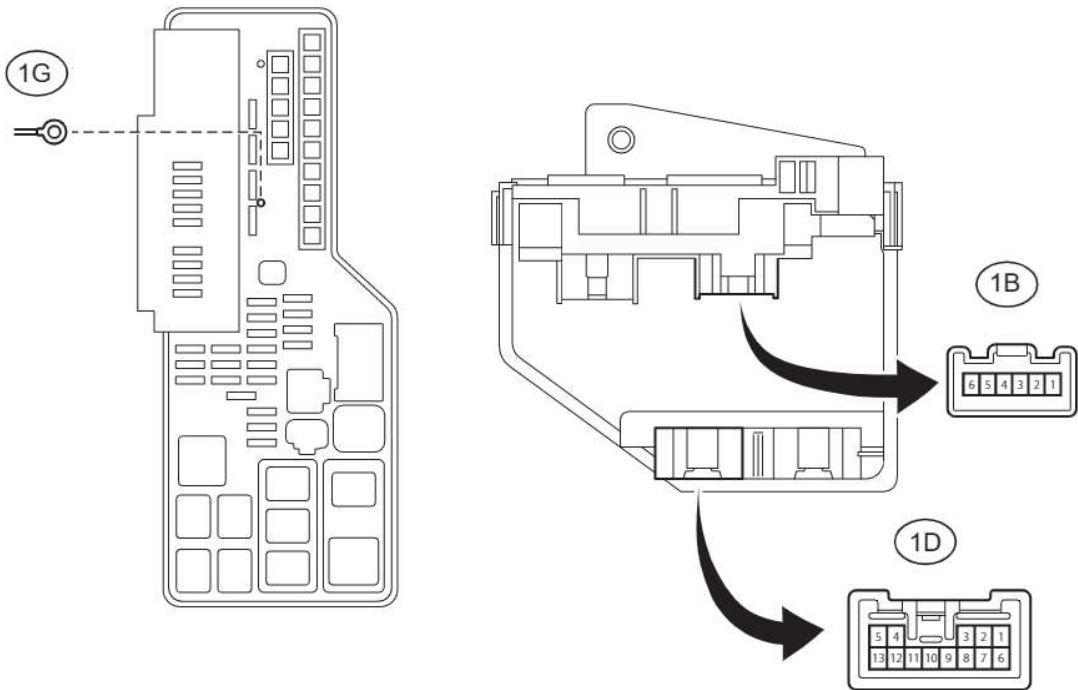
Symptom	Suspected area	See page
Horn does not sound	1. HORN fuse	HO-3
	2. Horn relay	HO-3
	3. Steering pad switch	RS-347
	4. Spiral cable	RS-364
	5. Wire harness	-
Horn blows all the time	1. Horn relay	HO-3
	2. Steering pad switch	RS-347
	3. Wire harness	-
Low pitched horn operates but high pitched horn does not operate	1. High pitched horn	HO-7
	2. Wire harness	-
High pitched horn operates but low pitched horn does not operate	1. Low pitched horn	HO-5
	2. Wire harness	-

HO

HORN RELAY

INSPECTION

1. INSPECT FUSE (HORN)
- (a) Check the resistance of the HORN fuse.
Standard:
Below 1 Ω
2. INSPECT HORN RELAY
- (a) Remove the engine room R/B and J/B (horn relay).
(b) Measure the resistance according to the value(s) in the table below.



N

B131164E01

Standard resistance

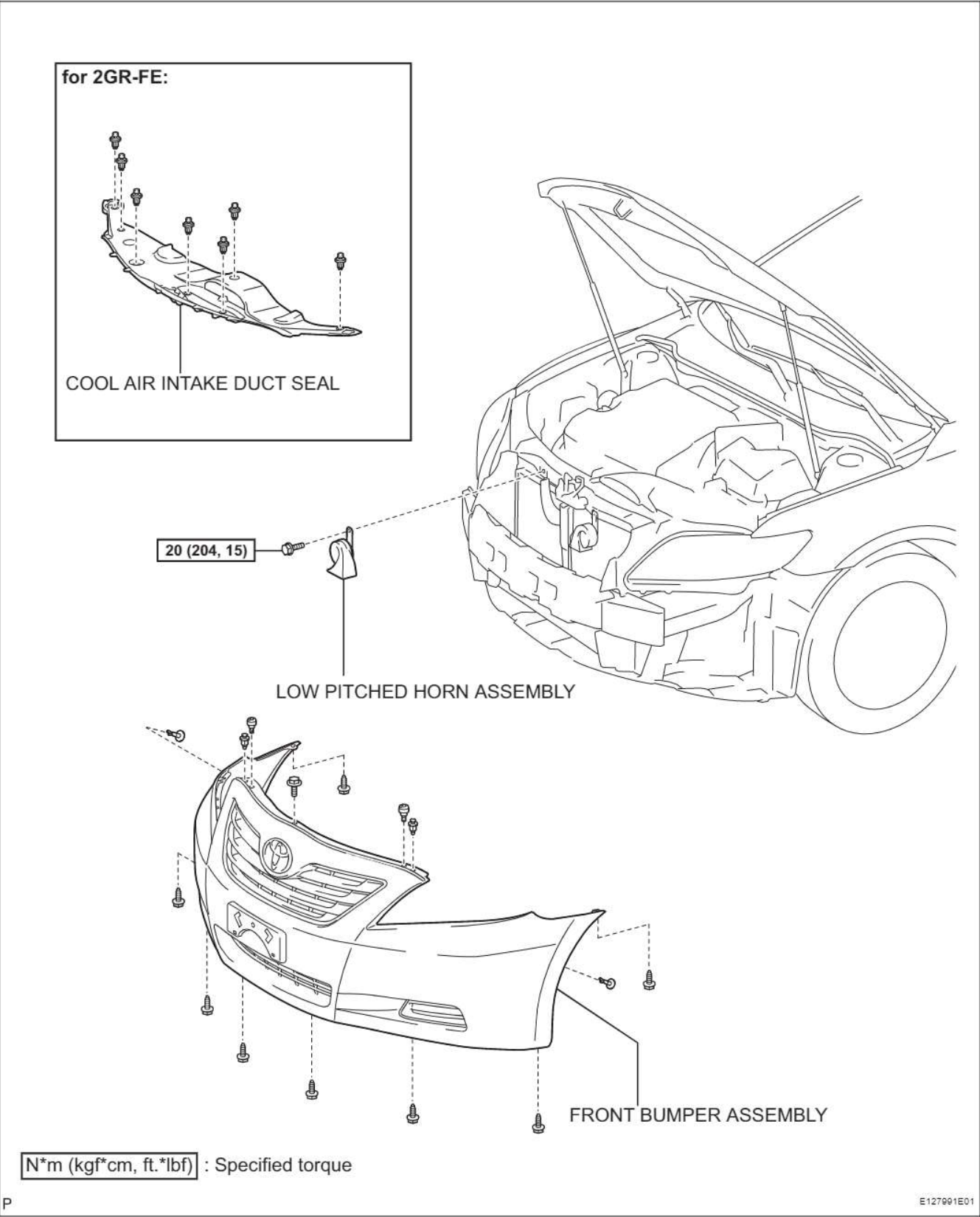
Tester Connection	Condition	Specified Condition
1G-1 - 1B-6	Always	10 kΩ or higher
1G-1 - 1B-6	When battery voltage is applied to terminals 1G-1 and 1D-10	Below 1 Ω

HO

HO-4

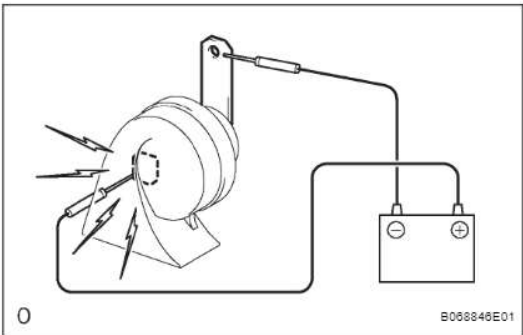
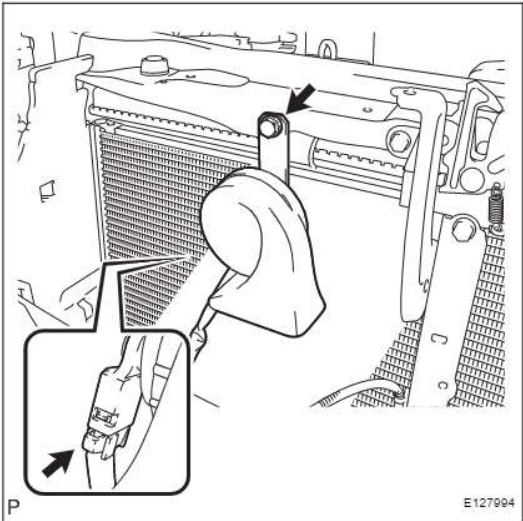
HORN – LOW PITCHED HORN

LOW PITCHED HORN
COMPONENTS



REMOVAL

- 1. REMOVE COOL AIR INTAKE DUCT SEAL (for 2GR-FE) (See page ET-4)
- 2. REMOVE FRONT BUMPER ASSEMBLY (See page ET-5)
- 3. REMOVE LOW PITCHED HORN ASSEMBLY
 - (a) Disconnect the connector.
 - (b) Remove the bolt and the low pitched horn assembly.



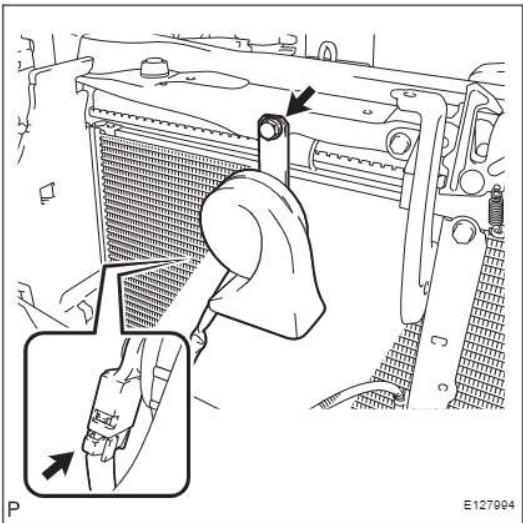
INSPECTION

- 1. INSPECT LOW PITCHED HORN
 - (a) Apply battery voltage and check operation of the horn, as shown in the table below.
- Standard

Measurement Condition	Specified Condition
Battery positive (+) → Terminal 1 Battery negative (-) → Body ground	Horn sounds

INSTALLATION

- 1. INSTALL LOW PITCHED HORN ASSEMBLY
 - (a) Install the low pitched horn assembly with the bolt.
Torque: 20 N*m (204 kgf*cm, 15 ft.*lbf)
 - (b) Connect the connector.
- 2. INSTALL FRONT BUMPER ASSEMBLY (See page ET-13)
- 3. INSTALL COOL AIR INTAKE DUCT SEAL (for 2GR-FE) (See page ET-14)

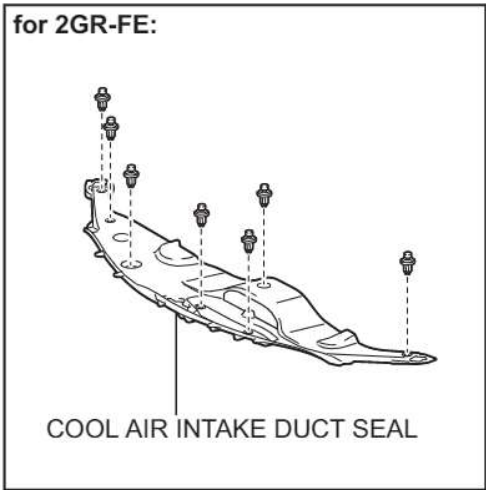


HO-6

HORN – HIGH PITCHED HORN

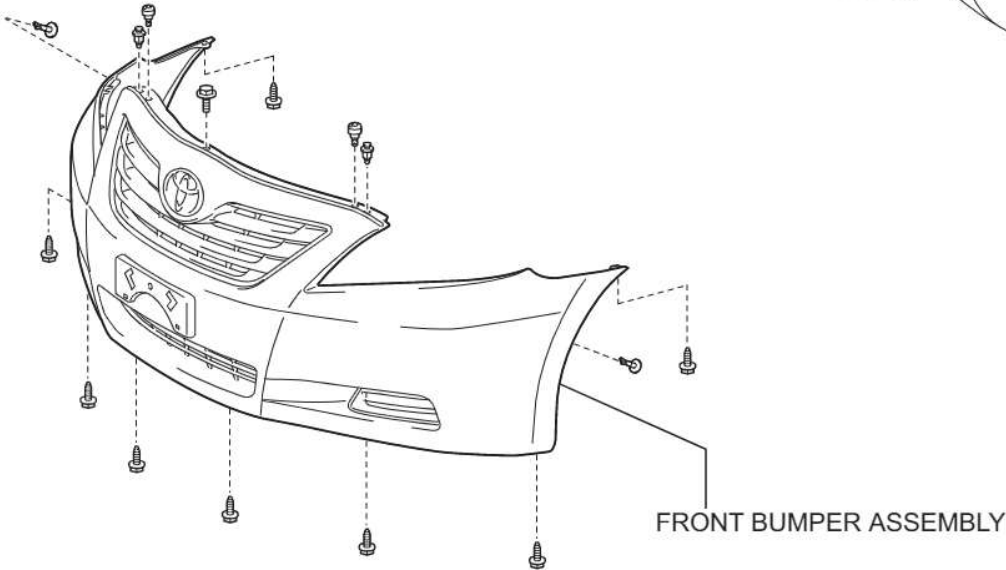
HIGH PITCHED HORN

COMPONENTS



20 (204, 15)

HIGH PITCHED HORN ASSEMBLY



N*m (kgf*cm, ft.*lbf) : Specified torque

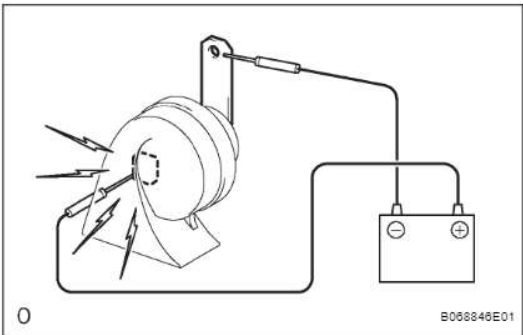
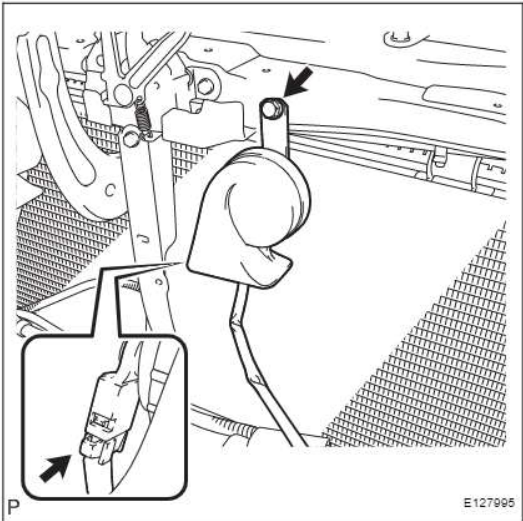
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HO

REMOVAL

- 1. REMOVE COOL AIR INTAKE DUCT SEAL (for 2GR-FE) (See page ET-4)
- 2. REMOVE FRONT BUMPER ASSEMBLY (See page ET-5)
- 3. REMOVE HIGH PITCHED HORN ASSEMBLY
 - (a) Disconnect the connector.
 - (b) Remove the bolt and the high pitched horn assembly.



INSPECTION

- 1. INSPECT HIGH PITCHED HORN
 - (a) Apply battery voltage and check operation of the horn, as shown in the table below.
- Standard

Measurement Condition	Specified Condition
Battery positive (+) → Terminal 1 Battery negative (-) → Body ground	Horn sounds

INSTALLATION

- 1. INSTALL HIGH PITCHED HORN ASSEMBLY
 - (a) Install the high pitched horn assembly with the bolt.
Torque: 20 N*m (204 kgf*cm, 15 ft.*lbf)
 - (b) Connect the connector.
- 2. INSTALL FRONT BUMPER ASSEMBLY (See page ET-13)
- 3. INSTALL COOL AIR INTAKE DUCT SEAL (for 2GR-FE) (See page ET-14)

