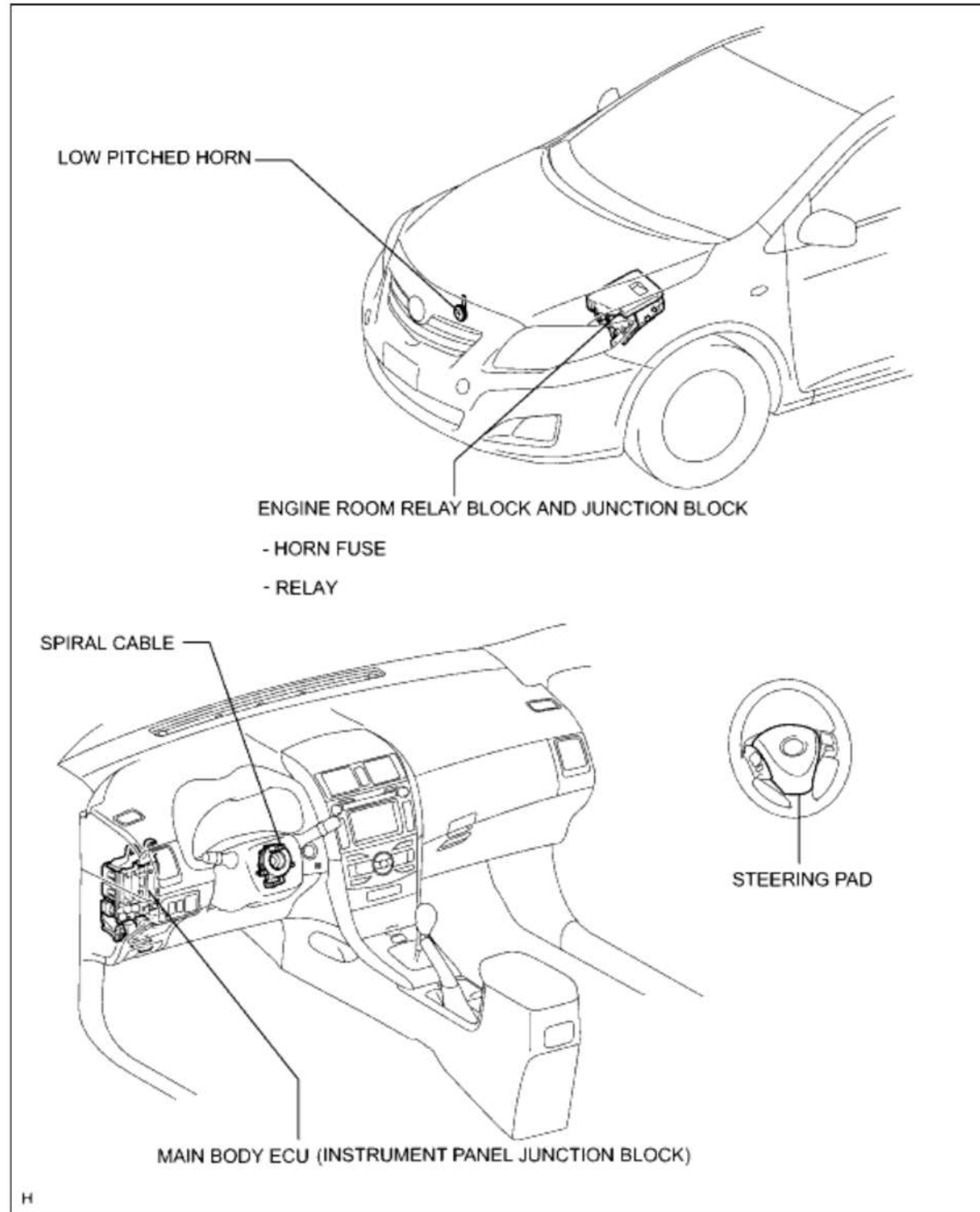


Last Modified: 3-10-2010	6.4 R	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM0000016F401UX
Title: HORN: HORN SYSTEM: PARTS LOCATION (2010 Corolla)		

PARTS LOCATION

ILLUSTRATION

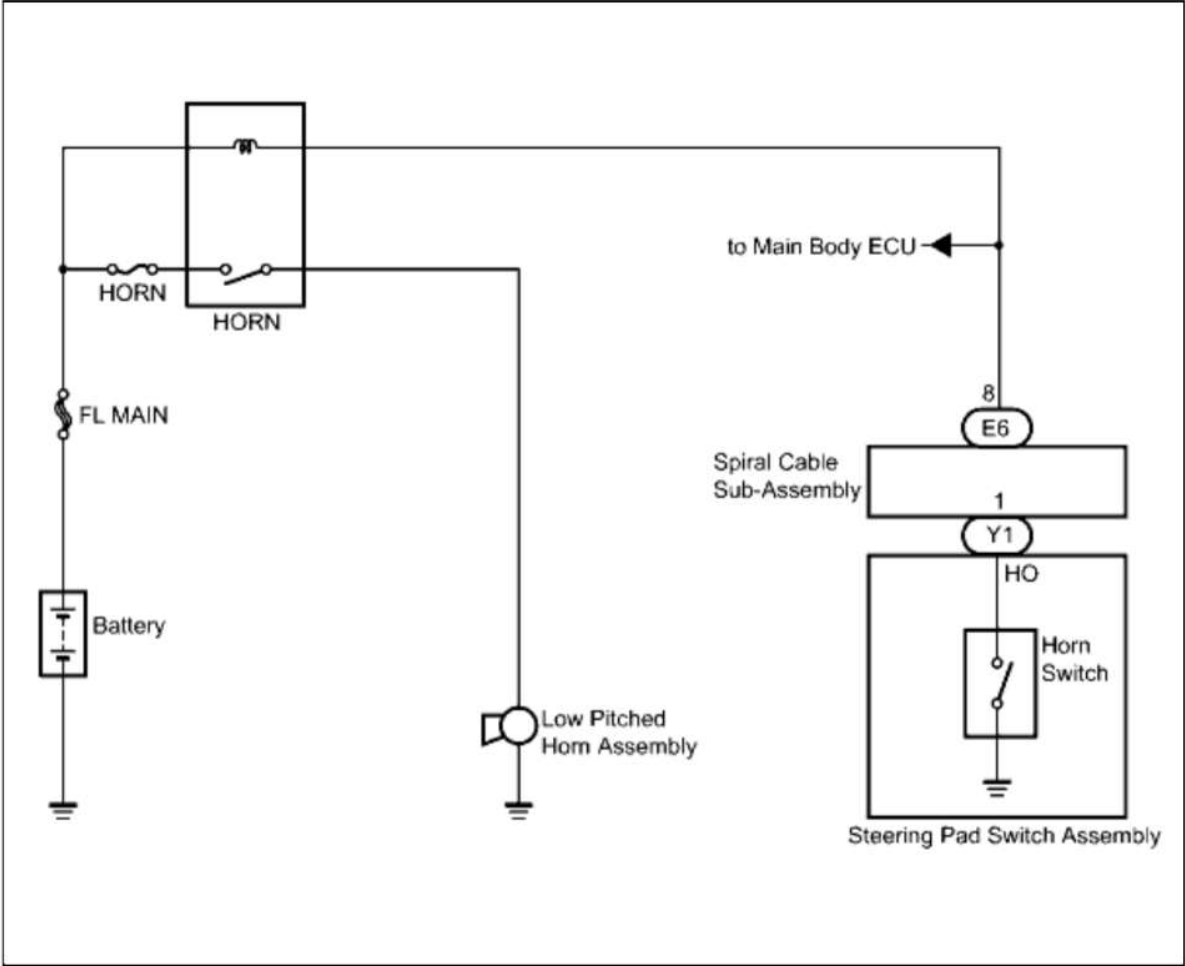




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Last Modified: 3-10-2010	6.4 U	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM0000016F601UX
Title: HORN: HORN SYSTEM: SYSTEM DIAGRAM (2010 Corolla)		

SYSTEM DIAGRAM



Last Modified: 3-10-2010	6.4 T	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM0000016F502EX
Title: HORN: HORN SYSTEM: PROBLEM SYMPTOMS TABLE (2010 Corolla)		

PROBLEM SYMPTOMS TABLE

HINT:

Use the table below to help determine the cause of problem symptoms. If multiple suspected areas are listed, the potential causes of the symptoms are listed in order of probability in the "Suspected Area" column of the table. Check each symptom by checking the suspected areas in the order they are listed. Replace parts as necessary.

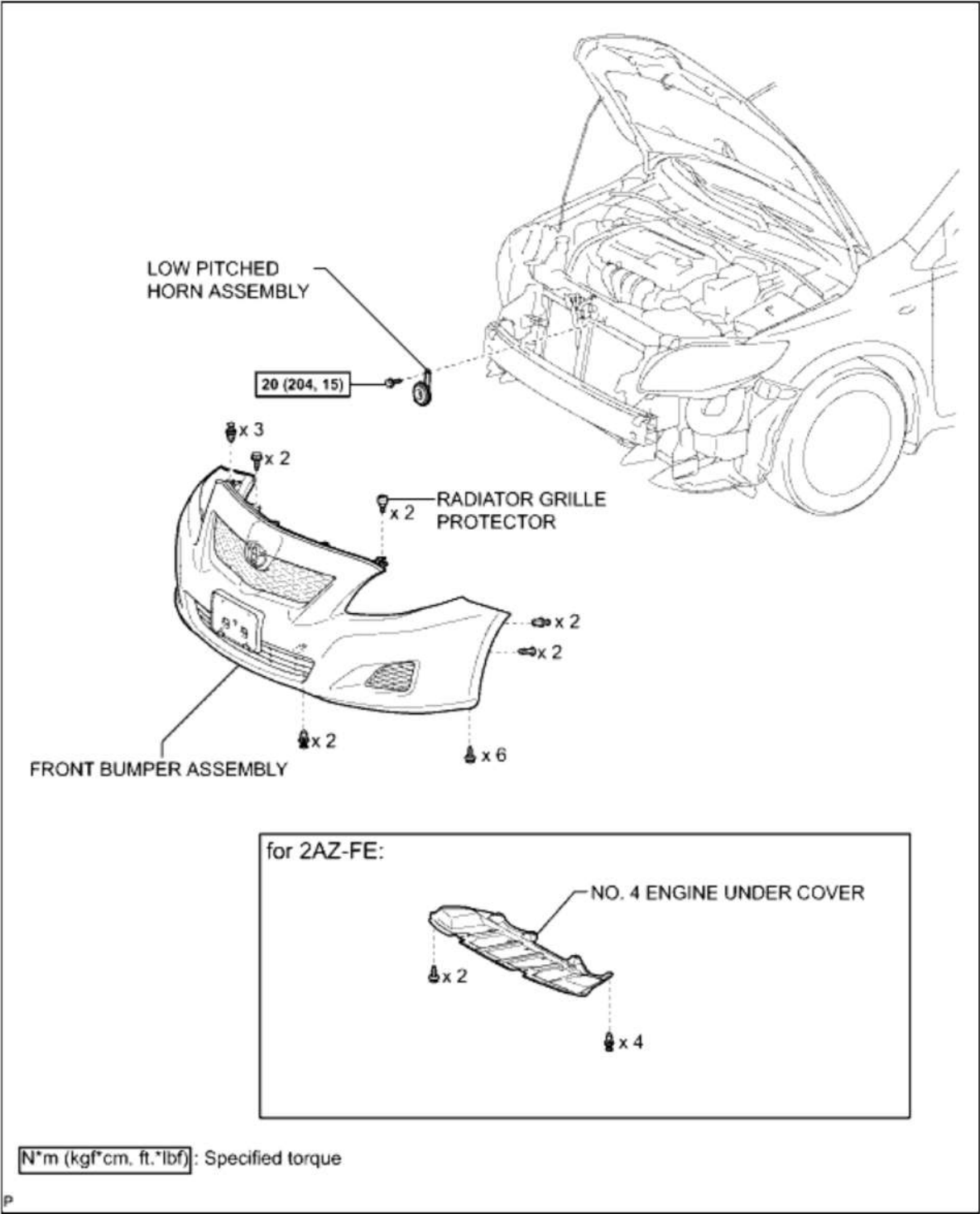
Horn System

SYMPTOM	SUSPECTED AREA	SEE PAGE
Horn does not sound	HORN fuse	-
	Low pitched horn assembly	INFO
	Horn relay (Integration relay)	INFO
	Horn switch (Steering pad assembly)	INFO
	Spiral cable sub-assembly	INFO
	Wire harness	-
Horn blows all the time	Horn relay (Integration relay)	INFO
	Horn switch (Steering pad assembly)	INFO
	Wire harness	-

Last Modified: 3-10-2010	6.4 K	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000003FW1001X
Title: HORN: LOW PITCHED HORN: COMPONENTS (2010 Corolla)		

COMPONENTS

ILLUSTRATION





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Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000003AVJ003X
Title: HORN: LOW PITCHED HORN: REMOVAL (2010 Corolla)		

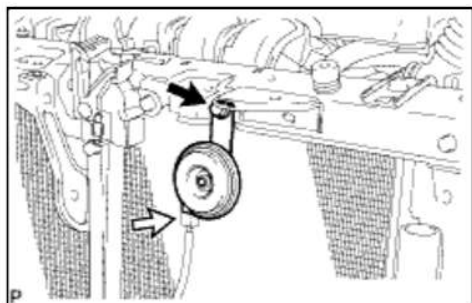
REMOVAL

1. REMOVE RADIATOR GRILLE PROTECTOR [INFO](#)

2. REMOVE NO. 4 ENGINE UNDER COVER (for 2AZ-FE) [INFO](#)

3. REMOVE FRONT BUMPER ASSEMBLY [INFO](#)

4. REMOVE LOW PITCHED HORN ASSEMBLY



(a) Disconnect the connector.

(b) Remove the bolt and low pitched horn assembly.



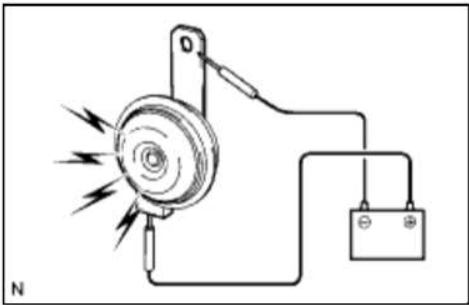
Last Modified: 3-10-2010	6.4 G	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM0000016IL02QX
Title: HORN: LOW PITCHED HORN: INSPECTION (2010 Corolla)		

INSPECTION

1. INSPECT LOW PITCHED HORN ASSEMBLY

(a) Apply battery voltage and check operation of the horn, as shown in the table below.

Standard:



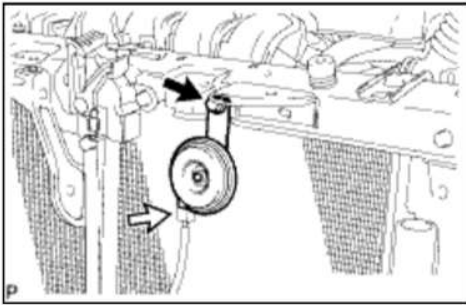
MEASUREMENT CONDITION	SPECIFIED CONDITION
Battery positive (+) → Terminal 1 Battery negative (-) → Body ground	Horn sounds

If the result is not as specified, replace the low pitched horn assembly.

Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000003AVH003X
Title: HORN: LOW PITCHED HORN: INSTALLATION (2010 Corolla)		

INSTALLATION

1. INSTALL LOW PITCHED HORN ASSEMBLY



(a) Install the low pitched horn assembly with the bolt.

Torque: 20 N·m (204 kgf·cm, 15ft·lbf)

(b) Connect the connector.

2. INSTALL FRONT BUMPER ASSEMBLY [INFO](#)

3. INSTALL NO. 4 ENGINE UNDER COVER (for 2AZ-FE) [INFO](#)

4. INSTALL RADIATOR GRILLE PROTECTOR [INFO](#)

5. VEHICLE PREPARATION FOR FOG LIGHT AIMING ADJUSTMENT (w/ Fog Light) [INFO](#)

6. PREPARATION FOR FOG LIGHT AIMING (w/ Fog Light) [INFO](#)

7. FOG LIGHT AIMING INSPECTION (w/ Fog Light) [INFO](#)

8. FOG LIGHT AIMING ADJUSTMENT (w/ Fog Light) [INFO](#)

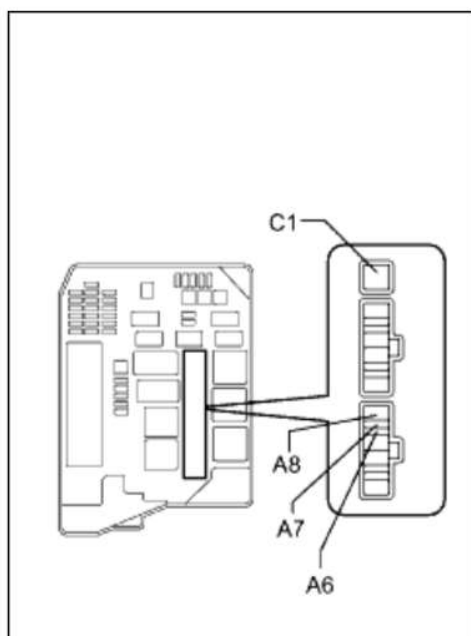


Last Modified: 3-10-2010	6.4 G	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM0000016F701ZX
Title: HORN: RELAY: ON-VEHICLE INSPECTION (2010 Corolla)		

ON-VEHICLE INSPECTION

1. INSPECT INTEGRATION NO.1 RELAY

(a) Remove the integration relay from the engine room relay block.



(b) Measure the resistance according to the value(s) in the table below.

Standard resistance:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
C1 - A8	When battery voltage is not applied to terminals A6 and A7	10 k Ω or higher
C1 - A8	When battery voltage is applied to terminals A6 and A7	Below 1 Ω

If the result is not as specified, replace the integration relay.

