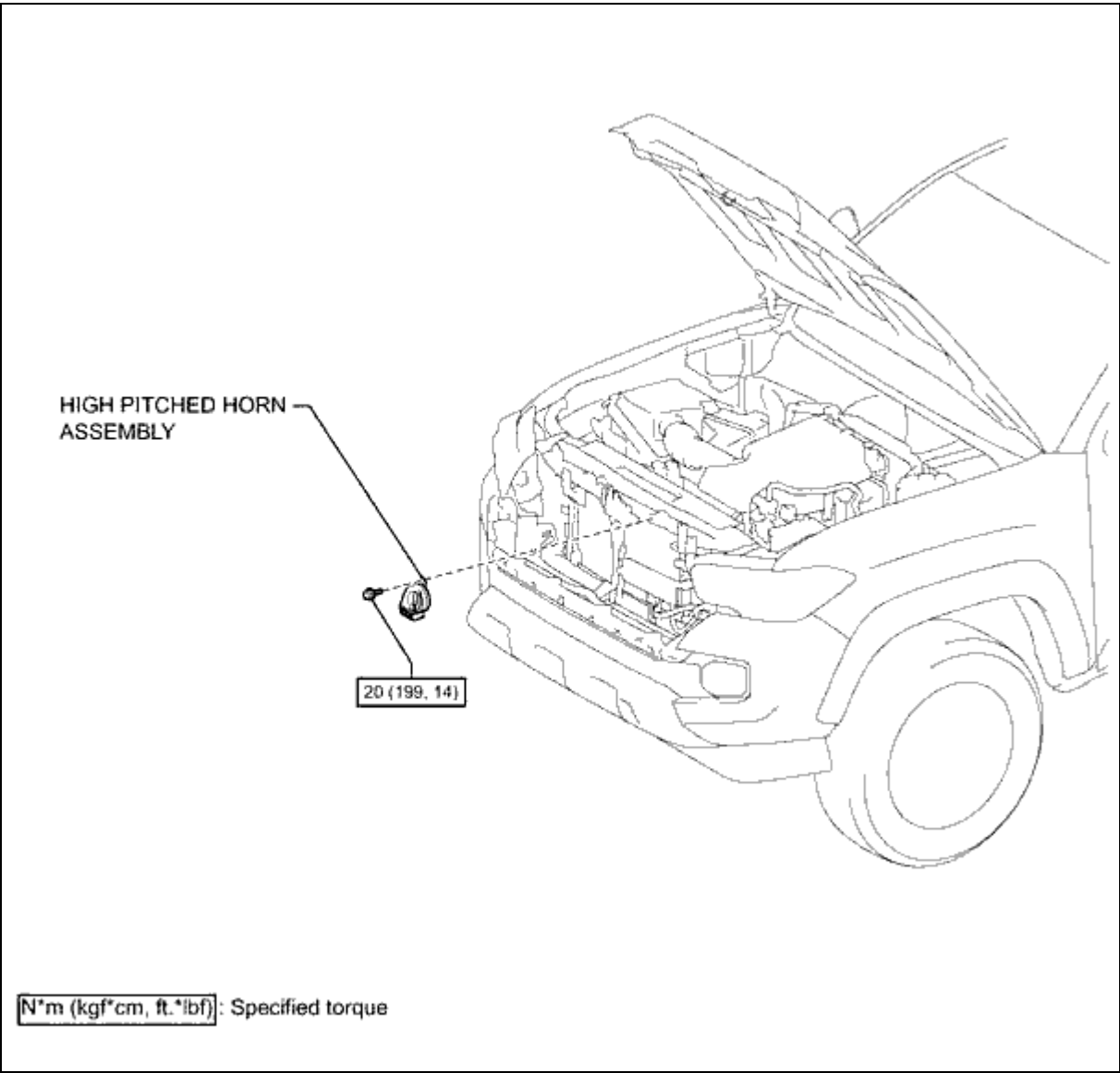


Last Modified: 11-13-2015	6.6 K	Doc ID: RM000005VM3000X
Model Year Start: 2016	Model: Tacoma	Prod Date Range: [08/2015 -]
Title: HORN: HIGH PITCHED HORN: COMPONENTS; 2016 MY Tacoma [08/2015 -]		

COMPONENTS

ILLUSTRATION



Last Modified: 11-13-2015	6.6 G	Doc ID: RM000005VMA000X
Model Year Start: 2016	Model: Tacoma	Prod Date Range: [08/2015 -]
Title: HORN: HIGH PITCHED HORN: INSPECTION; 2016 MY Tacoma [08/2015 -]		

INSPECTION

1. INSPECT HIGH PITCHED HORN ASSEMBLY

(a) Check the operation.

- (1) Apply battery voltage to the terminal 1 and body ground, and check that the high pitched horn assembly sounds.

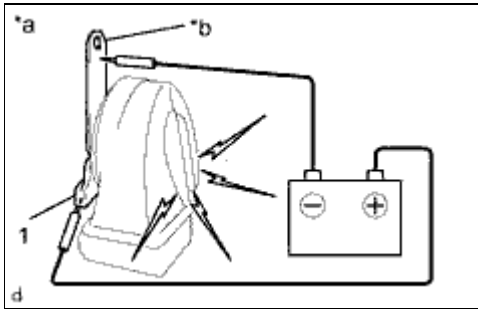
Text in Illustration

*a	Component without harness connected (High Pitched Horn Assembly)
*b	Body Ground

OK:

MEASUREMENT CONDITION	SPECIFIED OPERATION
Battery positive (+) - Terminal 1 Battery negative (-) - Body ground	High pitched horn sounds

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



Last Modified: 11-13-2015	6.6 A	Doc ID: RM000005VM9000X
Model Year Start: 2016	Model: Tacoma	Prod Date Range: [08/2015 -]
Title: HORN: HIGH PITCHED HORN: INSTALLATION; 2016 MY Tacoma [08/2015 -]		

INSTALLATION

1. INSTALL HIGH PITCHED HORN ASSEMBLY

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

Torque:

20 N·m {199 kgf·cm, 14ft·lbf}

(b) Connect the connector.

2. INSTALL RADIATOR GRILLE



Last Modified: 11-13-2015	6.6 A	Doc ID: RM000005VMB000X
Model Year Start: 2016	Model: Tacoma	Prod Date Range: [08/2015 -]
Title: HORN: HIGH PITCHED HORN: REMOVAL; 2016 MY Tacoma [08/2015 -]		

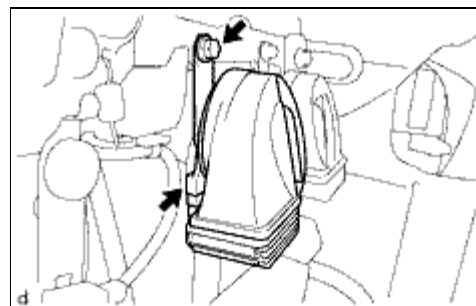
REMOVAL

1. REMOVE RADIATOR GRILLE

INFO

2. REMOVE HIGH PITCHED HORN ASSEMBLY

(a) Disconnect the connector.



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



Last Modified: 11-13-2015	6.6 G	Doc ID: RM000005VM5000X
Model Year Start: 2016	Model: Tacoma	Prod Date Range: [08/2015 -]
Title: HORN: HORN RELAY: ON-VEHICLE INSPECTION; 2016 MY Tacoma [08/2015 -]		

ON-VEHICLE INSPECTION

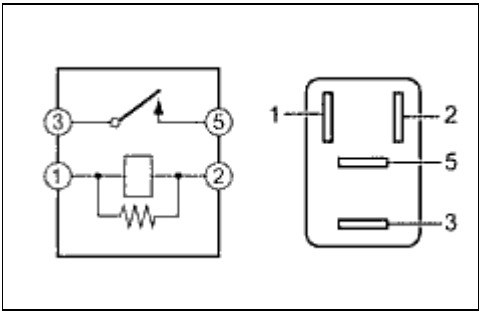
1. INSPECT HORN RELAY ASSEMBLY

(a) Check the resistance.

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

Standard Resistance:

TESTER CONNECTION	CONNECTION	SPECIFIED CONDITION
3 - 5	Battery voltage not applied between terminals 1 and 2	10 kΩ or higher
3 - 5	Battery voltage applied between terminals 1 and 2	Below 1 Ω



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



Last Modified: 11-13-2015	6.6 U	Doc ID: RM000002R5X02ZX
Model Year Start: 2016	Model: Tacoma	Prod Date Range: [08/2015 -]
Title: HORN: HORN SYSTEM: DATA LIST / ACTIVE TEST; 2016 MY Tacoma [08/2015 -]		

DATA LIST / ACTIVE TEST

1. PERFORM ACTIVE TEST

HINT:

Using the Techstream to perform Active Tests allows relays, VSVs, actuators and other items to be operated without removing any parts. This non-intrusive functional inspection can be very useful because intermittent operation may be discovered before parts or wiring is disturbed. Performing Active Tests early in troubleshooting is one way to save diagnostic time. Data List information can be displayed while performing Active Tests.

- (a) Connect the Techstream to the DLC3.
- (b) Turn the ignition switch to ON.
- (c) Turn the Techstream on.
- (d) Enter the following menus: Body Electrical / Main Body / Active Test.
- (e) Perform the Active Test according to the display on the Techstream.

Main Body

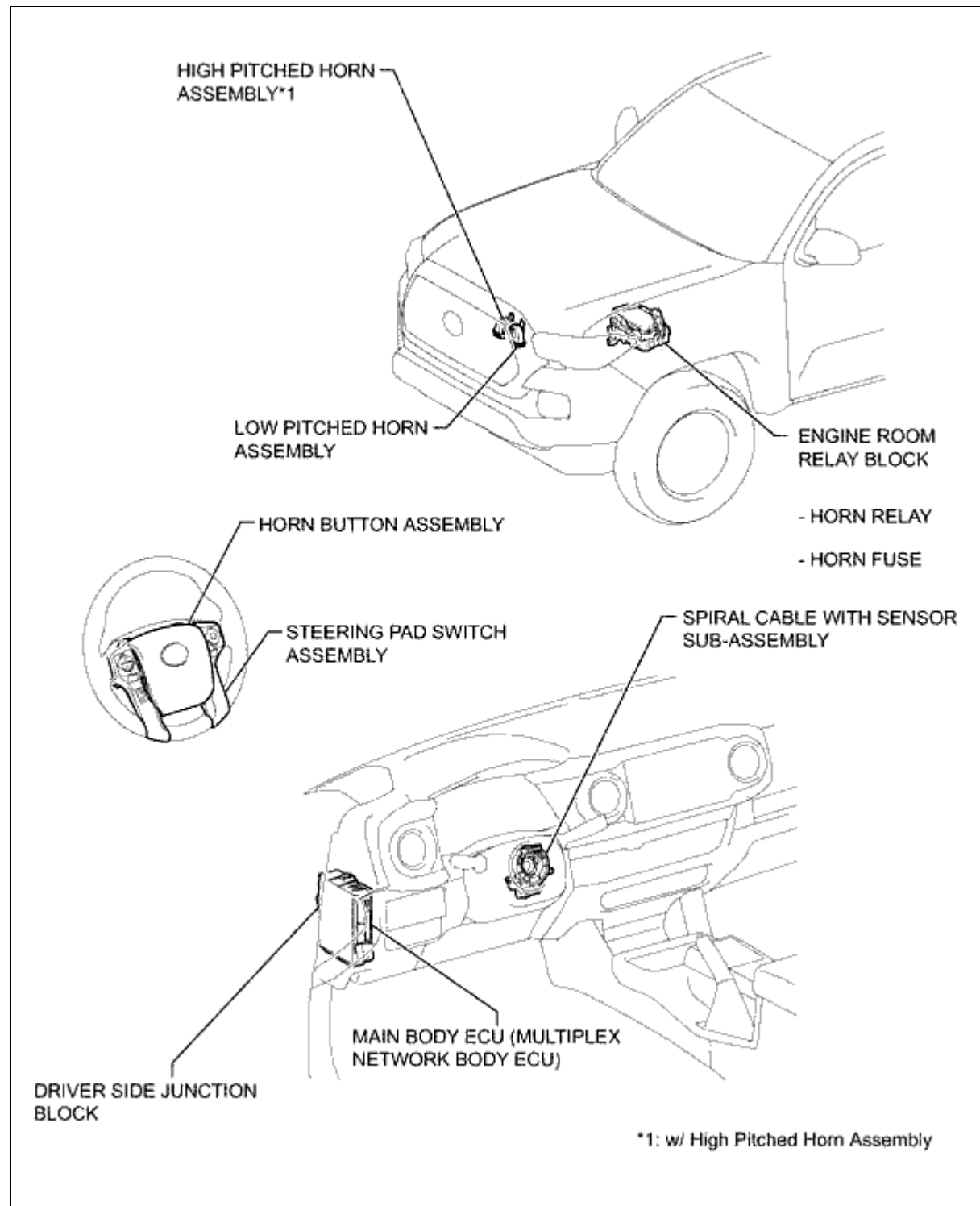
TESTER DISPLAY	TEST PART	CONTROL RANGE	DIAGNOSTIC NOTE
Vehicle Horn	Vehicle horns	ON/OFF	-



Last Modified: 11-13-2015	6.6 R	Doc ID: RM0000016F4072X
Model Year Start: 2016	Model: Tacoma	Prod Date Range: [08/2015 -]
Title: HORN: HORN SYSTEM: PARTS LOCATION; 2016 MY Tacoma [08/2015 -]		

PARTS LOCATION

ILLUSTRATION



Last Modified: 11-13-2015	6.6 L	Doc ID: RM000000PKI08KX
Model Year Start: 2016	Model: Tacoma	Prod Date Range: [08/2015 -]
Title: HORN: HORN SYSTEM: PRECAUTION; 2016 MY Tacoma [08/2015 -]		

PRECAUTION

1. IGNITION SWITCH EXPRESSIONS

(a) The type of ignition switch used on this model differs depending on the specifications of the vehicle. The expressions listed in the table below are used in this section.

EXPRESSION	IGNITION SWITCH (POSITION)	ENGINE SWITCH (CONDITION)
Ignition Switch off	LOCK	Off (Lock)
Ignition Switch ACC	ACC	On (ACC)
Ignition Switch ON	ON	On (IG)
Engine Start	START	Start



Last Modified: 11-13-2015	6.6 T	Doc ID: RM0000016F509XX
Model Year Start: 2016	Model: Tacoma	Prod Date Range: [08/2015 -]
Title: HORN: HORN SYSTEM: PROBLEM SYMPTOMS TABLE; 2016 MY Tacoma [08/2015 -]		

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.

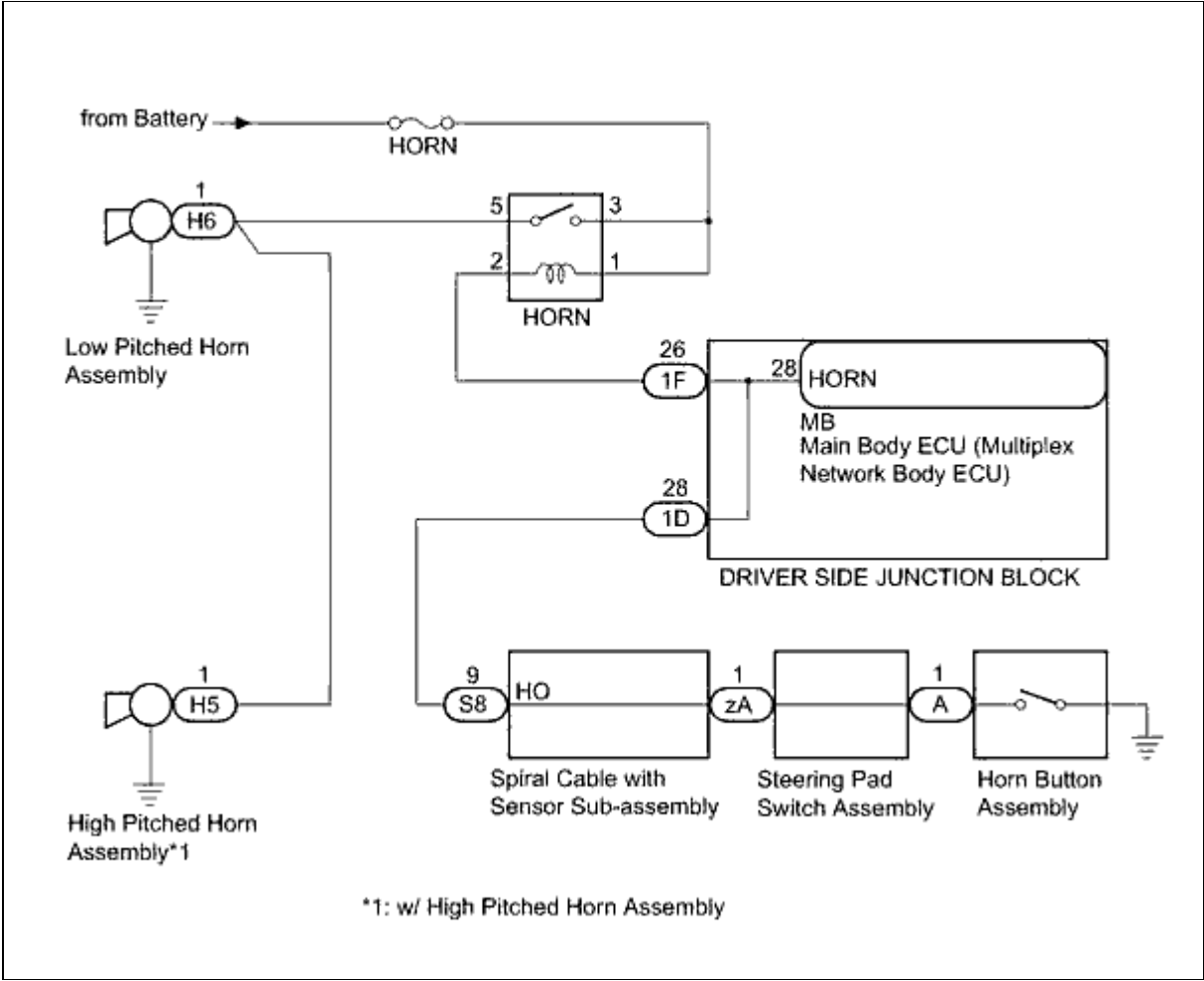
HORN SYSTEM

SYMPTOM	SUSPECTED AREA	SEE PAGE
Horn does not sound	HORN fuse	-
	HORN relay	INFO
	Horn button assembly	-
	Steering pad switch assembly	INFO
	Spiral cable with sensor sub-assembly	INFO
	Driver side junction block	-
	Harness or connector	-
Horn blows all the time	HORN relay	INFO
	Horn button assembly	-
	Steering pad switch assembly	INFO
	Spiral cable with sensor sub-assembly	INFO
	Driver side junction block	-
	Main body ECU (Multiplex network body ECU)	-
	Harness or connector	-



Last Modified: 11-13-2015	6.6 U	Doc ID: RM0000016F607JX
Model Year Start: 2016	Model: Tacoma	Prod Date Range: [08/2015 -]
Title: HORN: HORN SYSTEM: SYSTEM DIAGRAM; 2016 MY Tacoma [08/2015 -]		

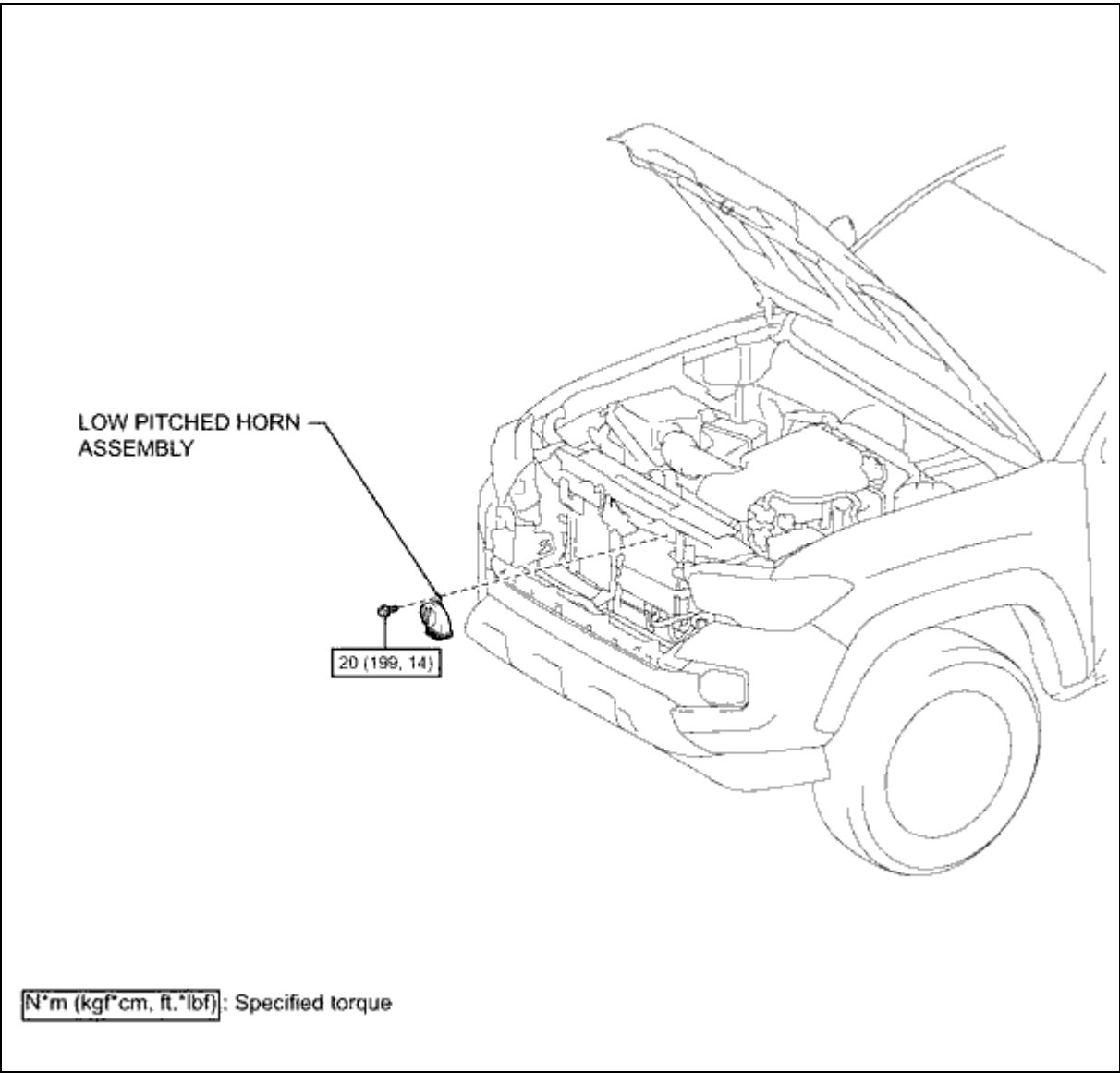
SYSTEM DIAGRAM



Last Modified: 11-13-2015	6.6 K	Doc ID: RM000005VLZ000X
Model Year Start: 2016	Model: Tacoma	Prod Date Range: [08/2015 -]
Title: HORN: LOW PITCHED HORN: COMPONENTS; 2016 MY Tacoma [08/2015 -]		

COMPONENTS

ILLUSTRATION



Last Modified: 11-13-2015	6.6 G	Doc ID: RM000005VLY000X
Model Year Start: 2016	Model: Tacoma	Prod Date Range: [08/2015 -]
Title: HORN: LOW PITCHED HORN: INSPECTION; 2016 MY Tacoma [08/2015 -]		

INSPECTION

1. INSPECT LOW PITCHED HORN ASSEMBLY

- (a) Check the operation.
 - (1) Apply battery voltage to the terminal 1 and body ground, and check that the low pitched horn sounds.

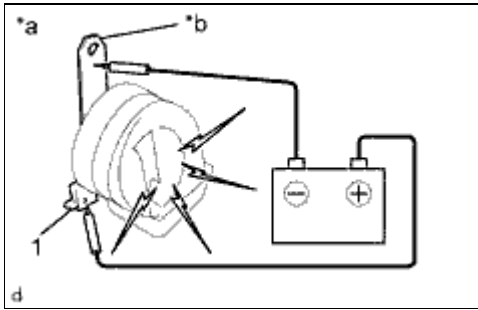
Text in Illustration

*a	Component without harness connected (Low Pitched Horn Assembly)
*b	Body Ground

OK:

MEASUREMENT CONDITION	SPECIFIED OPERATION
Battery positive (+) - Terminal 1	Low pitched horn sounds
Battery negative (-) - Body ground	

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



Last Modified: 11-13-2015	6.6 A	Doc ID: RM000005VLX000X
Model Year Start: 2016	Model: Tacoma	Prod Date Range: [08/2015 -]
Title: HORN: LOW PITCHED HORN: INSTALLATION; 2016 MY Tacoma [08/2015 -]		

INSTALLATION

1. INSTALL LOW PITCHED HORN ASSEMBLY

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

Torque:

20 N·m {199 kgf·cm, 14ft·lbf}

- (b) Connect the connector.

2. INSTALL RADIATOR GRILLE



Last Modified: 11-13-2015	6.6 A	Doc ID: RM000005VM0000X
Model Year Start: 2016	Model: Tacoma	Prod Date Range: [08/2015 -]
Title: HORN: LOW PITCHED HORN: REMOVAL; 2016 MY Tacoma [08/2015 -]		

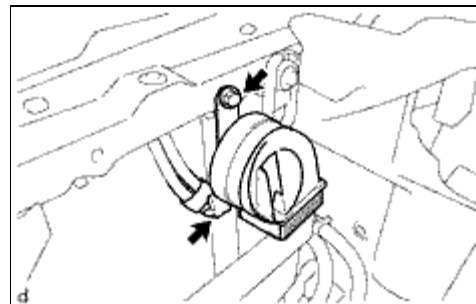
REMOVAL

1. REMOVE RADIATOR GRILLE

INFO

2. REMOVE LOW PITCHED HORN ASSEMBLY

(a) Disconnect the connector.



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

