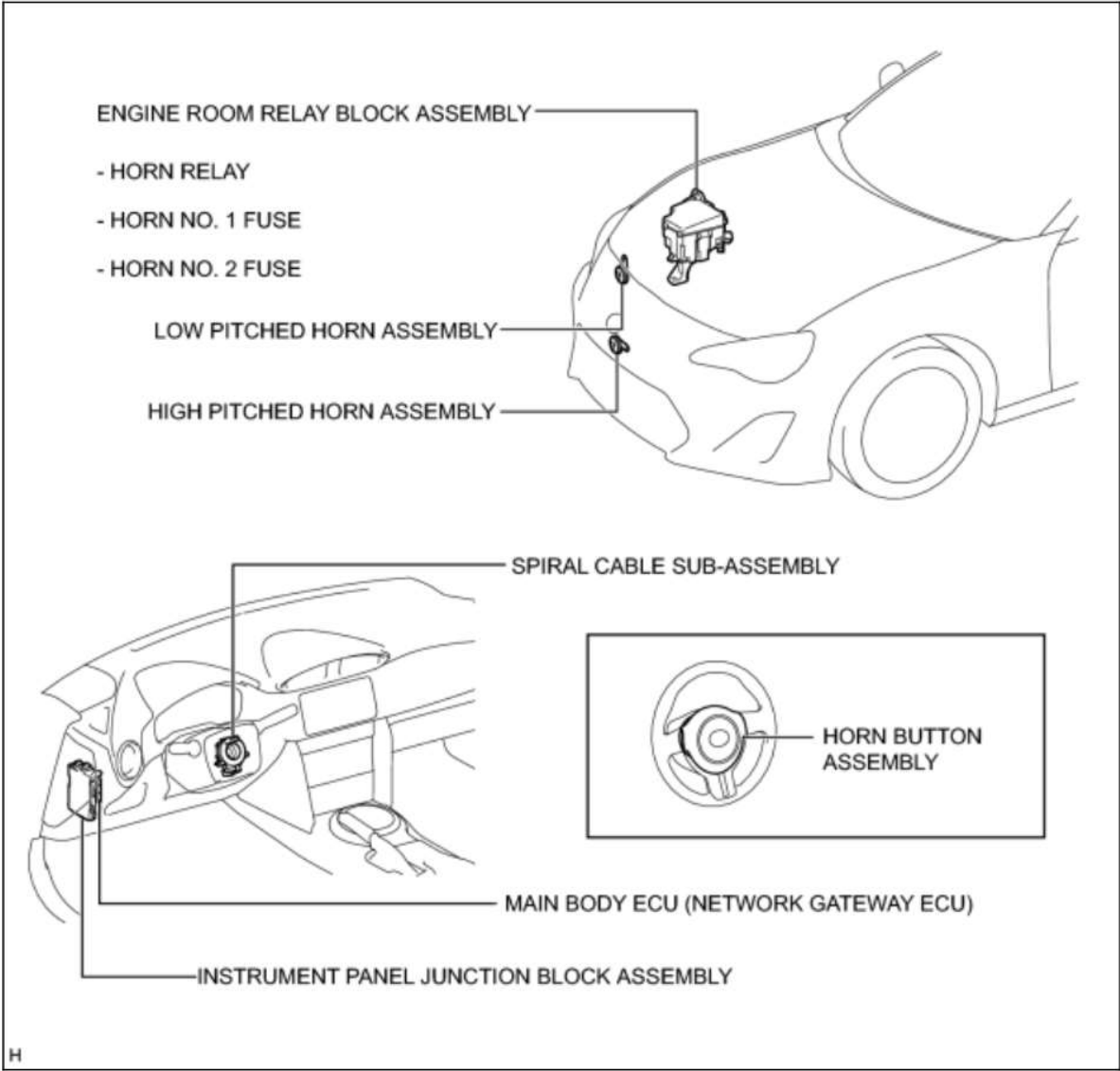


Last Modified: 3-27-2012	6.4 R	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM0000016F404LX
Title: HORN: HORN SYSTEM: PARTS LOCATION (2013 FR-S)		

PARTS LOCATION

ILLUSTRATION



Last Modified: 3-27-2012	6.4 T	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM0000016F506PX
Title: HORN: HORN SYSTEM: PROBLEM SYMPTOMS TABLE (2013 FR-S)		

PROBLEM SYMPTOMS TABLE

HORN SYSTEM

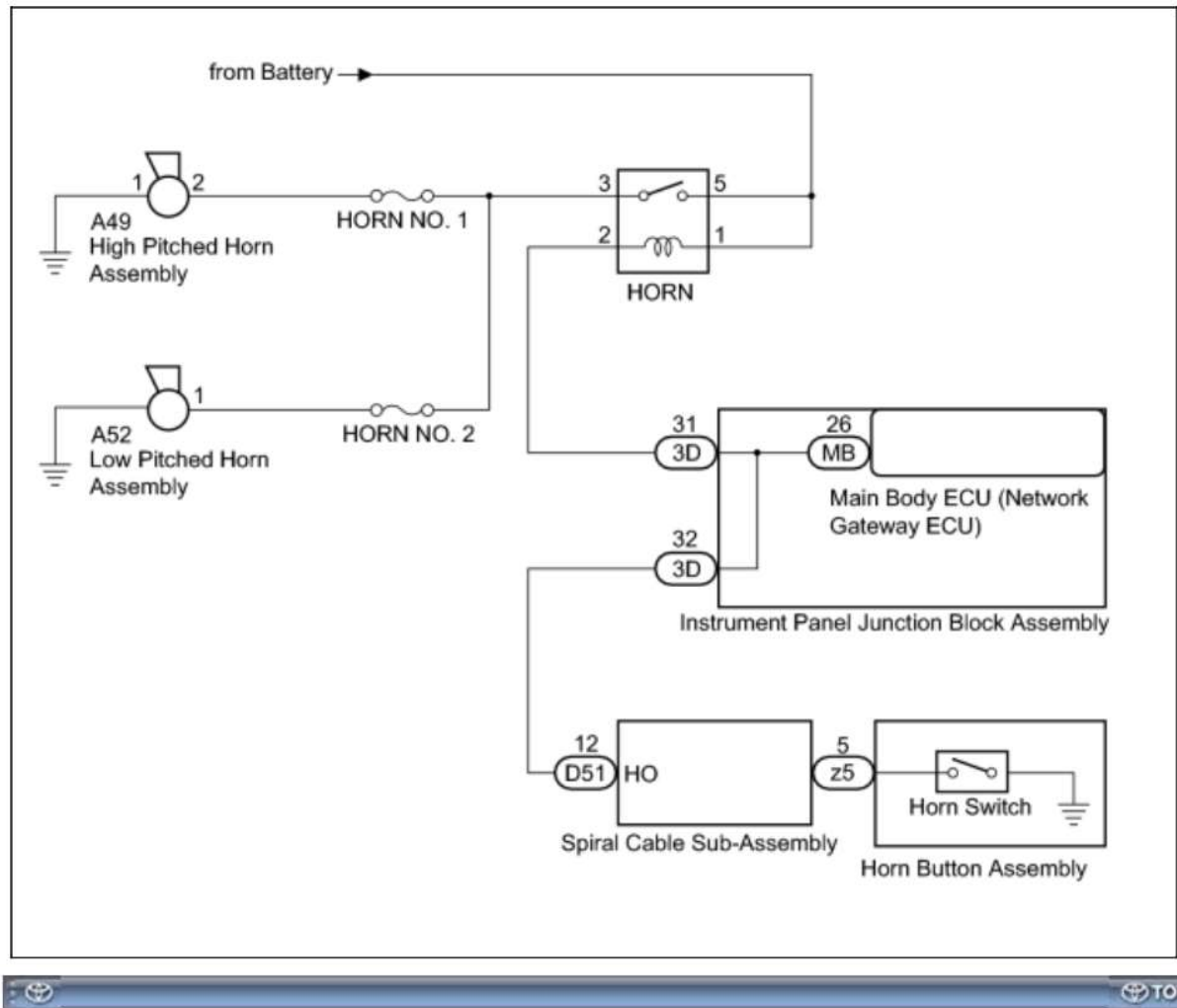
SYMPTOM	SUSPECTED AREA	SEE PAGE
Horn does not sound	HORN NO. 1 fuse	-
	HORN NO. 2 fuse	-
	HORN relay	-
	Horn button assembly	-
	Spiral cable sub-assembly	INFO
	Wire harness	-
Horn blows all the time	HORN relay	-
	Horn button assembly	-
	Wire harness	-
Low pitched horn operates but high pitched horn does not operate	High pitched horn assembly	INFO
	Wire harness	-
High pitched horn operates but low pitched horn does not operate	Low pitched horn assembly	INFO
	Wire harness	-



TOYOTA

Last Modified: 3-27-2012	6.4 U	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM0000016F6040X
Title: HORN: HORN SYSTEM: SYSTEM DIAGRAM (2013 FR-S)		

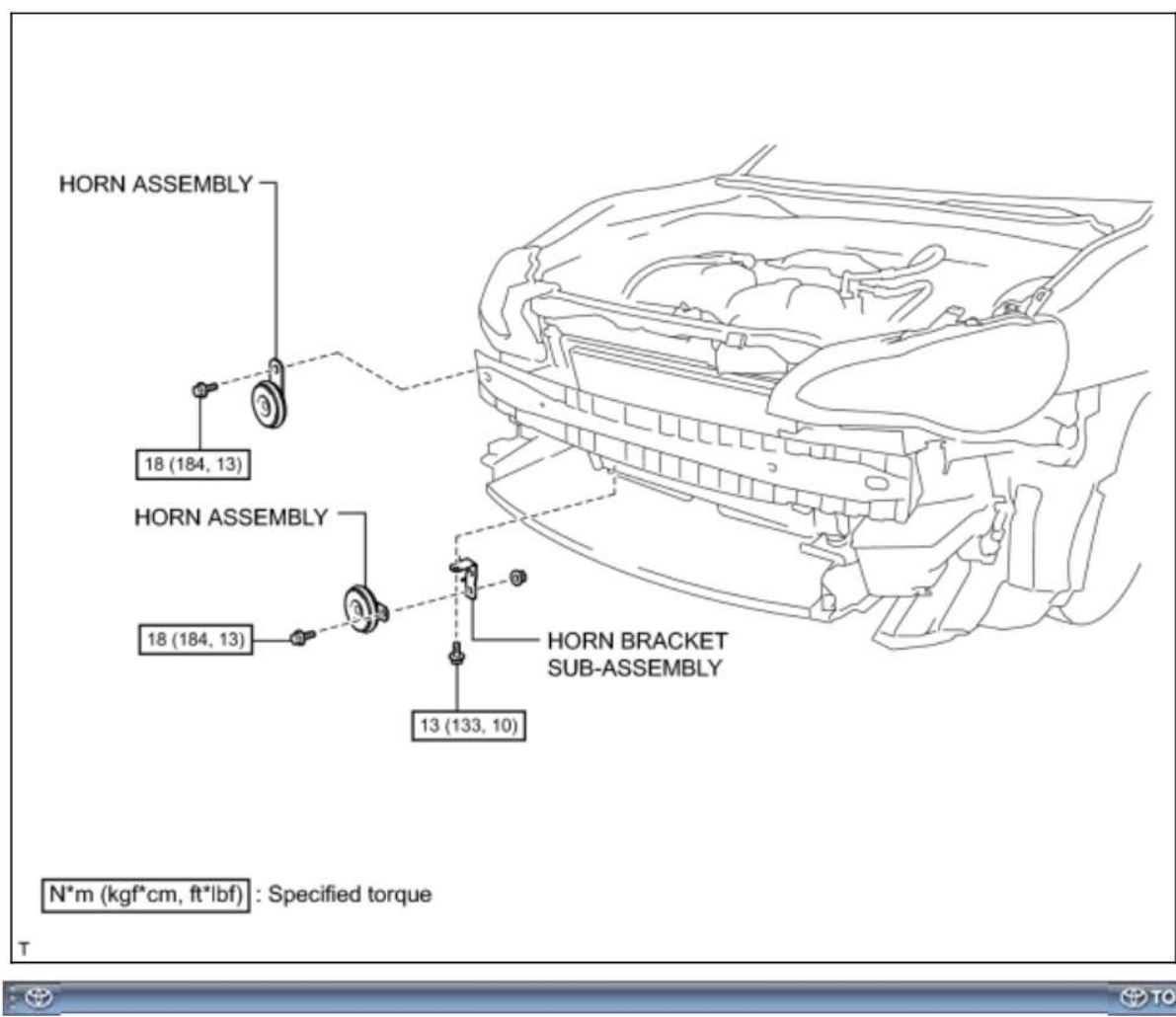
SYSTEM DIAGRAM



Last Modified: 3-27-2012	6.4 K	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM00000455Y00IX
Title: HORN: HORN: COMPONENTS (2013 FR-S)		

COMPONENTS

ILLUSTRATION



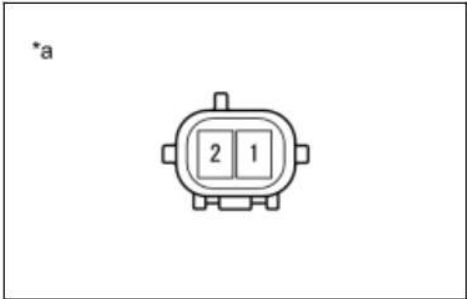
Last Modified: 3-27-2012	6.4 G	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM00000455V00VX
Title: HORN: HORN: INSPECTION (2013 FR-S)		

INSPECTION

1. INSPECT HIGH PITCHED HORN ASSEMBLY

(a) Apply battery voltage and check the operation of the horn according to the table below.

OK:



MEASUREMENT CONDITION	SPECIFIED CONDITION
Battery positive (+) → Terminal 1 Battery negative (-) → Terminal 2	High pitched horn sounds

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

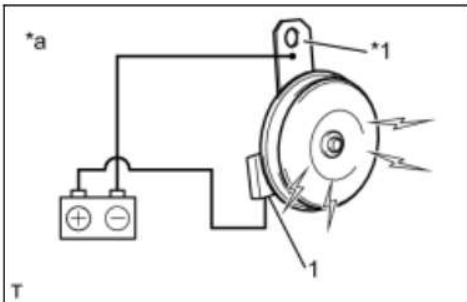
Text in Illustration

*a	Component without harness connected (High Pitched Horn Assembly)
----	---

2. INSPECT LOW PITCHED HORN ASSEMBLY

(a) Check that the low pitched horn sounds when the battery voltage is applied between the terminal and the bracket.

OK:



MEASUREMENT CONDITION	SPECIFIED CONDITION
Battery positive (+) → Terminal 1 Battery negative (-) → Horn bracket	Low pitched horn sounds

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

Text in Illustration

*1	Bracket
*a	Component without harness connected (Low Pitched Horn Assembly)

Last Modified: 3-27-2012	6.4 A	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM00000455U00KX
Title: HORN: HORN: INSTALLATION (2013 FR-S)		

INSTALLATION

1. INSTALL LOW PITCHED HORN ASSEMBLY

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

Torque: 18 N·m (184 kgf·cm, 13ft·lbf)

- (b) Connect the connector.

2. INSTALL HORN BRACKET SUB-ASSEMBLY

- (a) Install the horn bracket sub-assembly with the bolt and nut.

Torque: 13 N·m (133 kgf·cm, 10ft·lbf)

3. INSTALL HIGH PITCHED HORN ASSEMBLY

- (a) Install the bolt and high pitched horn assembly with horn bracket sub-assembly.

Torque: 18 N·m (184 kgf·cm, 13ft·lbf)

- (b) Connect the connector.

4. INSTALL FRONT BUMPER COVER

INFO



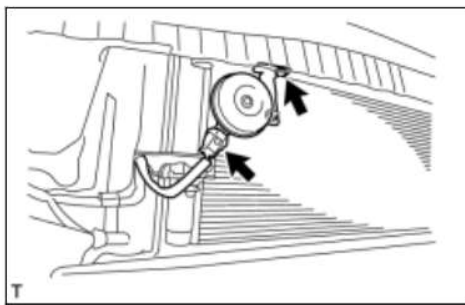
Last Modified: 3-27-2012	6.4 A	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM00000455W00KX
Title: HORN: HORN: REMOVAL (2013 FR-S)		

REMOVAL

1. REMOVE FRONT BUMPER COVER

INFO

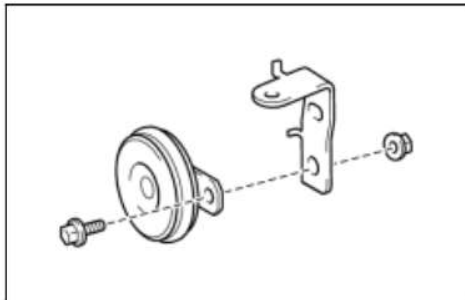
2. REMOVE HIGH PITCHED HORN ASSEMBLY



(a) Disconnect the connector.

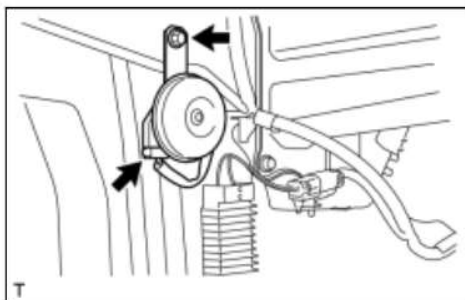
(b) Remove the bolt, and the high pitched horn assembly with horn bracket sub-assembly.

3. REMOVE HORN BRACKET SUB-ASSEMBLY



(a) Remove the bolt and nut, and the horn bracket sub-assembly.

4. REMOVE LOW PITCHED HORN ASSEMBLY



(a) Disconnect the connector.

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

