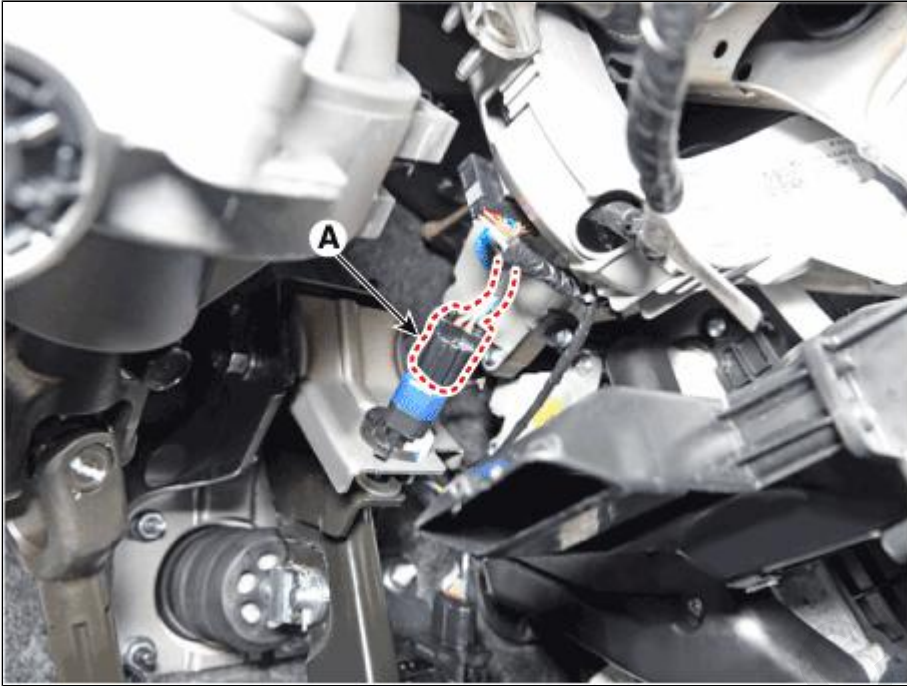
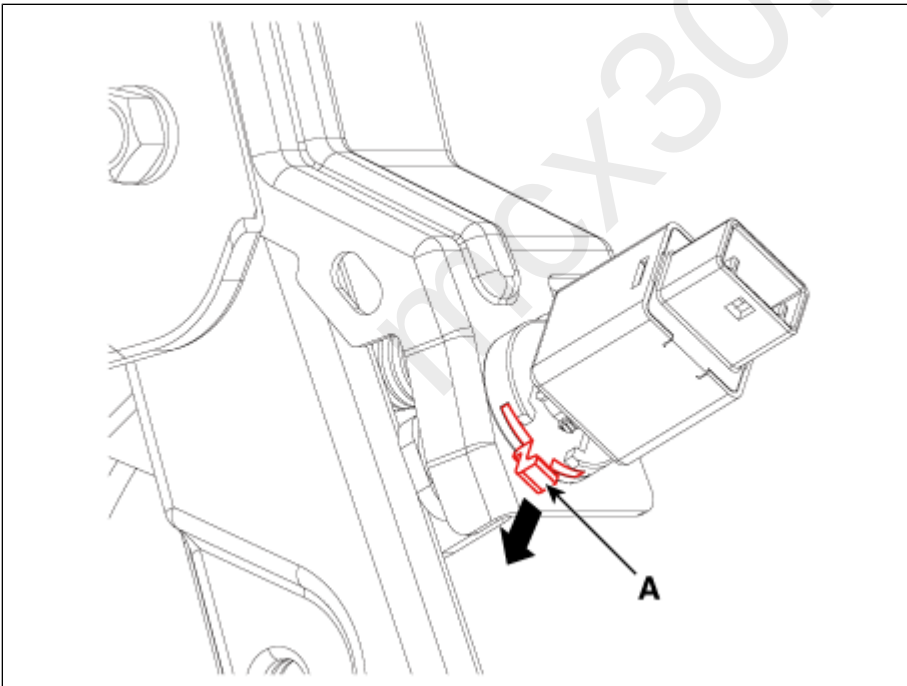


Removal

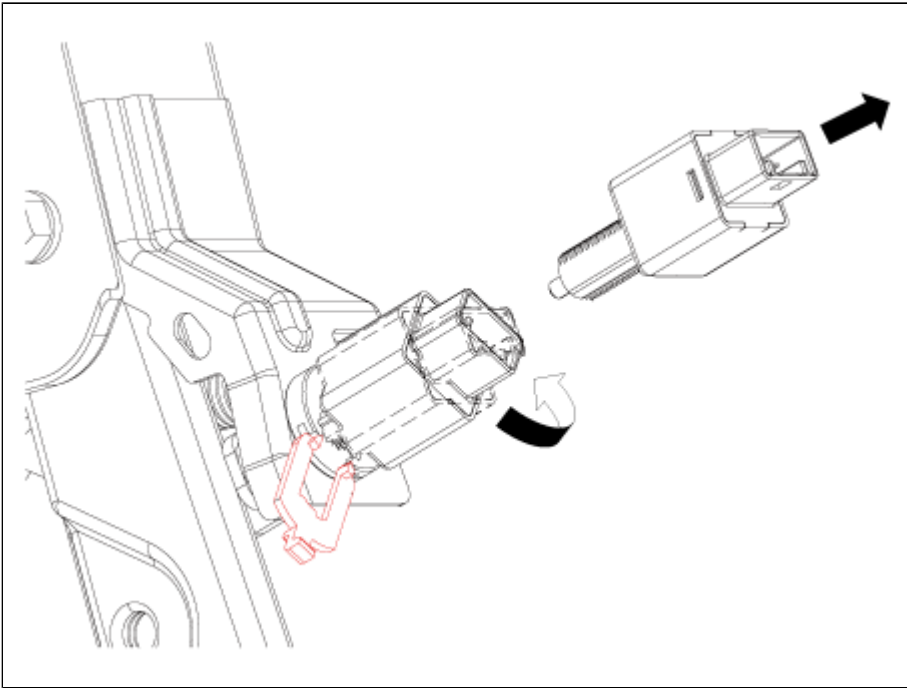
1. Turn the fuel cell system power button off and then wait for at least 3 minutes. Disconnect the auxiliary 12V battery negative (+) connector.
2. Remove the crash pad lower panel.
(Refer to Body - "Crash Pad Lower Panel")
3. Disconnect the stop lamp switch connector (A).



4. Pull the locking plate (A) as indicated by the arrow.



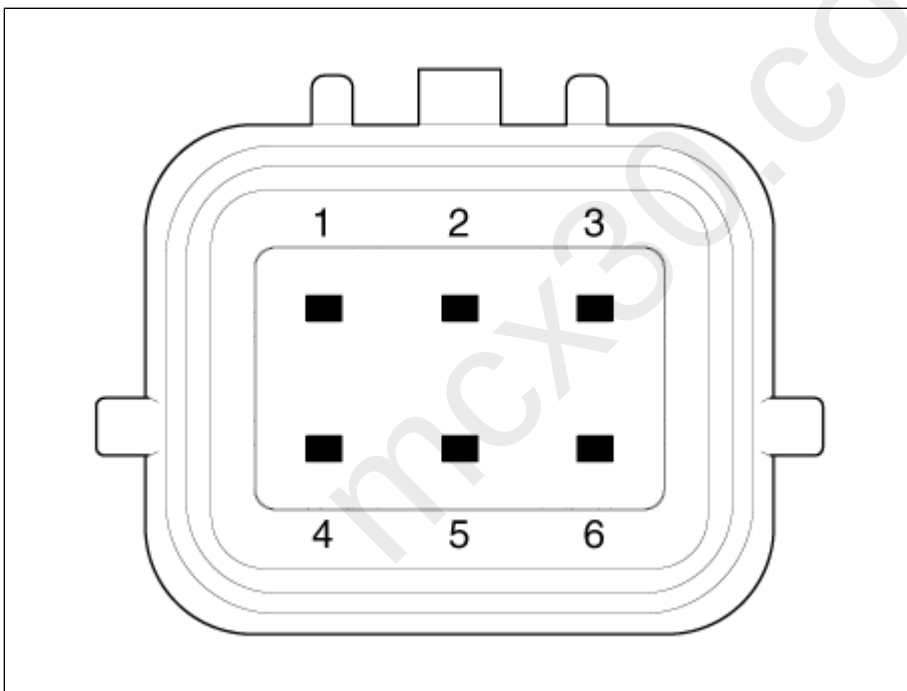
5. Turn stop lamp switch 45° counterclockwise and remove it.



6. Inspect a removed stop lamp switch along the below procedures.

(1) Confirm a normal connection with terminal part

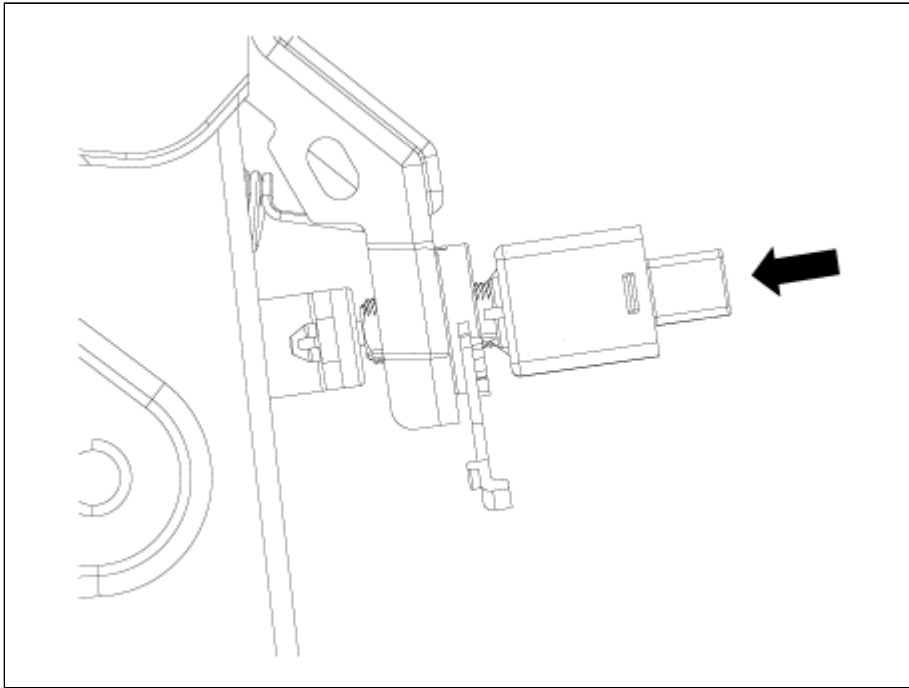
â A confirmation can be made to see if the connector has been secured properly and if a connection mark is present.



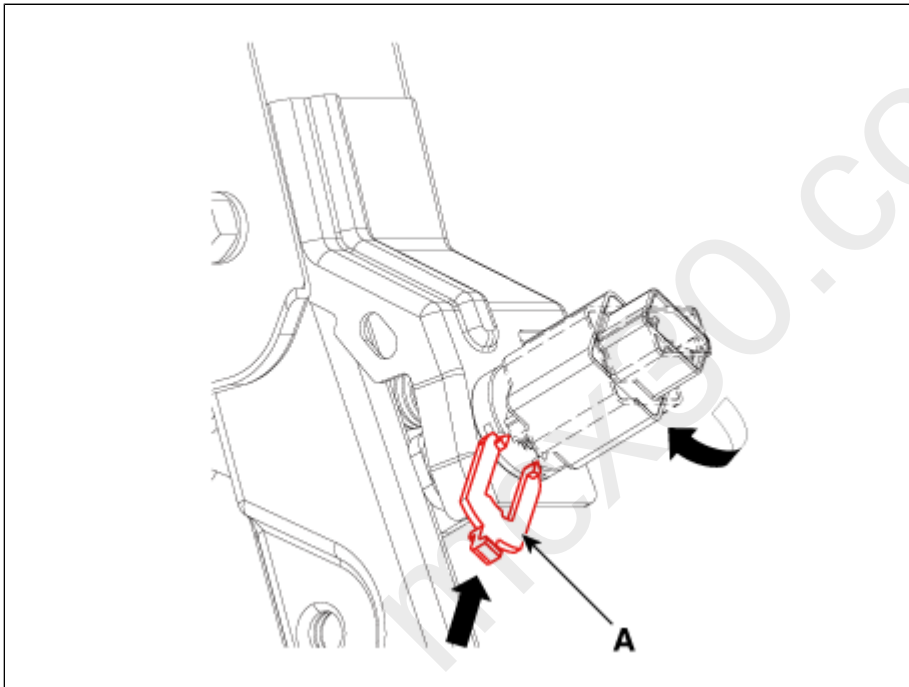
(2) Perform the inspection of parts resistance.

Installation

1. Fix the brake pedal arm and insert fully the brake switch so that the contact part is invisible.

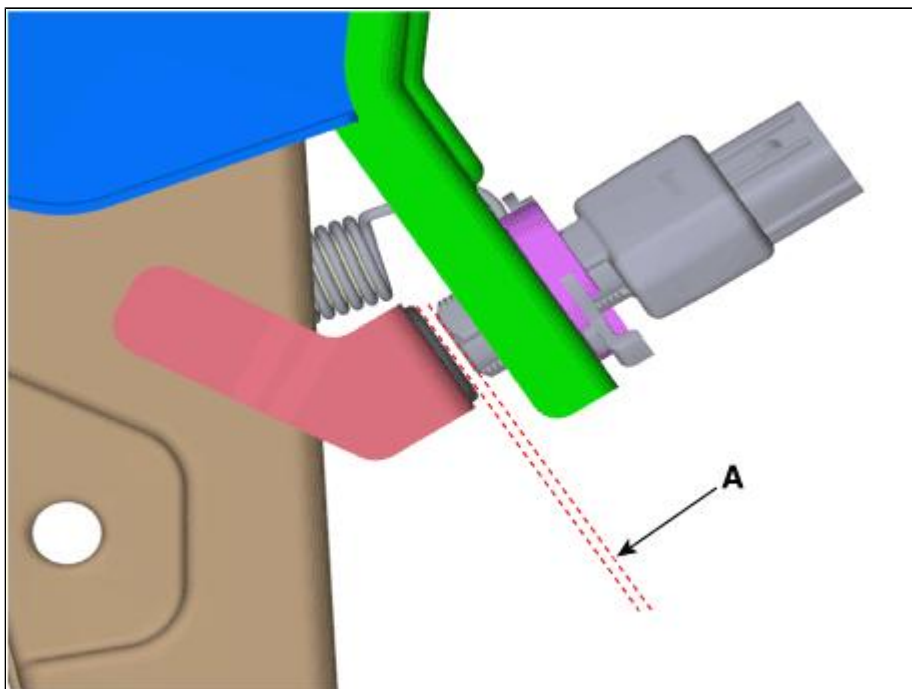


2. After inserting, turn the brake switch 45° counterclockwise, and then assemble locking plate (A) by pushing.



3. Confirm the gap between stop lamp switch and bracket.

Stop lamp clearance (A) :
1.0 - 2.0 mm (0.04 - 0.08 in)



NOTICE

â If the gap between stop lamp switch and bracket is not between 1.0 - 2.0 mm (0.04 - 0.08 in), check the ϕ mounting clip and other parts around the stop lamp.

4. Connect the stop lamp switch connector (A).

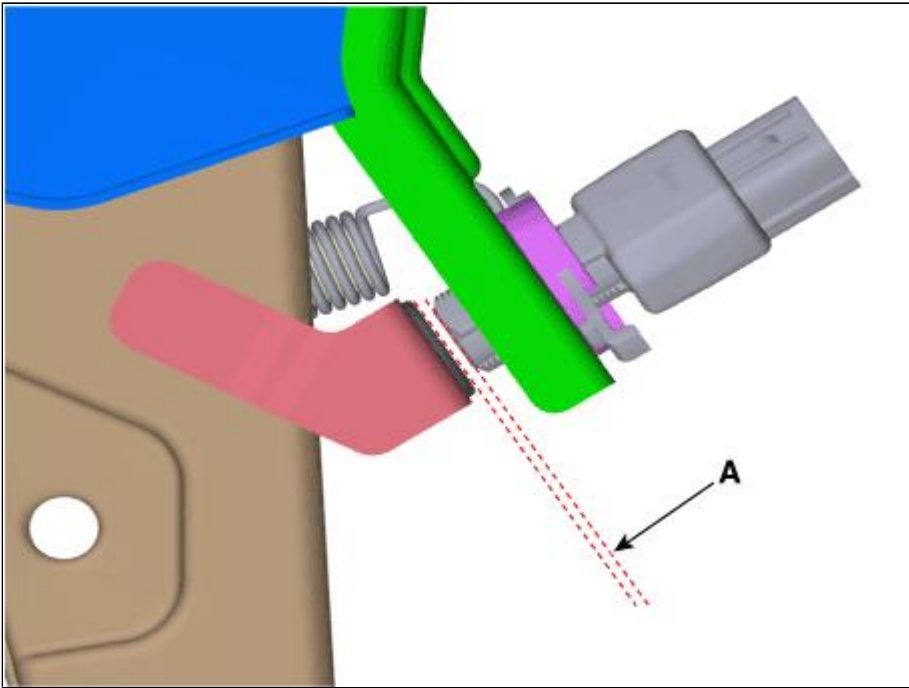


5. Install the crash pad lower panel.
(Refer to Body - "Crash Pad Lower Panel")

Adjustment

1. Turn the fuel cell system power button off and then wait for at least 3 minutes. Disconnect the auxiliary 12V battery negative (+) connector.
2. Remove the crash pad lower panel.
(Refer to Body - "Crash Pad Lower Panel")
3. Confirm the gap between stop lamp switch and bracket.

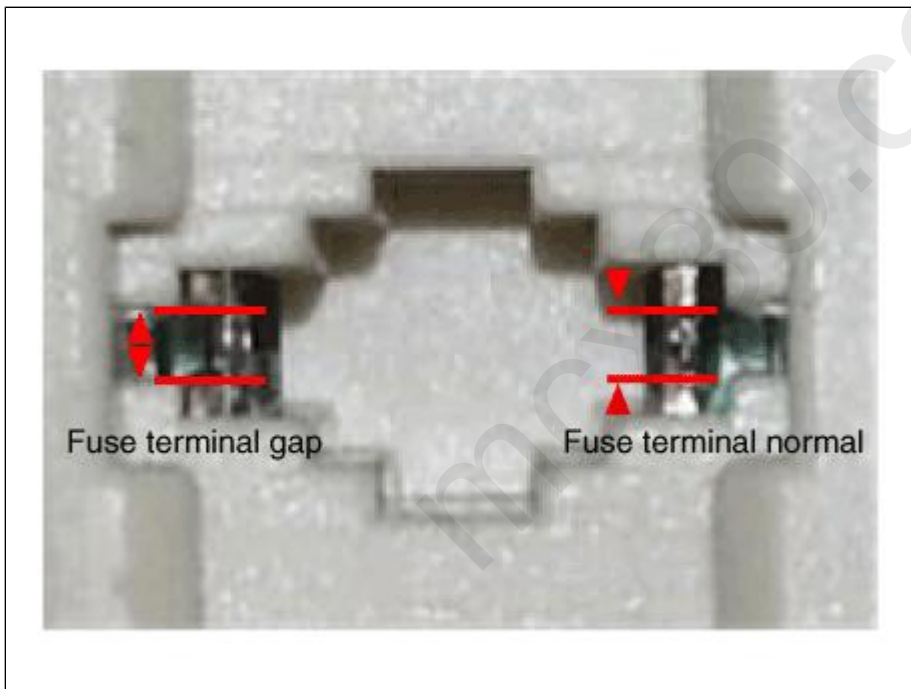
Stop lamp clearance : 1.0 - 2.0 mm (0.04 - 0.08 in)

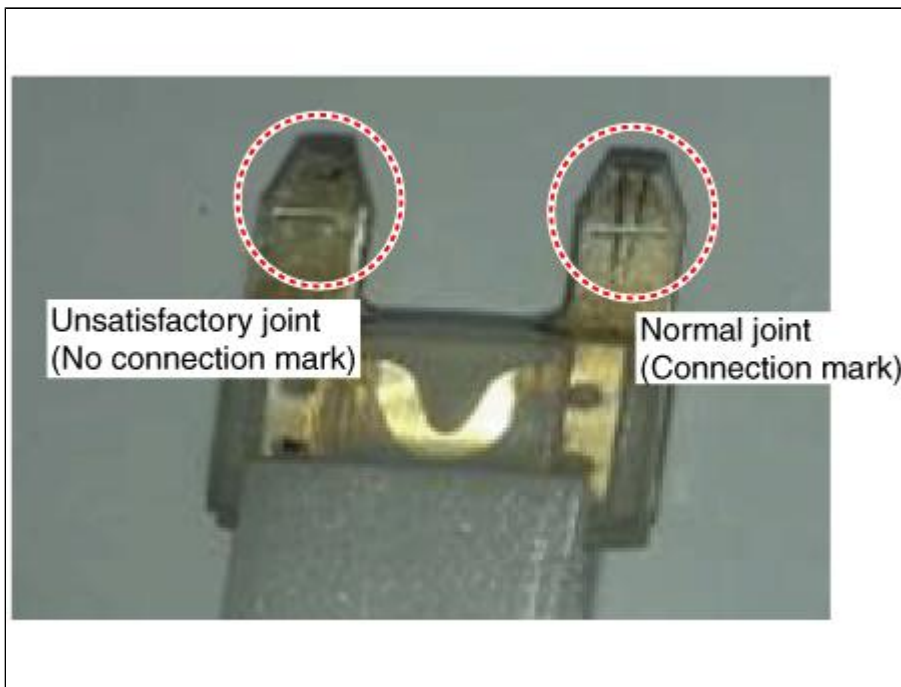


Inspection

1. Fuse Inspection

Mount the test fuse to the switch fuse and relay fuse part to confirm a normal joint fit.



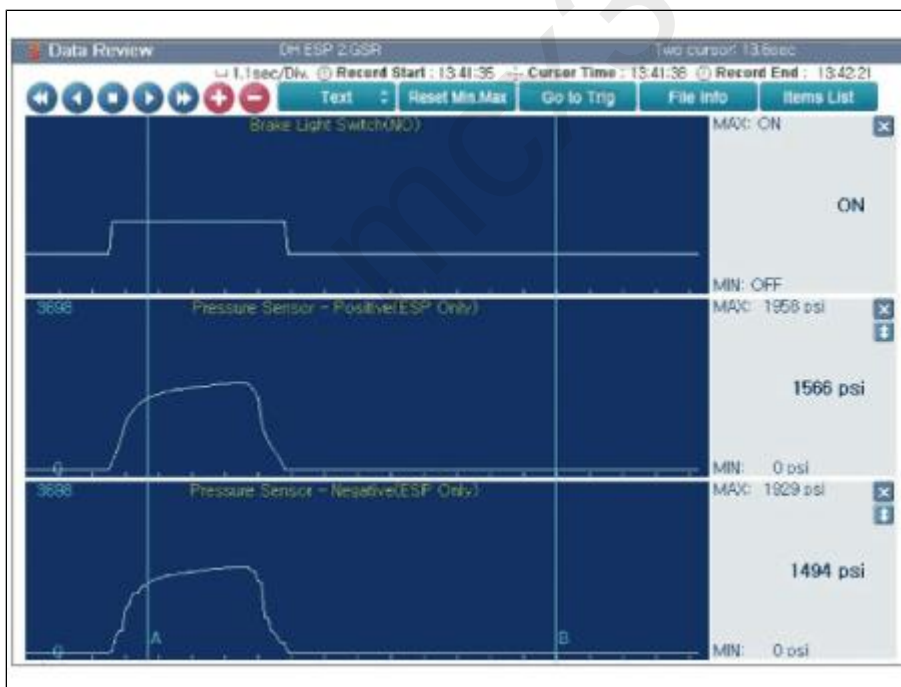


2. Self-diagnosis data Analysis

1. Analyze self-diagnosis data and confirm if there is anything wrong with the stop lamp switch.

- (1) Connect the self-diagnosis to the self-diagnosis connector.
- (2) Turn the spark switch on
- (3) Step on the brake pedal.
- (4) Inspect the "brake switch" category that displays the "sensor data" self-diagnosis.

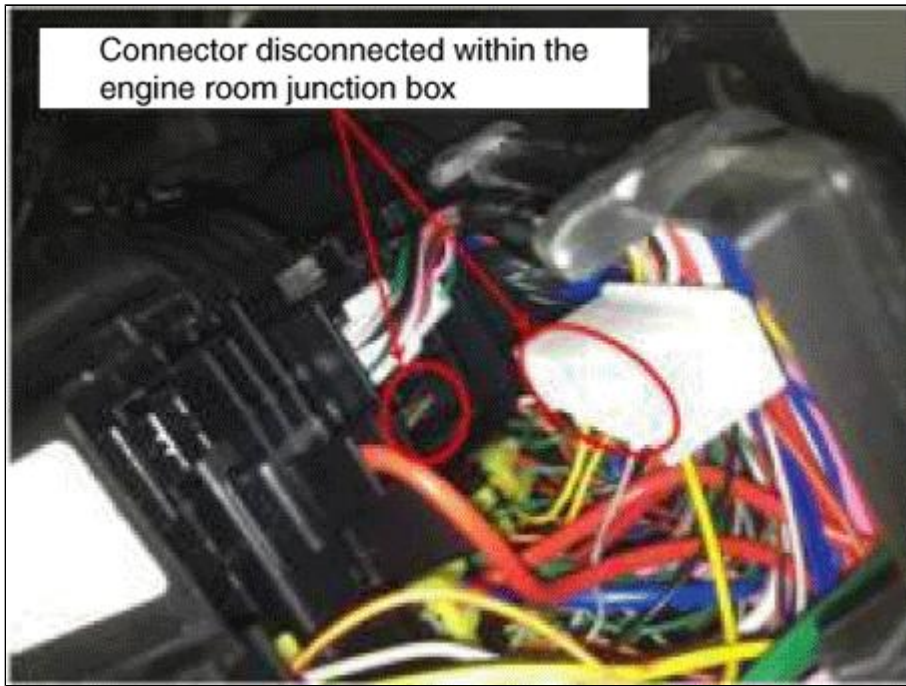
Normal waveform : The pressure sensor signal value will change according to the brake ON/OFF switch.



3. Inspection Of Connector By Each Part

Check to see whether or not each connector has been damaged, or terminal surge, or incomplete connection has taken place

[Engine Room Junction Box]



[ABS/VDC Control Module]



4. Inspect The Stop Lamp Circuit
Connect probe to each terminal wire and confirm oscilloscope waveform.
[Stop Lamp Switch Input / Output]



[Oscilloscope Waveform Screen]



Please rate the above contents on a scale of 1 to 5.

Little Value	1	2	3	4	5	Excellent Value
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