

Group:	Service Manual Update
Bulletin No.:	SB-15-002
Issue Date:	1/9/2015

SERVICE INFORMATION BULLETIN

**Subject: CORRECTION OF WORKSHOP MANUAL FOR 2013 - 2015MY
(REVISION OF TROUBLESHOOTING PROCEDURE FOR THE DTC P2123)**

The following is to inform you of the above caption. This service data should be attached to the relevant pages of the workshop manuals for maintenance and to use for servicing.

RELEVANT MODEL:

HINO 155, 195, 155h, 195h, 238, 258, 268, 338, 358

CONTENTS:

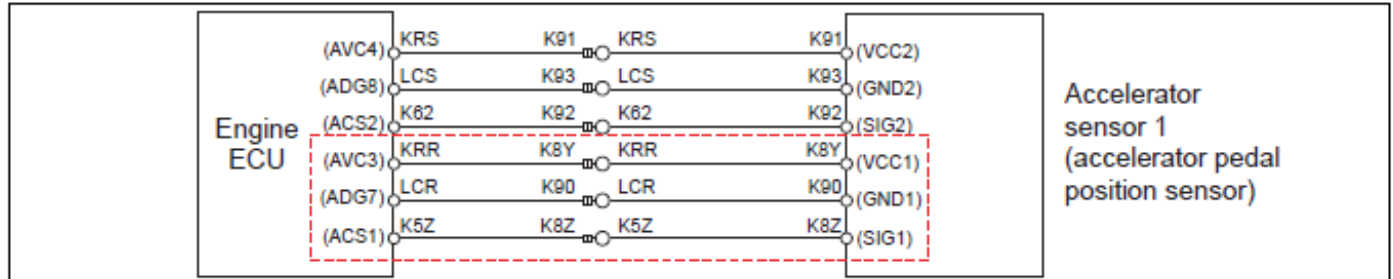
Troubleshooting information and Inspection procedure of the DTC/ P2123 were revised.

RELEVANT MANUALS:

MODEL	MANUAL No.	CHAPTER	DTC
USA 2013MY	S7-LXJE01D	ENGINE/TROUBLESHOOTING	P2123
USA 2014MY	S7-LXJE03C	ENGINE/TROUBLESHOOTING	
USA 2015MY	S7-LXJE05A	ENGINE/TROUBLESHOOTING	
USA 2013MY	S7-UNAE09B	ENGINE/CONTROL SYSTEM	
USA 2014MY	S7-UNAE10D	ENGINE/CONTROL SYSTEM	
USA 2015MY	S7-UNAE11A	ENGINE/CONTROL SYSTEM	

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P2123: Accelerator pedal position sensor 1 - out of range (Out of range high) INFORMATION



SAPH16FD10300787

1. Technical description

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<Description of malfunction>

- The accelerator sensor 1 cannot correctly sense.

2. DTC set condition

(1) Check conditions

- Starter switch ON.
- Battery voltage is in the range of 10 V to 16 V.

(2) Judgement criteria

- Accelerator sensor 1 (accelerator pedal position sensor) voltage ≥ 4.1 V (147 %)
- Failure timer ≥ 1 second

3. Reset condition

- Immediately after normal operation is restored.

4. Indication, warning or system control regulation when the DTC is set.

- MIL: ON
- SVS light: OFF
- Cruise control function is not available.

5. Symptoms on the vehicle when the DTC is set

<Symptoms on the vehicle due to backup control (fail safe function)>

- Cruise control does not work.

<Symptoms on the vehicle due to malfunction>

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6. Pre-inspection work

- Check that the battery voltage is in the normal range.

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7. After-inspection work

- Clear all past DTCs.
- Check that no DTC is stored after test drive.

8. Estimated failure factors

- Harness disconnection or short-circuit
- Malfunction of sensor 1
- Malfunction of engine ECU

ADD

- The engine ECU was destroyed because the accelerator sensor circuit for the body build was connected incorrectly during the body build (during body build when the vehicle was new).