SERVICE MANUAL

E385C

Hino Diesel Engine

Supplement to Service Manual 84527569A

Print No. 84532047A

NEW HOLLAND CONSTRUCTION

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ENGINE

(HINO DIESEL ENGINE J08E-UV)

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1 GENERAL

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Starting and Charging

Special tool

JP300020300010000

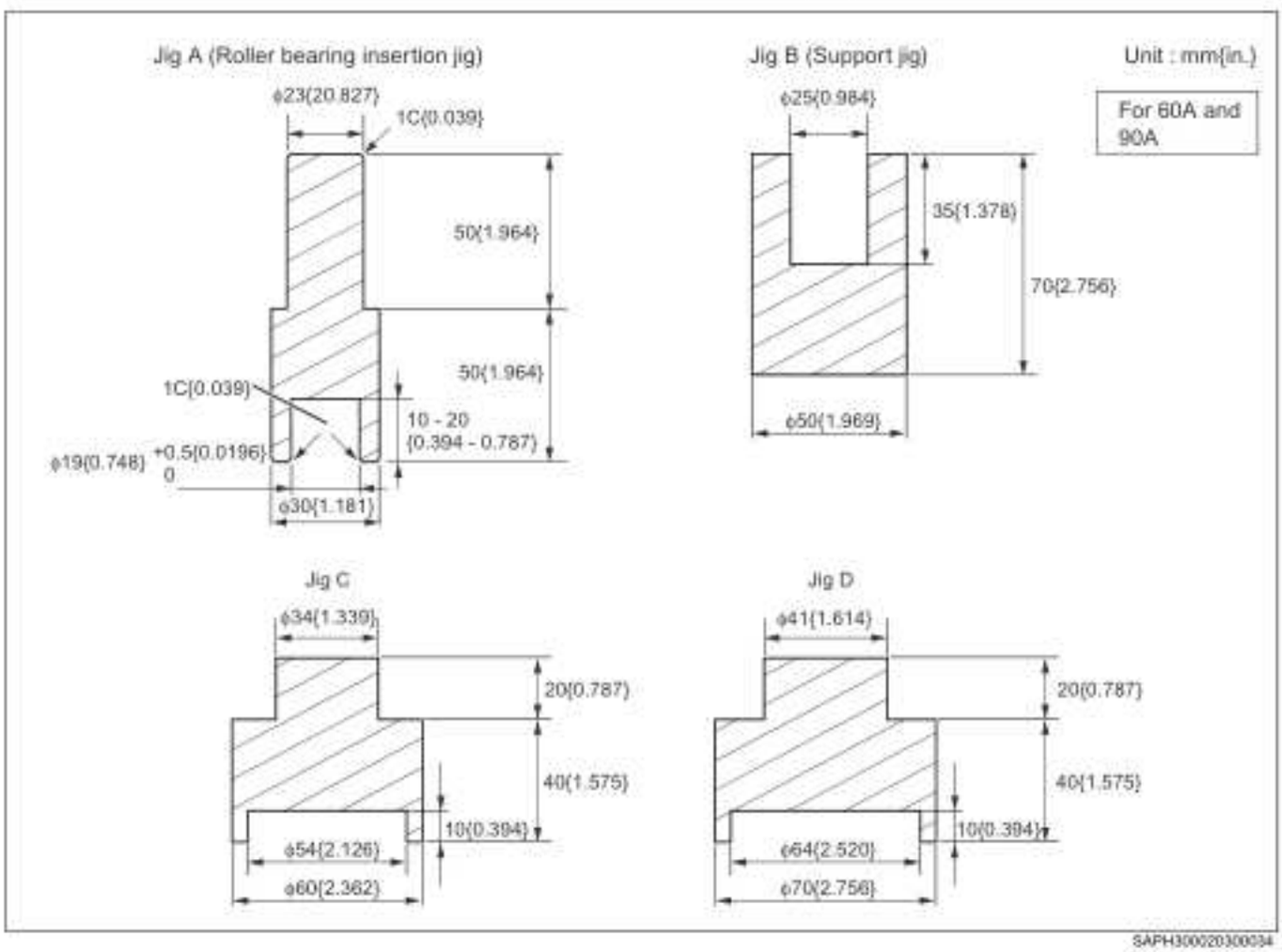
Alternator

Shape	Part No.	Name	Remark
	380100042	Compression gauge	For V–belt tension adjustment
	380100043	Belt tension gauge	For V–belt tension adjustment

Jig (reference dimensional drawing for manufacture)

JP300020300010000

This is used for assembly of bearing. Reference dimensions are shown in the figures below:



SAPH300020300034

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DTC code P0652 [5]

/ECU sensor supply 2 failure (low)

JP91ZCE1709D1035

1	INSPECTION ITEM

1. Fuel rail pressure sensor (sub) connector, Differential pressure sensor connector, P.T.O. accelerator sensor connector by removing each of one, P0652 fault code disappears things check.

NOTICE

- **When sensor power supply 2 fails, the trouble code of P1198, P1428 occurs other than a trouble code of P0652.**

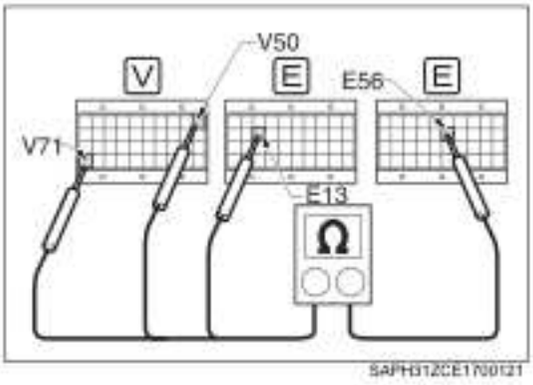
NG → Proceed to 2

OK

Faulty sensor fault code disappears when remove

2	MEASURE THE CONTINUITY BETWEEN TERMINALS

1. Set the starter switch to "LOCK" position.
2. Connect the signal check harness.
3. Disconnect the connector on the engine sub harness side.
4. Measure the resistance between the terminals AVC1 (E13), AVC3 (V50), AVC5 (V71) and AGD1 (E56).



SAPH91ZCE1700121

Terminal to measure the resistance	
+ Side	- Side
E33	E56
E50	
V71	

Standard value: ∞ Ω

NG → Faulty harness

OK

Fault in engine ECU

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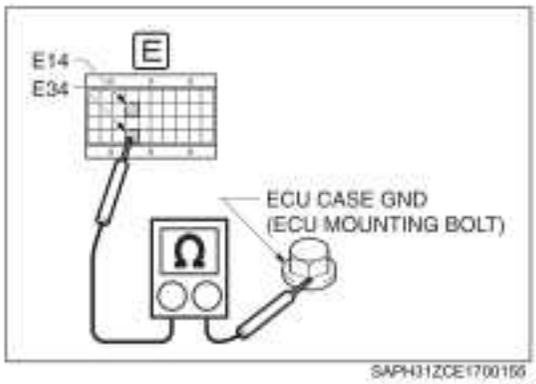
DTC code P1211 [68]

/Fuel injector driver circuit 1 - circuit (Circuit low)

JP31ZCE170501044

1	MEASURING RESISTANCE BETWEEN TERMINALS

1. Set the starter switch to "LOCK" and connect the signal check harness.
2. Disconnect the signal check harness connector on the engine ECU side.
3. Measure the resistance between the terminals of ECU connector.



SAPH31ZCE1700155

+ Side	- Side
IJ1+ (E14)	ECU case GND
I1+S (E34)	

Standard value: ∞ Ω

NG → Proceed to (3)

OK

2	CHECK OF FAILURE CODE

1. Turn the starter switch to "LOCK" position.
   Reconnect all the connectors.
2. Start the engine and erase the DTC.



SAPH31ZCE1700156

3. If the same DTC is displayed, replace ECU. If no DTC is displayed, a temporary failure would have occurred.

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