SEBM015115

SHOP MANUAL

KOMATSU®

HD325-6
HD405-6

MACHINE MODEL	SERIAL NUMBER
HD325-6 (2WD)	**5680 and up**
HD325-6W (4WD)	**5706 and up**
HD405-6	**1055 and up**

- This shop manual may contain attachments and optional equipment that are not available in your area. Please consult your local Komatsu distributor for those items you may require.
  Materials and specifications are subject to change without notice.

- HD325-6, HD405-6 mounts the SAA6D140E-2 or SAA6D140E-3 engine.
  For details of the engine, see the 6D140-2 or 140-3 Series Engine Shop Manual.

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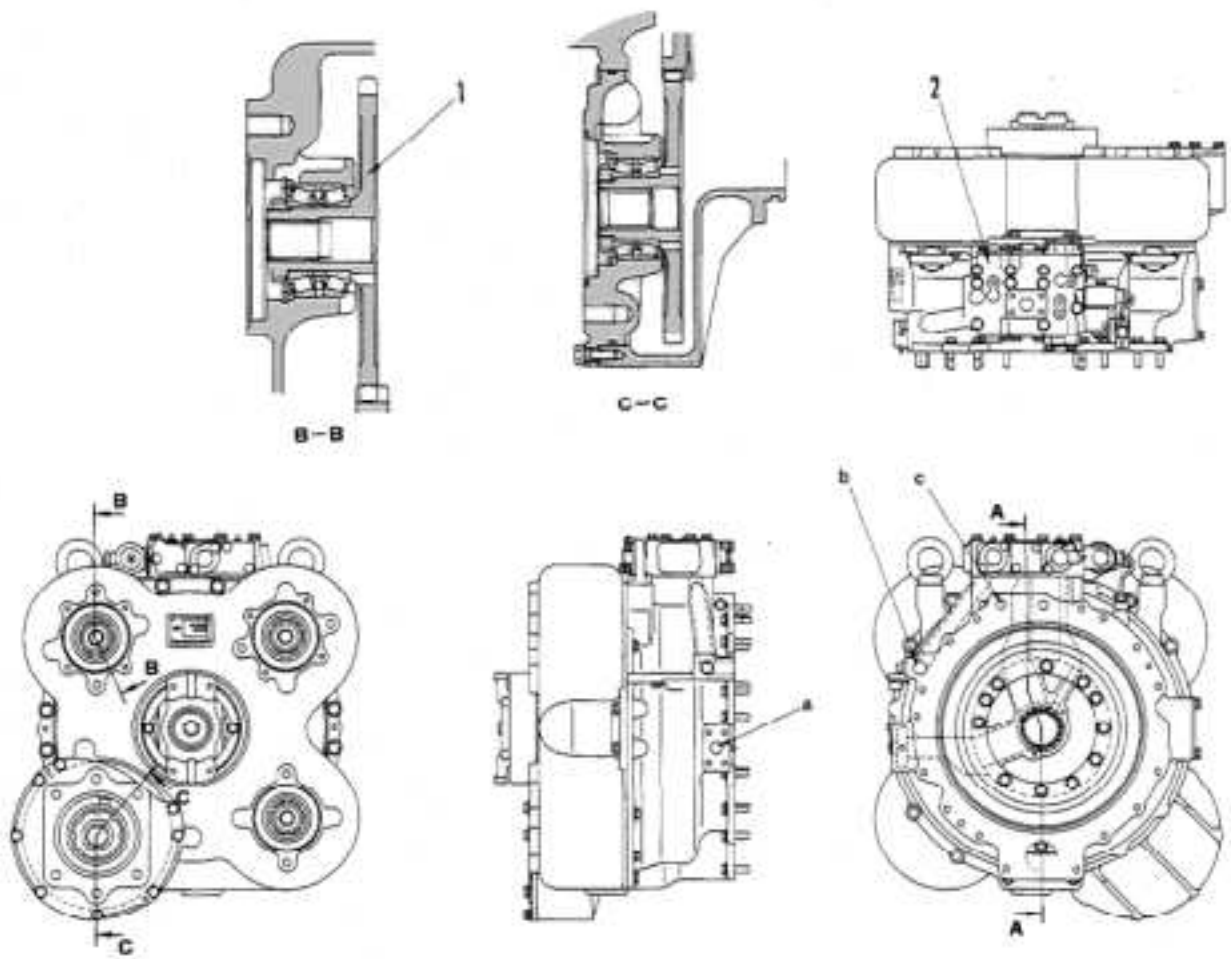
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HD325-6W



566F08222

1. PTO gear
2. Torque converter valve

a: Torque converter oil outlet port
b: To transmission lubrication
c: To transmission control valve

SPECIFICATIONS

- Model: TCA48-10A
- Type: 3 element, 1 stage, 2 phase With lockup clutch
- Lockup clutch: Oil-cooled single disc clutch Hydraulic control (with modulation valve)

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METHOD OF USING TROUBLESHOOTING CHART

This troubleshooting chart is divided into three sections: **questions, check items, and troubleshooting.** The questions and check items are used to pinpoint high probability causes that can be located from the failure symptoms or simple inspeciton without using troubleshooting tools.
Next, troubleshooting tools or direct inspection are used to check the high probability causes to make final confirmation.

[Questions]

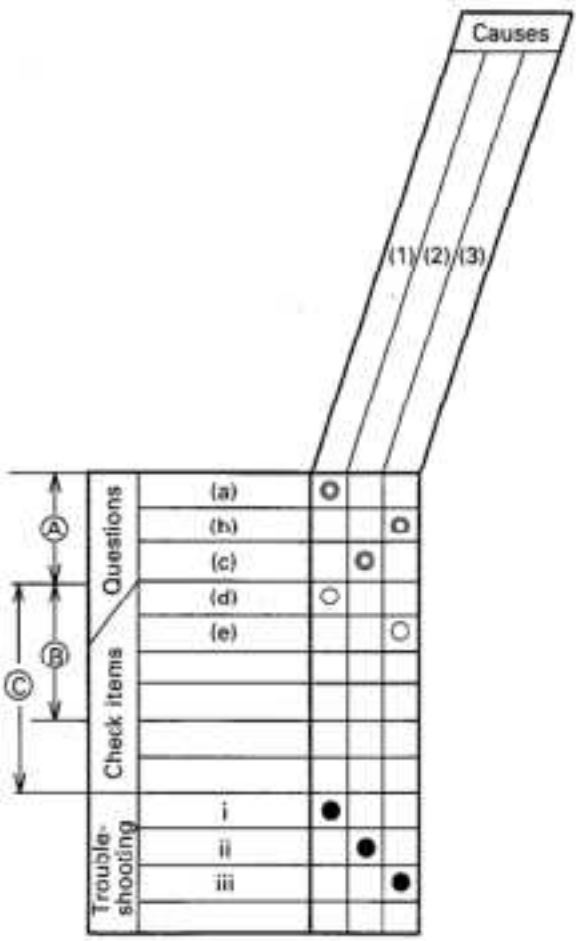
Sections Ⓐ + Ⓑ in the chart on the right corresponds to the items where answers can be obtained from the user. The items in Ⓑ are items that can be obtained from the user, depending on the user's level.

[Check items]

The serviceman carries out simple inspection to narrow down the causes. The items under Ⓒ in the chart on the right correspond to this.
The serviceman narrows down the causes from information Ⓐ that he has obtained from the user and the results of Ⓒ that he has obtained from his own inspection.

[Troubleshooting]

Troubleshooting is carried out in the order of probability, starting with the causes that have been marked as having the highest probability from information gained from **[Questions]** and **[Check items]**.



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LC-13 F-25 – F-28 is displayed: Short circuit in suspension pressure sensor system power source

★ Before carrying out troubleshooting, check that all the related connectors are properly inserted.
★ Always connect any disconnected connectors before going on to the next step.

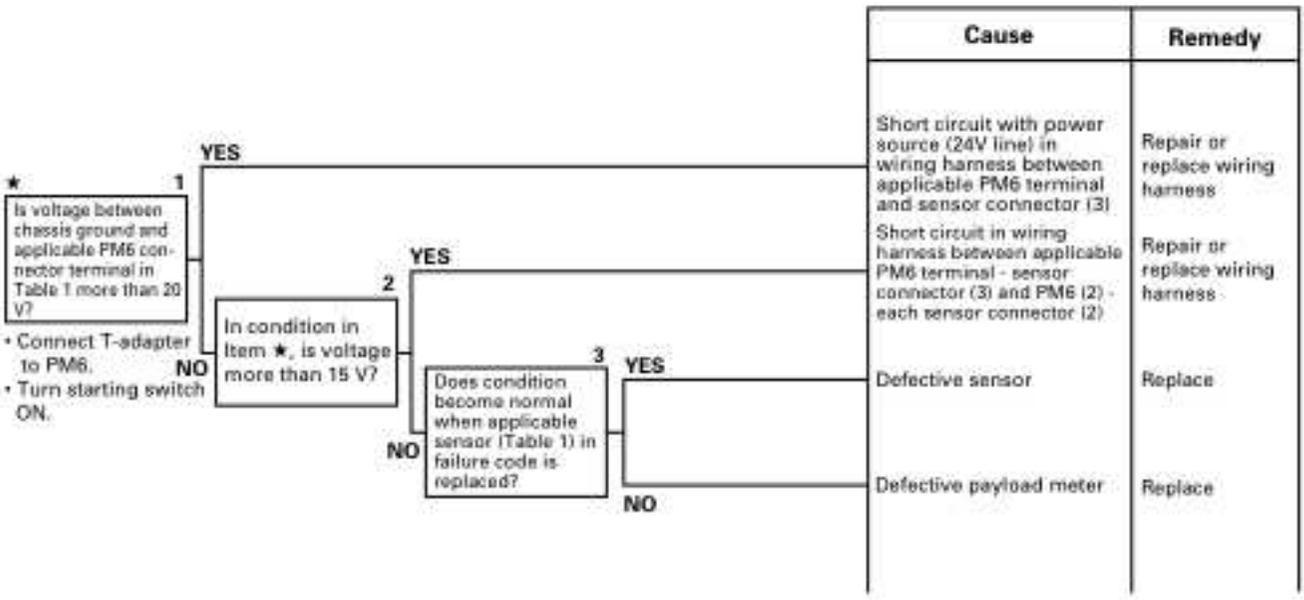


Table 1 Failure codes and applicable sensors and connectors

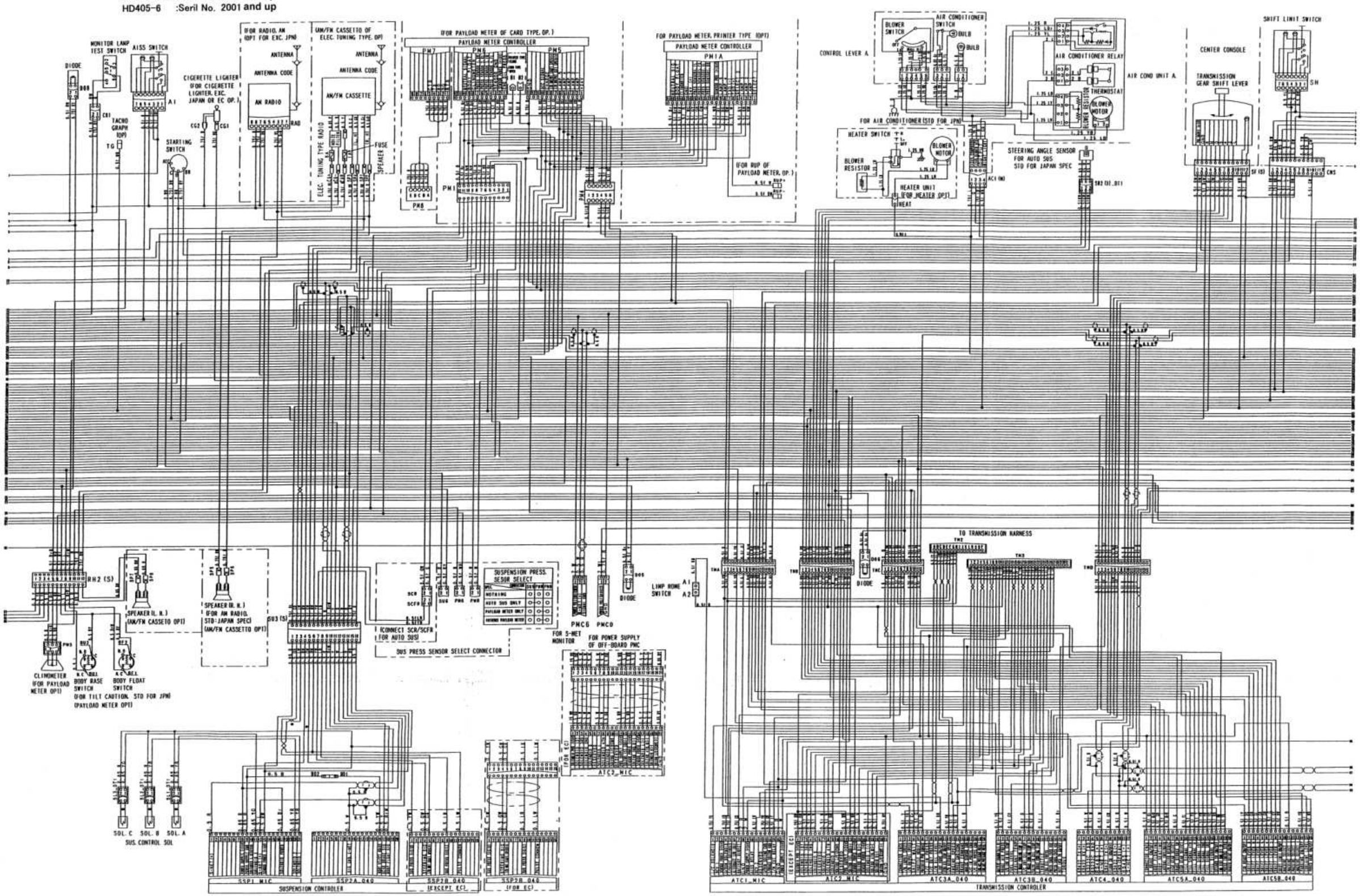
Failure code	Location of sensor	Sensor connector No.	Connector terminal No.		
			PM6	PM1*	J04
F-25	Front left FL	13	(4)	(15)	(2)
F-26	Front right FR	39	(5)	(14)	(3)
F-27	Rear left RL	62	(6)	(13)	(4)
F-28	Rear right RR	63	(7)	(12)	(5)

* HD325-6 Serial No.: 5680 – 6000
HD325-6W Serial No.: 5706 – 6000
HD405-6 Serial No.: 1055 – 2000

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DIAGRAM FOR ELECTRICAL CIRCUIT INSIDE CAB(2/4)

HD325-6 :Seril No. 6001 and up
HD325-6W :Seril No. 6001 and up
HD405-6 :Seril No. 2001 and up



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