PART NO. TT1JK-E-00

HITACHI

Technical Manual
Troubleshooting

ZX
400R-3
400LCH-3
Hydraulic Excavator

Service Manual consists of the following separate Part No.

Technical Manual (Operational Principle)	: Vol. No.TO1JK-E
Technical Manual (Troubleshooting)	: Vol. No.TT1JK-E
Workshop Manual	: Vol. No.W1JK-E

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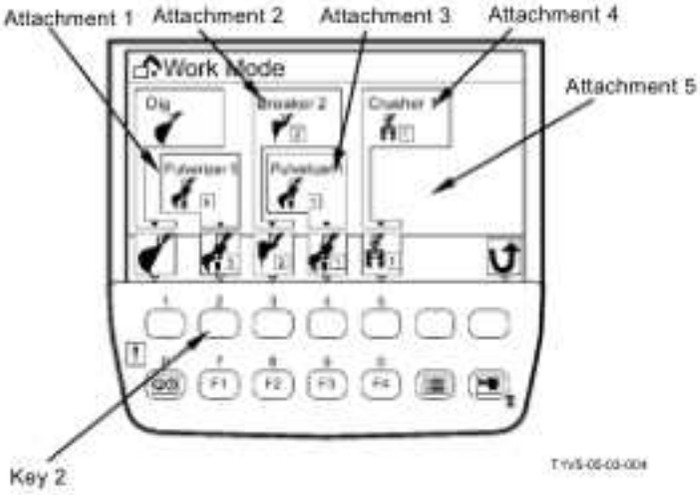
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When the work mode screen of monitor unit is displayed, Pulverizer 5 is displayed at Attachment 1. When pushing key 2, Pulverizer 5 is selected and the Pulverizer 5 specification screen is displayed.



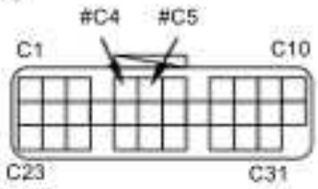
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- Between MCF and Monitor Unit
  CAN Harness (High Side)
  Check for continuity between terminal #C4 of harness end of connector MCF-C in MCF and terminal #B7 of harness end of connetor monitor-B in the monitor unit.

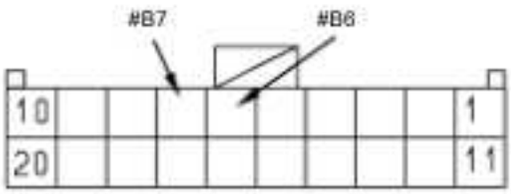
  CAN Harness (Low Side)
  Check for continuity between terminal #C5 of harness end of connector MCF-C in MCF and terminal #B6 of harness end of connetor monitor-B in the monitor unit.

Connector

MCF
Connector MCF-C
(Harness end)



Monitor Unit
Connector Monitor-B
(Harness end)



T1E2-05-04-013

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ECM, ENGINE PROTECTION
ECM FAULT CODES 987, 1485

Fault Code	Trouble	Fault Code (Tech 2)	Reference Page on Engine Troubleshooting Manual
987-3	Abnormal Check Engine Lamp	P0650	1E-429
1485-2	Abnormal Main Relay System (None)	P1625	1E-529

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PREVENT PARTS FROM FLYING

- Grease in the track adjuster is under high pressure. Failure to follow the precautions below may result in serious injury, blindness, or death.
  - Do not attempt to remove GREASE FITTING or VALVE ASSEMBLY.
  - As pieces may fly off, be sure to keep body and face away from valve.
  - Never attempt to disassemble the track adjuster. Inadvertent disassembling of the track adjuster may cause the parts such as a spring to fly off, possibly resulting in severe personal injury or death.
- Travel reduction gears are under pressure.
  - As pieces may fly off, be sure to keep body and face away from AIR RELEASE PLUG to avoid injury.
  - GEAR OIL is hot. Wait for GEAR OIL to cool, and then gradually loosen AIR RELEASE PLUG to release pressure.



SA-344

STORE ATTACHMENTS SAFELY

- Stored attachments such as buckets, hydraulic hammers, and blades can fall and cause serious injury or death.
  - Securely store attachments and implements to prevent falling. Keep children and bystanders away from storage areas.



SA-034

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