SEBM024606

SHOP MANUAL

KOMATSU®

114 SERIES DIESEL ENGINE

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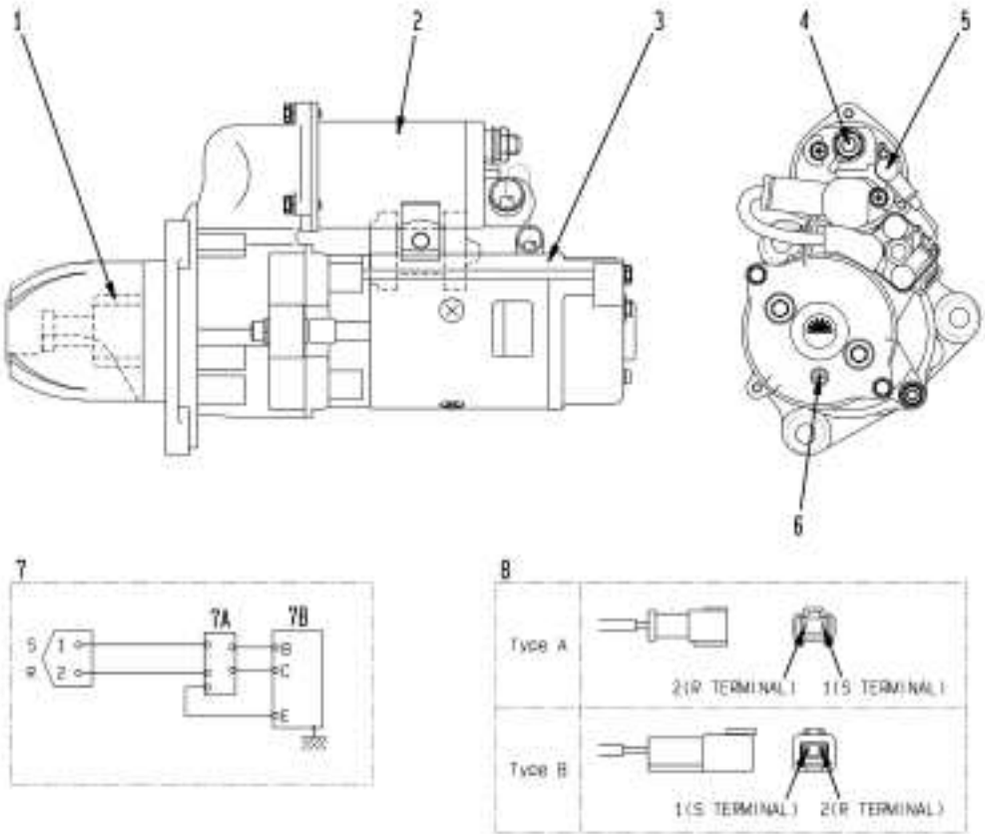
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STARTING MOTOR

7.5KW

★ Depending on the machine model, the actual component may be different from the diagram.



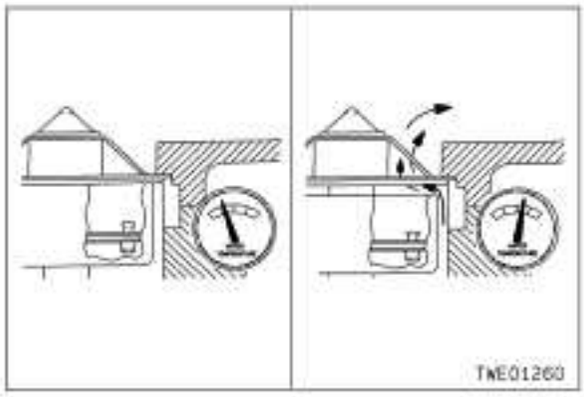
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1. Pinion gear
2. Magnetic switch
3. Starting motor (yoke)
4. Terminal B
5. Terminal C
6. Air hole for water proof test
7. External connecting diagram
   7A. Safety relay
   7B. Starting motor
8. Connector type
   A type: 2P connector (male)
   B type: 2P sealed type connector (male)
   S to starter switch terminal C
   R to Alternator terminal R

Engine	Machine model	Type	Specification	No. of pinion teeth	Weight (kg)	Connector type
SAA6D114E-2	PC300-7 WA380-5 GD655-3A,3C GD675-3A,3C CD110R-2	Nikko Denki, sealed type	24V, 7.5kW	12	15.5	B

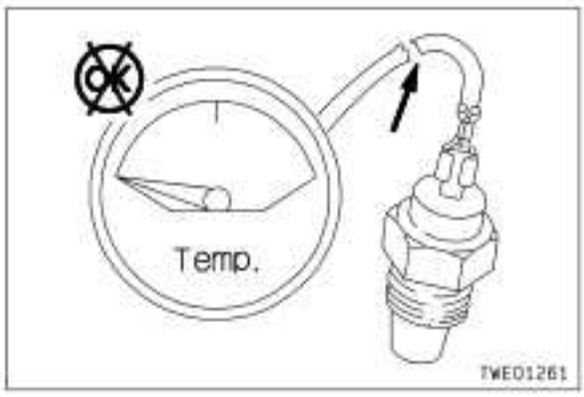
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If the jiggle pin blocks the hole, the thermostat will react to the water temperature and open to control the flow of water to the radiator.

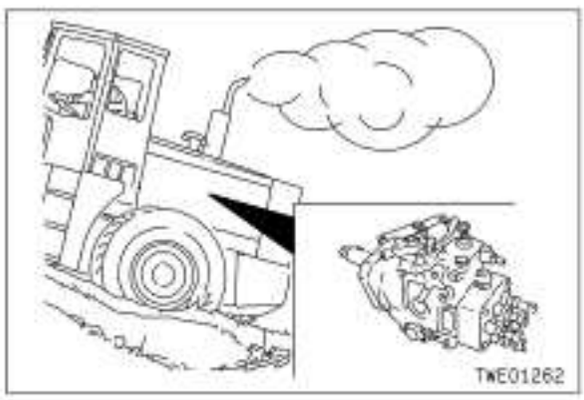


WATER TEMPERATURE GAUGE, EXCESSIVE FUEL, OVERLOAD

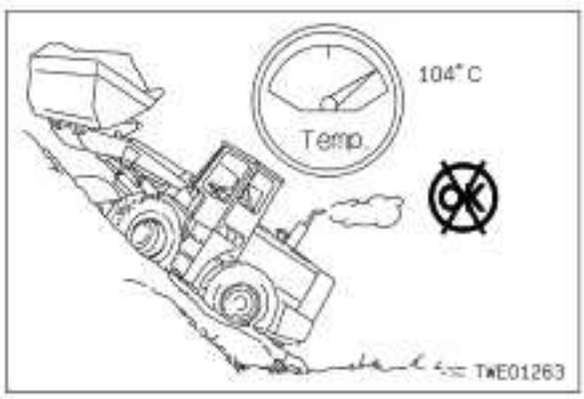
The gauge and sensors are used to measure the cooling water temperature. If these do not work properly, the temperature display will not be correct.



Caution: Excessive fuel will cause the engine to overheat. Check that the fuel injection pump is adjusted properly.



Caution: Normally, if the engine is overloaded, it will overheat.



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