SEBE61700104

SHOP MANUAL

KOMATSU®

8V170-1

SERIES ENGINE

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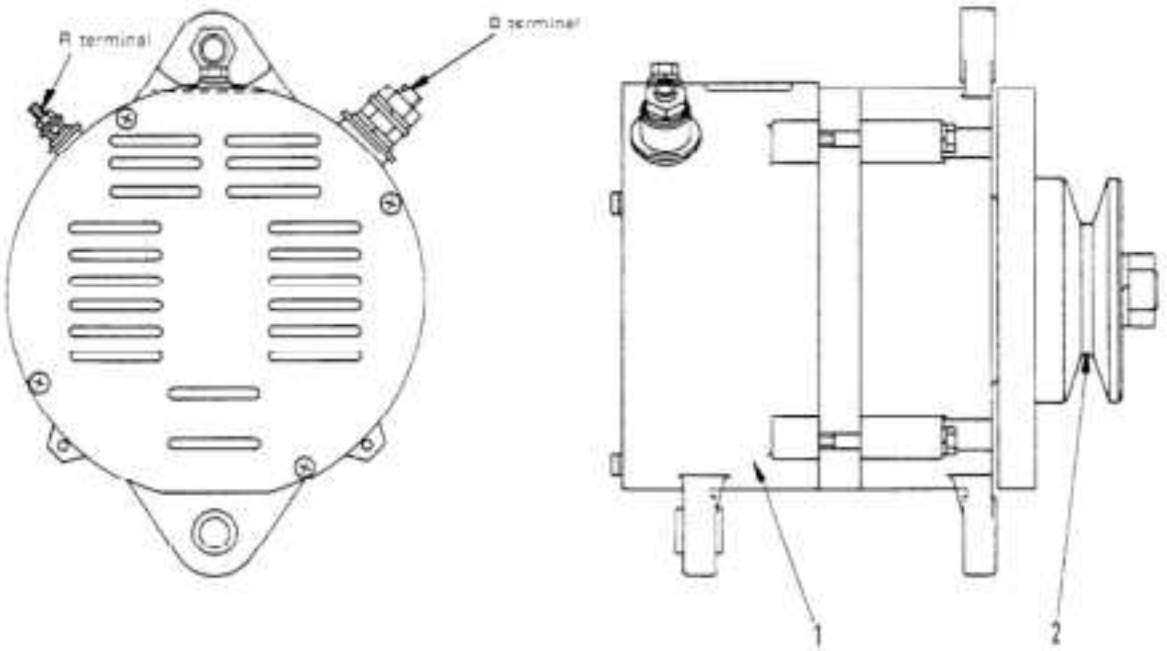
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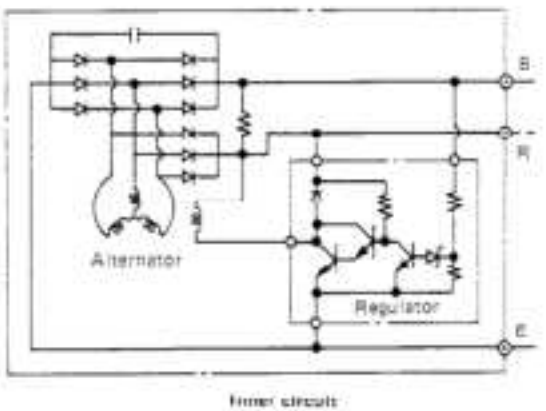
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ALTERNATOR WITH REGULATOR





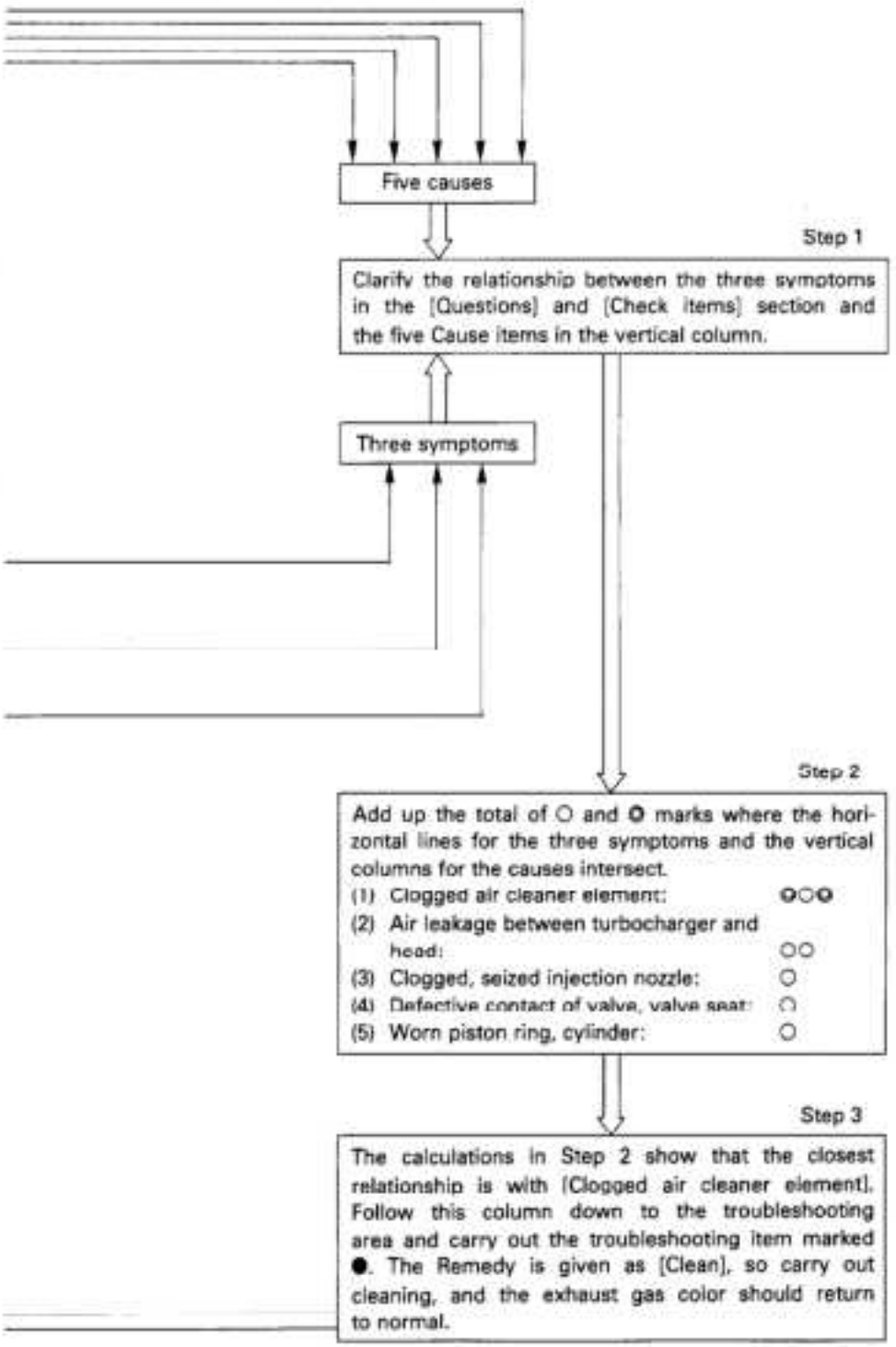
Inner circuit

1. Alternator
2. Pulley

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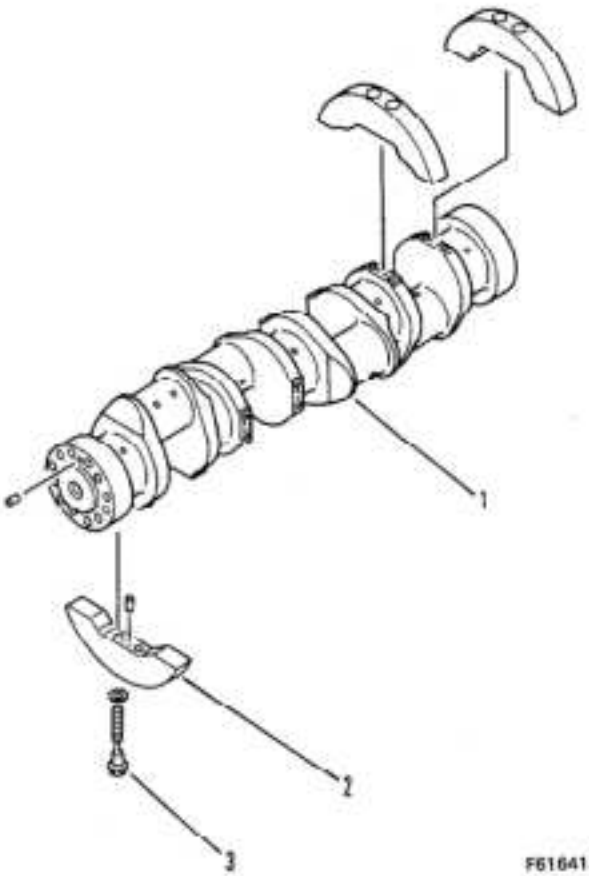
Applicable machine	Maker	Type	Specifications	Pulley outside diameter	Weight
D475A-1	Nikko Denki	Open	24V, 35A	95	9.5 kg
HD785-2	Sawafuji Denki	Open	24V, 75A	95	12.5 kg
WA800-1	Sawafuji Denki	Open	24V, 50A	95	12.5 kg

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CRANKSHAFT



1. Crankshaft
2. Counter weight
3. Counter weight bolt

F6164130

Unit: mm

Inspection item	Judgement standards	Remedy
A. Cracks	Use a magnetic flaw detector ro check for cracks	Replace
B. Damage	Check for damage to the journal portion { Scratches, seizure, discoloration }	If the damage is slight, correct with an oilstone or correct by lapping. Replace if there is seizure
	Damage to cap hole at front and rear end	Correct
	Fretting of counterweight mounting surface	Replace if fingernails catch
	Interference between counterweight side surface and cylinder block, dents	If there is deformation of dowel pin, replace dowel pin, replace bolt
C. Clogging of oil hole	Check for clogging of oil hole	Correct

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