SEBM018803

SHOP MANUAL

KOMATSU®

95-2 SERIES

DIESEL ENGINE

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ELECTRIC WIRE CODE

In the wiring diagrams, various colors and symbols are employed to indicate the thickness of wires.
This wire code table will help you understand WIRING DIAGRAMS.
Example: 5WB indicates a cable having a nominal number 5 and white coating with black stripe.

CLASSIFICATION BY THICKNESS

Norminal number	Copper wire			Cable O.D. (mm)	Current rating (A)	Applicable circuit
	Number of strands	Dia. of strands (mm^2)	Cross section (mm^2)			
0.85	11	0.32	0.88	2.4	12	Starting, lighting, signal etc.
2	26	0.32	2.09	3.1	20	Lighting, signal etc.
5	65	0.32	5.23	4.6	37	Charging and signal
15	84	0.45	13.36	7.0	59	Starting (Glow plug)
40	85	0.80	42.73	11.4	135	Starting
60	127	0.80	63.84	13.6	178	Starting
100	217	0.80	109.1	17.6	230	Starting

CLASSIFICATION BY COLOR AND CODE

Priority	Classification \ Circuits		Charging	Ground	Starting	Lighting	Instrument	Signal	Other
1	Primary	Code	W	B	B	R	Y	G	L
		Color	White	Black	Black	Red	Yellow	Green	Blue
2	Auxiliary	Code	WR	—	BW	RW	YR	GW	LW
		Color	White & Red	—	White & Black	Red & White	Rellow & Red	Green & White	Blue & White
3		Code	WB	—	BY	RB	YB	GR	LR
		Color	White & Black	—	Black & Yellow	Red & Black	Yellow & Black	Green & Red	Blue & Yellow
4		Code	WL	—	BR	RY	YG	GY	LY
		Color	White & Blue	—	Black & Red	Red & Yellow	Yellow & Green	Green & Yellow	Blue & Yellow
5		Code	WG	—	—	RG	YL	GB	LB
		Color	White & Green	—	—	Red & Green	Yellow & Blue	Green & Black	Blue & Black
6		Code	—	—	—	RL	YW	GL	—
		Color	—	—	—	Red & Blue	Yellow & White	Green & Blue	—

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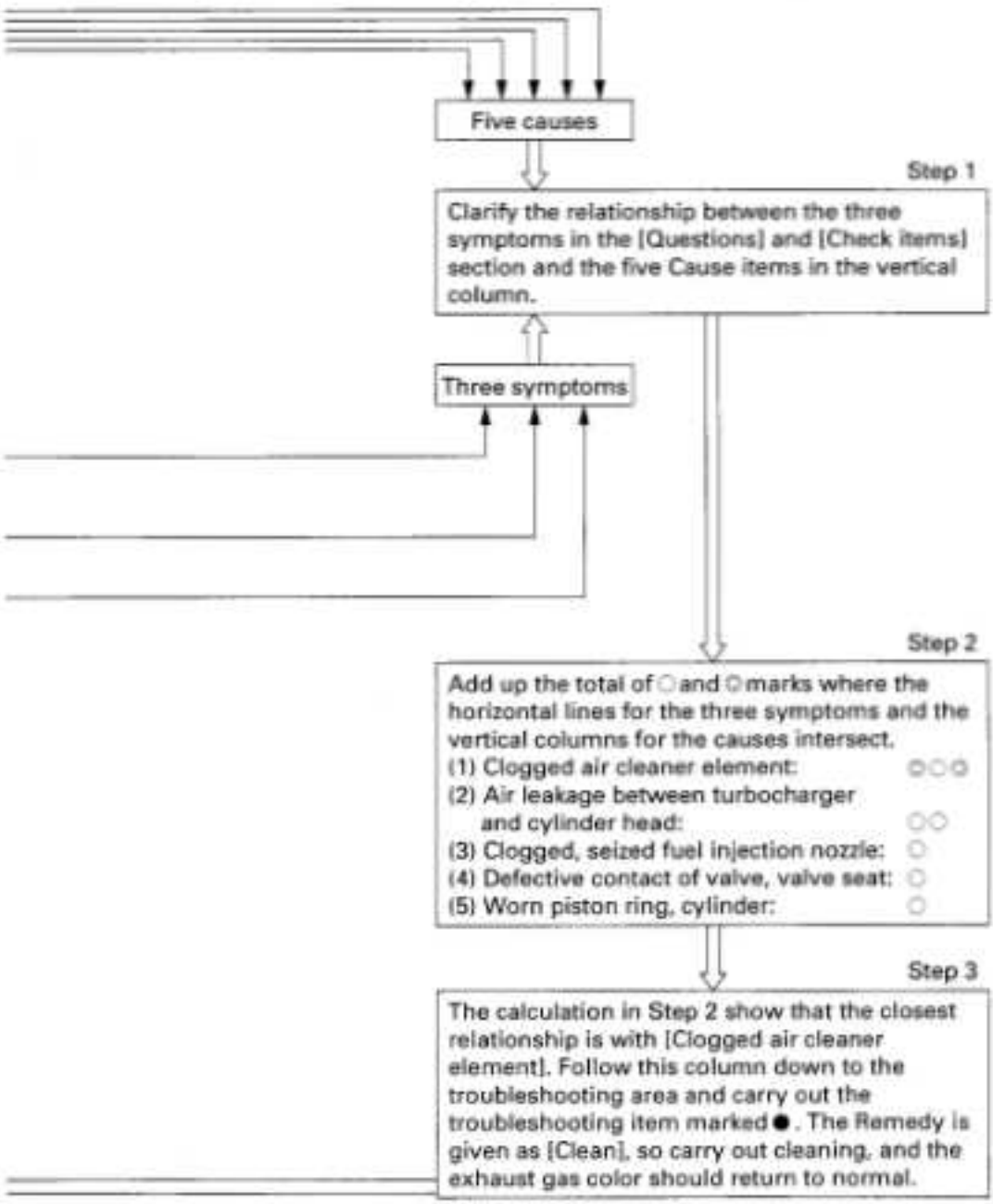
WEIGHT TABLE

★ The specifications may be different depending on the type of machine.

Unit: kg

No.	Item	Components	4D95LE-2
1	Turbocharger		—
2	Cylinder head assembly	Cylinder head, valve, valve spring	28
3	Cylinder block assembly	Cylinder block, main metal block, cylinder liner	70
4	Gear case (Front cover)		2.6
5	Oil pan		2
6	Flywheel assembly	Flywheel, ring gear	22
7	Flywheel housing		11
8	Crankshaft assembly	Crankshaft, crankshaft gear	25
9	Camshaft assembly	Camshaft, camshaft gear, thrust plate	5.5
10	Piston and connecting rod assembly	Piston, piston ring, piston pin, connecting rod	2
11	Oil pump		0.5
12	Fuel injection pump		10.5
13	Water pump		6
14	Alternator		The weight is different depending on the type of machine.
15	Starting motor		
16	Air compressor		—
17	Aftercooler assembly		—

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