CRAWLER EXCAVATOR

SERVICE MANUAL

HX55S (China)

HYUNDAI

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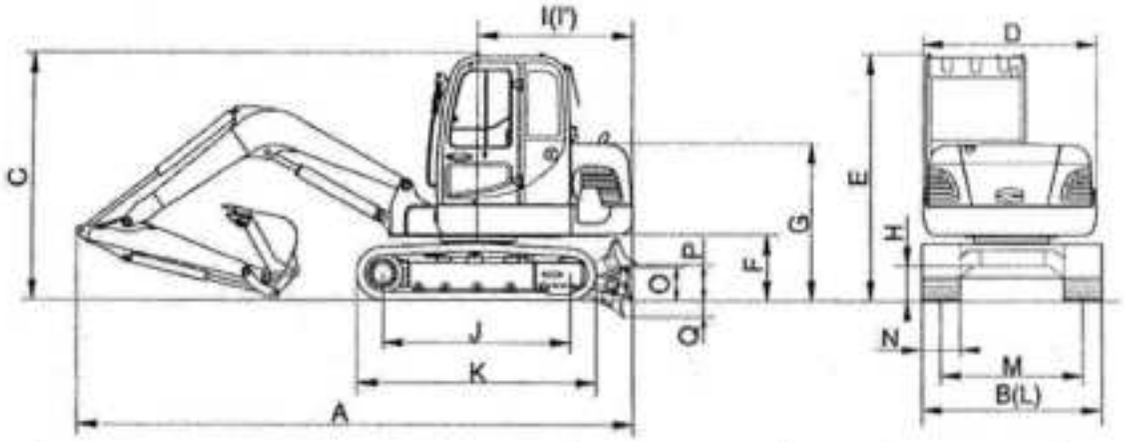
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2. SPECIFICATIONS

1) 3.0 m (9'10") mono boom, 1.6 m (5'3") arm



Description		Unit	Specification
Operating weight		kg	5,560
Bucket capacity (SAE heaped), standard		m^3	0.18
Overall length	A	mm	5,900
Overall width (400 mm track)	B		1,920
Overall height	C		2,500
Superstructure width	D		1,830
Overall height of cab	E		2,550
Ground clearance of counterweight	F		690
Engine cover height	G		1,650
Minimum ground clearance	H		380
Rear-end distance	I		1,640
Rear-end swing radius	I'		1,650
Distance between tumblers	J		1,990
Undercarriage length	K		2,530
Undercarriage width	L		1,900
Track gauge	M		1,500
Track shoe width, standard	N		400
Height of blade	O		350
Ground clearance of blade up	P		420
Depth of blade down	Q		540
Travel speed (low/high)		km/h	2.38/4.13
Swing speed		rpm	10.88
Gradeability		Degree (%)	35
Ground pressure (400 mm shoe)		kgf/cm^2	0.32

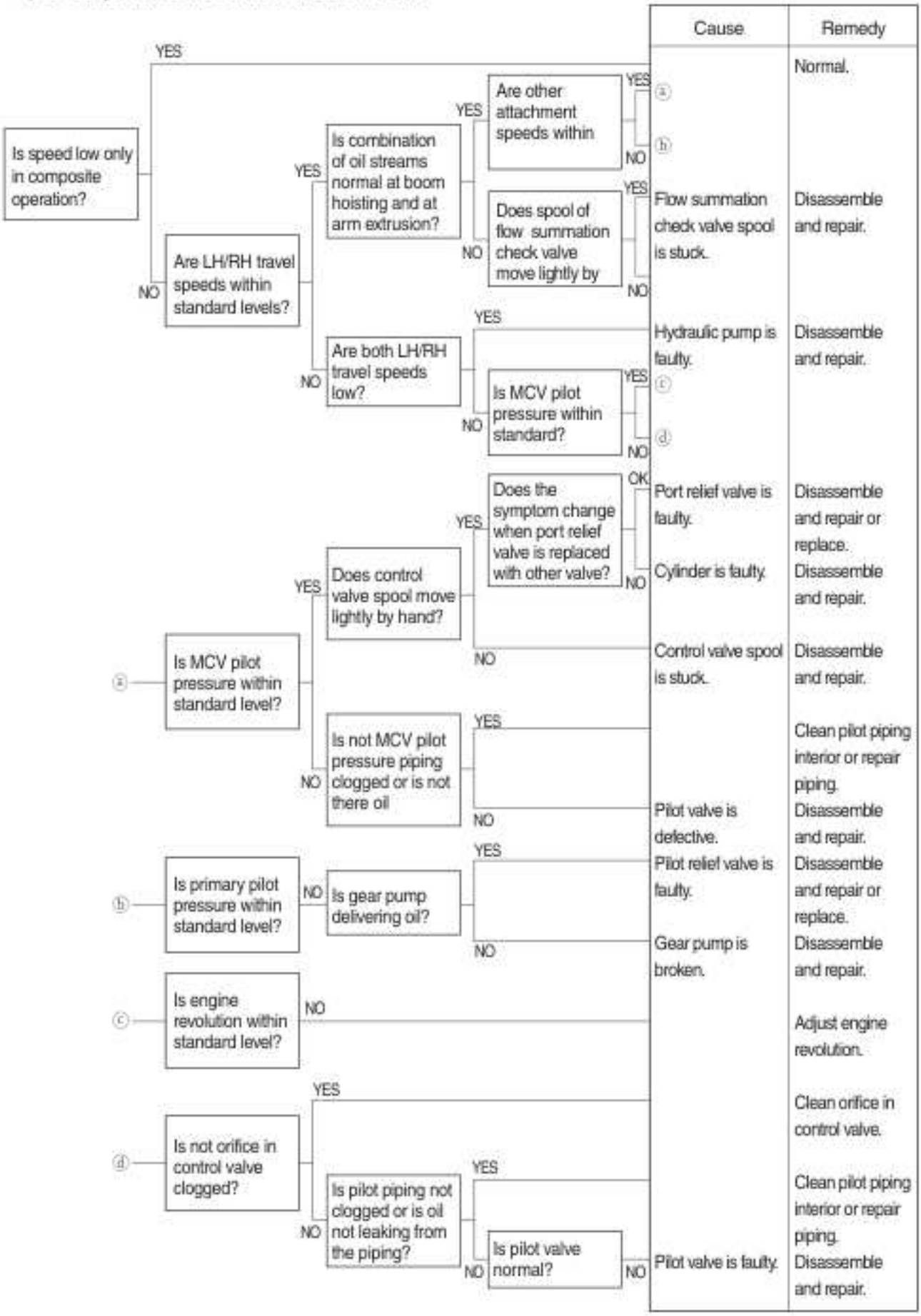
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SECTION 3 HYDRAULIC AND ELECTRICAL SYSTEM

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2) BOOM, ARM OR BUCKET SPEED IS LOW

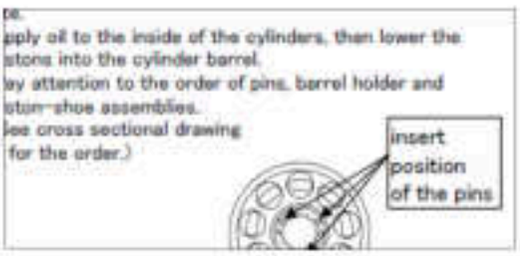


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12) Place the piston-shoe assemblies into the shoe holder.



13) Place 3 pins,barrel holder and 9 piston-shoe assembliesin that order into the cylinder barrel.





7078TM04/04A

※ Apply oil to the inside of the cylinders, then lower the pistons into the cylinder barrel.

※ Pay attention to the order of pins, barrel holder and piston-shoe assemblies. (See cross sectional drawing for the order.)



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14) Inset the cylinder barrel assembly into the body 2 so that the shoes contact the swash plate.

※ Pay attention not to lose the each part.



7078TM06

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8) Remove the 3 snap rings, 1 thrust plate 2, 3 b2 gears, 69 needles, 3 rings and 3 thrust washers.

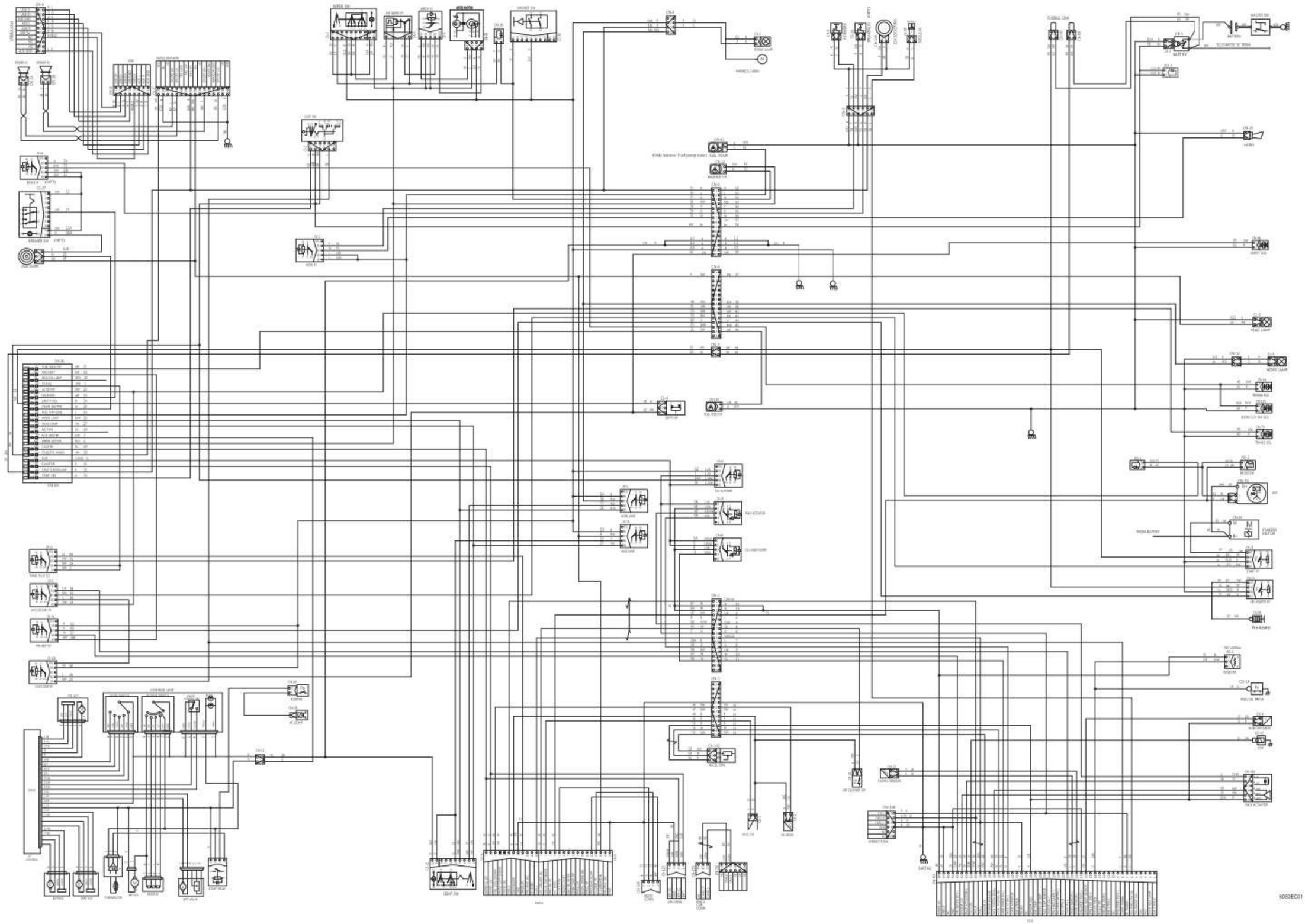
※ Pay attention not to lose the each part.







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