PART NO. WDFB50-EN-00

HITACHI

Reliable solutions

Workshop Manual

ZX
225USLC-6
225USRLC-6

Hydraulic Excavator

Service Manual consists of the following separate Part No.

Technical Manual (Operational Principle)	: Vol. No.TODFB50-EN
Technical Manual (Troubleshooting)	: Vol. No.TTDFB50-EN
Workshop Manual	: Vol. No.WDFB50-EN
Engine Manual	: Vol. No.ETDC150-EN, EWDC150-EN

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Master Bushing



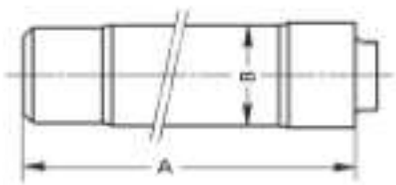
W105-03-07-023

Unit: mm

	Standard	Allowable Limit	Remedy
A	129.2	-	Replace
B	38.7	[41.7]	
C	59	[54]	

NOTE: Values in [ ] are just for reference.

Master Pin



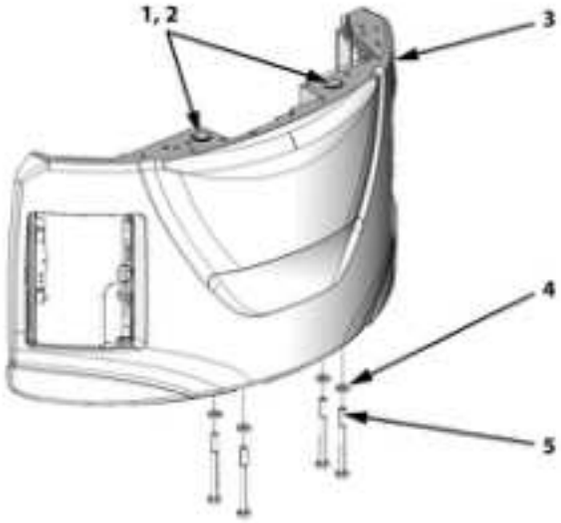
W105-03-07-021

Unit: mm

	Standard	Allowable Limit	Remedy
A	203	-	Replace
B	38.4	[35.4]	

NOTE: Values in [ ] are just for reference.

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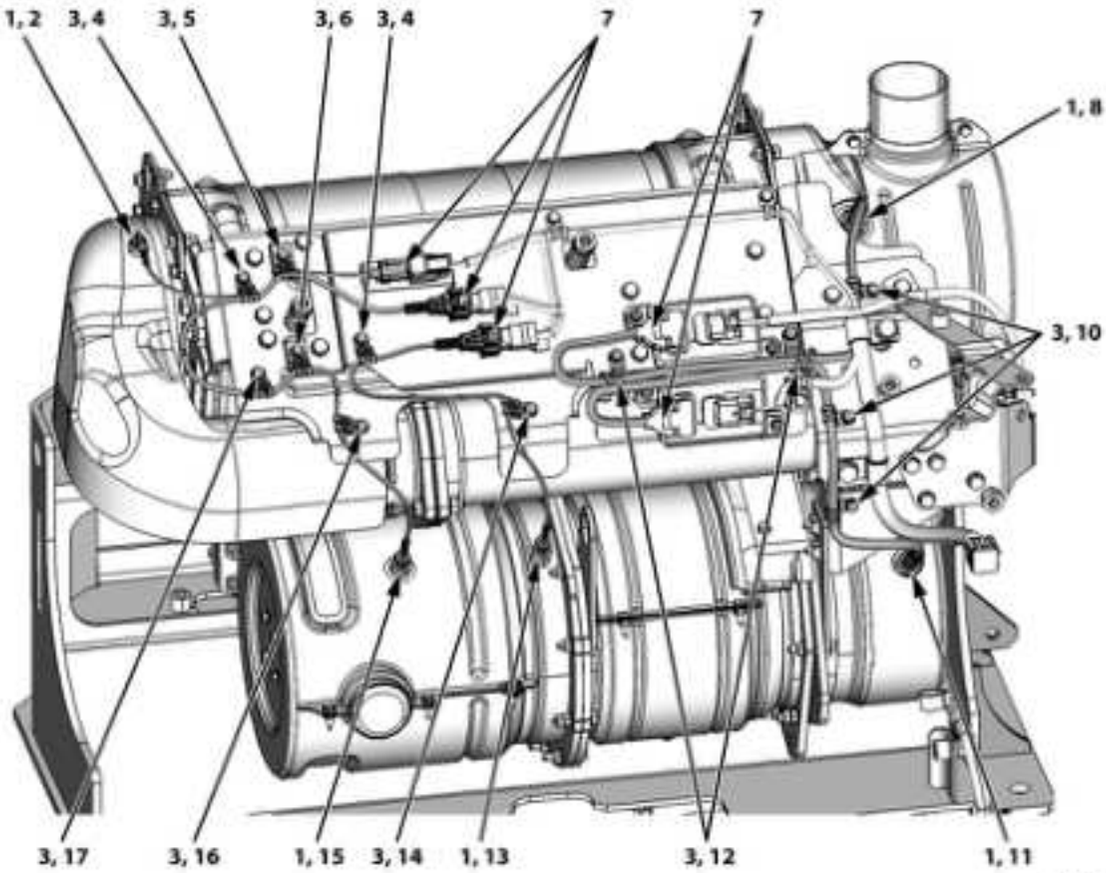
WDFB50-03-02-054

CAUTION: Counterweight (3) weight: 6820 kg

11. Remove caps (1) (2 used) and packings (2) (2 used). Install the Freno-Linkbolts (B-48: M48, Pitch: 5.0 mm) (2 used) to the cap (1) mounting holes (2 places). Attach wire ropes onto the Freno-Linkbolts. Hoist and hold counterweight (3).
12. Remove bolts (5) (4 used) and washers (4) (4 used). Remove counterweight (3) from the main frame.

    : 60 mm
13. Remove the covers from counterweight (3) if necessary.

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34. Disconnect connectors (7) (5 used).

IMPORTANT: Check the mark on wire harnesses (13, 15) and the clips (5, 6, 14, 16, 17) position for assembling.

35. Remove wire harnesses (2, 13, 15) from clips (4) (2 used) and clips (5, 6, 14, 16, 17).
36. Remove wire harnesses (8, 11) from clips (10) (3 used) and clips (12) (2 used).
37. Remove sensors (1) (5 used).

    : 14 mm, 22 mm

38. Remove bolts, washers (3) (12 used). Remove clips (4, 12) (2 used for each) and clips (5, 6, 14, 16, 17).

    : 10 mm

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