

WSM

WORKSHOP MANUAL

GZD21

Kubota

COOLING SYSTEM

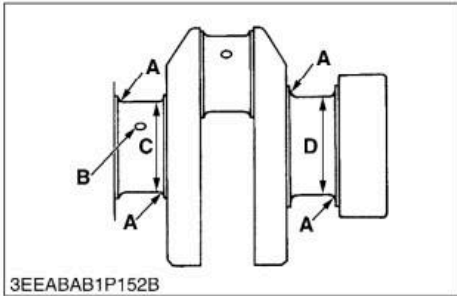
| Item | | Factory Specification | Allowable Limit |
|--------------|---|--|-----------------|
| Fan Belt | Tension | Approx. 10 mm / 98 N 0.4 in. / 98 N (10 kgf, 22 lbf) | — |
| Thermostat | Valve Opening Temperature (At Beginning) | 69.5 to 72.5 °C 157.1 to 162.5 °F | — |
| | Valve Opening Temperature (Opened Completely) | 85 °C 185 °F | — |
| Radiator Cap | Pressure Falling Time | 10 seconds or more 88 → 59 kPa 0.9 → 0.6 kgf/cm ² 13 → 9 psi | — |
| Radiator | Weak Leakage Test Pressure | No leaks at specified pressure 137 kPa 1.4 kgf/cm ² 20 psi | — |

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FUEL SYSTEM

| Item | | Factory Specification | Allowable Limit |
|-----------------------|----------------------|--|---|
| Injection Pump | Injection Timing | 0.28 to 0.32 rad (16 to 18 °) before T.D.C. | — |
| Pump Element | Fuel Tightness | — | 14.7 MPa 150 kgf/cm ² 2130 psi |
| Delivery Valve | Fuel Tightness | — | 5 seconds 14.7 → 13.7 MPa 150 → 140 kgf/cm ² 2130 → 1990 psi |
| Fuel Injection Nozzle | Injection Pressure | 13.73 to 14.71 MPa 140 to 150 kgf/cm ² 1991 to 2134 psi | — |
| | Valve Seat Tightness | When the pressure is 12.75 MPa (130 kgf/cm ² , 1849 psi), the valve seat must be fuel tightness | — |

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Oil Clearance between Crankshaft Journal and Crankshaft Bearing 2 (Crankshaft Bearing 3) (Continued)

(Reference)

- Undersize crankshaft bearing 2 and 3

| Undersize | Bearing | Code Number | Marking |
|---------------------|--------------------------|-------------|---------|
| 0.2 mm 0.008 in. | Crankshaft bearing 2 02 | 15694-23930 | 020 US |
| | Crankshaft bearing 2F 02 | 1G460-07530 | |
| | Crankshaft bearing 3 02 | 1G460-07580 | 020 US |
| | Crankshaft bearing 3F 02 | 1G460-07630 | |
| 0.4 mm 0.016 in. | Crankshaft bearing 2 04 | 15694-23940 | 040 US |
| | Crankshaft bearing 2F 04 | 1G460-07540 | |
| | Crankshaft bearing 3 04 | 1G460-07590 | 040 US |
| | Crankshaft bearing 3F 04 | 1G460-07640 | |

- Undersize dimensions of crankshaft journal

| Undersize | 0.2 mm 0.008 in. | 0.4 mm 0.016 in. |
|--|---|--|
| Dimension A | 1.8 to 2.2 mm radius 0.071 to 0.087 in. radius | 1.8 to 2.2 mm radius 0.071 to 0.087 in. radius |
| Dimension B | 4 mm dia. 0.16 in. dia. | 4 mm dia. 0.16 in. dia. |
| Dimension C | 43.734 to 43.750 mm dia. 1.72181 to 1.72244 in. dia. | 43.534 to 43.550 mm dia. 1.71394 to 1.7147 in. dia. |
| Dimension D | 43.734 to 43.750 mm dia. 1.72181 to 1.72244 in. dia. | 43.534 to 43.550 mm dia. 1.71394 to 1.7147 in. dia. |
| (0.8-S) | | |
| The crankshaft journal must be fine-finished to higher than ∇∇∇∇ | | |

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SERVICING

CONTENTS

| | |
|---------------------------------------|-------|
| 1. TROUBLESHOOTING | 2-S1 |
| 2. SERVICING SPECIFICATIONS | 2-S3 |
| 3. TIGHTENING TORQUES | 2-S4 |
| 4. CHECKING AND ADJUSTING | 2-S5 |
| 5. DISASSEMBLING AND ASSEMBLING | 2-S11 |
| [1] SEPARATING TRANSAXLE..... | 2-S11 |
| [2] SEPARATING FRONT PTO CASE | 2-S22 |
| 6. SERVICING | 2-S24 |
| [1] HYDROSTATIC TRANSMISSION..... | 2-S24 |
| [2] TRANSMISSION CASE..... | 2-S26 |

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5 ELECTRICAL SYSTEM

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Kubota GZD21 Zero Turn Mower Workshop Manual

This is a short preview. The complete manual contains all chapters, wiring diagrams, torque specifications and full service procedures.

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