KEAM038000T

Operation & Maintenance Manual

GALEO

GD675-3C

MOTOR GRADER

SERIAL NUMBERS GD675-3C B30001 and up

July 2005

KOMATSU®

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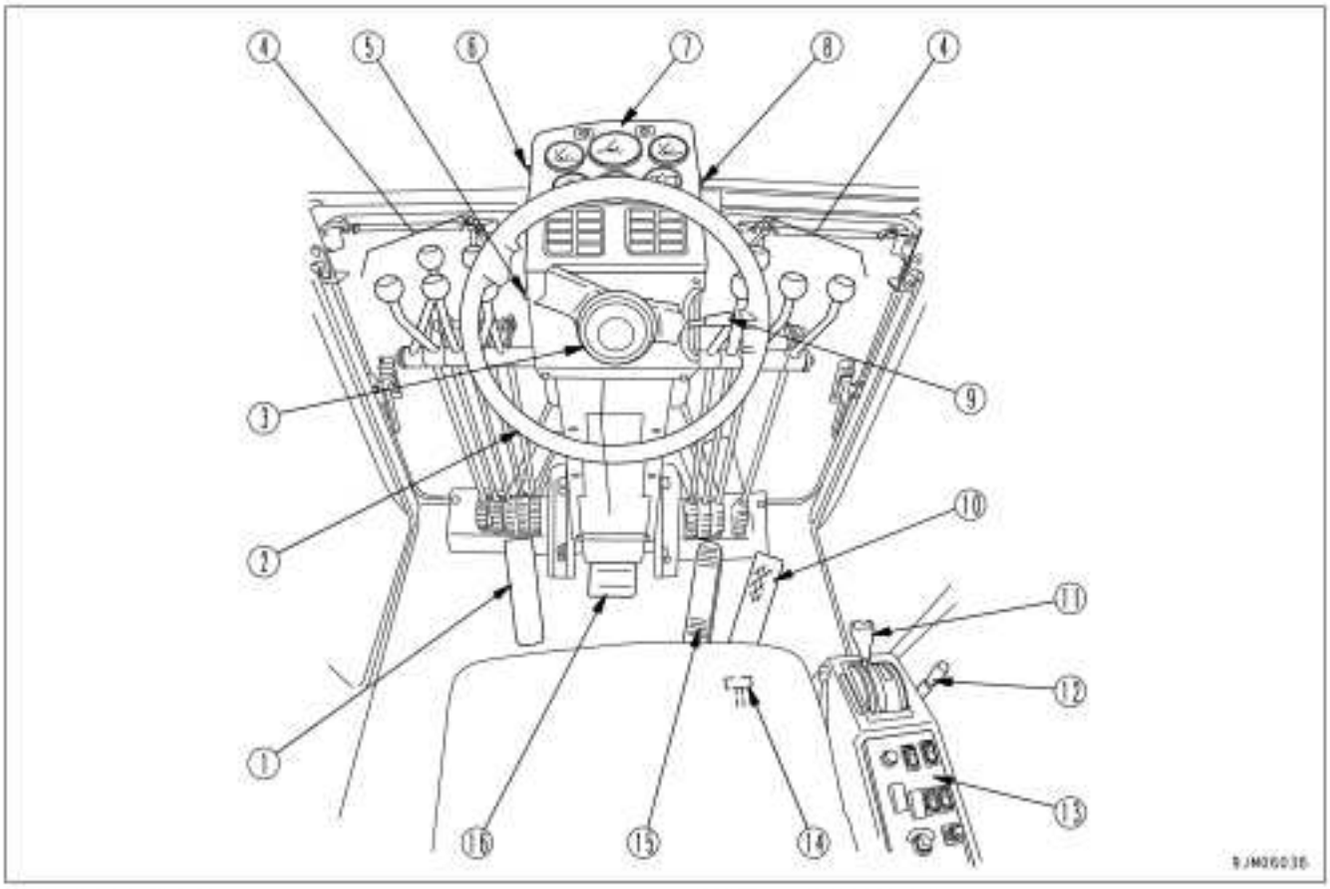
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GENERAL VIEW OF CONTROLS AND GAUGES



(1) Inching pedal
(2) Steering wheel
(3) Horn button
(4) Work equipment control lever
(5) Starting aid switch
(6) Dimmer switch
(7) Machine monitor
(8) Differential lock switch (if equipped)
(9) Turn signal lever
(10) Accelerator pedal
(11) Gearshift lever
(12) Fuel control lever
(13) Right side panel
(14) Decelerator pedal
(15) Brake pedal
(16) Steering console tilt pedal

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MAINTENANCE SCHEDULE CHART

MAINTENANCE SCHEDULE CHART

INITIAL 250 HOURS SERVICE (only after the first 250 hours)

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EVERY 250 HOURS SERVICE

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EVERY 500 HOURS SERVICE

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CHECK CIRCLE GUIDE CLEARANCE, ADJUST

⚠ WARNING

- If there is no clearance between the root of the teeth (or the tip of the teeth) of the pinion gear of the circle rotator and the tip of the teeth (or the root of the teeth) of the circle gear after maintenance has been carried out, replace the guide.
- When raising the blade, do not raise it higher than necessary.

NOTICE

If the condition remains as below even after maintenance is carried out, replace the circle guide.

- When there is no clearance (R) between the circle and circle guide.
- When there is no clearance between the root of the teeth (or the tip of the teeth) of the pinion gear of the circle rotator and the tip of the teeth (or the root of the teeth) of the circle gear.

- Prepare the following:
  Feeler gauge
- Shims (thickness: 1 mm (0.039 in), 0.5 mm (0.020 in); 2 types)

TESTING

1. Raise the blade and use a feeler gauge to measure clearance (P) between the bottom face of the drawbar and the top face of the swing circle as shown in the diagram. The standard clearance is 1.5 ± 0.5 mm (0.059 ± 0.020 in).
2. Keep the blade raised and use a feeler gauge to measure clearance (Q) F (front), (Q) C (center), and (Q) R (rear) between the circle and circle guide as shown in the diagram when force is applied at the rear.
   Standard clearances (Q) F, (Q) C, and (Q) R are as follows.
   (Q) F = 0 mm, (Q) C = 0.7 mm (0.028 in), (Q) R = 1.5 mm (0.059 in), or (Q) F = (Q) R = 1 mm (0.039 in)

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