SEAM004202

Operation & Maintenance Manual

KOMATSU®

PC60-7

HYDRAULIC EXCAVATOR

SERIAL NUMBERS **PC60-7 - 45001** and up

February 1998

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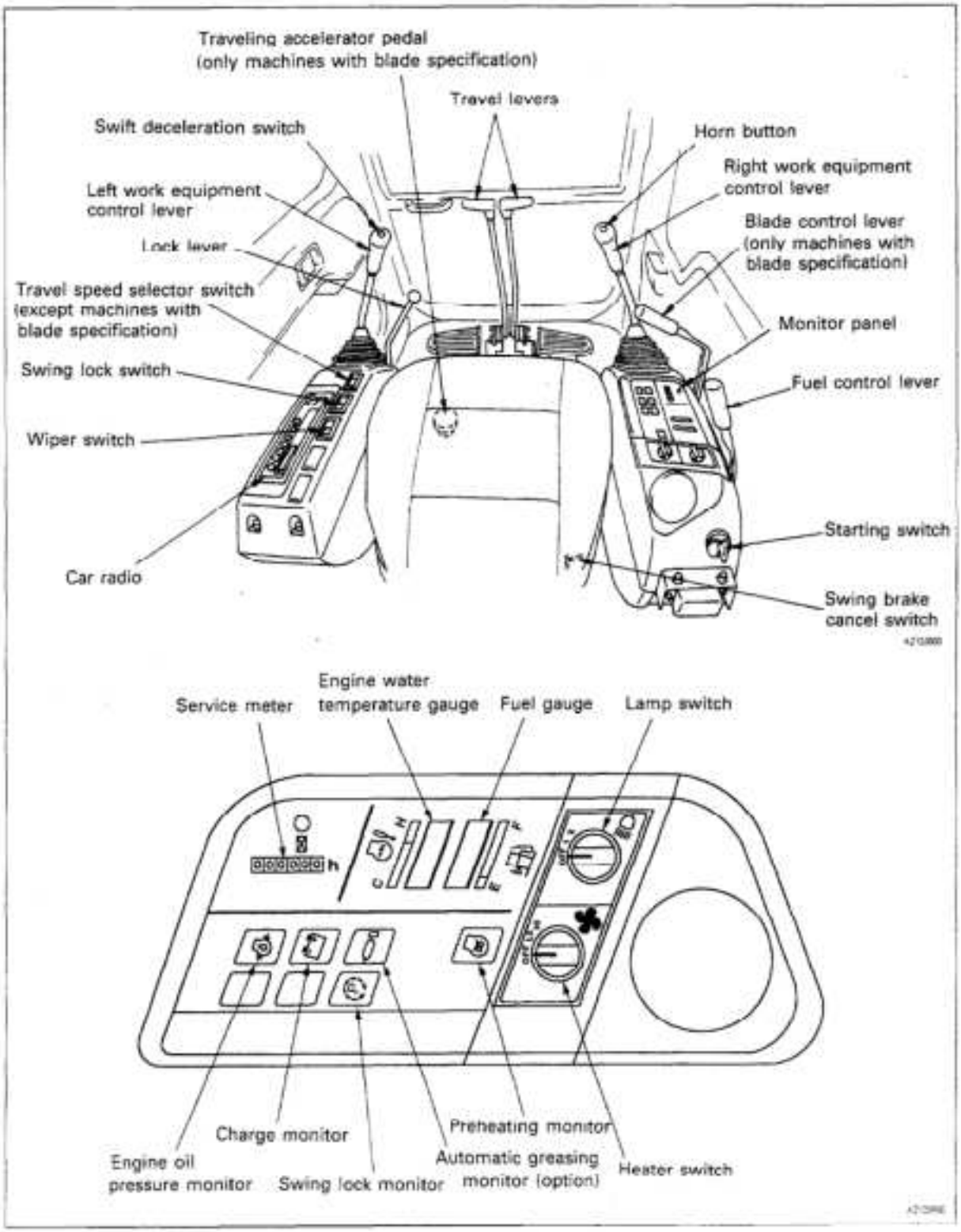
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10.2 GENERAL VIEW OF CONTROLS AND GAUGES



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21. STANDARD TIGHTENING TORQUES FOR BOLTS AND NUTS

21.1 INSTRODUCTION OF NECESSARY TOOLS

The following tools are needed when carrying out maintenance.

No.	Name of tool	Part No.	Remarks
1	Wrench set	09000-30006	Applicable width across flats (S_1-S_2) 8mm – 10mm 12mm – 14mm 13mm – 17mm 19mm – 22mm 24mm – 27mm 30mm – 32mm 
2	Screwdriver	09033-00190	Interchangeable flat-head and cross-head type
3	Wrench	09002-03641	Applicable width across flats 36 mm – 41 mm
4	Hexagon wrench	09007-01040 09007-00632	Applicable width across flats 10 mm Applicable width across flats 6 mm
5	Filter wrench	09019-10080	For fuel filter cartridge
6	Filter wrench	09019-10093	For engine oil filter cartridge
7	Grease pump	07952-70002	For greasing work
8	Nozzle	07951-11400	For rubber shoe (For the machine equipped with rubber shoes)
9	Grease cartridge	07950-90403	(Lithium base grease, 400 g)

If any of the above tools are broken, please order them from your Komatsu distributor.

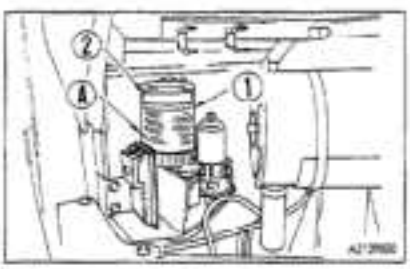
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24.3.8 CHECK AMOUNT OF GREASE IN GREASE CARTRIDGE FOR AUTOMATIC GREASING, REPLACE GREASE CARTRIDGE (option)

⚠ WARNING

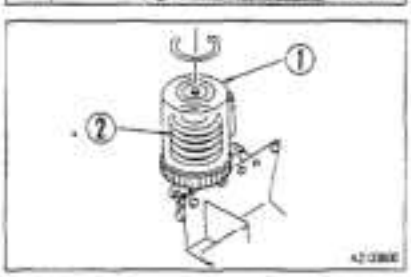
The tank has a built-in compressed spring, so be careful when installing or removing tank cover ①.

1. Open the engine hood, and check the height of grease cartridge ② inside tank cover ①.
2. If the height of grease cartridge ② is lower than mark Ⓐ on tank cover ①, replace grease cartridge ② with a new cartridge.

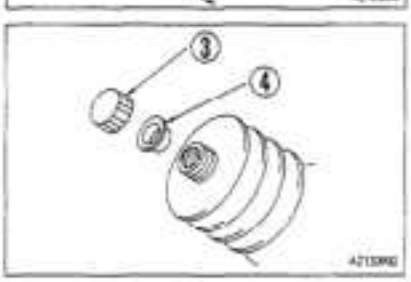


Method of replacing grease cartridge

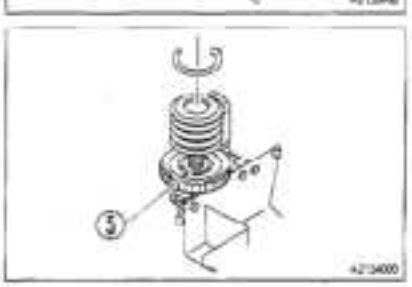
1. Turn tank cover ① to the left to remove it.
2. Turn empty grease cartridge ② to the left to remove it.



3. Remove cap ③ and plug ④ from the new grease cartridge.



4. Press the grease cartridge slightly so that grease comes out from the mouth, then screw the cartridge (approx. 5 turns) securely into suction port holder ⑤.
5. Tighten tank cover ① (approx. 1/3 turns) securely until the lock is engaged.



NOTICE

When changing the grease cartridge from the standard type to the cold area type, or from the cold area type to the standard type, please contact your Komatsu distributor.

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