SEAM005801

Operation & Maintenance Manual

KOMATSU®

WA380-3

WHEEL LOADER

SERIAL NUMBERS **WA380-3 - 50001** and up

February 1998

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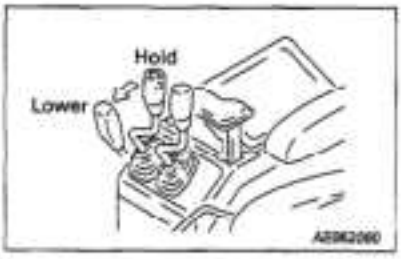
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SPECIFICATIONS

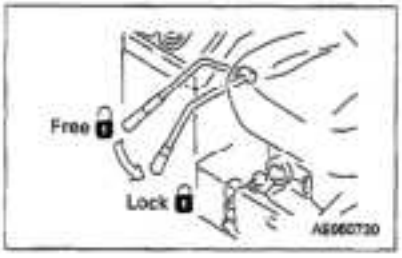
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4. Operate lift arm control lever ⑤ to lower the bucket to the ground.



5. Lock lift arm control lever ⑤ and bucket control lever ⑧ with safety lock ⑦.



12.14 CHECKS AFTER COMPLETION OF OPERATION

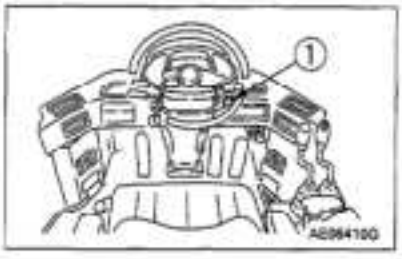
Check the engine water temperature, engine oil pressure, torque converter oil temperature, and fuel level with the meter and lamps. If the engine has overheated, do not stop it suddenly. Run the engine at a midrange speed to allow the engine to cool down before stopping it.

12.15 STOPPING ENGINE

NOTICE

If the engine is abruptly stopped before it has cooled down, engine life may be greatly shortened. Consequently, do not abruptly stop the engine apart from an emergency.

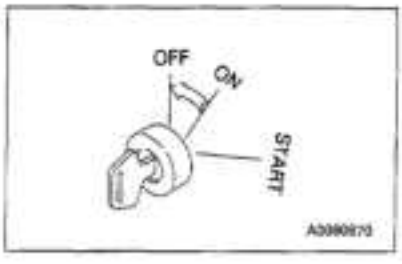
In particular, if the engine has overheated, do not abruptly stop it but run it at medium speed to allow it to cool gradually, then stop it.



1. Run the engine at low idling speed for about 5 minutes to allow it to gradually cool down.

2. Turn the key in starting switch ① to the OFF position and stop the engine.

3. Remove the key from starting switch ①.



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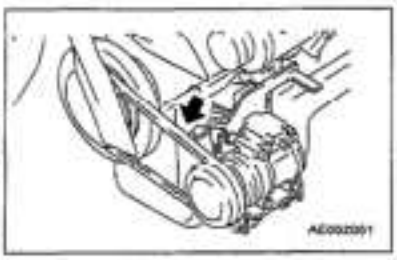
23. MAINTENANCE SCHEDULE CHART

23.1 MAINTENANCE SCHEDULE CHART

SERVICE ITEM	PAGE
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Replace fuel filter cartridge	3-24
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24.6.5 CHECK AIR CONDITIONER COMPRESSOR BELT TENSION, ADJUST



CHECKING

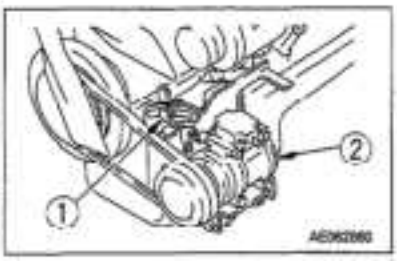
The deflection of the belt should be approx. 11 – 15 mm (0.43 – 0.59 in) when pressed with the thumb force of approx. 10 kg (22 lb) at a point midway between the air conditioner compressor pulley and fan pulley.

When belt tension gauge is used, it is considered normal for tension to remain in the range of 36 – 54 kg (79 – 119 lb).

Check when changing the V-belt

The deflection of the belt should be approx. 8 – 11.5 mm (0.31 – 0.45 in) when pressed with the thumb force of approx. 10 kg (22 lb) at a point midway between the air conditioner compressor pulley and fan pulley.

When belt tension gauge is used, it is considered normal for tension to remain in the range of 54 – 76 kg (119 – 168 lb).



ADJUSTING

Loosen bolt ① and move compressor ② to adjust the belt tension.

Check each pulley for damage, wear of the V-groove, and wear of the V-belt. In particular, be sure to check that the V-belt is not touching the bottom of the V-groove.

Replace the V-belt if it has stretched, leaving no allowance for adjustment, or if there is any cut or crack on belt.

When adjusting the V-belt, do not push the compressor directly with a bar. Use a wrench.

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