845B VHP
865B VHP
885B VHP
Graders

Operator's Manual

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CASE CONSTRUCTION

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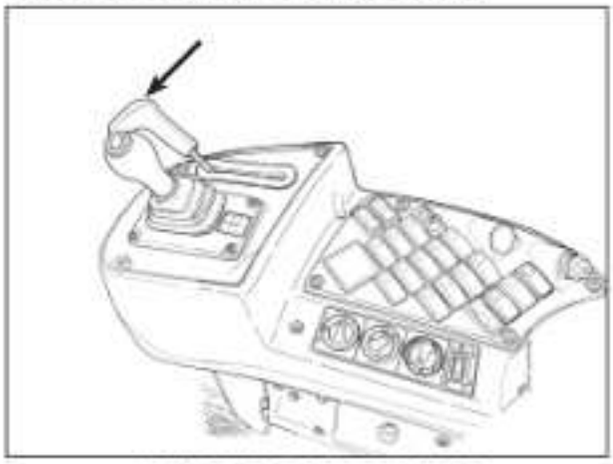
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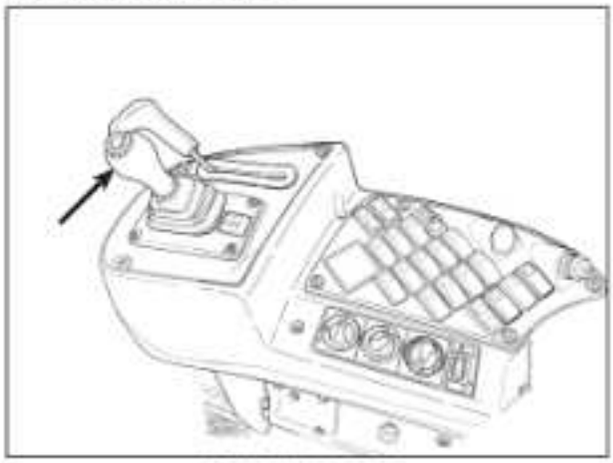
3A. ACCELERATOR CONTROL LEVER



ACCELERATOR CONTROL LEVER
(845B / 865B / 885B MODELS WITH ZF TRANSMISSION)

The engine will remain at low rotation with the accelerator lever totally in the forward position, and its rotation will increase when the accelerator lever is pulled totally backwards.

4A. GEARSHIFT LEVER



GEARSHIFT LEVER
(845B / 865B / 885B MODELS WITH ZF TRANSMISSION)

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Transmission Fluid Filter Change

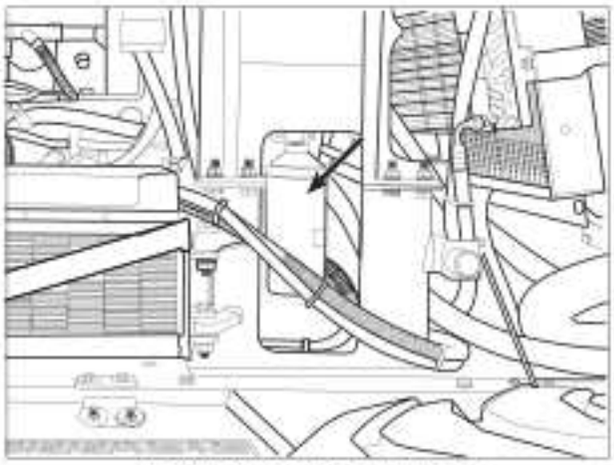
Each 500 hours

> **WARNING:** *Never use gasoline, solvent or other flammable fluids to clean parts. Use authorized commercial, nonflammable, nontoxic solvents.*

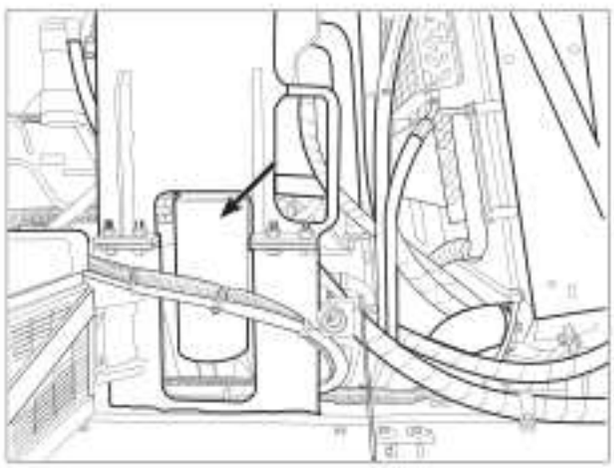
Clean filter and surrounding area. Then remove the filter housing, change the elements and gaskets. Clean the inside of the filter housing and contact surface. Install the new filter.

Lubricate the filter seal with a thin coat of clean fluid and tighten the new filter until it contacts with the sealing surface. Tighten the filter 1/3 to 1/2 a turn more.

> **ATTENTION:** *Dispose used filters in specialized recycling stations.*



ZF TRANSMISSION FLUID FILTER
(845B / 865B / 885B WITH ZF TRANSMISSION)



FUNK TRANSMISSION FLUID FILTER
(845B / 865B / 885B WITH FUNK TRANSMISSION)

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865B Models

	Models with ZF transmission			Models with FUNK transmission		
	kg	lb	%	kg	lb	%
Basic machine with STD equipment and cab (*)						
Operating weight	14774	32571	100	14988	33043	100
Weight on front axle	3774	8320	26	3774	8320	25
Weight on rear axle	11000	24251	74	11214	24723	75
Blade pressure	8341	18389	–	8341	18389	–
Machine as above (*) with scarifier only						
Operating weight	15344	33828	100	15558	34300	100
Weight on front axle	4344	9577	28	4344	9577	28
Weight on rear axle	11000	24251	72	11214	24723	72
Blade pressure	8865	19544	–	8865	19544	–
Machine as above (*) with ripper and front push plate						
Operating weight	16124	35547	100	16338	36019	100
Weight on front axle	4274	9423	27	4274	9423	26
Weight on rear axle	11850	26125	73	12064	26597	74
Blade pressure	9081	20020	–	9081	20020	–
Machine as above (*) with ripper and front dozer blade						
Operating weight	16789	37013	100	17003	37485	100
Weight on front axle	4939	10889	29	4939	10889	29
Weight on rear axle	11850	26125	71	12064	26597	71
Blade pressure	9355	20624	–	9355	20624	–
Component weights						
Cab	850	1874	–	850	1874	–
ROPS	600	1323	–	600	1323	–
Front counterweight	492	1085	–	492	1085	–

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MAINTENANCE

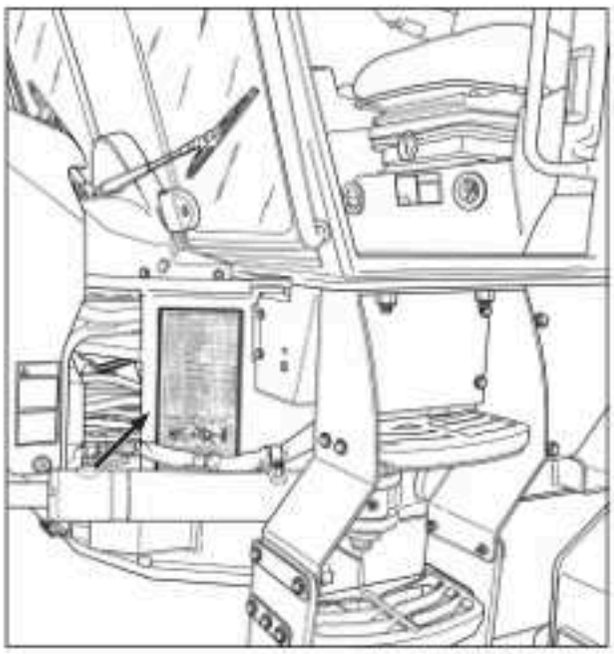
General

Always check oil level and drain or fill all the reservoirs with the engine off and machine on a flat ground.

The intervals specified here refer to normal operating conditions. During the initial period of use (run-in) and under severe working conditions, the servicing intervals need to be shortened.

Drain the engine oil immediately after shutting off the engine while the oil is warm and flows more easily. This will also assist the discharge of impurities.

After refilling system the oil should be checked only after engine has been run at low idle for a few minutes. This procedure insures that the oil cooler, filters, lines, etc., are completely full before the oil level check is made.





MAINTENANCE AND LUBRICATION CHART DECAL

Peças Plásticas e em Resina

Evite utilizar gasolina, querosene, thinner, etc. para limpar janelas plásticas de inspeção, console, painel de instrumentos, mostradores, indicadores etc. Use SOMENTE água e sabão neutro e um pano macio para limpar estas peças.

A utilização de gasolina, querosene, thinner etc. irá causar descoloração, rachaduras ou deformação da peça que for submetida a tais produtos.

SYSTEMGARD LUBRICATION ANALYSIS PROGRAM

Ask your dealer about our lubricant analysis program, Systemgard. Through this service, your lubricants are tested in an independent laboratory. You simply remove a sample of lubricant from your machine and send the sample to the independent Systemgard laboratory.

After the sample is processed, the laboratory will report back to you and guide you with maintenance requirements.

Systemgard can help support your equipment up time and provide you with a service that can pay back dividends when you trade for another piece of **CASE** equipment.



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