

**PARTS & SERVICE
NEWS**

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SUBJECT: IMPROVED FUEL FILTER FOR 108/125/170 ENGINES ON PC300/1100-6, WA300/450-3, HD465-5, GD705A-4, ETC.

PURPOSE: To introduce unified fuel filter for common use for all the ϕ 108, ϕ 125 and ϕ 170 engines being carried on hydraulic excavators, wheel loaders, motor graders, bulldozers, dump trucks, etc.

APPLICATION: Refer to pages 4 and 5.

FAILURE CODE: A7W1HA

DESCRIPTION:

1. Introduction

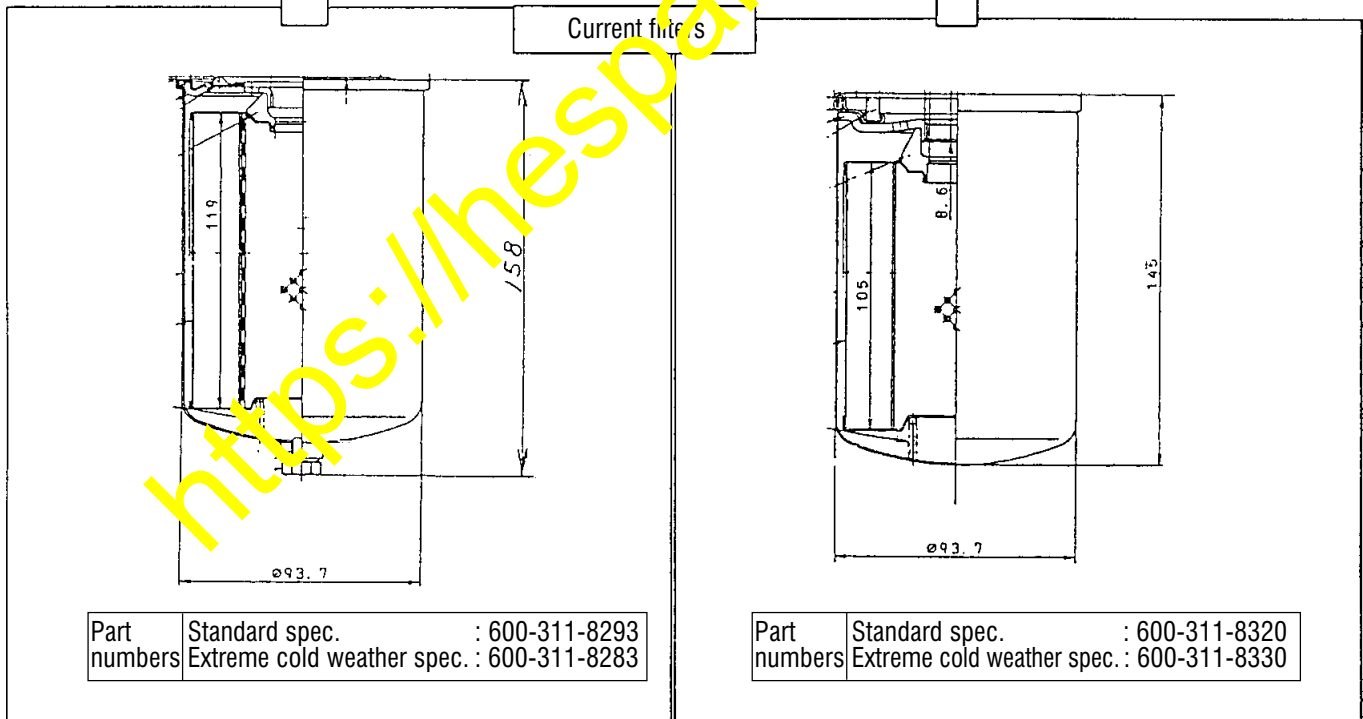
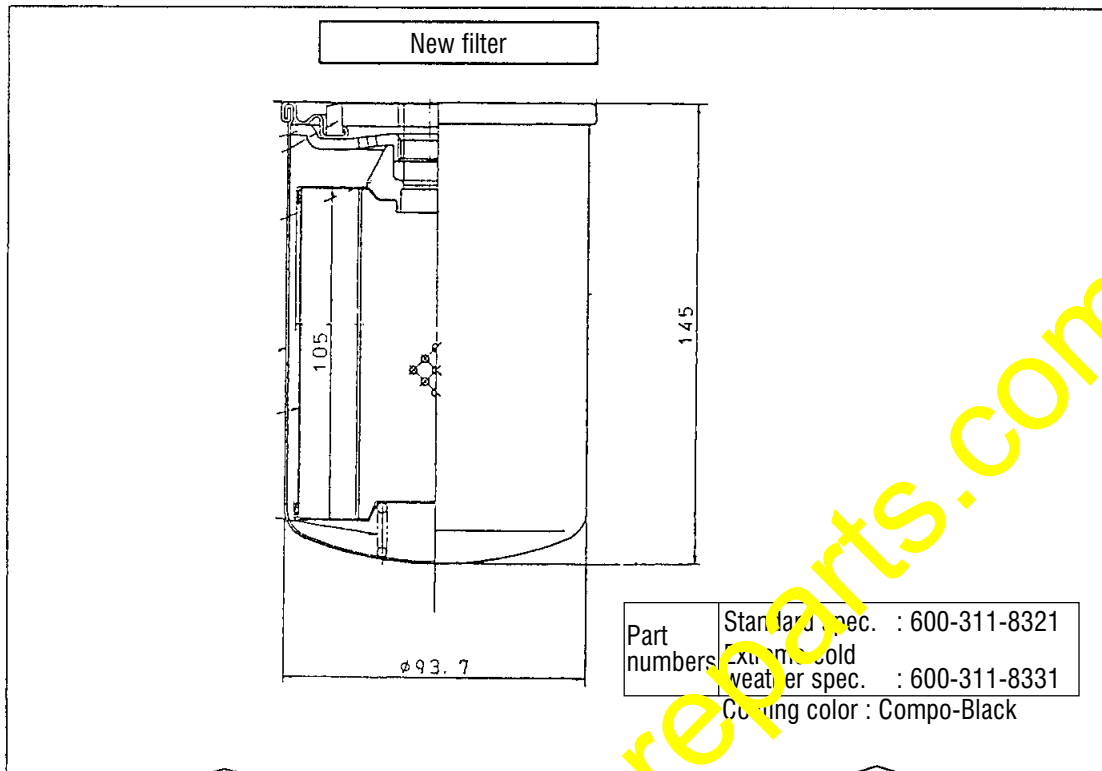
This Service News will introduce improvement of the fuel filter by increasing the with-standing pressure and by unification for common use for all the ϕ 108, ϕ 125 and ϕ 170 engines being carried on hydraulic excavators, wheel loaders, motor graders, bulldozers, dump trucks, etc.

2. List of parts

Part No.	Part Name	Q'ty	Remarks
(For the standard spec.)			
600-311-8321	Cartridge	★1	★1: 1 unit in case of ϕ 108 and ϕ 125 engines 2 units or 3 units in case of ϕ 170 engines
(600-311-8293)	(Cartridge)	(★1)	
(600-311-8320)	(Cartridge)	(★1)	
(For Extreme cold weather spec.)			
600-311-8331	Cartridge	★1	
(600-311-8383)	(Cartridge)	(★1)	
(600-311-8330)	(Cartridge)	(★1)	

3. Contents of the modification

The new unified filter has been designed, on the basis of the reinforced filter, to fit to the existing fuel filter heads of any types.



*** History**

- 1) The current fuel filters are of two types, the fuel filter equipped with the drain boss (Standard spec.: 600-311-8293) and the reinforced fuel filter (Standard spec.: 600-311-8320), but their applications have been limited depending on the machine or vehicle models. For example, the PC300 Series hydraulic excavators had to use the type equipped with the drain boss to avoid occurrence of interference with the filter head, while wheel loaders had to use the reinforced type because of the higher withstanding pressure they require.

Although the aforesaid filters are being used for $\phi 125$ engines and $\phi 170$ engines as well, in addition to the $\phi 108$ engines, applications have also been limited depending on the machine or vehicle models for similar limitations.

The new filter registered this time is applicable to all the machine and vehicle models.

<https://hespareparts.com/>

(Check list for the serial numbers of the machines and engines to which this Service News and Immediate Design Change are applicable)

Current part numbers New part number

(Part number change : 600-311-8293 or 600-311-8320 → 600-311-8321)

No.	※ Applicable models	Applicable serial numbers		Starting from	
		Already shipped machines and engines	Factory shipment new machines and engines		
φ108	1	PC300-6	- #35359	#35360 -	4/20 -
	2	CD110R-1	- #35299	#35364 -	4/23 -
	3	WA300-3	- #35349	#35401 -	4/26 -
	4	WA350-3	- #35318	#35352 -	4/23 -
	5	WA400-3	- #35397	#35411 -	4/26 -
	6	SA6D108-G1		From the next production	
φ125	7	D65EX-12	- #86902	#86903 -	4/23 -
	8	D85A-21	- #86836	#87007 -	5/10 -
	9	PC400-6	- #86920	#86976 -	4/24 -
	10	LW250-5	- #86908	#86909 -	4/20 -
	11	HD205-3	- #86385	From the next production	
	12	GD705A-4A	- #85686	#86967 -	4/27 -
	13	WA450-3	- #86750	#86910 -	4/19 -
	14	SAA6D125-G1	- #86931	#86932 -	4/19 -
φ170	15	WA600-3	- #21287	#21309 -	5/11 -
	16	D375A-3	- #21283	#21297 -	4/25 -
	17	HD465-5	Chassis mounting		
	18	PC1100-6	- #21272	From the next production	
	19	SA6D125A-6H	- #21092	#21294 -	4/24 -
	20	6M95A-2	- #146821	From the next production	
Typical marine engine models	21	6M108A-1	- #21681	#21682 -	5/8 -
	22	6M125A-2	- #10083	#10084 -	5/7 -
	23	6M122A-1	- #10196	#10197 -	4/20 -
	24	6M122B-1	- #10023	#10024 -	5/11 -
Horizontal engines for railway train applications	25	12M140A-1	- #11071		
	26	S6D125-H-1	- #55184	From the next production	
	27	SA6D125-H-1	- #86953		
	28	SA6D125-HD-1	- #77744		
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※ The applicable models indicated above are the typical models only.

No.	※ Applicable models	Applicable serial numbers		Starting from		
		Already shipped machines and engines	Factory shipment new machines and engines			
31	JK-D70LE	- #86889	#86890 -	4/26 -	KI	
32	PC300-DZ6	- #35396	#35499 -	5/23 -	Changzhou	
33	PC300-KV6	- #35326	#35387 -	4/20 -	KUK	
34	PC300-KI6	- #35397	#35398 -	4/23 -	KI	
35	WA470-DZ	- #86730	} From the next production		Changzhou	
36	WA470-HH	- #86730				KOHAG
37	WA600-AC	- #21287				KA
38	WA600-DZ	- #21287				Changzhou
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