

PARTS & SERVICE NEWS

REF NO.	AT04399
DATE	December 23, 2004

SUBJECT: THE LAST CHANCE FILTER OF THE TRANSMISSION WITH STRENGTHENED FLANGE SECTION

PURPOSE: To inform field personnel.

APPLICATION: D155AX-5: 70001-76169
 D275A-5: 25001-25154
 D275A-5D: 25001-25154
 D275AX-5: 20001-20130
 D375A-1: 15001-16384
 D375A-2: 16001-16660
 D375A-5: 18001-18328
 D475A-1: 10001-10104
 D475A-2: 10201-10466
 D475A-3: 10601-10768
 D575A-2: 10001-10043
 D575A-2E: 10001-10043
 D65EX-15: 67001-67552
 D65PX-15: 67001-67508
 D85EX-15: 10001-10152, 10201-10202
 D85PX-15: 1001-1101
 GD805A-1: 10001-10007
 GD825A-1: 10001-10143
 GD825A-2: 11001-12146
 HD1200M-1: 1001-1153
 HD325-5: 2001-4293
 HD465-3: 1501-3054
 HD785-2: 1501-1997
 IT500-1: 30001-30037
 LW250-3: 10320-50331
 LW250L-1: 1001-6401
 LW250M-2: 10001-21035
 WA200-1: 10001-60099
 WA300-1: 10001-50059
 WA500-1: 10001-21259
 WA600-1: 10001-50237
 WA600-3: 50001-52176, 53001-53053, 54001-54013
 WA700-1: 10001-15000
 WA700-3: 50001-51025, 54001

APPLICATION: WA800-1: 10001-10730
 WA800-2: 10501-10737
 WA800-3: 50001-50053, 51001-51004
 WA800L-3: 52001-52003
 WA900-1: 10001-10703
 WA900-3: 50001-50041, 51001-51003
 WA900L-3: 52001-52004
 WD600-3: 50001-50019
 WS23-2: 2001-2004
 WS23S-2: 3001-3118

FAILURE CODE: 15BAHA

DESCRIPTION:

Introduction

This Service News will introduce the last chance filter for the transmission on D65EX with strengthened flange section which increases reliability to prevent damages on the mounting flange section to the case.

List of Parts

The pattern of the combination of the new and current part numbers of the filter ass’y differs depending on the applicable machine model. (Group 1 thru Group 5 - see page 3.) They are interchangeable backward, "New" -> "CURRENT" in a set with the O-Rings.

(Group 1) Regarding the applicable machine models, refer to the comment column in the list of applicable serial numbers.

Part No.	Part Name	Qty	Remarks
154-15-65551 (154-15-65550)	Filter Ass’y	1’	
07000-72015 (07000-72014)	O-ring	2	Replace the filter ass’y in a set.

(Group 2) Regarding the applicable machine models, refer to the comment column in the list of applicable serial numbers.

Part No.	Part Name	Qty	Remarks
154-15-65551 (195-15-75550)	Filter Ass’y	1’	
07000-72015 (07000-72014)	O-Ring	2	Replace the filter ass’y in a set.

(Group 3) Regarding the applicable machine models, refer to the comment column in the list of applicable serial numbers.

Part No.	Part Name	Qty	Remarks
17M-15-45932 (17M-15-45931)	Filter Ass'y	1	
07000-72015 (07000-72014)	O-Ring	2	Replace the filter ass'y in a set.

(Group 4) Regarding the applicable machine models, refer to the comment column in the list of applicable serial numbers.

Part No.	Part Name	Qty	Remarks
17M-15-45932 (17M-15-45930)	Filter Ass'y	1'	
07000-72015 (07000-72014)	O-Ring	2	Replace the filter ass'y in a set.

(Group 5) Regarding the applicable machine models, refer to the comment column in the list of applicable serial numbers.

Part No.	Part Name	Qty	Remarks
426-15-16511 (426-15-16510)	Filter Ass'y	1'	
07000-72015 (07000-72014)	O-Ring	2	Replace the filter ass'y in a set.

Applicable machine serial number table

The Part Nos. in the list of modification parts will differ depending on the distinction of Groups 1-5 indicated in the remark. Select the applicable Group No. in the list of modification parts to keep the parts necessary for this modification of hand.

Applicable machine model	Applicable machine serial number		Remarks
	To be improved	Improved	
D155AX-5	70001-76169	76170-	Group 1 or 2.
D275A-5	25001-25154	25155-	Group 1 or 2.
D275A-5D	25001-25154	25155-	Group 3 or 4.
D275AX-5	20001-20130	20131-	Group 1 or 2.
D375A-1	15001-16384		Group 5.
D375A-2	16001-16660		Group 5.

Applicable machine model	Applicable machine serial number		Remarks
	To be improved	Improved	
D375A-5	18001-18328	18329-	Group 1 or 2.
D475A-1	10001-10104		Group 5.
D475A-2	10201-10466		Group 5.
D475A-3	10601-10768		Group 5.
D575A-2	10001-10043		Group 5.
D575A-2E	10001-10043		Group 5.
D65EX-15	67001-67552	67533-	Group 1 or 2.
D65PX-15	67001-67508	67509-	Group 1 or 2.
D85EX-15	10001-10152	10153-10156	Group 1 or 2.
D85EX-15	10201-10202	10203-	Group 1 or 2.
D85PX-15	1001-1101	1102-	Group 1 or 2.
GD805A-1	10001-10007		Group 5.
GD825A-1	10001-10143		Group 5.
GD825A-2	11001-12146	12147-	Group 5.
HD1200M-1	1001-1153		Group 5.
HD325-5	2001-4293		Group 5.
HD465-3	1501-3054		Group 5.
HD785-2	1501-1997		Group 5.
LT500-1	30001-30037		Group 5.
LW250-3	10320-50331		Group 5.
LW250L-1	1001-6401		Group 5.
LW250M-2	10001-21035		Group 5.
WA200-1	10001-60099		Group 5.
WA300-1	10001-50059		Group 5.
WA500-1	10001-21259		Group 5.
WA600-1	10001-50237		Group 5.
WA600-3	50001-52176	52177-	Group 5.
WA600-3	53001-53053	53054-	Group 5.

Applicable machine model	Applicable machine serial number		Remarks
	To be improved	Improved	
WA600-3	54001-54013	54014-	Group 5.
WA700-1	10001-15000		Group 5.
WA700-3	50001-51025	51026	Group 5.
WA700-3	54001	54002	Group 5.
WA800-1	10001-10730		Group 5.
WA800-2	10501-10737		Group 5.
WA800-3	50001-50053	50054-	Group 5.
WA800-3	51001-51004	51005-	Group 5.
WA800L-3	52001-52003	52004-	Group 5.
WA900-1	10001-10703		Group 5.
WA900-3	50001-50041	50042-	Group 5.
WA900-3	51001-51003	51004-	Group 5.
WA900L-3	52001-52004	52005-	Group 5.
WD600-3	50001-50019	50020-	Group 5.
WS23-2	2001-2004		Group 5.
WS23S-2	3001-3118		Group 5.

1. Improvement

With the improved filter ass'y, the flatness of the mounting surface on the filter case has been improved to reduce the deformation occurring with the flange when the filter ass'y is installed, thus improving the reliability to prevent damage on the flange section of the case.

Also, since the size of the O-ring is different between the new filter ass'y and the current filter ass'y, replace the filter ass'y in a set with the O-ring.

	New	Current	Remarks
Part No. of the filter ass'y	154-15 -65551	154-15 -65550	Refer to the comment column in the list of applicable serial numbers
		195-15 -75550	
	17M-15 -45932	17M-15 -45931	
Although the part number is different with each machine model, the appearance is the same.	426-15 -16511	17M-15 -45930	
		426-15 -16510	
Flatness of the mounting surface	0.04 mm or less	About 0.3 mm	-
Part No. of the O-ring for the mounting surface	07000 -72015	07000 -72014	2 pcs./machine

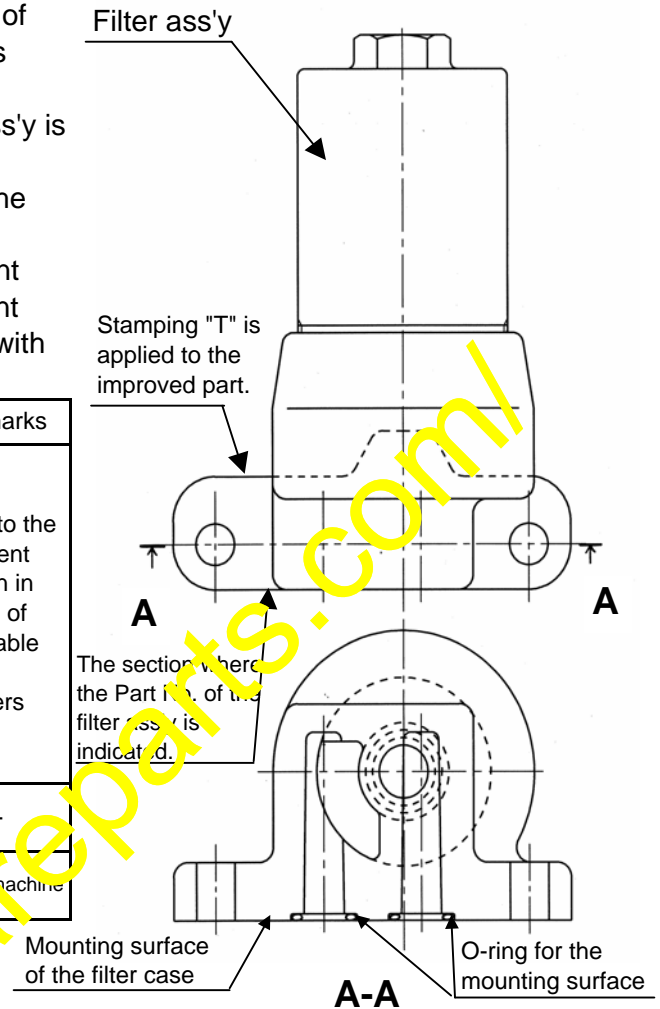


Fig. 1 External view of the filter ass'y

2. Identification method

Stamping "T" is applied to the position as per <Fig. 1> on all the improved filter assemblies. Since the part number of the filter ass'y is seen at the position as per <Fig. 1>, check the part number. (Refer to Fig. 1.)

3. Replacement procedure

1. Referring to the Section "Disassembly and Assembly of Torque Flow Transmission" in the Shop Manual, replace the filter ass'y and the O-ring.
2. After replacing the filter ass'y, tighten the mounting bolts at the tightening torque of 34.3 - 44.1 Nm (3.5 - 4.5 kgfm). (Refer to Fig. 2.)
3. When carrying out the replacement work, be careful not to allow foreign substance to enter into the transmission or into the valve ass'y.

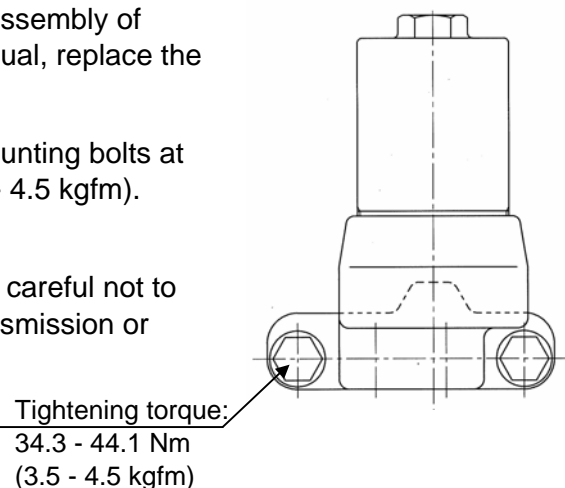


Fig. 2