

# PARTS & SERVICE NEWS

REF NO. AA04059

DATE April 21, 2004

(C)

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**SUBJECT:** BRAKE VALVE SERVICE KITS

**PURPOSE:** To introduce two kits for servicing brake valves.

**APPLICATION:** Komatsu Electric Drive Dump Trucks:  
 930E: 32604-32816, A30019, A30026-A30120;  
 930E-2: A30012, A30098, A30100, A30121-A30293, A30295-A30303;  
 930E-3: A30294, A30304 & Up

**FAILURE CODE:** 2G50Z9

**DESCRIPTION:** Spring Kit (BF4645) & Spool/Sleeve Kit (BF3858)

A spring kit is available for servicing brake valve sub-assembly (BF2875) on 930E trucks. Refer to Figure 1. The kit contains four springs; two of the springs are not serviced separately. Refer to Table 1 for a complete listing of the contents of the kit.

TABLE 1. SPRING KIT (BF4645)

Item Number Figure 1.	Part Number	Description	Quantity
8	VE9403	Spring, Return (NSS)	2
12	VE9401	Spring, Spool (NSS)	2
23	VE8080	Spring, Regulator	2
24	BF2899	Spring, Regulator	2
Not applicable	BF1535	Bag	1

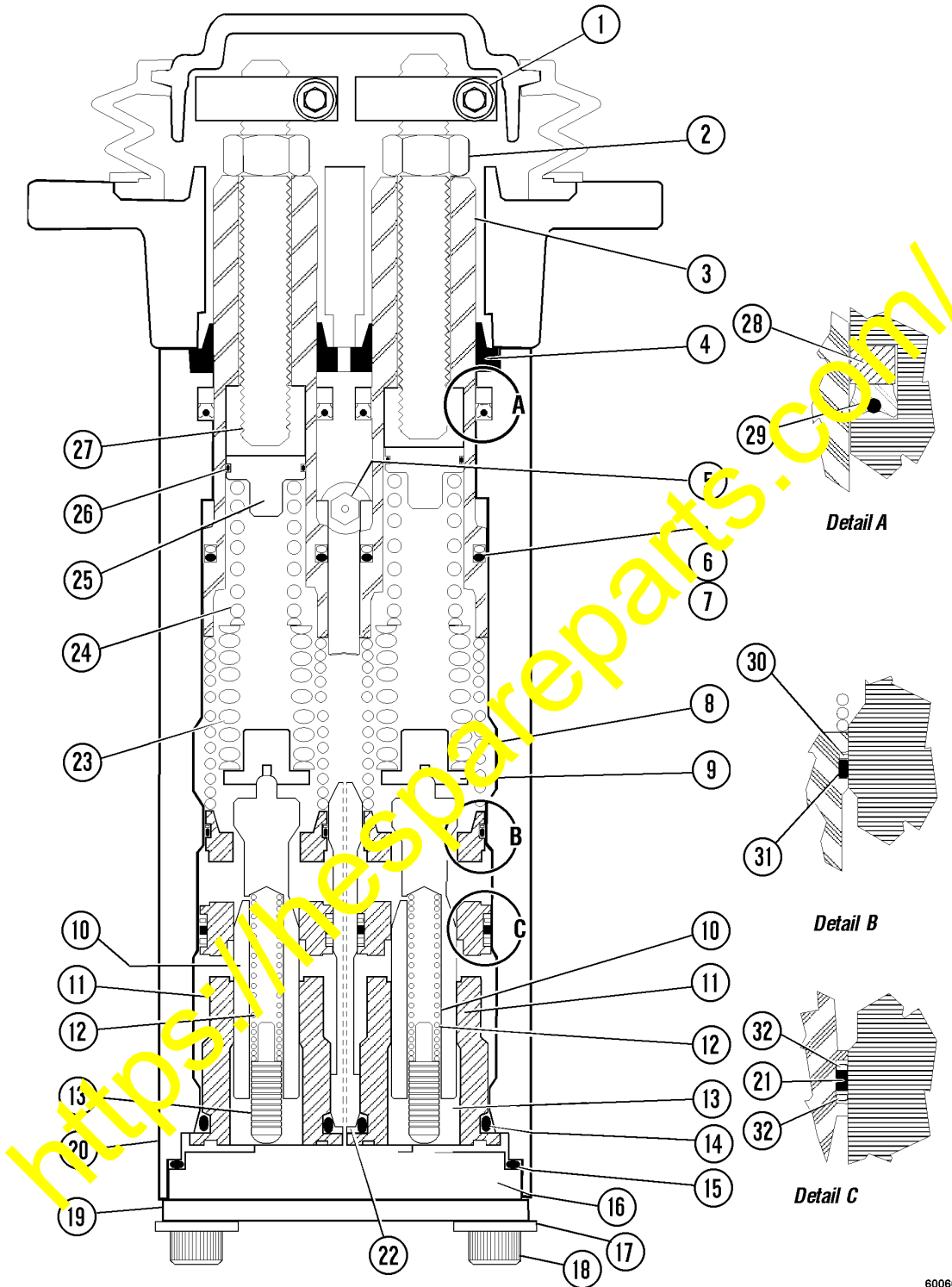
NSS = Not Serviced Separately

A spool and sleeve kit is also available for servicing the bottom section of the valve. The kit consists of two sleeves, two plungers, and two regulating spools. None of these components are serviced separately. Refer to Table 2 for a complete listing of the contents of the kit.

TABLE 2. SPOOL/SLEEVE KIT (BF3858)

Item Number Figure 1.	Part Number	Description	Quantity
11	VE9415	Sleeve	2
10	EF5752	Spool, Regulating	2
13	VE1395	Plunger	2
Not applicable	BF1535	Bag	1

NSS = Not Serviced Separately



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FIGURE 1. BRAKE VALVE SUB-ASSEMBLY (BF2875)