KOBELCO

SERVICE MANUAL

HYDRAULIC EXCAVATOR

SK200SR

SK200SRLC

S5YB0102E 02

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TOOLS

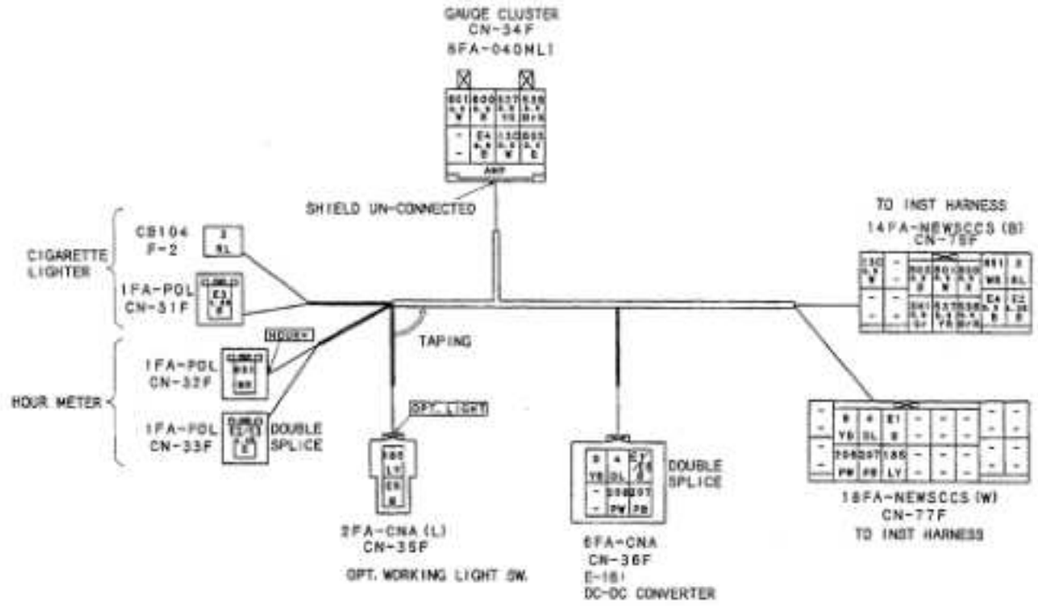
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3.9.3 CAB RIGHT FRONT HARNESS (STD) : YY14E01039P1 KCME



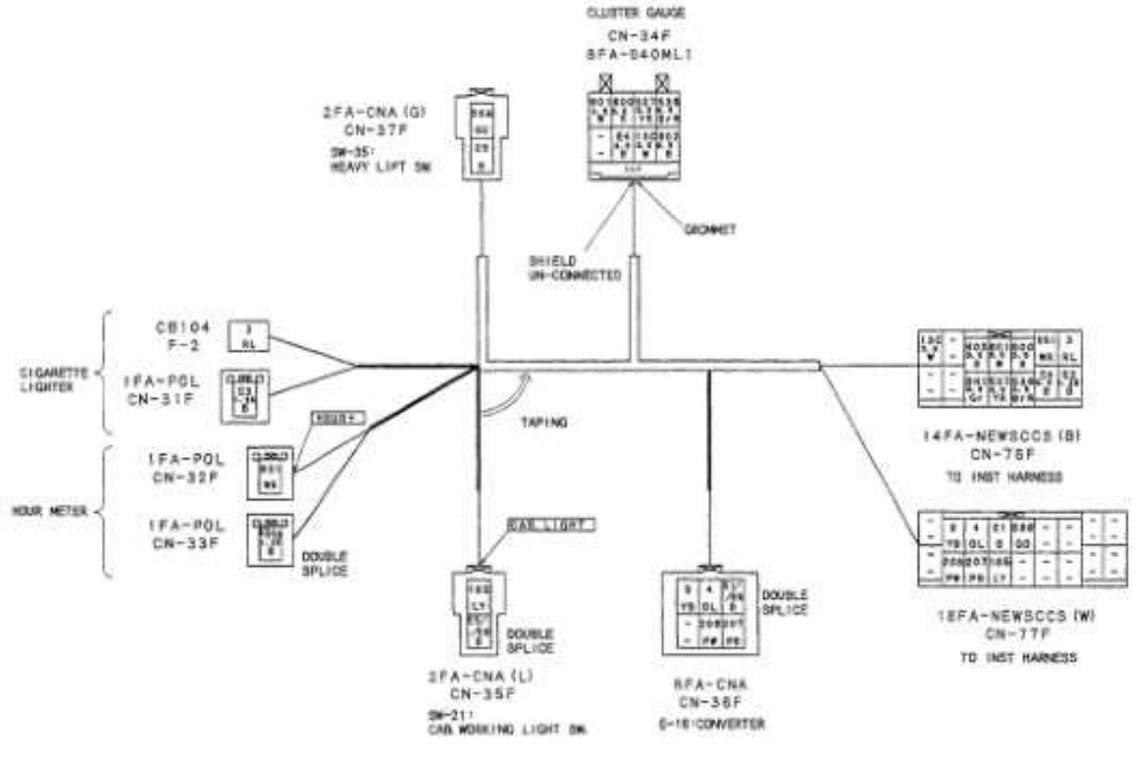
WIRE NO	WIRE COLOR	WIRE SIZE	FROM	CONNECTION	TO
3	RL	AVSS0.75sq	F-2		CN-76F
4	GL	AVSS0.75sq	CN-36F		CN-77F
9	YB	AVSS0.75sq	CN-36F		CN-77F
13C	W	AVS0.5sq	CN-34F		CN-76F
185	LY	AVSS0.75sq	CN-35F		CN-77F
207	PB	AVSS0.75sq	CN-36F		CN-77F
208	PW	AVSS0.75sq	CN-36F		CN-77F
536	BrR	AVS0.5sq	CN-34F		CN-76F
537	YR	AVS0.5sq	CN-34F		CN-76F
600	R	MVVS0.5sq 3 COLES SHIELD	CN-34F		CN-76F
601	W		CN-34F		CN-76F
602	B		CN-34F		CN-76F
SH1	Gr				CN-76F
651	WR	AVSS0.75sq	CN-32F		CN-76F
E1	B	AVSS0.75sq	CN-77F	DOUBLE SPLICE	CN-36F
E5	B	AVSS0.75sq	CN-35F	DOUBLE SPLICE	CN-36F
E2	B	AVSS1.25sq	CN-76F		CN-33F
E3	B	AVSS1.25sq	CN-31F		CN-33F
E4	B	AVS0.5sq	CN-34F		CN-76F

CONNECTORS SELECTION TABLE

CONNECTOR NAME (PIN NUM.)	MANUFUC.	PART. NUMBER	
		HOUSING	TERMINAL
14FA-NEWSCCS (B)	AMP	178689-2	175265-1 (0.40 GOLD PLATING) 175269-1 (0.76 PLATING)
CB104	AMP	170003-5	170589-1
1FA-POL	AMP	171809-2	170233-1
2FA-CNA (L)	AMP	172130-5	170032-2
6FA-CNA	AMP	171898-1	170032-2
8FA-040MLI	AMP	174044-2	173681-1
18FA-NEWSCCS (W)	AMP	178690-1	175265-1 (0.40 GOLD PLATING) 175269-1 (0.76 PLATING)

Fig. 27 Cab right front harness

3.9.10 CAB RIGHT FRONT HARNESS (STD) : YB14E01018P1 KCMA



WIRE NO	WIRE COLOR	WIRE SIZE	FROM	CONNECTION	TO
3	RL	AVSS0.75sq	F-2		CN-76F
4	GL	AVSS0.75sq	CN-36F		CN-77F
9	YB	AVSS0.75sq	CN-36F		CN-77F
13C	W	AVS0.5sq	CN-34F		CN-76F
185	LY	AVSS0.75sq	CN-35F		CN-77F
207	PB	AVSS0.75sq	CN-36F		CN-77F
208	PW	AVSS0.75sq	CN-36F		CN-77F
536	BrR	AVS0.5sq	CN-34F		CN-76F
537	YR	AVS0.5sq	CN-34F		CN-76F
568	GO	AVSS0.75sq	CN-37F		CN-77F
600	R	MVVS0.5sq 3 CORES SHIELD	CN-34F		CN-76F
601	W		CN-34F		CN-76F
602	B		CN-34F		CN-76F
SH1	Gr				CN-76F
651	WR	AVSS0.75sq	CN-32F		CN-76F
E1	B	AVSS0.75sq	CN-77F	DOUBLE SPLICE	CN-36F
E5	B	AVSS0.75sq	CN-35F	DOUBLE SPLICE	CN-36F
E6	B	AVSS0.75sq	CN-35F		CN-37F
E2	B	AVSS1.25sq	CN-76F	DOUBLE SPLICE	CN-33F
E3	B	AVSS1.25sq	CN-31F		CN-33F
E4	B	AVS0.5sq	CN-34F		CN-76F

CONNECTORS SELECTION TABLE

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14FA-NEWSCCS (B)	AMP	178689-2	175265-1 (0.40 GOLD PLATING) 175269-1 (0.76 PLATING)
CB104	AMP	170003-5	170589-1
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2FA-CNA (L)	AMP	172130-5	170032-2
6FA-CNA	AMP	171898-1	170032-2
8FA-040MLI	AMP	174044-2	173681-1
18FA-NEWSCCS (W)	AMP	178690-1	175265-1 (0.40 GOLD PLATING) 175269-1 (0.76 PLATING)
2FA-CNA (G)	AMP	172130-4	170032-2

Fig. 28 Cab right front harness

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12. RADIATOR & OIL COOLER

12.1 PREPARATION FOR REMOVAL

(1) Bleed air from the hydraulic tank and install the suction stopper.

(2) Remove counterweight
(See 11. COUNTERWEIGHT)

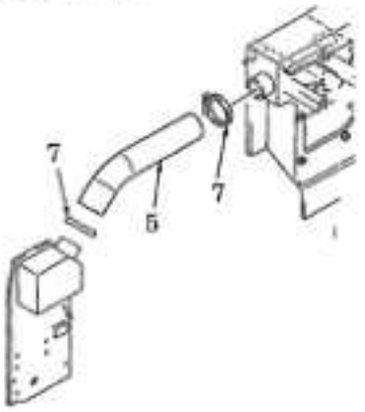


Fig. 12-1 Removing air cleaner hose

(3) Remove air cleaner hose
1) Loosen clips (7).
2) Pulling out hose (5).
Refer to 9. AIR CLEANER
: Flat-blade screwdriver

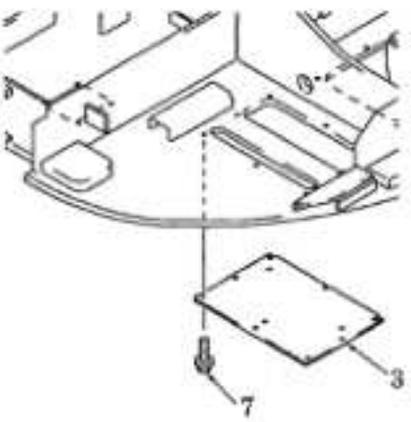


Fig. 12-2 Removing under cover (3)

(4) Removing under cover installed on lower side of radiator.
1) Remove eight sems bolts (7) M12×25.
2) Remove cover (3).
: 19mm

(5) Drain down of radiator
Put container 18ℓ (5gal) under drain cock hose for draining water.
[Water capacity of radiator : 9.5ℓ (2.5gal)]

(6) Remove washer tank (A4)
1) Pulling out hose.
2) Move washer tank.

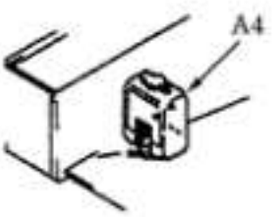


Fig. 12-3 Removing washer tank (A4)

(7) Remove sub tank (B2) for radiator
1) Loosen clip (B15) on one side of hose (B8) and pull out hose.
2) Remove four capscrews (B17) M8×25 and separate sub tank (B2) from bracket assy.
: 13mm

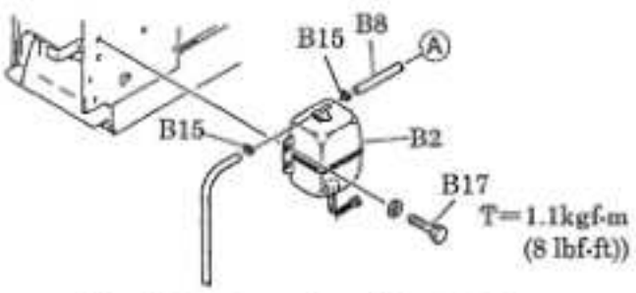
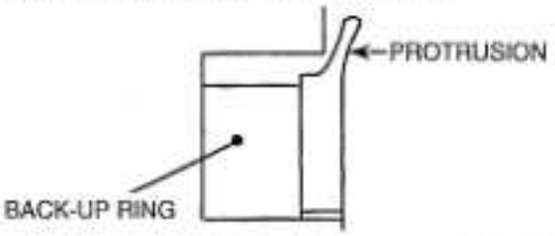
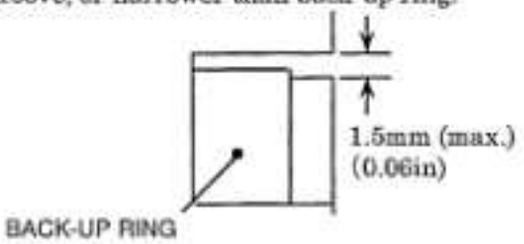
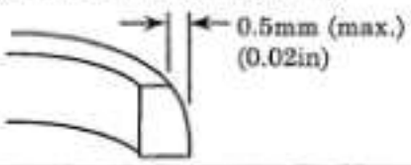
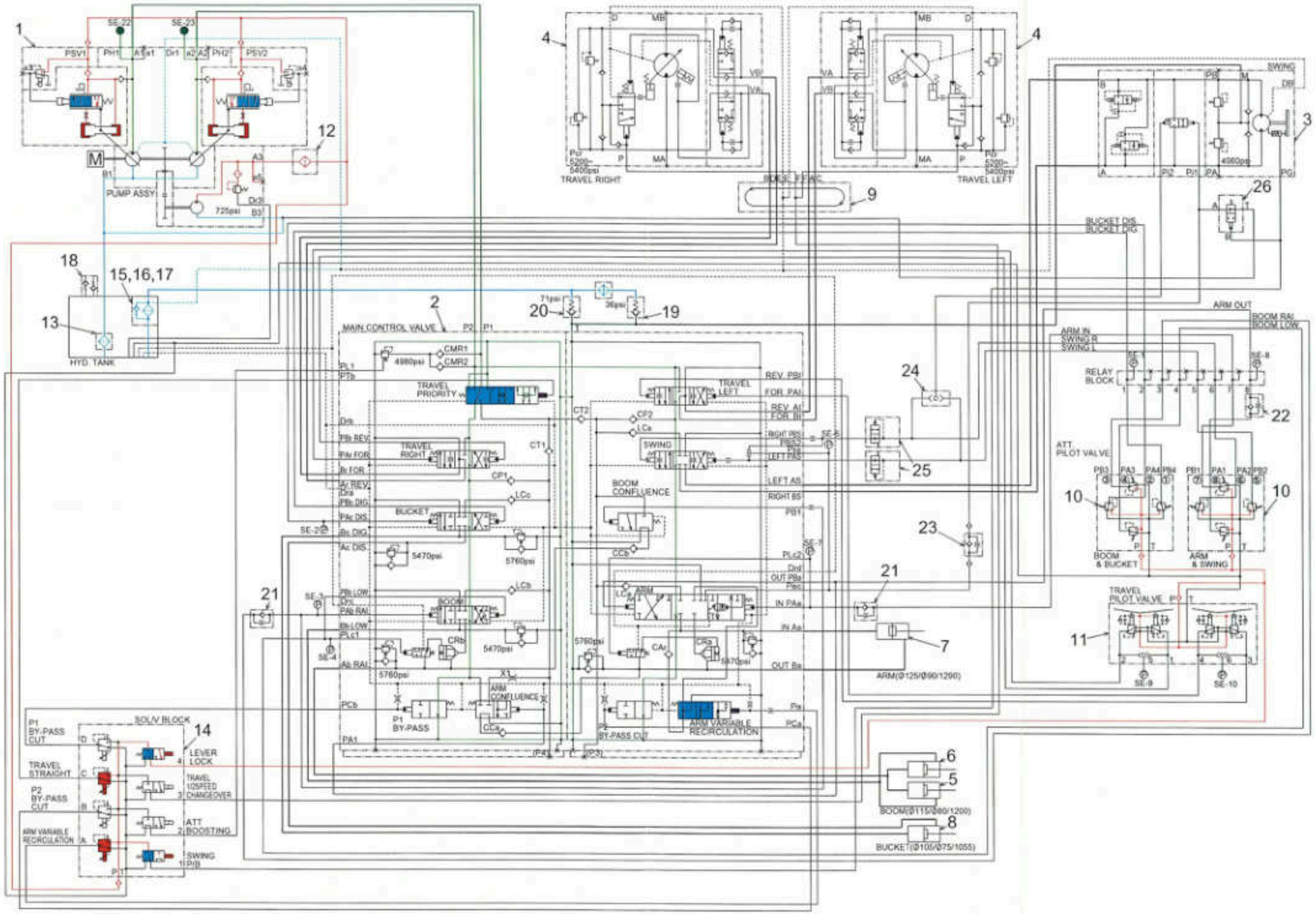


Fig. 12-4 Removing sub tank (B2)

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Parts		Maintenance Standards	Remedy
Slipper ring		1) Protruded excessively from seal groove.  	Replace (With back-up ring)
		2) Slipper ring 1.5mm (0.06in) narrower than seal groove, or narrower than back-up ring.  	Replace (With back-up ring)
		3) Worn unevenly more than 0.5mm (0.02in)  	Replace (With back-up ring)

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PRESSURE DRAIN (RELEASE) CIRCUIT

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