NEW HOLLAND

CRAWLER EXCAVATOR

E175B TIER 3

REPAIR MANUAL

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E175B REPAIR MANUAL

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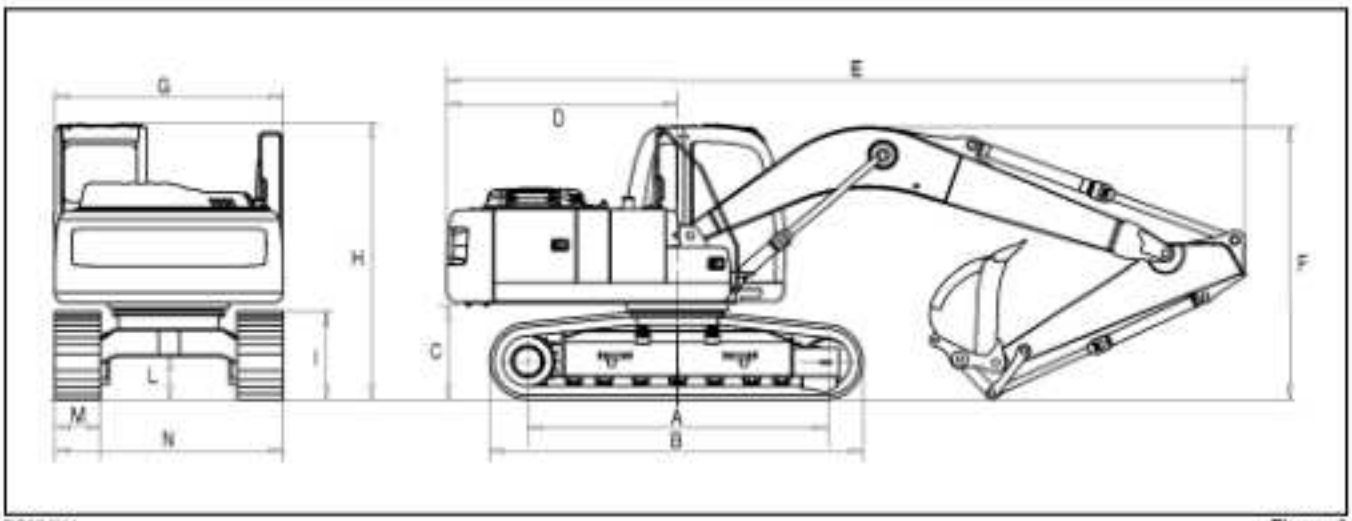
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TRANSPORTING DIMENSIONS

Monoboom



BC07J511

Figure 6

VERSIONS		A	B	C	D	E	F	G	H	I	L
E175BL	mm (ft)	3280 (10.76)	4087 (13.41)	1021 (3.35)	2520 (8.27)	-	-	2490 (8.17)	3008 (9.87)	950 (3.12)	490 (1.61)
						[2] 8672 (28.45)	[2] 2846 (9.34)				
						[3] 8678 (28.47)	[3] 2928 (9.60)				
E175BLC	mm (ft)	3280 (10.76)	4087 (13.41)	1021 (3.35)	2520 (8.27)	-	-	2490 (8.17)	3008 (9.87)	950 (3.12)	490 (1.61)
						[2] 8672 (28.45)	[2] 2846 (9.34)				
						[3] 8678 (28.47)	[3] 2928 (9.60)				

Arm:dimensions in mm (ft)

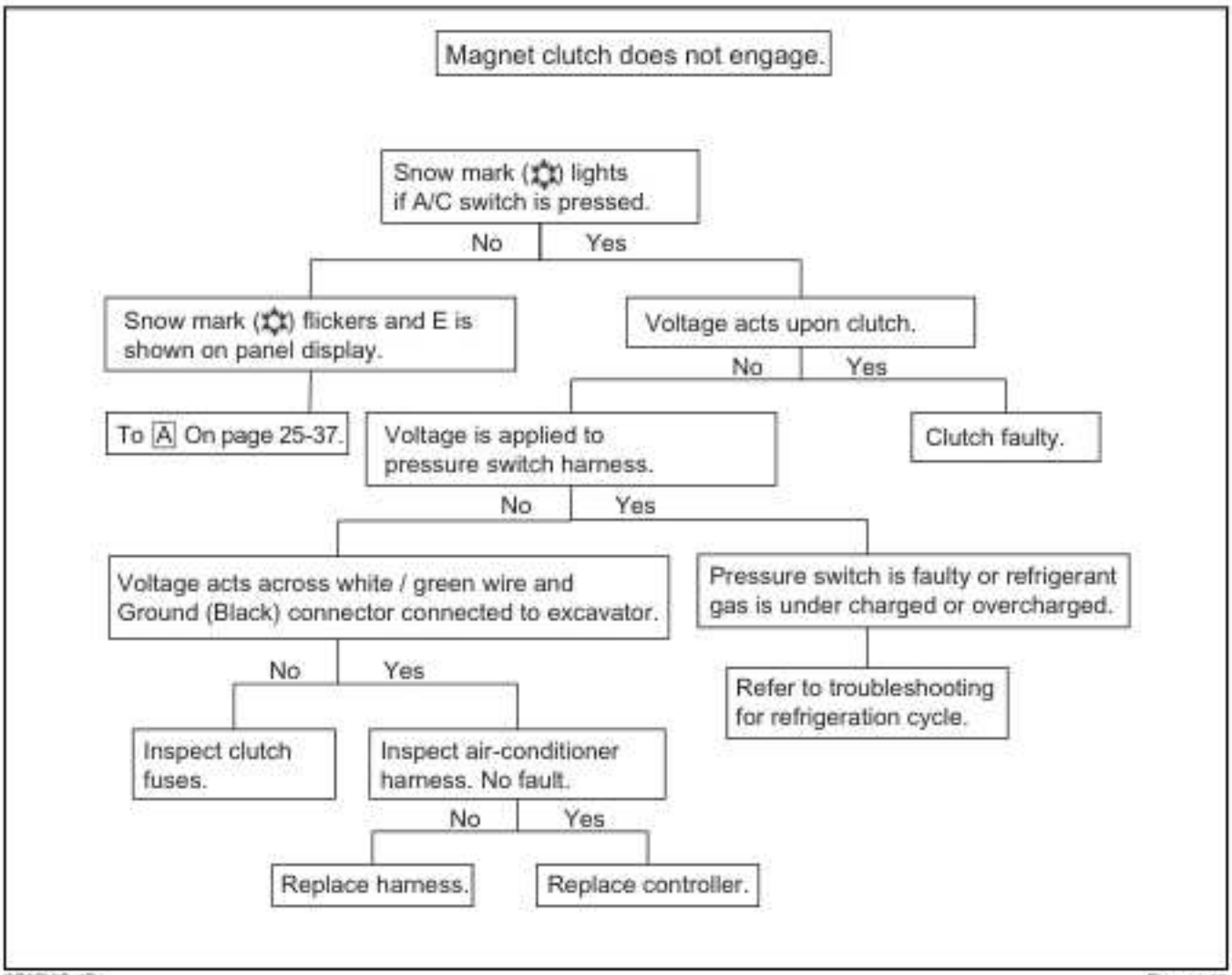
[2] 2600 mm

[3] 3100 mm

			E175BL				E175BLC				
M	Track shoe width	mm (ft)	500 (1.64)	600 (1.97)	700 (2.29)	800 (2.62)	500 (1.64)	600 (1.97)	700 (2.29)	800 (2.62)	900 (2.95)
N	Gauge	mm (ft)	2490 (8.17)	2590 (8.50)	2690 (8.83)	2790 (9.15)	2690 (8.83)	2790 (9.15)	2890 (9.48)	2990 (9.81)	3090 (10.14)
(*) Working weight		kg (lbs)	17250 (38030)	17500 (38580)	17750 (39130)	18000 (39683)	17550 (38691)	17800 (39242)	18050 (39793)	18300 (40345)	18550 (40896)
Spec. ground pres.		bar	0.46	0.39	0.34	0.30	0.47	0.39	0.34	0.30	0.27

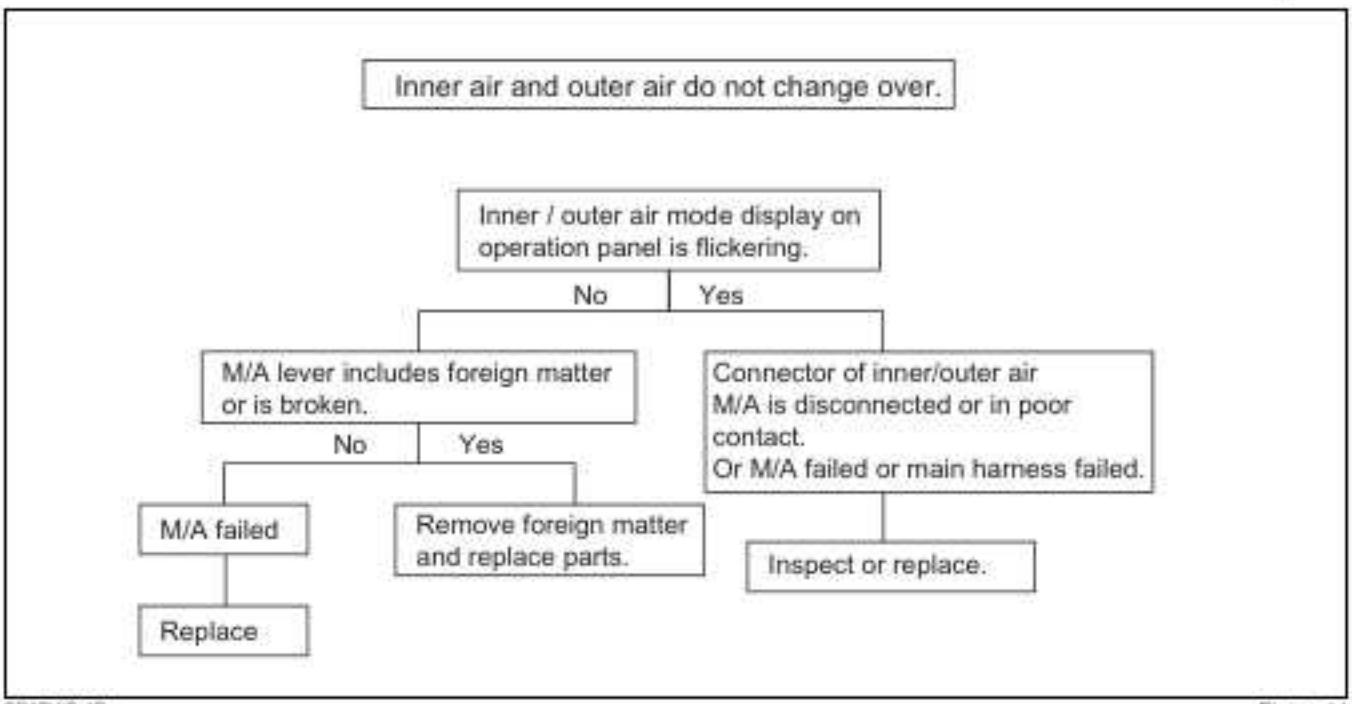
(*) With arm 3100 mm and bucket 0.51 m^3

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GRAPHIC_1D

Figure 43



GRAPHIC_1D

Figure 44

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Error Codes

Table 1

Error code	**A015**		
Trouble	Not yet adjusted engine or failed adjustment of engine (A adjustment)		
Judging condition	Engine adjustment is missed. Or it is impossible to set the adjusting value within the adjusting range.		
Symptom	Deviated from the required value, but no problem in normal operations.		
Control in the event of failure	Rotate with the default engine.		
Returned in normal condition	The engine adjustment is completed normally.		
Service diagnosis checking screen	Screen No.	2	G-3 SPEED SET
	Screen No.		
	Screen No.		
Checking object			Checking contents and remedy
1	Checking		Carry out engine adjustment (A adjustment). When ERROR ENG was displayed during adjustment, refer to the section ADJUSTMENT PROCEDURE - MEASURES TO BE TAKEN WITH THE ADJUSTMENT FAILED
2	Mechatro controller		Check that the error is corrected after replacement of controller.
3			

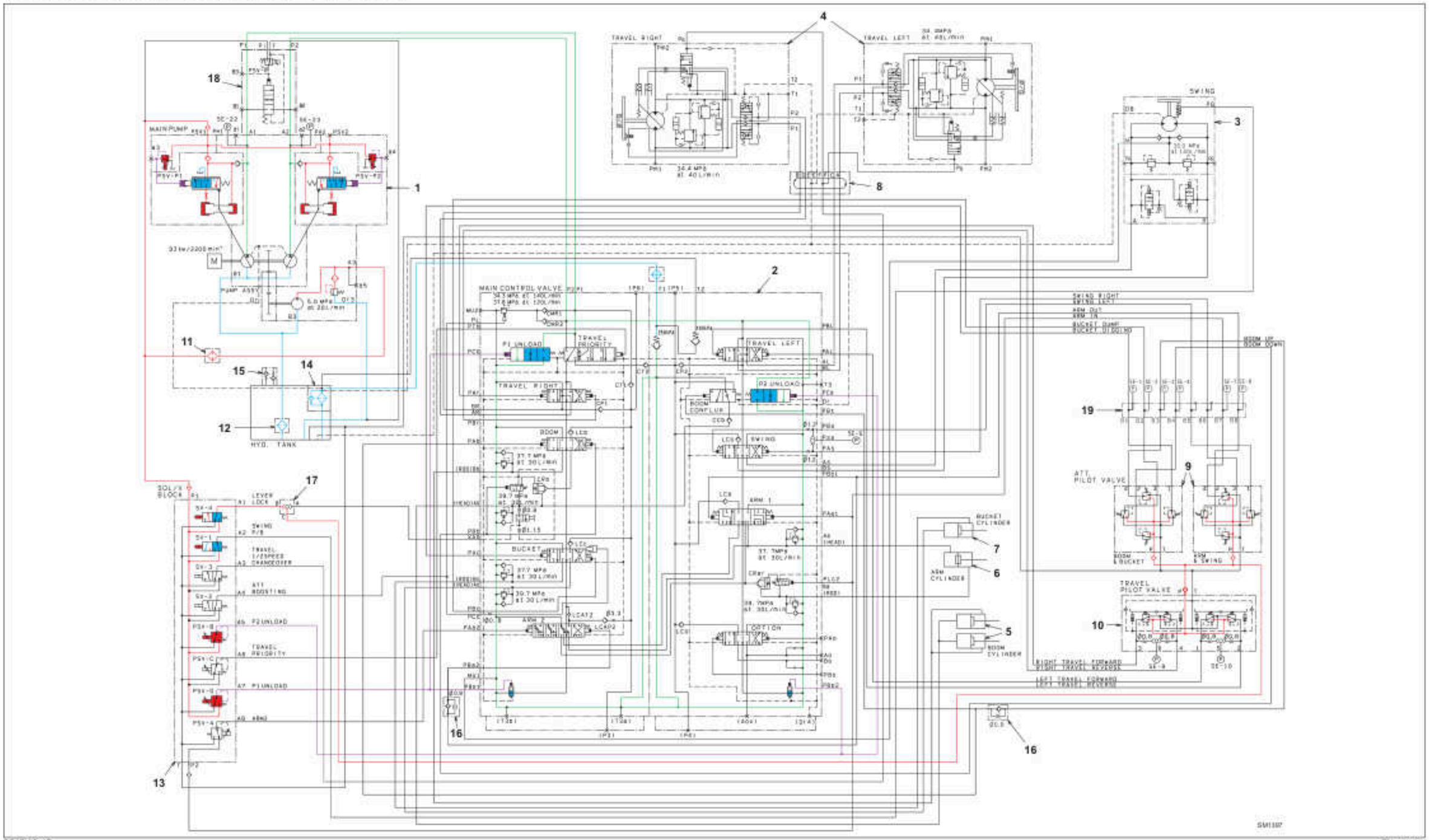
Table 2

Error code	**A025**		
Trouble	Not yet adjusted engine or failed adjustment of pump proportional valve (B adjustment)		
Judging condition	Pump proportional valve adjustment is missed. Or it is impossible to set the adjusting value within the adjusting range.		
Symptom	Deviated from the rated output, but no problem in normal operation.		
Control in the event of failure	Workable with the default proportional valve output.		
Returned in normal condition	The pump proportional valve adjustment is completed normally.		
Service diagnosis checking screen	Screen No.	9	E-1 P1 PUMP
	Screen No.	9	E-2 P2 PUMP
	Screen No.		
Checking object			Checking contents and remedy
1	Checking		Carry out pump adjustment (B adjustment). When ERROR PUMP was displayed during adjustment, refer to the section ADJUSTMENT PROCEDURE - MEASURES TO BE TAKEN WITH THE ADJUSTMENT FAILED
2	Mechatro controller		Check that the error is corrected after replacement of controller.
3			

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SECTION 2 - SYSTEMS
CHAPTER 2 - HYDRAULIC SYSTEM

Pressure Draining (Releasing) Circuit: At Pressure Release Mode.



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Figure 20

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