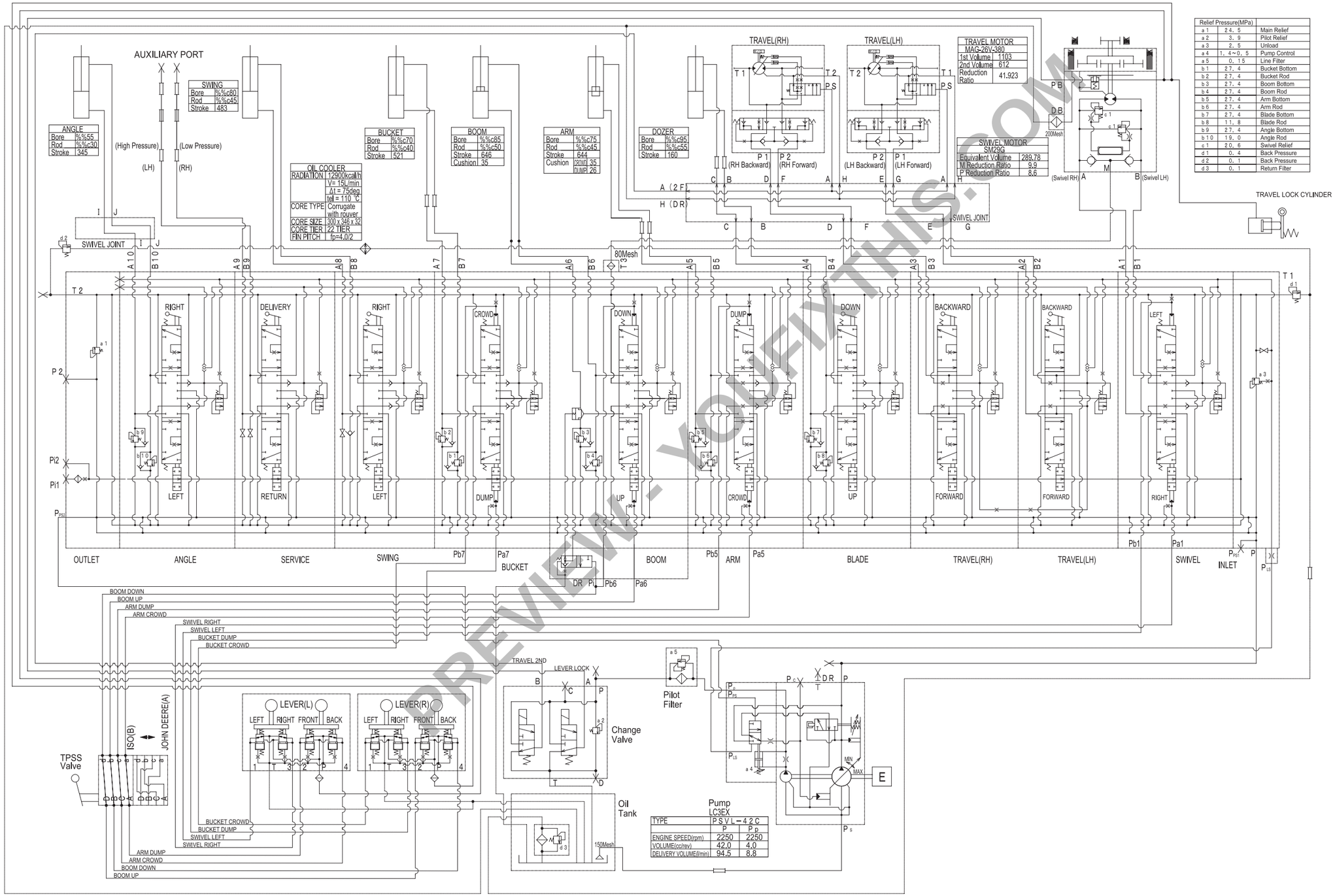
H.Hydraulic Circuit

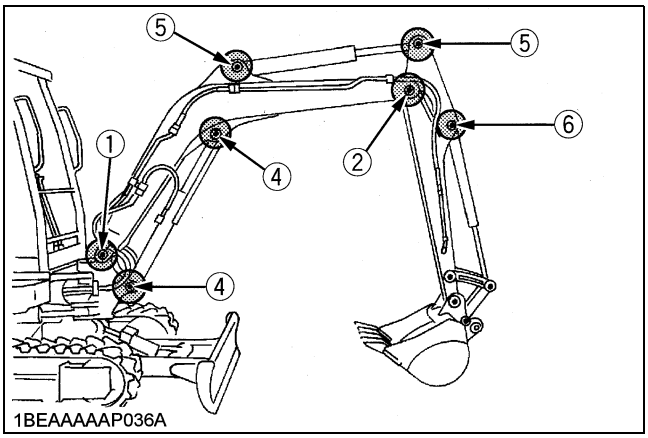
a. KX121-3 Hydraulic Circuit (USA, Angle blade)



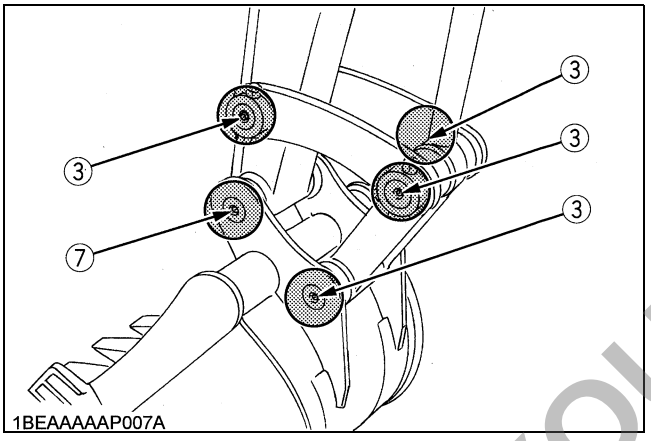
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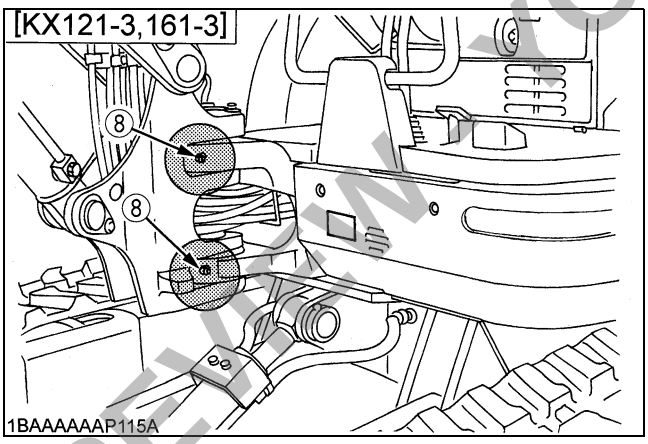
C.Lubrication point of angle dozer



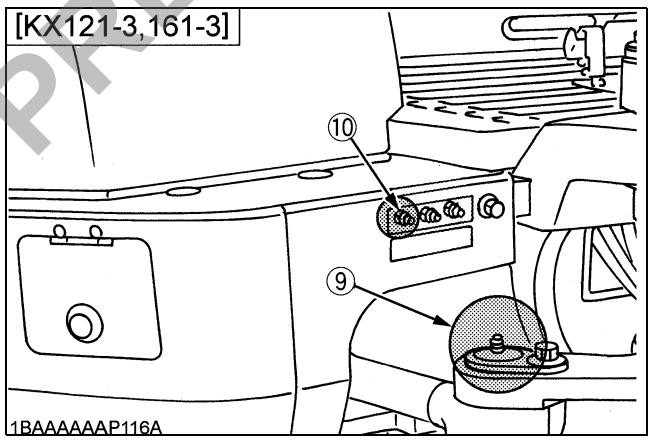
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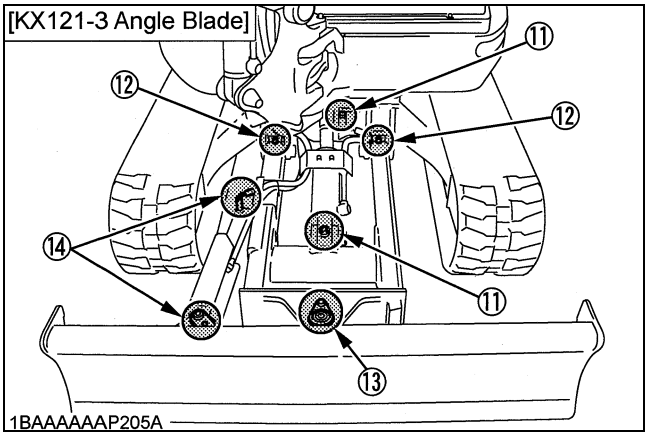
CAUTION

To avoid personal injury :

- **First lower all attachments to the ground then stop the engine and remove the key.**
- **While greasing, take caution not to step on the bucket teeth.**
- **When doing excavation work in water, generously grease the following points.After ending work, grease again.**

Grease the marked grease nipples shown by arrows in the illustration below.

1. Boom bottom linkage 1place
2. Arm bottom linkage 1place
3. Bucket link pin 4place
4. Boom cylinder boss 2place
5. Arm cylinder boss 2place
6. Bucket cylinder boss 1place
7. Fixing pin between arm and bucket 1place
8. Boom swing fulcrum 2place
9. Swing cylinder boss 1place
10. Swing cylinder pin 1place
11. Dozer cylinder boss 2place
12. Dozer linkage pin 2place
13. Angle pin 1place
14. Angle cylinder boss 2place



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A.Specifications



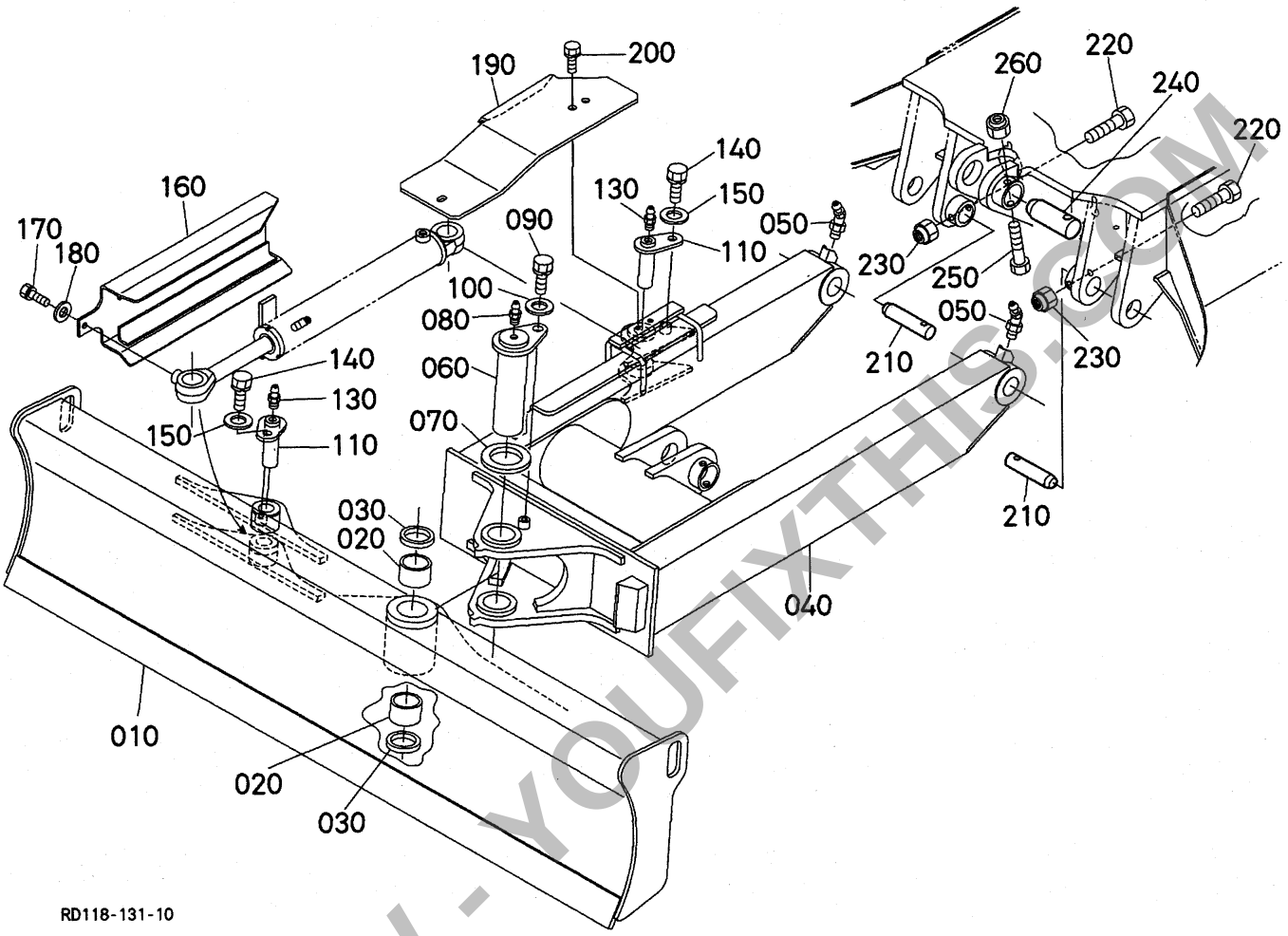
Model		KX121-3 Angle blade type	
Type		Canopy	Cabin
Operating weight	lbs	9080	9226
	kg	4120	4185
Overall length	in	200.4	
	mm	5090	
Overall hight	in	98.2	97.6
	mm	2495	2480
Overall width	in	66.9	
	mm	1700	
Ground contact pressure (with operator)	Psi	4.41	4.55
	kgf/cm^2	0.31	0.32
Dozer Width x Height	in	66.9 x 13.8	
	mm	1700 x 350	
Dozer Max. Swing Angle	Left	25°	
	Right	25°	

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G.Under carriage

a. Angle dozer



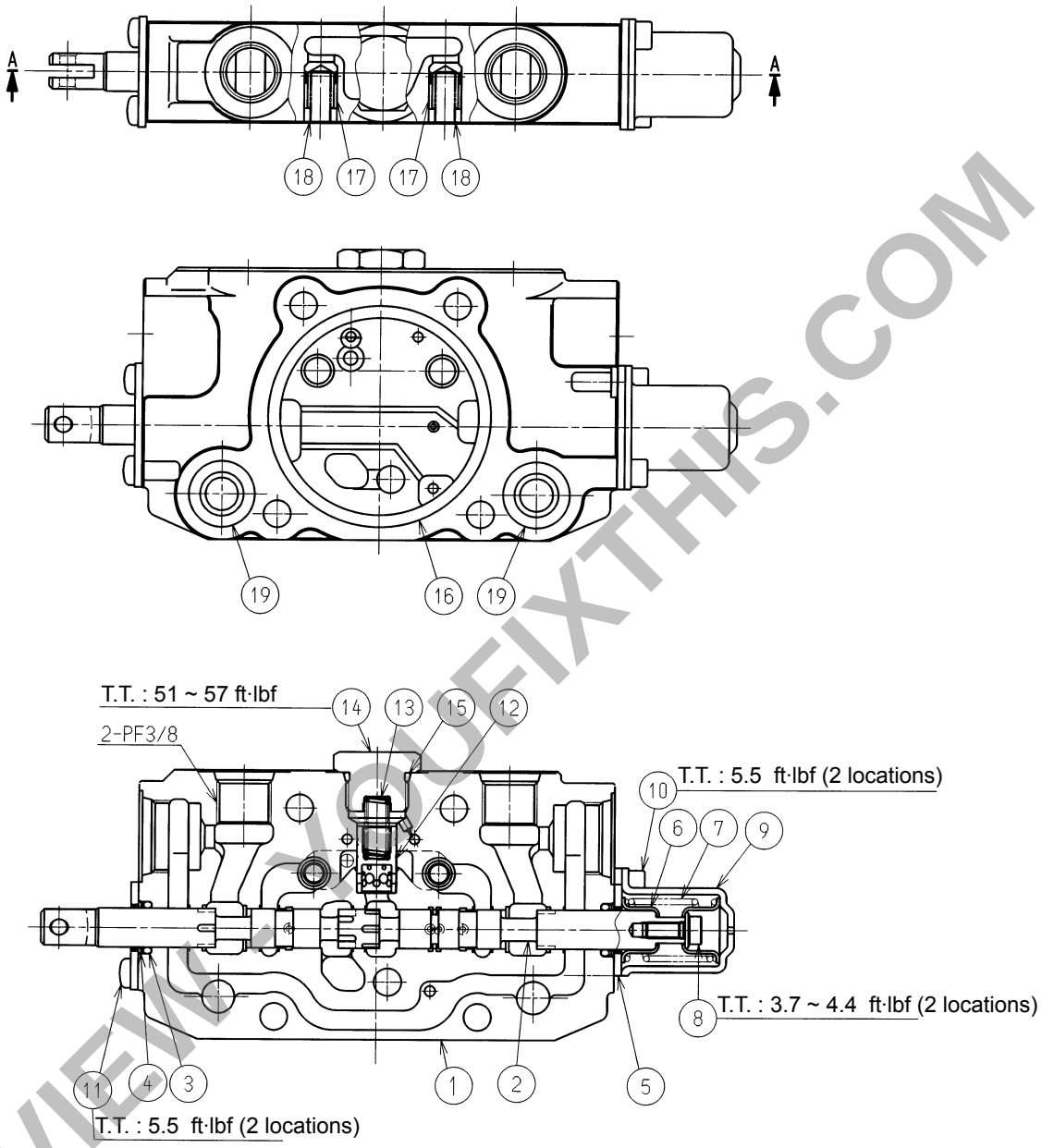
No.	Part No.	Part name
010	RD118-7450-0	Assy blade, angle
020	68773-6662-2	Bush
030	RD411-7513-0	Seal, dust
040	RD118-7452-0	Reame
050	06616-25010	Nipple, grease
060	RD118-7455-0	Pin
070	68271-6691-0	Shim
080	06611-15010	Nipple, grease
090	01133-61220	Bolt
100	04015-60120	Washer, plain
110	RD118-7472-0	Pin, angle cylinder
120	-	Blank
130	06611-15010	Nipple, grease

No.	Part No.	Part name
140	01133-61220	Bolt
150	04015-60120	Washer, plain
160	RD118-7475-0	Cover, angle cylinder
170	01133-61016	Bolt
180	04013-60100	Washer, plain
190	RD118-7476-0	Cover angle
200	01133-61016	Bolt
210	RC411-7443-0	Pin
220	01173-61270	Bolt
230	02572-50120	Nut, lock
240	RD118-7516-0	Pin
250	01173-61280	Bolt
260	02572-50120	Nut, lock

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d. Angle section



No.	Part name	Q'ty	Remarks
1	Valve housing	1	
2	Spool	1	
3	O ring	2	
4	Wipper	2	
5	Seal plate	2	
6	Spring sheet	2	
7	Spring	1	60 ~ 76 N
8	Cap screw	1	
9	Cap	1	
10	Socked head bolt	2	M5 x 0.8 x 12 - 12.9

No.	Part name	Q'ty	Remarks
11	Screw	2	M5 x 0.8 x 10
12	Spool	1	
13	Spring	1	2.0 K
14	Plug	1	3/4 - 16UNF
15	O ring	1	
16	O ring	1	
17	Load check valve	2	
18	Spring	2	
19	O ring	2	

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