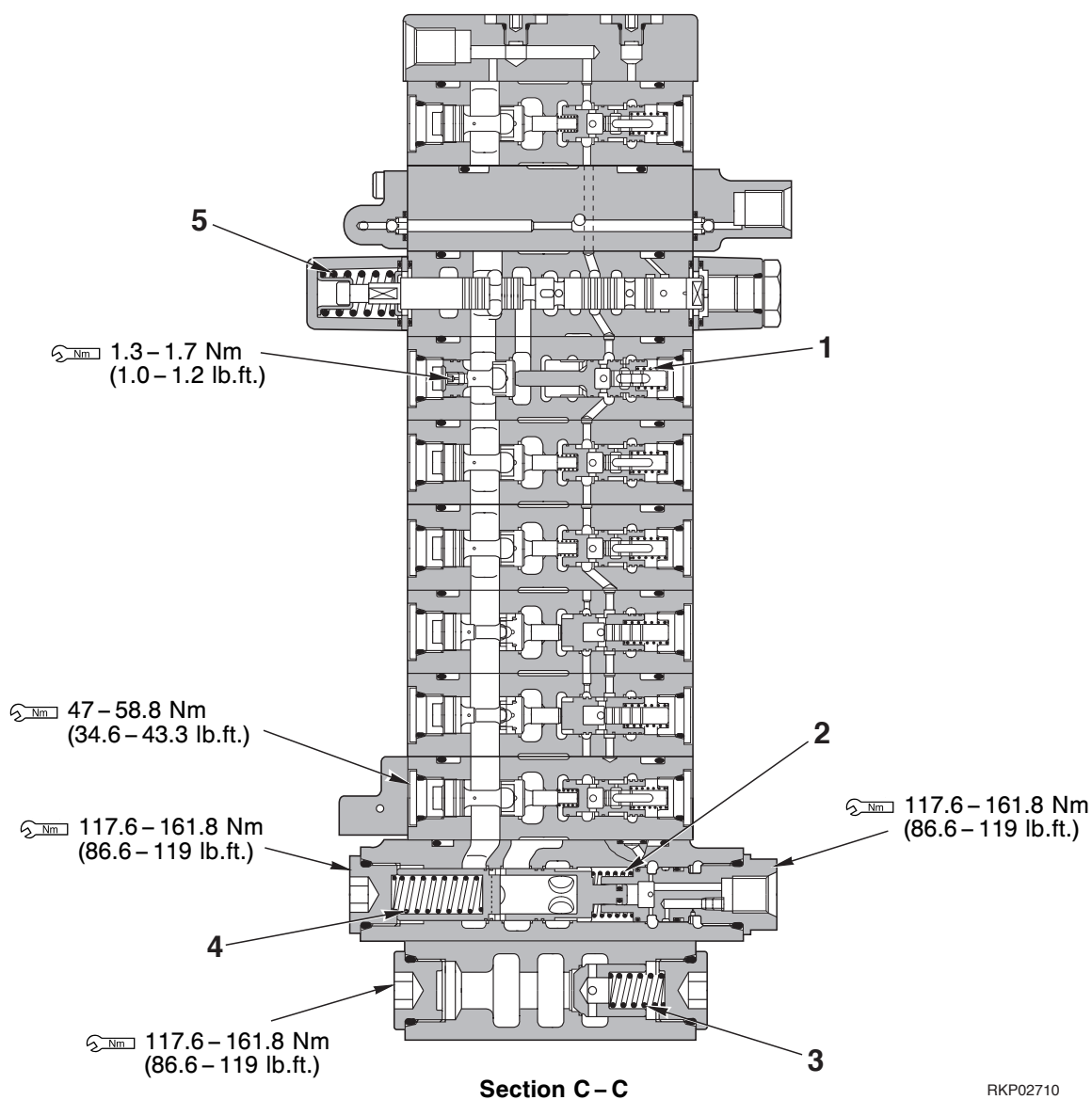


Section B - B

RKP02690

Unit: mm (in.)

No.	Check item	Criteria					Remedy
1	Spool return spring (boom, arm, bucket, swing, hammer)	Standard size			Repair limit		When damage or deformation is found, replace the spring
		Free length x Ø.D.	Installed length	Installed load	Free length	Installed load	
		29x17.5 (1.142x0.689)	28.5 (1.123)	22.6N (2.3 kg)	—	18.1 N (1.8 kg)	
2	Spool return spring (blade, travel)	46.2x20 (1.820x0.788)	25.4 (1.000)	98 N (10 kg)	—	78.4 N (8.0 kg)	
3	Spool return spring (boom swing)	42x20 (1.655x0.788)	25.4 (1.000)	74.5 N (7.6 kg)	—	59.6 N (6.1 kg)	



RKP02710

Unit: mm (in.)

No.	Check item	Criteria					Remedy
1	Pressure compensation valve spring	Standard size			Repair limit		When damage or deformation is found, replace the spring
		Free length x Ø.D.	Installed length	Installed load	Free length	Installed load	
		20x8.4 (0.788x0.331)	12 (0.473)	6.86N (0.7 kg)	—	5.49 N (0.56 kg)	
2	Unload valve spring	28.57x19.2 (1.126x0.756)	15 (0.591)	193.2 N (19.7 kg)	—	154.6 N (15.8 kg)	
3	Cooler check valve spring	27.2x13.2 (1.072x0.520)	21 (0.827)	78.8 N (8.04 kg)	—	63 N (6.43 kg)	
4	Self-pressure reducing valve sequence valve spring	40.5x41.3 (1.596x1.627)	35.5 (1.399)	88.2 N (9.0 kg)	—	70.6 N (7.2 kg)	
5	Spool return spring (hammer)	29x17.5 (1.143x0.690)	28.5 (1.123)	22.6 N (2.3 kg)	—	18.1 N (1.8 kg)	