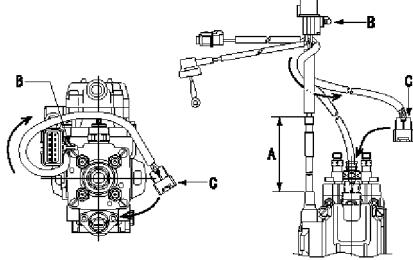


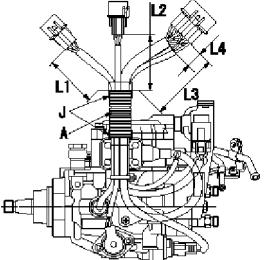
S	K dimension	mm	3.3	3.2	3.4		
S	KF dimension	mm	5.62	5.52	5.72		
S	Pre-stroke	mm	0.1	0.08	0.12		

4 Attachments' specification

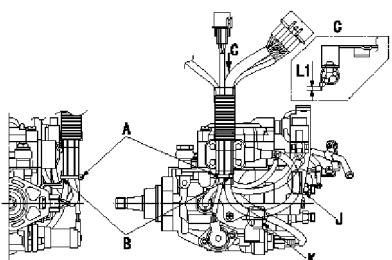
4.1 Attachment specification 1

Name	HARNESS & CONNECTOR
	 <p>TCV connector assembly specification (1) Ensure the GE cable is not twisted at section A. (2) Refer to the figure for the direction of connector clip B. (3) Route the TCV harness in the direction indicated by the arrows in the figure and install the connector C.</p>

4.2 Attachment specification 2

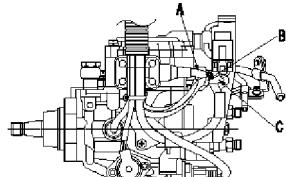
Name	HARNESS & CONNECTOR
L1=90+-10mm L2=80+-10mm L3=110+-10mm L4=Max.15mm	 <p>Corrugated tube assembly specification (1) Position the connector as shown in the figure, and maintain the dimensions shown in the figure for the end of the connector and the end of the corrugated tube. (2) Wrap black vinyl tape 4 times around the end of the corrugated tube to fix the tube. A:Corrugated tube J:PVC tape L4:Dimension from protective tube to end face of connector</p>

4.3 Attachment specification 3

Name	HARNESS & CONNECTOR
L1=Max.2mm	 <p>Clip assembly standards (harness fixing) (1) Fix all the harnesses (GE cable, TCV, FCV, TPS, P/U, Q adjustment) using the clip. (2) Fix the clip at the bracket's cutout position. (3) Fix the GE cable where it contacts the bracket at J and K. (4) After clipping, cut off excess clip at L1 or less. A:Binder B:Fix at bracket cutout position. C:Figure shown by arrow</p>

4.4 Attachment specification 4

Name	HARNESS & CONNECTOR
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Q adjustment resistor harness fixing specifications
(1)After completing all procedures, fix the Q adjustment resistor harness together with the GE cable using clips.
A:G.E. cable
B:Binder
C:Q adjustment resistor harness

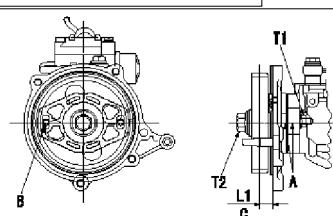
4.5 Attachment specification 5

Name	HARNESS & CONNECTOR
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L1=16.3mm

T1=10~15N·m(1~1.5kgf·m)

T2=59~69N·m(6~7kgf·m)



Timing gear assembly standard
A:Align the timing mark (aligning mark) by eye.
B:When there is no mark for the gear installation position, align with the center of the pump's elongated hole.
C:Gear tooth's standard position