

8 Disassembly and Reassembly and Adjustment of Timing Belts

8.4 Adjustment of Timing Belts

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■ L-axis

Refer to *fig. 8-1 "Disassembly & Reassembly of L- and U-Axes Timing Belts"*. Loosen the GT-SA bolts ③ and adjust the initial tension to be the specific initial tension as shown in *table 8-4 "Initial Tension Of Timing Belts"* with the tension meter. Then tighten them with the specified tightening torque.

■ U-axis

Refer to *fig. 8-1*. Loosen the GT-SA bolts ④ and adjust the initial tension to be the specific initial tension as shown in *table 8-4* with the tension meter. Then tighten them with the specified tightening torque.

■ R-axis

Refer to *fig. 8-2 "Disassembly & Reassembly of R-Axis Timing Belt"*. Loosen the GT-SA bolts ③ and adjust the initial tension to be the specific initial tension as shown in *table 8-4* with the tension meter. Then tighten them with the specified tightening torque.

■ B-axis

Refer to *fig. 8-3 "Disassembly & Reassembly of B- and T-Axes Timing Belts"*. Loosen the GT-SA bolts ② and adjust the initial tension to be the specific initial tension as shown in *table 8-4* with the tension meter. Then tighten them with the specified tightening torque.

■ T-axis

Refer to *fig. 8-3*. Loosen the GT-SA bolts ④ and adjust the initial tension to be the specific initial tension as shown in *table 8-4* with the tension meter. Then tighten them with the specified tightening torque.

Table 8-4: Initial Tension Of Timing Belts

	Setting value of tension meter			Initial tension (N)	
	Belt mass (g)	Belt width (mm)	Distance between axes (mm)	When reused	When replaced
L-axis	3.4	10	137.43	40.5 to 57.9	57.9 to 77.5
U-axis	3.4	10	157.52(GP8)	40.5 to 57.9	57.9 to 77.5
			245.03(GP7)		
R-axis	2.2	6	50.45	20.3 to 29.0	29.0 to 40.0
B-axis	2.5	4	188.21	17.5 to 25.0	25.0 to 30.0
T-axis	2.5	4	124.95	17.5 to 25.0	25.0 to 30.0