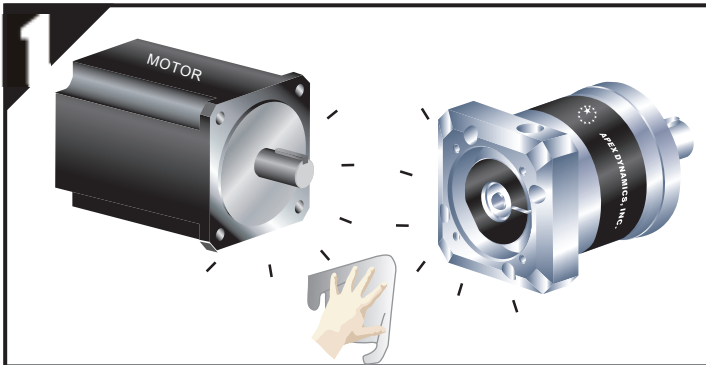
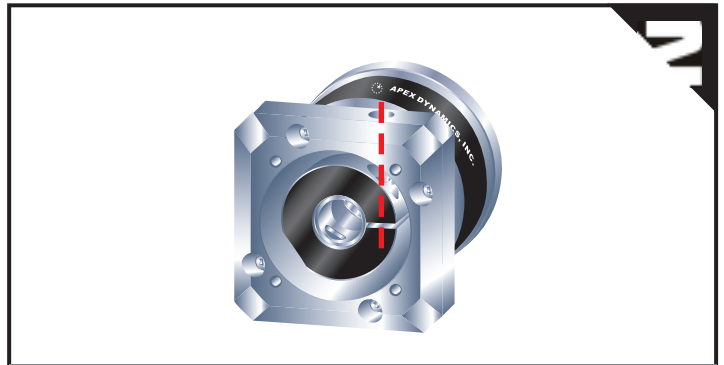




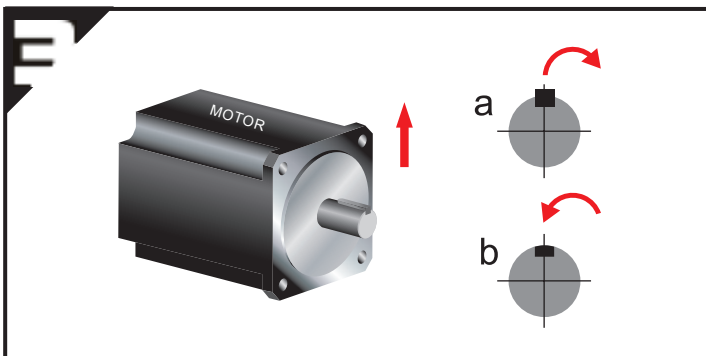
MOUNTING INSTRUCTION (PII series)



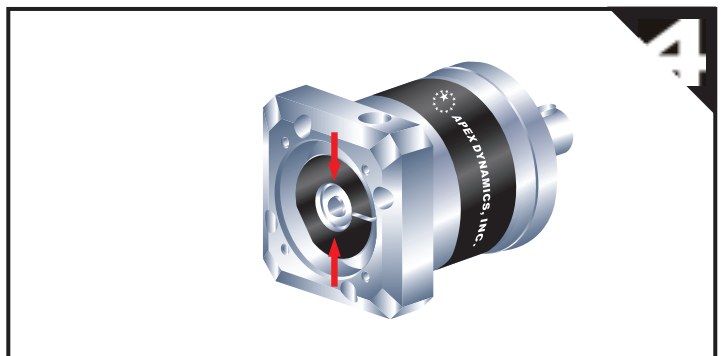
Double-check the motor and gearbox size. Clean the mounting surfaces.



Rotate the set collar until the bolt hole is aligned with access hole.

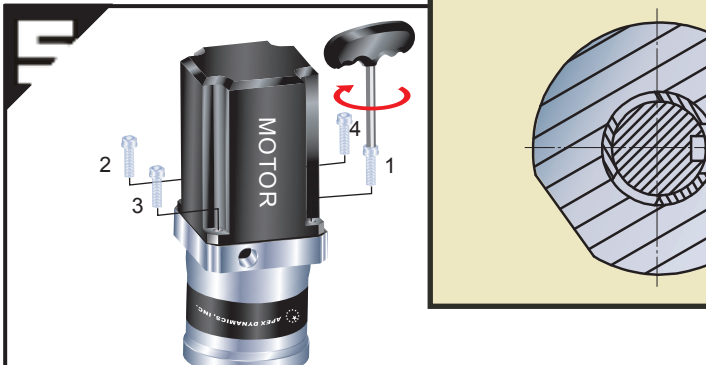


a. Remove motor key, if necessary.
b. Insert balance key, if necessary.

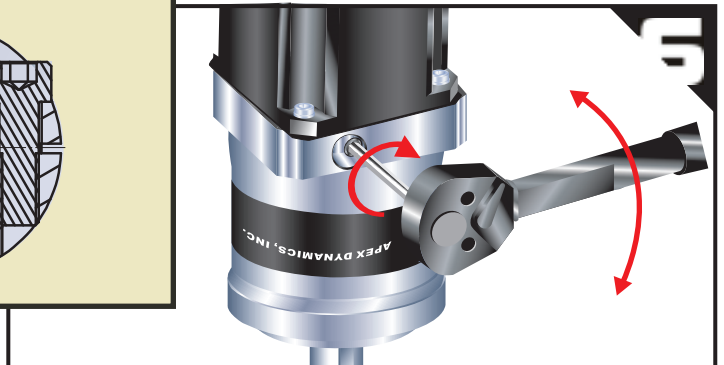


Check motor shaft size. (If necessary, please insert bush)

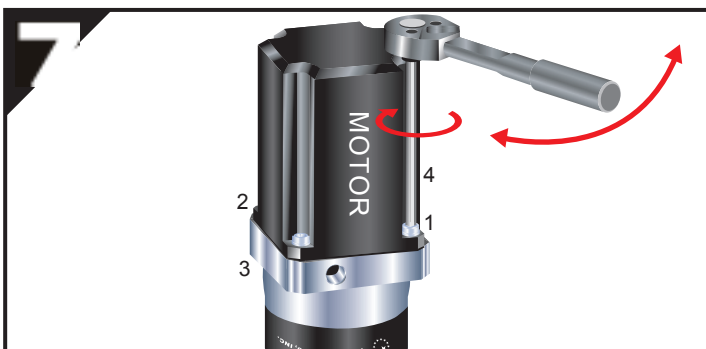
Correct installation.
When installing on keyed or flatted shafts, please refer to figure below.



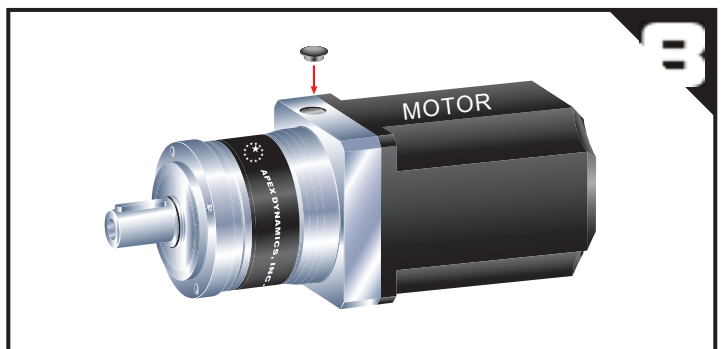
Set at vertical position. Tighten the mounting bolts (including washer) in 1~4 order with wrench to 5% specified torque. (See Table 1)



Tighten the set collar bolt with torque wrench to specified torque. (See Table 2)



Tighten the mounting bolts in 1~4 order with torque wrench to specified torque (See Table1)



Insert the plug

Table 1 Tightening Torque Recommended for Motor Mounting Bolt

Bolt Size	Width Across Flats	Strength 8.8 Tightening Torque		Strength 10.9 Tightening Torque		Strength 12.9 Tightening Torque	
	[mm]	[Nm]	[In-lbs]	[Nm]	[In-lbs]	[Nm]	[In-lbs]
M3 x 0.5P	2.5	1.3	12	1.8	16	2.1	19
M4 x 0.7P	3	3	27	4.1	37	4.9	44
M5 x 0.8P	4	6.1	55	8.2	73	9.8	87
M6 x 1P	5	11	98	14	124	17	151
M8 x 1.25P	6	25	222	34	302	41	364
M10 x 1.5P	8	49	434	67	594	80	709
M12 x 1.75P	10	85	753	116	1028	139	1232
M14 x 2P	12	137	1214	186	1648	223	1976
M16 x 2P	14	210	1860	286	2534	343	3038

Table 2 Tightening Torque Recommended for Set Collar Bolt

Gearbox Size		Motor Shaft Dia.	Bolt Size	Width Across Flats	Tightening Torque	
		[mm]		[mm]	[Nm]	[In-lbs]
PE II 050 PG II 040 PS II A	PA II 042 PN II 017	C3 \leq 8	M5 x 0.8P x 16L	4	9.8	87
		C3 \leq 11	M5 x 0.8P x 16L	4	9.8	87
		C3 \leq 14	M5 x 0.8P x 16L	4	9.8	87
PE II 070 PG II 060 PS II B	PA II 060 PN II 023	C3 \leq 8	M5 x 0.8P x 16L	4	9.8	87
		C3 \leq 11	M5 x 0.8P x 16L	4	9.8	87
		C3 \leq 14	M5 x 0.8P x 16L	4	9.8	87
		C3 \leq 19	M8 x 1.25P x 25L	6	41	364
PE II 090 PG II 080 PS II C	PA II 090 PN II 034	C3 \leq 14	M5 x 0.8P x 16L	4	9.8	87
		C3 \leq 19	M8 x 1.25P x 25L	6	41	364
		C3 \leq 24	M8 x 1.25P x 25L	6	41	364
		C3 \leq 28	M8 x 1.25P x 25L	6	41	364
PE II 120 PG II 120 PS II D	PA II 115 PN II 042	C3 \leq 19	M8 x 1.25P x 25L	6	41	364
		C3 \leq 24	M8 x 1.25P x 25L	6	41	364
		C3 \leq 28	M8 x 1.25P x 25L	6	41	364
		C3 \leq 32	M10 x 1.5P x 30L	8	80	709
		C3 \leq 35	M10 x 1.5P x 30L	8	80	709
		C3 \leq 38	M10 x 1.5P x 30L	8	80	709
PE II 155 PG II 160 PS II E	PA II 142 PN II 056	C3 \leq 19	M8 x 1.25P x 25L	6	41	364
		C3 \leq 24	M8 x 1.25P x 25L	6	41	364
		C3 \leq 28	M8 x 1.25P x 25L	6	41	364
		C3 \leq 32	M10 x 1.5P x 30L	8	80	709
		C3 \leq 35	M10 x 1.5P x 30L	8	80	709
		C3 \leq 38	M10 x 1.5P x 30L	8	80	709
		C3 \leq 42	M12 x 1.75P x 35L	10	139	1232

Note: Tightening Torque values can be exceeded by 20% for increased clamping force.



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