



GENERATOR END INSTALLATION TORQUE SPECIFICATIONS

Proper reinstallation of a generator end requires strict adherence to OEM hardware requirements and specified torque values. Incorrect hardware or improper torque procedures can lead to misalignment, vibration, premature bearing failure, electrical faults, or major equipment damage. Torque specifications are designed to achieve the correct clamping force and must be followed using approved procedures and calibrated tools. Due to the precision and safety risks involved, generator end removal and installation should only be performed by experienced and properly trained technicians.

Dry Torque Specs for genset

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As of 5/13/2026

Models	Current Model	Generator	(Item #2) Flex plate & Flywheel		(Item #13) Gen. frame & Flywheel housing	
			Bolt size	lb-inch	Bolt size	lb-inch
DCA-10SPXU4F	DCA-10SPXU4F	DFS-0140XK (E2)	M8*35 P1.25 8T	217-278	M10*30 P1.5 8T	429-543
DCA-15SPX III, SPXU4		DFS-0220XK	M8*35 P1.25 8T	217-278	M10*30 P1.5 8T	429-543
DCA-15SPXU4F	DCA-15SPXU4F	DFS-0220XK (E2)	M8*35 P1.25 8T	217-278	M10*30 P1.5 8T	429-543
DCA-20SPXU2, SPXU4F	DCA-20SPXU4F	DF-0277I	M8*35 P1.25 8T	217-278	M10*30 P1.5 8T	429-543
DCA-25SSIU		DF-0270I	M8*35 P1.25 8T	217-278	M10*40 P1.5 8T	429-543
DCA-25SSIU2, SSIU3, SSIU4, USI, USI2	DCA-25SSIU4F	DF-0270I2	M8*35 P1.25 8T	217-278	M10*30 P1.5 8T	429-543
DCA-36SPXU2		DH-0647I	M10*20 P1.5 8T	429-543	M10*25 P1.5 8T	429-543
DCA-36SPXU4F	DCA-36SPXU4F	DH-0647I (T4)	M8*20 P1.5 8T	217-278	M10*25 P1.5 8T	429-543
DCA-40SSKU, 45SSKU		DH-0480KU	M10*20 P1.5 8.8T	429-543	M10*25 P1.5 8.8T	429-543
DCA-40SSKU4F	DCA-40SSKU4F2	DH-0480KU2	M8*20 P1.25 8.8	217-278	M10*25 P1.25 8.8	429-543
DCA-45SSIU2		DB-501I	M10*35 P1.5 8.8T	429-543	M10*25 P1.5 8.8T	429-543
DCA-45SSIU3, 45USI		DB-0501I2	M10*35 P1.5 8.8T	429-543	M10*30 P1.5 8.8T	429-543
DCA-45SSIU4, 45USI2	DCA-45SSIU4F	DH-0480I	M8*20 P1.5 8T	217-278	M10*25 P1.5 8T	429-543
DCA-70SSIU, USI,		DB-0831I2	M10*35 P1.5 8T	429-543	M10*30 P1.5 8T	429-543
DCA-70SSIU2, USI2, MQP56	DCA-70SSIU4F	DH-0750I	M10*20 P1.5 8T	429-543	M10*25 P1.5 8T	429-543
DCA-70SSJU		DB-0831J	M10*35 P1.5 8T	429-543	M10*30 P1.5 8T	429-543
DCA-70SSJU2, 70USJ		DB-0831J2	M10*35 P1.5 8T	429-543	M10*30 P1.5 8T	429-543
DCA-70SSJU4i,	DCA-70SSJU4F	DH-0750J	3/8-16UNC L=3/4 8T	313-398	M10*30 P1.5 8T	429-543
DCA-85SSJU		DB-1001J	M10*35 P1.5 8T	429-543	M10*30 P1.5 8T	429-543
DCA-85USJ, USJ2, 70JE		DB-1001J2	3/8-16UNC L=3/4 8T	313-398	M10*30 P1.5 8T	429-543
DCA-125SSIU, USI, USJ	DCA-125SSIU4F	DB-1381I	M10*30 P1.5 8T	429-543	M10*30 P1.5 8T	429-543
DCA-125SSJU, USJ		DB-1381J	M10*30 P1.5 8T	429-543	M10*30 P1.5 8T	429-543
DCA-125SSJU4i		DB-1381J2	M10*30 P1.5 8T	429-543	M10*30 P1.5 8T	429-543
150KVA	DCA-150SSJU4F3	DB-1651	M10*30 P1.5 8T	429-543	3/8-16UNC L=1 1/8 8T	313-398
180KVA	DCA-180SSJU4F3	DF-1950	M12*40 1.5 8T	698-885	M10*30 P1.5 8T	429-543
220KVA	DCA-220SSJU4F3	DF2400	M12*40 1.5 8T	698-885	M10*30 P1.5 8T	429-543
300KVA MQP240	DCA-300SSJU4F3	DF-3300	M12*40 P1.75 8T	698-885	M12*40 P1.75 8T	698-885
400KVA	DCA-400SSI4F3	DF-4401	M12*40 P1.75 8T(8.8)	698-885	M12*40 P1.75 8T(8.8)	698-885
600KVA	DCA-600SSSV4F3	DF-6601	5/8-11UNC L=2 1/2 8T(8.8)	1460-1850	1/2-13UNC L=1 3/4 8T(8.8)	729-929
NGA-100SSPUL	NGA-100SSPUL	DB-1101 PSI	M10*30 P1.5 8T	429-543	3/8-16UNC L=1 1/4 8T	313-398
NGA-150SSPUPL2	NGA-150SSPUPL2	DB-1651 PSI	M10*35 P1.5 8.8	429-543	M10*25 P1.5 8.8	429-543

NOTE: Use only OEM-specified Metric Class 10.9 / SAE Grade 8 hardware. Do not substitute alternative hardware unless manufacture-approved

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GENERATOR END INSTALLATION TORQUE SPECIFICATIONS

Item: #1-11 comes preassembled from the factory and does not require any retorquing.

Items: #2 & #13

**Reference the Torque Spec. Chart on page 1*
- TORQUE IN A CROSS PATTERN -

