

Express 280 Torque Chart

Component	Fastener	Qty	Tool	Torque
Enclosure Body Anchor top nuts	Nut, M16x2.0, 13 mmTHK, Hex, Grade DH, HDG	12	24 mm (15/16 in) socket wrench	94.9 Nm (70 ft-lb)
Rodent Guard Bracket	Screw, M5x0.8, 8 mm length, But Hd, Torx, T-25, SS, Patch	4 (2 per side)	T25 Torx screwdriver	4.5 Nm (40 in-lb)
AC Conductors (L1, L2, L3) Lugs	Nut, KEPS, M6x1.0, 7.5mm thick, Conical Washer, Steel, Zinc	6	10 mm (3/8 in) socket wrench	5.6 Nm (50 in-lb)
DC Conductors	NUT, M8x1.25, 8.8mm thick, KEPS, CONICAL WASHER, Steel, Zinc	8	13 mm (1/2 in) socket wrench	6.8 Nm (60 in-lb)
Holsters	Screw, M6x1.0, 8 mm length, PanHd, Torx, T-25,EXT SEMS 2, SS, Patch	2	T25 Torx screwdriver	2.8 Nm (25 in-lb)
Side Panels	[Use captive screws in Frame]	6	T25 Torx screwdriver	2.8 Nm (25 in-lb)
CMK Mast (top 2)	Screw, M6x1.0, 10 mm length, ButWasHd, Torx, T-25, STL, Zinc	2	T25 Torx screwdriver	5.6 Nm (50 in-lb)
CMK Mast (bottom 4)	Screw, M6x1.0, 22 mm length, ButHd, Torx, T-30, SS, Patch	4	T30 Torx screwdriver	5.6 Nm (50 in-lb)
CMK Swingarm	Screw, M6x1.0, 10 mm length, ButWasHd, Torx, T-25, STL, Zinc	5	T25 Torx screwdriver	5.6 Nm (50 in-lb)
Charge Cable Housing	Screw, M6x1.0, 20 mm length, LowCap, Torx, T-25, SS	4 per charge cable	T25 Torx screwdriver	4.5 Nm (40 in-lb)
Charge Cable Nuts	Nut, KEPS, M6x1.0, 7.5mm thick, Conical Washer, Steel, Zinc	4 per charge cable	10 mm (3/8 in) socket wrench	5.6 Nm (50 in-lb)
Charging Cable	[Use captive screw in tetherball]	1	T25 Torx screwdriver	2.8 Nm (25 in-lb)
Top Cap	M5x0.8, 16mm length, PanHd, Torx, T-25, SS, Patch	4	T25 Torx screwdriver	2.8 Nm (25 in-lb)
Front Lower Panel Screw	M5x0.8, 10 mm length, PanHd, Torx, T-25, SS, Patch	2	T25 Torx screwdriver	2.8 Nm (25 in-lb)
Rear Lower Panel Screw	M5x.08, 14 mm length, PanHd, Torx, T-25, SS, Patch	2	T25 Torx screwdriver	2.8 Nm (25 in-lb)

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Front & Rear Upper Panels	Captive screw in sheet metal panel	2	T25 Security Torx Screwdriver	2.8 Nm (25 in-lb)
Area Light Bar	2 Screws, captured (Screw, M4x0.7, 12 length, Captive, TR-Torx, T-25,SS, Patch)	2	T25 Security screwdriver	2.8 Nm (25 in-lb)