

1336 PLUS, PLUS II, FORCE, IMPACT & REGEN Spare Parts

0.37-597 kW / 0.5-800 HP
(200-240V), (380-480V), (500-600V)

ATTENTION: Hazardous voltages are present in the drive. Serious or fatal injury can occur from electric shock. DO NOT attempt repair without a troubleshooting manual or contacting Allen-Bradley for assistance.

Significance of Level Numbers	Level 1 - Major Assemblies Recommended stocking locations include large users and OEM's, distributors, and GTS.
	Level 2 - Minor Assemblies Recommended stocking locations include distributors and GTS.
	Level 3 - Discrete Components Recommended stocking locations include GTS.
Installation Instructions	Spare Parts installation instructions are documented in the troubleshooting manuals.

Spare Part Catalog Number Description (Example)

<u>1336</u>	--	<u>BDB</u>	--	<u>SP1</u>	--	<u>A</u>
1336 = PLUS, FORCE, IMPACT		Spare Part Type		Common Spare		Rev
1336S = 1336 PLUS				Part Delineator		
1336F = 1336 PLUS II						
1336T = 1336 FORCE						
1336E = 1336 IMPACT						
1336R = 1336 REGEN						

General Procedure For Ordering Parts Not Listed In This Spare Parts Matrix

- 1) Contact A-B Standard Drives Technical Support during normal business hours - 7 A.M. to 6 P.M. (CST).
- 2) Technical Support will provide the part number that needs to be ordered, PROVIDED:
 - a) The Catalog Number(s) of the drive(s), the system, or the equipment in question is known.
 - b) The RA Sales Order Number (SO) for the drive(s) or equipment in question is known.
 - c) You have the correct Troubleshooting Manual to help identify the parts you are seeking.
- 3) Place parts order through your local RA Distributor.
- 4) Local RA Distributor will place an order, in PASSPORT, then contact Customer Service (E-Team) to process and/or expedite your parts order. The CS representative will provide P & A.

IMPORTANT NOTES: Only A-B distributors may contact Customer Service. Calls from end users are not accepted by Customer Service. CS has precedence on any P & A issues.

Your Comments Are Welcome

If you have comments on how to improve this Spare Parts Index or Parts Ordering Issues, please contact:
A-B Standard Drives Technical Support Phone: 262 512 8176

Spare Parts - 230V PLUS, PLUS II, FORCE & IMPACT Drives

Catalog Number	Description
	Series C Conversion Kit (includes Gate Drive PCB, Inductor and Precharge SCR)
1336F-CONV-SP11A	Series A or B to C Upgrade Kit, 1336STEF, 230V, 7.5 HP
1336F-CONV-SP12A	Series A or B to C Upgrade Kit, 1336STEF, 230V, 10 HP
1336F-CONV-SP13A	Series A or B to C Upgrade Kit, 1336STEF, 230V, 15 HP
	Bus Fuse Upgrade Kit - D Frame (includes higher amperage bus fuse and fuse adapter)
1336F-CONV-SP15A	Bus Fuse and Busbar Upgrade Kits, STEF, 250A, 230V, 40 HP
1336F-CONV-SP16A	Bus Fuse and Busbar Upgrade Kits, STEF, 300A, 230V, 50 HP
1336F-CONV-SP17A	Bus Fuse and Busbar Upgrade Kits, STEF, 350A, 230V, 60 HP
	Plus to PlusII Upgrade Kit
1336F-UPGRA11	Main Control Bd, HAS2, and decal, A Frames, Latest FRN
1336F-UPGRB11	Main Control Bd, HAS2, and decal, Frames B-G, Latest FRN
	Main Control PCBs T.G. Symbol → MAIN CTL
1336F-MCB-4UPGRD	PROM, Language and CP, Firmware 4.03
1336F-MC1-SP23A	PCB, Main Control 1336E, 2.03 Firmware, Frames A1-A4
1336F-MC2-SP23A	PCB, Main Control 1336E, 2.03 Firmware, Frames B-H
1336F-MC1-SP31B	PCB, Main Control 1336E, w/ English LM, V3.01, Frames A1-A4
1336F-MC2-SP31B	PCB, Main Control 1336E, w/ English LM, V3.01, Frames B-H
1336F-MC1-SP43A	PCB, Main Control 1336E, w/ English LM, V4.03, Frames A1-A4
1336F-MC2-SP43A	PCB, Main Control 1336E, w/ English LM, V4.03, Frames B-H
1336F-MCB-SP2B	PCB, MAIN CONTROL 1336S, A FRAME/WITH LM
1336F-MCB-SP1B	PCB, MAIN CONTROL 1336S, B-H FRAME
1336F-MCB-SP1M	PCB, Main Control 1336F, Frames B-G, Latest FRN, Supersedes 1336F-MCB-SP1A through SP1L
1336F-MCB-SP2M	PCB, Main Control 1336F, A Frames, Latest FRN, Supersedes 1336F-MCB-SP2A through SP2L
	1336F FLASH FILES
1336F-FRN	1336 PLUS II, Latest FIRMWARE
1336F-MCB-SP34B	PCB, Main Control 1336T, Series B, V3.04
1336F-MCB-SPM34C	PCB, Main Control 1336T, Series B, Master, V3.04
1336F-MCB-SPS34C	PCB, Main Control 1336T, Series B, Slave, V3.04
1336F-MCB-UPGRAD	PROM, Firmware Upgrade, MAIN CONTROL, V5.01
	Adapter PCBs
1336T-GT1-SP34B	PCB, PLC Communications Adapter, Series B, V3.03
1336T-GT1-SP51A	PCB, PLC Communications Adapter, w/ English LM, V5.01
1336T-GT1-UPGRAD	Firmware Upgrade, PLC Communications Adapter, V5.01
1336T-GT2-SP51A	PCB, Standard Adapter, w/ English LM, V5.01
1336T-GT3EN	Controlnet Adapter board
	Language Modules
1336E-EN43	Language Module Kit, 1336E, English, V4.03
1336S-EN6	LANGUAGE MODULE, V6.XX, ENGLISH
1336T-LM1EN51	Language Module Kit, 1336T, PLC Comm Adapter, English, V5.01
1336T-LM1FR51	Language Module Kit, 1336T, PLC Comm Adapter, French, V5.01
1336T-LM1ES51	Language Module Kit, 1336T, PLC Comm Adapter, Spanish, V5.01
1336T-LM1DE51	Language Module Kit, 1336T, PLC Comm Adapter, German, V5.01

[illegible]

Spare Parts - 230V PLUS, PLUS II, FORCE & IMPACT Drives

Level	Catalog Number	Description	T.G. SYMBOL -> Troubleshooting Guide Symbol (SA) = Stand Alone / (CB) = Common Bus No Designator = Applies to all drives X = not applicable	
Level 1	1336T-LM1IT51	Language Module Kit, 1336T, PLC Comm Adapter, Italian, V5.01		
	1336T-LM2EN51	Language Module Kit, 1336T, Standard Adapter, English, V5.01		
	1336T-LM2FR51	Language Module Kit, 1336T, Standard Adapter, French, V5.01		
	1336T-LM2ES51	Language Module Kit, 1336T, Standard Adapter, Spanish, V5.01		
	1336T-LM2DE51	Language Module Kit, 1336T, Standard Adapter, German, V5.01		
	1336T-LM2IT51	Language Module Kit, 1336T, Standard Adapter, Italian, V5.01		
		Gate Drive PCBs		
		T.G. Symbol -> BASE DRV / POWER SUPPLY		
		1336-BDB-SP61A, C	Obsolete—replaced by 1336-BDB-SP61D	
		1336-BDB-SP61D	PCB, Gate Driver, 1336T, 230V, 1 HP, Series C & up	
		1336-BDB-SP62A, C	Obsolete—replaced by 1336-BDB-SP62D	
		1336-BDB-SP62D	PCB, Gate Driver, 1336T, 230V, 3HP, Series C & up	
		1336-BDB-SP11A, C	Obsolete—replaced by 1336-BDB-SP11D	
		1336-BDB-SP11D	PCB, Gate Driver, 1336STE, 230V, 7.5 HP, Series C & up 1336F, 230V, 7.5 HP, Ser A & up	
		1336-BDB-SP12A, C	Obsolete—replaced by 1336-BDB-SP12D	
		1336-BDB-SP12D	PCB, Gate Driver, 1336STE, 230V, 10 HP, Series C & up 1336F, 230V, 10 HP, Ser A & up	
		1336-BDB-SP13A, C	Obsolete—replaced by 1336-BDB-SP13D	
		1336-BDB-SP13D	PCB, Gate Drive, 1336STE, 230V, 15 HP, Series C & up 1336F, 230V, 15 HP, Ser A and Up	
		1336-BDB-SP14A, C	Obsolete—replaced by 1336-BDB-SP14D	
		1336-BDB-SP14D	PCB, Gate Driver, 1336STEF, 230V, 20 HP	
		1336-BDB-SP15A, C	Obsolete—replaced by 1336-BDB-SP15D	
		1336-BDB-SP15D	PCB, Gate Driver, 1336STEF, 230V, 25 HP	
		1336-BDB-SP16A, C	Obsolete—replaced by 1336-BDB-SP16D	
		1336-BDB-SP16D	PCB, Gate Driver, 1336STEF, 230V, 30 HP	
		1336-BDB-SP25A, C	Obsolete—replaced by 1336-BDB-SP25D	
		1336-BDB-SP25D	PCB, Gate Driver, 1336STEF, 230V, 40 HP	
		1336-BDB-SP26A, C	Obsolete—replaced by 1336-BDB-SP26D	
		1336-BDB-SP26D	PCB, Gate Driver, 1336STEF, 230V, 50 HP	
		1336-BDB-SP27A, C	Obsolete—replaced by 1336-BDB-SP27D	
		1336-BDB-SP27D	PCB, Gate Driver, 1336STEF, 230V, 60 HP	
		1336-BDB-SP35A, C	Obsolete—replaced by 1336-BDB-SP35D	
		1336-BDB-SP35D	PCB, Gate Driver, 1336STEF, 230V, 75 HP	
	1336-BDB-SP36A, C	Obsolete—replaced by 1336-BDB-SP36D		
	1336-BDB-SP36D	PCB, Gate Driver, 1336STEF, 230V, 100 HP		
	1336-BDB-SP67A, C	Obsolete—replaced by 1336-BDB-SP67D		
	1336-BDB-SP67D	PCB, Gate Driver, 1336STEF, 230V, 125 HP		
		Bus Capacitors		
		T.G. Symbol -> C1 - Cx or C1 - Cxx		
	1336-CAP-SP6A	CAP, Assem., 1336STE, 230V, 7.5 - 10 HP (1 Assem. = 2 bus caps)		
	1336-CAP-SP7A	CAP, assem., 1336STEF, 230V, 15 HP (1 assem. = 4 bus caps)		
	1336-CAP-SP9A	CAP, assem., 1336STEF, 230V, 20 - 30 HP (1 assem. = 6 bus caps)		
	1336-CAP-SP11A	CAP, assem., 1336STEF, 230V, 40 - 60 HP (1 assem. = 1 bus cap)		
	1336-CAP-SP12A	CAP, assem., 1336STEF, 230V, 75 - 125 HP (1 assem. = 1 bus cap)		

[illegible]

Spare Parts - 230V PLUS, PLUS II, FORCE & IMPACT Drives

Level	Catalog Number	Description
		Bus Fuses (also see Bus Fuse Upgrade Kits above) T.G. Symbol → F1
	1336-F1-SP18A	Bus Fuse, 200A, 1336STEF, 230V, 20-30HP
	1336-F1-SP1A	Obsolete, use 1336-CONV-SP15A
	1336-F1-SP2A	Obsolete, use 1336-CONV-SP16A
	1336-F1-SP3A	Obsolete, use 1336-CONV-SP17A
	1336-F1-SP6A	Bus Fuse, 600A, 1336STEF, Frame E
		Precharge PCBs
		T.G. Symbol → PRECHARGE
	1336-PB-SP1A, B, C, D	Obsolete—replaced by 1336-PB-SP1E
	1336-PB-SP1E	PCB, Precharge (SA), 1336STEF, 230V, 20 - 30 HP
	1336-PB-SP4A	PCB, Precharge (CB), 1336STEF, 230V, 20 - 30 HP
	1336-PB-SP7A, C	obsolete, replaced by 1336-PB-SP13F
	1336-PB-SP12A,B	obsolete, replaced by 1336-PB-SP16B
	1336-PB-SP13A,B,C,D,E	obsolete, replaced by 1336-PB-SP13F
	1336-PB-SP13F	PCB, Precharge (SA), 1336STEF, 230V, 40 - 125 HP
	1336-PB-SP16A	obsolete, replaced by 1336-PB-SP16B
	1336-PB-SP16B	PCB, Precharge (CB), 1336STEF, 230V, 40 - 125 HP
		Snubber PCBs
		T.G. Symbol → (SCR) SNUBBER BOARD
	1336-SN-SP1A	Obsolete—replaced by 1336-SN-SP1B
	1336-SN-SP1B	PCB, Converter & Inverter Snubber, (SA), 1336STEF, 460V, X40 - X60
	1336-SN-SP21A	PCB, Inverter Snubber (CB), 1336STEF, C Frame
	1336-SN-SP3A	PCB, Converter Snubber (SA), 1336STEF, D Frame
	1336-SN-SP18A	PCB, Converter Snubber (CB), 1336STEF, D & E Frame
	1336-SN-SP6A	PCB, Inverter Snubber, 1336STEF, 230V, 40 - 50 HP
	1336-SN-SP4A	PCB, Inverter Snubber, 1336STEF, 230V, 60 HP
	1336-SN-SP8A	PCB, Converter Snubber (SA), 1336STEF, E Frame
	1336-SN-SP9A	PCB, Inverter Snubber, obsolete, replaced by 1336-SN-SP10A
	1336-SN-SP10A	PCB, Inverter Snubber, 1336STEF, E Frame
		Rectifiers
		T.G. Symbol → BR1
	1336-BR-SP1A	Rect, Bridge, Diode, Obsolete, replaced by 1336-BR-SP2A
	1336-BR-SP2A	Rect, Bridge, Diode, 1336STEF, 230V, 7.5 HP
	1336-BR-SP3A	Rect, Bridge, Diode, Obsolete, replaced by 1336-BR-SP4A
	1336-BR-SP4A	Rect, Bridge, Diode, 1336STEF, 230V, 10 - 15 HP
	1336-BR-SP5A	Rect, Bridge, SCR, Obsolete — replaced by 1336-BR-SP6A
	1336-BR-SP6A	Rect, Bridge, SCR, 1336STE Series A-D, 1336F Series A 230V, 20 - 30 HP drives manuf'd before 8-4-2000
	1336-BR-SP10A	Rect, Bridge, SCR, 1336STE Series E, 1336F Series B 230V, 20 - 30 HP drives manuf'd after 8-4-2000
		Input SCRs
		T.G. Symbol → SCR1, SCR1 - SCR3
	1336-SCR-SP1A	SCR, Assem. (SA), 1336STEF, 230V, 40 - 60 HP
	1336-SCR-SP3A	SCR, Assem. (CB), 1336STEF, 230V, 40 - 50 HP
	1336-SCR-SP5A	SCR, Assem. (CB), 1336STEF, 230V, 60 HP
	1336-SCR-SP7A	SCR, Assem. (SA), 1336STEF, 230V, 75 - 125 HP

[illegible]

Spare Parts - 230V PLUS, PLUS II, FORCE & IMPACT Drives

Level	Catalog Number	Description	T.G. SYMBOL -> Troubleshooting Guide Symbol (SA) = Stand Alone / (CB) = Common Bus No Designator = Applies to all drives X = not applicable
Level 2	1336-SCR-SP9A	SCR, Assem, (CB), 1336STEF, 230V, 75 - 125 HP	
		Transistors / IGBTs	
	1336-QOUT-SP3A	TSTR, Assem., Output, 1336STF, 230V, 7.5 HP	
	1336-QOUT-SP5A	TSTR, Assem., Output, 1336STF, 230V, 10 HP	
	1336-QOUT-SP6A	TSTR, Assem., Output, 1336STEF, 230V, 15 HP	
	1336-QOUT-SP8A	TSTR, Assem., Output, 1336STEF, 230V, 20 - 30 HP	
	1336-QOUT-SP12B	TSTR, Assem., Output, 1336STEF, 230V, 40 HP	
	1336-QOUT-SP13A	TSTR, Assem., Output, 1336STEF, 230V, 50 HP	
	1336-QOUT-SP14A	TSTR, Assem., Output, 1336STEF, 230V, 60 HP	
	1336-QOUT-SP18A	TSTR, Assem., Output, 1336STEF, 230V, 75 - 125 HP	
		Precharge Modules	
	1336-QPRE-SP1A	TSTR, Precharge, 1336STE, 230V, 7.5 HP, Series A	
		Obsolete, order 1336-CONV-SP11A Series A to C Conversion Kit	
	1336-QPRE-SP1C	TSTR, Precharge, 1336STE, 230V, 7.5 - 15 HP, Series C & up 1336F, 230V, 7.5-15 HP Series A & up	
Level 3	1336-QPRE-SP3A	TSTR, Precharge, 1336STE, 230V, 10 HP, Series A	
		Obsolete, order 1336-CONV-SP12A Series A to C Conversion Kit	
	1336-QPRE-SP4A	TSTR, Precharge, 1336STE, 230V, 15 HP, Series A	
		Obsolete, order 1336-CONV-SP13A Series A to C Conversion Kit	
		Current Transducers	
		T.G. Symbol -> CT1, CT2	
	1336-CT-SP1A	Current Transducer, 1336STEF, Frame D	
	1336-CT-SP2A	Current Transducer, 1336STEF, Frame E	
		Fans	
		T.G. Symbol -> FAN	
	1336-FAN-SP1A	Fan, 1336STEF, Frame B & Frame C	
	1336-FAN-SP8A	Fan, 1336STEF, Frames B&C, NEMA 4X	
	1336-FAN-SP2A	Fan, 1336STEF, Frame D	
	1336-FAN-SP3A	Fan, 1336STEF, Frame E	
	1336-FAN-SP7A	Fan, 1336STEF, Frame A4, (AQF75 Stretch Frame only)	
		Inductors (SA)	
		T.G. Symbol -> L1	
	1336-L-SP3A	Inductor, 1336ST, 230V, 7.5 HP, Series A & B	
	1336-L-SP3C	Inductor, 1336STE, 230V, 7.5 HP, Series C & up 1336F, 230V, 7.5 HP, Series A & up	
	1336-L-SP4A	Inductor, 1336ST, 230V, 10 HP, Series A & B	
	1336-L-SP4C	Inductor, 1336STE, 230V, 10 HP, Series C & up 1336F, 230V, 10 HP, Series A & up	
	1336-L-SP5A	Inductor, 1336STE, 230V, 15 HP, Series A & B	
	1336-L-SP5C	Inductor, 1336STE, 230V, 15 HP, Series C & up 1336F, 230V, 15 HP, Series A and Up	
	1336-L-SP7A	Inductor, 1336STEF, 230V, 20 - 30 HP	
	1336-L-SP11A	Inductor, 1336STEF, 230V, 40 HP	
	1336-L-SP12A	Inductor, 1336STEF, 230V, 50 HP	
	1336-L-SP13A	Inductor, 1336STEF, 230V, 60 HP	

[illegible][illegible]