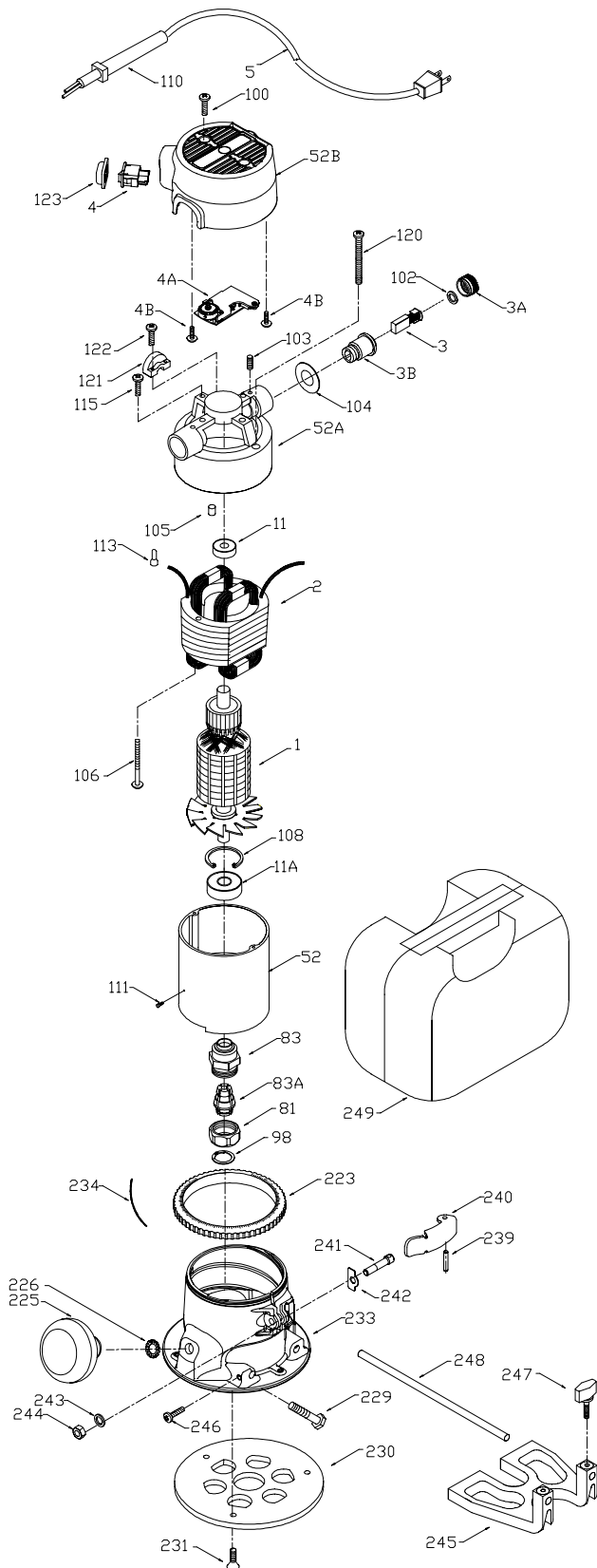


PORTER-CABLE ROUTER

WARNING: Electrical repairs should only be attempted by trained repairmen. Contact the nearest Porter-Cable Service Center or other competent repair center.

690LR 690LRVS 1001-T2 6902-T7 & T8



Ref. No.	Part No.	Description
	1	Armature
	2	Field, 690LRVS
		Field, 690LR, 6902
	3	Brush
	3A	Brush Cap
	3B	Brush Holder
	4	Switch
	4A	Speed Control, 690LRVS
	4B	Screw, 690LRVS
	5	Cord
	11	Commutator Bearing
	11A	Fan Bearing
	52	Front Housing, All Except 513
		Front Housing, 513T8
	52A	Rear Housing
	52B	Housing Cap, 690LRVS
		Housing Cap, 690LR, 6902
	81	Collet Nut
	83	Chuck
	83A	1/4" Collet Assy., Incl: Ref. 81 & 98
		Collet, 1/4"
		1/2" Collet Assy., Incl: Ref. 81 & 98
		Collet, 1/2"
	98	Snap-Ring
	100	Motor Housing Cap Screw
	102	O-Ring
	103	Set Screw
	104	Washer
	105	Bearing Plug, 690LR, 6902
	106	Screw
	108	Snap Ring
	110	Strain Relief
	111	Guide Pin
	113	Connector
	115	Screw
	120	Front Housing Screw
	121	Cord Clamp
	122	Screw
	123	Switch Seal
	223	Depth Adjusting Ring
	225	Knob
	226	Lockwasher
	229	Knob Screw
	230	Sub Base, 690LR, 1001, Incl.; Ref. 231
		Sub Base, 690LRVS, Incl.; Ref. 231
	231	Screw
	233	Base Housing
	234	Depth Adjusting Ring Spring
	239	Pin
	240	Buckle
	241	Shaft
	242	Wear Plate
	243	Washer
	244	Nut
	*	Armature Fan
	*	Wrench
	*	Dielectric Grease
ACCESSORIES: (Optional)		
	245	Edge Guide, Incls: Ref. 246, 247, 248
	246	Edge Guide Screw
	247	Edge Guide Knob
	248	Edge Guide Rod
	249	Carrying Case, Except PK's
		Carrying Case, All PK's
	*	3/8" Collet Assy., Incl: Ref. 81 & 98
	*	876670
	*	Not Shown
	**	See Service Notes

PARTS LIST NO. 905925 - 01-03-03
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PORTER-CABLE
PROFESSIONAL POWER TOOLS

SERVICE NOTES

690LR

690LRVS

1001-T2

6902-T7 & T8

DIELECTRIC GREASE - REF. 4

When assembling Switch Ref. 4, apply a bead of Dielectric Grease # 883807 around base of switch to seal switch area and prevent dust from entering cavity.

When connecting switch leads apply Dielectric Grease around bottom of terminal to prevent dust from entering terminal area.

O-RING - REF. 102

Early units incorporated an O-Ring Ref., 102, to help retain the Brush Cap, Ref. 3A. It has been determined that the O-Ring is not necessary and can be discarded when performing repairs. Insure that the Brush Caps are firmly tightened.

WIRING DIAGRAM - VARIABLE SPEED UNITS

