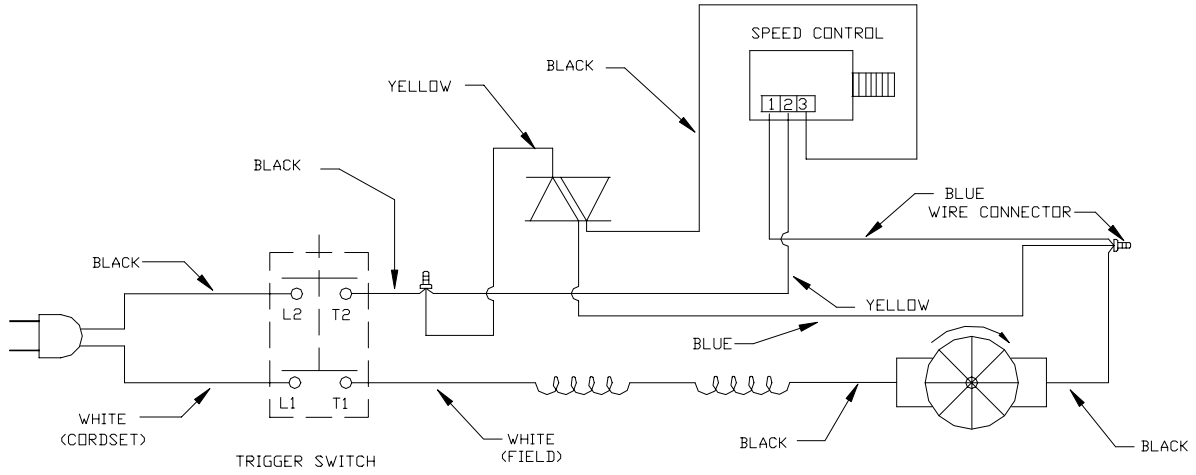


7401
7402
7403

SERVICE NOTES

WIRING DIAGRAM

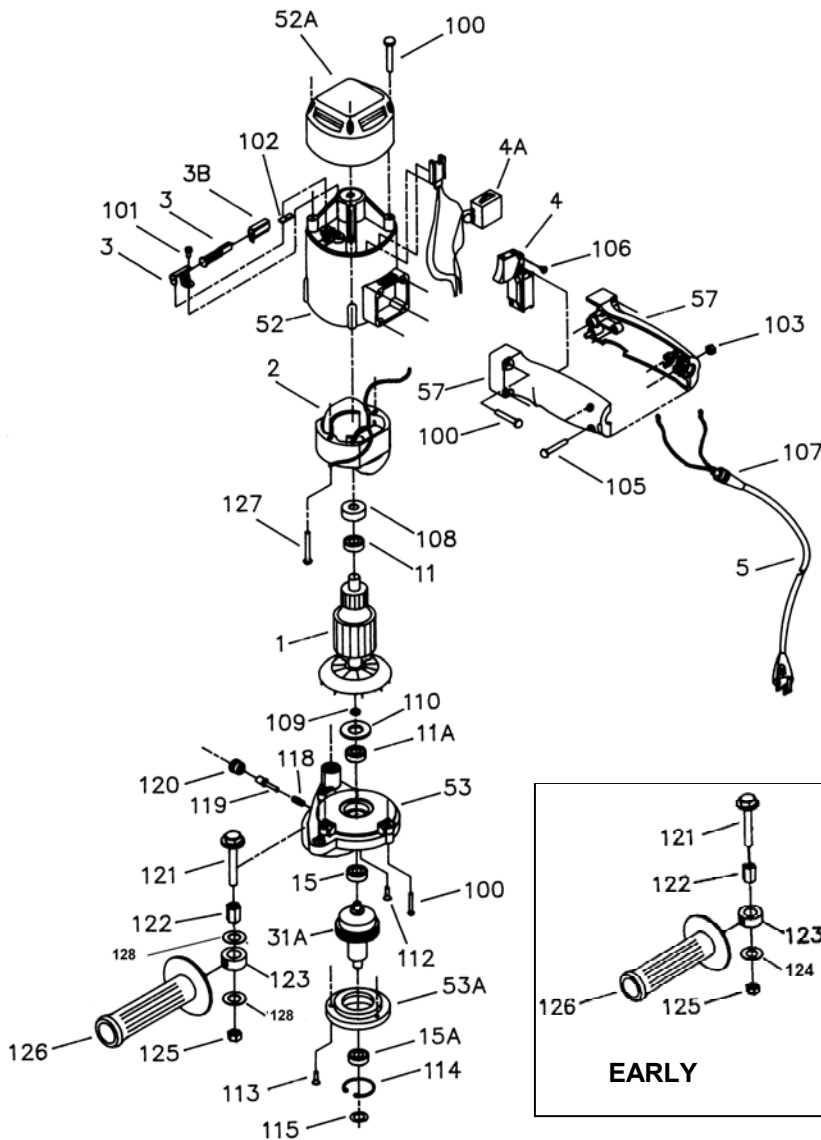


PORTER-CABLE

DISC POLISHER DISC SANDER PAINT REMOVER

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

7401
7402
7403



Ref.	No.	Part No.	Description
	1	875125	Armature, (7401)
		875124	Armature, (7402, 7403)
		879730	Armature, (87401, 220 volt)
	2	875661	Field, (7401)
		875122	Field, (7402, 7403)
		879729	Field, (87401, 220 volt)
	3	874289	Brush Assy., Incl. Ref. 3A
	3B	865323	Brush Holder
	4	697452	Switch
	4A	874816	Variable Speed Control Assy., (120V)
		876248	Variable Speed Control Assy. , (220V)
	*	695077	SCR Mounting Bracket
	*	690673	Plastic Wire Tie
	*	682063	Wire Splice Connector
	5	867853	Cord, (120V)
		876246	Cord, (220V, Euro)
	11	855284	Bearing
	11A	694147	Bearing
	15	855165	Bearing
	15A	855285	Bearing
	31A	874243	Jackshaft, (7401)
		874324	Jackshaft, (7402, 7403)
	52	874228	Motor Housing
	52A	875041	Top Cap
	53	874229	Gear Housing
	53A	874253	Cover, Gear Housing
	57	688333	Handle Set, Incl.: Ref. 100, 103, 105, 106
	100	864721	Screw
	101	693104	Screw
	102	865321	Insulator
	103	862641	Nut
	105	802589	Screw
	106	882185	Screw
	107	843464	Strain Reliever
	108	694432	Bearing Mount
	109	844571	Retaining Ring
	110	875082	Bearing Retainer
	112	875065	Screw
	113	802207	Screw
	114	823489	Retaining Ring
	115	802223	Fiber Washer
	118	698709	Spring
	119	698708	Spindle Lock Pin
	120	874628	Lock Retainer
	121	874954	Bolt, Early Units
		892672	Bolt , Current Units
			Incl.: Ref. 128
	122	874955	Hex Spacer
	123	874236	Collar
	124	848010	Washer, Early Units
	125	862155	Nut
	126	875042	Auxiliary Handle
	127	868884	Screw, (7401)
		864722	Screw, (7402, 7403)
	128	892767	Washer, Current Units
	*	878948	Armature Fan, (Smooth Shaft)
	*	811221	Armature Fan, (Knurled Shaft)
	*	875914	Lubricant, 5 1/2 oz.
	*	875667	Lubricant, 4 lb.
	*	48235	Blade Nut, (7403)
		ACCESSORIES: (Optional)	
	7401	Polisher	
	*	54740	Hook & Loop Back-Up Pad
	*	54741	Hook & Loop Polishing Bonnet
	*	54742	Hook & Loop Compounding Bonnet, (Optional)
	7402	Sander	
	*	55741	Sanding Back-Up Kit, Incl.: Retaining Nut
	*	55747	Retaining Nut
	7403	Paint Remover	
	5041	Paint Remover, (see 5041 Parts List)	
	*	Not Shown	
	**	Service notes	