

HIGH SPEED TAPE READER (DX)

PARTS

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COLOR CODE CHART For parts and assemblies requiring a paint finish		
Multi-Color Code	Paint	Finish
MN	GF - Charcoal Gray	Textured Vinyl
	HJ - Ivory	Smooth Vinyl
MQ	JB - Dark Blue	Textured Vinyl
	FD - Bluish White	Smooth Vinyl
MS	GL - Dark Covert Gray	Textured Vinyl
	HB - Light Gray	Smooth Vinyl
The double asterisk (**) denotes a painted part. Suffix to be applied following the part number.		

NOTE: When ordering parts from this section,  
prefix each number with the letters TP.

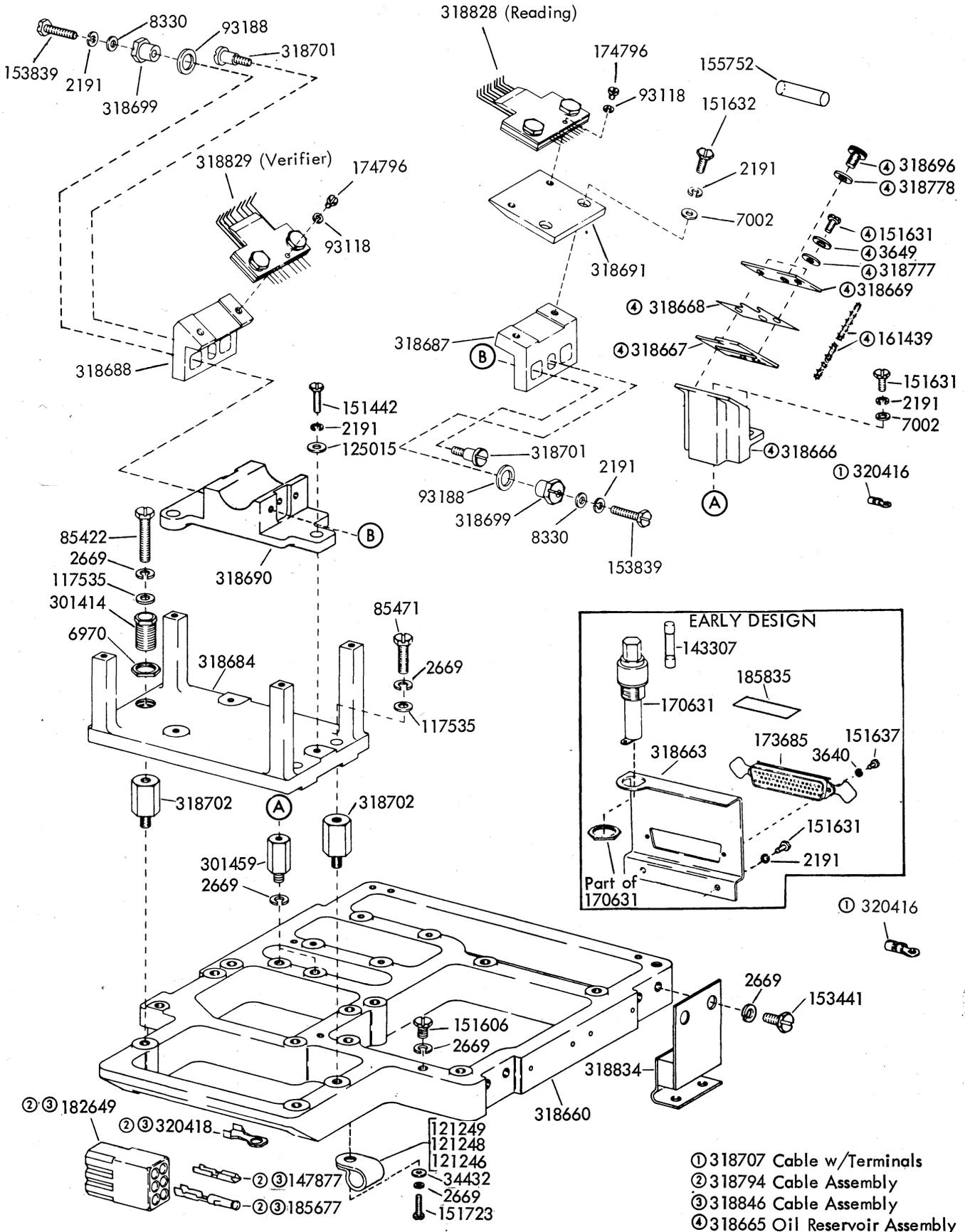


FIGURE 1. BASE AND COMPONENTS

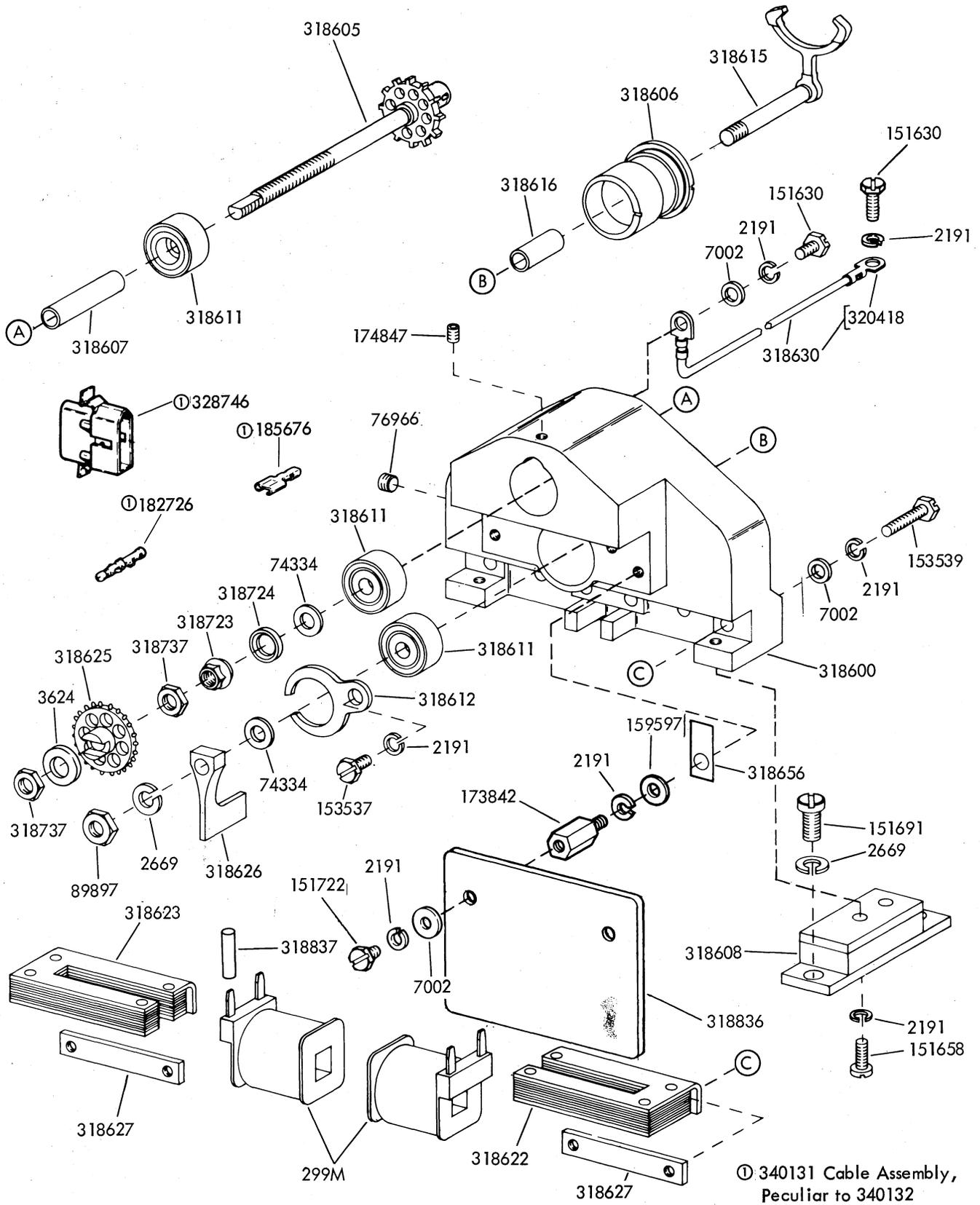


FIGURE 2. 318601 AND 340132 STEPPER BLOCK ASSEMBLIES

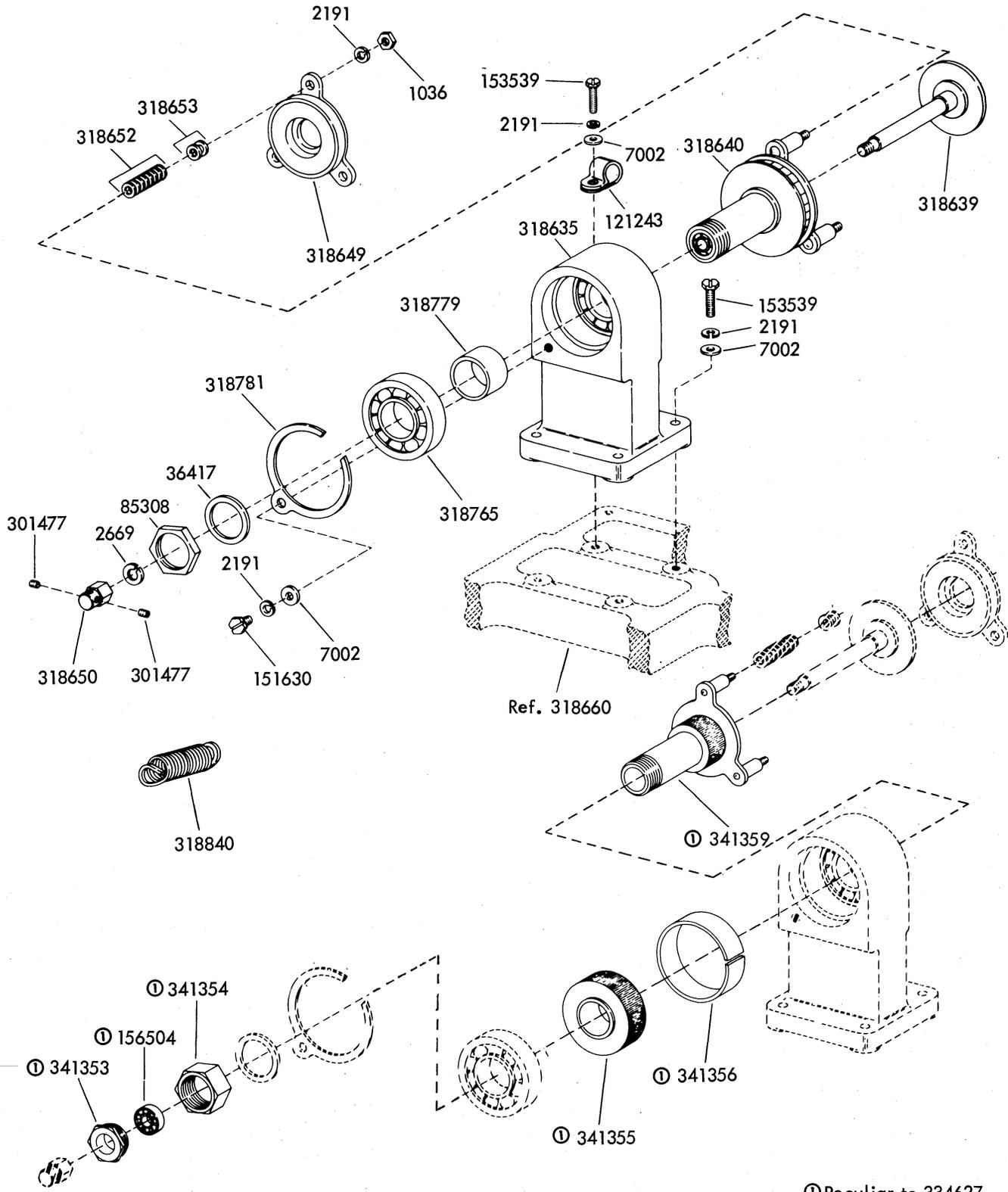


FIGURE 3. 318634 AND 334627 HYSTERESIS CLUTCH ASSEMBLIES

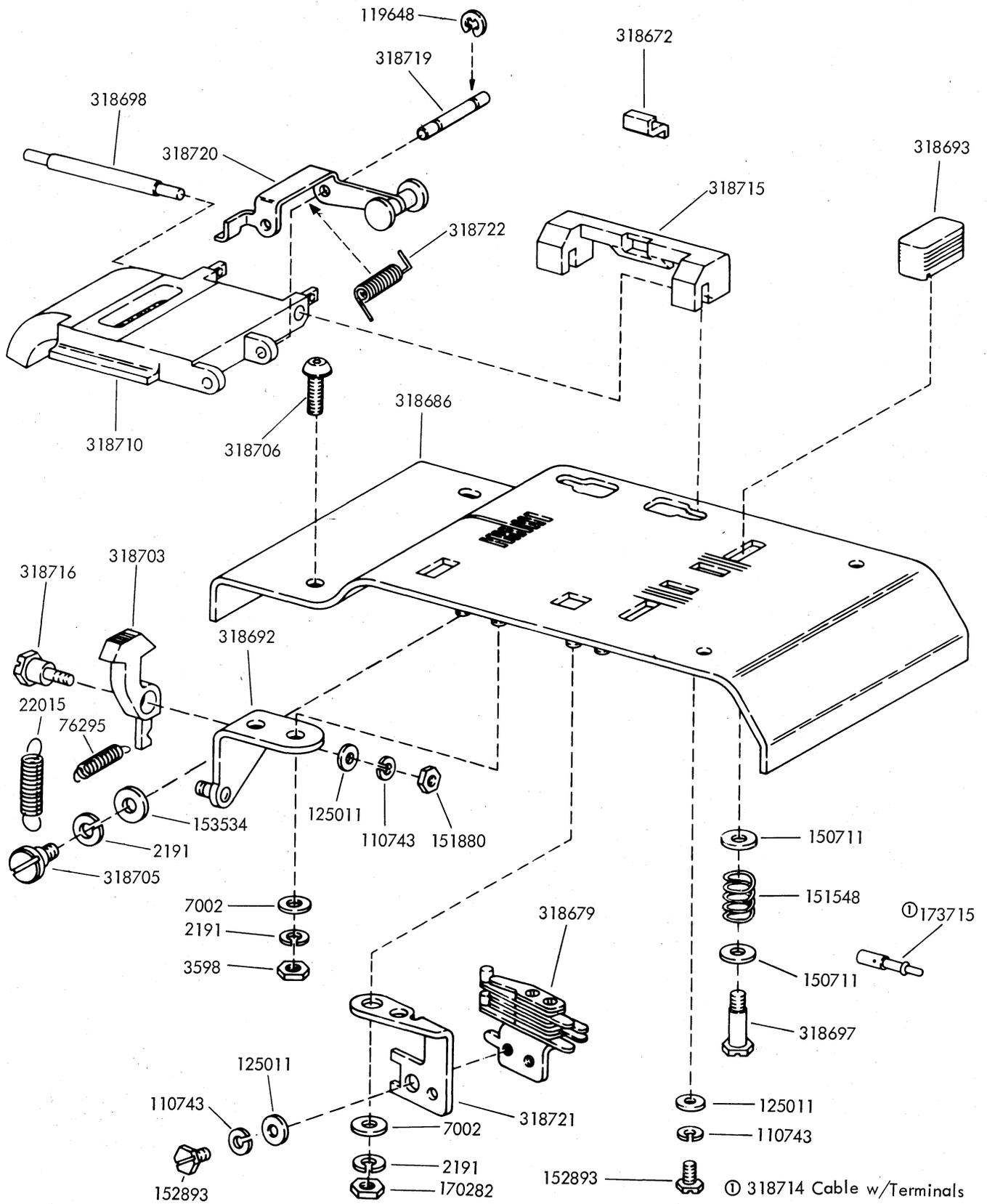


FIGURE 4. 318685 TOP PLATE ASSEMBLY

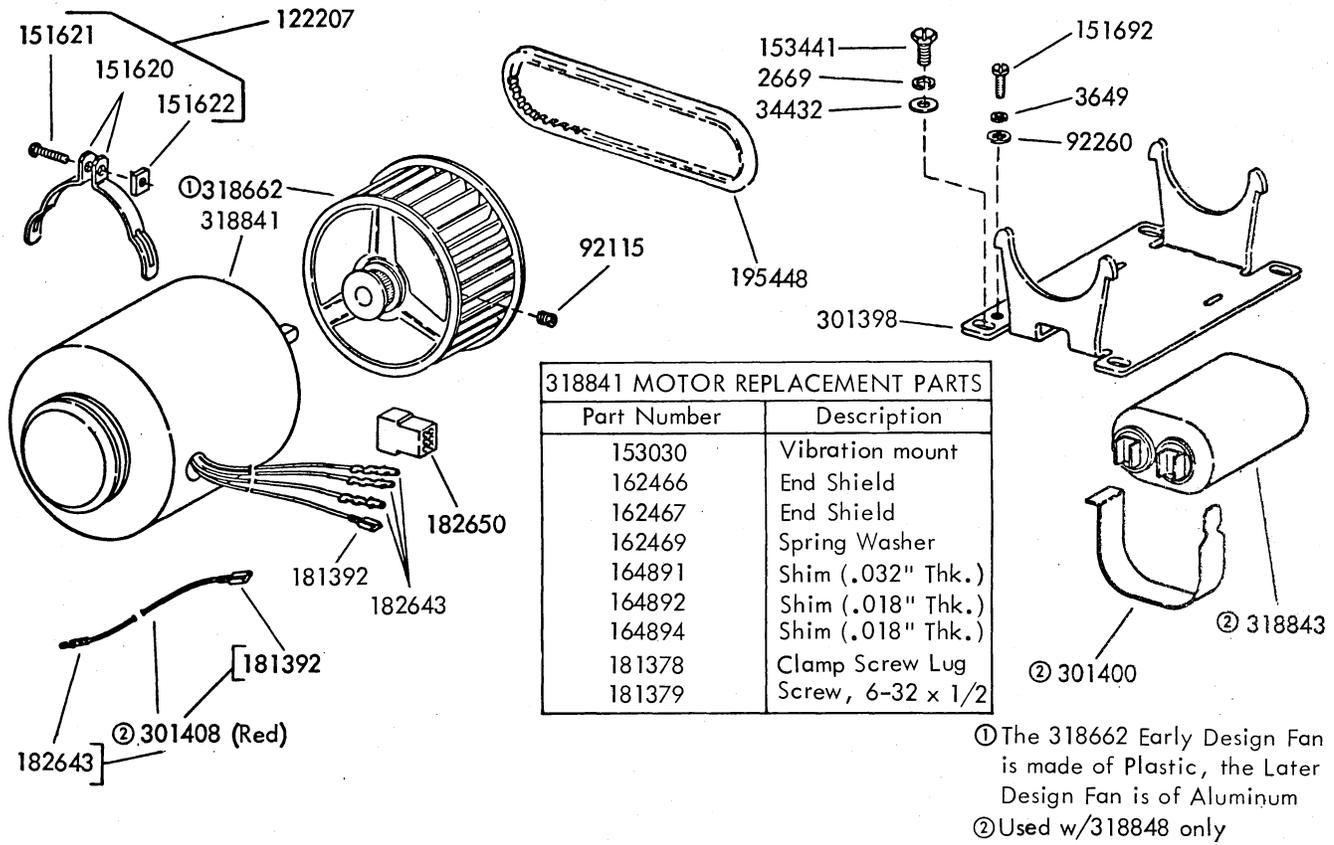


FIGURE 5. 318848 AND 340133 MOTOR ASSEMBLIES 50/60 HERTZ

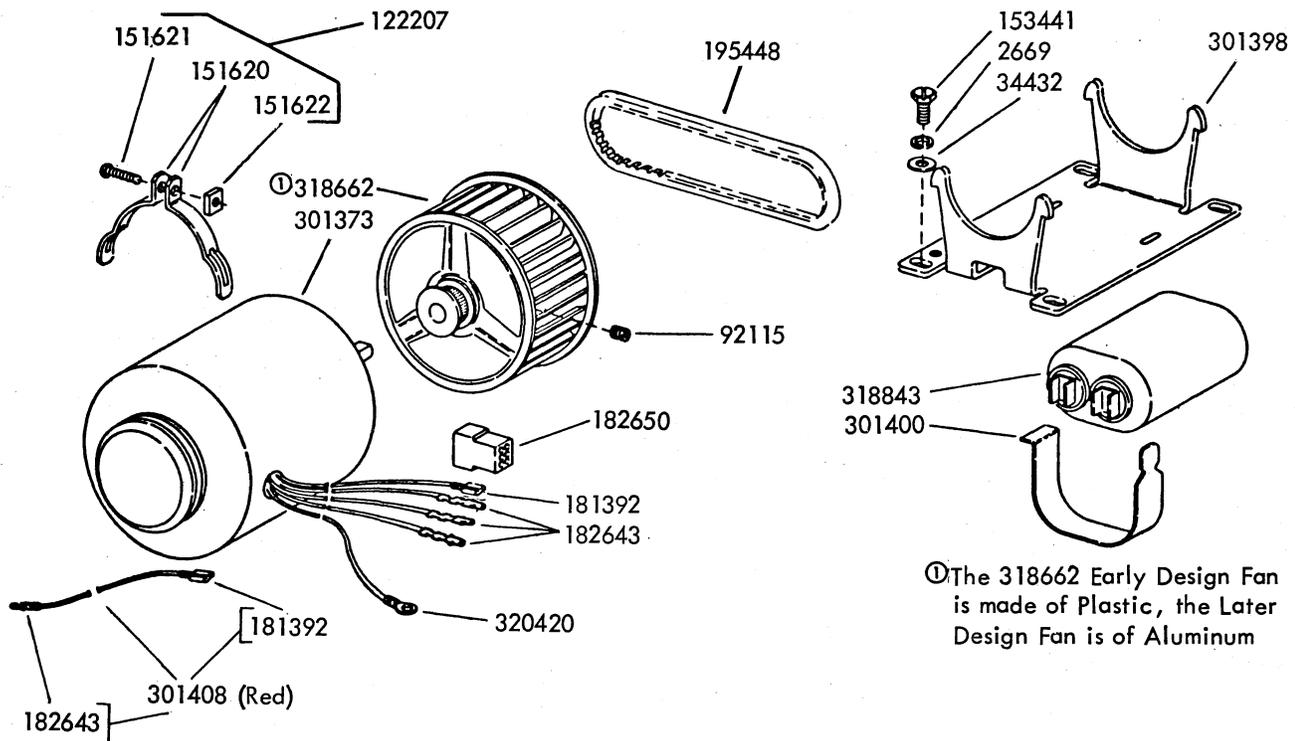


FIGURE 6. 318847 MOTOR ASSEMBLY 60 HERTZ



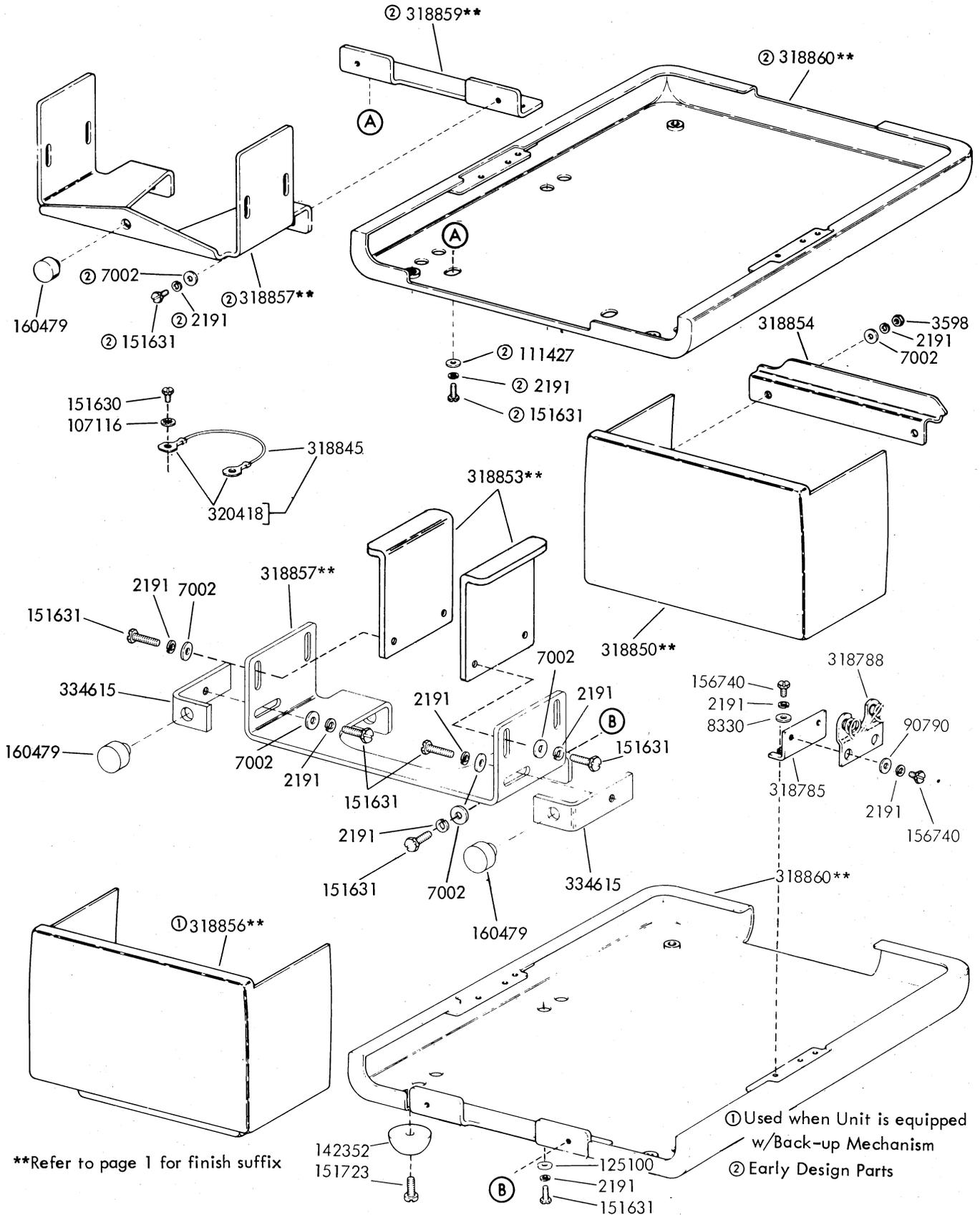
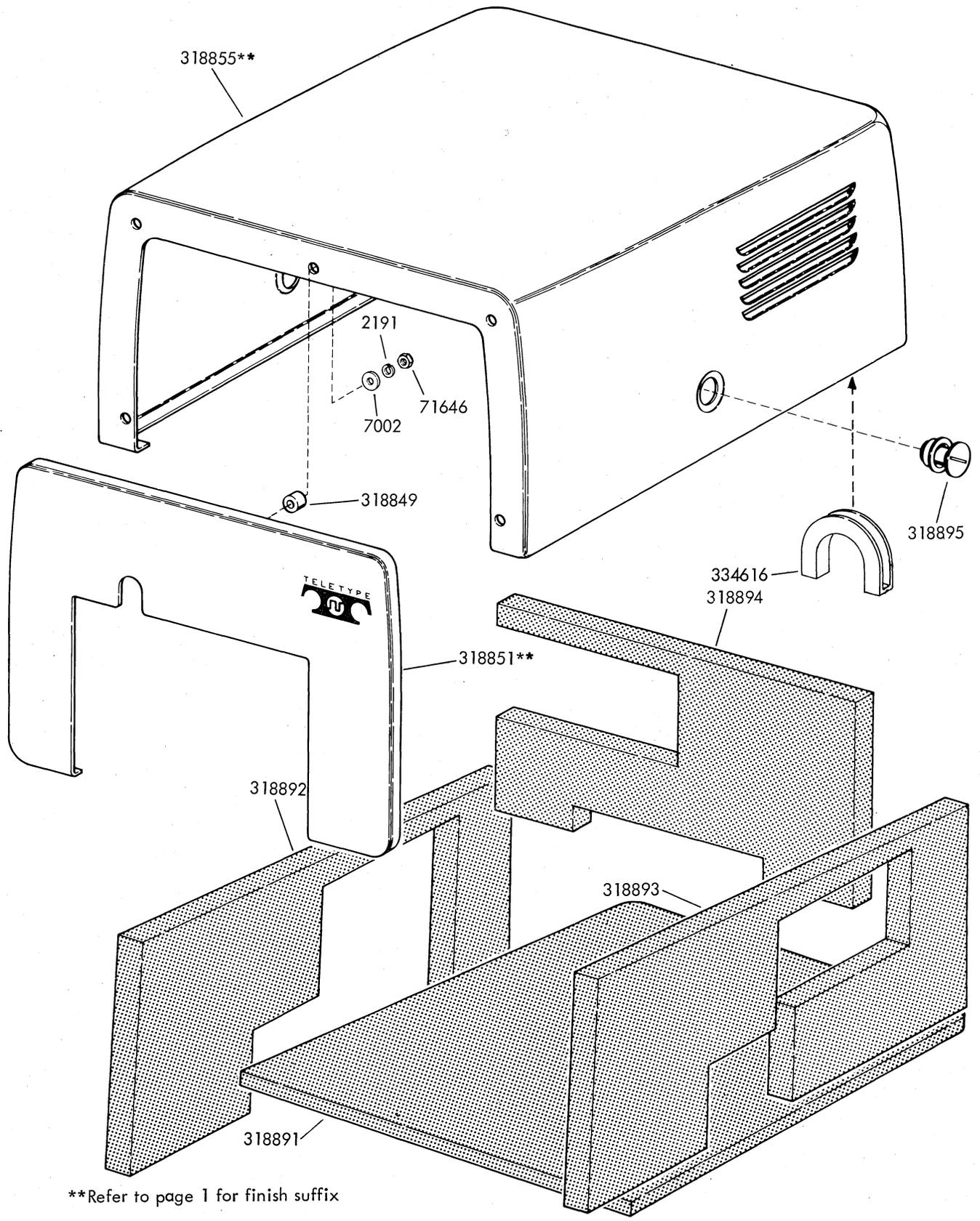


FIGURE 8. PAN AND COMPONENTS FOR SELF-CONTAINED UNITS



\*\*Refer to page 1 for finish suffix

FIGURE 9. COVER AND PADS FOR SELF-CONTAINED UNITS



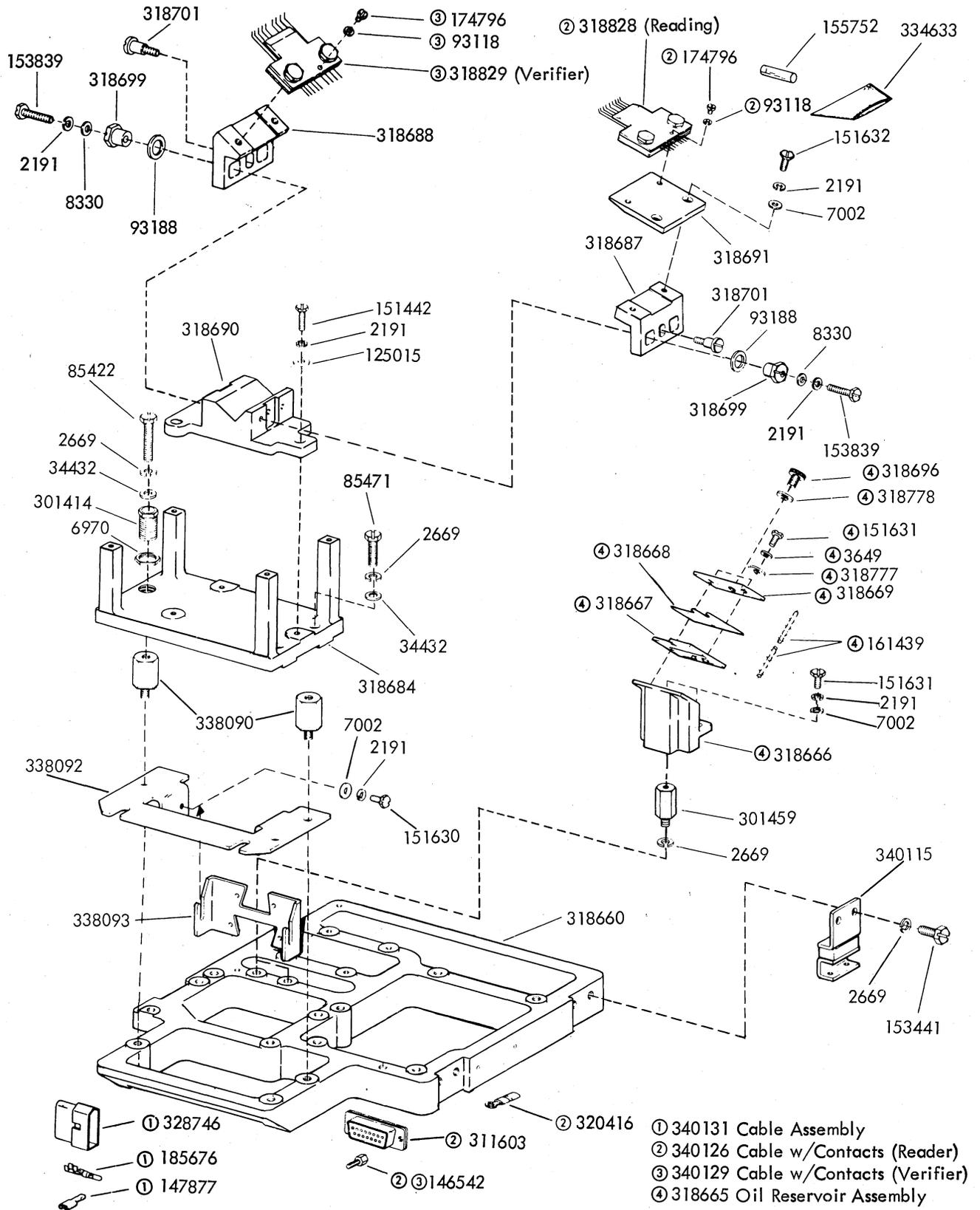


FIGURE 11. BASE AND COMPONENTS FOR CONTROL INTERFACE LOGIC



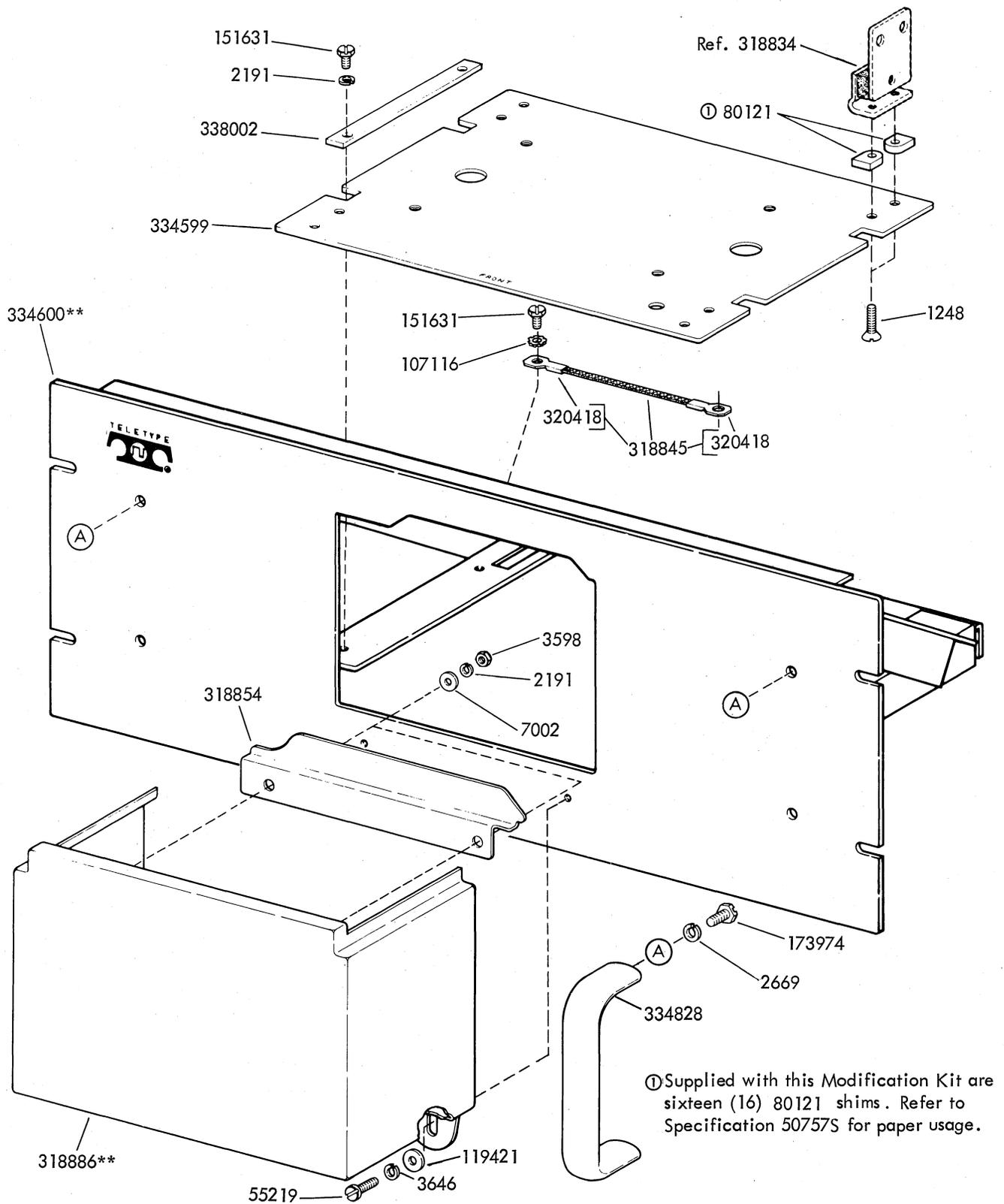


FIGURE 13. 334601\*\* HIGH SPEED READER PANEL MODIFICATION KIT TO MOUNT TAPE READERS TO 19-INCH RELAY RACK

## NUMERICAL INDEX

Part Number	Description and Page Number	Part Number	Description and Page Number	Part Number	Description and Page Number
299M	Coil, Magnet 3	122207	Strap Assembly 6	153534	Washer, Flat 5
1036	Nut, 6-40 Hex 4	125010	Washer, Insulating 7	153537	Screw, 6-40 x 9/32 Hex 3
1248	Screw, 6-40 x 1/2 Flat 13	125011	Washer, Flat 5,10	153539	Screw, 6-40 x 11/16 Hex 3,4
2191	Lockwasher 2 to 5,7 to 13	125015	Washer, Flat 2,7,11	153819	Lockwasher 7,10
2669	Lockwasher 2,3,4,6,11,12,13	125100	Washer, Flat 8	153839	Screw, 6-40 x 5/8 Hex 2, 11
3598	Nut, 6-40 Hex 5,7,8,13	139820	Fuse, SL-BL 2.5 Amp 10	155750	Sleeve, 3/32 ID x 1/2"
3624	Washer, Flat 3	142269	Suppressor, Electrical Noise 10	155752	Lg Insulating 7
3640	Lockwasher 2	142352	Foot, Mounting 8	156504	Sleeve, 5/64 ID x 1/2"
3646	Lockwasher 13	143306	Fuse, SL-BL 1 Amp 10	156632	Lg Insulating 2,11
3649	Washer, Flat 2,6,11	143307	Fuse, .6 Amp 2,7,10	156656	Bearing, Ball 4
6970	Nut, 3/8-32 Hex 2,11	143631	Fuse, 1.5 Amp 7	156740	Screw, 6-40 x 13/32 Hex 7
7002	Washer, Flat 2 to 5,7 to 13	146542	Post Assembly 11	156740	Jumper, 2-3/4 In Black 10
8330	Washer, Flat 2,8,11	146543	Screw Assembly 12	156740	Screw, 6-40 x 7/32 Hex 7, 8
22015	Spring 5	147877	Terminal, Receptacle Type 2,11	156875	Screw, 6-40 x 5/32 Fil 7
34432	Washer, Flat 2,6,11	150711	Washer, Flat 5	158540	Post 10
36417	Washer, Flat 4	150966	Insulator, Terminal Block 10	159597	Washer, Flat 3
55219	Screw, 8-32 x 3/8 Fil 13	151335	Stud 10	160479	Grommet, Rubber 8
70073	Nut, 3-48 Hex 7	151415	Block, Terminal 10	161439	Wick, Felt 2,11
71646	Nut, 6-32 Hex 9	151416	Nut, 6-40 Hex 10	161809	Stud 10
74334	Washer, Flat 3	151442	Screw, 6-40 x 1/2 Hex 2,11	162466	Shield, Rear End 6
76295	Spring 5	151548	Spring, Compression 5	162467	Shield, Front End 6
76966	Setscrew, 10-32 3	151606	Screw, 10-32 x 1/4 Hex 2,12	162469	Washer, Spring 6
80121	Shim, .095" Thk 13	151620	Strap, Motor Mounting 6	164891	Shim, .032" Thk 6
85308	Nut, 5/8-32 Hex 4	151621	Screw, 6-32 x 3/4 Rd 6	164892	Shim, .018" Thk 6
85422	Screw, 10-32 x 15/16 Hex 2, 11	151622	Nut, 6-32 Sq 6	164894	Shim, .018" Thk 6
85471	Screw, 10-32 x 1 Hex 2,11	151630	Screw, 6-40 x 1/4 Hex 3,4, 8,11	170282	Nut, 6-40 Hex 5
89897	Nut, 10-32 Hex 3	151631	Screw, 6-40 x 5/16 Hex 2, 8,11,13	170631	Holder, Fuse 2
90790	Washer, Flat 8	151632	Screw, 6-40 x 3/8 Hex 2, 11	173685	Connector, 50 Pt Plug 2, 7,12
92115	Setscrew, 8-32 6	151637	Screw, 4-40 x 1/4 Fil 2	173715	Terminal, Plug Type 5,7, 12
92260	Lockwasher 6,7	151637	Screw, 4-40 x 1/4 Fil 2	173716	Terminal, Receptacle Type 10
93118	Lockwasher 2,11	151658	Screw, 6-40 x 5/16 Fil 3	173842	Stud 3
93188	Washer, Flat 2,11	151685	Screw, 4-40 x 5/16 Fil 7	173974	Screw, 10-32 x 5/16 Hex 13
98642	Lockwasher 7	151691	Screw, 10-32 x 3/8 Fil 3	174796	Screw, 2-56 x 5/64 Spl 2, 11
98726	Screw, 3-48 x 1/4 Fil 7,10	151692	Screw, 6-40 x 3/16 Fil 6	174847	Setscrew, 6-40 3
107116	Lockwasher 7,8,10,13	151722	Screw, 6-40 x 3/16 Hex 3	177113	Insulator 7
110743	Lockwasher 5,7,10	151723	Screw, 10-32 x 3/8 Hex 2, 7,8	181240	Screw w/Lockwasher, 6-40 x 3/16 Hex 10
111017	Screw, 6-40 x 5/16 Fil 10	151827	Strap, Terminal 10	181241	Screw w/Lockwasher, 6-40 x 1/4 Hex 10
111427	Washer, Flat 8	151880	Nut, 4-40 Hex 5,10	181242	Screw w/Lockwasher, 6-40 x 5/16 Hex 10
112626	Nut, 10-32 Hex 7	151939	Grommet, Rubber 7,10	181378	Lug, Clamp Screw 6
116783	Holder, Fuse 7,10	152893	Screw, 4-40 x 1/4 Hex 5	181379	Screw, 6-32 x 1/2 Fil 6
117535	Washer, Flat 2	153030	Mount, Vibration 6		
119421	Washer, Flat 13	153441	Screw, 10-32 x 7/16 Hex 2, 6,11		
119648	Ring, Retaining 5	153484	Screw, 6-32 Spl 7		
121243	Clamp, 3/16 ID Cable 4				
121246	Clamp, 3/8 ID Cable 2				
121248	Clamp, 1/2 ID Cable 2				
121249	Clamp, 5/8 ID Cable 2				
121741	Post 12				

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181392	Terminal, Tab Type 6	318615	Pallet, Escapement 3	318710	Lid w/Pins, Tape 5
182182	Holder, Fuse 10	318616	Sleeve, Pallet 3	318714	Cable w/Terminals 5
182643	Terminal, Plug Type 6	318622	Core, Right Magnet 3	318715	Housing, Tape Lid 5
182649	Connector, 6 Pt Receptacle Type 2	318623	Core, Left Magnet 3	318716	Screw, 4-40 Eccentric Shoulder 5
182650	Connector, 6 Pt Plug Type 6	318625	Wheel, Feed 3	318719	Shaft 5
182726	Terminal, Receptacle Type 3	318626	Armature 3	318720	Bail 5
185676	Terminal, Plug Type 3,11	318627	Plate, Nut 3	318721	Bracket 5
185677	Terminal, Receptacle Type 2,10	318630	Jumper, 6-1/8" Braided 3	318722	Spring, Torsion 5
185681	Plate, Identification 10	318634	Clutch Assembly, Hysteresis 1,4	318723	Nut, 10-32 Spl 3
185682	Plate, Identification 10	318635	Housing, Clutch 4	318724	Ring 3
185834	Plate, Identification 10	318639	Shaft w/Follower Magnet 4	318737	Nut, 10-32 Hex 3
185835	Plate, Identification 2, 7,10	318640	Hub, Clutch 4	318765	Bearing, Ball 4
192014	Connector, 50 Pt Receptacle Type 10	318649	Plate w/Driver Magnet 4	318777	Washer, .365" OD Sealing 2,11
195272	Screw, 6-40 Spl 12	318650	Coupler 4	318778	Washer, .437" OD Sealing 2,11
195273	Bushing 12	318652	Shim 4	318779	Sleeve 4
195448	Belt, 55T 6	318653	Spacer 4	318781	Bearing, Retainer 4
300340	Bushing 10	318656	Clamp, Cable 3	318785	Bracket 8
301373	Motor, 115 V 60 Hz 6	318660	Base 2,4,11	318788	Bracket w/Spring 8
301398	Bracket, Motor 6	318662	Fan w/Pulley 6	318792	Post 7
301400	Bracket, Capacitor 6	318663	Bracket, Connector 2	318794	Cable Assembly 2
301408	Jumper, 6" Red 6	318665	Reservoir Assembly, Oil 2,11	318800	Driver, Electronic Magnet 1,7
301414	Bushing 2,11	318666	Reservoir, Oil 2,11	318805	Chassis 7
301459	Stud 2,11	318667	Wick, Leather 2,11	318807	Insulator 7
301464	Jumper, 2-1/2", Green 7	318668	Stiffener 2,11	318808	Bracket 7
301477	Setscrew, 4-40 4	318669	Plate 2,11	318810	Card, Circuit 7
303175	Card, Circuit 10	318672	Stop, Tape Lid 5	318811	Post 7
303176	Card, Circuit 10	318679	Contact Assembly 5	318812	Post 7
303856	Card, Circuit 10	318684	Frame 2,11	318813	Coverplate 7
310752	Block, Terminal 7	318685	Plate Assembly, Top 1,5	318815	Capacitor, 5500 MFD 7
311602	Connector, 9 Pt Receptacle 12	318686	Plate w/Studs, Top 5	318816	Resistor, 5 Ohm 7
311603	Connector, 15 Pt Plug 11	318687	Pedestal, Rear 2,11	318817	Resistor, 100-130 Ohm 7
311604	Connector, 15 Pt Receptacle 12	318688	Pedestal, Front 2,11	318818	Transformer 7
315788	Rectifier 7	318690	Support, Pedestal 2,11	318819	Inductor 7,10
318600	Block, Stepper 3	318691	Plate, Adjusting 2,11	318820	Rectifier 7
318601	Block Assembly, Stepper 1,3	318692	Bracket w/Post, Latch 5	318821	Bushing, Insulating 7
318605	Shaft, Escapement 3	318693	Guide, Tape 5	318822	Transistor 7
318606	Bushing, Eccentric 3	318696	Screw, 10-32 Thumb 2,11	318824	Cable w/Terminals 7
318607	Sleeve, Escapement 3	318697	Screw, 6-40 Shoulder 5	318825	Cable w/Terminals 7
318608	Strap, Mounting 3	318698	Shaft, Tape Lid 5	318826	Bracket 7
318611	Bearing, Ball 3	318699	Bushing, Eccentric 2,11	318827	Insulator 7
318612	Clamp, Bearing 3	318701	Screw 6-40, Shoulder 2, 11	318828	Contact Assembly, Code Reading 11
		318702	Post 2	318829	Contact Assembly, Verifying 2,11
		318703	Latch, Tape Lid 5	318834	Foot, Mounting 2,13
		318705	Screw, 6-40 Shoulder 5	318835	Transistor 7
		318706	Screw, 6-40 Spl 5		
		318707	Cable w/Terminals 2		

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318836	Cover 3,4	320418	Terminal, Ring Type 2,3, 7,8,10,13	334632	Cover, Fuse 10
318837	Sleeve, 7/64 ID x 2-3/4" Lg Insulating 3	320420	Terminal, Ring Type 6,7, 10,12	334633	Shield, Contact 11
318838	Sleeve, 1/2 ID x 2" Lg Insulating 7	321787	Nameplate 7	334636	Cable Assembly 10
318840	Spring Assembly, Drive 4	322447	Card, Circuit 12	334637	Filter 10
318841	Motor, 115 V Induction Reversible 6	322448	Card, Circuit 12	334828	Handle 13
318843	Capacitor, 4 MFD 6	322449	Card, Circuit 12	338002	Plate, Clamp 13
318845	Jumper 8,13	322492	Card, Circuit 12	338090	Post 11
318846	Cable Assembly 2	322493	Card, Circuit 12	338092	Plate 11
318847	Motor Assembly 1,6	322666	Card, Circuit 12	338093	Bracket 11
318848	Motor Assembly 1,6	323492	Screw, 4-40 x 1/2 Fil 7	340110	Power Supply 1,10,12
318849	Spacer, Rubber 9	328745	Connector, 4 Pt Receptacle 10	340111	Power Supply 1,10,12
318850**	Panel 8	328746	Connector, 4 Pt Plug 3,11	340112	Power Supply 1,10,12
318851**	Panel, Front 9	332890	Chassis 10	340115	Foot 11
318853**	Bracket 8	332891	Transformer 10	340122	Cable Assembly 12
318854	Strip 8,13	332892	Holder, Fuse 10	340123	Cable Assembly 12
318855**	Cover 9	332893	Capacitor 10	340124	Cable Assembly 12
318856**	Panel 8	332929	Sleeve 10	340125	Bracket 10
318857**	Bracket, Adjusting 8	332933	Shield 12	340126	Cable Assembly 11
318859**	Bracket 8	334599	Baseplate 13	340127	Cable Assembly 10
318860**	Pan 8	334600**	Panel 13	340129	Cable Assembly 11
318886**	Cover 13	334601**	Modification Kit 1,13	340130	Cable Assembly 12
318891	Pad, Top Cover 9	334608	Bracket 10	340131	Cable Assembly 3,11
318892	Pad, Left Cover 9	334609	Cable Assembly 10	340132	Block Assembly, Stepper 1,3
318893	Pad, Right Cover 9	334610	Capacitor 10	340133	Motor Assembly 1,6
318894	Pad, Rear Cover 9	334615	Bracket 8	340134	Plate 12
318895	Fastener 9	334616	Grommet 9	340249	Label 10
320416	Terminal, Ring Type 2,11 12	334623	Plate 10	341353	Clamp 4
		334627	Clutch Assembly 1,4	341354	Nut, 5/8-32 Hex 4
		334631	Filter 10	341355	Drum, Clutch 4
				341356	Lining, Clutch 4
				341359	Hub 4

\*\*Refer to page 1 for finish suffix