

35 TRANSMITTER DISTRIBUTOR

(LXD-Single Contact Type)

PARTS

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TELETYPE TO BELL SYSTEM CODE CROSS-REFERENCE CHART		
Unit Description	Teletype Code	Bell System Code
TRANSMITTER DISTRIBUTOR	LXD803	35A
	LXD804	35B
	LXD805	35C
	LXD811	35D
	LXD812	35E

The part identification information contained in the following change notices have been incorporated in this issue.	
TCNs	1771

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

SECTION 574-225-800

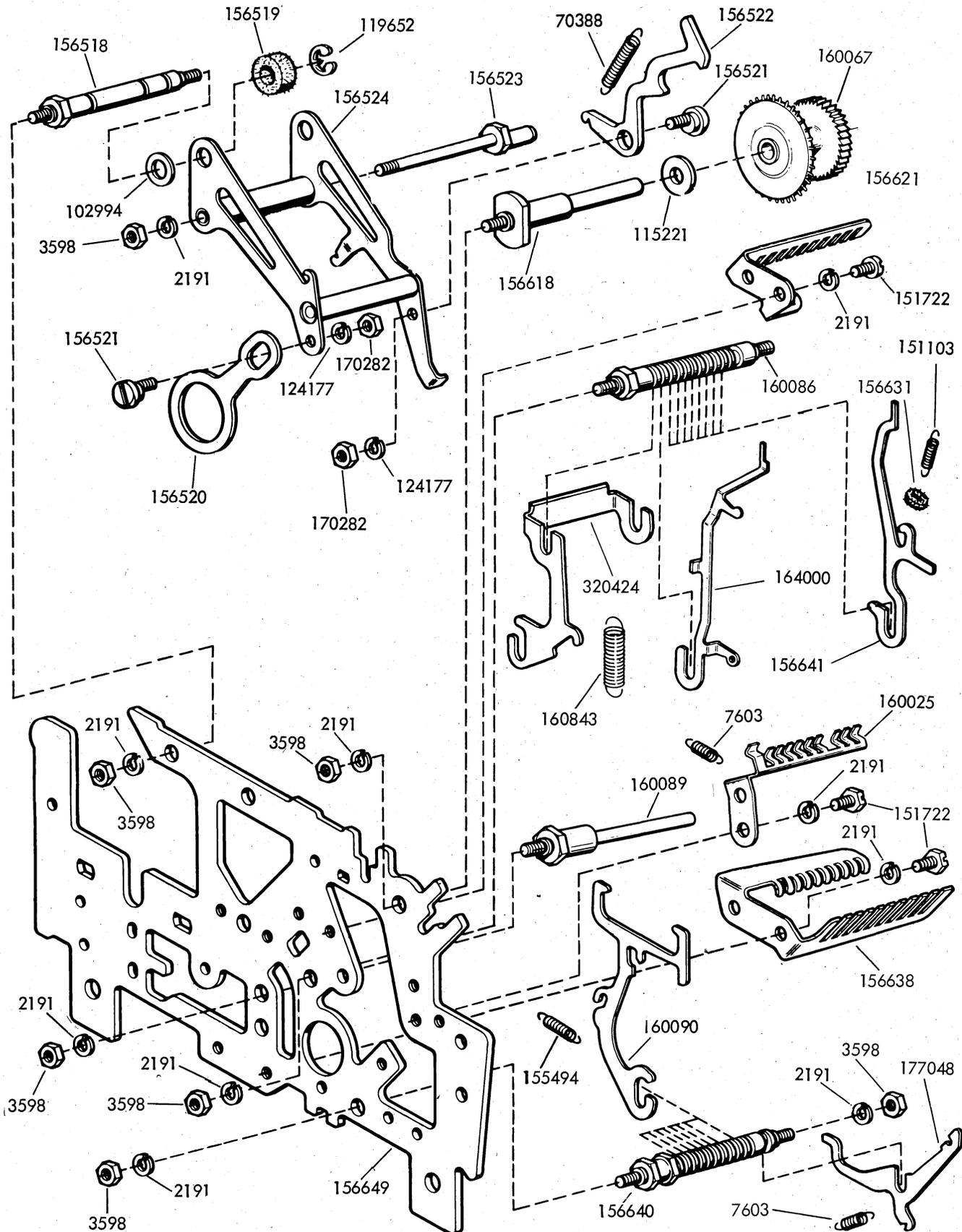
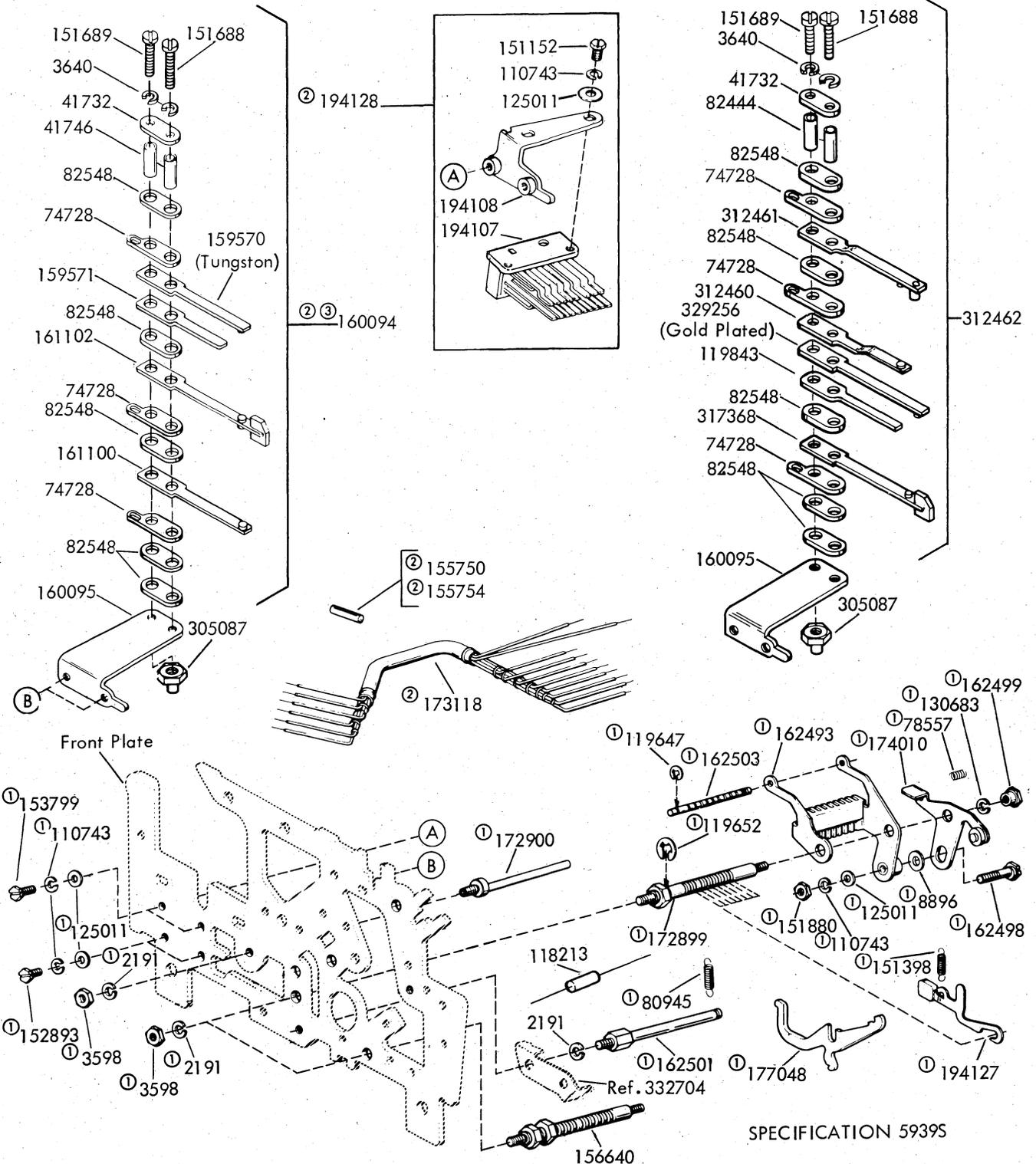


FIGURE 1. FRONT PLATE MECHANISM



① 194034 and 310070 Modification Kits to Provide Multiple Wire Output
310070 also includes 199482 (figure 8)
and 199480 (figure 4)

② 194129 Cable Assembly

③ Replaces 162504 Contact Assembly

FIGURE 2. FRONT PLATE MECHANISM (Continued)

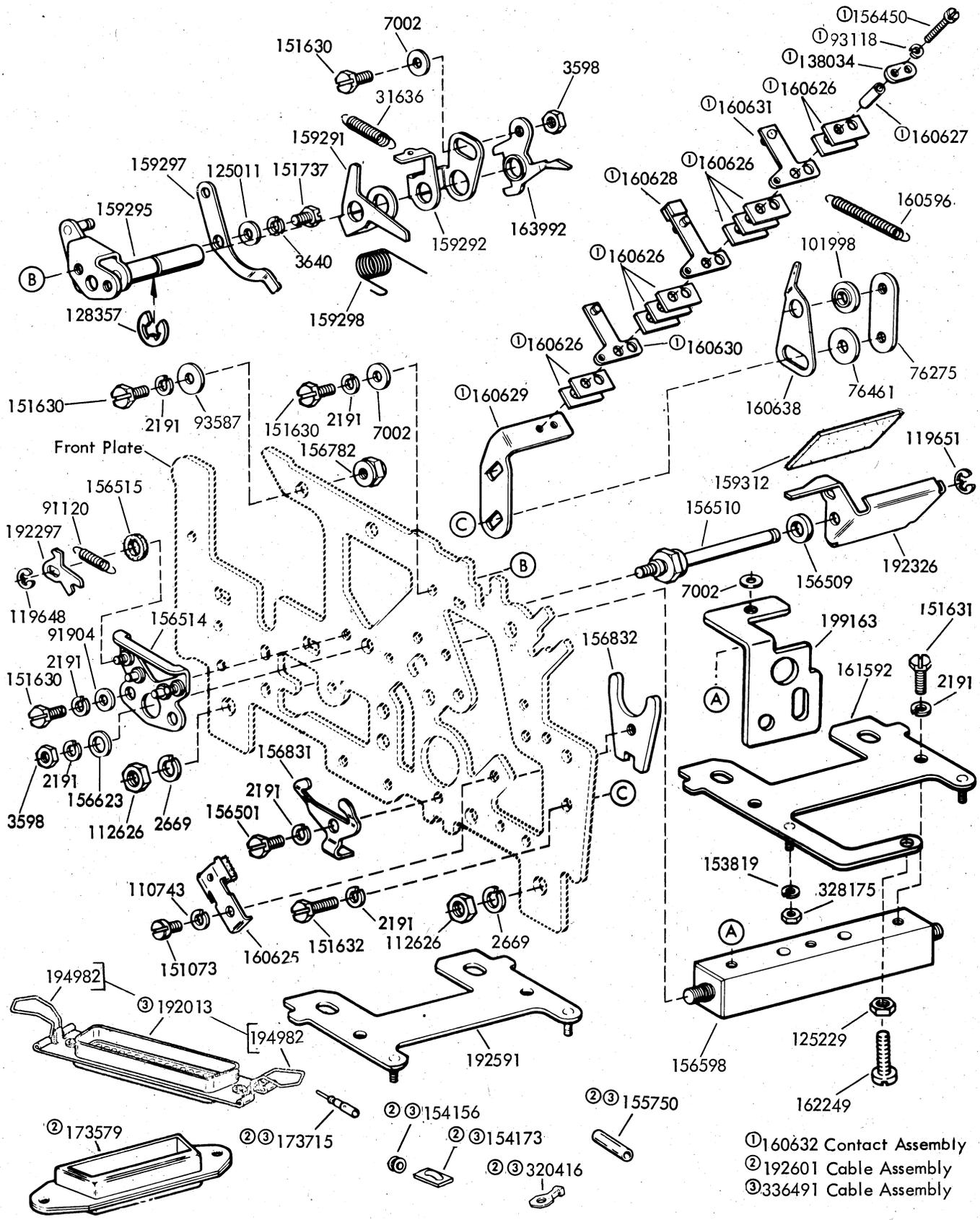
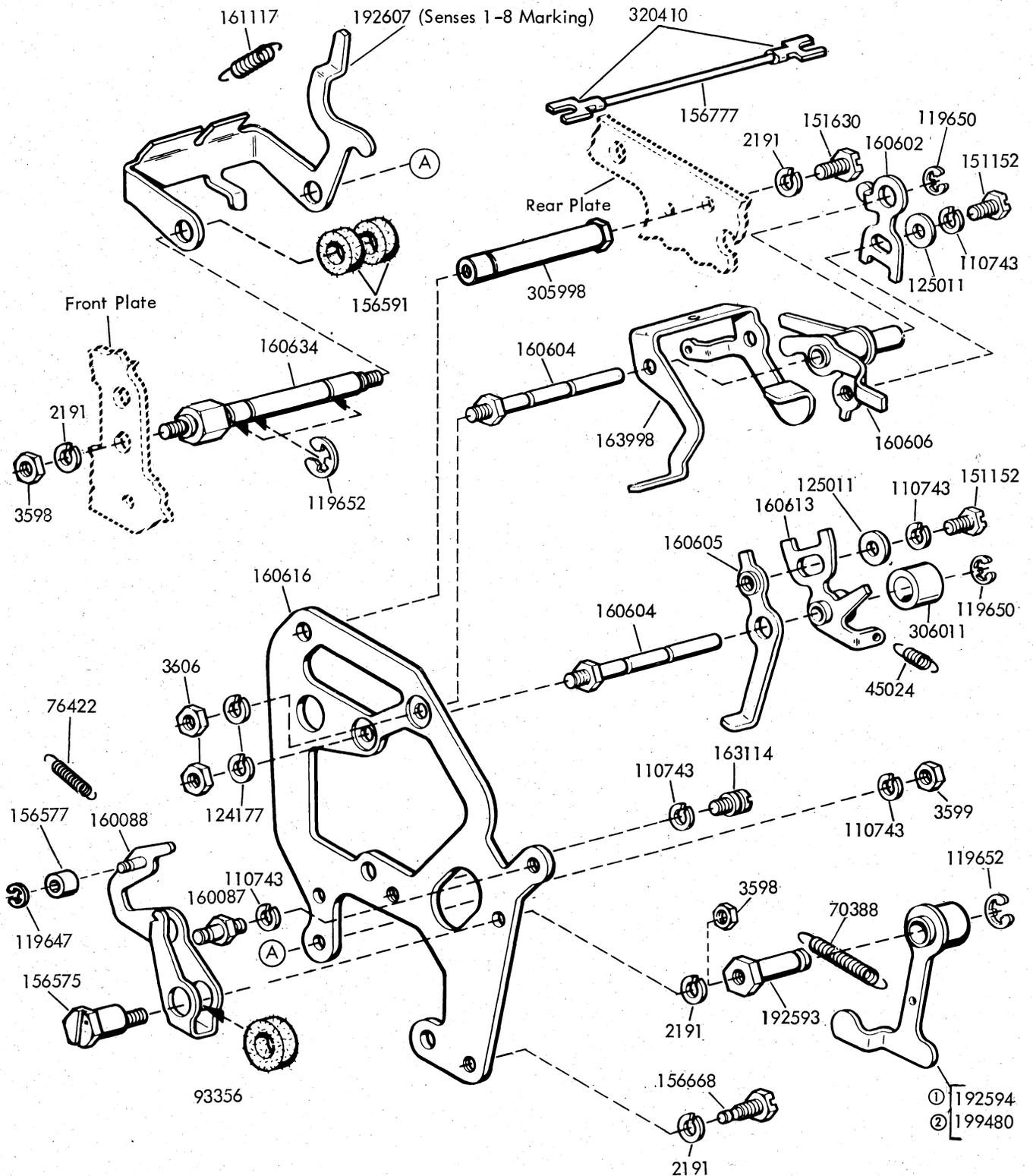
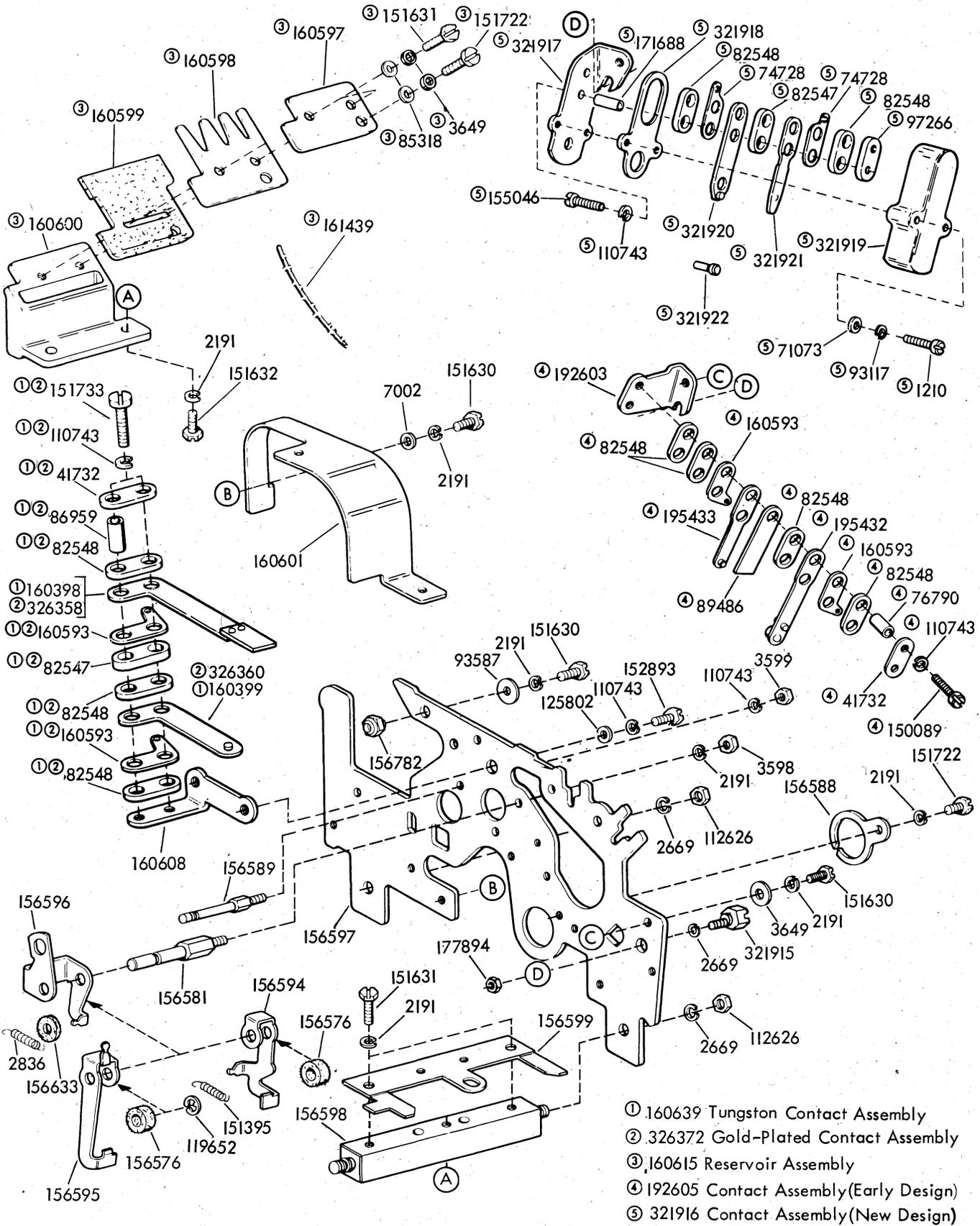


FIGURE 3. FRONT PLATE MECHANISM (Continued)



- ① Early Design required if camshaft is equipped w/set pulse cam adjacent to the aux switch cam
- ② Late Design required if camshaft is equipped w/set pulse cam spaced .110" away from the aux switch cam.

FIGURE 4. CENTER PLATE MECHANISM



- ① 160639 Tungsten Contact Assembly
- ② 326372 Gold-Plated Contact Assembly
- ③ 160615 Reservoir Assembly
- ④ 192605 Contact Assembly (Early Design)
- ⑤ 321916 Contact Assembly (New Design)

FIGURE 5. REAR PLATE MECHANISM

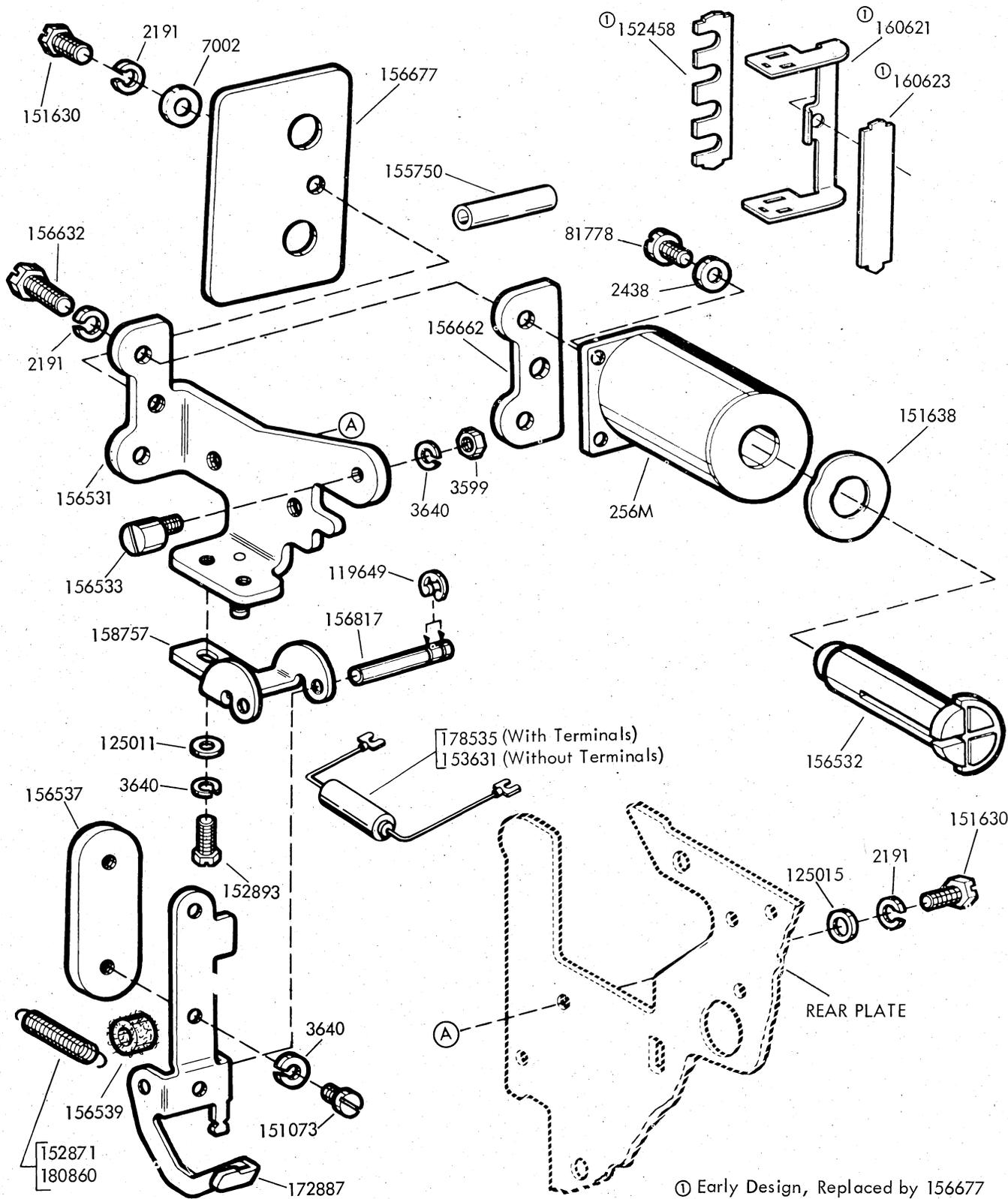
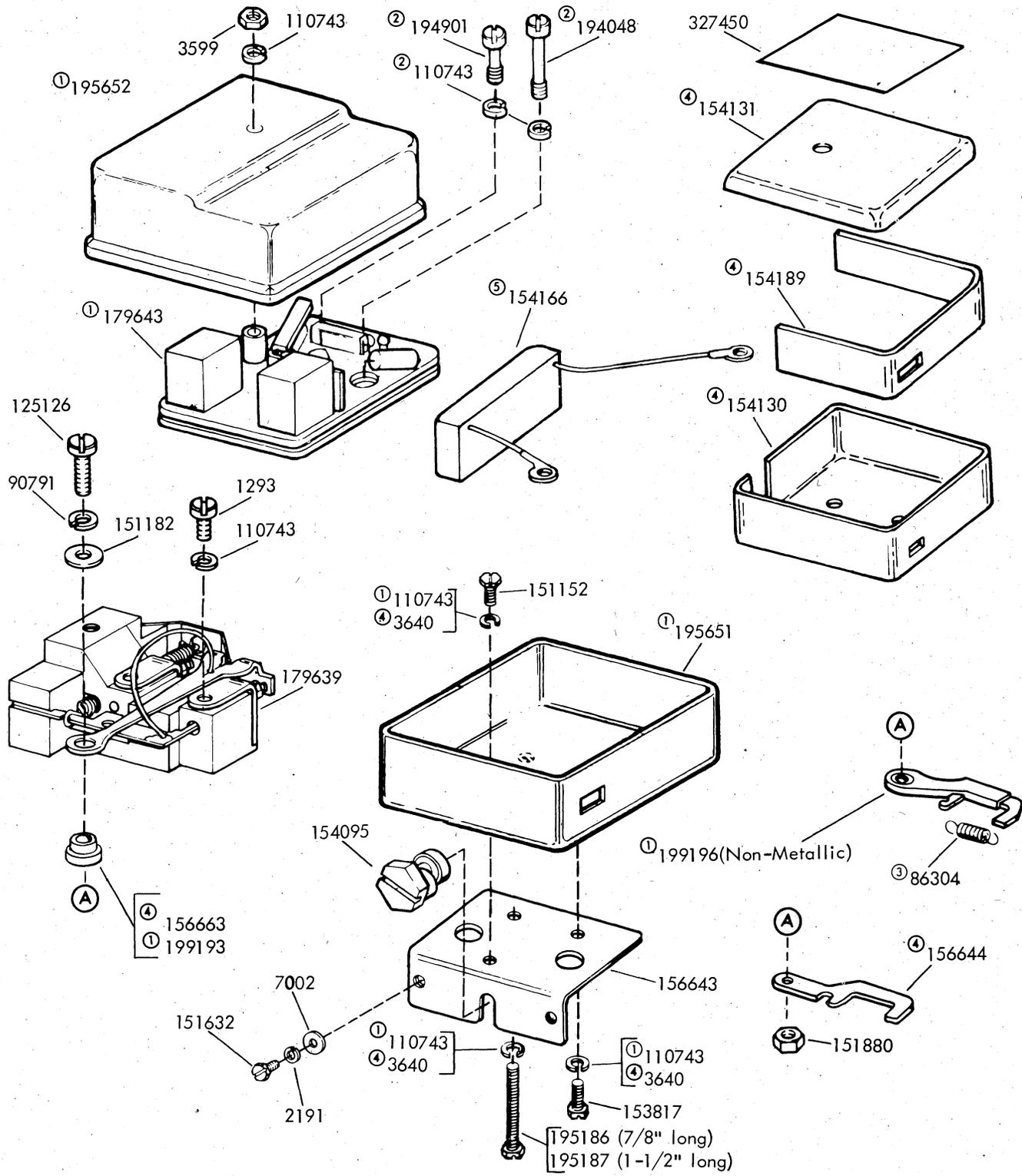
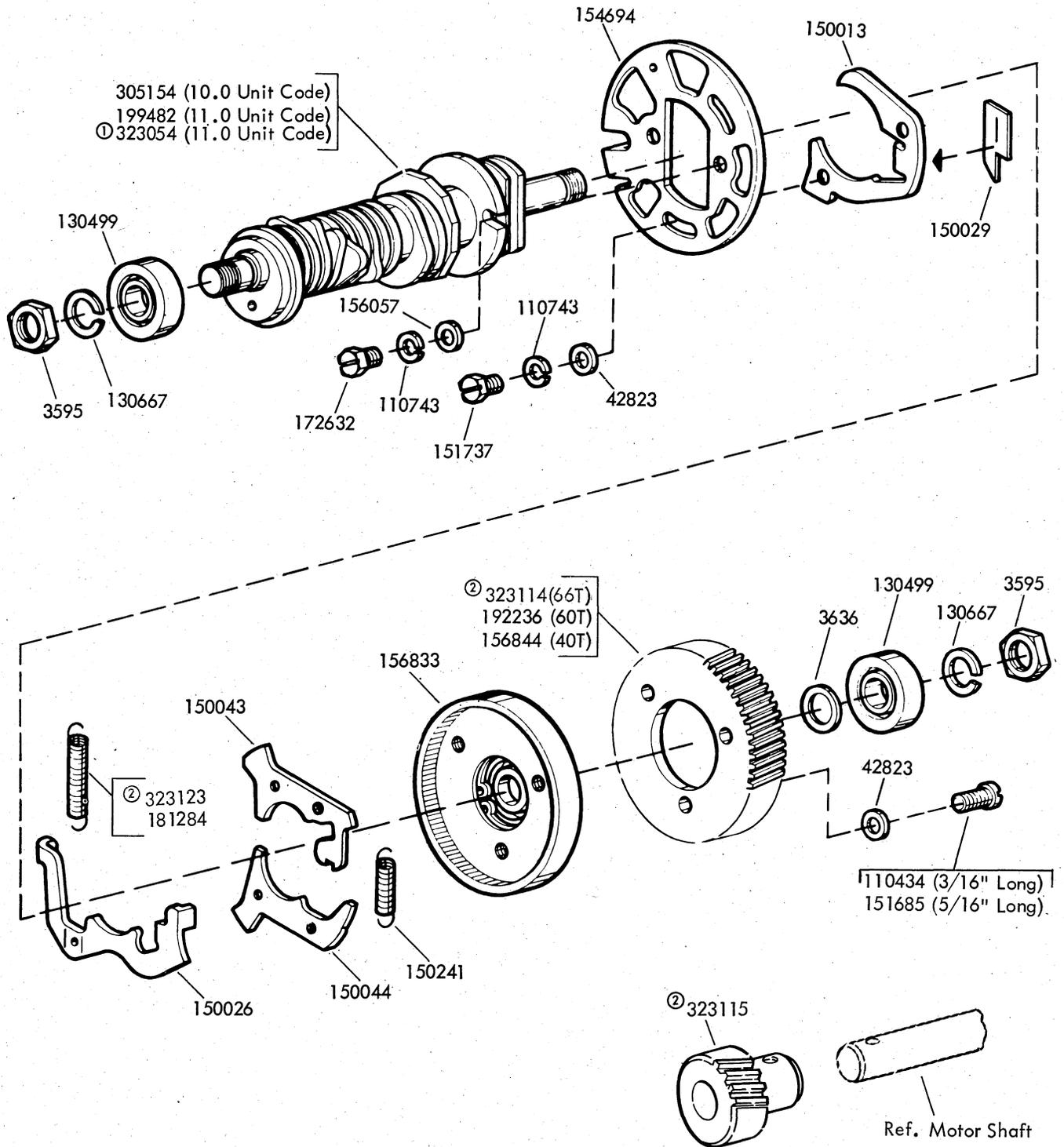


FIGURE 6. CLUTCH TRIP MAGNET MECHANISM



- ① Peculiar to 199505 (Extreme RF Suppression)
- ② Part of 179643 Filter Network
- ③ Not part of contact box assemblies
- ④ Peculiar to 192600 and 197077
- ⑤ Peculiar to 197077 (Arc Suppression-Neutral Transmission)

FIGURE 7. 192600, 197077 AND 199505 CONTACT BOX ASSEMBLIES



- ① The 323054 Camshaft is used only with the 326372 Contact Assembly. See Fig. 5 for Contact Assembly.
- ② 323124 Modification Kit to provide 45.5 WPM (50 Baud, 11.0 Unit Code)

FIGURE 8. MAIN SHAFT MECHANISM

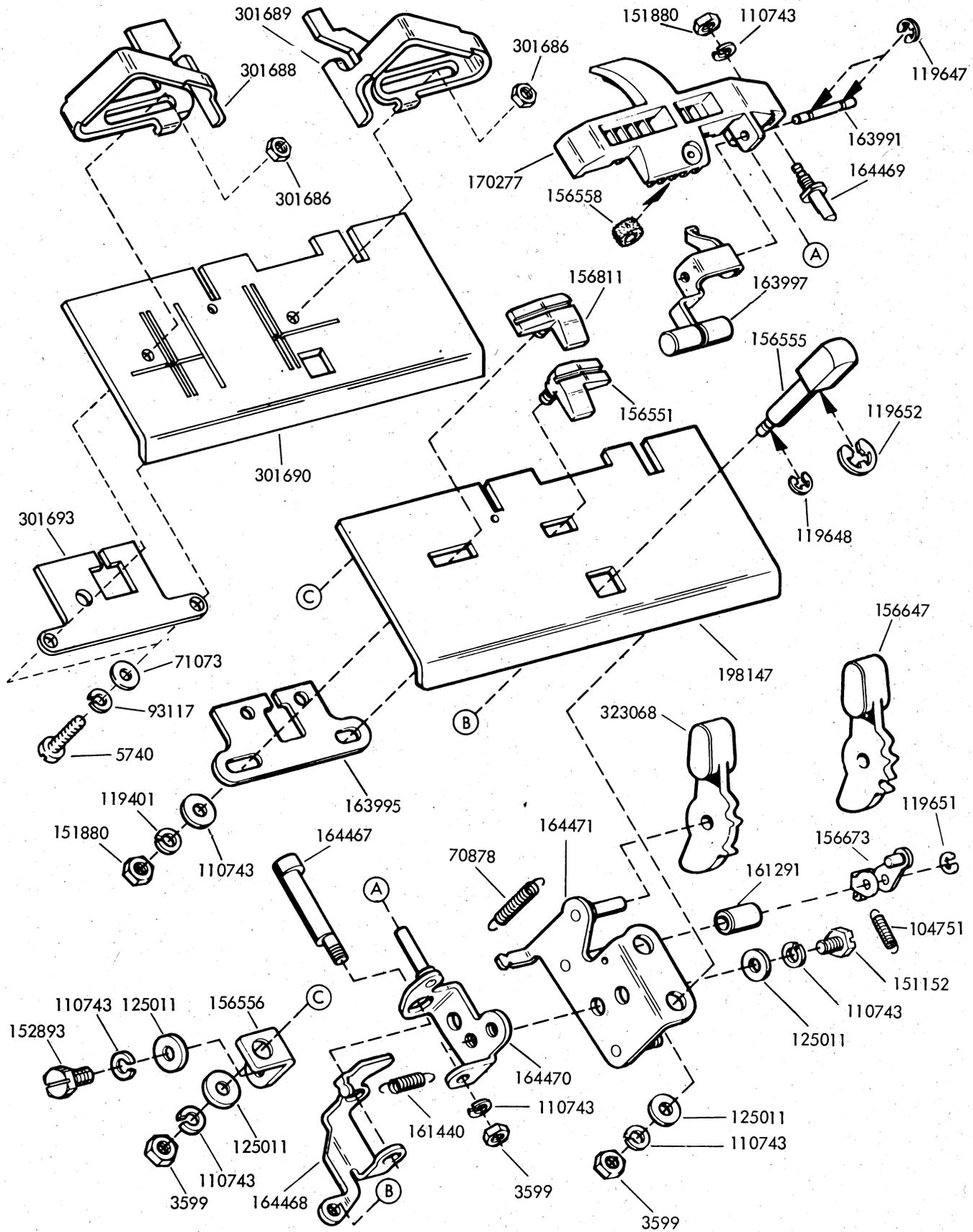


FIGURE 9. TAPE GUIDE PLATE MECHANISM

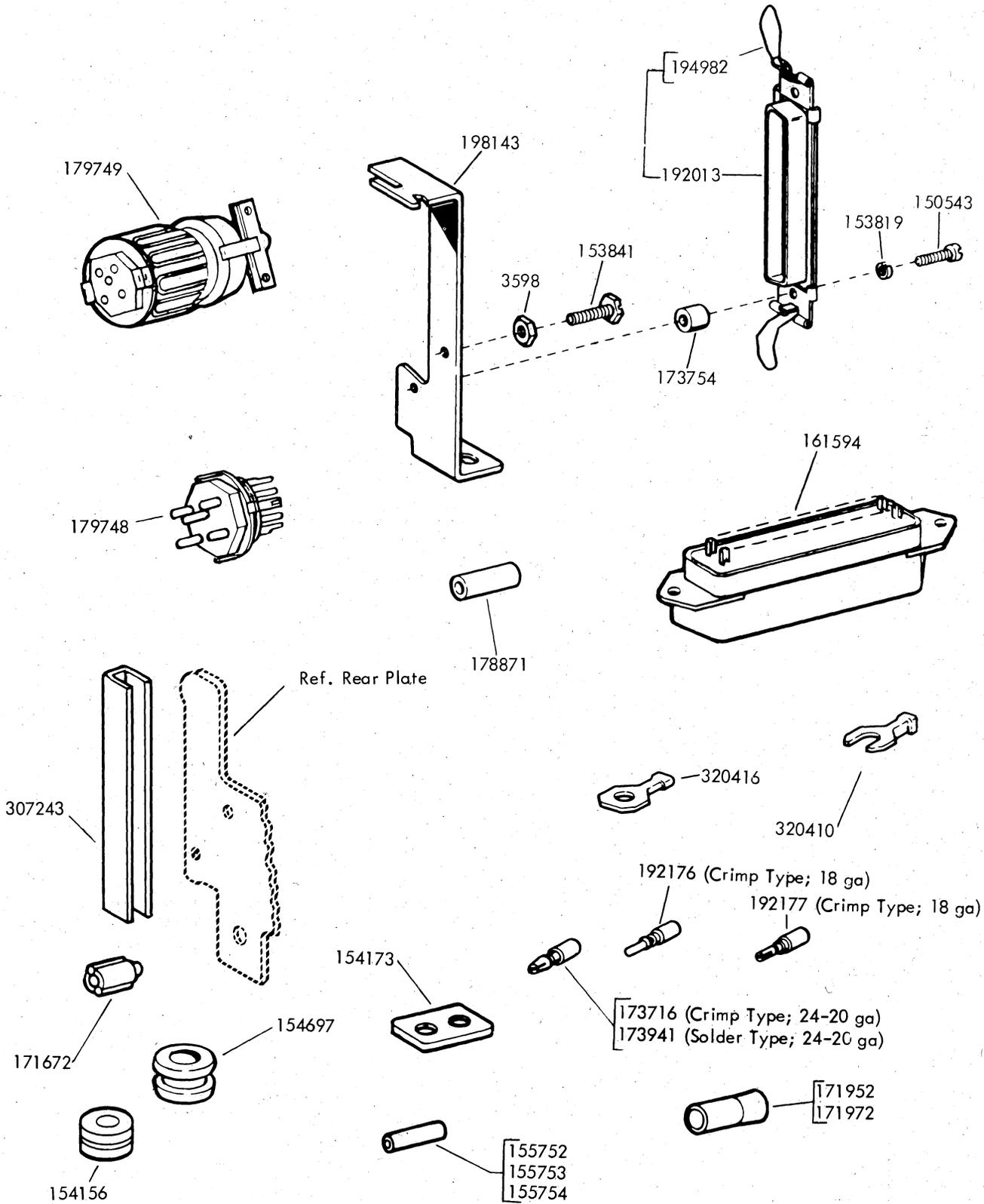


FIGURE 11. CABLE COMPONENTS

NUMERICAL INDEX

Part Number	Description and Page Number	Part Number	Description and Page Number	Part Number	Description and Page Number
256M	Coil, Magnet 7	93117	Lockwasher 6,10	151182	Washer, Insulating 8
1210	Screw, 2-56 x 5/8 Fil 6	93118	Lockwasher 4	151395	Spring 6
1293	Screw, 4-40 x 1/8 Fil 8	93356	Washer, Felt 5	151398	Spring 3
2191	Lockwasher 2,3,4,5,6, 7,8,11	93587	Washer, Flat 4,6,11	151630	Screw, 6-40 x 1/4 Hex 4,5,6,7
2438	Washer, Flat 7	97266	Plate, Clamp 6	151631	Screw, 6-40 x 5/16 Hex 4,6
2669	Lockwasher 4,6	101998	Bushing, Shoulder 4	151632	Screw, 6-40 x 3/8 Hex 4, 6,8
2836	Spring 6	102994	Washer, Flat 2	151638	Washer, Spring 7
3595	Nut, 1/4-32 Hex 9	104751	Spring 10	151685	Screw, 4-40 x 5/16 Fil 9
3598	Nut, 6-40 Hex 2,3,4,5,6, 11,12	110434	Screw, 4-40 x 3/16 Fil 9	151688	Screw, 4-40 x 5/8 Fil 3
3599	Nut, 4-40 Hex 5,6,7,8, 10,11	110743	Lockwasher 3,4,5,6, 8,9,10,11	151689	Screw, 4-40 x 3/4 Fil 3
3606	Nut, 6-40 Hex 5	112626	Nut, 10-32 Hex 4,6	151722	Screw, 6-40 x 3/16 Hex 2,6
3636	Washer, Flat 9	115221	Washer, Felt 2	151733	Screw, 4-40 x 9/16 Fil 6
3640	Lockwasher 3,4,7,8	118213	Resistor, 2200 Ohm 3	151737	Screw, 4-40 x 11/64 Hex 4,9
3649	Washer, Flat 6	119401	Washer, Flat 10	151880	Nut, 4-40 Hex 3,8,10
5740	Screw, 2-56 x 1/4 Fil 10	119647	Ring, Retaining 3,5,10	152458	Shield, Terminal 7
7002	Washer, Flat 4,6,7,8,11	119648	Ring, Retaining 4,10	152871	Spring 7
7603	Spring 2	119649	Ring, Retaining 7	152893	Screw, 4-40 x 1/4 Hex 3, 6,7,10,11
8896	Shim, .004" Thk 3	119650	Ring, Retaining 5	153631	Network, Spark Suppression 7
31636	Spring 4	119651	Ring, Retaining 4,10	153799	Screw, 4-40 x 21/64 Hex 3
41732	Plate, Clamp 3,6	119652	Ring, Retaining 2,3,5,6, 10	153817	Screw, 4-40 x 3/8 Hex 8
41746	Bushing, Insulating 3	119843	Stiffener 3	153819	Lockwasher 4,12
42823	Washer, Flat 9	124177	Lockwasher 2,5	153841	Screw, 6-40 x 9/16 Hex 12
45024	Spring 5	125011	Washer, Flat 3,4,5,7,10, 11	154095	Eccentric, Contact Box 8
70388	Spring 2,5	125015	Washer, Flat 7	154130	Box, Contact 8
70878	Spring 10	125126	Screw, 2-56 x 9/32 Fil 8	154131	Cover, Contact 8
71073	Washer, Flat 6,10	125229	Nut, 6-32 Hex 4	154156	Grommet, Rubber 4,12
74728	Terminal, Contact 3,6	125802	Washer, Flat 6	154166	Suppressor, Arc 8
74987	Spring, Compression 11	128357	Ring, Retaining 4	154173	Plate 4,12
76275	Plate, Nut 4	130499	Bearing, Ball 9	154189	Insulator 8
76422	Spring 5	130667	Lockwasher 9	154694	Disc, Clutch Cam 9
76461	Washer, Flat 4	130683	Lockwasher 3	154697	Grommet, Rubber 12
76790	Bushing, Insulating 6	138034	Plate, Clamp 4	155046	Screw, 4-40 x 15/32 Hex 6
78557	Spring 3	150013	Disc, Adjusting 9	155494	Spring 2
80945	Spring 3	150026	Lever, Shoe Release 9	155750	Sleeve, 3/32 ID x 1/2 Lg Insulating 3,4,7
81778	Screw, 4-40 x 3/16 Fil 7	150029	Wick, Felt 9	155752	Sleeve, 5/64 ID x 1/2 Lg Insulating 12
82444	Bushing, Insulating 3	150043	Shoe, Secondary Clutch 9	155753	Sleeve, 1/8 ID x 1/2 Lg Insulating 12
82547	Insulator, .094 Thk 6	150044	Shoe, Primary Clutch 9		
82548	Insulator, .062 Thk 3,6	150089	Screw, 4-40 x 1/2 Fil 6		
85318	Washer, Leather 6	150241	Spring 9		
86304	Spring 8	150543	Screw, 3-48 x 13/32 Fil 12		
86959	Bushing, Insulating 6	151073	Screw, 4-40 x 5/32 Fil 4,7		
89486	Stiffener 6	151103	Spring 2		
90791	Lockwasher 8	151152	Screw, 4-40 x 3/16 Hex 3,5,8,10		
91120	Spring 4				
91904	Washer, Flat 4				

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Part Number	Description and Page Number	Part Number	Description and Page Number	Part Number	Description and Page Number
155754	Sleeve, 1/16 ID x 1/2 Lg Insulating 3,12	156640	Post 2,3	160602	Arm 5
156057	Washer, Flat 9	156641	Pin, Sensing 2	160604	Post 5
156450	Screw, 2-56 x 1/2 Fil 4	156643	Bracket 8	160605	Arm 5
156501	Screw, 6-40 x 7/32 Fil 4	156644	Link, Drive 8	160606	Arm w/Spring Post 5
156509	Washer, Flat 4	156647	Lever, Start-Stop 10	160608	Bracket, Contact 6
156510	Post 4	156649	Plate, Front 2	160613	Arm w/Hub 5
156514	Plate w/Studs 4	156662	Plate 7	160615	Reservoir Assembly 6
156515	Washer, Felt 4	156663	Bushing, Insulating 8	160616	Plate 5
156518	Post 2	156668	Screw, 6-40 Spl 5	160621	Bracket 7
156519	Washer, Felt 2	156673	Bail w/Stud 10	160623	Shield 7
156520	Arm 2	156677	Plate, Insulator 7	160625	Clip w/Wick 4
156521	Screw, 6-40 Eccentric Shoulder 2	156777	Jumper, 2" Black 5	160626	Insulator, .031 Thk 4
156522	Pawl 2	156778	Rod 11	160627	Bushing, Insulating 4
156523	Stud, Eccentric 2	156779	Plunger 11	160628	Spring, Contact 4
156524	Bail 2	156780	Bracket, Detent 11	160629	Bracket, Contact 4
156531	Bracket w/Posts 7	156782	Nut, 6-40 Spl 4,6	160630	Spring, Contact 4
156532	Core 7	156811	Guide, Left 10	160631	Spring, Contact 4
156533	Screw, 4-40 Eccentric 7	156817	Shaft 7	160632	Contact Assembly 4
156537	Armature 7	156831	Clamp 4	160634	Post 5
156539	Washer, Felt 7	156832	Plate 4	160638	Bracket, Spring 4
156551	Guide, Right 10	156833	Drum Assemble, Clutch 9	160639	Contact Assembly 6
156555	Plunger, Tape Lid 10	156844	Gear, 40T 9	160843	Spring 2
156556	Bracket 10,11	158757	Hinge, Mounting 7	161100	Spring, Contact 3
156558	Washer, Felt 10	159291	Bail 4	161102	Spring, Contact 3
156575	Screw, 6-40 Eccentric Shoulder 5	159292	Bail 4	161117	Spring 5
156576	Washer, Felt 6	159295	Bracket w/Posts 4	161291	Bushing 10
156577	Roller, Detent Lever 5	159297	Arm, Stop 4	161439	Wick, Felt 6
156581	Stud 6	159298	Spring, Torsion 4	161440	Spring 10
156588	Ring, Retaining 6	159312	Wick, Leather 4	161592	Plate w/Studs 4
156589	Post, Spring 6	159570	Spring, Contact 3	161594	Connector, 36 Pt Plug 12
156591	Washer, Felt 5	159571	Stiffener 3	162249	Screw, 6-32 Insulating 4
156594	Lever, Trip 6	160025	Bracket 2	162493	Bail 3
156595	Latchlever 6	160067	Wheel, Feed 2	162498	Screw, 4-40 Eccentric 3
156596	Bail 6	160086	Guidepost 2	162499	Nut, 4-40 Shoulder 3
156597	Plate, Rear 6	160087	Post, Spring 5	162501	Post, Spring 3
156598	Post 4,6	160088	Bail w/Stud 5	162503	Shaft, Spring 3
156599	Plate 6	160089	Post, Stop 2	162504	Contact Assembly, Auxiliary 3
156608	Plate, Cover 11	160090	Lever, Transfer 2	163114	Post, Spring 5
156609	Plate, Spring 11	160094	Contact Assembly, Auxiliary 3	163991	Shaft 10
156618	Post 2	160095	Bracket 3	163992	Arm, Extension 4
156621	Guide, Transfer Lever 2	160398	Spring, Contact 6	163995	Plate 10
156623	Washer, Flat 4	160399	Spring, Contact 6	163997	Bail 10
156631	Washer, Felt 2	160593	Terminal 6	163998	Bail 5
156632	Screw, 6-40 x 13/32 Hex 7	160596	Spring 4	164000	Pin, Tape Out 2
156633	Washer, Felt 6	160597	Plate 6	164467	Post, Eccentric 10
156638	Guide, Transfer Lever 2	160598	Stiffener 6	164468	Bail 10
		160599	Wick, Leather 6	164469	Post 10
		160600	Reservoir, Oil 6		
		160601	Guard 6		

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Part Number	Description and Page Number	Part Number	Description and Page Number	Part Number	Description and Page Number
164470	Bracket w/Studs 10	192236	Gear, 60T 9	301686	Nut, 2-56 Shoulder 10
164471	Bracket w/Studs 10	192237	Plate, Cover 11	301688	Guide, Tape 10
170277	Lid, Tape 10	192297	Latch 4	301689	Guide, Tape 10
170282	Nut, 6-40 Hex 2	192326	Bail 4	301690	Plate w/Studs 10
171672	Connector, Red Insulated 12	192591	Plate w/Studs 4	301693	Plate 10
171688	Bushing, .265" Thk 6	192593	Stud 5	305087	Post 3
171952	Connector, Green Shielding 12	192594	Follower, Cam 5	305154	Camshaft 9
171972	Connector, Green Insulated 12	192599	Plate w/Studs 11	305998	Post 5
172632	Screw, 4-40 x 3/16 Hex 9	192600	Box Assembly, Contact 1,8	306011	Sleeve, Stop 5
172887	Bail 7	192601	Cable Assembly 4	307243	Insulator 12
172899	Guidepost 3	192603	Bracket 6	310070	Modification Kit 3
172900	Post, Stop 3	192605	Contact Assembly 6	312460	Spring, Contact 3
173118	Cable 3	192607	Bail, LTRS Sensing 5	312461	Spring, Contact 3
173579	Connector, 50 Pt Plug Type 4	194034	Modification Kit 3	312462	Contact Assembly 3
173715	Terminal, Plug Type 4	194048	Screw, 4-40 Spl 8	317368	Contact, Spring 3
173716	Terminal, Receptacle Type 12	194107	Contact Assembly 3	320410	Terminal, Spade Type 5,12
173754	Spacer 12	194108	Bracket w/Bushing 3	320416	Terminal, Ring Type 4,12
173941	Terminal, Receptacle Type 12	194127	Arm, Sensing 3	320424	Bail 2
174010	Plate 3	194128	Contact Assembly 3	321915	Eccentric 6
177048	Latch 2,3	194129	Cable Assembly 3	321916	Contact Assembly 6
177894	Nut, 10-32 Spl 6	194901	Screw, 4-40 Spl 8	321917	Bracket 6
178535	Suppressor, Spark 7	194982	Clip, Connector 4,12	321918	Gasket 6
178871	Roller, Drive 12	195186	Screw, 4-40 x 7/8 Hex 8	321919	Cover 6
179639	Contact Assembly 8	195187	Screw, 4-40 x 1-1/2 Hex 8	321920	Spring, Contact 6
179643	Network, Filter 8	195432	Spring, Contact 6	321921	Spring, Contact 6
179748	Connector, 5 Pt Plug 12	195433	Spring, Contact 6	321922	Plunger 6
179749	Connector, 5 Pt Receptacle 12	195651	Box, Contact 8	323054	Camshaft 9
180860	Spring 7	195652	Cover, Contact Box 8	323068	Lever 10
181284	Spring 9	197077	Box Assembly, Contact 1,8	323114	Gear, 66T 9
192013	Connector, 50 Pt Plug Type 4,12	198143	Bracket 12	323115	Pinion 9
192176	Terminal, Plug Type 12	198145	Plate w/Studs 11	323123	Spring 9
192177	Terminal, Receptacle Type 12	198145	Plate w/Studs 11	323124	Modification Kit 9
		198146	Plate w/Studs 11	326358	Spring, Contact 6
		198147	Plate w/Studs 10	326360	Spring, Contact 6
		199163	Bracket 4	326372	Contact Assembly 6,9
		199193	Bushing, Insulating 8	327450	Label 8
		199196	Link 8	328175	Nut, 3-48 Hex 4
		199471	Plate w/Studs 11	329256	Spring, Contact 3
		199480	Follower, Cam 3,5	332704	Guide 3
		199482	Camshaft 3,9	336491	Cable Assembly 4
		199505	Box Assembly, Contact 1,8		