

RELAYS

A, B, C, E, F, G, H, J, R, 111, 121, 122, 125, 149, 162, 178, 179, 206, AND 215 TYPES

REQUIREMENTS BY CODES FOR MAINTENANCE PURPOSES ON CIRCUITS HAVING NO CIRCUIT REQUIREMENTS TABLE

1. GENERAL

1.01 This section covers a list of coded A-, B-, C-, E-, F-, G-, H-, J-, R-, 111- (part of 163), 121-, 122-, 125-, 149-, 162-, 178-, 179-, 206-, and 215-type relays and gives spring combination (or adjustment) figure, armature travel, and contact pressure to be applied. This section also lists replacing relays for certain coded relays which are no longer being manufactured.

1.02 This section is reissued to list additional codes and to add three new notes to the Test Notes.

1.03 This section lists coded relays of the types covered by other sections which have spring combination (or adjustment) figures that are referred to on the circuit requirements table. However, this section is not intended to supersede other sections covering relays of the above types but is intended to give information which when used in conjunction with these sections will enable telephone companies to maintain relays on a mechanical basis in offices where the circuit requirements table which normally provides this information is not available. While it is standard practice to furnish

the circuit requirements table on all new installations and additions to existing offices, there are some offices where the circuit requirements table has not been furnished and where the relays are being maintained on a current flow basis as covered on the BT (Method of Operation) sheets. In general, this section covers the same information in regard to mechanical requirements that is normally covered on the circuit requirements table. It does not, however, cover special requirements which apply only to specific circuits.

1.04 Description of the information given under the column headings of the table shown on pages 2 through 102 except the heading Replacing Relay Code is covered in Section 005-120-101 covering description of the circuit requirements table. The test notes referred to under the heading See Test Note in the table are given on pages 103 through 108.

1.05 The relays listed in the Replacing Relay Code column, where shown, have requirements and circuit applications similar to the relays that they replace. When adjusting a replacing relay, use the requirement specified herein for the replaced relay shown on the circuit drawing.

SECTION 040-010-711

RELAY CODE	FIG. NO.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
A1 A2 A3 A4	A C/C B/C D			AB1 AB1
A5 A6 A7 A8	D J/D M/F F/D			E5
A9 A10 A11 A12	J H/K E/E D			
A13 A14 A15 A16	F F E/E D			
A17 A18 A19 A20	N/F P/D J/J D/D			
A23 A24 A25 A26	F/E F A C/C			E1598 AB3
A27 A28 A29 A30	D D J/D H/F			E28
A31 A32 A33 A34	D/D F J F/F			E34
A35 A36 A37 A38	F N/F D/D F/F			
A39 A40 A41 A42	D D F D			
A43 A44 A45 A46	C/C F D C/C			

RELAY CODE	FIG. NO.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
A47 A48 A49 A50	B C/C B D			
A54 A55 A56 A57	R/C S D/D D			AB5
A58 A59 AB1 AB3	S S		121 121	AB6
AB5 AB6 B1 B2			121 121 121 121	
B3 B4 B5 B6	1 2	0.030 0.030		
B3 B4 B5 B6	3 3 2 1	0.030 0.030 0.030 0.030		
B7 B8 B9 B10	3 4 1 1	0.050 0.030 0.030 0.030	121 121	B313
B11 B12 B13 B14	5 3 4 3	0.040 0.030 0.030 0.030		
B15 B16 B17 B18	1 1 1 1	0.030 0.030 0.030 0.030	121	B401
B19 B20 B21 B22	3 3 1 3	0.030 0.030 0.030 0.040		
B23 B24 B25 B26	3 1 5 1	0.030 0.030 0.040 0.030	121	
B27 B28 B29 B30	3 3 1 Recorded	0.030 0.030 0.030 G1	121	

RELAY CODE	FIG. NO.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
B31	6	0.030	121	
B32	1	0.030		
B33	2	0.030	121	
B34	1	0.030	121	
B35	5	0.040		
B36	1	0.030	121	
B37	7	0.035		
B38	1	0.030		
B39	8	0.030		
B40	4	0.030		
B41	7	0.035	121	
B42	3	0.030		
B43	1	0.030		B268
B44	3	0.030		
B45	3	0.030	121	
B46	3	0.030	121	
B47	2	0.030		
B48	Recorded	G2		
B49	6	0.030		
B50	5	0.040		
B51	1	0.030		B365
B52	7	0.035		
B53	2	0.030		
B54	1	0.030		
B55	3	0.030	121	
B56	1	0.030		
B57	3	0.030		
B58	1	0.030		B1062
B59	1	0.030	121	
B60	8	0.030		
B61	3	0.030		B9
B62	1	0.030		
B63	1	0.030		B271
B64	3	0.030		
B65	3	0.030		
B66	6	0.030		
B67	3	0.030		
B68	3	0.030		
B69	4	0.030		
B70	1	0.030	121	
B71	1	0.030		B293
B72	1	0.030		
B73	6	0.030		B361
B74	1	0.030		

RELAY CODE	FIG. NO.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
B75	1	0.030	87	
B76	1	0.030		
B77	8	0.030		
B78	3	0.030		
B79	1	0.030		
B80	3	0.030		
B81	1	0.030		
B82	3	0.030		
B83	1	0.030		
B84	3	0.030		
B85	2	0.030		
B86	6	0.030		
B87	6	0.030		B459
B88	1	0.030		B36
B89	1	0.030		
B90	1	0.030		
B91	6	0.030		
B92	1	0.030	121	
B93	3	0.030		B197
B94	1	0.030		B10
B95	5	0.040		
B96	1	0.030		B9
B97	3	0.040	121	
B98	7	0.035	121	
B99	1	0.050		B160
B100	3	0.030	121	
B101	7	0.035		
B102	1	0.030		
B103	3	0.030		
B104	6	0.030		
B105	6	0.030		
B106	2	0.030		
B107	3	0.030		
B108	1	0.030		
B109	3	0.030		
B110	1	0.030		
B111	3	0.030		
B112	2	0.030	121	
B113	5	0.040		
B114	1	0.040		B168
B115	5	0.040		
B116	2	0.030		
B117	1	0.030		
B118	7	0.035		

SECTION 040-010-711

RELAY CODE	FIG. NO.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
B119	7	0.035		
B120	1	0.030		
B121	2	0.030		
B122	6	0.030		
B123	9	0.030		
B124	1	0.050		
B125	7	0.035		
B126	2	0.050		
B127	1	0.030		B242
B128	3	0.030	87	
B129	3	0.030		
B130	7	0.035		
B131	1	0.030		B273
B132	1	0.040		
B133	7	0.035		
B135	1	0.030		
B136	7	0.060		B41
B138	1	0.030		B257
B139	1	0.030	121	
B140	1	0.050		B34
B141	1	0.030		
B142	1	0.030		B157
B143	1	0.030		
B144	6	0.030		B392
B145	1	0.030		B139
B146	4	0.030		
B147	8	0.030		
B148	1	0.030		
B149	2	0.050		
B150	3	0.040		
B151	5	0.040		
B152	1	0.030		
B153	3	0.030	120	
B154	7	0.035		
B155	4	0.030		
B156	4	0.030		
B157	1	0.030	121	
B158	7	0.050		
B159	1	0.030		
B160	1	0.030	121	
B161	2	0.030		
B162	7	0.035	121	
B163	1	0.030		
B164	3	0.030		

RELAY CODE	FIG. NO.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
B165	3	0.030		
B166	1	0.050		B10
B167	1	0.030		
B168	3	0.040	121	
B169	1	0.050	121	
B170	1	0.030		
B171	3	0.030		
B172	7	0.035		
B173	5	0.040		B1055
B174	2	0.030		
B175	2	0.030		
B176	7	0.035		
B177	1	0.060		B1
B178	1	0.030		B160
B179	3	0.030		
B180	6	0.030	121	
B181	4	0.030		
B182	2	0.030		
B183	1	0.060		
B185	8	0.030		B441
B186	1	0.050		
B187	4	0.040		
B188	3	0.030		
B189	3	0.030		
B190	1	0.030		B59
B191	6	0.030		
B192	7	0.035		
B193	7	0.035		
B194	1	0.030		
B195	3	0.030		
B196	4	0.030		
B197	3	0.030	121	
B198	1	0.030		
B199	1	0.030		
B200	2	0.030		
B201	1	0.030	121	
B202	1	0.050	121	
B203	3	0.030		
B204	1	0.030		
B205	1	0.030		B276
B206	1	0.030		
B207	6	0.030		B456
B208	1	0.030		
B209	6	0.050	121	

RELAY CODE	FIG. NO.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
B210	7	0.035		
B211	1	0.030	121	
B212	1	0.030		B169
B213	1	0.030		B457
B214	1	0.050		
B215	3	0.030		
B216	2	0.030		B1089
B217	1	0.030		B219
B218	1	0.050		
B219	1	0.050	121	
B220	3	0.030		B349
B221	1	0.060		B465
B222	3	0.050	121	
B223	2	0.050		B369
B224	1	0.030		
B225	1	0.030		
B226	1	0.040		
B227	1	0.030		
B228	1	0.050		B92
B229	1	0.030		
B230	1	0.060		
B231	1	0.030		
B232	1	0.030		
B233	1	0.050		
B234	2	0.030		
B235	7	0.050		
B236	1	0.030		B169
B237	3	0.050		B55
B238	7	0.035		
B239	6	0.030		
B240	1	0.030		B261
B241	1	0.030		
B242	1	0.040	121	
B243	1	0.050		B9
B244	1	0.030		
B245	6	0.030	121	
B248	7	0.035		
B249	7	0.060		
B250	7	0.035		
B251	3	0.030		
B252	1	0.030		
B253	7	0.035		
B254	1	0.030		B1082
B255	3	0.050		

RELAY CODE	FIG. NO.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
B256	2	0.030	121	
B257	1	0.030	121	
B258	1	0.030		
B259	1	0.060		
B260	1	0.030		
B261	1	0.030	121	
B262	1	0.050		
B263	6	0.030	121	
B264	1	0.030		
B265	7	0.035	121	
B266	2	0.030		
B267	7	0.050		B275
B268	3	0.030	121	
B269	2	0.030		B256
B270	1	0.030		B1157
B271	1	0.040	121	
B272	1	0.030	121	
B273	1	0.030	121	
B274	7	0.035		
B275	7	0.050	121	
B276	1	0.030	121	
B277	3	0.030		
B278	7	0.035		
B279	5	0.040		
B280	5	0.040		
B281	3	0.030		
B282	1	0.030		B211
B283	1	0.050		
B284	2	0.030		
B285	7	0.060		B98
B286	1	0.030		
B287	6	0.030	121	
B288	1	0.030		B1
B289	7	0.035		B162
B292	1	0.040		
B293	1	0.030	121	
B294	7	0.035		
B295	6	0.030		
B296	2	0.050		
B297	1	0.030		B10
B298	1	0.030		B271
B299	3	0.030		
B300	3	0.030	121	
B301	5	0.040		

SECTION 040-010-711

RELAY CODE	FIG. NO.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
B302	1	0.030		
B303	1	0.030		B9
B304	1	0.030		B1
B305	7	0.035		
B306	3	0.030		
B307	3	0.030		
B308	7	0.035		
B309	1	0.030		B34
B310	1	0.030		B36
B311	1	0.030		B36
B312	3	0.040		B300
B313	3	0.050	121	
B314	3	0.050		B222
B315	3	0.050		
B316	1	0.030		B201
B317	1	0.030		
B318	2	0.050		
B319	6	0.050		B392
B320	1	0.030		
B321	3	0.030		
B322	2	0.030		
B323	1	0.030		
B324	10	0.050		
B325	6	0.030		
B326	6	0.050	121	
B327	6	0.050		B326
B328	8	0.030		
B329	1	0.030		B169
B330	5	0.040		
B331	6	0.030		B209
B332	6	0.030		B1006
B333	6	0.030		
B334	6	0.030		B456
B335	6	0.030		
B336	7	0.035		
B337	11	0.050		
B338	2	0.030		
B340	6	0.030		
B341	6	0.050		
B342	6	0.030		
B343	6	0.030		
B344	6	0.030		
B345	6	0.030		
B346	6	0.030		

RELAY CODE	FIG. NO.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
B347	7	0.035		
B348	6	0.030	121	
B349	3	0.030	121	
B350	5	0.040		
B351	2	0.030		B33
B352	2	0.030		B33
B353	6	0.050		
B354	7	0.035		B586
B355	6	0.050		
B356	8	0.030		B441
B358	6	0.030		
B359	8	0.030		
B360	6	0.050		
B361	6	0.030	121	B1066
B362	6	0.030	121	
B363	6	0.050		B421
B364	3	0.030		
B365	7	0.035	121	
B366	2	0.050		
B367	6	0.030	121	
B368	7	0.050		
B369	2	0.030	121	
B370	6	0.040		
B371	6	0.030		
B372	6	0.030		
B373	1	0.030		
B374	1	0.030		
B375	2	0.030		B2
B376	6	0.030		B180
B377	3	0.040		
B378	3	0.030		B46
B379	1	0.030		B242
B380	3	0.030		
B381	1	0.030		
B382	1	0.030		B70
B383	6	0.030	121	
B384	7	0.050		
B385	3	0.030		B23
B386	2	0.030		
B387	1	0.050		B349
B388	1	0.050		B17
B389	1	0.050		B157
B390	1	0.050	121	
B391	1	0.050		

RELAY CODE	FIG. NO.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
B392	6	0.030	121	
B393	1	0.050		
B394	1	0.030		B1023
B395	3	0.060		B97
B396	1	0.030		
B397	3	0.030		B55
B398	7	0.035		B275
B399	6	0.030		B1086
B400	7	0.035		
B401	1	0.030	121	
B402	6	0.030		B287
B403	6	0.030		B392
B404	6	0.030		B435
B405	6	0.050		B421
B406	6	0.030		B361
B407	6	0.030	87	
B408	6	0.050		B326
B409	8	0.030		B509
B410	3	0.030		
B411	2	0.030		B33
B412	6	0.030	121	
B413	6	0.030		
B414	9	0.030		
B415	6	0.030		B392
B416	8	0.030		
B417	6	0.050		B362
B418	6	0.030		
B419	6	0.030		B412
B420	6	0.030		
B421	6	0.030	121	
B422	6	0.030		
B423	6	0.030		
B424	6	0.030		
B425	7	0.035		B1029
B426	6	0.030		
B427	7	0.035		
B428	1	0.030		B202
B429	6	0.050		B31
B430	7	0.035		
B431	8	0.030		
B432	4	0.030		
B433	1	0.030		B17
B434	3	0.030		
B435	6	0.030	121	

RELAY CODE	FIG. NO.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
B436	6	0.030		B435
B437	7	0.035		
B438	1	0.050		
B439	6	0.030		B31
B440	4	0.030		
B441	8	0.030	121	
B442	3	0.030		
B443	3	0.030		
B444	6	0.030		B421
B445	6	0.030		B458
B446	6	0.030		B383
B447	6	0.030		
B448	3	0.030		
B449	9	0.030		
B450	12	0.030		
B451	6	0.040		B570
B452	2	0.060		
B453	3	0.030		B28
B454	1	0.030		B272
B455	12	0.030		
B456	6	0.030	121	
B457	10	0.030	121	
B458	6	0.030	121	
B459	6	0.030	121	
B461	6	0.050		B1146
B462	1	0.030		B276
B463	6	0.030		
B464	6	0.030	121	
B465	6	0.020	87,12	
B466	6	0.050		
B467	7	0.035		
B468	7	0.035		
B469	6	0.020	87	B464
B470	6	0.020	87	
B471	1	0.050		
B472	6	0.020	87	
B473	6	0.020	87	
B474	7	0.025	87	
B475	6	0.020	87	
B476	7	0.035		
B477	6	0.020	87	
B478	7	0.025	87	
B479	7	0.025	87	
B480	6	0.020	87	

SECTION 040-010-711

RELAY CODE	FIG. NO.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
B481	6	0.020	87	
B482	6	0.020	87	
B483	11	0.020	87	
B484	7	0.060		
B485	3	0.030		B45
B486	6	0.050		B464
B487	6	0.030		
B488	1	0.060		
B489	7	0.035		
B490	6	0.030		
B491	7	0.035		
B492	2	0.030		B112
B493	6	0.030		
B494	3	0.030		B100
B495	4	0.030		
B496	2	0.030		B369
B497	1	0.030		
B498	7	0.035		
B499	6	0.030		
B500	1	0.030		B36
B501	6	0.030		B361
B502	6	0.030		B1086
B503	7	0.035		
B504	6	0.030		B367
B505	6	0.040		
B506	5	0.040		
B507	2	0.030		B617
B508	6	0.030		B245
B509	3	0.030	121	
B510	1	0.030		B139
B511	6	0.050		
B512	1	0.050		
B513	3	0.030		
B514	6	0.030		
B515	1	0.030		B293
B516	7	0.035		B265
B517	1	0.030		
B518	1	0.050		
B519	4	0.030		
B520	3	0.030		
B521	9	0.020		
B522	8	0.030		
B523	4	0.030		B558
B524	1	0.030		

RELAY CODE	FIG. NO.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
B525	3	0.030		
B526	7	0.050		
B527	6	0.030		
B528	1	0.030		
B529	6	0.030		B348
B530	11	0.030		
B531	7	0.035		
B532	6	0.030		B361
B533	1	0.030		
B534	1	0.030		
B535	9	0.030		
B536	6	0.030		
B537	6	0.040		B1070
B538	2	0.030		
B539	6	0.030		
B540	1	0.030		
B541	1	0.030		
B542	1	0.030		
B543	3	0.030		
B544	1	0.040		
B545	1	0.030		
B546	1	0.030		
B547	6	0.030		
B548	11	0.030		B1037
B549	6	0.030		
B550	7	0.035		
B551	7	0.035		
B552	6	0.030		
B553	12	0.030		
B554	4	0.050		
B555	6	0.030		B263
B556	6	0.030		
B557	7	0.060		
B558	4	0.030	121	
B559	2	0.030		
B560	6	0.030	120	
B561	1	0.030		
B563	1	0.035		
B570			121	
B586			121	
B617			121	
B1000	6	0.030		
B1002	7	0.025	87	
B1003	1	0.030		

RELAY CODE	FIG. NO.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
B1004	6	0.050		
B1005	11	0.050	121	
B1006	6	0.030	121	
B1007	1	0.030		
B1008	7	0.030		B1071
B1009	7	0.030		
B1010	6	0.040		
B1011	1	0.030		
B1012	6	0.030		
B1013	6	0.030		
B1014	3	0.050		
B1015	3	0.040		
B1016	11	0.030		
B1017	3	0.060		
B1018	3	0.030		
B1019	6	0.030		
B1020	7	0.060		B1005
B1021	2	0.050		
B1022	1	0.050		
B1023	6	0.030	121	
B1024	7	0.035		
B1025	7	0.030		
B1026	8	0.030		
B1027	11	0.030		
B1028	1	0.030	121	
B1029	7	0.035	121	
B1030	3	0.030		
B1031	7	0.035		
B1032	1	0.040		B1028
B1033	1	0.040		
B1034	5	0.030		
B1035	7	0.030		
B1036	1	0.030		
B1037	11	0.030	121	
B1038	7	0.050		
B1039	6	0.050		
B1040	6	0.050		
B1041	1	0.040		
B1042	6	0.030		
B1043	1	0.050		
B1044	1	0.030		
B1045	12	0.030		
B1046	1	0.030		
B1055			121	

RELAY CODE	FIG. NO.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
B1062			121	
B1066			121	
B1070			121	
B1071			121	
B1082			121	
B1086			121	
B1089			121	
B1146			121	
B1157			121	
B1158	14	0.030		
B1159	14	0.030		
B1160	7	0.035		
B1161	14	0.030		
B1162	7	0.035		
B1163	15	0.035		
B1164	14	0.030		
B1165	14	0.040		
B1166	9	0.030		
B1167	3	0.030		
B1168	14	0.040		
B1169	3	0.030		
B1170	14	0.030		
B1171	14	0.030		
B1172	14	0.030		
B1173	8	0.030		
B1174	8	0.030		
B1175	8	0.030		
B1176	9	0.030		
B1177	16	0.020		
B1178	14	0.030		
B1179	13	0.030		
B1180	3	0.040		
B1181	3	0.030		
B1182	14	0.030		
B1183	6	0.040		
B1184	9	0.030		
B1185	9	0.030		
B1186	10	0.060		
B1189	3	0.030		
B1190	8	0.030		
C1	1			
C2	2			
C3	2			
G1	3	0.040	121	

SECTION 040-010-711

RELAY CODE	FIG. NO.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
G2	3	0.030		
G3	2	0.040		G1
G4	3	0.060		G1
G5	1	0.030		
G6	2	0.030		G17
G7	1	0.030	121	
G8	8	0.040		
G9	4	0.030	121	
G10	2	0.040	121	
G11	6	0.030	121	
G12	7	0.050		G27
G13	7	0.050		G23
G14	7	0.060		G51
G15	6	0.040		
G16	4	0.050		
G17	3	0.040	121	
G18	7	0.060		G27
G19	1	0.040		G22
G20	7	0.060		
G21	9	0.040		
G22	6	0.040	121	
G23	7	0.040	121	
G24	7	0.040		
G25	6	0.040		G11
G26	3	0.030	121	
G27	7	0.040	121	
G28	2	0.040		
G29	6	0.030		
G30	2	0.040		
G31	2	0.040		
G32	2	0.040		
G33	2	0.040		G26
G34	7	0.030		
G35	6	0.040		G7
G36	7	0.040		
G37	7	0.040		G51
G38	7	0.040	121	
G39	6	0.040		
G40	7	0.030		
G41	12	0.040		
G42	1	0.060		G72
G43	2	0.040		
G44	4	0.050		G67
G45	1	0.040		

RELAY CODE	FIG. NO.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
G46	6	0.030		
G47	11	0.030	121	
G48	6	0.030		
G49	6	0.050		
G50	7	0.030		
G51	7	0.040	121	
G52	6	0.030		
G53	8	0.040		
G54	6	0.020	87	G70
G55	2	0.030		
G56	11	0.040		
G57	4	0.030		G9
G58	6	0.030		
G59	7	0.035		G27
G60	7	0.050		G51
G61	7	0.030		G38
G62	7	0.035		G51
G63	7	0.035		
G64	6	0.030		G47
G65	7	0.030		
G66	4	0.030		
G67	9	0.030	121	
G68	6	0.040		
G69	5	0.040		
G70	6	0.030	121	
G71	1	0.050		G79
G72	7	0.040	121	
G73	7	0.035		
G74	2	0.040		G10
G75	2	0.050		
G76	7	0.030		
G79			121	
G80	1	0.040		
G84	11	0.040		
G85	13	0.040		G88
G87	2	0.040		
G88	13	0.040		
G89	13	0.050		
G90	14	0.040		
G91	7	0.040		
G92	6	0.030		
G93	13	0.060		
G94	13	0.040		
G96	7	0.035		

RELAY CODE	FIG. NO.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
G97	12	0.040		
G98	3	0.040		
G99	8	0.030		
G100	4	0.030		
G101	14	0.040		
G103	5	0.050		
G104	14	0.050		
G105	14	0.040		
G106	15	0.050		
G108	7	0.050		
G110	7	0.030		
G112	14	0.060		
G113	11	0.050	124	
G114	4	0.030		
G115	3			

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E3	2/1	L	0.015	121	
E4	1	H	0.015	63	
E5	1	L	0.015	121	
E6	14/2	Spl	0.035	2	
E7	18/8	L	0.030		
E8	3/1	L	0.020	121	
E9	2	L	0.015		
E11	2/2	H	0.015		E1556
E12	1	H	0.015		
E23	3/2	H	0.020		E1973
E24	3	H	0.020		E1598
E28	1	H	0.015	63,121	
E30	5/3	H	0.030	69	
E31	1/1	L	0.015		
E34	3/3	H	0.020	121	E1783
E41	3	L	0.020		
E43	2/2	L	0.015		
E45	1	L	0.015		E442
E60	3/3	H	0.020		
E61	8/8	L	0.020		

SECTION 040-010-711

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E62	3/3	H	0.020		E1135
E63	3/3	L	0.020		E903
E64	3	H	0.020		
E65	3/3	H	0.020		E1920
E66	14/14	H	0.035	121	
E67	14/14	H	0.035		
E68	8/7	L	0.020		
E69	8/8	H	0.020		
E70	1	H	0.015	63	
E71	14/14	H	0.035		E6148
E72	14/14	H	0.035		
E73	11/2	L	0.015		E1888
E74	2/2	H	0.015		E1689
E75	1	L	0.015	121	
E76	15/3	L	0.020		E1418
E77	18/1	Spl	0.030	3	
E78	3/3	L	0.020		E6124
E79	18/18	Spl	0.030	4	
E80	8/8	L	0.020		E1398
E81	8/7	L	0.020		
E82	8/7	L	0.020		
E83	12/9	L	0.035		
E84	12/9	L	0.035		
E85	3/1	H	0.020		
E86	8/7	L	0.020		E6283
E87	14/3	H	0.035		
E88	12/9	L	0.035		
E89	14/14	H	0.035		
E90	3/1	L	0.020		
E91	14	H	0.035		E6008
E92	1	L	0.015		
E93	14/14	H	0.035		
E94	14	H	0.035		
E95	14	H	0.035		
E96	14/3	H	0.035		
E97	3/3	L	0.020		
E98	14/14	H	0.035		
E99	3	L	0.020		
E100	3	L	0.020		
E101	12/9	H	0.035		E1035
E102	14	H	0.035		
E103	2/2	L	0.015		
E104	14/3	H	0.035		
E105	14/14	H	0.035		E1643

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E106	8/7	H	0.020	121	
E107	14/14	H	0.035		
E108	15/1	L	0.015		
E109	11/14	L	0.035		
E110	14/14	H	0.035		
E111	2/2	L	0.015		
E112	3/3	H	0.020	121	
E113	14/1	H	0.035		
E114	1	L	0.015		
E115	3	H	0.020	121	
E116	14	H	0.035		
E117	1	L	0.015		
E118	3	L	0.020		
E119	9/9	H	0.035		
E120	3	L	0.020		E1796
E121	14/1	H	0.035		
E122	14/14	H	0.035		
E123	9/14	H	0.035		
E124	8/7	L	0.020		
E125	1	L	0.015		
E126	14/14	H	0.035		
E127	14/14	H	0.035	121	
E128	3/1	H	0.020	121	
E129	3/3	H	0.020		E1520
E130	8/3	H	0.020		
E131	14	H	0.035		E6351
E133	1/1	L	0.015		
E134	14/14	H	0.035		
E135	1	L	0.015		
E136	3	L	0.020		
E137	3/1	L	0.020		
E138	1/1	H	0.015		E6343
E139	2	H	0.015		
E140	14/3	L	0.035		
E141	7/10	L	0.020		
E142	12/15	L	0.035		
E143	11/11	L	0.015		E344
E144	14/14	H	0.035		
E145	3	H	0.020		
E146	3	L	0.020	121	
E147	1/1	L	0.015		
E148	3/3	L	0.020	121	
E149	11/14	H	0.035		E6338
E150	3/3	L	0.020		

SECTION 040-010-711

RELAY CODE	FIG. NO.	CONT. PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E151	7/9	L	0.035		
E152	3	H	0.020		
E153	1	H	0.015	121	
E154	14/2	L	0.035		
E155	3	L	0.020	121	
E156	1	L	0.015		
E157	3/3	L	0.020		
E158	3/2	L	0.020		
E159	3/3	H	0.020	121	
E160	14/14	H	0.035	121	
E161	8/18	H	0.030		
E162	3/2	L	0.020		E463
E163	3	H	0.020		
E164	10/3	L	0.020		
E165	3/3	L	0.020		
E166	3/1	L	0.020		
E167	12/2	L	0.035		
E168	1	L	0.015		
E169	15/14	H	0.035		
E170	3/3	L	0.020		
E171	14	H	0.035		
E172	3	H	0.020		
E173	9/11	L	0.035		
E174	3/2	H	0.020		
E175	12/2	L	0.035	5	
E176	7/3	H	0.020		E178
E177	9/14	H	0.035		
E178	8/7	L	0.020	121	
E179	2/2	L	0.015		
E180	18/3	H	0.030		
E181	15/2	L	0.015		
E182	8/3	H	0.020		
E183	1	L	0.015		E1535
E184	3	L	0.020		
E185	2/2	H	0.015		
E186	11/3	L	0.020		E831
E187	4/3	L	0.025	121	
E188	8/7	L	0.020		
E189	1/1	L	0.015		E1684
E190	1	L	0.015		
E191		Spl	0.015	1	
E192	3/3	L	0.020	121	
E193	8/3	L	0.020		
E194	3	L	0.020		

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E195	3/1	L	0.020		
E196	3/3	H	0.020		
E197	8/3	L	0.020	121	
E198	8/3	L	0.020		
E199	1	L	0.015	121	
E200	14/1	H	0.025	121	
E201	3/3	H	0.020		
E202	1	L	0.015		
E203	2/2	L	0.015		
E204	15/15	Spl	0.015	1	E1964
E205	1/1	H	0.015	63	
E206	1/1	L	0.015		E525
E207	3/1	L	0.020		
E208	1	L	0.015		
E209	3/2	L	0.020		
E210	3/2	L	0.020		
E211	3/3	L	0.020		
E212	8/7	H	0.020		
E213	15/1	L	0.015		
E214	3/1	L	0.020	121	
E215	3	L	0.020		
E216	7/3	H	0.020		E6063
E217	9/7	H	0.035		
E218	1	H	0.015	63	
E219	1/1	L	0.015		
E220	3/3	L	0.020	69	
E221	3	L	0.020		
E222	1/1	H	0.015	63	
E223	2	L	0.015		
E224	1/1	H	0.015		E1597
E225	11/1	L	0.015		
E226	11/1	L	0.015		E610
E227	3/2	L	0.020		
E228	3/3	L	0.020		
E229	2/1	L	0.015	121	
E230	15/3	H	0.020		
E231	3/2	L	0.020		
E232	3/2	L	0.020		
E233	2/2	L	0.015		
E234	3/2	L	0.020	121	
E235	3	L	0.020		E1466
E236	1	L	0.015		
E237	3/1	H	0.020		
E238	2/2	L	0.015		

SECTION 040-010-711

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E239	1/1	L	0.015		
E240	11/14	H	0.035		
E241	15/2	L	0.015		
E242	1	H	0.015		
E243	20/20	Spl	0.040	6	E6275
E244	8/3	L	0.020	69	
E245	12/11	H	0.035		
E246	1	L	0.015		
E247	2/1	H	0.015		
E248	8/3	H	0.020		
E249	2	H	0.015		
E250	8/3	H	0.020	121	
E251	7/3	L	0.020		
E252	2/2	H	0.015		
E253	3/3	H	0.020		
E254	12/12	L	0.035		
E255	3	L	0.020		
E256	9/14	H	0.035		
E257	3	L	0.020		
E258	1/1	H	0.015	121	
E259	1/1	H	0.015		
E260	3/3	L	0.020	69	
E261	15/3	L	0.020		
E262	1	L	0.015		
E263	11/1	L	0.015		
E264	15/15	L	0.015		
E265	11/11	L	0.015		
E266	2	H	0.015	121	
E267	10/3	L	0.020		E6290 E1897
E268	14/3	L	0.035		
E269	3/2	L	0.020		
E270	14/1	H	0.035		
E271	15/1	L	0.015		
E272	15/14	H	0.035	121	
E273	3/1	H	0.020		
E274	14/1	H	0.035		
E275	3/1	H	0.020		
E276	14/2	L	0.035		
E277	15/1	L	0.015		
E278	9/1	L	0.035	121	
E279	8/7	L	0.020		E341
E280	1/1	L	0.015		
E281	11/11	L	0.015		
E282	3/2	L	0.020		

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E283	4	L	0.025	7	E6135
E284	12/12	Spl	0.035		
E285	1/1	L	0.015		
E286	14/1	H	0.035		
E287	7/3	H	0.020		
E288	3/1	L	0.020		
E289	14/1	H	0.035		
E290	1	L	0.015		
E291	9/7	L	0.035		
E292	9/7	L	0.035		
E293	1/1	L	0.015		
E294	10/2	L	0.015		
E295	2/2	H	0.015	8	
E296	8/7	L	0.020		
E297	2/2	L	0.015		
E298	12/9	L	Spl		
E299	3	L	0.020		
E300	1/1	L	0.015		
E301	9/7	L	0.035		
E302	14	H	0.035		
E303	3/3	H	0.020	1	
E304	3	L	0.020		
E305	12/7	H	0.035		
E306	6/3	Spl	0.030		
E307	13/3	L	0.035		
E308	14/14	H	0.035		
E309	14	H	0.035		
E310	3	L	0.020		
E311	1	L	0.015		
E312	8/7	L	0.020		
E313	10/14	L	0.035		
E314	15/14	H	0.035		
E315	3/1	L	0.020		
E316	19/19	H	0.040		
E317	3/3	L	0.020		
E318	2	L	0.015		
E319	3/1	H	0.020		E1576
E320	3/3	H	0.020		
E321	14/3	L	0.035		
E322	1/1	L	0.015		
E323	2	L	0.015		E1444
E324	3/1	H	0.020		
E325	9/14	H	0.035		
E326	8/3	L	0.020		

SECTION 040-010-711

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E327 E328 E329 E330	11/12 2 1/1 9/9	H L L H	0.015 0.015 0.015 0.035	69	E671 E1747
E331 E332 E333 E334	14/1 1 3 8/3	H L H L	0.035 0.015 0.020 0.020	69	
E335 E336 E337 E338	1 7/11 3 9/3	Spl L H L	0.015 0.020 0.020 0.035	1	E6Q14 E640
E339 E340 E341 E342	2 12/8 11/11 11/3	H H L H	0.015 0.035 0.015 0.020	121	E155
E343 E344 E345 E346	2/2 11/11 11/3 1	H L H H	0.015 0.015 0.020 0.015	121 63	E1079 E462
E347 E348 E349 E350	1 9/14 10/14 8/3	L H L L	0.015 0.035 0.035 0.020		
E351 E352 E353 E354	3 3 2 9/10	L L L L	0.020 0.020 0.015 0.035		
E355 E356 E357 E358	12/8 7/3 8/3 3/3	L H H H	0.035 0.020 0.020 0.020	121	E250 E34
E359 E360 E361 E362	1 14 3 14	L H L H	0.015 0.035 0.020 0.035		E593 E6259
E363 E364 E365 E366	14 8/4 2 8/6	Spl H H H	0.035 0.025 0.015 0.030	1	E447
E367 E368 E369 E370	10/2 11/14 2 11/1	H H H H	0.015 0.035 0.015 0.015		E610

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE	
E371	3/3	H	0.020	121	E1351	
E372	9/14	H	0.035			
E373	14/1	H	0.035			
E374	10/10	H	0.015			
E375	7/3	H	0.020	10	E6011	
E376	15/14	H	0.035			
E377	12/15	H	0.035			
E378	11/1	H	0.015			
E379	14/1	H	0.035	121	E472	
E380	1	H	0.015		E1425	
E381	3	H	0.020			
E382	3/1	L	0.020			
E383	11/1	H	0.015	121	E6025	
E384	12/3	H	0.035			
E385	11/1	H	0.015			
E386	7/15	H	0.020		E1931	
E387	11/4	H	0.025			
E388	1	L	0.015			
E389	11/4	L	0.025			
E390	7/10	H	0.020			
E391	1/1	H	0.015	63		
E392	1	L	0.015			
E393	22/7	H	0.030			
E394	11/2	H	0.015			
E395	14/2	L	0.035	121		
E396	12/7	L	0.035			
E397	9/10	L	0.035			
E398	12/10	H	0.035			
E399	14/1	H	0.035		E6018	
E400	7/7	H	0.020		E627	
E401	11/3	L	0.020		E512	
E402	10/1	H	0.015			
E403	3	H	0.020	121	E604	
E404	7/15	H	0.020			
E406	8/3	L	0.020			
E407	7/3	H	0.020			
E408	14/2	H	0.035	121	E410	
E409	18/3	H	0.030			
E410	21/7	H	0.030			
E411	3/36	H	0.020			
E412	15/10	H	0.015		E1883	
E413	2/2	L	0.015		E34	
E414	3/3	H	0.020		E1888	
E416	11/2	H	0.015			

SECTION 040-010-711

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E417	3/3	H	0.020		E1954
E418	15/10	H	0.015		
E419	1/1	H	0.015	121	
E420	1	H	0.015	63	
E422	2/1	H	0.015		
E423	8/18	H	0.030		
E424	3/1	H	0.020		
E425	7/8	H	0.020		
E426	8/3	L	0.020		
E427	4/1	H	0.025		
E428	7/3	H	0.020		E1342
E429	3/3	H	0.020		E371
E430	11/3	L	0.020		
E431	8/10	L	0.020		E619
E432	12/11	L	0.035		E1234
E433	3/1	H	0.020		E956
E435	11/2	H	0.015		
E436	3/1	H	0.020		
E437	10/2	H	0.015		E6166
E438	1/1	H	0.015		E6134
E439	8/8	L	0.020		
E440	3/2	H	0.020	121	
E441	1	L	0.015		
E442	1	H	0.015	121	
E443	2/1	H	0.015		
E444	8/3	L	0.020		
E446	3	H	0.020		E1695
E447	8/11	H	0.020	121	
E449	11/14	H	0.035		E595
E450	3/1	L	0.020		
E451	1/1	L	0.015		
E452	3/1	L	0.020		E563
E453	12/12	L	0.035		
E454	8/7	H	0.020		E1630
E455	8/7	H	0.020		E1630
E456	24/8	H	0.025		
E457	10/3	L	0.020		
E458	1/1	H	0.015		E1684
E459	3/1	H	0.020		
E460	2/1	L	0.015		E1780
E461	3/1	H	0.020		E1552
E462	1	H	0.015	121	
E463	3/2	H	0.020	121	
E464	23/11	L	0.030		E6123

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E465	8/8	H	0.020		E1201
E466	9/8	H	0.035		E1399
E467	1	H	0.015	121	
E468	8/11	L	0.020	121	
E469	14/14	H	0.035		E1767
E470	3/1	H	0.020		
E471	3/2	H	0.020	121	
E472	10/14	H	0.035	121	
E473	9/14	H	0.035		
E474	11/3	L	0.020	69,121	
E475	3/2	H	0.020		
E476	8/8	H	0.020	121	
E478	11/3	L	0.020		
E479	8/3	L	0.020		
E480	3/1	L	0.020		
E481	8/3	L	0.020		
E482	7/3	L	0.020		E6041
E483	3	H	0.020		E1783
E484	1/1	H	0.015		
E485	4/3	H	0.025	121	
E486	1	H	0.015		
E487	3/2	H	0.020		E471
E488	2	H	0.015		
E490	4	H	0.025		E6095
E491	11/1	H	0.015		E1577
E492	20/11	L	0.040		
E493	8/8	L	0.020		
E494	11/3	L	0.020		
E495	8/11	L	0.020		
E496	11/3	H	0.020	69	
E497	8/10	H	0.020	69	
E498	3/1	H	0.020		
E499	8/10	L	0.020		
E500	3/3	H	0.020		
E502	11/1	H	0.015		E1262
E503	11/10	H	0.015		E6058
E504	23/18	L	0.030		
E505	11/1	L	0.015		
E506	2/1	H	0.015		E704
E507	8/11	L	0.020		E1543
E508	23/12	L	0.035		
E509	3	H	0.020		E1658
E510	1/1	H	0.015		
E511	22/22	H	0.030		

SECTION 040-010-711

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E512	11/3	H	0.020	121	
E513	2/2	H	0.015		
E514	1	H	0.015		
E515	3	H	0.020		
E516	22/8	H	0.030		
E517	8/11	L	0.020		
E518	8/7	L	0.020		
E519	3/1	H	0.020		
E520	8/3	L	0.020		
E521	1/1	H	0.015		
E522	1/1	L	0.015		
E523	2	H	0.015		E1875
E524	3/1	H	0.020		E684
E525	1/1	H	0.015	121	
E526	3/3	H	0.020	11,121	
E527	3/3	L	0.020		
E528	8/11	H	0.020	121	
E529	8/8	H	0.020		
E530	11/1	H	0.015	121	
E531	7/7	H	0.020		
E533	8/3	H	0.020	11	
E534	3/1	H	0.020		E6004
E535	3	H	0.020		
E536	18/14	Spl	0.035	12	
E538	9/7	L	0.035		E954
E539	2/1	H	0.015	121	
E540	3/3	H	0.020		
E541	1	H	0.015		
E542	11/14	H	0.035		
E543	1/1	H	0.015		
E544	3/1	H	0.020	121	
E545	8/3	H	0.020		E572
E546	8/3	L	0.020		
E547	3/3	H	0.020	10	
E548	3/3	L	0.020		
E549	9/14	H	0.035		
E550	12/14	H	Spl	13	
E551	2	Spl	Spl	14,121	
E552	1	L	0.015		
E553	4	H	0.025		
E554	10/3	H	0.020		
E555	1/1	H	0.015		
E556	3	H	0.020	121	
E557	8/8	H	0.020		E476

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E558	8/7	H	0.020		E6283
E559	3	H	0.020	121	
E560	1	H	0.015		
E561	8/8	L	0.020		E945
E562	7/10	H	0.020		E730
E563	3/1	H	0.020	121	
E564	11/14	H	0.035	121	
E565	3/3	H	0.020		
E566	8/7	H	0.020	121	
E567	9/14	H	0.035		
E568	11/3	H	0.020		E1230
E569	4/1	L	0.025	121	
E570	4	H	0.025		
E571	14/1	H	0.035		
E572	8/3	H	0.020	121	
E573	1	H	0.015		
E574	8/14	H	0.035		
E576	10/3	H	0.020	121	
E577	10/1	H	0.015	121	
E578	2/1	H	0.015		
E579	14/14	H	0.035		
E580	11/3	L	0.020		
E582	2/1	H	0.015		E1057
E583	11/10	H	0.015		
E584	7/10	H	0.020		
E585	3/1	L	0.020		
E587	8/3	H	0.020		
E588	8/3	L	0.020	121	
E589	8/7	H	0.020		E1446
E590	3/3	L	0.020		
E591	15/3	H	0.020		E723
E592	8/8	H	0.020	121	
E593	1	H	0.015	121	
E594	11/14	H	0.035	121	
E595	9/11	L	0.035	121	
E596	11/3	H	0.020		E1721
E597	11/11	H	0.015	121	
E598	8/3	H	0.020	121	
E599	14/1	H	0.035		
E600	8/3	H	0.020		E598
E602	8/8	L	0.020		E6162
E603	10/2	H	0.015		E1440
E604	7/7	L	0.020	121	
E605	8/14	H	0.035		

SECTION 040-010-711

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E606 E607 E608 E609	8/11 11/3 3/3 3/1	H H H L	0.020 0.020 0.020 0.020		E1490
E610 E611 E612 E613	11/1 8/11 11/11 23/23	H H L L	0.015 0.020 0.015 0.030	121 121	E447
E614 E615 E616 E617	3 10/1 8/8 12/9	H L L L	0.020 0.015 0.020 0.035		
E618 E619 E620 E621	1 8/10 11/3 1	H H H H	0.015 0.020 0.020 0.015	121 121	
E623 E624 E625 E626	8/11 9/7 9/3 9/7	H H H H	0.020 0.035 0.035 0.035	121 121	E1832 E888
E627 E628 E629 E630	7/7 15/2 2/2 11/14	H H H H	0.020 0.015 0.015 0.035	121 121	E835 E819
E631 E632 E633 E634	3 8/7 7/7 8/11	H H L H	0.020 0.020 0.020 0.020		E623
E635 E636 E637 E638	8/7 11/10 8/3 22/10	H H L H	0.020 0.015 0.020 0.030		E566 E1711 E6178
E639 E640 E641 E642	14/14 3 14/2 8/8	H H H H	0.035 0.020 0.035 0.020	121 121	
E643 E644 E645 E646	3/1 11/3 1 5/3	H H H L	0.020 0.020 0.015 0.030		E1552 E1730
E647 E648 E649 E650	14/3 3/1 3/1 1	H H L H	0.035 0.020 0.020 0.015		

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E651 E652 E653 E654	3/2 1/1 3/1 1	L H H H	0.020 0.015 0.020 0.015	121	E692 E199
E655 E657 E658 E659	14/3 11/1 14/3 1	H L H H	0.035 0.015 0.035 0.015		E1262 E6290
E660 E661 E662 E663	2/1 14/2 11/3 8/3	H H Spl H	0.015 0.035 0.020 0.020	1	
E664 E665 E666 E667	14 10/3 1/1 22/11	H H L H	0.035 0.020 0.015 0.030		E6008 E1426
E668 E669 E671 E672	2/2 10/3 3 3/1	H H H H	0.015 0.020 0.020 0.020	121 121	E1613
E674 E675 E676 E678	1/1 14/1 14/14 6/1	H H H H	0.015 0.035 0.035 0.030	121	E6319
E679 E680 E681 E682	8/10 11/3 11/3 1/1	H L H H	0.020 0.020 0.020 0.015	69	
E683 E684 E685 E686	11/1 8/3 8/8 10/3	L H L H	0.015 0.020 0.020 0.020	121 121	E474 E576
E687 E688 E689 E690	2/1 3/2 3/3 11/11	L H H H	0.015 0.020 0.020 0.015		E229 E597
E691 E692 E693 E694	11/1 3/1 18/18 7/11	L H H H	0.015 0.020 0.030 0.020	121	E1504
E695 E696 E697 E698	18/18 9/8 8/3 11/3	H L H L	0.030 0.035 0.020 0.020	121 121	

SECTION 040-010-711

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E699	2	L	0.015		E266
E700	11/3	L	0.020		
E701	10/3	L	0.020		
E702	14/2	L	0.035		E6190
E703	1/1	H	0.015		
E704	3/1	H	0.020	121	
E705	11/10	H	0.015		E707
E706	7/11	H	0.020		
E707	8/7	H	0.020	121	
E708	10/3	H	0.020		
E709	1/1	H	0.015		
E711	7/3	H	0.020		E1629
E713	3	H	0.020	69	
E714	8/3	H	0.020		
E715	8/7	H	0.020	121	
E716	11/10	H	0.015		
E717	8/8	L	0.020		
E718	8/11	L	0.020		E1866
E720	3/1	H	0.020		
E721	1	H	0.015		
E722	3/2	H	0.020		
E723	15/3	H	0.020	121	
E725	11/11	H	0.015	121	
E726	22/22	H	0.030		
E727	1	H	0.015		E462
E728	7/3	H	0.020		
E729	8/8	L	0.020		
E730	7/10	H	0.020	121	
E731	1/1	H	0.015		
E733	11/3	H	0.020		
E734	3/1	H	0.020		
E735	8/3	L	0.020		
E736	23/12	H	0.035		E1295
E737	14/1	Spl	0.035	16	E1936
E738	11/4	L	0.025		E987
E739	14/1	H	0.035		E6018
E740	3	H	0.020		
E742	11/2	H	0.015	121	
E743	7/15	H	0.020		
E744	8/3	L	0.020		
E745	2	H	0.015		
E747	23/10	H	0.030		
E748	11/3	L	0.020	121	
E749	23/8	H	0.030		

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E750	8/8	L	0.020		
E751	14/2	H	0.035		
E752	12/8	H	0.035		
E753	3	H	0.020		
E755	8/11	H	0.020	121	
E756	10/3	H	0.020		
E757	15/10	L	0.015		
E758	3	H	0.020	121	
E759	14/1	H	0.035		E200
E760	15/10	H	0.015		
E763	2	H	0.015		E1444
E764	9/14	H	0.035		
E765	10/14	H	0.035		
E766	3/3	L	0.020		
E768	14/1	H	0.035		
E769	8/3	L	0.020		
E770	7/3	H	0.020		
E771	11/2	L	0.015		E1140
E772	8/8	L	0.020		
E774	3	L	0.020		
E775	2	H	0.015	121	
E776	25/11	H	0.025	121	
E777	11/3	H	0.020		
E778	8/15	H	0.020		
E779	23/8	H	0.030		
E780	9/9	H	0.035		
E781	1/1	H	0.015	121	
E782	5/1	H	0.030	121	
E783	9/14	H	0.035	121	
E784	14	H	0.035		
E785	2	H	0.015		E1444
E786	8/3	H	0.020		
E787	8/3	L	0.020		E1822
E788	15/3	H	0.020		
E789	8/3	L	0.020		
E791	11/1	H	0.015		E1262
E792	2/1	H	0.015		
E794	11/1	H	0.015		
E796	3/1	H	0.020	121	
E797	1/1	H	0.015		E786
E798	8/3	H	0.020		E1624
E799	3/1	H	0.020		
E801	2/1	H	0.015		E1529
E802	27/27	L	0.020	69	E1224

SECTION 040-010-711

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E804	8/7	L	0.020		E1604
E805	11/10	L	0.015		
E806	2/1	H	0.015		
E807	3	L	0.020		
E809	3/1	H	0.020	121	E1425 E1783
E810	1	H	0.015		
E813	1	H	0.015		
E814	1/1	H	0.015		
E815	1/1	H	0.015	121 121	E419
E818	11/3	H	0.020		
E819	2/2	H	0.015		
E820	1/1	L	0.015		
E821	8/8	H	0.020		
E822	2/1	H	0.015		
E823	10/10	H	0.015		
E825	10/3	H	0.020		
E826	3/2	H	0.020	75 63	E440
E827	3	H	Spl		
E828	1/1	H	0.015		
E829	11/4	H	0.025		
E830	10/3	H	0.020	121	
E831	11/3	H	0.020		
E832	8/3	H	0.020		
E833	8/11	H	0.020		
E834	15/11	H	0.015	121 69	
E835	15/2	H	0.015		
E836	15/2	H	0.015		
E837	8/3	H	0.020		
E838	3	H	0.020		E1598 E1669 E1939
E839	1/1	H	0.015		
E840	3/1	H	0.020		
E841	8/1	H	0.020		
E843	11/1	H	0.015	121	E6063
E844	8/3	H	0.020		
E845	7/3	H	0.020		
E847	1	L	0.015		
E848	11/10	H	0.015		E642
E849	2/1	H	0.015		
E850	1	H	0.015		
E851	8/8	L	0.020		
E852	8/7	L	0.020		E1867
E853	8/11	H	0.020		
E854	25/8	H	0.025		
E855	11/3	H	0.020		

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E856	2	H	0.015		E1139
E859	11/1	H	0.015	121	
E860	9/11	L	0.025		
E861	8/15	H	0.020		
E862	11/10	H	0.015	121	
E863	11/3	H	0.020		
E864	23/8	H	0.030		
E865	22/7	L	0.030		
E867	15/3	H	0.020		
E868	23/10	H	0.030		
E869	8/8	L	0.020		E1201
E870	8/11	H	0.020	69	
E871	11/3	H	0.020		
E872	7/15	H	0.020		
E873	1	H	0.015		
E874	1	H	0.015	63	E1639
E875	15/14	H	0.035		
E876	11/3	H	0.020		
E878	24/3	H	0.025		E6196
E879	11/11	H	0.015		E725
E880	24/24	L	0.025		
E881	8/10	H	0.020		
E882	24/3	Spl	0.025	17	
E883	3/3	H	0.020		E1730
E884	23/23	L	0.030	121	
E885	3/1	H	0.020		E697
E886	23/11	L	0.030		
E887	1	H	0.015		
E888	9/7	H	0.035	121	
E889	11/1	H	0.015		E530
E890	14/1	H	0.035		
E891	3/1	H	0.020		
E892	7/11	H	0.020		
E893	22/22	H	0.030		
E894	18/3	H	0.030		
E895	10/14	H	0.035		
E896	9/11	H	0.035		
E897	10/1	H	0.015		
E898	11/3	H	0.020		
E899	22/7	H	0.030		E6177
E900	11/3	L	0.020		
E901	3/1	H	0.020	121	
E902	9/8	L	0.035		
E903	3/3	L	Spl	72,121	

SECTION 040-010-711

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E904	23/8	H	0.030		E1026
E905	1	H	0.015		
E906	3/1	H	0.020	121	
E907	3/1	H	0.020		
E908	7/7	H	0.020		E915
E909	15/10	H	0.015	121	
E910	10/3	H	0.020		E6364
E911	18	H	0.030	121	
E912	10/10	H	0.015		
E913	24/8	H	0.025	69	
E914	14/1	Spl	0.035	1	
E915	7/7	H	0.020	121	
E916	2/2	H	0.015		
E917	8/7	L	0.020		
E918	8/3	H	0.020		E1060
E919	1/1	H	0.015	121	
E920	15/3	L	0.020		
E921	10/1	H	0.015	121	
E922	14/14	H	0.035		
E923	14/1	H	0.035		
E924	11/10	H	0.015		
E925	8/7	H	0.020		
E926	9/11	H	0.035		
E927	3	H	Spl	18	
E928	4/3	H	0.025		E187
E929	3/1	H	0.020		E1726
E930	11/10	H	0.015		
E931	1/1	H	0.015		
E932	3/1	H	0.020		
E933	1/1	H	0.015		
E934	15/3	H	0.020		
E935	1	H	0.015	121	
E936	10/3	H	0.020		E6345
E937	23/7	H	0.030		
E938	8/8	H	0.020		E6053
E939	1/1	L	0.015		
E940	3	H	0.020		E796
E941	1/1	H	0.015		
E942	8/8	H	0.020		
E943	11/11	L	0.015		
E944	3	H	0.020		
E945	8/8	H	0.020	121	
E946	7/11	H	0.020		E6014
E947	10/3	H	0.020		

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E948	8/11	L	0.020	121	E945
E949	12/14	H	0.035		
E950	7/3	H	0.020		
E951	2	H	0.015		
E952	1/1	H	Spl	19	
E953	2/2	H	0.015		
E954	24/7	H	0.025	121	
E955	10/3	H	0.020		
E956	3/1	H	0.020	121	E525
E957	1/1	H	0.015		
E958	10/1	H	0.015	121	
E959	11/1	H	0.015		
E960	4/2	H	0.025	121	E214 E1527
E961	1	H	0.015		
E962	3/1	H	0.020		
E963	3/3	H	0.020		
E964	23/23	L	0.030	20	E6417 E820 E1866
E965	28	Spl	0.015		
E966	2/2	H	0.015		
E967	4	H	0.025		
E968	1	H	0.015		
E969	8/3	H	0.020		
E970	3	L	0.020		
E971	3/1	H	0.020		
E972	2/1	H	0.015		E485
E973	2/1	L	0.015		
E974	9/3	H	0.035		
E975	4/1	H	0.025		
E976	10/2	H	0.015	69	
E977	8/3	L	0.020		
E978	3/1	H	0.020		
E979	11/3	H	0.020		
E980	8/3	H	0.020	69	
E981	8/3	H	0.020	121	
E982	8/8	L	0.020		
E983	9/14	H	0.035		
E984	11/3	H	0.020	121	E1763
E985	3/1	H	0.020		
E986	11/14	L	0.035		
E987	8/4	H	0.025		
E988	3/1	H	0.020		E1073
E989	2/1	H	0.015		
E990	8/10	L	0.020		
E991	9/9	H	0.035		

SECTION 040-010-711

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E992	24/14	H	0.035		
E993	12/18	H	Spl	13	
E994	1/1	H	0.015		
E995	10/14	Spl	0.035	21	
E996	12/8	H	0.035		
E997	3/1	H	0.020		
E998	2/2	H	0.015		
E999	9/7	L	0.035		
E1000	8/8	L	0.020	121	
E1001	12/9	H	0.035		
E1002	3/1	H	0.020		
E1003	1/1	H	0.015	121	
E1004	23/15	H	0.030		E1764
E1005	14/1	H	0.035		
E1006	4/4	H	0.025		
E1007	4/4	H	0.025		
E1008	3/1	H	0.020	121	
E1009	11/11	L	0.015		
E1010	10/3	H	0.020		
E1011	11/10	L	0.015		
E1012	12/9	H	0.035		
E1013	10/3	L	0.020		
E1014	12/9	H	0.035		
E1015	1	Spl	0.015	22	
E1016	14/14	H	0.035		
E1017	11/14	H	0.035	121	
E1018	14/1	H	0.035		
E1019	2	H	0.015		
E1020	9/9	H	0.035		
E1021	8/15	H	0.020		
E1022	9/11	H	0.035		
E1023	8/3	H	0.020		
E1024	23/7	H	0.030	121	
E1025	22/21	H	0.030	69	
E1026	23/8	H	0.030	121	
E1027	8/11	H	0.020		
E1028	2/2	H	0.015		E397 E1399
E1030	9/10	H	0.035		
E1031	9/8	H	0.035		
E1032	23/11	H	0.030	121	
E1033	1	H	0.015		
E1034	15/3	H	0.020		
E1035	12/9	H	0.035	121	
E1036	1	H	0.015	121	

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E1037	3	H	0.020	121	E6337
E1038	8/3	H	0.020		
E1039	21/8	H	0.030		
E1041	10/3	H	0.020		
E1042	23/3	H	0.030		E577
E1043	3	H	0.020		
E1044	10/1	H	0.015		
E1045	2/1	H	0.015		
E1046	3	H	0.020		E684
E1047	1/1	L	0.015		
E1048	7/3	H	0.020		
E1049	3/1	H	0.020		
E1050	14/1	H	0.035	121	E6154
E1051	8/7	H	0.020		
E1052	1	H	0.015		
E1053	10/2	H	0.015		
E1054	15/10	H	0.015	121	
E1055	3/3	H	0.020		
E1056	1/1	L	0.015		
E1057	2/1	H	0.015		
E1058	24/24	L	0.025	121	E1073
E1059	3/3	H	0.020		
E1060	8/3	H	0.020		
E1061	2/2	H	0.015		
E1062	1	H	0.015		
E1063	3/2	H	0.020		
E1064	15/14	H	0.035		
E1065	24/21	H	0.030		
E1066	12/3	L	0.035	121	
E1067	4/1	H	0.025		
E1068	14	H	0.035		
E1069	9/8	H	0.035		
E1070	11/3	H	0.020	69	
E1071	22/11	H	0.030	121	
E1072	9/9	H	0.035		
E1073	24/24	H	0.025	121	
E1074	24/23	Spl	0.030	17	E6058 E1236
E1075	13/13	H	0.035	121	
E1076	11/10	H	0.015		
E1077	22/22	H	0.030		
E1078	11/1	H	0.015	121	E1939
E1079	8/7	H	0.020		
E1080	8/3	H	0.020		
E1081	10/3	H	0.020		

SECTION 040-010-711

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E1082	11/14	H	0.035		
E1083	14/1	H	0.035		
E1084	24/23	H	0.030	121	
E1085	10/3	H	0.020		E1613
E1086	24/7	H	0.025		E1087
E1087	24/7	H	0.025	121	
E1088	8/8	H	0.020		
E1089	15/3	H	0.020		
E1090	4/1	H	0.025		
E1091	4/4	H	0.025		
E1092	3	H	0.020		
E1093	3/3	L	0.020		E1520
E1094	8/7	H	0.020		E1446
E1095	22/22	H	0.030		
E1096	3/2	H	0.020		
E1097	22/21	H	0.030		
E1098	24/7	H	0.025		E1104
E1099	8/11	H	0.020		
E1100	3/2	H	0.020		
E1101	3/1	L	0.020		
E1102	3	H	0.020		
E1103	24/9	H	0.035		
E1104	24/7	H	0.025	121	
E1105	15/3	H	0.020		
E1106	9/14	H	0.035		
E1107	15/10	H	0.015		
E1109	7/7	H	0.020		
E1110	14/2	H	0.035		
E1111	24/8	H	0.025		E1673
E1112	24/8	H	0.025		
E1113	15/10	H	0.015		
E1114	3/1	H	0.020	121	
E1115	22/10	H	0.030		
E1116	2/1	H	0.015		
E1117	1	H	0.015		E1425
E1118	2	H	0.015		
E1119	2	H	0.015		
E1120	2/1	H	0.015		
E1121	8/11	H	0.020	121	
E1122	15/3	H	0.020		E6274
E1123	11/1	L	0.015		
E1124	1	H	0.015		E467
E1125	15/1	L	0.015		
E1126	11/2	H	0.015	121	

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E1127	7/7	H	0.020		E1838
E1128	8/8	H	0.020		
E1129	3/1	H	0.020		
E1130	8/5	H	0.030		
E1131	8/7	H	0.020		E115
E1132	8/7	H	0.020		
E1133	8/3	H	0.020		
E1134	3	H	0.020		
E1135	3/3	H	0.020	121	E901
E1136	8/11	L	0.020		
E1138	3/1	H	0.020		
E1139	3	H	0.020	121	
E1140	11/2	H	0.015	121	E6115
E1141	2/1	H	0.015		
E1142	2/1	H	0.015		
E1143	10/3	H	0.020		
E1144	3/1	L	0.020	121	
E1145	8/8	H	0.020		
E1146	11/2	L	0.015		
E1147	12/12	H	0.035		
E1148	8/11	H	0.020	1	E755
E1149	2	Spl	0.015		
E1150	11/3	H	0.020		
E1151	11/4	H	0.025		
E1152	2/1	H	0.015		
E1153	1	L	0.015		
E1154	4	H	0.025		
E1155	12/9	H	0.035		
E1156	22/8	H	0.030		E197 E1000
E1157	11/3	L	0.020		
E1158	8/10	H	0.020		
E1159	8/3	H	0.020		
E1160	2	H	0.015		
E1161	8/10	L	0.020		
E1162	4/1	H	0.025		
E1163	8/8	L	0.020		
E1164	1/1	H	0.015		
E1165	26/25	H	0.030		
E1166	8/8	H	0.020		
E1167	1	H	0.015		
E1168	11/10	H	0.015	23	E1785 E1305
E1169	9/3	H	0.035		
E1170	3	H	0.020		
E1171	11/3	H	0.020		

SECTION 040-010-711

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E1172	1/1	L	0.015		E781
E1173	8/7	H	0.020		E1510
E1174	23/11	H	0.030		E6123
E1176	15/15	L	0.015		
E1177	1/1	H	0.015		E1709
E1178	14/2	L	0.035		
E1179	21/18	H	0.030		
E1180	5/5	H	0.030		
E1181	1	H	0.015		E199
E1182	1	L	0.015		
E1183	9/3	H	0.035		
E1184	3/1	L	0.020		
E1185	15/3	H	0.020		
E1186	3/3	H	0.020		
E1187	2/2	H	0.015		
E1188	7/10	H	0.020		
E1189	2/1	H	0.015		
E1190	11/3	H	0.020		
E1191	3/1	L	0.020		E526
E1192	3/1	L	0.020		
E1193	1	H	0.015		
E1194	3/3	H	0.020		
E1195	3	H	0.020		E698
E1196	3/3	H	0.020		E697
E1197	23/10	H	0.030		
E1198	9/18	H	0.035		
E1199	11/3	Spl	0.020	24	
E1200	3/2	Spl	0.020	25	
E1201	8/8	L	0.020	121	
E1202	11/3	L	0.020		E6122
E1203	3	H	0.020		
E1205	10/3	H	0.020		
E1206	1	H	0.015		
E1207	24/8	Spl	0.025	17	E6369
E1208	22/8	H	0.030		
E1209	3	H	0.020		
E1210	11/6	H	0.030		
E1211	11/2	H	0.015		E742
E1212	4	H	0.025		
E1213	12/1	H	0.035		E384
E1214	4/4	H	0.025		
E1215	10/14	H	0.035		
E1216	2	H	0.015		E775
E1217	10/2	H	0.015		

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E1218	3/1	H	0.020	121	E1923
E1219	11/3	H	0.020		
E1220	11/1	H	0.015		
E1221	10/1	H	0.015		
E1222	25/11	H	0.025	121	E776
E1223	2/1	H	0.015		
E1224	8/8	H	0.020		
E1225	11/10	H	0.015		
E1226	18	H	0.030		
E1227	18/11	H	0.030		
E1228	8/3	H	0.020		
E1229	2	H	0.015		
E1230	11/3	H	0.020	121	
E1231	8/8	H	0.020		
E1232	3	H	0.020		
E1233	15/10	H	0.015		
E1234	12/11	H	0.035	121	
E1235	11/1	H	0.015		
E1236	22/22	H	0.030	121	
E1237	2/2	H	0.015		
E1238	10/1	H	0.015		
E1239	11/3	H	0.020		
E1240	8/3	H	0.020		
E1241	8/3	L	0.020		
E1242	8/3	H	0.020		
E1243	3/1	H	0.020		
E1244	8/7	H	0.020		
E1245	11/3	L	0.020		
E1246	23/3	L	0.030		
E1247	3/1	H	0.020		
E1248	8/10	H	0.020		
E1249	23/12	H	0.035		
E1250	8/15	H	0.020		E1837
E1251	1	H	0.015		
E1252	1	H	0.015		
E1253	4	H	0.025		
E1254	2/1	H	0.015		
E1255	4	L	0.025		
E1256	2	L	0.015		
E1257	3/1	H	0.020		
E1258	8/8	H	0.020	121 26	E1259
E1259	8/8	H	0.020		
E1260	9	H	0.035		
E1261	24/3	H	0.025		

SECTION 040-010-711

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E1262	11/1	H	0.015	121	E1755*
E1263	8/3	H	0.020		
E1264	20/11	H	0.040		
E1265	23/15	H	0.030		
E1266	2/2	H	0.015		
E1267	22/22	H	0.030		
E1268	14/1	H	0.035		
E1269	7/11	H	0.020		
E1270	1	H	0.015		E1218
E1272	11/1	H	0.015		
E1273	11/1	H	0.015		
E1274	7/10	H	0.020		
E1275	23/14	H	0.035		
E1276	8/11	H	0.020		
E1277	11/3	L	0.020		
E1278	8/11	L	0.020		
E1279	2/1	H	0.015		
E1280	8/10	H	0.020		
E1281	4	H	0.025		
E1282	4/1	H	0.025		
E1284	3/3	H	0.020	121	
E1285	1	H	0.015		
E1286	3/1	L	0.020	121	
E1287	4/1	L	0.025		
E1288	3/1	H	0.020		E672
E1289	11/2	L	0.015		
E1290	11/3	H	0.020		
E1291	24/9	H	0.035	121	
E1292	2/1	H	0.015		E1868 E1868
E1293	8/11	H	0.020		
E1294	26/23	H	0.030		
E1295	23/12	H	0.035	121	
E1296	9/11	H	0.035		E672
E1297	3	L	0.020		
E1298	3/1	L	0.020		
E1299	3/1	H	0.020		
E1300	25/10	L	0.025		E1343
E1301	1/1	H	0.015		
E1302	1/1	L	0.015		
E1303	1	H	0.015		
E1304	8/3	H	0.020		E6344
E1305	3/2	H	0.020	121	
E1306	7/3	H	0.020		
E1307	4/1	H	0.025		

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E1308	3	H	0.020		E6483
E1309	1/1	H	0.015		E652
E1310	12/11	H	0.035		E624
E1311	4/1	H	0.025		
E1312	25/8	H	0.025		
E1313	22/11	H	0.030		
E1314	8/11	H	0.020		E528
E1315	23/11	L	0.030		E6040
E1316	8/3	H	0.020		
E1317	3/1	H	0.020		
E1318	1	H	0.015		
E1319	23/10	H	0.030		
E1320	24/7	H	0.025		
E1321	11/11	H	0.015		
E1322	7/14	L	0.035		
E1323	23/11	H	0.030		E1032
E1324	14/1	H	0.035		
E1325	3	Spl	0.020	27	
E1326	8/7	H	0.020		
E1327	11/2	H	0.015		
E1328	3/3	H	0.020		E1730
E1329	1	H	0.015		E153
E1331	11/2	H	0.015		E1126
E1332	1/1	L	0.015		E569
E1333	1/1	L	0.015		E569
E1334	26/7	H	0.030		E6418
E1335	3	H	0.020		
E1336	24/24	L	0.025		
E1337	8/3	H	0.020		
E1338	10/3	H	0.020		
E1339	11/3	H	0.020		
E1340	11/11	H	0.015		
E1341	3/3	H	0.020		
E1342	7/3	H	0.020	121	
E1343	1/1	L	0.015	121	
E1344	1/1	L	0.015		E1343
E1345	22/22	H	0.030		
E1346	1	H	0.015		
E1347	22/8	L	0.030		
E1348	14/14	H	0.035		
E1349	9/11	H	0.035	121	
E1350	24/9	H	0.035		
E1351	1	H	0.015	121	
E1352	4/3	H	0.025	69	

SECTION 040-010-711

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E1397	2	H	0.015		E551
E1398	8/8	H	0.020	121	
E1399	9/8	H	0.035	121	
E1400	1	H	0.015		E6486
E1401	5/3	H	0.030		
E1402	30	Spl	Spl	29,121	
E1403	30	Spl	0.015	30	
E1404	30	Spl	Spl	31	E1402
E1405	7/14	H	0.035		
E1406	1/1	H	0.015		E6075
E1407	8/8	L	0.020		
E1408	3/1	H	0.020		
E1409	10/14	H	0.035		
E1410	1	H	0.015		
E1411	18/18	H	0.030		
E1412	31	H	0.015		
E1413	26/7	H	0.030	33	E1915
E1414	25/23	L	0.030		
E1415	3/1	H	0.020		
E1416	3/1	H	0.020		E672
E1417	3/2	H	0.020		
E1418	15/3	H	0.020	121	
E1419	11/1	H	0.015		
E1420	11/11	H	0.015		E612
E1421	1	Spl	Spl	34	
E1422	8/8	H	0.020		
E1423	3/3	H	0.020		
E1424	3	Spl	0.020	35	
E1425	1	H	0.015	121	
E1426	22/11	H	0.030	121	
E1427	23/23	H	0.030		
E1428	3/3	H	0.020		
E1429	3/3	H	0.020		
E1430	1/1	H	0.015		
E1431	8/3	H	0.020	121	
E1432	11/3	H	0.020		E1659
E1433	3/1	H	0.020		
E1434	8/11	H	0.020		
E1435	9/8	H	0.035	121	
E1436	3/1	H	0.020	121	
E1437	1	H	0.015		E1436
E1438	9/8	H	0.035		E1435
E1439	3/1	H	0.020		
E1440	10/2	H	0.015	121	

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E1353	1	H	0.015	17	E1554
E1354	24/8	H	0.025		
E1355	24/8	Spl	0.025		
E1356	23/23	L	0.030		E6168
E1357	24/14	H	0.035		E884
E1358	10/14	L	0.035		
E1359	20/11	H	0.040		
E1360	23/23	L	0.030		
E1361	1/1	H	0.015		
E1362	1	H	0.015		
E1363	7/5	L	0.030		
E1364	12/14	H	0.035		
E1365	7/10	H	0.020		E6066
E1366	7/7	H	0.020		
E1367	3/1	H	0.020		
E1368	8/11	H	0.020		E1767
E1369	8/11	H	0.020		E1032
E1370	23/11	H	0.030		
E1371	8/3	H	0.020		
E1372	8/11	H	0.020		
E1373	24/8	H	0.025		E1497
E1374	11/2	H	0.015		
E1375	24/8	H	0.025		
E1376	11/3	H	0.020		
E1377	8/11	H	0.020		
E1378	23/11	L	0.030		
E1379	7/5	L	0.030		
E1380	11/14	H	0.035		
E1381	27	Spl	0.020	28	
E1382	22/21	H	0.030	73	
E1383	1	L	Spl		
E1384	10/2	H	0.015		
E1385	3	H	0.020	121	
E1386	4/3	H	0.025		
E1387	3/1	H	0.020		
E1388	15/15	L	0.015		
E1389	8/3	H	0.020		
E1390	2/1	H	0.015		
E1391	10/1	H	0.015		
E1392	24/22	H	0.030		
E1393	3	H	0.020	121	
E1394	8/11	H	0.020		
E1395	22/10	H	0.030		
E1396	7/14	H	0.035		

SECTION 040-010-711

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E1442	3/3	H	0.020		E127
E1443	14/14	H	0.035		
E1444	2	H	0.015	121	
E1445	3/1	H	0.020		
E1446	8/7	H	0.020	121	E355 E610 E1387
E1447	7/14	L	0.035		
E1448	11/1	H	0.015		
E1449	3/1	H	0.020		
E1450	8/7	L	0.020		E106
E1451	10/10	H	0.015		E1939
E1452	8/3	H	0.020		
E1453	2	H	0.015	121	
E1454	7/1	H	0.020		
E1455	11/1	H	0.015		E1508
E1456	8/10	L	0.020		
E1457	11/3	H	0.020	121	
E1458	11/3	H	0.020		
E1459	14/3	H	0.035		36
E1460	24/3	H	0.025		
E1461	1	Spl	0.015		
E1462	10/3	H	0.020		
E1463	14/1	H	0.035		121
E1464	12/9	H	0.035		
E1465	14/1	H	0.035		
E1466	3	H	0.020	121	
E1467	3/3	H	0.020		E6251
E1468	11/11	L	0.015		
E1469	8/4	H	0.025		
E1470	8/8	H	0.020		
E1471	8/5	H	0.030	69	121
E1472	1	H	0.015		
E1473	3/1	H	0.020		
E1474	1	H	0.015		
E1475	8/3	H	0.020		E1425
E1476	11/11	L	0.015		121
E1477	26/26	H	0.030		
E1478	26/24	H	0.030		
E1479	1/1	H	0.015	121	
E1480	3/1	L	0.020		E406
E1481	11/3	L	0.020		
E1482	22/20	H	0.040		
E1483	15	H	0.015		
E1484	23/8	H	0.030		121
E1485	1/1	H	0.015		

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E1486	2/1	H	0.015		E539
E1487	1/1	H	0.015		E258
E1488	18/18	H	0.030		
E1489	11/14	L	0.035		E1017
E1490	8/11	L	0.020	121	
E1491	15/1	H	0.015		E1224
E1492	26/15	H	0.030	121	
E1493	2/2	H	0.015		
E1494	11/2	H	0.015		E1146
E1495	26/23	H	0.030	121	
E1496	2	H	0.015		
E1497	24/8	H	0.025	121	
E1498	1/1	L	0.015		
E1499	1	H	0.015		
E1500	8/8	H	0.020	121	
E1501	8/10	H	0.020		
E1502	25/14	H	0.035		
E1503	3/1	H	0.020	121	
E1504	7/11	H	0.020	121	
E1505	11/3	H	0.020		E1230
E1506	1	H	0.015		E593
E1507	8/11	H	0.020		E1607
E1508	8/10	H	0.020	121	
E1509	2/1	H	0.015		
E1510	8/7	H	0.020	121	
E1511	11/14	H	0.035		
E1512	10/10	H	0.015		
E1513	9/18	H	0.035	37	
E1514	3/1	H	0.020		
E1515	10/1	H	0.015		E564
E1516	3/1	H	0.020		
E1517	8/3	H	0.020		E572
E1518	8/3	H	0.020		E572
E1519	11/3	H	0.020		E1230
E1520	3/3	H	0.020	121	
E1521	11/2	H	0.015	121	
E1522	11/14	L	0.035		
E1523	8/11	H	0.020		
E1524	14/14	H	0.035		
E1525	12/9	H	0.035		
E1526	8/7	L	0.020		
E1527	8/3	H	0.020	121	
E1528	10/1	H	0.015		
E1529	2/1	H	0.015	121	

SECTION 040-010-711

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E1530	2/1	H	0.015		E559
E1531	3/1	H	0.020		E1008
E1532	8/11	H	0.020		E1435
E1533	11/1	H	0.015		
E1534	3/1	H	0.020		E698
E1535	1	H	0.015	121	
E1536	8/10	H	0.020		E1008
E1537	7/3	H	0.020		
E1538	2	H	0.015		
E1539	2	H	0.015		
E1540	8/8	H	0.020	121	
E1541	8/11	H	0.020		E1121
E1542	8/8	L	0.020		
E1543	24/8	Spl	0.025	17,121	
E1544	8/3	H	0.020		
E1545	11/1	H	0.015		
E1546	8/3	H	0.020		E1821
E1547	11/4	H	0.025		
E1548	14/1	H	0.035		
E1549	8/10	H	0.020		E1714
E1550	24/8	Spl	0.025	17	
E1551	26/24	H	0.030		E6037
E1552	3/1	H	0.020	121	
E1553	1	H	0.015		E5
E1554	1	H	0.015	121	
E1555	3	H	0.020		E1641
E1556	2/2	H	0.015	121	
E1557	15/3	L	0.020		
E1558	2/2	H	0.015		E192
E1559	1	H	0.015		
E1560	5/1	H	0.030		
E1561	9/11	H	0.035	121	
E1562	3/2	H	0.020		E234
E1563	1/1	L	0.015		E1003
E1564	15/3	H	0.020		
E1565	11/3	L	0.020		
E1566	11/3	H	0.020		
E1567	11/5	L	0.030		
E1568	8/4	H	0.025		
E1569	8/11	L	0.020	69	
E1570	3/1	H	0.020	69	
E1571	2/1	L	0.015		
E1572	4	L	0.025		E782
E1573	8/3	L	0.020		

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E1574	14/1	H	0.035		
E1575	15/2	H	0.015		
E1576	3/1	H	0.020	121	
E1577	11/1	H	0.015	121	
E1580	11/2	H	0.015		E742
E1581	3/3	H	0.020		
E1582	8/11	H	0.020		E1607
E1583	24/3	H	0.025		
E1584	3/1	H	0.020		E1552
E1585	3	H	0.020		
E1586	8/15	H	0.020		
E1587	2/1	H	0.015		
E1588	11/2	H	0.015		
E1589	8/7	L	0.020		
E1590	8/7	H	0.020		E1446
E1591	2	L	0.015		
E1592	1	H	0.015	121	
E1593	7/7	H	0.020		
E1594	10/3	H	0.020		
E1595	8/10	H	0.020		
E1596	2	H	0.015		E1453
E1597	1/1	H	0.015	121	
E1598	3	H	0.020	121	
E1599	4/3	H	0.025		
E1600	1	L	0.015		E75
E1601	2/2	H	0.015	121	
E1602	22/8	H	0.030		
E1603	24/9	H	0.035		
E1604	2/1	H	0.015	121	
E1605	3/1	H	0.020		E214
E1606	4/1	L	0.025		E1067
E1607	8/11	H	0.020	121	
E1608	8/11	H	0.020		E1607
E1609	11/3	H	0.020		
E1610	8/3	H	0.020	121	
E1611	8/11	H	0.020		
E1612	11/3	H	0.020		E1230
E1613	10/3	H	0.020	121	
E1614	7/7	H	0.020		E1593
E1615	11/2	H	0.015		E1126
E1616	15/15	H	0.015		
E1617	11/3	H	0.020	38	E1457
E1618	8/8	L	0.020		E642
E1619	11/3	L	0.020		

SECTION 040-010-711

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E1620	11/3	H	0.020	121	E1230
E1621	11/3	H	0.020		
E1622	15/10	H	0.015		
E1623	3	H	0.020		
E1624	8/3	H	0.020	121	E652
E1625	2/1	H	0.015		
E1626	1/1	H	0.015		
E1627	2/1	H	0.015		
E1628	24/14	H	0.035	121	
E1629	7/3	H	0.020		
E1630	8/7	H	0.020		
E1631	14/1	H	0.035		
E1632	1	H	0.015	121	E1495
E1633	11/1	H	0.015		
E1634	26/23	H	0.030		
E1635	26/10	H	0.030		
E1636	2/1	H	0.015	63 63,121	E1343
E1637	1	H	0.015		
E1638	1/1	H	0.015		
E1639	1	H	0.015		
E1640	5/1	H	0.030	121 121	
E1641	3	H	0.020		
E1642	24/8	H	0.025		
E1643	14/14	H	0.035		
E1644	3/2	H	0.020	63	E1230 E1503
E1645	1	H	0.015		
E1646	11/3	H	0.020		
E1647	3/1	H	0.020		
E1648	2/1	H	0.015		E1779
E1649	3/1	H	0.020		
E1650	8/11	H	0.020		E258
E1651	1	L	0.015		
E1652	10/2	H	0.015		E1431
E1653	5	L	0.030		
E1654	8/7	H	0.020		
E1655	12/12	H	0.035		
E1656	14/14	H	0.035	121 121	E6231
E1657	1	H	0.015		
E1658	3	H	0.020		
E1659	11/3	H	0.020		
E1660	8/7	L	0.020		E598
E1661	8/3	L	0.020		
E1662	25/4	H	0.025		E6168
E1663	23/23	L	0.030		

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E1664	8/3	H	0.020		
E1665	8/3	H	0.020		
E1666	3/1	H	0.020		
E1667	3/1	H	0.020		
E1668	8/3	H	0.020		
E1669	8/3	H	0.020	121	
E1670	10/5	H	0.030		
E1671	3/3	H	0.020		E112
E1672	7/14	H	0.035		
E1673	24/8	H	0.025	121	
E1674	3	H	0.020		E671
E1675	8/3	H	0.020		
E1676	8/10	H	0.020		E685
E1677	11/1	H	0.015		
E1678	8/8	H	0.020		E685
E1679	11/3	H	0.020		
E1680	14/1	H	0.035		E675
E1681	3	H	0.020		
E1682	11/10	L	0.015		
E1683	11/14	L	0.035		
E1684	1/1	H	0.015	121	
E1685	8/11	H	0.020		
E1686	18	H	0.030		E911
E1687	18/11	H	0.030		E6416
E1688	1/1	L	0.015		
E1689	2/2	L	0.015	121	
E1690	10/2	H	0.015		
E1691	26/8	H	0.030		
E1692	1	H	0.015		
E1693	3/1	H	0.020		E214
E1694	9/1	H	0.035		E278
E1695	3	H	0.020	63,121	
E1696	8/7	H	0.020		
E1697	11/14	H	0.035		E630
E1698	8/3	H	0.020		
E1699	11/11	L	0.015		
E1700	14/3	H	0.035		
E1701	8/11	H	0.020		
E1702	14/1	H	0.035		
E1703	15/10	H	0.015		
E1704	7/5	H	0.030		
E1705	24/8	H	0.025		E6447
E1706	8/8	L	0.020		
E1707	8/11	L	0.020		

SECTION 040-010-711

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E1708	11/10	L	0.015		E6058
E1709	1/1	H	0.015	121	
E1711	11/10	H	0.015	121	
E1712	11/14	L	0.035		
E1713	8/11	H	0.020		
E1714	8/10	H	0.020	121	
E1715	11/3	H	0.020	121	
E1716	8/3	H	0.020		
E1717	24/3	H	0.025		
E1718	14/14	H	0.035		
E1719	8/5	L	0.030		
E1720	15/3	H	0.020		
E1721	11/3	H	0.020	121	E6467
E1722	3	L	0.020		
E1723	1	L	0.015		
E1724	3	L	0.020		
E1725	1/1	H	0.015		
E1726	3/1	H	0.020	121	
E1727	3/2	H	0.020		
E1728	8/3	H	0.020		
E1729	11/11	H	0.015		E725
E1730	3/3	H	0.020	121	
E1731	3	H	0.020		
E1732	3/1	H	0.020		
E1733	3	H	0.020		E1598 E888 E748
E1734	9/7	H	0.035		
E1735	2/2	H	0.015	121	
E1736	11/3	L	0.020		
E1737	4	H	0.025	63	
E1738	12/12	L	0.035		
E1739	10/3	H	0.020		
E1740	10/3	H	0.020		
E1741	23/8	H	0.030		E1026
E1742	14/2	H	0.035		
E1743	7/15	H	0.020		
E1744	1/1	L	0.015		
E1745	24/8	Spl	0.025	17	
E1746	10/10	H	0.015		
E1747	1/1	H	0.015	121	
E1748	1/1	L	0.015		
E1749	8/3	H	0.020		E1954 E1262
E1750	1	H	0.015		
E1751	10/3	L	0.020		
E1752	9/10	H	0.035		

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E1753	12/10	H	0.035		
E1754	7/10	H	0.020		E1446
E1755	23/15	H	0.030	121	
E1756	11/1	H	0.015		E1262
E1757	23/9	H	0.035		
E1758	7/7	H	0.020		
E1759	1/1	H	0.015	121	
E1760	2/1	H	0.015	69	
E1761	2	H	0.015		
E1762	14/14	H	0.035		E1925
E1763	11/14	L	0.035	121	
E1764	14/1	H	0.035	121	
E1765	3/1	H	0.020		E672
E1766	8/10	L	0.020		
E1767	3/1	H	0.020	121	
E1768	7/5	H	0.020		
E1769	14/1	Spl	0.035	74	E66
E1770	3/1	H	0.020		E672
E1771	22/10	H	0.030		
E1772	22/8	H	0.030		
E1773	23/22	H	0.030		
E1774	1	H	0.015		E75
E1775	11/1	H	0.015		E1997
E1776	11/10	H	0.015		E862
E1777	3	H	0.020		E6259
E1778	12/8	H	0.035		
E1779	2/1	H	0.015	121	
E1780	2/1	H	0.015	121	
E1781	7/3	H	0.020		E715
E1782	8/3	H	0.020		E981
E1783	1/1	H	0.015	121	
E1784	1/1	H	0.015		
E1785	9/3	H	0.035	121	
E1786	10/1	H	0.015		
E1787	1	H	0.015		
E1788	20/11	H	0.040		
E1789	11/3	H	0.020		
E1790	15/3	H	0.020		
E1791	10/3	H	0.020		
E1792	1	H	0.015		E467
E1793	1/1	L	0.015	63	
E1794	2/1	H	0.015		E1057
E1795	14/1	H	0.035		
E1796	3	H	0.020	121	

SECTION 040-010-711

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E1797	15/2	H	0.015		
E1798	14/1	H	0.035		
E1799	12/11	H	0.035		
E1800	14/2	H	0.035		
E1801	3/1	H	0.020		
E1803	14/14	H	0.035		
E1804	8/14	H	0.035		
E1805	7/11	H	0.020		
E1806	3/3	H	0.020	121	
E1807	8/15	H	0.020		
E1808	10/3	H	0.020		
E1809	1	H	0.015		
E1810	2/1	H	0.015		
E1811	1/1	H	0.015		E919
E1812	2/2	H	0.015		
E1813	3/1	H	0.020		E214
E1814	1	H	0.015		
E1815	11/2	H	0.015		E1837
E1816	10/3	H	0.020		
E1817	8/10	H	0.020		
E1818	15	H	Spl	42	
E1819	3/1	H	0.020		
E1820	12/10	H	0.035		E1464
E1821	8/3	L	0.020	121	
E1822	8/3	L	0.020	121	
E1823	12/10	H	0.035		
E1824	1	H	0.015		E1992
E1825	1	H	0.015		
E1826	7/3	H	0.020		
E1827	11/1	H	0.015		
E1828	8/10	H	0.020	43	
E1829	26/8	H	0.030	44	
E1830	10/3	H	0.020		
E1831	11/3	H	0.020	121	
E1832	9/3	H	0.035	121	
E1833	8/7	H	0.020		
E1834	8/3	H	0.020		
E1835	1	H	0.015		
E1836	3	L	0.020		E1393
E1837	1	H	0.015	121	
E1838	8/8	H	0.020	121	
E1839	24/8	H	0.025		
E1840	2	H	0.015		
E1841	3/2	H	0.020		

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E1842	11/2	H	0.015		
E1843	1	H	0.015		E935
E1844	31/1	Spl	Spl	45	E1852
E1845	3/1	L	0.020		E6004
E1846	32/1	Spl	Spl	46	E1851
E1847	31	Spl	0.015	47	
E1848	32/32	Spl	0.020	48	
E1849	2/31	Spl	0.015	49	
E1850	11/31	Spl	Spl	50	
E1851	32/32	Spl	0.020	51,121	
E1852	32/31	Spl	0.020	52,121	
E1853	31/31	Spl	Spl	53	E1852
E1854	3/31	Spl	0.020	54	E1852
E1855	12/7	H	0.035		
E1856	3/1	H	0.020		E128
E1857	3/3	H	0.020		E903
E1858	11/10	H	0.015		
E1859	8/7	L	0.020		
E1860	8/7	L	0.020		
E1861	11/11	H	0.015		E1934
E1862	23/11	H	0.030		
E1863	1/1	H	0.015		
E1864	14/2	H	0.035		
E1865	7/3	H	0.020		
E1866	8/11	L	0.020	121	
E1867	8/11	H	0.020	121	
E1868	8/11	H	0.020	121	
E1869	8/8	H	0.020		E1224
E1870	8/3	H	0.020		E1822
E1871	11/1	H	0.015		E843
E1872	10/2	H	0.015		E6166
E1873	11/1	H	0.015		
E1874	23/23	H	0.030		E884
E1875	2	H	0.015	121	
E1876	24/12	H	0.035		
E1877	21/15	H	0.030		
E1878	2/1	L	0.015		
E1879	11/11	H	0.015		E948
E1880	1	L	0.015		E621
E1881	8/3	H	0.020		E572
E1882	2/1	L	0.015		
E1883	2/2	H	0.015	121	
E1884	14/2	H	0.035		E160
E1885	8/11	H	0.020		E1866

SECTION 040-010-711

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E1886	11/1	H	0.015		E530
E1887	24/14	Spl	0.035	55	
E1888	11/2	H	0.015	121	
E1889	8/3	H	0.020		
E1890	11/3	H	0.020		
E1891	14/3	H	0.035		
E1892	11/3	H	0.020		E1974
E1893	11/2	H	0.015		
E1894	8/3	H	0.020		E1610
E1895	8/18	H	0.030		
E1896	1/1	H	0.015		E1684
E1897	3/2	H	0.020	121	
E1898	9/8	H	0.035		
E1899	3/3	H	0.020		
E1900	1	H	0.015		
E1901	3/1	H	0.020		
E1902	8/10	H	0.020		
E1903	21/18	H	Spl	56	
E1905	23/9	H	0.035		
E1906	8/7	H	0.020		
E1907	15/1	H	0.015		
E1908	14/1	H	0.035		
E1909	3	H	0.020		
E1910	13/13	H	0.035		E1075
E1911	9/9	H	0.035		E1072
E1912	8/7	H	0.020		E1446
E1913	3	H	0.020		E155
E1914	23/8	L	0.030		
E1915	26/7	L	0.030	121	
E1916	14/3	H	0.035		
E1917	14/1	H	0.035		
E1918	8/7	H	0.020		
E1919	11/3	L	0.020		
E1920	3/3	H	0.020	121	
E1922	1	L	0.015		E1286
E1923	11/1	H	0.015	121	
E1924	7/3	H	0.020		
E1925	14/14	H	0.035	121	
E1926	1/1	L	0.015		
E1927	10/2	L	0.015		
E1928	11/11	L	0.015		
E1929	11/1	L	0.015		
E1930	14/14	H	0.035		
E1931	7/15	H	0.020	121	

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E1932	1/1	H	0.015		E6005
E1933	14/1	H	0.035		
E1934	11/11	H	0.015	121	
E1935	1/1	L	0.015		E528
E1936	11/14	Spl	0.035	21,121	
E1937	14/1	H	0.035		
E1938	1	L	0.015		
E1939	8/3	H	0.020	121	
E1940	11/3	H	0.020		E831
E1941	7/11	L	0.020		
E1942	26/12	L	0.035		
E1943	1	H	0.015		
E1944	3/3	H	0.020		E153
E1945	11/6	H	0.030		
E1946	7/3	H	0.020		
E1947	11/11	H	0.015		
E1948	8/3	H	0.020		
E1949	23/7	H	0.030		
E1950	11/4	H	0.025		
E1951	15/1	L	0.015		
E1952	4	L	0.025		
E1953	8/10	H	0.020		
E1954	3/3	H	0.020	121	
E1955	11/1	H	0.015		
E1956	3	H	0.020		
E1957	3	H	0.020		
E1958	3	H	0.020		
E1959	1	H	0.015		
E1960	24/14	L	0.035		
E1961	14	H	0.035		E6120
E1962	4/3	H	0.025		
E1963	3/3	H	0.020		
E1964	15/15	L	0.015	121	
E1965	3	H	0.020		E640
E1966	8/8	H	0.020		
E1967	2	H	0.015		
E1968	11/11	H	0.015		E597
E1969	8/8	H	0.020		E1398
E1970	26/23	H	0.030	57	
E1971	10/1	H	0.015		E921
E1972	3/2	H	0.020		
E1973	3/2	H	0.020	121	
E1974	11/3	H	0.020	121	
E1975	11/3	H	0.020		

SECTION 040-010-711

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E1976	3/3	H	0.020		
E1977	1/1	H	0.015		
E1978	2/1	L	0.015		
E1979	2/1	H	0.015		
E1980	3	H	0.020		
E1981	1	H	0.015		
E1982	3/3	H	0.020		
E1983	1/1	H	0.015		E1759
E1984	8/3	H	0.020		
E1985	2/2	H	0.015		
E1986	14/2	H	0.035		
E1987	12/8	H	0.035		
E1988	8/3	H	0.020		
E1989	11/14	H	0.035		
E1990	1	H	0.015		
E1991	11/3	H	0.020		
E1992	3	H	0.020	121	
E1993	3	H	0.020		
E1994	2	Spl	0.015	1	
E1995	31	H	0.015		
E1996	15/14	L	0.035		E272
E1997	9/9	H	0.035	121	
E1998	12/9	H	0.035		
E1999	8/3	H	0.020		
E6000	9/14	H	0.035		
E6001	3/3	H	0.020		
E6002	21/18	H	0.030		
E6003	9/7	H	0.035		E1087
E6004	3/1	L	0.020	121	
E6005	1/1	H	0.015	121	
E6006	2/1	H	0.015		
E6007	15/14	H	0.035		
E6008	14	Spl	0.035	58,121	
E6009	22/7	H	0.030		E6177
E6010	7/7	L	0.020		
E6011	21/7	H	0.030	121	
E6012	24/15	H	0.025		
E6013	10/3	H	0.020		
E6014	7/11	H	0.020	121	
E6015	1	H	0.015		E961
E6016	7/3	H	0.020		
E6017	1	H	0.015		
E6018	14/1	H	0.035	121	
E6019	8/3	L	0.020		E588

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE	
E6020	15/10	H	0.015		E909	
E6021	3/1	L	0.020			
E6022	7/15	H	0.020			
E6023	9/3	H	0.035			
E6024	8/3	H	0.020	121	E1735	
E6025	11/3	H	0.020			
E6026	2/2	L	0.015			
E6027	14/1	H	0.035			
E6028	2/1	L	0.015		E1038	
E6029	8/3	H	0.020			
E6030	1/1	L	0.015			
E6031	3/3	H	0.020			
E6032	14/3	Spl	0.035	59		
E6033	2	H	0.015			
E6034	4/1	H	0.025			
E6035	4	H	0.025			
E6036	3/3	H	0.020	121	E1806	
E6037	26/24	H	0.030			
E6038	8/15	L	0.020			
E6039	1	L	0.015			
E6040	23/11	H	0.030	121	E783	
E6041	3	H	0.020	121		
E6042	10/14	H	0.035			
E6043	20	H	0.040			
E6044	11/14	H	0.035		E594	
E6045	10/3	H	0.020			E250
E6046	8/3	H	0.020			E1715
E6047	11/3	H	0.020			
E6048	1	H	0.015		E1592	
E6049	1	L	0.015			
E6050	10/10	H	0.015			
E6051	1/1	L	0.015			E6161
E6052	24/23	H	0.030	121		
E6053	8/8	H	0.020			
E6054	3	H	0.020			
E6055	26/12	H	0.035			
E6056	7/15	H	0.020	121		
E6057	23/9	H	0.035			
E6058	11/10	H	0.015			
E6060	25/25	H	0.025			
E6061	3	H	0.020	121	E1284	
E6062	2/1	H	0.015			
E6063	7/3	H	0.020			
E6064	24/22	H	0.030			

SECTION 040-010-711

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E6065	15/3	H	0.020		
E6066	7/10	H	0.020	121	
E6067	3/1	H	0.020		
E6068	23/7	H	0.030		E1024
E6069	11/3	L	0.020		E1831
E6070	11/1	L	0.015		
E6071	1/1	H	0.015		
E6072	8/3	L	0.020		
E6073	1/1	H	0.015		
E6074	1	L	0.015		E6099
E6075	1/1	H	0.015	121	
E6076	6	H	0.030		
E6077	15/11	H	0.015		E945
E6078	1/1	H	0.015	121	
E6079	1/1	H	0.015		E6078
E6080	15/2	H	0.015		
E6081	2/2	H	0.015		
E6082	7/10	L	0.020		
E6083	15/11	H	0.015		
E6084	15/10	H	0.015		
E6085	15/3	L	0.020		
E6086	15/2	L	0.015		
E6087	32/3	L	Spl	60	
E6088	1/1	H	0.015		E919
E6089	26/7	H	0.030		
E6090	22/8	H	0.030		
E6091	1/1	H	0.015	121	
E6092	1/1	H	0.015		E6091
E6093	2	H	0.015		
E6094	11/2	H	0.015		E1521
E6095	4	H	0.025	121	
E6096	24/23	H	0.030		E1084
E6097	1/1	L	0.015		
E6098	3/3	H	0.020		E1920
E6099	3/3	L	0.020	121	
E6100	3/3	L	0.020		
E6101	12/9	L	0.035		
E6102	2	L	0.015		
E6103	8/7	H	0.020		
E6104	11/3	H	0.020		
E6105	1	H	0.015		
E6106	7/3	H	0.020		
E6107	12/7	L	0.035		
E6108	9/9	H	0.035		

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E6109	1	H	0.015		E6231
E6110	15/1	L	0.015		
E6111	4/2	H	0.025		
E6112	13/1	L	0.035		
E6113	2/1	L	0.015		E704
E6114	14/1	H	0.035		
E6115	2/1	H	0.015	121	
E6116	22/3	L	0.030		
E6117	3/3	H	0.020		
E6118	12/9	H	0.035		
E6119	2/2	L	0.015		
E6120	11/14	H	0.035	121	
E6121	9/9	H	0.035		
E6122	11/3	H	0.020	121	
E6123	23/11	H	0.030	121	
E6124	3/3	H	0.020	121	
E6125	12/7	L	0.035		E597
E6126	11/11	H	0.015		
E6127	9/10	H	0.035		
E6128	11/1	H	0.015		
E6129	29/14	Spl	0.035	61	E1556
E6130	2/2	L	0.015		
E6131	1	H	0.015		
E6132	11/11	L	0.015		
E6133	31/31	L	0.015		
E6134	1/1	H	0.015	121	
E6135	3/3	H	0.020	121	
E6136	2/1	H	0.015		
E6137	2/1	H	0.015	121	
E6138	1	H	0.015	63	
E6139	8/8	H	0.020		
E6140	24/12	L	0.035		
E6143	3/3	L	0.020		
E6144	3/1	L	0.020		
E6145	3/2	L	0.020		
E6146	1/1	L	0.015		
E6147	11/14	L	0.035		
E6148	14/14	H	0.035	121	
E6149	14/1	H	0.035		
E6150	11/14	H	0.035		
E6151	2	H	0.015		
E6152	3/1	L	0.020		
E6153	11/10	L	0.015		
E6154	24/8	H	0.025	121	

SECTION 040-010-711

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E6155	3/3	H	0.020	64	E1923
E6156	11/11	L	0.015		
E6157	3/2	L	0.020		
E6158	1	H	0.015		
E6159	12/8	H	0.035	65 121 121	
E6160	12/15	H	0.035		
E6161	3/3	H	0.020		
E6162	8/8	H	0.020		
E6163	11/3	H	0.020	121	E1230
E6164	10/10	L	0.015		
E6165	1	L	0.015		
E6166	10/2	H	0.015		
E6167	23/23	L	0.030	121	
E6168	23/23	H	0.030		
E6169	24/22	H	0.030		
E6170	8/8	L	0.020		
E6171	24/8	L	0.025		
E6172	14/1	L	0.035		
E6173	8/14	H	0.035		
E6174	8/7	H	0.020		
E6175	11/1	L	0.015	121 121	E859
E6176	11/1	H	0.015		
E6177	22/7	H	0.030		
E6178	22/10	H	0.030		
E6179	1	H	0.015	66	E1024
E6180	23/7	H	0.030		
E6181	3/2	H	0.020		
E6182	11/1	H	0.015		
E6183	11/11	H	0.015		E1167
E6184	12/10	H	0.035		
E6185	1	H	0.015		
E6186	8/14	H	0.035		
E6187	22/18	H	0.030	121	
E6188	24/3	H	0.025		
E6189	10/1	L	0.015		
E6190	14/2	H	0.035		
E6191	8/7	L	0.020		E1510
E6192	3	L	0.020		
E6193	23/11	L	0.030		E556
E6194	2	H	0.015		
E6195	8/1	H	0.020	121	
E6196	24/3	H	0.025		
E6197	8/2	L	0.020		
E6198	8/3	H	0.020		

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E6199 E6200 E6201 E6202	11/2 4/1 4 4/4	L H H H	0.015 0.025 0.025 0.025	121	
E6203 E6204 E6205 E6206	11/3 11/11 1/1 14/2	L L L H	0.020 0.015 0.015 0.035		
E6207 E6208 E6209 E6210	26/23 1 20/11 9/3	H L H L	0.030 0.015 0.040 0.035		E1472
E6211 E6212 E6213 E6214	4/2 4 10/3 10/3	H H H L	0.025 0.025 0.020 0.020		E6201 E556
E6215 E6216 E6217 E6218	11/3 23/11 12/4 7/3	H L H H	0.020 0.030 0.035 0.020		E1721
E6219 E6220 E6221 E6222	9/1 3/3 3 26/10	H H H H	0.035 0.020 0.020 0.030		E1561 E903
E6223 E6224 E6225 E6226	3/3 9/11 24/4 1/1	H L L L	0.020 0.035 0.025 0.015		E1349 E1783
E6227 E6228 E6229 E6230	7/11 10/3 10/2 10/1	H H L L	0.020 0.020 0.015 0.015		E592 E6309
E6231 E6232 E6233 E6234	1 7/5 11/1 15/14	L H L H	0.015 0.030 Spl 0.035	121 67	
E6235 E6236 E6237 E6238	8/8 24/3 11/14 3/1	H H L L	0.020 0.025 0.035 0.020		E1398
E6239 E6240 E6241 E6242	8/11 14/1 15/1 4/3	L H H H	0.020 0.035 0.015 0.025		E468

SECTION 040-010-711

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E6243	11/1	H	0.015		E467 E903
E6244	1	L	0.015		
E6245	3/3	H	0.020		
E6246	7/7	H	0.020		
E6247	14/1	H	0.035	18	
E6248	3	H	Spl		
E6249	3/2	L	0.020		
E6250	3/3	H	0.020		
E6251	24/22	H	0.030	121	
E6252	18/10	H	0.030		
E6253	8/8	L	0.020		
E6254	8/3	H	0.020		
E6255	14/3	H	0.035		E6427
E6256	11/1	L	0.015		
E6257	1/1	L	0.015		
E6258	2/2	H	0.015		
E6259	3	H	0.020	121	
E6260	10/2	L	0.015		
E6261	11/3	L	0.020		
E6262	10/1	L	0.015		
E6263	2	H	0.015		E146
E6264	1/1	H	0.015		
E6265	11/3	H	0.020		
E6266	3	H	0.020		
E6267	8/1	H	0.020	68	E1684 E1897
E6268	15/1	H	Spl		
E6269	1/1	H	0.015		
E6270	3/2	H	0.020		
E6271	26/11	H	0.030	121	E1540
E6272	24/8	H	0.025		
E6273	8/8	H	0.020		
E6274	15/3	H	0.020		
E6275	12/11	H	0.035	121	E6278
E6276	3/3	H	0.020		
E6277	3/3	H	0.020		
E6278	3/3	H	0.020		
E6279	8/3	H	0.020		
E6280	1	H	0.015		
E6281	3/1	H	0.020		
E6282	10/3	H	0.020		
E6283	8/7	H	0.020	121 69	
E6284	8/11	H	0.020		
E6285	1	H	0.015		
E6286	1	H	0.015		

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E6287	3/1	H	0.020		E1387
E6288	15	Spl	0.015	76	
E6289	7/15	H	0.020		
E6290	14/3	H	0.035	121	
E6291	26/15	H	0.030		E1492
E6292	24/9	H	0.035		E1291
E6293	1	H	0.015		E1036
E6294	23/8	H	0.030		E1026
E6295	3	H	0.020		E758
E6296	1	H	0.015		E1632
E6297	2/1	H	0.015		E1529
E6298	14/2	H	0.035		
E6299	8/8	H	0.020		E592
E6300	7/11	H	0.020		
E6301	11/11	H	0.015		
E6302	2/1	H	0.015		E3
E6303	15/2	H	0.015		
E6304	11/3	H	Spl	80	
E6305	14/2	L	0.035		
E6306	15/15	H	0.015		
E6307	8/3	H	0.020		E1624
E6308	2/1	L	0.015		
E6309	9/7	H	0.035	121	
E6310	3/1	L	0.020		E906
E6311	7/3	H	0.020		
E6312	2/1	H	0.015		
E6313	3/1	L	Spl	77	
E6314	3/3	H	0.020		
E6315	3/2	L	Spl	77	
E6316	22/8	H	0.030		
E6317	8/11	H	0.020		E1607
E6318	24/8	H	0.025		E1673
E6319	6/1	H	0.030	121	
E6320	6/1	H	0.030		E6319
E6321	3	H	0.020		
E6322	3	H	0.020		
E6323	3/3	H	0.020		E34
E6324	26/15	H	0.030		
E6325	14/2	H	0.035		
E6326	14	Spl	Spl	78	
E6327	8/3	H	0.020		
E6328	1	L	0.015		
E6329	3/1	L	Spl	77	
E6330	2/1	H	0.015		

SECTION 040-010-711

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E6331 E6332 E6333 E6334	10/2 2/1 8/11 3/1	H H L H	0.015 0.015 0.020 Spl	79	
E6335 E6336 E6337 E6338	2/1 8/11 10/3 11/14	H H H H	0.015 0.020 0.020 0.035	121 121	
E6339 E6340 E6341 E6342	1/1 14 3/3 1	H H H L	0.015 0.035 0.020 0.015		
E6343 E6344 E6345 E6346	14/3 8/3 10/3 24/7	H H H H	0.035 0.020 0.020 0.025	121 121 121	E954
E6347 E6348 E6349 E6350	23/23 1/1 11/1 3/1	H H L H	0.030 0.015 0.015 0.020		E6417
E6351 E6352 E6353 E6354	14 1 3/1 10/2	H H H H	0.035 0.015 0.020 0.015	121	E1053
E6355 E6356 E6357 E6358	3/1 11/3 1 3	H H H H	0.020 0.020 0.015 0.020	121	E544 E474 E1554
E6359 E6360 E6361 E6362	3 11/3 2/2 1	H H H H	0.020 0.020 0.015 0.015		
E6363 E6364 E6365 E6366	3 26/8 22/22 3/1	H H H H	0.020 0.030 0.030 0.020	121	E6358 E8
E6367 E6369 E6370 E6371	10/2 24/8 23/10 11/1	H L H H	0.015 0.025 0.030 0.015	121	E610
E6372 E6373 E6374 E6375	1 8/3 23/8 23/11	H L H H	0.015 0.020 0.030 0.030		E810

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E6376	15/11	H	0.015		
E6377	10/1	H	0.015		E6120
E6378	8/10	H	0.020		
E6379	8/10	H	0.020		E1714
E6380	1/1	L	0.015		
E6381	3	H	0.020		
E6382	11/11	H	0.015		
E6383	23/10	H	0.030		
E6384	7/11	H	0.020		
E6385	8/8	H	0.020		E1500
E6386	22/12	H	0.035	121	
E6387	25/8	H	0.025		
E6388	12/11	H	0.035		E6386
E6389	35/7	H	0.025		
E6390	12/11	H	0.035		
E6391	9/8	H	0.035		
E6392	1	H	0.015		
E6393	31/2	H	0.015	69	
E6394	8/3	H	0.020		
E6395	11/3	H	0.020		E6396
E6396	8/3	H	0.020	121	
E6397	35/12	H	0.035		
E6398	10/14	H	0.035		
E6399	26/24	H	0.030		
E6400	11/10	H	0.015		
E6401	21/7	H	0.030		
E6402	26/23	H	0.030		
E6403	15/3	H	0.020		
E6404	8/3	H	Spl	18	
E6405	1	H	0.015		
E6406	2/1	H	0.015		
E6407	3/2	H	0.020		
E6408	1/1	H	0.015		E1767
E6409	26/24	H	0.030		E6037
E6410	1	H	0.015		E935
E6411	3/1	H	0.020		
E6412	4	H	0.025		
E6413	8/10	H	0.020		
E6414	4/4	L	0.025		
E6415	8/3	H	0.020		
E6416	21/8	H	0.030	121	
E6417	23/23	H	0.030	121	
E6418	26/7	H	0.030	121	
E6419	8/15	H	0.020		

SECTION 040-010-711

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E6420	8/15	H	0.020		
E6421	35/24	H	0.025		
E6422	11/10	H	0.015		
E6423	26/26	H	0.030		E1477
E6425	8/7	H	0.020		
E6426	7/15	H	0.020		E1931
E6427	23/10	H	0.030	121	
E6428	28/25	H	0.025		
E6429	26/26	H	0.030		E1477
E6430	15/4	H	0.025		
E6431	3/1	H	0.020		E1114
E6432	32/31	H	0.020	69	
E6433	26/8	H	0.030	121	
E6434	23/10	H	0.030		E6427
E6435	26/8	H	0.030		E6433
E6436	1	H	0.015		
E6437	25/7	H	0.025		
E6438	3/3	H	0.020		E148
E6439	3	Spl	0.020	82	
E6440	1/1	H	0.015		
E6441	9/7	H	0.035		
E6442	26/12	H	0.035		
E6443	1	H	0.015		
E6444	1	L	0.015		
E6445	8/3	L	0.020		
E6446	3/1	H	0.020		
E6447	24/8	H	0.025	121	
E6448	10/14	H	0.035		
E6449	7/10	H	0.020		
E6450	10/2	H	0.015		
E6451	10/3	H	0.020		
E6452	11/3	H	0.020	121	
E6453	15/3	H	0.020		E6055
E6454	11/1	H	0.015		
E6455	10/10	H	0.015		
E6456	3/1	H	0.020		
E6457	3	L	0.020		E381
E6458	8/8	L	0.020		
E6459	11/3	H	0.020		E6452
E6460	4/4	H	0.025		
E6461	4/1	H	0.025		
E6462	4	H	0.025		
E6463	2/2	H	0.015		
E6464	23/23	H	0.030		

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
E6465	2/2	L	0.015		
E6466	1/1	H	0.015		
E6467	3	H	0.020	121	
E6468	3	H	0.020		
E6469	1	H	0.015		E159
E6470	3/3	L	0.020		
E6471	2/2	H	0.015		
E6472	2/1	H	0.015		
E6473	15/11	L	0.015		
E6474	10/10	L	0.015		
E6475	1	H	0.015		
E6476	3/3	H	0.020		
E6477	15/15	H	0.015		E1964
E6478	10/1	L	0.015		E958
E6479	11/14	H	0.035		E564
E6480	2/2	L	0.015		
E6481	3/3	H	0.020	69	
E6482	2/2	H	0.015		
E6483	3	H	0.020	121	
E6484	1/1	L	0.015		E1479
E6485	14	H	0.035		
E6486	2/1	L	0.015	121	
E6487	14	H	0.035		
E6488	1/1	H	0.015		
E6489	18/10	H	0.030		
E6490	15/10	H	Spl	95	
E6491	10/10	H	Spl	95	
E6492	1	H	0.015		E1387
E6493	4/16	H	0.025		
E6494	1/3	H	0.020		EA7
E6495	1/17	H	0.015		
E6496	3/3	H	0.020		EG6278
E6497	2/16	L	0.015		E1444
E6498	4/16	H	0.025		EA1
E6499	4/16	H	0.025		EA4
E6500	8/3	L	0.020		
F1	14/1	Spl	Spl	114	
F3	1	Spl	Spl	114	
F4	2/1	L	0.015		
F6	11/1	Spl	Spl	114	
F7	1	Spl	Spl	114	
F8	2	Spl	Spl	114	
F9	10/1	Spl	Spl	114	
F10	14/3	Spl	0.035	115	

SECTION 040-010-711

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
F11	1	L	0.015		
F12	1	L	0.015		
F13	1/1	H	0.015		
F14	3/3	L	0.020		
F15	2	L	0.015		
F16	1/1	H	0.015		
F17	3/2	H	0.020		
F18	8/10	L	0.020		T1
F19	8/7	L	0.020		T2
F20	3/2	L	0.020		
F21	3/2	H	0.020		
T1				121	
T2				121	
H1	2	L	0.015		
H2	3/3	H	0.020		
H3	11/14	H	0.035		H45
H4	2/1	H	0.015		
H5	3/1	H	0.020		
H6	1	L	0.015	121	
H7	7/7	L	0.020		
H8	9/14	H	0.035		
H10	3/3	H	0.020		
H11	11/3	L	0.020		
H12	8/10	L	0.020		
H13	7/3	L	0.020		
H14	8/3	H	0.020		
H16	1/1	H	0.015		H35
H17	14/2	H	0.035		
H18	14	H	0.035		
H19	1	H	0.015		
H20	1	L	0.015		
H21	1/1	H	0.015	63	
H22	11/1	H	0.015		
H23	14/14	H	0.035		
H24	1/1	L	0.015		
H25	1/1	H	0.015		
H26	1/1	H	0.015		
H27	1	H	0.015		
H28	1/1	H	0.015	63	
H29	3/3	L	0.020	121	
H30	14/1	H	0.035		
H31	10/2	L	0.015		
H32	1	Spl	0.015	70	
H33	1/1	Spl	0.015	71	

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
H34	10/3	L	0.020		
H35	1/1	H	0.015	121	
H36	12/7	H	0.035	121	
H37	1	L	0.015		
H38	8/11	H	0.020		
H39	2	H	0.015		
H40	11/3	H	0.020		
H41	12/7	H	0.035		H36
H42	9/3	H	0.035		
H43	11/14	H	0.035		
H44	1/1	H	0.015		
H45	11/14	H	0.035	121	
H46	1/1	L	0.015		
H47	11/3	H	0.020		
H48	23/12	H	0.035		
H49	14/14	H	0.035		
H50	2	H	0.015		
H51	7/3	H	0.020		
H52	1	H	0.015		
H53	11/2	H	0.015		
H54	1	H	0.015		
H55	2	H	0.015		
H56	2	H	0.015		
H57	1/1	H	0.015	121	
H58	4/1	H	0.025		
H59	3/3	H	0.020		
H60	2/1	H	0.015	121	
H61	1/1	L	0.015		
H62	2/1	H	0.015		H60
H63	1/1	L	0.015		
H64	11/14	H	0.035		
H65	1	H	0.015		H6
H66	3/1	H	0.020	121	
H67	3/1	H	0.020		H66
H68	11/1	H	0.015		
H69	3	H	0.020		
H70	11/3	H	0.020		
H71	1/1	H	0.015		
H72	15/3	H	0.020		
H73	1	H	0.015		H57
H74	1	H	0.015		
H75	8/8	H	0.020		
H76	4/1	L	0.025		
H77	1	H	0.015		

SECTION 040-010-711

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
H78	12/7	H	0.035		
H79	8/3	H	0.020		
H80	3/1	H	0.020		
H81	11/10	H	0.015		
H82	10/3	L	0.020		
H83	8/3	L	0.020		
H84	7/11	H	0.020		
H85	13/1	H	0.035		H66
H86	8/10	H	0.020		
H87	2/2	H	0.015		
H88	3/3	L	0.020		
H89	3/3	L	0.020		H29
H90	14/14	H	0.035		
H91	11/1	H	0.015		
H92	1/1	H	0.015		
H93	2	H	0.015		
H94	10/3	H	0.020		
H95	3/2	L	0.020		
H96	3/1	H	0.020		
H97	14	H	0.035		
H98	3	H	0.020		
H99	10/1	L	0.015		
H100	3/3	H	0.020		
H101	3/3	H	0.020		
H102	3/3	H	0.020		
H103	4	H	0.025		
H104	11/4	H	0.025		
H105	11/3	L	0.020		
H106	11/1	H	0.015		
H107	2/2	L	0.015		
H108	1/16	H	0.015		
H109	1/1	L	0.015		
H110	9/9	H	0.035		
H111	8/11	H	0.020		
H112	25/11	H	0.025		
H113	11/3	H	0.020		
H114	8/11	H	0.020		
H115	12/8	H	0.035		
H116	11/11	H	0.015		
H117	1/16	H	0.015		
H118	4/1	L	0.025		
H119	1/17	L	0.015		
H120	3/17	H	0.020		
H121	2/17	H	0.015		

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
H122	11/10	L	0.015		
H123	2/1	H	0.015		
H124	3/3	H	0.020		
H125	8/11	H	0.020		
J1	6			121	
J2	5			121	
J3	1			121	
J4	1				J28
J5	1				
J6	1				J3
J7	7			121	
J8	2				
J9	1				
J10	1				J3
J11	8				
J12	1				J28
J13	7				J7
J14	6				
J15	2				
J16	1				
J17	7				
J18	1				J28
J19	6				
J20	1			121	
J21	1				J35
J22	1				J3
J23	5				
J24	6				J1
J25	1				J20
J26	1				J3
J27	5				
J28	1			121	
J29	6				
J30	1				J28
J31	1				
J32	1				
J33	4				
J34	1				J28
J35	1			121	
J36	3				
J37	4				J60
J38	1				J3
J39	4				
J40	5				J2

SECTION 040-010-711

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
J60	4			121	
J61	5				
J62	5				
J63	1				D157081
R1	2/1	H	0.015	121	
R2	10/3	H	0.020		
R3	3/2	H	0.020		
R4	23/11	L	0.030		
R5	11/3	L	0.020		
R6	8/3	L	0.020		
R7	8/8	H	0.020		
R8	8/3	H	0.020		
R9	15/3	L	0.020	121	
R10	8/3	L	0.020		
R11	10/3	L	0.020		
R12	10/2	L	0.015		R9
R13	15/2	L	0.015		
R14	11/3	L	0.020		
R15	11/11	L	0.015		
R16	23/8	L	0.030		
R17	11/1	L	0.015		
R18	10/3	H	0.020		R1483
R19	11/3	L	0.020		R1123
R20	1	L	0.015		
R21	24/8	H	0.025		
R22	8/3	L	0.020		R600
R23	11/3	L	0.020		
R24	8	H	0.020		
R25	23/11	H	0.030		
R26	3	H	0.020		
R27	2	H	0.015	121	
R28	10/3	H	0.020		
R29	3/2	H	0.020		
R30	14/14	H	0.035		R190
R31	3	L	0.020		R891
R32	2/1	H	0.015		
R33	24/8	H	0.025		
R34	11/14	H	0.035		
R35	8/7	H	0.020		
R36	2/1	H	0.015		
R37	11/11	L	0.015		
R38	3	H	0.020		
R39	1	H	0.015		
R40	3	H	0.020		

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
R41	3	H	0.020		
R42	6/4	L	0.030		
R43	7/10	L	0.020	121	
R44	11/14	H	0.035		
R45	24/8	H	0.025	121	R45
R46	24/8	H	0.025		
R47	3/1	H	0.020		
R48	3/2	H	0.020		
R49	8/8	H	0.020		
R50	11/2	L	0.015		
R51	11/1	H	0.015		
R52	1/1	L	0.015		
R53	11/4	H	0.025		
R54	26/8	H	0.030		
R55	10/10	L	0.015		
R56	6/3	L	0.030		
R57	9/14	Spl	Spl	83	R6006
R58	33/32	H	0.020	69	
R59	25/10	L	0.025		R802
R60	11/11	H	0.015		
R61	9/9	H	0.035		
R62	3/3	H	0.020		
R63	3/2	L	0.020		R400
R64	11/1	L	0.015		
R65	24/24	H	0.025		
R66	9/9	H	0.035		
R67	3/1	H	0.020		
R68	8/8	L	0.020	121	
R69	2/1	H	0.015		R1
R70	1/1	H	0.015		
R71	8/3	H	0.020		
R72	7/3	H	0.020		
R73	1	L	0.015		
R74	8/8	H	0.020		R591
R75	9/9	Spl	0.035	85	
R76	23/23	H	0.030		
R77	9/9	H	0.035		
R78	15/10	L	0.015	121	
R79	8/8	H	0.020		R94
R80	25/8	L	0.025		
R81	8/3	H	0.020		
R82	11/11	H	0.015	121	
R83	24/8	H	0.025		
R84	3/3	H	0.020		R6011

SECTION 040-010-711

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
R85	10/3	H	0.020		
R86	10/10	H	0.015		
R87	8/7	L	0.020		
R88	2/2	L	0.015		
R89	23/23	H	0.030		
R90	26/21	H	0.030		
R91	8/3	H	0.020		
R92	29/24	H	0.025		
R93	9/8	H	0.035	121	
R94	8/8	H	0.020		
R95	29/23	H	0.030		
R96	11/11	H	0.015		
R97	3/3	L	0.020		
R98	18/1	H	0.030		
R99	11/3	H	0.020		
R100	21/8	H	0.030		
R101	3/1	H	0.020	121	R101
R102	3/1	H	0.020		
R103	11/4	H	0.025		
R104	3/3	H	0.020		
R105	9/14	H	0.035	86	
R106	23/15	H	0.030		
R107	13/14	H	0.035		
R108	7	Spl	0.020		
R109	26/24	H	0.030	121	R109
R110	3/1	H	0.020		
R111	26/24	H	0.030		
R112	8/7	H	0.020		
R113	8/3	H	0.020		R117
R114	24/5	H	0.030		
R115	15/3	L	0.020		
R116	10/2	H	0.015		
R117	8/7	L	0.020	121	
R118	23/22	H	0.030		
R119	12/8	H	0.035		
R120	29/24	H	0.025		
R121	26/26	H	0.030		
R122	24/8	H	0.025		
R123	37/36	H	0.025		
R124	8/11	H	0.020		
R125	8/10	H	0.020		
R126	24/23	H	0.030		
R127	35/29	H	0.025		
R128	35/24	H	0.025		

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
R129	8/8	H	0.020		
R130	4/1	H	0.025		
R131	3/3	H	0.020		
R132	3	H	0.020		
R133	14/14	H	0.035		
R134	8/3	H	0.020		
R135	15/10	L	0.015		
R136	38/32	H	0.030	69	R78
R137	7/11	L	0.020		
R138	3/3	H	0.020		
R139	23/8	H	0.030		
R140	8/3	H	0.020		
R141	8/7	H	0.020		
R142	3	H	0.020		
R143	1/1	H	0.015		
R144	9/15	H	0.035		
R145	8/3	H	0.020		
R146	11/3	H	0.020		
R147	26/22	H	0.030		
R148	8/3	H	0.020		
R149	10/1	H	0.015		
R150	8/14	H	0.035		
R151	8/3	H	0.020		
R152	3/2	H	0.020		
R153	9/11	H	0.035		R1851
R154	26/8	H	0.030		
R155	9/3	H	0.035		R1540
R156	3/3	H	0.020		
R157	11/3	L	0.020		R902
R158	3/2	H	0.020		
R159	18/14	H	0.035		
R160	1	H	0.015		
R161	1/1	H	0.015	121	
R162	11/3	H	0.020		
R163	23/8	H	0.030		
R164	15/10	H	0.015		
R165	1	L	0.015		
R166	11/11	H	0.015		
R167	15/11	L	Spl	42	
R168	23/15	L	0.030	81	R1779
R169	10/2	H	0.015		
R170	9/3	H	0.035		
R171	9/3	H	0.035		
R172	8/7	H	0.020		

SECTION 040-010-711

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
R173	11/10	L	0.015		
R174	9/11	H	0.035		
R175	8/11	L	0.020		
R176	1	H	0.015		
R177	23/8	H	0.030		
R179	11/1	H	0.015		
R180	1/1	H	0.015	121	
R181	8/3	H	0.020		
R182	29/26	H	0.030		R649
R183	1/1	H	0.015		R1207
R184	11/1	H	0.015		
R185	11	H	0.015		
R186	3/1	L	0.020		
R187	23/7	H	0.030		
R188	3/1	H	0.020		
R189	11/10	H	0.015		
R190	14/14	H	0.035	121	
R191	1	H	0.015		
R192	3/3	H	0.020		
R193	11/3	H	0.020		R1728
R194	30	Spl	0.015	84	
R195	13/3	H	0.035		
R196	8/8	H	0.020		
R197	23/23	H	0.030		
R198	9/8	L	0.035		
R199	12/12	H	0.035		
R200	29/7	H	0.025		
R201	24/23	L	0.030		
R202	1	L	0.015		
R203	26/7	L	0.030		
R204	11/14	H	0.035		
R205	1	L	0.015		R214
R206	10/3	H	0.020		
R207	3/1	H	0.020		R1507
R208	1	H	0.015		R473
R209	7/10	H	0.020		
R210	11/1	L	0.015		
R211	8/3	H	0.020		
R212	11/4	H	0.025		R1080
R213	24/3	H	0.025		
R214	3/3	H	0.020	121	
R215	22/12	L	0.035		
R216	12/3	H	0.035		
R217	11/11	H	0.015		

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
R218 R219 R220 R221	22/12 1 24/8 9/11	L L H H	0.035 0.015 0.025 0.035		R487
R222 R223 R224 R225	10/2 37 3/1 26/24	H H L L	0.015 0.025 0.020 0.030		
R226 R227 R228 R229	20/1 9/8 10/14 9/11	H L L L	0.040 0.035 0.035 0.035		
R230 R231 R232 R233	11/4 1/36 3/3 3	H H H H	0.025 0.015 0.020 0.020	121	
R234 R235 R236 R237	14/14 35/7 11/1 3/1	H H H H	0.035 0.025 0.015 0.020		
R238 R239 R240 R241	3 11/11 23/11 14/2	H H L L	0.020 0.015 0.030 0.035		
R242 R243 R244 R245	11/11 18/2 3/3 1	H H H H	0.015 0.030 0.020 0.015	69	
R246 R247 R248 R249	3 8/11 3/1 14/2	L H L H	0.020 0.020 0.020 0.035		R620
R250 R251 R252 R253	8/10 18/2 11/3 3/3	L H H H	0.020 0.030 0.020 0.020		
R254 R255 R256 R257	22/10 1 2/2 7/11	H L L L	0.030 0.015 0.015 0.020	121	
R258 R259 R260 R261	10/3 2 3 3/3	L H H H	0.020 0.015 0.020 0.020		R1477

SECTION 040-010-711

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
R262	8/3	H	0.020		R68
R263	11/11	L	0.015		
R264	9/11	H	0.035		
R265	3/1	L	0.020		
R266	1/1	L	0.015	69	
R267	1/1	H	0.015		
R268	32/32	H	0.020		
R269	8/7	H	0.020		
R270	10/10	L	0.015		
R271	9/7	H	0.035		
R272	14/1	H	0.035		
R273	11/3	H	0.020		
R274	9/8	L	0.035		
R275	24/22	H	0.030		
R276	23/11	H	0.030		
R277	3/3	H	0.020		
R278	26/8	H	0.030		
R279	15/11	H	0.015		
R280	25/8	H	0.025		
R281	2	H	0.015		
R282	10/10	H	0.015		
R283	14	H	0.035		
R284	1	L	0.015		
R285	5/1	H	0.030		
R286	3/3	H	0.020		
R287	29/26	H	0.030		
R288	35/26	H	0.030		
R289	26/8	H	0.030		
R290	25/15	H	0.025	121	
R291	1/1	H	0.015		
R292	1	H	0.015		
R293	11/11	L	0.015		
R294	1	H	0.015		
R295	1	H	0.015		
R296	3/1	H	0.020		
R297	11/11	H	0.015		
R298	8/11	H	0.020		
R299	3/3	L	0.020		
R300	15/3	H	0.020		
R301	3/2	H	0.020		
R302	11/3	H	0.020		
R303	1/1	H	0.015		
R304	11/4	H	0.025		
R305	18/5	H	0.030		

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
R306	8/8	H	0.020		
R307	4/1	H	0.025		
R308	3/3	H	0.020		
R309	3/1	H	0.020		
R310	10/3	H	0.020		
R311	14/1	H	0.035		
R312	8/20	H	0.040		
R313	2/1	H	0.015		
R314	10/1	H	0.015		R324
R315	3/1	L	0.020		
R316	8/8	L	0.020		
R317	8/7	L	0.020		
R318	3/3	H	0.020		
R319	11/1	H	0.015		
R320	3/1	L	0.020		
R321	8/8	L	0.020		
R322	8/8	H	0.020		
R323	3/3	H	0.020		
R324	8/3	L	0.020	121	R1626
R325	26/11	L	0.030		
R326	8/3	H	0.020	121	
R327	24/8	L	0.025		
R328	14/1	H	0.035		R326
R329	11/3	H	0.020		
R330	7/11	H	0.020		
R331	7/7	H	0.020	121	
R332	2/1	H	0.015		
R333	1	L	0.015		
R334	6/1	H	0.030		
R335	8/18	H	0.030		
R336	8/8	H	0.020		
R337	8/8	H	0.020		
R338	11/10	H	0.015		
R339	8/15	H	0.020		
R340	1	L	0.015		R435
R341	1/1	H	0.015		
R342	2/2	H	0.015		
R343	3/2	H	0.020	121	
R344	8/3	H	0.020		
R345	24/9	L	0.035		
R346	24/8	L	0.025		R68
R347	8/3	H	0.020		
R348	11/3	L	0.020		
R349	24/8	L	0.025		

SECTION 040-010-711

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
R350	8/3	H	0.020		
R351	11/1	H	0.015		
R352	3/1	H	0.020		
R353	8/3	H	0.020		
R354	11/3	H	0.020		
R355	8/11	L	0.020		
R356	1	H	0.015		R673
R357	1/1	H	0.015		
R358	3/3	L	0.020		
R359	11/1	H	0.015		
R360	11/1	H	0.015		
R361	3	L	0.020		R1304
R363	26/26	H	0.030		
R364	8/3	H	0.020		
R365	35/10	H	0.025		
R366	10/1	L	0.015		
R367	26/26	H	0.030		
R368	15/10	L	0.015		
R369	21/18	H	0.030		
R370	14/3	H	0.035		
R371	8/3	H	0.020		
R372	3	H	0.020		
R373	2/2	H	0.015		
R374	3/1	L	0.020		
R375	3	H	0.020		
R376	35/7	H	0.025		
R377	35/29	H	0.025		
R378	9/7	H	0.035		
R379	11/14	H	0.035		
R380	9/7	H	0.035		
R381	24/8	L	0.025		
R382	8/11	L	0.020		
R383	24/3	H	0.025		
R384	3	H	0.020		
R385	10/1	H	0.015		
R386	23/11	H	0.030		R1535
R387	3/3	H	0.020		
R388	3/1	H	0.020		
R389	11/2	L	0.015		
R390	11/3	L	0.020		
R391	22/5	H	0.030		
R392	14/2	H	0.035		
R393	3	H	0.020		
R394	9/14	H	0.035		

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
R395	23/8	H	0.030		R1021
R396	7/7	H	0.020		
R397	3	L	0.020		
R398	5/3	L	0.030		
R400	3/2	H	0.020	121	R854
R401	1/1	H	0.015		
R402	3	H	0.020		
R403	1/1	H	0.015		
R404	1	H	0.015		
R405	11/3	H	0.020		
R406	9/8	H	0.035		
R407	1	L	0.015		
R408	3/1	L	0.020		
R409	8/3	H	0.020		
R410	3/1	H	0.020		
R411	7/3	H	0.020		
R412	2/1	H	0.015		
R413	8/10	L	0.020		
R414	22/4	H	0.030		
R415	8/11	H	0.020		
R416	3/3	H	0.020		
R417	11/10	H	0.015		
R418	11/1	L	0.015		
R419	7/10	H	0.020		
R420	4	H	0.025		
R421	1/1	H	0.015		
R422	7/7	H	0.020		
R423	11/3	H	0.020		
R424	5/1	H	0.030		
R425	15/10	L	0.015		
R426	11/1	H	0.015		
R427	3/3	H	0.020		
R428	3/1	H	0.020		
R429	3	L	0.020		
R430	8/7	H	0.020		
R431	24/23	H	0.030		
R432	1	H	0.015		
R433	8/3	H	0.020		
R434	9/3	H	0.035		
R435	11/3	H	0.020	121	
R436	3	H	0.020		
R437	11/1	H	0.015		
R438	24/14	H	0.035		
R439	8/7	H	0.020		

SECTION 040-010-711

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
R440	2	H	0.015		
R441	14/1	H	0.035		
R442	24/3	H	0.025		
R443	11/3	L	0.020		
R444	8/8	L	0.020	69	
R445	1	H	0.015		
R446	8/11	H	0.020		R1016
R447	1	H	0.015		
R448	11/10	H	0.015		
R449	26/10	H	0.030		
R450	8/7	H	0.020		
R451	9/8	H	0.035		
R452	11/3	H	0.020		
R453	14/1	H	0.035		
R454	1	H	0.015		
R455	15/3	H	0.020		R1203
R456	11/3	L	0.020		
R457	8/3	L	0.020		
R458	3/3	H	0.020		
R459	3	L	0.020		
R460	26/10	H	0.030		
R461	3/2	H	0.020	121	
R462	3	H	0.020		
R463	26/10	H	0.030		
R464	15/11	H	0.015		
R465	35/26	H	0.030		
R466	9/10	H	0.035		
R467	29/4	H	0.025		
R468	1/1	L	0.015		
R469	11/3	H	0.020		
R470	3/1	L	0.020		
R471	8/3	H	0.020		
R472	11/3	L	0.020		
R473	1	L	0.015	121	
R474	14/3	H	0.035		
R475	7/7	H	0.020		
R476	1/1	H	0.015		
R477	1	H	0.015		
R478	10/3	H	0.020		
R479	2/1	L	0.015		R652
R480	8/10	H	0.020		
R481	15/15	H	0.015		
R482	11/1	H	0.015		
R483	3/3	H	0.020		R722

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
R484	3/3	H	0.020		
R485	3	H	0.020		
R486	15/1	H	0.015		
R487	24/8	H	0.025	121	
R488	1	H	0.015		
R489	2/1	H	0.015		
R490	9/9	H	0.035		
R491	24/12	L	0.035		
R492	26/26	H	0.030		
R493	4	L	0.025		
R494	8/3	L	0.020		
R495	40/35	H	0.030		
R496	26/26	H	0.030		
R497	12/11	H	0.035		
R498	2/1	H	0.015		
R499	29/23	H	0.030		R1616
R500	23/11	L	0.030		
R501	8/10	H	0.020		
R502	15/11	H	0.015		
R503	10/2	H	0.015		R910
R504	10/2	H	0.015		
R505	1/1	H	0.015		
R506	7/3	H	0.020		
R507	23/10	H	0.030		
R508	8/3	H	0.020		
R509	11/1	L	0.015		
R510	1	H	0.015		
R511	9/14	H	0.035		R68
R512	1	H	0.015		
R513	31/1	H	0.015	63	
R514	11/3	H	0.020		
R515	1/1	H	0.015		
R516	21/9	H	0.035		
R517	15/2	H	0.015		
R518	8/1	H	0.020		
R519	8/3	H	0.020		R1238
R520	10/2	H	0.015		
R521	1	L	0.015		
R522	2/2	H	0.015		
R523	1	L	0.015		
R524	15/10	L	0.015		
R525	23/10	H	0.030		
R526	3/1	H	0.020		
R527	11/3	H	0.020		

SECTION 040-010-711

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
R528	3/1	H	0.020		
R529	15/3	H	0.020		
R530	1	H	0.015		
R531	8/11	H	0.020		
R532	11/1	H	0.015		
R533	10/10	H	0.015		
R534	10/1	H	0.015		
R535	8/11	H	0.020		
R536	8/14	H	0.035		
R537	1/1	H	0.015		
R538	1	H	0.015		
R539	8/11	H	0.020		
R540	23/11	H	0.030		
R541	10/1	L	0.015		
R542	10/3	L	0.020		
R543	1	H	0.015		
R544	7/3	H	0.020		
R545	1/1	L	0.015		
R546	2	H	0.015		
R547	3/2	H	0.020		
R548	9/11	L	0.035		
R549	14/2	L	0.035		
R550	1	L	0.015		
R551	7/37	H	0.025		
R552	24/3	H	0.025		
R553	3/1	L	0.020		
R554	9/9	H	0.035		
R555	1/1	H	0.015		
R556	26/8	H	0.030		
R557	26/23	H	0.030		
R558	26/23	H	0.030		
R559	10/10	H	0.015		
R560	24/8	H	0.025		
R561	14	H	0.035		
R562	3	H	0.020		
R563	11/3	H	0.020		
R564	8/3	H	0.020		
R565	15/10	H	0.015		
R566	2/2	H	0.015		
R567	10/2	H	0.015	121	
R568	9/7	H	0.035		
R569	1	H	0.015		
R570	11/3	L	0.020		
R571	10/1	L	0.015		

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
R572	3/2	H	0.020		
R573	23/11	L	0.030		
R574	26/24	H	0.030		
R575	23/11	H	0.030		
R576	11/11	H	0.015		
R577	11/3	L	0.020		
R578	11/10	H	0.015		
R579	15	H	0.015		
R580	35/7	H	0.025		
R581	2/2	L	0.015		
R582	11/3	H	0.020		
R583	3/1	H	0.020		
R584	24/4	H	0.025		
R585	18/1	L	0.030		
R586	23/23	L	0.030		
R587	8/8	H	0.020		
R588	8/7	H	0.020		
R589	8/3	H	0.020		
R590	24/8	H	0.025		
R591	8/8	H	0.020	121	
R592	25/11	L	0.025		
R593	7/10	H	0.020		R784
R594	24/8	H	0.025		
R595	7/14	L	0.035		
R596	11/10	L	0.015		
R597	1/1	L	0.015		
R598	8/3	H	0.020		
R599	12/7	H	0.035		
R600	8/3	H	0.020	121	
R601	11/11	L	0.015		
R602	29/4	H	0.025		
R603	1	H	0.015	121	
R604	11/2	H	0.015		
R605	24/8	H	0.025		
R606	11/3	L	0.020		
R607	11/3	L	0.020		
R608	8/3	H	0.020		
R609	21/22	H	0.030		
R610	3/2	L	0.020	121	
R611	7/7	H	0.020		
R612	3/3	H	0.020		
R613	14/2	L	0.035		
R614	14/2	H	0.035		
R615	2	H	0.015		

SECTION 040-010-711

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
R616	8/8	H	0.020		
R618	11/10	H	0.015		
R619	7/20	H	0.040		
R620	3/1	L	0.020	121	
R621	1/1	L	0.015		
R622	1	L	0.015		
R623	3/1	L	0.020		
R624	8/7	H	0.020	69	
R625	23/10	H	0.030		
R626	8/1	H	0.020		
R627	20/1	H	0.040		
R628	23/23	H	0.030	121	
R629	1	H	0.015		
R630	1/1	L	0.015		
R631	1/1	H	0.015		
R632	11/1	H	0.015		
R633	11/1	H	0.015		
R634	1	H	0.015		
R635	3	L	0.020		
R636	22/11	H	0.030		
R637	14/14	H	0.035		
R638	32/32	H	0.020	69	
R639	24/3	H	0.025		
R640	37/2	H	0.025		
R641	7	H	0.020		R43
R642	11/1	H	0.015		
R643	24/9	H	0.035		
R644	15/11	H	0.015		
R645	23/8	H	0.030		
R647	24/2	H	0.025		
R648	14/2	H	0.035		
R649	29/26	H	0.030	121	
R650	14/2	L	0.035		
R651	1	L	0.015		R292
R652	1	H	0.015	121	
R653	12/12	H	Spl	88	
R654	9/7	H	0.035	23	
R655	3	L	0.020		
R656	3/3	H	0.020		
R657	3	H	0.020		
R658	10/3	H	0.020		
R659	32/32	H	0.020	69	
R660	12/15	H	0.035		
R661	3/2	H	0.020		

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
R662	2/1	H	0.015		R620
R663	26/12	L	0.035		
R664	29/23	H	0.030		
R665	8/7	H	0.020		
R666	11/4	H	0.025		R230
R667	14/1	H	0.035		
R668	23/9	L	0.035		
R669	12/14	L	0.035		
R670	3/1	L	0.020		R180
R671	5/1	H	0.030		
R672	1/1	H	0.015		
R673	1	L	0.015	121	
R674	24/8	H	0.025	89	
R675	11/11	H	0.015		
R676	1/1	Spl	0.015	90	
R677	18/2	H	0.030		
R678	1/1	L	0.015		
R679	11/14	H	0.035		
R680	8/5	H	0.030		
R681	15/11	H	0.015		
R682	14	H	0.035		
R683	15/3	H	0.020		
R684	14/1	H	0.035		
R685	3/2	H	0.020		
R686	21/12	H	0.035		63
R687	3	H	0.020		
R688	7/2	H	0.020		
R689	31/31	H	0.015		
R690	1	H	0.015		R1114
R691	29/9	H	0.035		
R692	8/3	H	0.020		
R693	26/23	H	0.030		
R694	26/33	H	0.030		
R695	15/3	H	0.020		
R696	7/10	H	0.020		
R697	14/2	H	0.035		
R698	3/1	H	0.020		R1732
R699	3/2	H	0.020		
R700	26/24	H	0.030		
R701	15/1	H	0.015		
R702	3/3	H	0.020		
R703	10/1	H	0.015		
R704	24/3	H	0.025		
R705	15/11	H	0.015		

SECTION 040-010-711

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
R706	11/14	H	0.035		
R707	26/8	H	0.030		
R708	1/1	L	0.015		
R709	2/1	H	0.015		
R710	11/1	L	0.015		R746
R711	21/21	H	0.030		R257
R712	2/1	H	0.015		
R713	22/8	L	0.030		
R714	3/2	H	0.020		
R715	1/1	L	0.015		
R716	37/2	L	0.025		
R717	3/3	H	0.020		
R718	15/14	H	0.035		
R719	11/3	H	0.020		
R720	11/3	L	0.020		
R721	11/1	H	0.015		
R722	15/15	H	0.015	121	
R723	24/3	H	0.025		
R724	1	L	0.015		
R725	10/3	H	0.020		R461
R726	8/7	L	0.020		
R727	14/3	L	0.035	108	
R728	2/2	H	0.015		
R729	3/3	H	0.020		
R730	2/1	L	0.015		
R731	3/2	L	0.020		
R732	1/1	L	0.015		
R733	3	H	0.020		
R734	10/3	L	0.020		
R735	9/15	H	0.035		
R736	15/10	H	0.015		R1320
R737	18	H	0.030		
R738	2	L	0.015		
R739	3	L	0.020		R806
R740	7/14	H	0.035		
R741	3/3	H	0.020		
R742	1	L	0.015		
R743	7/14	H	0.035		
R744	15/2	H	0.015		
R745	1/1	H	0.015	121	
R746	11/1	L	0.015	121	
R747	3/3	H	0.020		
R748	8/11	L	0.020		R2028
R749	2	H	0.015		

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
R750	8/5	L	0.030		
R751	1	L	0.015		
R752	1/1	H	0.015		
R753	12/7	L	0.035	121	
R754	12/7	L	0.035		
R755	8/14	H	0.035		
R756	8/8	L	0.020		
R757	24/8	L	0.025		
R758	3/3	L	0.020		
R759	2	L	0.015		R1041
R760	18/18	H	0.030		
R761	3/1	H	0.020		
R762	33/32	H	0.020	69	
R763	24/13	H	0.035		
R764	24/8	H	0.025		
R765	1/1	H	0.015		R161
R766	24/13	L	0.035		
R767	23/9	H	0.035		
R768	1/1	L	0.015		
R769	29/25	H	0.025		
R770	2/2	H	0.015		
R771	10/1	H	0.015		
R772	15/3	L	0.020		
R773	35/36	L	0.030		
R774	11/10	L	0.015		
R775	3/3	H	0.020		
R776	1	Spl	0.015	91	
R777	1/1	Spl	0.015	90	
R778	2/1	H	0.015		
R779	15/10	H	0.015		
R780	26/15	H	0.030		
R781	1/1	H	0.015		
R782	1/1	H	0.015		
R783	2/1	H	0.015		
R784	7/10	H	0.020	121	
R785	2/1	H	0.015		
R786	24/8	H	Spl	92	R985
R787	3/1	L	0.020		
R788	1/1	H	0.015		
R789	3	H	0.020		R1052
R790	14/1	H	0.035		
R791	43/15	H	0.030		
R792	10/3	H	0.020		
R793	11/3	H	0.020		

SECTION 040-010-711

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
R794	1/1	H	0.015		
R795	26/12	H	0.035		
R796	3/1	L	0.020		
R797	10/2	L	0.015		R1849
R798	22/11	H	0.030		
R799	14/2	L	0.035		
R800	24/23	H	0.030		
R801	24/7	L	0.025		
R802	11/11	H	0.015	121	
R803	26/42	L	0.040		
R804	8/10	H	0.020		
R805	24/3	H	0.025		
R806	3	H	0.020	121	
R807	8/1	H	0.020		
R808	3/3	H	0.020		
R809	10/14	H	0.035		
R810	8/8	H	0.020		
R811	2	H	0.015		
R812	23/11	H	0.030		
R813	26/8	H	0.030		
R814	31	H	0.015	63	
R815	39/39	L	0.015	63	
R816	26/42	L	0.040		
R817	1/1	H	0.015		
R818	24/21	H	0.030		
R819	24/7	H	0.025		
R820	3/1	H	0.020		
R821	8/11	L	0.020		
R822	3	H	0.020		
R823	14/3	H	0.035		
R824	3	L	0.020		
R825	1/1	H	0.015		
R826	24/6	L	0.030		
R827	14/14	H	0.035		
R828	20/3	H	0.040		
R829	14/2	H	0.035		
R830	24/3	H	0.025		R1549
R831	2/2	H	0.015		
R832	12/7	H	0.035		
R833	7/15	H	0.020		
R834	26/24	L	0.030		
R835	24/3	L	0.025		
R836	24/6	H	0.030		
R837	11/1	L	0.015		

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
R838	7/7	H	0.020		
R839	6/2	H	0.030		
R840	3/1	H	0.020		
R841	35/7	L	0.025		
R842	11/3	H	0.020		
R843	3	H	0.020		
R844	24/8	H	0.025		
R845	1	L	0.015		
R846	10/3	H	0.020		
R847	26/42	L	0.040		
R848	3/1	L	0.020		
R849	11/1	L	Spl	109	
R850	10/14	H	0.035		
R851	8/7	H	0.020		
R852	8/14	L	0.035		
R853	8/10	L	0.020		R1502
R854	1/1	H	0.015	121	
R855	10/3	L	0.020		
R856	8/7	H	0.020		
R857	21/21	H	0.030		
R858	18/11	H	0.030		
R859	24/18	H	Spl	93	
R860	1/1	L	0.015		
R861	2/1	H	0.015		
R862	12/15	L	0.035		
R863	11/3	L	0.020		
R864	26/11	L	0.030		
R865	15/2	L	0.015	121	
R866	12/14	H	0.035		
R867	6/1	H	0.030		
R868	20/15	H	0.040		
R869	8/4	H	0.025		
R870	23/23	L	0.030		
R871	24/14	L	0.035		
R872	11/11	L	0.015		
R873	24/44	L	0.040		
R874	31	H	0.015	63	
R875	1	H	0.015		
R876	24/18	H	0.030		
R877	18	H	0.030		
R878	29/8	H	0.025		
R879	24/5	H	0.030		
R880	2/1	H	0.015		
R881	5	L	0.030		

SECTION 040-010-711

RELAY CODE	FIG. NO.	CONT. PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
R882	10/1	H	0.015		
R883	25/15	H	0.025		
R884	11/3	H	0.020		
R885	22/7	H	0.030		
R886	26/7	H	0.030		R603
R887	1	H	0.015		
R888	23/23	H	0.030		
R889	26/23	H	0.030		
R890	8/3	H	0.020	121	
R891	3	H	0.020		
R892	1/1	L	0.015		
R893	11/10	H	0.015		
R894	3/1	L	0.020		
R895	24/8	H	0.025		
R896	3/1	H	0.020		
R897	12/8	L	0.035		
R898	3/1	H	0.020		
R899	11/1	L	0.015		
R900	1/1	H	0.015		
R901	7/4	H	0.025		
R902	8/3	H	0.020	121	
R903	15/1	H	0.015	65	
R904	12/15	H	0.035		
R905	12/11	H	0.035		
R906	8/11	L	0.020		
R907	14/3	L	0.035		
R908	3/1	H	0.020		
R909	23/8	H	0.030		
R910	15/11	H	0.015	121	
R911	3/2	H	0.020		
R912	3	H	0.020		
R913	1/1	H	0.015		
R914	11/1	H	Spl	110	
R915	3/1	H	0.020		
R916	4/1	H	0.025		
R917	11/11	H	0.015		
R918	9/18	H	0.035		R1011
R919	1	H	0.015		
R920	3/1	H	0.020		
R921	29/26	H	0.030		
R922	23/42	H	0.040		
R923	3/3	H	0.020		
R924	24/44	H	0.040		
R925	24/18	H	0.030		

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
R926	24/8	H	0.025		
R927	3/1	H	0.020		
R928	24/8	L	0.025		
R929	10/14	H	0.035		
R930	23/22	L	0.030		
R931	22/1	H	0.030		
R932	24/8	L	0.025		
R933	24/5	L	0.030		
R934	3/3	H	0.020		
R935	14/1	H	0.035		
R936	11/1	H	0.015		
R937	3/1	L	0.020		R1176
R938	9/18	H	0.035		
R939	29/24	H	0.025		
R940	41/20	H	0.040		
R941	5	H	0.030		
R942	10/10	L	0.015		
R943	13/14	H	0.035		
R944	25/3	H	0.025		
R945	2	H	0.015		
R946	1	L	0.015		
R947	2/1	H	0.015	121	
R948	35/9	H	0.035		
R949	8/1	L	0.020		
R950	26/9	L	0.035	94	
R951	10/1	H	0.015		
R952	1/1	H	0.015		
R953	2/1	H	0.015		
R954	3/2	H	0.020		R343
R955	10/2	H	0.015		
R956	8/11	H	0.020		
R957	10/1	H	0.015		
R958	7/7	H	0.020		R331
R959	2	H	0.015		
R960	2/1	H	0.015		
R961	3/2	L	0.020		
R962	2	H	0.015		
R963	3	H	0.020		
R964	3/2	L	0.020		R610
R965	2/2	H	0.015		
R966	35/26	H	0.030		
R967	10/3	H	0.020		
R968	9/9	L	0.035		
R969	14/14	H	0.035		

SECTION 040-010-711

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
R970	29/4	H	0.025		R292
R971	1	H	0.015		
R972	3/3	L	0.020		
R973	3/3	H	0.020		
R974	14	H	0.035		
R975	14/14	H	0.035		
R976	1	H	0.015		
R977	15/11	L	0.015		
R978	1	H	0.015		R947
R979	23/3	H	0.030		
R980	2/1	H	0.015		
R981	35/12	H	0.035		
R982	7/10	H	0.020		R753
R983	3/1	H	0.020		
R984	3/1	H	0.020		
R985	24/8	H	0.025	121	
R986	2/1	H	0.015		
R987	8/3	H	0.020		
R988	11/11	H	0.015		
R989	11/1	L	0.015		
R990	1	H	0.015		
R991	8/3	H	0.020		
R992	3/3	L	0.020		
R993	11/1	L	0.015		
R994	26/8	H	0.030		
R995	1/1	H	0.015		
R996	21/21	H	0.030		
R997	26/8	H	0.030		
R998	11/3	L	0.020		
R999	4/4	L	0.025		
R1000	26/10	H	0.030		
R1001	11/14	L	0.035		
R1002	1/1	H	0.015		
R1003	23/7	H	0.030		
R1004	14/2	L	0.035		
R1005	12/15	H	0.035		
R1006	14/36	H	0.035		R1126
R1007	3/30	L	0.020	121	
R1008	1/1	H	0.015		
R1009	7/7	H	0.020		
R1010	10/2	H	0.015		R567
R1011	11/3	H	0.020	121	
R1012	8/3	H	0.020		
R1013	24/8	H	0.025		

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
R1014	11/2	H	0.015		
R1015	8/7	H	0.020		
R1016	8/8	H	0.020	121	
R1017	3/1	H	0.020		
R1018	3/3	H	0.020		
R1019	9/4	H	0.035		
R1020	3	H	0.020		
R1021	23/8	H	0.030	121	
R1022	3/3	H	0.020	69	
R1023	2/2	H	0.015		
R1024	1	H	0.015		
R1025	8/3	H	0.020		
R1026	7/10	H	0.020		
R1027	11/1	H	0.015		
R1028	3/1	H	0.020		
R1029	3/1	H	0.020		
R1030	7/4	L	0.025		
R1031	24/24	L	0.025		
R1032	40/11	H	0.030		
R1033	10/10	L	0.015		
R1034	11/4	L	0.025		
R1035	10/37	H	0.025		
R1036	23/11	H	0.030		
R1037	3/3	H	0.020		
R1038	8/7	H	0.020		
R1039	9/10	L	0.035		
R1040	3/30	L	0.020		R1007
R1041	2	H	0.015	121	
R1042	11/1	H	0.015	121	
R1043	8/11	H	0.020		
R1044	11/11	H	0.015		R82
R1045	23/8	H	0.030		
R1046	10/1	H	0.015		
R1047	26/23	H	0.030		
R1048	2/1	H	0.015		
R1049	10/4	H	0.025		
R1050	1	H	0.015		
R1051	2	H	0.015		R27
R1052	1/1	H	0.015	121	
R1053	23/23	H	0.030		R628
R1054	7/15	H	0.020		
R1055	35/35	H	0.025		
R1056	11/1	H	0.015		
R1057	8/15	H	0.020		

SECTION 040-010-711

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
R1058	1/1	L	0.015		R1042
R1059	11/10	H	0.015		
R1060	9/14	H	0.035		
R1061	11/1	H	0.015		
R1062	2	L	0.015		
R1063	4/36	H	0.025		
R1064	3/1	H	0.020		
R1065	8/8	L	0.020		
R1066	4/1	H	0.025		
R1067	24/24	H	0.025		
R1068	1/1	H	0.015		
R1069	3/2	H	0.020		
R1070	1	L	0.015		
R1071	4/4	H	0.025		
R1072	41/15	H	0.030		
R1073	1	H	0.015		
R1074	24/45	L	0.030		
R1075	3	H	0.020		
R1076	14/14	H	0.035		
R1077	1	H	0.015		
R1078	41/15	H	0.030	121	
R1079	2/1	H	0.015		
R1080	23/11	L	0.030		
R1081	22/4	L	0.030		
R1082	9/8	L	0.035		
R1083	11/2	L	0.015		
R1084	8/11	H	0.020		
R1085	23/22	L	0.030		
R1086	2	H	0.015		
R1087	3/2	L	0.020		
R1088	10/2	H	0.015		
R1089	7/3	H	0.020		
R1090	11/3	H	0.020		
R1091	7/7	H	0.020		
R1092	42	H	0.040		
R1093	7/15	H	0.020		
R1094	14/3	H	0.035		
R1095	42/3	H	0.040		
R1096	1	H	0.015		
R1097	3/2	L	0.020		
R1098	8/3	L	0.020	121 111	
R1099	10/10	H	0.015		
R1100	15/10	H	Spl		
R1101	8/3	L	0.020		

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
R1102	2/1	H	0.015		
R1103	10/2	L	0.015		
R1104	1	H	0.015		
R1105	10/1	H	0.015		
R1106	13/14	H	0.035		
R1107	1	H	0.015		
R1108	4/3	H	0.025		
R1109	35/7	H	0.025		
R1110	9/7	H	0.035		
R1111	35/7	H	0.025		
R1112	8/7	L	0.020		
R1113	8/7	L	0.020		
R1114	8/7	H	0.020	121	
R1115	29/24	H	0.025		
R1116	25/7	L	0.025		
R1117	3/1	H	0.020		
R1118	14/3	H	0.035		
R1119	7/2	H	0.020		
R1120	11/3	H	0.020		
R1121	2/1	H	0.015		
R1122	1	H	0.015	121	
R1123	11/3	H	0.020		
R1124	11/2	H	0.015		
R1125	7/10	H	0.020		
R1126	14/1	H	0.035	121	
R1127	14	H	0.035		
R1128	24/24	H	0.025		
R1129	43/15	H	0.030		
R1130	11/10	L	0.015		
R1131	15/2	H	0.015		R865
R1132	15/15	H	0.015		
R1133	1/1	H	0.015		R180
R1134	26/8	H	0.030		
R1135	26/23	H	0.030		
R1136	26/24	H	0.030		
R1137	8/11	H	0.020		
R1138	8/8	L	0.020		
R1139	10/10	H	0.015		
R1140	35/12	L	0.035		
R1141	22/22	H	0.030		
R1142	23/11	L	0.030		
R1143	8/3	H	0.020		
R1144	10/10	H	0.015		R1099
R1145	22/4	H	0.030		

SECTION 040-010-711

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
R1146	3/1	H	0.020		
R1147	14	H	0.035		
R1148	15/14	H	0.035		
R1149	11/11	H	0.015		
R1150	8/8	H	0.020		
R1151	24/7	H	0.025		
R1152	8/8	H	0.020		
R1153	15/3	H	0.020		
R1154	23/23	H	0.030		R628
R1155	23/23	H	0.030		R628
R1156	4/3	L	0.025		
R1157	23/7	H	0.030		
R1158	4/1	H	0.025		
R1159	3	H	0.020		
R1160	1/36	H	0.015		R745
R1176				121	
R1203				121	
R1207				121	
R1238				121	
R1304				121	
R1320				121	
R1477				121	
R1483				121	
R1502				121	
R1507				121	
R1535				121	
R1540				121	
R1549				121	
R1616				121	
R1626				121	
R1728				121	
R1732				121	
R1779				121	
R1849				121	
R1851				121	
R2028				121	
R6006				121	
R6011				121	
R6012	8/14	H	0.035		
R6013	11/11	L	0.015		
R6014	3/1	L	0.020		
R6015	18/1	H	0.030		
R6016	15/10	L	0.020		
R6017	2/1	H	0.015		

RELAY CODE	FIG. NO.	CONT PRESS.	ARM. TRAVEL IN INCHES	SEE TEST NOTE	REPLACING RELAY CODE
R6018	48/48	H	0.035		
R6019	1/1	L	0.015		
R6021	1/16	H	0.015		
R6023	1/8	H	0.020		
R6024	2/2	L	0.015		
R6025	23/23	L	0.030		
R6026	1/1	H	0.020		
R6027	37/16	Spl	0.030	123	
R6028	3/1	H	0.020		
R6029	9/1	H	0.035		
R6030	8/3	H	0.020		
R6031	1/1	Spl	0.020	122	
R6032	1/1	L	0.015		
R6022	46/10	L	0.030		

RELAY CODE	FIG. NO.	SEE TEST NOTE	REPLACING RELAY CODE
149-A	D		
149-B	D		
149-C	A		
149-D	A		
149-E	D		
149-F	A		
149-G	D		
149-H	A		
149-J	A		
149-K	A		
149-L	D		
149-M	A		
149-N	B		
149-P	A		149CE
149-R	A		
149-S	A		
149-T	B		
149-U	B		178BM
149-W	X		
149-Y	B		149CB

RELAY CODE	FIG. NO.	SEE TEST NOTE	REPLACING RELAY CODE
149-AA	D		
149-AB	A		
149-AC	A		
149-AD	A		
149-AE	B		
149-AF	C	97,121	
149-AG	C		149BR
149-AH			
149-AL	A		
149-AM	D		
149-AN	B		
149-AP	D	113	
149-AR	A	121	
149-AS	A		
149-AT	C	98	149CJ
149-AU	A		
149-AW	C		
149-AY	C		149CM
149-BA	C		
149-BB	C	121	

SECTION 040-010-711

RELAY CODE	FIG. NO.	SEE TEST NOTE	REPLACING RELAY CODE
149-BC 149-BD 149-BE 149-BB	A A A C		149CE 149BB
149-BG 149-BH 149-BJ 149-BK	B A C A	100	149AR 149AF
149-BL 149-BM 149-BN 149-BP	A A A A		149CE 149CE
149-BR 149-BS 149-BT 149-BU	C A D A	101,121	149AR 149CE
149-BW 149-BY 149-CA 149-CB	C B B B	112 99 99 99,121	149CJ 149CB 149CC
149-CC 149-CD 149-CE 149-CF	B B A A	99,121 121	178EB 149AR
149-CG 149-CJ 149-CM 149-CN	A A A C	112 121 121	149AR 149CE
149-CP 149-CR	C C		149CE
162-A 162-B	H M	121	
162-C 162-D 162-E 162-F	M H H H		
162-G 162-H 162-J 162-K	G H H H		
162-L 162-M 162-N 162-P	H H H H		162AU

RELAY CODE	FIG. NO.	SEE TEST NOTE	REPLACING RELAY CODE
162-R 162-S 162-T 162-U	H H M H	121	
162-W 162-Y 162-AA 162-AB	H H H M		162R 162B
162-AC 162-AD 162-AE 162-AF	H H M M	121 117	162AU
162-AG 162-AH 162-AJ 162-AK	H M H H	118	162AR
162-AL 162-AM 162-AN 162-AP	H M H H		162AD 162AU 162AD
162-AR 162-AS 162-AU 178-A	M H E/E	121 121	
178-B 178-D 178-E 178-F	E/E F/F E/E E/E		178EF
178-G 178-H 178-J 178-K	B/B B/B F/F F/F		
178-L 178-M 178-N 178-P	C/C C/F C/F C/F		
178-R 178-S 178-T 178-U	F/F F/F C/C E/E		178EF
178-W 178-AA 178-AB 178-AC	B/B A/E A/A E/E	121	

RELAY CODE	FIG. NO.	SEE TEST NOTE	REPLACING RELAY CODE
178-AD 178-AE 178-AF 178-AG	C/C C/F D/D C/C	103 97	178CM
178-AH 178-AJ 178-AK 178-AL	C/C C/C C/C L/L	102 102	178BW
178-AM 178-AS 178-AT 178-AU	M/M F/F E/E D/D		178CM
178-AW 178-AY 178-BA 178-BB	D/D F/F C/C F/F		
178-BC 178-BD 178-BE 178-BF	E/E F/F F/F F/F		178EF
178-BG 178-BH 178-BJ 178-BK	C/C C/C D/D D/D	121 121	
178-BL 178-BM 178-BN 178-BP	F/F C/C F/F E/E	121	178EF 178DT
178-BR 178-BS 178-BT 178-BU	A/E C/C F/F F/F	121	178DB 178BT
178-BW 178-BY 178-CA 178-CB	C/C A/A A/A C/C	121	178BG
178-CC 178-CD 178-CE 178-CF	C/C F/F C/C D/D	121	178CE 178EF

RELAY CODE	FIG. NO.	SEE TEST NOTE	REPLACING RELAY CODE
178-CG 178-CH 178-CJ 178-CK	F/F F/F A/A C/C		178DT 178BW
178-CL 178-CM 178-CN 178-CP	C/C D/D E/E C/C	103 121 102	178BW
178-CR 178-CS 178-CT 178-CU	D/D C/C M/M D/F	107	178BW
178-CW 178-CY 178-DA 178-DB	C/C C/C A/A C/C	102 106 121	178BW
178-DC 178-DD 178-DE 178-DG	E/E A/A F/F F/F		178DT
178-DH 178-DJ 178-DK 178-DL	D/D C/C B/B F/F	105	178BK 178BW
178-DM 178-DN 178-DP 178-DR	F/F E/E C/F B/B		178EF 178AC
178-DS 178-DT 178-DU 178-DW	F/F F/F F/F F/F	121	178DT 178DT
178-EB 178-EF 178-EG 178-EH	 C/C F/F	121 121	
178-EJ 178-EK 178-EL 179-A	F/F F/F A/A H/H/H		178CM

SECTION 040-010-711

RELAY CODE	FIG. NO.	SEE TEST NOTE
111-A 111-B 111-C 111-D	M/M M/M M/M C/C	
111-E 111-F 111-G 121-A	M/M M/M M/M C/C	
122-A 122-B 122-C 122-D	C/F C/F C/F F/F	
122-E 122-F 122-G 122-H	F/F F/F F/F F/F	
122-J 122-K 122-L 122-M	F/F F/F F/F F/F	
122-N 122-P 122-R 122-S	F/F F/F F/F F/F	
122-T 122-U 122-W 122-Y	F/F F/F F/F F/F	
122-Z 122-AA 122-AB 122-AC	C/F C/C C/C C/C	
122-AD 122-AE 122-AF 122-AG	C/C C/C C/C C/C	
122-AH 122-AJ 122-AK 122-AL	C/C C/C C/C C/C	
122-AM 122-AN 122-AP 122-AR	C/C C/C C/C C/C	

*RELAY CODE	FIG. NO.	SEE TEST NOTE
122-AS 122-AT 122-AU 122-AW	C/C E/E E/E E/E	
122-AY 122-AZ 122-BA 122-BB	M/M M/M C/C C/C	
122-BC 122-BD 122-BE 122-BF	C/C C/C M/M M/M	
122-BG 122-BH 122-BJ 122-BK	M/M M/M M/M M/M	
122-BL 122-BM 122-BN 122-BP	M/M M/M F/F F/F	
122-BR 122-BS 122-BT 122-BU	F/F F/F F/F F/F	
122-BW 122-BY 122-BZ 122-CA	F/F F/F E/E C/C	
122-CB 122-CC 122-CD 122-CE	D/D F/F F/F C/C	
122-CF 122-CG 122-CJ 122-CK	C/C F/F C/C D/D	
122-CL 122-CM 122-CN 122-CP	A/A C/C F/F E/E	
122-CR 122-CS 122-CT 122-CU	B/B A/A C/C F/F	

*Refer to Section 040-267-711 for 280-type relay codes which supersede 206-type relay codes.

*RELAY CODE	FIG. NO.	SEE TEST NOTE
122-CW	F/F	
122-DA	A/A	
122-DB	E/E	
122-DC	E/E	
122-DC	E/E	
122-DE	C/F	
122-DF	C/C	
122-DG	A/A	
122-DH	A/E	
122-DJ	A/E	
122-DK	E/E	
122-DL	E/E	
122-DM	A/A	
122-DN	E/E	
122-DP	F/F	
122-DR	C/C	
122-DS	F/F	
122-DT	F/F	
122-DU	C/C	
122-DY	C/C	
122-DZ	C/F	
122-EA	D/D	
122-EB	C/C	
122-EC	C/F	
122-ED	C/C	
122-EE	C/C	
122-EF	C/F	
122-EG	A/A	
122-EH	E/E	
122-EJ	A/A	
122-EK	A/A	
122-EL	A/A	
122-EM	F/F	
122-EP	F/F	
122-ER	F/F	
122-ET	C/C	
122-EW	Spl	119
125-A	H/H/H	
125-B	H/H/H	
125-D	C/K/C	
125-E	C/K/C	
125-F	C/C/C	
125-G	C/C/C	
125-H	C/C/C	

*RELAY CODE	FIG. NO.	SEE TEST NOTE
125-J	C/C/C	
125-K	C/C/C	
125-L	H/G/H	
125-M	H/H/H	
125-N	C/K/C	
125-P	C/K/C	
125-R	H/H/H	
125-S	H/H/H	
125-T	H/H/H	
125-Y	D/D/D	
125-Z	H/H/H	
125-AA	H/H/H	
125-AB	A/A/A	
125-AC	H/H/H	
125-AD	H/H/H	
125-AE	H/H/H	
125-AF	C/H/C	
125-AG	H/H/H	
125-AH	H/H/H	
125-AJ	H/H/H	
125-AM	C/C/C	
125-AN	Spl	116
125-AP	A/A/A	
206-A	8	
206-B	8	
206-C	3	
206-E	8	
206-G	3	
206-H	3	
206-J	3	
206-K	Recorded	215-A
206-L	3	
206-M	8	
206-N	3	
206-P	3	
206-R	3	
206-S	3	
206-T	8	
206-U	1	
206-W	3	
206-Y	6	
206-AA	4	
206-AB	3	
206-AC	3	

*Refer to Section 040-267-711 for 280-type relay codes which supersede 206-type relay codes.

SECTION 040-010-711

*RELAY CODE	FIG. NO.	SEE TEST NOTE
206-AD	3	
206-AE	3	
206-AF	3	
206-AG	3	
206-AH	3	
206-AJ	3	
206-AK	3	
206-AL	1	
206-AM	3	
206-AN	3	
206-AP	6	
206-AR	3	
206-AS	3	
206-AT	3	
206-AU	3	
206-AW	3	
206-AY	2	
206-BA	1	
206-BD	1	
206-BE	1	
206-BF	3	
206-BG	3	
206-BH	3	
206-BJ	1	
206-BK	3	
206-BL	3	
206-BM	1	
206-BN	2	
206-BP	1	
206-BR	6	
206-BS	1	
206-BT	1	

RELAY CODE	FIG. NO.	SEE TEST NOTE
206-BU	3	
206-BW	3	
206-BY	1	
206-CA	1	
206-CB	1	
206-CC	1	
206-CD	2	
206-CE	3	
206-CF	10	
206-FA	3	
206-FB	1	
206-FC	2	
206-FD	3	
206-FE	2	
206-FF	3	
206-FG	3	
206-FH	3	
206-FJ	3	
206-FK	7	
215-A	10	
215-B	10	
215-C	10	
215-D	10	
215-E	10	
215-FA	10	
215-FB	10	

*Refer to Section 040-267-711 for 280-type relay codes which supersede 206-type relay codes.

TEST NOTES

1. No definite contact pressure specified.
2. Minimum 10 grams tension on the 1-T spring, minimum tension 20 grams on the 1-B spring, and the specified tensions for the H contact pressure on all other springs. The 1-T spring shall break from the 3-T spring before the 1-B spring breaks from the 2-P spring.
3. Minimum 8 grams tension on the 4-T spring and the specified tensions for L contact pressure on all other springs.
4. Minimum 15 grams tension on the 4-T and 4-B springs and the specified tensions for L contact pressure on all other springs.
5. Minimum 15 grams tension on the 3-T spring and the specified tensions for L contact pressure on all other springs.
6. Minimum 30 grams tension on the 1-T and 1-B springs and the specified tensions for H contact pressure on all other springs. The back contacts shall break and the front contacts shall make but the armature need not touch the core on the operating current.
7. Minimum 15 grams tension on the 3-T and 3-B springs and the specified tensions for L contact pressure on all other springs.
8. Armature travel 0.040 inch. The back contacts shall break and the front contacts shall make but the armature need not touch the core on the operating current.
9. Canceled.
10. Relay shall be equipped with a removable stop pin, piece-part No. 163914. The back contacts shall break and the front contacts shall make but the armature need not touch the core on the operating current.
11. Relay shall be equipped with a removable stop pin, piece-part No. 163914.
12. Minimum 25 grams tension on the 4-T spring and the specified tensions for H contact pressure on all other springs.
13. Armature travel 0.040 inch. The 1-T spring shall break from the 2-T spring before the 4-T spring makes with the 3-T spring.
14. No definite contact pressure specified. Armature travel 0.020 inch.
15. Canceled.
16. Minimum 25 grams tension on the 1-T spring and the specified tensions for H contact pressure on all other springs.
17. Minimum 8 grams tension on the 6-T spring and the specified tensions for L contact pressure on all other springs.
18. Armature travel 0.025 inch.
19. Armature travel maximum 0.012 inch. The front contacts shall make, but the armature need not touch the core on the operating current.
20. No definite contact pressure specified. The 4-T spring shall make with the 3-T spring before the 2-T spring makes with the 1-T spring.
21. Minimum 25 grams tension on the 1-B spring and the specified tensions for H contact pressure on all other springs.
22. Minimum 20 grams tension on the 1-T spring and the specified tension for H contact pressure on the 2-T spring. The front contact shall make, but the armature need not touch the core on the operating current.
23. The 4-T spring shall make with the 3-T spring before the 2-T spring makes with the 1-T spring.
24. Minimum 20 grams tension on the 1-T, 3-T, and 1-B springs. No definite tensions specified for the other springs. The back contact shall break and the front contacts shall make but the armature need not touch the core on the operating current.
25. Minimum 20 grams tension on the 1-T spring. No definite tensions specified for the other

TEST NOTES (Cont)

- springs. The back contacts shall break and the front contact shall make but the armature need not touch the core on the operating current.
26. The 3-T spring shall break from the 5-T spring before the 2-T spring makes with the 1-T spring.
 27. Minimum 30 grams tension on the 1-T spring. No definite tensions specified for the other springs. The back contact shall break and the front contact shall make but the armature need not touch the core on the operating current.
 28. No definite contact pressure specified. The 2-T spring shall make with the 1-T spring before the armature stud engages the 4-T spring. The tension of the 2-T spring against the armature stud shall not be greater than 10 grams.
 29. Minimum 60 grams tension on the 1-T spring and the specified tension for H contact pressure on the 2-T spring. Armature travel 0.025 inch.
 30. Minimum 60 grams tension on the 1-T spring and the specified tension for H contact pressure on the 2-T spring.
 31. Minimum 25 grams tension on the 1-T spring and the specified tension for H contact pressure on the 2-T spring. Armature travel 0.025 inch.
 32. Canceled.
 33. The 6-T spring shall make with the 5-T spring before the 4-T spring makes with the 3-T spring.
 34. Minimum 20 grams tension on the 1-T spring and the specified tension for H contact pressure on the 2-T spring. The front contact shall make, but the armature need not touch the core on the operating current. Armature travel maximum 0.018 inch.
 35. Minimum 20 grams tension on the 1-T spring. No definite tensions specified for the other springs. The back contact shall break and the front contact shall make but the armature need not touch the core on the operating current.
 36. Minimum 20 grams tension on the 1-T spring and the specified tension for H contact pressure on the 2-T spring. The front contact shall make, but the armature need not touch the core on the operating current.
 37. The 2-B spring shall make with the 1-B spring, and the 4-B spring shall make with the 3-B spring before the 2-B spring breaks from the 4-B spring.
 38. The 4-T spring shall make with the 3-T spring before the 2-T spring makes with the 1-T spring.
 39. Canceled.
 40. Canceled.
 41. Canceled.
 42. Armature travel 0.020 inch. The 3-T spring shall break from the 4-T spring before the 1-T spring breaks from the 2-T spring.
 43. The 4-T spring shall break from the 5-T spring before the 2-T spring makes with the 1-T spring.
 44. The 4-B spring shall break from the 5-B spring before the 2-B spring makes with the 1-B spring.
 45. Minimum 100 grams tension on the 1-T spring and minimum 10 grams tension on the 2-T and 2-B springs. Armature travel 0.020 inch. The 2-T spring shall make with the 1-T spring before the 2-B spring makes with the 1-B spring.
 46. Armature travel 0.025 inch. Minimum 100 grams tension on the 1-T spring. Minimum 20 grams contact pressure between the 2-T and 3-T springs. The 2-T spring shall make with the 1-T spring before the 2-B spring makes with the 1-B spring.

TEST NOTES (Cont)

47. Minimum 100 grams tension on the 1-T spring and minimum 10 grams on the 2-T spring.
48. Minimum 20 grams contact pressure between the 2-T and 3-T springs and between the 2-B and 3-B springs. Minimum 100 grams tension on the 1-T and 1-B springs.
49. Minimum 20 grams contact pressure between the 1-T and 2-T springs. Minimum 100 grams tension on the 1-B spring.
50. Minimum 10 grams tension on the 2-T, 4-T, and 2-B springs and the specified tensions for L contact pressure on all other springs. Armature travel 0.020 inch. The 2-B spring shall make with the 1-B spring before the 2-T spring makes with the 1-T spring and the 4-T spring makes with the 3-T spring.
51. Minimum 20 grams contact pressure between the 2-T and 3-T springs and between the 2-B and 3-B springs. Minimum 100 grams tension on the 1-T and 1-B springs.
52. Minimum 20 grams contact pressure between the 2-T and 3-T springs. Minimum 100 grams tension on the 1-T and 1-B springs. The 2-B spring shall make with the 1-B spring before the 2-T spring makes with the 1-T spring.
53. Minimum 10 grams tension on the 2-T and 2-B springs and the specified tensions for L contact pressure on all other springs. Armature travel 0.020 inch. The 2-B spring shall make with the 1-B spring before the 2-T spring makes with the 1-T spring.
54. Minimum 20 grams contact pressure between the 2-B and 3-B springs. Minimum 100 grams tension on the 1-B spring. The 2-T spring shall make with the 1-T spring before the 2-B spring makes with the 1-B spring.
55. Minimum 20 grams tension on the 1-B and 3-B springs and the specified tensions for L contact pressure on all other springs.
56. Armature travel 0.025 inch. The 4-T spring shall make with the 3-T spring before the 4-T spring breaks from the 6-T spring. The 2-B spring shall make with the 1-B spring before the 2-B spring breaks from the 4-B spring.
57. The 6-B spring shall make with the 5-B spring before the 4-B spring makes with the 3-B spring.
58. Minimum 30 grams tension on the 1-T and 3-T springs and the specified tensions for H contact pressure on the 2-T spring.
59. Minimum 25 grams tension on the 1-T spring and the specified tensions for L contact pressure on all other springs.
60. Armature travel 0.025 inch. The 2-T spring shall make with the 1-T spring before the 2-B spring makes with the 1-B spring.
61. Minimum 30 grams tension on the 6-T, 1-B, and 3-B springs and the specified tensions for H contact pressure on all other springs.
62. Canceled.
63. The front contacts shall make, but the armature need not touch the core on the operating current.
64. The 4-T spring shall make with the 3-T spring before the 2-T spring makes with the 1-T spring.
65. The 4-T spring shall make with the 3-T spring before the 1-T spring breaks from the 2-T spring.
66. The 6-T spring shall make with the 5-T spring before the 4-T spring makes with the 3-T spring.
67. Armature travel 0.020 inch. The 4-T spring shall make with the 3-T spring before the 2-T spring makes with the 1-T spring.
68. Armature travel 0.020 inch.
69. The back contacts shall break and the front contacts shall make but the armature need not touch the core on the operating current.

TEST NOTES (Cont)

70. No definite contact pressure specified. Minimum 20 grams on the 1-T spring. The front contact shall make, but the armature need not touch the core on the operating current.
71. No definite contact pressure specified. Minimum 15 grams on the 1-T and 1-B springs. The front contacts shall make, but the armature need not touch the core on the operating current.
72. Armature travel 0.025 inch. The contact separation shall not be less than 0.010 inch.
73. Armature travel 0.015 inch ± 0.025 inch for both test and readjust. The front contact shall make, but the armature need not touch the core on the operating current.
74. Minimum 30 grams contact pressure between springs 1-T and 3-T and the specified tensions for H contact pressure on all other springs.
75. The armature travel shall be such that a 0.020-inch gauge cannot be inserted between the armature stop pins and the core. The contact separation shall be at least 0.002 inch. The spring sequence requirement is waived for this relay. The stud gap requirement shall be met regardless of the H contact pressure.
76. Minimum 30 grams tension on the 1-T and 3-T springs and 35 grams on the 2-T and 4-T springs.
77. Armature travel 0.025 inch. The back contacts shall break and the front contacts shall make but the armature need not touch the core on the operating current.
78. Armature travel 0.040 inch. Minimum 30 grams tension on the 1-T spring, minimum 35 grams tension on the 3-T spring, and the specified tension for H contact pressure on the 2-T spring.
79. Armature travel 0.030 inch. The contact separation shall be at least 0.015 inch for the top spring combination.
80. Armature travel 0.025 inch. The 4-T spring shall make with the 3-T spring before the 2-T spring makes with the 1-T spring.
81. The 3-B spring shall break from the 4-B spring before the 1-B spring breaks from the 2-B spring.
82. Minimum 50 grams tension on the 3-T spring and the specified tension for H contact pressure on all other springs. The back contact shall break and the front contact shall make but the armature need not touch the core on the operating current. The armature travel limits are ± 0.0025 inch for both test and readjust.
83. Armature travel 0.040 inch. Minimum 30 grams tension on the 3-T and 1-B springs, minimum 35 grams tension on the 5-T and 3-B springs, and the specified tension for H contact pressure on all other springs.
84. Minimum 30 grams tension on the 1-T spring and the specified tension for H contact pressure on the 1-B spring. The front contacts shall make, but the armature need not touch the core on the operating current.
85. Minimum 30 grams tension for the 3-B spring, minimum 35 grams for the 5-B spring, and the specified tension for H contact pressure on all other springs.
86. Minimum 25 grams tension on the 1-T, 3-T, and 4-T springs and the specified tension for H contact pressure on all other springs.
87. This relay has two stop pins, and the armature travel is between the stop pins and the core.
88. Armature travel 0.040 inch. In both the top and bottom spring combinations, the No. 1 spring shall break from the No. 2 spring before the No. 4 spring makes with the No. 3 spring.
89. The 6-T spring shall make with the 5-T spring before the 2-T spring makes with the 1-T spring.

TEST NOTES (Cont)

90. The 2-T and 2-B springs shall have a tension against the armature stud of minimum 8 grams. The 1-T and 1-B springs shall have the tensions specified for H contact pressure.
91. The 2-T spring shall have a tension against the armature stud of minimum 8 grams. The 1-T spring shall have the tension specified for H contact pressure.
92. Armature travel 0.030 inch. The 4-T spring shall break from the 6-T spring before the 2-T spring makes with the 1-T spring.
93. Armature travel 0.040 inch. The 6-T spring shall make with the 5-T spring before either the 2-T spring breaks from the 4-T spring or the 2-B spring breaks from the 4-B spring.
94. The 1-T spring shall break from the 2-T spring before the 4-T spring makes with the 3-T spring.
95. Armature travel 0.020 inch. The 2-B spring shall break with the 1-B spring before the 3-B spring breaks from the 4-B spring.
96. Canceled.
97. The No. 1 springs shall have a tension against the No. 3 springs of minimum 20 grams.
98. Armature travel maximum 0.025 inch. The No. 1 springs shall have a tension against the No. 3 springs of minimum 20 grams.
99. Armature travel minimum 0.025 inch.
100. The No. 1 springs shall have a tension against the No. 3 springs of minimum 30 grams, maximum 40 grams.
101. Armature travel maximum 0.030 inch. The No. 1 springs shall have a tension against the No. 3 springs of minimum 30 grams.
102. The No. 1 springs shall be tensioned against the No. 3 springs to minimum 15 grams.
103. Armature travel maximum 0.030 inch. The No. 1 springs shall be tensioned against the No. 3 springs to minimum 15 grams.
104. Canceled.
105. Armature travel maximum 0.030 inch. The 2-T spring shall make with the 1-T spring before the 2-B spring makes with the 1-B spring.
106. The 1-T spring shall break from the 3-T spring before the 1-B spring breaks from the 3-B spring.
107. Armature travel 0.030 inch. The No. 1 springs shall be tensioned against the No. 3 springs to minimum 40 grams.
108. Armature need not touch the core on the current specified for the secondary (S) winding.
109. Armature travel 0.020 inch. The 4-T spring shall make with the 3-T spring before the 2-T spring makes with the 1-T spring.
110. Armature travel 0.020 inch. The 4-T spring shall make with the 3-T spring before the 2-T spring makes with the 1-T spring and shall break after the 2-T spring breaks from the 1-T spring.
111. Armature travel 0.020 inch. The 3-B spring shall break from the 4-B spring before the 2-B spring makes with the 1-B spring.
112. Armature travel maximum 0.025 inch.
113. The No. 1 spring shall have a tension against the No. 3 spring of minimum 40 grams.
114. No definite contact pressure or armature travel specified.
115. Minimum 20 grams tension on the 2-B spring and the specified tensions for H contact pressure on all other springs.
116. The 2-T spring shall make with the 1-T spring before the armature makes with the 1-B spring.

TEST NOTES (Cont)

117. The No. 1 spring shall have a tension against the No. 3 spring of minimum 28 grams.
118. The No. 1 spring shall have a tension against the No. 2 spring of minimum 25 grams.
119. Spring 1 shall rest against its stop, and spring 2 shall rest against the armature stud with minimum 20 grams tension when the relay is unoperated. The contact separation shall be minimum 0.030 inch when the relay is unoperated.
120. This relay was formerly equipped with two stop pins in which case the armature travel is measured between the stop pins and the core.
121. This relay replaces one or more relays throughout the section. Adjust this replacing relay to the requirements of the replaced relay.
122. Contact separation shall be maximum 0.018 inch, minimum 0.014 inch. The back pressure of each traveling spring shall be maximum 12 grams, minimum 7 grams. Contact pressure minimum 35 grams.
123. Contact pressure nominal 10 grams except spring 3T in top Fig. 37 tensioned against spring 2T to minimum 15 grams in operated position.

Separation between contacts on springs 2T and 3T in top Fig. 37 shall be minimum 0.010 inch in unoperated position.

124. This relay is used as a transformer. Adjust armature to rest against the core.◆