


NO	ITEM	REQ	REF	ACCT NO	USE	NO	ITEM	REQ	REF	ACCT NO	USE	NO	ITEM	REQ	REF	ACCT NO	USE
1	Bolt, Clip, 3/4 X 4 Sq. Hd, Hex Nut		G35C	01-142015	105 Lb. Rail	25	Lug, point - complete	1	8006-21	02-289682		49	Strap, tie - short set	1	8014-5	02-556049	
2	Bolt, Clip, 1 X 5 " " " "	2	ECH29	01-141819	119 Lb & up - 39' Pts	26						50					
3	Bolt, Clip, 1 X 4 " " " "		G35C	01-142171	119 Lb & up - other Pts	27						51					
4						28						52	Machine, switch GRS model 5	1			Order to suit
5	Bolt, Clip, 3/4 X 4 1/2 Sq Hd, Hex Nut	2	G35C	01-142049	105 Lb. Rail	29						53					
6	Bolt, Clip, 1 X 6 " " " "		ECH29	01-141843	119 Lb & up - 39' Pts	30						54					
7	Bolt, Clip, 1 X 5 " " " "		ECH29	01-141819	119 Lb & up - other Pts	31						55	Washer, spring lock 3/4" medium	OS REQ	Comml.	19-791209	Items 1, 5, 4 & 15
8						32	Pin, cotter 1/2 X 1 1/2	4	Comml.	43-165750	Items 1 & 5	56	Washer, spring lock 1" medium	OS REQ	Comml.	19-794401	Items 2, 3, 6 & 7
9	Bolt, Complete See Note 1.	4	8001-19	01-224391	On type MJ Rods	33	Pin, cotter 1/2 X 1 1/2		Comml.	43-166014	Items 2, 3, 6 & 7	57					
10	Bolt, Complete See Note 1.		8001-18	01-224375	On other vert. Rods	34						58	Washer, plate	AAR	125511	02-338802	119, 127, 132, 140 Lb. RAIL
11						35	Plate, saddle - complete	2	8004-1	02-338612	Switch machine	59	Washer, plate	AAR	125512	02-338810	105 Lb. rail
12	Bolt, Complete	1	8007-1	02-054664	Throw Rod	36						60	Washer, cast iron	4	82161	02-611257	Item 14
13						37											
14	Bolt, Stud 3/4 - 10 X 13 with nuts	4	Comml.	19-709805	See note 2	38	Rod, front - complete	1	8001-50	02-439576							
15	Bolt, Lug 3/4 - 10 X 2 1/2 & hex nut	2	GRS0423	19-134806	Item 24	39	Rod, lock - complete	1	8003-21	02-458683							
16						40	Rod, point detector - complete	1	8005-1	02-450581							
17	Bracket, switch adj.	GRS	1	A91-143	02-081550	See note 1	41	Rod, throw - complete	1	8002-11	02-439642	105 & 127 Lb. rail					
18						42	Rod, throw - complete	1	8002-10	02-439634	119, 132 & 140 Lb. rail						
19	Bushing, for 3/4 in. bolt	GRS	(2)	P91-265	02-082855	With item 1 only	43										
20	Bushing, for 3/4 in. bolt	GRS	(2)	P91-270	02-083648	With item 5 only	44	Spike, drive	20	Comml.	01-754009	Items 35, 47, 48, 49					
21						45											
22						46											
23	Lug, point detector ball stud	1	8006-9	02-289674	With item 52	47	Strap, tie - long	1	8014-1	02-556015							
24	Lug, lock rod	1	8003-18	02-289641		48	Strap, tie - short	1	8014-3	02-556023							

\* Clip bolts shall have 3/8" height of head.

SHEET 2  
 CONT'D ON SH 3

**CONRAIL**  **CS-8000-A**

STANDARD  
 SWITCH LAYOUT

GRS MODEL 5 SERIES SWITCH MACHINES  
 105, 119, 127, 132, & 140 LB. RAIL

AUG. 6, 1976