

# COIL USAGE AND EQUIVALENTS

COIL NUMBER	TYPE	TYPICAL USAGE	REPLACEMENTS (SEE NOTES)						
A-622	S	Ball Shuffle Release	A-12092	A-1943	A-5195				
A-6698	M	Credit Hold	A-7846	A-9740					
A-6821	M	Relay	A-5457						
A-7112	M	Trip Bank-Start Coil	A-1856 <sup>(3)</sup>						
A-7676	M	Coin Lockout	15	R20-4	A-3891	A-489	A-9735	A-5662 <sup>(2)</sup>	A-7835 <sup>(2)</sup>
A-7677	M	Coin Lockout	25	R20-5	A-9736				
A-7687	M	Series Relay							
A-7688	M	Interlocking Relay	2	R20-2	A-487	A-9733			
A-7800	S	Bank Reset	A20-4 <sup>(6)</sup>	A-1640 <sup>(6)</sup>					
A-7833	M	Replay Button Relay	A-7837 <sup>(4)</sup>						
A-7834	M	Tilt Relay	10	R20-3	A-1084	A-9742			
A-7835	M	Relay	A-5662	15 <sup>(2)</sup>	R20-4 <sup>(2)</sup>	A-3891 <sup>(2)</sup>	A-489 <sup>(2)</sup>	A-7676 <sup>(2)</sup>	A-9735 <sup>(2)</sup>
A-7836	M	110V Hold Relay	A-3498	A-9738					
A-7837	M		A-7833 <sup>(8)</sup>						
A-7846	M	Pop Relay, Vari-Target	A-6698	A-9740					
A-7847									
A-8447	M	"Bowling Queen"							
A-9154	S	Decagon Score Drive							
A-939	S	Bell	A-20-8	A-2435	A-4893				
A-940	S	Kicker	A-1448	A-3537	A-5143	A20-6 <sup>(2)</sup>	A-2563 <sup>(2)</sup>	A-5194 <sup>(2)</sup>	
A-9479	S	SM Bank Reset	A-1318 <sup>(2)</sup>	A-5196 <sup>(2)</sup>	A-15555 <sup>(2)</sup>				
A-9617	M	Extra Chute Relay	A-11058	A-16890	A-9741				
A-9733	M	Series Relay	2	R20-2	A-487	A-7688			
A-9735	M	Score Relay	15	R20-4	A-3891	A-489	A-7676	A-5662 <sup>(2)</sup>	A-7835 <sup>(2)</sup>
A-9736	M	Relay	25	R20-5	A-7677				
A-9738	M	110V Hold Relay	A-3498	A-7836					
A-9740	M	Pop Relay, Vari-Target	A-6698	A-7846					
A-9741	M	Start Relay	A-11058	A-16890	A-9617				
A-9742	M	Tilt Relay	10	R20-3	A-1084	A-7834			
A-9746	M	30V Hold Relay	R20-1						
A20-2	S	Counter	A-17875 <sup>(5)</sup>						
A20-3	S	SLO Drop							
A20-4	S	1000 S.U., Roto	A-1640	A-5197 <sup>(2)</sup>					
A20-6	S	Reset, Kicker	A-1448	A-3537	A-5143	A-940	A-2563 <sup>(2)</sup>	A-5194 <sup>(2)</sup>	
A20-8	S	100M, Ea. Flip., Pop	A-2435	A-4893	A-939				
C20-1	M	Trip Bank	A-1118						
C20-2	M	Trip Bank							
C20-3	M	Trip Bank	A-1119						
C20-4	M	Trip Bank							
R20-1	M	R Relay	A-9746						
R20-2	M	R Relay	2	A-487	A-9733				
R20-3	M	R Relay	10	A-1084	A-7834	A-9742			
R20-4	M	Pop Bumper Relay	15	A-3891	A-489	A-7676	A-9735	A-5662 <sup>(2)</sup>	A-7835 <sup>(2)</sup>
R20-5	M	R Relay, Alt, 30V Hold	25	A-7677	A-9736				
R20-6	M	R Relay	A-3890	A-5294 <sup>(2)</sup>					
R20-7	M	Relay							
SC20-1	M	Counter							
SM20-1	S	100 S.U.	A-1448	A-3537	A-5143	A20-6 <sup>(2)</sup>	A-1496 <sup>(2)</sup>	A-940 <sup>(2)</sup>	
SM20-2	S	Reset Slo-Drop							

## General Notes:

1. Type refers to style of coil: M = magnetic for relays  
S = solenoid for drives
2. Today's coils are wound on a nylon spool and have a nylon, brass, or aluminum sleeve slipped in. Older coils were wound on a fiber tube or on the wrapped sleeve directly. In the last case, the sleeve is non-removable. Sleeves always need to be chosen and sized according to application.
3. Occasionally, difficulty will be encountered in fitting a new coil as a replacement for one of an old manufacturing type. The mounting screw holes must be elongated or modified to accept the longer new style coil.
4. For equivalents, terminal board location has been disregarded except for bank coils.
5. Diodes not specified. Add or delete as required by application.
6. Newer coils may not have equivalents but are generally available.
7. With few exceptions, modification to the windings is not listed as a suggestion option. Addition/deletion of windings or the transfer of new windings to an old spool is beyond the scope of this listing.
8. Suggested replacements are listed in ascending part number order, exact replacements first.

## Special Notes: (Referenced to coils listed above)

1. Requires modification of terminal board end of coil.
2. Close approximate replacement.
3. Dewind 1200 turns—cannot reverse interchange.
4. Closest approximation.
5. Use the high power (coarse wire) winding only.
6. Dewind 200 turns.
7. Use C2-26-800 Williams coil.
8. Dewind 500 turns.