



TOC

PAYNE REPLACEMENT PARTS

Car Signal Components

Stop Switches, Key Switches 340

Coils 340, 344

Contacts 341

Seals and Belts 342

Contacts

Carbon Contacts and Holders 342

Copper Contacts 342

Leads 342

Wheels 343

Selector Parts 343

Relay Components

Carbon, Copper 344-345

THOMPSON REPLACEMENT PARTS

Coils 344

Relay Components

Type "F" Contacts and Components 344

Type "G" Contacts and Components 344

Type "H" Contacts and Components 345

Type "J" Contacts and Components 345

Type "L" Contacts and Components 345

Type "NC" Contacts and Components 345

PAYNE / THOMPSON

Car Signal Components



PB-1 w/ side view



PB-1A w/ side view



PKS-1



PKS-2



PKS-6



PB-2-1



PB-2A-DOOR OPEN



PB-2C

S.E.E.S. #	Payne #	Description
PB-1	M-2415E	Stop switch , emergency stop switch marked "ON/OFF"
PB-1A	M-2415EA	Stop switch and alarm 1N.O.,1N.C.
PB-2-	M-2366	Push button assembly, specify button marking, i.e. PB-2-1
PB-2A-		Button , specify marking, i.e. PB-2A-DOOR OPEN
PB-2C		Cap , clear for button PB-2A series
PKS-1	M3137-C	Keyswitch , fire service, car
PKS-1A	6330	Key , 6330, barrel type for PKS-1 & 2
PKS-2	M3035-H	Keyswitch , fire service, hall
PKS-3		Keyswitch , independent service
PKS-3A	6304	Key , 6304, barrel type for PKS-3
PKS-4	4079-70	Keyswitch , off, on, spring loaded
PKS-6		Keyswitch , off, on, key removable in both positions

Coils



PC-8



PC-3



PC-1



PC-2



PC-4



PC-19

S.E.E.S. #	Payne #	Description
PC-8	KD-208	220VAC, 1200 ohms
PC-9	KD-119	220VDC, 1200 ohms
PC-1	N-133	220VDC, 120 ohms
PC-6	N-146	220VDC, 200 ohms
PC-7	N-148	208VDC, 90 ohms
PC-15	N-375	110VDC, 875 ohms
PC-16	N-381	220VDC, 400 ohms
PC-17	N-559	550VAC, 2000 ohms
PC-2	L-573	70VDC, 100 ohms
PC-19	MA-125	208VAC, 1000 ohms
PC-3	C-583	220VAC 1200 ohms
PC-10	C-478	600 ohms*
PC-11	C-499	8 ohms*
PC-12	C-519	3 ohms*
PC-13	C-53	50 ohms*
PC-14	C-550	2000 ohms*
PC-4	V-225	110VDC, 800 ohms
PC-5	V-224	175VDC, 1000 ohms

* Voltage varies.

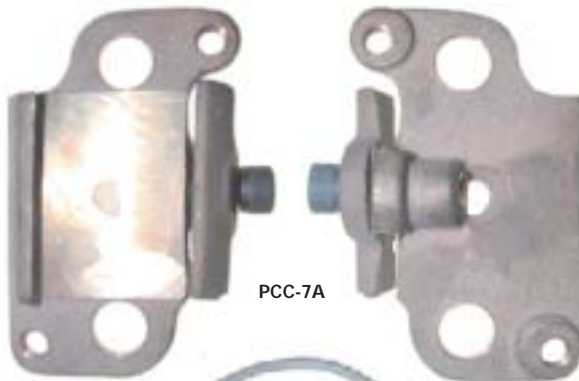
Contacts



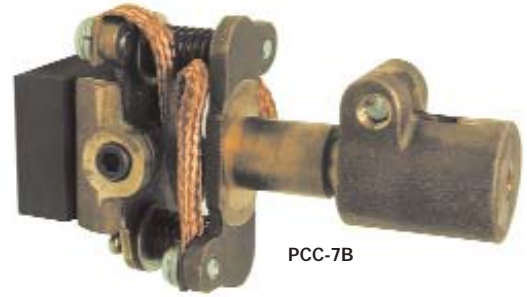
S.E.E.S. #	Payne #	Description
PCC-1	M-1607	Contact finger, 3-3/8" L x 3/8" W
PCC-1A	M1610	Finger contact assembly with auxiliary contact
PCC-1B	M1656	Contact assembly
PCC-1C	M1609	Contact finger
PCC-1D	M1616	Contact, stationary, 2-3/8" L for PCC-1B
PCC-2	M1617	Contact, 2-7/8" L, with 3/8" dia. contact face
PCC-2B	M1619	Contact, 3-3/8" L, with 3/8" dia. contact face
PCC-3	K-2839	Carbon contact, 1-3/16" dia. x 3/4" L (makes with PCC-4)
PCC-3A	K-1415	Carbon contact, 7/8" dia. x 3/4" L (makes with PCC-4A)
PCC-4	K-2840	Copper contact, head 1-1/4" dia. x 5/16". Stem 5/16" dia. x 1-3/8" L
PCC-4A	K-2587	Copper contact, head 1" dia. x 1/4", stem 1/4" dia. x 1-3/8" L
PCC-6	K-1786	Copper contact, head 1-5/8" x 1-3/8", stem 3/8" dia. x 2" L (makes with PCC-7)
PCC-7	K-1399	Carbon contact, 1-1/4" x 1-1/2"

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Contacts



PCC-7A



PCC-7B



PL-1



PL-2



PCC-5



PCC-8



PCC-9



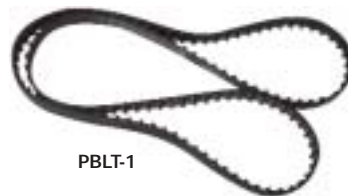
PCC-10

S.E.E.S. #	Payne #	Description
PCC-7A	P1627-8	Carbon Holder, top clamp for PCC-7 carbon
PCC-7B	M503A	Carbon holder assembly for PCC-7 carbon contact
PL-1	M641	Lead, 6-1/4" for O & S relays,
PL-2	M208	Lead, 16" with one flat eyelet, and one right angle eyelet
PCC-5	M-394	Carbon contact, 5/8" diameter x 1" L, stem 1/4" diameter
PCC-8	M991	Contact assembly with 7/16" carbon, stem 10-32 x 1" L
PCC-9	M427	Contact assembly with 7/16" contact, 3/4" L stem 10-24 x 3/8" L
PCC-10	M-14	Contact assembly with 5/8" face diameter x 7/8" L, stem 10-24 x 3/8" L

Seals and Belts



PPAC-1



PBLT-1

S.E.E.S. #	Description
PPAC-1	Seal, pedestal, for #302 Machine, 3.375" x 4.375"
PPAC-2	Seal, pedestal/sheave, for 402 Machine
PPAC-3	Seal, worm shaft for #302 Machine
PBLT-1	Belt, timing belt for selector, 26" x 3/8"
PBLT-2	Belt, 23" x 3/8"
PBLT-3	Belt, 16" x 3/8"

Selector Parts



PS-1



PS-1A



PS-2



PS-3



PS-4



PDO-1



MIS-203



PRT-1N



PT-1

S.E.E.S. #	Payne	Description
PS-1	K-7981	Selector tape guide, 5/8" W
PS-1A		Selector tape guide, 1" W
PS-2	M-1083	Selector contact assembly
PS-3	M-2924	Selector contact, movable
PS-4	M-2925	Selector contact, stationary
PDO-1	K6780	Magnetic switch
MIS-203	K7822	Rectifier, silicon, plug-in
PRT-1N	C1247	Rectifier, 36 plates, 2-5/8" negative
PRT-1P	C1246	Rectifier, 36 plates, 2-5/8" positive
PT-1	K7754, M7754	Timer Replacement timer kit and instructions. This timer replaces old style (obsolete)

Wheels



MIS-187



MIS-187A



MIS-187B

S.E.E.S.#	Payne #	Description
MIS-187	M1286	Roller, 3" O.D. x 1" W x .5906 I.D., two bearings
MIS-187A	M1289	Roller, 5" O.D. x 1-1/4" W x .7874 I.D., two bearings
MIS-187B	M1292	Roller, 7" O.D. x 1-1/4" W x .7874 I.D., two bearings

PAYNE / THOMPSON

Coils



OTC-1 thru OTC-8

OTC-9

S.E.E.S. #	Thompson #	Coil Description
OTC-1	108, 250003	80 ohm 40VDC
OTC-2	111, 250004	150 ohm 60VDC
OTC-3	112, 250005	1800 ohm 70VDC
OTC-4	114	2700 ohm 65VDC
OTC-5	136, 250009	900 ohm 110VDC
OTC-6	142, 250011	2540 ohm 230VDC
OTC-7	143, 250012	3670 ohm 230VDC
OTC-8	146, 250013	5670 ohm 230VDC
OTC-9	241, 250023	2100 ohm 230VDC

■ OTC-1 thru OTC-8
2" OD x 1-3/16" H x 7/8" ID, 2-3/8" C/C mounting holes

■ OTC-9
2-1/4" OD x 2-3/8" H x 1-3/32" ID, 2-3/4" C/C mounting holes

Relay Components



OTRP-1



OTRP-2



OTRP-3



OTRP-4



OTRP-5



OTRP-18

Type "F" Contact

S.E.E.S. #	Thompson #	Description
OTRP-1	EF-6	Carbon contact, 1/2"
OTRP-2	FF-7	Contact post
OTRP-3	F-30	Copper contact, 5/8" x 1/8"
OTRP-4	F-27	Spring Kit
OTRP-5	EK-23	Shunt



OTRP-6



OTRP-7



OTRP-8



OTRP-9

Type "G" Contact

S.E.E.S. #	Thompson #	Description
OTRP-6	G-32	Carbon contact, 5/8" x 1/2"
OTRP-7	F-33	Carbon holder
OTRP-8	G-30	Copper contact, 3/4" x 1/8"
OTRP-9	G-19	Spring Kit

Relay Components



OTRP-10



OTRP-11



OTRP-12



OTRP-14



OTRP-14A

Type "H" Contact

S.E.E.S. #	Thompson #	Description
OTRP-10	H-31	Carbon contact, 1-1/2" dia.
OTRP-11	H-32	Carbon holder
OTRP-12	K38-2	Contact post
OTRP-13	K-30	Contact spring
OTRP-14	H-28	Copper contact, 1-3/4" x 1/4"
OTRP-14A	HK-23	Braided shunt



OTRP-15



OTRP-16



OTRP-17



OTRP-18



OTRP-19



OTRP-20

Type "J" Contact

S.E.E.S. #	Thompson #	Description
OTRP-15	K-35	Carbon contact, 1-1/8"
OTRP-16	K-36	Carbon holder
OTRP-17	K-38-2	Contact post
OTRP-18	A09058	Contact blade & shunt
OTRP-19	K-30	Spring Kit
OTRP-20	K-33	Copper, 1-1/4" x 3/16"

Type "L" Contact

S.E.E.S. #	Thompson #	Description
OTRP-21	CK-35	Carbon contact, 3/4" dia.
OTRP-23	CK-33	Copper contact, 1" x 3/16"



OTRP-21



OTRP-23

Type "NC" Contact

S.E.E.S. #	Thompson #	Description
OTRP-24	NC-31	Carbon contact, 1-3/4" dia.
OTRP-25	NS-3	Carbon holder
OTRP-26	H-2-1/4-28	Copper contact, 2-1/4" x 3/8"



OTRP-24



OTRP-25



OTRP-26

PAYNE / THOMPSON

Tap and Drill Sizes for Numbered Machine Screws

Tap Size # Threads / Inch	Drill Sizes Inches	Drill #
0-80	0.0469	3/64"
1-56	0.0550	54
1-64 & 72	0.0595	53
2-56 & 64	0.0700	50
3-48	0.0785	47
3-56	0.0820	45
4-32	0.0820	45
4-36	0.0860	44
4-40	0.0890	43
4-48	0.0935	42
5-40	0.1015	38
5-44	0.1040	37
6-32	0.1066	36
6-36	0.1110	34
6-40	0.1130	33
8-32 & 36	0.1360	29
8-40	0.1405	28
10-24	0.1495	25
10-30	0.1570	22
10-32	0.1590	21
12-24	0.1770	16
12-28	0.1820	14
12-32	0.1850	13

Tap Inch- Threads/Inch	Drill Sizes Inches	Drill # or Letter Size
1/4"-20	0.2010	7
1/4"-28	0.2130	3
5/16"-18	0.2570	F
5/16"-24	0.2720	I
3/8"-16	0.3125	5/16"
3/8"-24	0.3320	Q
7/16"-14	0.3680	U
7/16"-20	0.3903	25/64"
1/2"-13	0.4219	27/64"
1/2"-20	0.4531	29/64"
9/16"-12	0.4844	31/64"
9/16"-18	0.5156	33/64"
5/8"-11	0.5312	17/32"
5/8"-18	0.5781	37/64"
3/4"-10	0.6562	21/32"
3/4"-16	0.6875	11/16"
7/8"-9	0.7656	49/64"
7/8"-14	0.8125	13/16"
1"-8	0.8750	7/8"
1"-12&14	0.9375	59/64"

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