

INSTRUCTIONS FOR
CONVERTING PAYSTATIONS
TO TEN CENT SERVICE

Bulletin 499

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METHOD OF CONVERTING TYPES 50-G & 50-H PAYSTATIONS TO
TEN CENT SERVICE (Also applicable to Type 50-E)

Parts Required:

(A)	1	P-51629	Circuit Label
(B)	1	P-51586	Direction Card
(C)	1	P-60529-A	2 Nickel Mechansim & Chute Assembly
(D)	5	P-11305	Insulators
(E)	2	P-10315	Insulators
(F)	1	P-60394	Terminal Assembly
(G)	2	P-11273	Bushings
(H)	2		6-40 x 1-1/2" R.H.I.M. Screws
(J)	1	P-11171	Transfer Spring
(K)	2		6-40 x 3/4" R.H.I.M. Screws

Changes in Lower:

1. Remove present Vertical Transfer Switch from back plate and disassemble. Reassemble Vertical Transfer Switch assembly adding (J) under top four (4) insulators and adding one (1) of (D) and one (1) of (E) between present top spring and added (D). Use screws (K) for new switch. (Refer to P-60170 blueprint for reference.) Rewire per (A).

Changes in Upper:

1. Remove present Horizontal transfer switch. Disassemble the two nuts from switch and add four (4) of (D), one (1) of (E) and (F) replacing present bushings and screws with (G) and (H).
2. Remove present coin chute and replace with (C).
3. Rewire per (A).
4. Replace present circuit label with (A).
5. Replace present direction card with (B).

Type 50-G & Type 50-H to
Type 50-G-55 & Type 50-H-55
Ckt. D-185 to Ckt. P-51629

METHOD OF CONVERTING TYPE 62 PAYSTATION TO TEN CENT SERVICE

Parts Required:

(A)	1	4-36 x 1/4" F.H.I.M. Screw
(B)	2	5-40 x 1-3/16" R.H.I.M. Screws
(C)	1	P-51585 Ckt. Label
(D)	1	P-51586 Direction Card
(E)	1	P-60528 Armature Lamination Assembly
(F)	1	P-60529-A 2 Nickel Mechanism & Chute Assembly
(G)	1	P-60534 Auxiliary Transfer Spring Assembly
(H)	1	P-60535-A Auxiliary Terminal Assembly

Changes in Lower (May be done without removing paystation from location):

1. Disassemble the two (2) screws which presently mount the induction coil and armature (keeper). Replace present armature (keeper) with (E) and remount induction coil & (E) using screws (B).
2. Mount (G) on backplate using the two (2) 6-40 tapped holes located to the right of terminal block & directly above transfer springs. To be mounted so that spring is facing down. Disconnect present "blue" lead from ground switch spring & tape & replace with "black-blue" lead wired to (G).
3. Replace present circuit label with (C) Type 62-55 circuit label.

Changes in Upper:

1. Remove jack strip from housing & assemble (H) in vacant slot by means of (A). Remount jack strip.
2. Remove present coin chute, disassemble resonator from chute and reassemble resonator to (F). Wire in mechanism and resonator per circuit (C).
3. Replace present direction card with (D).

Type 62 to Type 62-55
Ckt. P-51318 to Ckt. P-51585

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METHOD OF CONVERTING TYPE 62-C PAYSTATION TO TEN CENT SERVICE

Parts Required:

- | | | | |
|-----|---|-----------|------------------------------------|
| (A) | 1 | P-51585 | Circuit Label |
| (B) | 1 | P-51586 | Direction Card |
| (C) | 1 | P-60530-A | 2 Nickel Mechanism Assembly |
| (D) | 1 | P-60534 | Auxiliary Transfer Spring Assembly |
| (E) | 1 | | 4-48 x 13/32" R.H.I.M. Screw |

Changes in Lower:

1. Mount (D) on backplate using the two (2) 6-40 tapped holes located to the right of terminal block & directly above transfer springs. To be mounted so that spring is facing down. Disconnect present "blue" lead from ground switch spring & tape & replace with "black-blue" lead wired to (D).
2. Replace present circuit label with (A) Type 62-55 circuit label.

Changes in Upper:

1. Remove chute from housing and assemble (C) to chute in the two (2) proper holes using (E) for mounting (C) on hole located to the left in place of the presently used screw. Check location of microswitch operating arm to ensure that arm is centrally located in center of slot in the nickel channel. Drop approximately twenty-five (25) nickels in channel to determine that coins will engage operating arm and that coins will alternately lock and release operating arm without failure.
2. Wire in (C) per circuit (A).
3. Replace present direction card with (B).

Type 62-C to Type 62-55
Ckt. P-51318 to P-51585

METHOD OF CONVERTING TYPE 66 PAYSTATION TO TEN CENT SERVICE

Parts Required:

(A)	1	P-11763	Chute Cover
(B)	1		4-36 x 1/4" F.H.I.M. Screw
(C)	2		5-40 x 1-3/16" R.H.I.M. Screws
(D)	1	P-51627	Circuit Label
(E)	1	P-51599	Direction Card
(F)	1	P-60528	Armature Lamination Assembly
(G)	1	P-60534	Aux. Trans. Spring Assembly
(H)	1	P-60535-A	Aux. Terminal Assembly
(J)	1	P-60537	Rejector Assembly
(K)	1	P-60547-A	Double Rectifier Assembly
(L)	1	P-60561	Trans. Sprg. with Blk. Wire Lead
(M)	1	P-51597	Dial (2 additional shunt springs)
(N)	2	D-17640-A	Washers
(P)	1	P-51334	Dial Wire (Green)
(Q)	1	P-51619	Dial Wire (Brown)
(S)	2		(Rejector Mtg.) 4-48 x 3/4" R.H.I.M. Screws

Changes in Lower:

1. Disassemble the two (2) screws which presently mount the induction coil & armature (keeper). Replace present armature (keeper) with (F) & remount ind. coil & (F) using screws (C).
2. Mount (G) on backplate using the two (2) 6-40 tapped holes located to the right of terminal block & directly above transfer springs. To be mounted so spring is facing down. Connect "Black-Blue" on (G) to 90 ohm coil screw terminal.
3. Remove present 90 ohm res. coil (or present single rectifier) from 90 ohm relay coil and replace with (K). Wire in (K) per (D).
4. Replace present transfer spring #1 with (L) and connect Blk. lead of (L) to L2 terminal on terminal block.
5. Replace present circuit label with (D).

Changes in Upper:

1. Remove jack strip from housing & assemble (H) in vacant slot by means of (B). Replace jack strip.
2. Remove chute assembly.
3. Remove present dial & replace with (M) connecting (P), (Q) per (D).
4. Disassemble resonator assembly from chute & remove chute cover. Replace chute cover with (A) & mount (J) on chute, using (N) between chute & (J) and fastened with screws (S). Reassemble resonator assembly to chute & remount chute & rejector assembly.
5. Wire in (M) & (J) per circuit (D).
6. Replace direction card with (E).

Type 66 to Type 66-10
Ckt. P-51323 to
Ckt. P-51627

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METHOD OF CONVERTING TYPE 66-C PAYSTATION TO TEN CENT SERVICE

Parts Required:

(A)	1	P-51606	66-10 Circuit Label
(B)	1	P-51599	Direction Card
(C)	1	P-60534	Aux. Trans. Sprg. Assem.
(D)	1	P-60537	Rejector Assembly
(E)	1	P-60547-B	Added Rectifier & Parts
(F)	2		4-48 x 9/16" R.H.I.M. Screws

Changes in Lower:

1. Assemble (C) to backplate using the 2 tapped holes located to the right of terminal block & directly above transfer springs. To be mounted so that spring is facing down.
2. Assemble (E) to present rectifier per P-60547.
3. Replace circuit label with (A).

Changes in Upper:

1. Remove chute assembly and break out section in nickel channel. Assemble (D) to chute & remount chute using (F) in place of present screws. On mounting (D) to chute check to see that bracket is below flush of opening in chute channel and that rough edges on chute, created by breaking out the chute section for ejector spring, are smooth. Check operation of ejector spring in channel to determine if nickel will be ejected with ejector spring in un-operated position and nickel will clear spring and be accepted with spring in operated position.
2. Replace direction card with (B).

Type 66-C to Type 66-C-10
Ckt. P-51595 to Ckt. P-51606

METHOD OF CONVERTING TYPE 66-E PAYSTATION TO TEN CENT SERVICE

Parts Required:

(A)	1	P-51680	66-E-10 Circuit Label
(B)	1	P-51599	Direction Card
(C)	1	P-60534	Aux. Trans. Sprg. Assem.
(D)	1	P-60537	Rejector Assembly
(E)	1	P-60494-A	Rectifier
(F)	2		4-48 x 9/16" R.H.I.M. Screws

Changes in Lower:

1. Assemble (C) to backplate using the 2 tapped holes located to the right of terminal block & directly above transfer springs. To be mounted so that spring is facing down.
2. Assemble (E) to 83 ohm coil screw terminal and wire in per (A).
3. Replace circuit label with (A).

Changes in Upper:

1. Remove chute assembly and break out section in nickel channel. Assemble (D) to chute & remount chute using (F) in place of present screws. On mounting (D) to chute check to see that bracket is below flush of opening in chute channel and that rough edges on chute, created by breaking out the chute section for ejector spring, are smooth. Check operation of ejector spring in channel to determine if nickel will be ejected with ejector spring in un-operated position and nickel will clear spring and be accepted with spring in operated position.
2. Replace direction card with (B).

Type 66-E to Type 66-E-10
Ckt. P-51679 to Ckt. P-51680

METHOD OF CONVERTING TYPES 75-A & 76-A PAYSTATIONS TO
TEN CENT SERVICE

Parts Required:

- (A) 1 P-60529-A 2 Nickel Mechanism & Chute Assem.
- (B) 1 P-51603 75-A-55 Circuit Label
- (C) 1 P-51586 Direction Card
- (D) 1 P-60562 Transfer Spring

Changes in Lower:

1. Replace transfer spring #2 with (D).
2. Remove "Blk-Gr" lead from relay ground switch spring & tape (or cut off) and connect black-blue lead on (D) to this same spring.
3. Replace present circuit label with (B).

Changes in Upper:

1. Remove present coin chute & replace with (A). Wire in (A) per circuit (B).
2. Replace present direction card with (C).

METHOD OF CONVERTING TYPES 75-C & 76-C PAYSTATIONS TO
TEN CENT SERVICE

Parts Required:

- (A) 1 P-51604 Circuit Label
- (B) 1 P-51586 Direction Card
- (C) 1 P-60529-A 2 Nickel Mechanism & Chute Assembly
- (D) 1 P-11162 Terminal Block
- (E) 1 P-60562 Transfer Spring with Blk-Bl Wire Lead
- (F) (To mount P-60562 on Terminal Block) #3 x 3/8" R.H.I.W. Screw

Changes in Lower:

1. Remove terminal block assembly and replace with (D) by disassembling all terminals & transfer springs and reassembling to (D).
2. Add (E) to terminal block in fifth (5th) slot down and connect Blk-Bl lead on (E) to ground switch spring on which a blue wire is at present connected. Tape or cut off Blue wire.
3. Replace present circuit label with (A).

Changes in Upper:

1. Remove present coin chute and replace with (C). Wire in mechanism per circuit (A).
2. Replace present direction card with (B).

Type 75-C & Type 76-C to
Type 75-C-55 & Type 76-C-55
Ckt. C-242 to P-51604

METHOD OF CONVERTING TYPE 82 PAYSTATION TO TEN CENT SERVICE

Parts Required:

- (A) 1 P-51829 Circuit Label
- (B) 1 P-51586 Direction Card
- (C) 1 P-60530-A 2 Nickel Mechanism Assembly
- (D) 1 P-60534 Auxiliary Transfer Spring Assembly
- (E) 1 4-48 x 13/32" R.H.I.M. Screw

Changes in Lower:

1. Mount (D) on backplate using the two (2) 6-40 tapped holes located to the right of terminal block & directly above transfer springs. To be mounted so that spring is facing down. Disconnect present "blue" lead from ground switch spring & tape & replace with "black-blue" lead wired to (D).
2. Replace present circuit label with (A) Type 62-55 circuit label.

Changes in Upper:

1. Remove chute from housing and assemble (C) to chute in the two (2) proper holes using (E) for mounting (C) on hole located to the left in place of the presently used screw. Check location of microswitch operating arm to ensure that arm is centrally located in center of slot in the nickel channel. Drop approximately twenty-five (25) nickels in channel to determine that coins will engage operating arm and that coins will alternately lock and release operating arm without failure.
2. Wire in (C) per circuit (A).
3. Replace present direction card with (B).

Type 82 to Type 82-55
P-70562 to P-70662
Ckt. P-51828 to P-51829

METHOD OF CONVERTING TYPE 86 PAYSTATION TO TEN CENT SERVICE

Parts Required:

- | | | | |
|-----|---|-----------|------------------------------|
| (A) | 1 | P-51831 | 86-10 Circuit Label |
| (B) | 1 | P-51599 | Direction Card |
| (C) | 1 | P-60534 | Aux. Trans. Sprg. Assem. |
| (D) | 1 | P-60537 | Rejector Assembly |
| (E) | 1 | P-60494-A | Rectifier |
| (F) | 2 | P-50212 | 4-48 x 9/16" R.H.I.M. Screws |

Changes in Lower:

1. Assemble (C) to backplate using the 2 tapped holes located to the right of terminal block & directly above transfer springs. To be mounted so that spring is facing down.
2. Assemble (E) to 83 ohm coil screw terminal and wire in per (A).
3. Replace circuit label with (A).

Changes in Upper:

1. Remove chute assembly and break out section in nickel channel. Assemble (D) to chute & remount chute using (F) in place of present screws. On mounting (D) to chute check to see that bracket is below flush of opening in chute channel and that rough edges on chute, created by breaking out the chute section for ejector spring, are smooth. Check operation of ejector spring in channel to determine if nickel will be ejected with ejector spring in un-operated position and nickel will clear spring and be accepted with spring in operated position.
2. Replace direction card with (B).

Type 86 to Type 86-10
Ckt. P-51830 to Ckt. P-51831

METHOD OF CONVERTING TYPE 86 PAYSTATION TO
TWO NICKEL OR DIME SERVICE

Parts Required:

(A)	1	P-51846	86-55 Circuit Label
(B)	1	P-51744	Direction Card
(C)	1	P-60534	Aux. Trans. Sprg. Assem.
(D)	1	P-60530-B	2 Nickel Mech. Assem.
(E)	1	P-60494-A	Rectifier
(F)	2		4-48 x 13/32" R.H.I.M. Screws

Changes in Lower:

1. Assemble (C) to backplate using the 2 tapped holes located to the right of terminal block & directly above transfer springs. To be mounted so that spring is facing down.
2. Assemble (E) to 83 ohm coil screw terminal and wire in per (A).
3. Replace circuit label with (A).

Changes in Upper:

1. Remove chute from housing and assemble (D) to chute in the two (2) proper holes using (F) for mounting (D) on hole located to the left in place of the presently used screw. Check location of microswitch operating arm to ensure that arm is centrally located in center of slot in the nickel channel. Drop approximately twenty-five (25) nickels in channel to determine that coins will engage operating arm and that coins will alternately lock and release operating arm without failure.
2. Replace direction card with (B).

Type 86 to Type 86-55
Ckt. P-51830 to Ckt. P-51846

METHOD OF CONVERTING TYPE 92-N PAYSTATION TO TEN CENT SERVICE

Parts Required:

(A)	1	4-36 x 1/4" F.H.I.M. Screw
(B)	1	P-51587 Ckt. Label
(C)	1	P-51586 Direction Card
(D)	1	P-60529-A 2 Nickel Mechanism & Chute Assembly
(E)	1	P-60534 Auxiliary Transfer Spring Assembly
(F)	1	P-60535-A Auxiliary Terminal Assembly

Changes in Lower (May be done without removing paystation from location):

1. Mount (E) on backplate using the two (2) 6-40 tapped holes located to the right of terminal block & directly above transfer springs. To be mounted so that spring is facing down. Disconnect present 'blue' lead from ground switch spring & tape & replace with 'black-blue' lead wired to (E).
2. Replace present circuit label with (B) Type 92-55 circuit label.

Changes in Upper:

1. Remove jack strip from housing & assemble (F) in vacant slot by means of (A). Remount jack strip.
2. Remove present coin chute, disassemble resonator from chute and reassemble resonator to (D). Wire in mechanism and resonator per circuit (B).
3. Replace present direction card with (C).

Type 92-N to Type 92-N-55
Ckt. P-51419 to Ckt. P-51587

METHOD OF CONVERTING TYPE 92-W PAYSTATION TO TEN CENT SERVICE

Parts Required:

- (A) 1 4-36 x 1/4" F.H.I.M. Screw
- (B) 1 P-51588 Ckt. Label
- (C) 1 P-51586 Direction Card
- (D) 1 P-60529-A 2 Nickel Mechanism & Chute Assembly
- (E) 1 P-60534 Auxiliary Transfer Spring Assembly
- (F) 1 P-60535-A Auxiliary Terminal Assembly

Changes in Lower (May be done without removing paystation from location):

1. Mount (E) on backplate using the two (2) 6-40 tapped holes located to the right of terminal block & directly above transfer springs. To be mounted so that spring is facing down. Disconnect present 'blue' lead from ground switch spring & tape & replace with 'black-blue' lead wired to (E).
2. Replace present circuit label with (B) Type 92-55 circuit label.

Changes in Upper:

1. Remove jack strip from housing & assemble (F) in vacant slot by means of (A). Remount jack strip.
2. Remove present coin chute, disassemble resonator from chute and reassemble resonator to (D). Wire in mechanism and resonator per circuit (B).
3. Replace present direction card with (C).

Type 92-W to Type 92-W-55
Ckt. P-51410 to Ckt. P-51588

METHOD OF CONVERTING TYPE 92-N-C PAYSTATION TO TEN CENT SERVICE

Parts Required:

(A)	1	P-51587	Circuit Label
(B)	1	P-51586	Direction Card
(C)	1	P-60530-A	2 Nickel Mechanism Assembly
(D)	1	P-60534	Auxiliary Transfer Spring Assembly
(E)	1		4-48 x 13/32" R.H.I.M. Screw

Changes in Lower:

1. Mount (D) on backplate using the two (2) 6-40 tapped holes located to the right of terminal block & directly above transfer springs. To be mounted so that spring is facing down. Disconnect present "blue" lead from ground switch spring & tape & replace with "black-blue" lead wired to (D).
2. Replace present circuit label with (A) Type 92-N-55 circuit label.

Changes in Upper:

1. Remove chute from housing and assemble (C) to chute in the two (2) proper holes using (E) for mounting (C) on hole located to the left in place of the presently used screw. Check location of microswitch operating arm to ensure that arm is centrally located in center of slot in the nickel channel. Drop approximately twenty-five (25) nickels in channel to determine that coins will engage operating arm and that coins will alternately lock and release operating arm without failure.
2. Wire in (C) per circuit (A).
3. Replace present direction card with (B).

Type 92-N-C to Type 92-N-55
Ckt. P-51419 to Ckt. P-51587

METHOD OF CONVERTING TYPE 92-W-C PAYSTATION TO TEN CENT SERVICE

Parts Required:

(A)	1	P-51588	Circuit Label
(B)	1	P-51586	Direction Card
(C)	1	P-60530-A	2 Nickel Mechanism Assembly
(D)	1	P-60534	Auxiliary Transfer Spring Assembly
(E)	1		4-48 x 13/32" R.H.I.M. Screw

Changes in Lower:

1. Mount (D) on backplate using the two (2) 6-40 tapped holes located to the right of terminal block & directly above transfer springs. To be mounted so that spring is facing down. Disconnect present "blue" lead from ground switch spring & tape & replace with "black-blue" lead wired to (D).
2. Replace present circuit label with (A) Type 92-W-55 circuit label.

Changes in Upper:

1. Remove chute from housing and assemble (C) to chute in the two (2) proper holes using (E) for mounting (C) on hole located to the left in place of the presently used screw. Check location of microswitch operating arm to ensure that arm is centrally located in center of slot in the nickel channel. Drop approximately twenty-five (25) nickels in channel to determine that coins will engage operating arm and that coins will alternately lock and release operating arm without failure.
2. Wire in (C) per circuit (A).
3. Replace present direction card with (B).

Type 92-W-C to Type 92-W-55
Ckt. P-51410 to P-51588

METHOD OF CONVERTING TYPE 96 PAYSTATION TO TEN CENT SERVICE

Parts Required:

(A)	1	P-11763	Chute Cover
(B)	1		4-36 x 1/4" F.H.I.M. Screw
(C)	1	P-51607	Circuit Label
(D)	1	P-51599	Direction Card
(E)	1	P-60534	Aux. Trans. Spring Assembly
(F)	1	P-60535-A	Aux. Terminal Assembly
(G)	1	P-60537	Rejector Assembly
(H)	1	P-60547-A	Double Rectifier Assembly
(J)	2	D-17640-A	Washers
(K)	1	P-60561	Transfer Spring with Blk. Wire Lead
(L)	2		4-48 x 3/4" R.H.I.M. Screws

Changes in Lower:

1. Mount (E) on backplate using the two (2) 6-40 tapped holes located to the right of terminal block & directly above transfer springs. To be mounted so spring is facing down. Connect 'black-blue' on (E) to 90 ohm coil screw terminal.
2. Remove present 90 ohm res. coil (or present single rectifier) from 90 ohm relay coil and replace with (H). Wire in (H) per (C).
3. Replace present circuit label with (C).
4. Replace present transfer spring #6 with (K) and connect Blk. lead of (K) to L2 terminal on terminal block. See * Note Below.

Changes in Upper:

1. Remove jack strip from housing & assemble (F) in vacant slot by means of (B).
2. Remove chute assembly.
3. Disassemble resonator assembly from chute & remove chute cover. Replace chute cover with (A) & mount (G) on chute, using (J) between chute & (G) and replacing present screws with (L). Reassemble resonator assembly to chute & rejector assembly.
4. Wire in (G) per (C).
5. Replace direction card with (D).

* NOTE: On some earlier types of the Type 96 Paystation there are 'GREEN' and 'BLACK' wires connected to transfer terminal 6. If paystations to be converted are so wired, these leads are to be removed from transfer terminal 6 and the 'BLACK' lead is to be connected to transfer terminal #5 and the 'GREEN' lead is to be connected to 'G' terminal on terminal block. Also add a wire lead between transfer term. #4 and 'G' in terminal block. To insure proper 10¢ operation, check paystation wiring to make certain it agrees with circuit P-51607 (reference (C)) in its entirety.

Type 96 to Type 96-10
Ckt. P-51397 to Ckt. P-51607

METHOD OF CONVERTING TYPE 96 PAYSTATION TO
TWO NICKEL OR DIME SERVICE

Parts Required:

(A)	1		4-36 x 1/4" F.H.I.M. Screw
(B)	1	P-51742	Circuit Label
(C)	1	P-51744	Direction Card
(D)	1	P-60534	Aux. Trans. Spring Assembly
(E)	1	P-60535-A	Aux. Terminal Assembly
(F)	1	P-60529-B	2 Nickel Mech. & Chute Assem.
(G)	1	P-60547-A	Double Rectifier Assembly
(H)	1	P-60561	Transfer Spring with Blk. Wire Lead

Changes in Lower:

1. Mount (D) on backplate using the two (2) 6-40 tapped holes located to the right of terminal block & directly above transfer springs. To be mounted so spring is facing down. Connect "black-blue" on (D) to 90 ohm coil screw terminal.
2. Remove present 90 ohm res. coil (or present single rectifier) from 90 ohm relay coil and replace with (G). Wire in (G) per (B).
3. Replace present circuit label with (B).
4. Replace present transfer spring #1 with (H) and connect Blk. lead of (H) to L2 terminal on terminal block.

Changes in Upper:

1. Remove jack strip from housing & assemble (E) in vacant slot by means of (A).
2. Remove present coin chute, disassemble resonator from chute and reassemble resonator to (F). Wire in mechanism and resonator per circuit (B).
3. Replace direction card with (C).

Type 96 to Type 96-55
Ckt. P-51397 to Ckt. P-51742

METHOD OF CONVERTING TYPE 96-C PAYSTATION TO TEN CENT SERVICE

Parts Required:

(A)	1	P-51607	Circuit Label
(B)	1	P-51599	Direction Card
(C)	1	P-60534	Aux. Trans. Sprg. Assem.
(D)	1	P-60537	Rejector Assembly
(E)	1	P-60547-B	Added Rectifier & Parts
(F)	2		4-48 x 9/16" R.H.I.M. Screws

Changes in Lower:

1. Assemble (C) to backplate using the 2 tapped holes located to the right of terminal block & directly above transfer springs. To be mounted so that spring is facing down.
2. Assemble (E) to present rectifier per P-60547.
3. Replace circuit label with (A).

Changes in Upper:

1. Remove chute assembly and break out section in nickel channel. Assemble (D) to chute & remount chute using (F) in place of present screws. On mounting (D) to chute check to see that bracket is below flush of opening in chute channel and that rough edges on chute, created by breaking out the chute section for ejector spring, are smooth. Check operation of ejector spring in channel to determine if nickel will be ejected with ejector spring in un-operated position and nickel will clear spring and be accepted with spring in operated position.
2. Replace direction card with (B).

Type 96-C to Type 96-C-10
Ckt. P-51595 to Ckt. P-51607

METHOD OF CONVERTING TYPE 96-C PAYSTATION TO
TWO NICKEL OR DIME SERVICE

Parts Required:

(A)	1	P-51742	Circuit Label
(B)	1	P-51744	Direction Card
(C)	1	P-60534	Aux. Trans. Sprg. Assem.
(D)	1	P-60530-A	2 Nickel Mech. Assem.
(E)	1	P-60547-B	Added Rectifier & Parts
(F)	1		4-48 x 13/32" R.H.I.M. Screw

Changes in Lower:

1. Assemble (C) to backplate using the 2 tapped holes located to the right of terminal block & directly above transfer springs. To be mounted so that spring is facing down.
2. Assemble (E) to present rectifier per P-60547.
3. Replace circuit label with (A).

Changes in Upper:

1. Remove chute from housing and assemble (D) to chute in the two (2) proper holes using (F) for mounting (D) on hole located to the left in place of the presently used screw. Check location of microswitch operating arm to ensure that arm is centrally located in center of slot in the nickel channel. Drop approximately twenty-five (25) nickels in channel to determine that coins will engage operating arm and that coins will alternately lock and release operating arm without failure.
2. Wire in (D) per circuit (A).
3. Replace present direction card with (B).

Type 96-C to Type 96-C-55
Ckt. P-51595 to Ckt. P-51742

METHOD OF CONVERTING TYPE 96-E PAYSTATION TO TEN CENT SERVICE

Parts Required:

(A)	1	P-51682	Circuit Label
(B)	1	P-51599	Direction Card
(C)	1	P-60534	Aux. Trans. Sprg. Assem.
(D)	1	P-60537	Rejector Assembly
(E)	1	P-60494-B	Rectifier
(F)	2		4-48 x 9/16" R.H.I.M. Screws

Changes in Lower:

1. Assemble (C) to backplate using the 2 tapped holes located to the right of terminal block & directly above transfer springs. To be mounted so that spring is facing down.
2. Assemble (E) to 83 ohm coil screw terminal & wire in per (A).
3. Replace circuit label with (A).

Changes in Upper:

1. Remove chute assembly and break out section in nickel channel. Assemble (D) to chute & remount chute using (F) in place of present screws. On mounting (D) to chute check to see that bracket is below flush of opening in chute channel and that rough edges on chute, created by breaking out the chute section for ejector spring, are smooth. Check operation of ejector spring in channel to determine if nickel will be ejected with ejector spring in un-operated position and nickel will clear spring and be accepted with spring in operated position.
2. Replace direction card with (B).

Type 96-E to Type 96-E-10
Ckt. P-51681 to Ckt. 51682

METHOD OF CONVERTING TYPE 96-E PAYSTATION TO
TWO NICKEL OR DIME SERVICE

Parts Required:

(A)	1	P-51743	Circuit Label
(B)	1	P-51744	Direction Card
(C)	1	P-60534	Aux. Trans. Sprg. Assem.
(D)	1	P-60530-B	2 Nickel Mech. Assem.
(E)	1	P-60494-B	Rectifier
(F)	1		4-48 x 13/32" R.H.I.M. Screw

Changes in Lower:

1. Assemble (C) to backplate using the 2 tapped holes located to the right of terminal block & directly above transfer springs. To be mounted so that springs is facing down.
2. Wire in (E) per (A).
3. Replace circuit label with (A).

Changes in Upper:

1. Remove chute from housing and assemble (D) to chute in the two (2) proper holes using (F) for mounting (D) on hole located to the left in place of the presently used screw. Check location of microswitch operating arm to ensure that arm is centrally located in center of slot in the nickel channel. Drop approximately twenty-five (25) nickels in channel to determine that coins will engage operating arm and that coins will alternately lock and release operating arm without failure.
2. Wire in (D) per circuit (A).
3. Replace present direction card with (B).

Type 96-E to Type 96-E-55
Ckt. P-51682 to Ckt. P-51743

METHOD OF CONVERTING TYPE 34-A-9 PAYSTATION TO TEN CENT SERVICE

Parts Required:

- (A) 1 P-51589 Circuit Label
- (B) 1 P-51586 Direction Card
- (C) 1 P-60529-A 2 Nickel Mechanism & Chute Assembly
- (D) 1 P-60562 Transfer Spring With Blk-B1 Wire Lead

Changes in Lower (May be done without removing paystation from location):

1. Replace transfer spring #6 with (D).
2. Remove "blue" lead from relay ground switch spring & tape (or cut off) & connect Blk-B1 lead on (D) to this same spring.
3. Replace present circuit label with (A).

Changes in Upper:

1. Remove present coin chute, disassemble resonator from chute and reassemble resonator to (C). Wire in mechanism and resonator to (C). Wire in mechanism and resonator per circuit (A).
2. Replace present direction card with (B).

METHOD OF CONVERTING TYPE 34A-9-C PAYSTATION TO TEN CENT SERVICE

Parts Required:

- (A) 1 P-51589 Circuit Label
- (B) 1 P-51586 Direction Card
- (C) 1 P-60530-A 2 Nickel Mechanism Assembly
- (D) 1 4-48 x 13/32" R.H.I.M. Screw
- (E) 1 P-60562 Transfer Spring with Blk-B1 Wire Lead

Changes in Lower (May be done without removing paystation from location):

1. Replace transfer spring #6 with (E).
2. Remove "blue" lead from relay ground switch spring & tape (or cut off) & connect Blk-B1 lead on (E) to this same spring.
3. Replace present circuit label with (A).

Changes in Upper:

1. Remove chute from housing and assembly (C) to chute in the two (2) proper holes using (D) for mounting (C) on hole located to the left in place of the presently used screw. Check location of microswitch operating arm to ensure that arm is centrally located in center of slot in the nickel channel. Drop approximately twenty-five (25) nickels in channel to determine that coins will engage operating arm and that coins will alternately lock and release operating arm without failure.
2. Replace present direction card with (B).

Type 34A-9 to Type 34A-9-55
Ckt. P-50131 to Ckt. P-51589

METHOD OF CONVERTING TYPE 34-A-9-N1 PAYSTATION TO
TEN CENT SERVICE

Parts Required:

(A)	1	4-36 x 1/4" F.H.I.M. Screw
(B)	1	P-51605 Circuit Label
(C)	1	P-51586 Direction Card
(D)	1	P-60529-A 2 Nickel Mechanism & Chute Assembly
(E)	1	P-60562 Transfer Spring with Blk-Bl Wire Lead
(F)	1	P-60534 Auxiliary Transfer Spring Assembly
(G)	1	P-60535-A Auxiliary Terminal Assembly

Changes in Lower:

1. Mount (F) on backplate using the two (2) 6-40 tapped holes located to the right of terminal block & directly above transfer springs. To be mounted so that spring is facing down. Disconnect present "blue" lead from ground switch spring & tape & replace with "black-blue" lead wired to (F).
2. Replace transfer spring #6 with (D).
3. Remove "blue" lead from relay ground switch spring & tape (or cut off) & connect Black-Bl lead on (E) to this same spring.
4. Replace present circuit label with (B).

Changes in Upper:

1. Remove jack strip from housing & assemble (G) in vacant slot by means of (A). Remount jack strip.
2. Remove present coin chute, disassemble resonator from chute and reassemble resonator to (D). Wire in mechanism and resonator per circuit (B).
3. Replace present direction card with (C).

Type 34-A-9-N1 to Type 34-A-9-55
Ckt. P-51233 to Ckt. P-51605

METHOD OF CONVERTING TYPE 34A-11 PAYSTATION TO TEN CENT SERVICE

Parts Required:

(A)	1	P-11763	Chute Cover
(B)	1		4-36 x 1/4" F.H.I.M. Screw
(C)	1	P-51608	Circuit Label
(D)	1	P-51599	Direction Card
(E)	1	P-60534	Aux. Trans. Spring Assembly
(F)	1	P-60535-A	Aux. Terminal Assembly
(G)	1	P-60537	Rejector Assembly
(H)	1	P-60547-C	Double Rectifier Assembly
(J)	1	P-60554-A	Auxiliary Terminal Assembly
(K)	1	P-51597	Dial (2 additional shunt springs)
(L)	2	D-17640-A	Washers
(M)	1	P-51334	Dial Wire (Green)
(N)	1	P-51619	Dial Wire (Brown)
(P)	1		4 x 3/8" R.H.I.W. Screw
(R)	2		4-48 x 3/4" R.H.I.M. Screw

Changes in Lower:

1. Mount (E) on backplate using the two (2) 6-40 tapped holes located to the right of terminal block & directly above transfer springs. To be mounted so spring is facing down. Connect "black-blue" on (E) to 90 ohm coil screw terminal.
2. Remove present 90 ohm res. coil (or present single rectifier) from 90 ohm relay coil and replace with (H). Wire in (H) per (C).
3. Assemble (J) to #6 transfer spring by replacing present wood screw with (P).
4. Replace present circuit label with (C).

Changes in Upper:

1. Remove jack strip from housing & assemble (F) in vacant slot by means of (B). Replace jack strip.
2. Remove chute assembly.
3. Remove present dial and replace with (K) connecting (M), (N) per (C).
4. Disassemble resonator assembly from chute & remove chute cover. Replace chute cover with (A) & mount (G) on chute, using (L) between chute & (G). Reassemble resonator assembly to chute & remount chute, resonator & rejector assembly.
5. Wire in (K) & (G) per circuit (C).

METHOD OF CONVERTING TYPE 34A-11-C PAYSTATION TO
TEN CENT SERVICE

Parts Required:

(A)	1	P-51608	Circuit Label
(B)	1	P-51599	Direction Card
(C)	1	P-60534	Aux. Trans. Spring Assembly
(D)	1	P-60537	Rejector Assembly
(E)	1	P-60547-C	Double Rectifier Assembly
(F)	1	P-60554-A	Auxiliary Terminal Assembly
(G)	1	P-51597	Dial (2 additional shunt springs)
(H)	2	D-17640-A	Washers
(J)	1	P-51334	Dial Wire (Green)
(K)	1	P-51619	Dial Wire (Brown)
(L)	1		#4 x 3/8" R.H.I.M. Screw
(M)	2		4-48 x 9/16" R.H.I.M. Screws

Changes in Lower:

1. Mount (C) on backplate using the two (2) 6-40 tapped holes located to the right of terminal block & directly above transfer springs. To be mounted so spring is facing down. Connect "black-blue" on (C) to 90 ohm coil screw terminal.
2. Remove present 90 ohm res. coil (or present single rectifier) from 90 ohm relay coil and replace with (E). Wire in (E) per (A).
3. Assemble (F) to #6 transfer spring by replacing present wood screw with (L).
4. Replace present circuit label with (A).

Changes in Upper:

1. Remove chute assembly.
2. Remove present dial and replace with (G) connecting (J), (K) per (A).
3. Remove chute assembly and break out section in nickel channel. Assemble (D) to chute & remount chute using (M) in place of present screws. On mounting (D) to chute, check to see that bracket is below flush of opening in chute channel and that rough edges on chute, created by breaking out the chute section for ejector spring, are smooth. Check operation of ejector spring in channel to determine if nickel will be ejected with ejector spring in un-operated position and nickel will clear spring & be accepted with spring in operated position.
4. Wire in (G) & (D) per circuit (A).
5. Replace direction card with (B).

Type 34A-11-C to Type 34A-11-10
Ckt. P-50130 to Ckt. P-51608

METHOD OF CONVERTING TYPE 34A-11-N1 PAYSTATION TO
TEN CENT SERVICE

Parts Required:

(A)	1	P-11763	Chute Cover
(B)	1		4-36 x 1/4" F.H.I.M. Screw
(C)	1	P-51610	Circuit Label
(D)	1	P-51599	Direction Card
(E)	1	P-60534	Aux. Trans. Spring Assembly
(F)	1	P-60535-A	Aux. Terminal Assembly
(G)	1	P-60537	Rejector Assembly
(H)	1	P-60547-C	Double Rectifier Assembly
(J)	1	P-60554-A	Auxiliary Terminal Assembly
(K)	1	P-51597	Dial (2 additional shunt springs)
(L)	2	D-17640-A	Washers
(M)	1	P-51334	Dial Wire (Green)
(N)	1	P-51619	Dial Wire (Brown)
(P)	1		4 x 3/8" R.H.I.W. Screw

Changes in Lower:

1. Mount (E) on backplate using the two (2) 6-40 tapped holes located to the right of terminal block & directly above transfer springs. To be mounted so spring is facing down. Connect "black-blue" on (E) to 90 ohm coil screw terminal.
2. Remove present 90 ohm res. coil (or present single rectifier) from 90 ohm relay coil and replace with (H). Wire in (H) per (C).
3. Assemble (J) to #6 transfer spring by replacing present wood screw with (P).
4. Replace present circuit label with (C).

Changes in Upper:

1. Remove jack strip from housing & assembly (F) in vacant slot by means of (B). Replace jack strip.
2. Remove chute assembly.
3. Remove present dial and replace with (K) connecting (M), (N) per (C).
4. Disassemble resonator assembly from chute & remove chute cover. Replace chute cover with (A) & mount (G) on chute, using (L) between chute & (G). Reassemble resonator assembly to chute & remount chute, resonator & rejector assembly.
5. Wire in (K) & (G) per circuit (C).

NOTE: Strap between transfer springs #3 & #6 will have to be removed & Blk-Red lead on trans. term. 6 will have to be moved up to trans. term. 3. In the upper "Blue" dial wire lead is to be moved from jack strip term. 6 to jack strip term. 3.

Type 34A-11-N1 to Type 34A-11-N1-10
Ckt. P-51236 to Ckt. P-51610

METHOD OF CONVERTING TYPES 150-G & 150-H PAYSTATIONS TO
TEN CENT SERVICE

Parts Required:

(A)	1	P-51602	Circuit Label
(B)	1	P-51586	Direction Card
(C)	1	P-60529-A	2 Nickel Mechanism & Chute Assembly
(D)	1	P-60394	Terminal Assembly
(E)	1	P-60338	Terminal Assembly
(F)	2		6-40 x 1-1/2" R.H.I.M. Screws
(G)	2	P-11273	Bushings
(H)	2	P-11366	Bushings
(J)	6	P-11305	Insulators
(K)	2	P-10315	Insulators
(L)	1	P-11171	Transfer Spring
(M)	2		6-40 x 3/4" R.H.I.M. Screws

Changes in Lower:

1. Remove present Vertical Transfer Switch from backplate & disassemble. Reassemble Vertical Transfer Switch assembly adding (L) under top four (4) insulators and adding one (1) of (J) and one (1) of (K) between present top spring & added (L). Use Screws (M) for new switch. Refer to P-60170 blueprint attached for reference. Re-wire per (A).

Changes in Upper:

1. Remove present Horizontal Transfer Switch, disassemble and reassemble per sketch attached using (D), (E), (F), (G), (H), 5 of (J) and 1 of (K).
2. Remove present coin chute and replace with (C).
3. Rewire per (A).
4. Replace present circuit label with (A).
5. Replace present direction card with (B).

Type 150-G & Type 150-H to
Type 150-G-55 & Type 150-H-55
Ckt. P-50027 (or C-341) to Ckt. P-51602

METHOD OF CONVERTING TYPE 150-GJ PAYSTATION TO TEN CENT SERVICE

Parts Required:

(A)	1	P-10315	Insulator (Horizontal Transfer Switch Assem.)
(B)	4	P-11305	Insulator (Horizontal & Vertical Trans. Sw. Assems.)
(C)	1	P-11795	Aux. Contact Spring (Horizontal Transfer Switch)
(D)	1	P-11796	Aux. Contact Spring (Vertical Transfer Switch)
(E)	4	P-11797	Bushings (Horizontal & Vertical Transfer Sws.)
(F)	2		(Vertical Transfer Switch) 6-40 x 7/8" R.H.I.M. Screws
(G)	2		(Horizontal Transfer Switch) 6-40 x 1-1/2" R.H.I.M. Screws
(H)	1	P-51590	Circuit Label
(J)	1	P-51586	Direction Card
(K)	1	P-60529-A	2 Nickel Mechanism & Chute Assembly

Changes in Lower:

1. Remove vertical transfer switch from backplate, disassemble & add 2 (B) & 1 (D) replacing present bushings & screws with 2 (E) & (F) respectively. See Drg. P-60543.
2. Disconnect "yellow" lead (connecting relay coil & "Y" terminal on terminal block) from terminal block end & connect to "1A" spring terminal (D). Disconnect "black" lead (connecting "BK" terminal on terminal block & "BK-YY" term. on transfer switch) from "BK" end & connect to "Y" terminal on terminal block. Add black strap across "BK" & "BK-GN" terminals on terminal block.
3. Replace circuit label with (H) Type 150-GJ-55 circuit label.

Changes in Upper:

1. Remove horizontal transfer switch disassemble & add 1 (A), 2 (B) and 1 (C) replacing present bushings & screws with 2 (E) and (G) respectively. See Drg. P-60544.
2. Remove present coin chute, disassemble resonator from chute and reassemble resonator to (K). Wire in mechanism and resonator per circuit (H).
3. Replace present direction card with (J).

Type 150-GJ to Type 150-GJ-55
Ckt. P-50242 to Ckt. P-51590

METHOD OF CONVERTING TYPE 150-GJ-C PAYSTATION TO TEN CENT SERVICE

Parts Required:

(A)	1	P-10315	Insulator (Horizontal Transfer Switch Assem.)
(B)	4	P-11305	Insulator (Horizontal & Vertical Trans. Sw. Assems.)
(C)	1	P-11795	Aux. Contact Spring (Horizontal Transfer Switch)
(D)	1	P-11796	Aux. Contact Spring (Vertical Transfer Switch)
(E)	4	P-11797	Bushings (Horizontal & Vertical Transfer Sws.)
(F)	2		(Vertical Transfer Switch) 6-40 x 7/8" R.H.I.M. Screws
(G)	2		(Horizontal Transfer Switch) 6-40 x 1-1/2" R.H.I.M. Screws
(H)	1	P-51590	Circuit Label
(J)	1	P-51586	Direction Card
(K)	1	P-60530	2 Nickel Mechanism Assembly
(L)	1		4-48 x 13/32" R.H.I.M. Screw

Changes in Lower:

1. Remove vertical transfer switch from backplate, disassemble and add 2 (B) & 1 (D) replacing present bushings & screws with 2 (E) & (F) respectively. See Drg. P-60543.
2. Disconnect "yellow" lead (connecting relay coil & "Y" terminal on terminal block) from terminal block end & connect to "1A" spring terminal (D). Disconnect "black" lead (connecting "BK" terminal on terminal block & "BK-YY" term. on transfer switch) from "BK" end & connect to "Y" terminal on terminal block. Add black strap across "BK" & "BK-GN" terminals on terminal block.
3. Replace circuit label with (H) Type 150-GJ-55 circuit label.

Changes in Upper:

1. Remove horizontal transfer switch, disassemble & add 1 (A), 2 (B) and 1 (C) replacing present bushings & screws with 2 (E) and (G) respectively. See Drg. P-60544.
2. Remove chute from housing and assemble (K) to chute in the two (2) proper holes using (L) for mounting (K) on hole located to the left in place of the presently used screw. Check location of microswitch operating arm to ensure that arm is centrally located in center of slot in the nickel channel. Drop approximately twenty-five (25) nickels in channel to determine that coins will engage operating arm and that coins will alternately lock and release operating arm without failure.
3. Wire in (K) per circuit (H).
4. Replace present direction card with (J).

Type 150-GJ-C to Type 150-GJ-55
Ckt. P-50242 to Ckt. P-51590

METHOD OF CONVERTING TYPES 750 & 751 PAYSTATIONS TO TEN CENT SERVICE

Parts Required:

(A)	1	P-11763	Chute Cover
(B)	1	P-51609	Circuit Label
(C)	1	P-51599	Direction Card
(D)	1	P-60537	Rejector Assembly
(E)	1	P-60547-C	Double Rectifier Assembly
(F)	1	P-60554-A	Auxiliary Terminal Assembly
(G)	1	P-51597	Dial (2 additional shunt springs)
(H)	2	D-17640-A	Washers
(J)	1	P-51334	Dial Wire (Green)
(K)	1	P-51619	Dial Wire (Brown)
(L)	1		4 x 3/8" R.H.I.W. Screw
(M)	1	P-11162	Terminal Block
(N)	1	P-11163	Transfer Spring
(P)	1	P-60562	Transfer Spring with Blk-B1 Lead
(R)	1		3 x 3/8" R.H.I.W. Screw
(S)	1		4 x 3/8" R.H.I.W. Screw

Changes in Lower:

1. Remove terminal block assembly and replace with (M) by disassembling all terminals and transfer springs and reassembling to (M).
2. Add (P) to terminal block in 5th slot down using (R) & connect "Black-Blue" lead to 90 ohm coil terminal. Add (N) and (F) to terminal block in 6th slot down using (S).
3. Remove present 90 ohm resistance coil (or present single rectifier) from 90 ohm relay coil and replace with (E). Wire in per (B).
4. Replace present circuit label with (B).

Changes in Upper:

1. Remove chute assembly.
2. Remove present dial and replace with (G) connecting (J) & (K) per (B).
3. Remove chute cover & replace with (A) and mount (D) on chute using (H) between chute and (D). Reassemble resonator assembly to chute and remount chute and rejector assembly.
4. Wire in (G) and (D) per circuit (B).
5. Replace direction card with (C).

Type 750 & Type 751 to
Type 750-10 & Type 751-10
Ckt. C-239 to Ckt. P-51609

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