

Conversion Instructions from old £1 coin to new £1 coin DCT / ADM & SCT



This leaflet describes procedures to convert the Peradon range of meters.
The conversion kits should contain the following items: -

Pre 2011 DCT

1 x wall bracket fitted with new coin entry plate
1 x runway
1x double sided VHB tape

Post 2011 DCT

1 x coin entry plate

ADM & SCT

1 x safety plate
1 x coin acceptor

Tools Required

No. 1 9 inch pozidrive screwdriver
Medium slotted screwdriver
Small pliers
Small hammer (DCT only)
M3.5 spanner or nut spinner (ADM & SCT)

Pre 2011 DCT

1 Switch off electricity supply.

2 Remove cash box.

3 Unlock front cover and lift upwards allowing lower part of cover to come towards you. Pull cover forwards and away from wall bracket and disconnect lead from the power supply board (PSU). See Figure 5.

4 Disconnect electrical connections marking the position of wires and remove wall bracket from the wall.

5 Remove two screws from coin bracket and insulation plate (Figure 1) and remaining screw holding runway cover (Figure 2) and lift off. Discard coin bracket and put two screws, insulation plate and runway cover to one side.

Coin Bracket (& Insulation Plate DCT)

Remove
screws

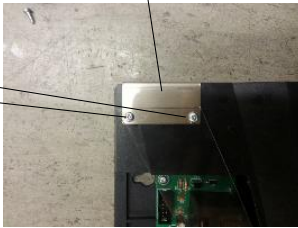


Figure 1

Remove screws



Figure 2

6 Remove two screws and the spacer from power supply board, two nuts from terminal block and carefully prise relay from side of bracket. If fitted remove earth terminal block and lift out complete power assembly (Figure 4).

7 Discard old wall bracket and fit power assembly to the new wall bracket using the fixings from the old wall bracket and double sided tape supplied.

Runway locating holes

Optional earth block

Terminal Block

Relay

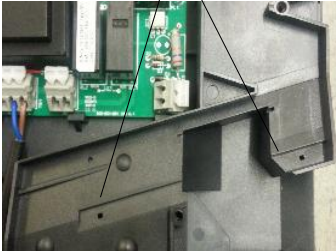


Figure 3



Figure 4

8 Fit new runway supplied ensuring the lugs are correctly located in the corresponding holes (Figure 3).

9. Re-fit runway cover and insulation plate using retained screws. Attach wall bracket to the wall and re-connect electrical connections ensuring they are re-connected correctly.

10. Reconnect PSU lead (Figure 5) and refit and lock front cover.

11. Replace cash box and switch on electricity supply.

Post 2011 DCT

1 Switch off electricity supply.

2 Remove cash box.

3 Unlock front cover and lift upwards allowing lower part of cover to come towards you. Pull cover forwards and away from wall bracket and disconnect lead from the power supply board (PSU). See Figure 5.

4 Remove two screws from insulation plate and remaining screw holding runway cover and put to one side (Figure 8).

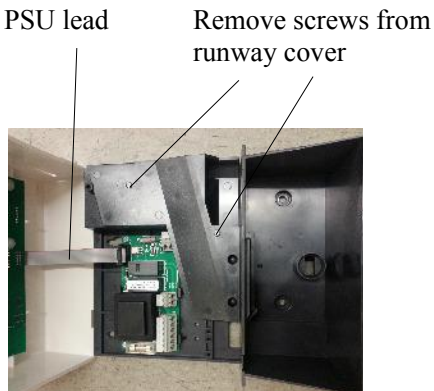
5 Remove old coin entry slot and discard.

6 Insert new coin entry plate into wall bracket slot (Figure 6) and tap securely into place (Figure 7).

7 Check runway hasn't moved and then replace runway cover and insulation plate.

8 Reconnect PSU lead (Figure 5) and refit and lock front cover.

9 Replace cash box and switch on electricity supply.



Insulation plate & screws

Runway fixing screw

Figure 8



ADM & SCT

1 Switch off electricity supply.

2 Remove cash box.

3 Insert a No. 1 nine inch pozidrive screwdriver through the hole uncovered by removing the cashbox and remove the recessed screw holding the front panel (Figure 9).

4 Remove the front panel by pushing downwards as far as possible, pulling the bottom edge slightly outwards and then lifting panel upwards. It is essential that panel recess is clear of case lip before attempting to lift panel out. Rotate front panel and withdraw nine way connector from printed circuit board thus separating front panel from meter case (Figure 10).

5 Remove old safety plate and discard (Figure 11)

6 Fit new safety plate supplied.



Figure 9



Figure 10



Figure 11

7 Take the front panel and remove the spade terminals from the coin acceptor noting position of the wires (Figure 12). If a display board is fitted remove seven way connector from top board (Figure 13). Remove top PCB by gently squeezing retaining clips in the PCB supports. Slide display board (if fitted) slightly away from the coin acceptor (Figure 14).

8 Using a nut spinner or spanner of size M3.5 undo the four nuts holding the coin acceptor and remove coin acceptor keeping all fixings.

9 Fit new coin acceptor supplied using retained fixings ensuring earth is correctly fitted. Tighten securely. Refit circuit board(s) and 5-way connector ensuring correct connection (Figures 15 and 16).

10 Refit spade terminals ensuring correct connection and remove retaining clip from bottom of new coin acceptor (Figures 15 and 16).

Spade terminals

Optional 7-way connector

5-way connector

Earth connection

Coin acceptor fixings

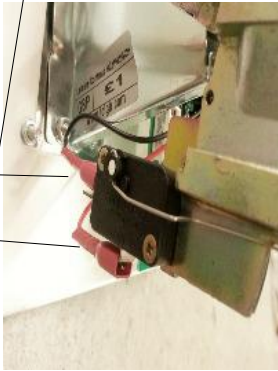


Figure 12



Figure 13

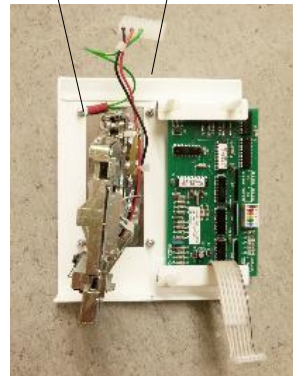


Figure 14

11 Refit front panel making sure the nine way connector is the correct way round (Figure 16) and the top of the front panel is located in top lip of the case. Replace the recessed screw making sure the screw head is flush with the front panel but do not over-tighten.

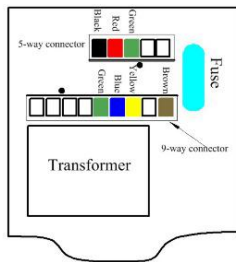
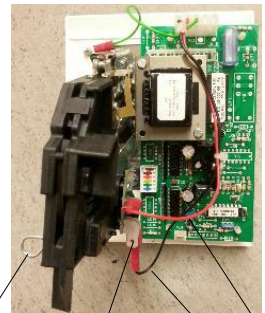


Figure 15



Remove clip Not connected Red Black

Figure 16

12 Insert and lock the cash box.

13 Switch on the electricity supply.



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