Electronic Coin Drop

Tumble Dryer

Refer to Page 3 for Model Numbers

Keep These Instructions for Future Reference.
(If this machine changes ownership, this manual must accompany machine.)

⚠ WARNING

Failure to install, maintain, and/or operate this machine according to the manufacturer's instructions may result in conditions which can produce bodily injury and/or property damage.

W030

NOTE: The WARNING and IMPORTANT instructions appearing in this manual are not meant to cover all possible conditions and situations that may occur. It must be understood that common sense, caution, and carefulness are factors which cannot be built into these tumble dryers. These factors MUST BE supplied by the person(s) installing, maintaining, or operating the tumble dryers.

Always contact the distributor, service agent, or the manufacturer about any problems or conditions you do not understand.

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70291801

Model Identification

Information in this manual is applicable to these models:

	Gas				Steam/Thermal Oil		Electric	
25 Pound	HA025L HA025N HT025L HT025N HU025L HU025N	LA025L LA025N LT025L LT025N LU025L LU025N	PA025L PA025N PT025L PT025N PU025L PU025N	SA025L SA025N ST025L ST025N SU025L SU025N	HT025S HU025S LT025S LU025S	PT025S PU025S ST025S SU025S	HT025E HU025E LT025E LU025E	PT025E PU025E ST025E SU025E
30 Pound	HA030L HA030N HT030D HT030L HT030N HU030L HU030N	LA030L LA030N LT030L LT030N LU030L LU030N PA030L	PA030N PT030L PT030N PU030L PU030N SA030L SA030N	ST030D ST030L ST030N SU030L SU030N	HT030S HU030S LT030S LU030S	PT030S PU030S ST030S SU030S	HT030E HU030E LT030E LU030E	PT030E PU030E ST030E SU030E
30 Pound Stacked	HAT30L HAT30N HTT30D HTT30L HTT30N HUT30L HUT30N	LAT30L LAT30N LTT30L LTT30N LUT30L LUT30N PAT30L	PAT30N PTT30L PTT30N PUT30L PUT30N SAT30L SAT30N	STT30D STT30L STT30N SUT30L SUT30N	HTT30S HUT30S LTT30S LUT30S	PTT30S PUT30S STT30S SUT30S	HTT30E HUT30E LTT30E LUT30E	PTT30E PUT30E STT30E SUT30E
35 Pound	HA035L HA035N HT035L HT035N HU035L HU035N	LA035L LA035N LT035L LT035N LU035L LU035N	PA035L PA035N PT035L PT035N PU035L PU035N	SA035L SA035N ST035L ST035N SU035L SU035N	HT035S HU035S LT035S LU035S	PT035S PU035S ST035S SU035S	HT035E HU035E LT035E LU035E	PT035E PU035E ST035E SU035E
45 Pound Stacked	HAT45L HAT45N HTT45D HTT45L	HTT45N HUT45L HUT45N SAT45L	SAT45N STT45D STT45L STT45N	SUT45L SUT45N	Not Applicable		Not Applicable	
50 Pound	HA050L HA050N HT050L HT050N HU050L HU050N LA050L	LA050N LT050L LT050N LU050L LU050N PA050L PA050N	PT050L PT050N PU050L PU050N SA050L SA050N ST050D	ST050L ST050N SU050L SU050N	HT050S HT050T HU050S HU050T LT050S LT050T LU050S LU050T	PT050S PT050T PU050S PU050T ST050S ST050T SU050S SU050T	HT050E HU050E LT050E LU050E	PT050E PU050E ST050E SU050E
55 Pound	HA055L HA055N HT055D HT055L	HT055N HU055L HU055N SA055L	SA055N ST055D ST055L ST055N	SU055L SU055N	Not Applicable		HT055E HU055E	ST055E SU055E
75 Pound	HA075L HA075N HT075L HT075N HU075L HU075N LA075L	LA075N LT075L LT075N LU075L LU075N PA075L PA075N	PT075L PT075N PU075L PU075N SA075L SA075N ST075D	ST075L ST075N SU075L SU075N	HT075S HT075T HU075S HU075T LT075S LT075T LU075S LU075T	PT075S PT075T PU075S PU075T ST075S ST075T SU075S SU075T	HT075E HU075E LU075E LT075E	PT075E PU075E ST075E SU075E

(Control suffixes listed on next page.)

Model Identification

Includes models with the following control suffixes:

BB – reversing basic electronic coin

BC – basic electronic coin

LB – reversing network adaptable coin

LC – network adaptable coin

NC – NetMaster coin

WB – reversing network ready coin

WC – network ready coin

ZC – NetMaster coin network

Applying Overlay and Coin Label

To add overlay and coin drop denomination label (supplied in accessories bag), perform the following steps:

1. Remove coin drop label and insert sheet from accessories bag.

2. Cut out appropriate label or create a label with appropriate coins if desired label is not available on 38725 insert sheet.

3. Slide appropriate label into window of adhesive backed overlay.

4. Remove paper backing from adhesive backed coin drop overlay.

5. Align and apply overlay to front of control panel.

For stacked tumble dryers, this procedure must be followed for BOTH the upper and lower pockets.

Setting Dipswitches

To set a dipswitch to determine which coins the machine will accept, refer to information below for your coin drop.

Electronic Coin Drop 70294101

The electronic coin drop comes preset from the factory ready to accept US and Canadian coins (dipswitches 13 and 14 in OFF [Accept] position) and preset to block currency for Japan and Taiwan (dipswitches 11 and 12 in ON [Blocked] position). To change drop to accept another currency, the appropriate dipswitch must be in OFF (Accept) position and the remaining dipswitches must be in ON (Blocked) position.

NOTE: Switch is in up position when ON (Blocked) and is in down position when OFF (Accept).

The electronic coin drop is capable of accepting or blocking coins based on the electronic signal generated by the coins. If the drop is accepting invalid coins (slugs, foreign coins, etc.), the tolerances can be narrowed (valid coins may be occasionally rejected, but they will be returned to the customer). To set the drop to accept only medium tolerances, the dipswitch for the wide tolerance must be in the ON (Blocked) position. For instance, 0.25 USD wide (dipswitch 1) should be in ON (Blocked) position. To completely block a specific coin, the wide, medium and narrow (1.00 CAD only) tolerance dipswitches for that coin must be in the ON (Blocked) position.

Coin Output 1 of the drop is used for coins listed below. For US and Canada coins, the drop gives one signal for 0.25 USD/CAD, two signals for 0.50 CAD, four signals for 1.00 USD/CAD and eight signals for 2.00 CAD. (Coin Value 1 on the electronic control must be set for 0.25. Refer to the control's Programming manual for instructions on setting coin values.) For Japan coins, the drop gives one signal for 100 JPY and five signals for 500 JPY. (Coin Value 1 on the electronic control must be set for 100. Refer to the control's Programming manual for instructions on setting coin values.) For Taiwan coins, the drop gives one signal for 10 TWD and five signals for 50 TWD. (Coin Value 1 on the electronic control must be set for 10. Refer to the control's Programming manual for instructions on setting coin values.)

Preset 70294101 Dipswitch Settings

Dipswitch	Coin/Token Type	Blocked (ON position)	Accept (OFF position)
1	0.25 CAD/0.25USD/100 JPY/10 TWD *wide*		X
2	0.25 CAD/0.25USD/100 JPY/10 TWD *medium*		X
3	0.50 CAD/500 JPY old/50 TWD old *wide*		X
4	0.50 CAD/500 JPY old/50 TWD old *medium*		X
5	1.00 CAD/1.00 USD/500 JPY new/50 TWD new/ 50 TWD 2002 *wide*		X
6	1.00 CAD/1.00 USD/500 JPY new/50 TWD new/ 50 TWD 2002 *medium*		X
7	1.00 CAD *narrow*		X
8	Teachmode		X
9	2.00 CAD *wide*		X
10	2.00 CAD *medium*		X
11	Taiwan currency	X	
12	Japan currency	X	
13	US currency		X
14	Canada currency		X
15	Teachmode 15		X
16	Teachmode 16		X

Electronic Coin Drop 70294103

The electronic coin drop comes preset from the factory ready to accept Great Britain coins (dipswitch 13 in OFF [Accept] position) and preset to block Euro currency (dipswitch 14 in ON [Blocked] position). To change drop to accept Euro coins, dipswitch 14 must be in OFF (Accept) position and dipswitch 13 must be in ON (Blocked) position.

NOTE: Switch is in up position when ON (Blocked) and is in down position when OFF (Accept).

The electronic coin drop is capable of accepting or blocking coins based on the electronic signal generated by the coins. If the drop is accepting invalid coins (slugs, foreign coins, etc.), the tolerances can be narrowed (valid coins may be occasionally rejected, but they will be returned to the customer). To set the drop to accept only medium tolerances, the dipswitch for the wide tolerance must be in the ON (Blocked) position. For instance, 0.20 GBP wide (dipswitch 1) should be in ON (Blocked) position. To completely block a specific coin, the wide, medium and narrow (0.50, 1.00 and 2.00 EUR only) tolerance dipswitches for that coin must be in the ON (Blocked) position.

Coin Output 1 of the drop is used for coins listed below. The drop gives two signals for 0.20 GBP/EUR, five signals for 0.50 GBP/EUR, ten signals for 1.00 GBP/EUR, and 20 signals for 2.00 GBP/EUR. (Coin Value 1 on the electronic control must be set for 0.10. Refer to the control's Programming manual for instructions on setting coin values.)

Preset 70294103 Dipswitch Settings

Dipswitch	Coin/Token Type	Blocked (ON position)	Accept (OFF position)
1	0.20 GBP/0.20 EUR *wide*		X
2	0.20 GBP/0.20 EUR *medium*		X
3	0.50 GBP/0.50 EUR *wide*		X
4	0.50 GBP/0.50 EUR *medium*		X
5	1.00 GBP/1.00 EUR *wide*		X
6	1.00 GBP/1.00 EUR *medium*		X
7	2.00 GBP/2.00 EUR *wide*		X
8	Teachmode		X
9	2.00 GBP/2.00 EUR *medium*		X
10	0.50 EUR *narrow*		X
11	1.00 EUR *narrow*		X
12	2.00 EUR *narrow*		X
13	Great Britain currency		X
14	Euro currency	X	
15	Teachmode 15		X
16	Teachmode 16		X

Electronic Coin Drop 70294104

The electronic coin drop comes preset from the factory ready to accept Euro coins (dipswitch 15 in OFF [Accept] position) and preset to block currency for Denmark and Norway (dipswitches 13 and 14 in ON [Blocked] position). To change drop to accept another currency, the appropriate dipswitch must be in OFF (Accept) position and the remaining dipswitches must be in ON (Blocked) position.

NOTE: Switch is in up position when ON (Blocked) and is in down position when OFF (Accept).

The electronic coin drop is capable of accepting or blocking coins based on the electronic signal generated by the coins. If the drop is accepting invalid coins (slugs, foreign coins, etc.), the tolerances can be narrowed (valid coins may be occasionally rejected, but they will be returned to the customer). To set the drop to accept only medium tolerances, the dipswitch for the wide tolerance must be in the ON (Blocked) position. For instance, 0.20 EUR wide (dipswitch 1) should be in ON (Blocked) position. To completely block a specific coin, the wide, medium and narrow (0.50, 1.00 and 2.00 EUR only) tolerance dipswitches for that coin must be in the ON (Blocked) position.

Coin Output 1 of the drop is used for coins listed below. For Euro coins, the drop gives two signals for 0.20 EUR, five signals for 0.50 EUR, 10 signals for 1.00 EUR, and 20 signals for 2.00 EUR. (Coin Value 1 on the electronic control must be set for 0.10. Refer to the control's Programming manual for instructions on setting coin values.) For Denmark and Norway coins, the drop gives one signal for 1.00 DKK/NOK, two signals for 2.00 DKK, five signals for 5.00 DKK/NOK, 10 signals for 10.00 DKK/NOK, and 20 signals for 20.00 DKK/NOK. (Coin Value 1 on the electronic control must be set for 1.00. Refer to the control's Programming manual for instructions on setting coin values.)

Preset 70294104 Dipswitch Settings

Dipswitch	Coin/Token Type	Blocked (ON position)	Accept (OFF position)
1	1.00 DKK new/ 2.00 DKK new/1.00 NOK new/0.20 EUR *wide*		X
2	1.00 DKK new/1.00 NOK new/0.20 EUR *medium*		X
3	2.00 DKK new *medium*		X
4	5.00 DKK new/5.00 NOK new/0.50 EUR *wide*		X
5	5.00 DKK new/5.00 NOK new/0.50 EUR *medium*		X
6	10.00 DKK/20.00 DKK/10.00 NOK new/20.00 NOK/1.00 EUR/2.00 EUR *wide*		X
7	10.00 DKK/10.00 NOK new/1.00 EUR *medium*		X
8	Teachmode		X
9	20.00 DKK/20.00 NOK/2.00 EUR *medium*		X
10	0.50 EUR *narrow*		X
11	1.00 EUR *narrow*		X
12	2.00 EUR *narrow*		X
13	Denmark currency	X	
14	Norway currency	X	
15	Euro currency		X
16	Teachmode 16		X

Electronic Coin Drop 70294105

The electronic coin drop comes preset from the factory ready to accept .20, 1.00 and 2.00 Australian coins and .20 New Zealand old coins (dipswitches 11 and 12 in OFF [Accept] position). It is also preset to block currency for New Zealand 1.00, 2.00 and .20 2006, Hong Kong and South Korea (dipswitches 9, 13 and 14 in ON [Blocked] position). To change drop to accept another currency, the appropriate dipswitch must be in OFF (Accept) position and the remaining dipswitches must be in ON (Blocked) position.

NOTE: Switch is in up position when ON (Blocked) and is in down position when OFF (Accept).

The electronic coin drop is capable of accepting or blocking coins based on the electronic signal generated by the coins. If the drop is accepting invalid coins (slugs, foreign coins, etc.), the tolerances can be narrowed (valid coins may be occasionally rejected, but they will be returned to the customer). To set the drop to accept only medium tolerances, the dipswitch for the wide tolerance must be in the ON (Blocked) position. For instance, 0.20 AUD wide (dipswitch 2) should be in ON (Blocked) position. To completely block a specific coin, the wide and medium tolerance dipswitches for that coin must be in the ON (Blocked) position.

Coin Output 1 of the drop is used for coins listed below. For Australia and New Zealand, the drop gives one signal for 0.20 AUD/NZD (old and 2006), five signals for 1.00 AUD/NZD, and 10 signals for 2.00 AUD/NZD. (Coin Value 1 on the electronic control must be set for 0.20. Refer to the control's Programming manual for instructions on setting coin values.) For Hong Kong coins, the drop gives one signal for 5.00 HKD and two signals for 10.00 HKD. (Coin Value 1 on the electronic control must be set for 5.00. Refer to the control's Programming manual for instructions on setting coin values.) For South Korea coins, the drop gives one signal for 500 KRW. (Coin Value 1 on the electronic control must be set for 500. Refer to the control's Programming manual for instructions on setting coin values.)

Preset 70294105 Dipswitch Settings

Dipswitch	Coin/Token Type	Blocked (ON position)	Accept (OFF position)
1	5.00 HKD old/ 500 KRW *wide*		X
2	0.20 AUD/0.20 NZD old/.20 NZD 2006 *wide*/5.00 HKD old/500 KRW *medium*		X
3	0.20 AUD/0.20 NZD old/.20 NZD 2006 *medium*/5.00 HKD new *wide*		X
4	1.00 AUD/1.00 NZD *wide*/5.00 HKD new *medium*		X
5	10.00 HKD *wide*/1.00 AUD/1.00 NZD *medium*		X
6	2.00 AUD/2.00 NZD *wide*/10.00 HKD *medium*		X
7	2.00 AUD/2.00 NZD *medium*		X
8	Teachmode		X
9	South Korea currency	X	
10	Not Used	X	
11	New Zealand .20 old and Australia .20 currency		X
12	Australia 1.00 and 2.00 currency		X
13	New Zealand .20 2006, 1.00 and 2.00 currency	X	
14	Hong Kong currency	X	
15	Teachmode 15		X
16	Teachmode 16		X

Electronic Coin Drop 70294106

The electronic coin drop comes preset from the factory ready to accept US and Ecuador coins (dipswitches 13 and 14 in OFF [Accept] position) and preset to block currency for Mexico (dipswitch 12 in ON [Blocked] position). To change drop to accept another currency, the appropriate dipswitch must be in OFF (Accept) position and the remaining dipswitches must in ON (Blocked) position.

NOTE: Switch is in up position when ON (Blocked) and is in down position when OFF (Accept).

The electronic coin drop is capable of accepting or blocking coins based on the electronic signal generated by the coins. If the drop is accepting invalid coins (slugs, foreign coins, etc.), the tolerances can be narrowed (valid coins may be occasionally rejected, but they will be returned to the customer). To set the drop to accept only medium tolerances, the dipswitch for the wide tolerance must be in the ON (Blocked) position. For instance, 0.25 USD wide (dipswitch 1) should be in ON (Blocked) position. To completely block a specific coin, the wide and medium tolerance dipswitches for that coin must be in the ON (Blocked) position.

Coin Output 1 of the drop is used for coins listed below. For US and Ecuador coins, the drop gives one signal for 0.25 USD/ECS and four signals for 1.00 USD. (Coin Value 1 on the electronic control must be set for 0.25. Refer to the control's Programming manual for instructions on setting coin values.) For Mexico coins, the drop gives two signals for 2.00 MXN, five signals for 5.00 MXN and ten signals for 10.00 MXN. (Coin Value 1 on the electronic control must be set for 100. Refer to the control's Programming manual for instructions on setting coin values).

Preset 70294106 Dipswitch Settings

Dipswitch	Coin/Token Type	Blocked (ON position)	Accept (OFF position)
1	0.25 ECS/0.25 USD *wide*		X
2	0.25 ECS/0.25 USD *medium*		X
3	1.00 USD *wide*		X
4	1.00 USD *medium*		X
5	2.00 MXN *wide*		X
6	2.00 MXN *medium*		X
7	5.00 MXN *wide*		X
8	Teachmode		X
9	5.00 MXN *medium*		X
10	10.00 MXN 92-95/10.00 MXN 97-98 *wide*		X
11	10.00 MXN 92-95/10.00 MXN 97-98 *medium*		X
12	Mexico currency	X	
13	Ecuador currency		X
14	United States currency		X
15	Teachmode 16		X
16	Teachmode 17		X

Electronic Coin Drop 70294107

The electronic coin drop comes preset from the factory ready to accept Lithuanian coins (dipswitch 13 in OFF [Accept] position) and preset to block currency for Latvian and Euro coins (dipswitches 14 and 15 in ON [Blocked] position). To change drop to accept another currency, the appropriate dipswitch must be in OFF (Accept) position and the remaining dipswitches must in ON (Blocked) position.

NOTE: Switch is in up position when ON (Blocked) and is in down position when OFF (Accept).

The electronic coin drop is capable of accepting or blocking coins based on the electronic signal generated by the coins. If the drop is accepting invalid coins (slugs, foreign coins, etc.), the tolerances can be narrowed (valid coins may be occasionally rejected, but they will be returned to the customer). To set the drop to accept only medium tolerances, the dipswitch

for the wide tolerance must be in the ON (Blocked) position. For instance, 0.50 LTL wide (dipswitch 2) should be in ON (Blocked) position. To completely block a specific coin, the wide and medium tolerance dipswitches for that coin must be in the ON (Blocked) position.

Coin Output 1 of the drop is used for coins listed below. For Lithuanian and Latvian coins, the drop gives one signal for 0.50 LTL/LVL, two signals for 1.00 coins, and four signals for 2.00 LTL/LVL. (Coin Value 1 on the electronic control must be set for 0.50. Refer to the control's Programming manual for instructions on setting coin values.) For Euro coins, the drop gives two signals for 0.20 EURO, five signals for 0.50 EURO, ten signals for 1.00 EURO, and 20 signals for 2.00 EURO. (CoinValue 1 on the electronic control must be set for 0.10. Refer to the control's Programming manual for instructions on setting coin values.)

Preset 70294107 Dipswitch Settings

Dipswitch	Coin/Token Type	Blocked (ON position)	Accept (OFF position)
1	0.20 Euro *wide*		X
2	0.50 LTL/LVL/EURO *wide*		X
3	1.00 LTL/LVL/EURO *wide*		X
4	2.00 Old LVL *wide*		X
5	2.00 LTL/New LVL/EURO *wide*		X
6	0.20 EURO *medium*		X
7	0.50/1.00/2.00 EURO *medium*		X
8	Teachmode		X
9	0.50 LTL/LVL *medium*/0.50 EURO *narrow*		X
10	1.00 LTL/LVL *medium*/1.00 EURO *narrow*		X
11	2.00 Old LVL *medium*		X
12	2.00 LTL/new LVL *medium*/2.00 EURO *narrow*		X
13	Lithuanian currency		X
14	Latvian currency	X	
15	Euro currency	X	
16	Teachmode 16		X

Electronic Coin Drop 70294108

The electronic coin drop comes preset from the factory ready to accept Malaysian coins (dipswitch 14 in OFF [Accept] position) and preset to block Chinese and Russian currency (dipswitches 12 and 13 in ON [Blocked] position). To change drop to accept another currency, the appropriate dipswitch must be in OFF (Accept) position and the remaining dipswitches must be in ON (Blocked) position.

NOTE: Switch is in up position when ON (Blocked) and is in down position when OFF (Accept).

The electronic coin drop is capable of accepting or blocking coins based on the electronic signal generated by the coins. If the drop is accepting invalid coins (slugs, foreign coins, etc.), the tolerances can be narrowed (valid coins may be occasionally rejected, but they will be returned to the customer). To set the drop to accept only medium tolerances, the dipswitch for the wide tolerance must be in the ON (Blocked) position. For instance, 0.10 MYR wide (dipswitch 1) should be in ON (Blocked) position. To completely block a specific coin, the wide and medium tolerance dipswitches for that coin must be in the ON (Blocked) position.

Coin Output 1 of the drop is used for coins listed below. For Malaysian coins, the drop gives one signal for .10 MYR, two signals for 0.20 MYR and five signals for .50 MYR. (Coin Value 1 on the electronic control must be set for .10. Refer to the control's Programming manual for instructions on setting coin values.) For Chinese coins, the drop gives one signal for 1.00 CNY. (Coin Value 1 on the electronic control must be set for 1.00. Refer to the control's Programming manual for instructions on setting coin values.) For Russian coins, the drop gives one signal for 5.00 RUB and two signals for 10.00 RUB. (Coin Value 1 on the electronic control must be set for 5.00. Refer to the control's Programming manual for instructions on setting coin values.)

Preset 70294108 Dipswitch Settings

Dipswitch	Coin/Token Type	Blocked (ON position)	Accept (OFF position)
1	1.00 CNY/5.00 RUB/.10 MYR *wide*		X
2	1.00 CNY/5.00 RUB/.10 MYR *medium*		X
3	10.00 RUB/.20 MYR *wide*		X
4	10.00 RUB/.20 MYR *medium*		X
5	.50 MYR *wide*		X
6	.50 MYR *medium*		X
7	Not used		X
8	Teachmode		X
9	Not used		X
10	Not used		X
11	Not used		X
12	Chinese currency	X	
13	Russian currency	X	
14	Malaysian currency		X
15	Teachmode 15		X
16	Teachmode 16		X

 70291801

Electronic Coin Drop 70294109

The electronic coin drop comes preset from the factory ready to accept Malaysian coins (dipswitch 14 in OFF [Accept] position) and preset to block Singapore, Chinese and Russian currency (dipswitches 11, 12 and 13 in ON [Blocked] position). To change drop to accept another currency, the appropriate dipswitch must be in OFF (Accept) position and the remaining dipswitches must be in ON (Blocked) position.

NOTE: Switch is in up position when ON (Blocked) and is in down position when OFF (Accept).

The electronic coin drop is capable of accepting or blocking coins based on the electronic signal generated by the coins. If the drop is accepting invalid coins (slugs, foreign coins, etc.), the tolerances can be narrowed (valid coins may be occasionally rejected, but they will be returned to the customer). To set the drop to accept only medium tolerances, the dipswitch for the wide tolerance must be in the ON (Blocked) position. For instance, 0.10 MYR wide (dipswitch 1) should be in ON (Blocked) position. To completely block a specific coin, the wide and medium tolerance dipswitches for that coin must be in the ON (Blocked) position.

Coin Output 1 of the drop is used for coins listed below. For Malaysian coins, the drop gives one signal for .10 MYR, two signals for 0.20 MYR and five signals for .50 MYR. (Coin Value 1 on the electronic control must be set for .10. Refer to the control's Programming manual for instructions on setting coin values.) For Singapore coins, the drop gives one signal for .10 SGD, two signals for .20 SGD, five signals for .50 SGD and ten signals for 1.00 SGD. (Coin value 1 on the electronic control must be set for .10. Refer to the Control's Programing manual for instructions on setting coin values.)

For Chinese coins, the drop gives one signal for 1.00 CNY. (Coin Value 1 on the electronic control must be set for 1.00. Refer to the control's Programming manual for instructions on setting coin values.) For Russian coins, the drop gives one signal for 5.00 RUB and two signals for 10.00 RUB. (Coin Value 1 on the electronic control must be set for 5.00. Refer to the control's Programming manual for instructions on setting coin values.)

Preset 70294109 Dipswitch Settings

Dipswitch	Coin/Token Type	Blocked (ON position)	Accept (OFF position)
1	1.00 CNY/5.00 RUB non-magnetic *wide*/ **5.00 RUB magnetic *wide*/.10 MYR/.10 SGD *wide*		X
2	1.00 CNY/5.00 RUB non-magnetic *medium*/.10 MYR/.10 SGD *medium*		X
3	10.00 RUB/.20 MYR/.20 SGD *wide*		X
4	10.00 RUB/.20 MYR/.20 SGD *medium*		X
5	.50 MYR/.50 SGD/*10.00 RUB '09 t1 *wide*		X
6	.50 MYR/.50 SGD/*10.00 RUB '09 t1 *medium*		X
7	1.00 SGD/*10.00 RUB '09 t2 *wide*		X
8	Teachmode		X
9	1.00 SGD/*10.00 RUB '09 t2 *medium*		X
10	**5.00 RUB magnetic *medium*		X
11	Singapore currency	X	
12	Chinese currency	X	
13	Russian currency	X	
14	Malaysian currency		X
15	Teachmode 15		X
16	Teachmode 16		X

* This currency setting is available starting coin drop Serial No. 99600 and date code 12/10.
** This currency setting is available starting coin drop Serial No. 111196 and date code 10/10.

Electronic Coin Drop 70294110

The electronic coin drop comes preset from the factory ready to accept South African coins (dipswitch 14 in OFF [Accept] position).

NOTE: Switch is in up position when ON (Blocked) and is in down position when OFF (Accept).

The electronic coin drop is capable of accepting or blocking coins based on the electronic signal generated by the coins. If the drop is accepting invalid coins (slugs, foreign coins, etc.), the tolerances can be narrowed (valid coins may be occasionally rejected, but they will be returned to the customer). To set the drop to accept only medium tolerances, the dipswitch for the wide tolerance must be in the ON (Blocked) position. For instance, 1.00 ZAR wide (dipswitch 1) should be in ON (Blocked) position. To completely block a specific coin, the wide and medium tolerance dipswitches for that coin must be in the ON (Blocked) position.

Coin Output 1 of the drop is used for coins listed below. The drop gives one signal for 1.00 ZAR, two signals for 2.00 ZAR and five signals for 5.00 ZAR. (Coin Value 1 on the electronic control must be set for 1.00. Refer to the control's Programming manual for instructions on setting coin values.)

Preset 70294110 Dipswitch Settings

Dipswitch	Coin/Token Type	Blocked (ON position)	Accept (OFF position)
1	1.00 ZAR *wide*		X
2	1.00 ZAR *medium*		X
3	2.00 ZAR *wide*		X
4	2.00 ZAR *medium*		X
5	5.00 ZAR *wide*		X
6	5.00 ZAR *medium*		X
7	Not used		X
8	Teachmode		X
9	Not used		X
10	Not used		X
11	Not used		X
12	Not used		X
13	Not used		X
14	South African currency		X
15	Teachmode 15		X
16	Teachmode 16		X

Electronic Coin Drop 70294111

The electronic coin drop comes preset from the factory ready to accept Euro coins (dipswitch 14 in OFF [Accept] position). To change drop to block Euro coins, dipswitch 14 must be in ON (Blocked) position.

NOTE: Switch is in up position when ON (Blocked) and is in down position when OFF (Accept).

The electronic coin drop is capable of accepting or blocking coins based on the electronic signal generated by the coins. If the drop is accepting invalid coins (slugs, foreign coins, etc.), the tolerances can be narrowed (valid coins may be occasionally rejected, but they will be returned to the customer). To set the drop to accept only medium tolerances, the dipswitch for the wide tolerance must be in the ON (Blocked) position. For instance, 0.10 EUR wide (dipswitch 1) should be in ON (Blocked) position. To completely block a specific coin, all tolerance dipswitches for that coin must be in the ON (Blocked) position.

Coin Output 1 of the drop is used for coins listed below. The drop gives one signal for .10 EUR, two signals for 0.20 EUR, five signals for 0.50 EUR, ten signals for 1.00 EUR, and 20 signals for 2.00 EUR. (Coin Value 1 on the electronic control must be set for 0.10. Refer to the control's Programming manual for instructions on setting coin values.)

Preset 70294111 Dipswitch Settings

Dipswitch	Coin/Token Type	Blocked (ON position)	Accept (OFF position)
1	0.10 EUR *wide*		X
2	0.10 EUR *medium*		X
3	0.20 EUR *wide*		X
4	0.20 EUR *medium*		X
5	0.50 EUR *wide*		X
6	0.50 EUR *narrow*		X
7	1.00 EUR *wide*		X
8	Teachmode		X
9	1.00 EUR *narrow*		X
10	2.00 EUR *wide*		X
11	2.00 EUR *narrow*		X
12	Not used		X
13	Not used		X
14	Euro currency		X
15	Teachmode 15		X
16	Teachmode 16		X

Electronic Coin Drop 70294113 and 70294115

The electronic coin drop comes preset from the factory ready to accept US and Canadian coins (dipswitches 13 and 14 in OFF [Accept] position). To change drop to accept another currency, the appropriate dipswitch must be in OFF (Accept) position and the remaining dipswitches must be in ON (Blocked) position.

NOTE: Switch is in up position when ON (Blocked) and is in down position when OFF (Accept).

The electronic coin drop is capable of accepting or blocking coins based on the electronic signal generated by the coins. If the drop is accepting invalid coins (slugs, foreign coins, etc.), the tolerances can be narrowed (valid coins may be occasionally rejected, but they will be returned to the customer). To set the drop to accept only medium tolerances, the dipswitch for the wide tolerance must be in the ON (Blocked) position. For instance, 0.25 USD wide (dipswitch 1) should be in ON (Blocked) position. To completely block a specific coin, the wide, medium and narrow (1.00 CAD only) tolerance dipswitches for that coin must be in the ON (Blocked) position.

Coin Output 1 of the drop is used for coins listed below. For US and Canada coins, the drop gives one signal for .25 USD/CAD, two signals for .50 CAD, four signals for 1.00 USD/CAD and eight signals for 2.00 CAD. (Coin Value 1 on the electronic control must be set for .25. Refer to the control's Programming manual for instructions on setting coin values.)

Preset 70294113 and 70294115 Dipswitch Settings

Dipswitch	Coin/Token Type	Blocked (ON position)	Accept (OFF position)
1	0.25 CAD old/0.25 CAD 1999/0.25 USD *wide*		X
2	0.25 CAD old/0.25 CAD 1999/0.25 USD *medium*		X
3	0.50 CAD 1999 *wide*		X
4	0.50 CAD 1999 *medium*		X
5	1.00 CAD/1.00 CAD 2011/1.00 USD *wide*		X
6	1.00 CAD *medium*		X
7	1.00 CAD *narrow*/1.00 USD *medium*		X
8	Teachmode		X
9	1.00 CAD 2011 *medium*		X
10	2.00 CAD/2.00 CAD 2011 *wide*		X
11	2.00 CAD *medium*		X
12	2.00 CAD 2011 *medium*		X
13	US currency		X
14	Canada currency		X
15	Teachmode 15		X
16	Teachmode 16		X

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Electronic Coin Drop 70294114

The electronic coin drop comes preset from the factory ready to accept Japan coins (dipswitch 12 in OFF [Accept] position) and preset to block currency for Taiwan (dipswitch 11 in ON [Blocked] position). To change drop to accept another currency, the appropriate dipswitch must be in OFF (Accept) position and the remaining dipswitches must be in ON (Blocked) position.

NOTE: Switch is in up position when ON (Blocked) and is in down position when OFF (Accept).

The electronic coin drop is capable of accepting or blocking coins based on the electronic signal generated by the coins. If the drop is accepting invalid coins (slugs, foreign coins, etc.), the tolerances can be narrowed (valid coins may be occasionally rejected, but they will be returned to the customer). To set the drop to accept only medium tolerances, the dipswitch for the wide tolerance must be in the ON (Blocked) position. For instance, 100 JPY wide (dipswitch 1) should be in ON (Blocked) position. To completely block a specific coin, the wide and medium tolerance dipswitches for that coin must be in the ON (Blocked) position.

Coin Output 1 of the drop is used for coins listed below. For Japan coins, the drop gives one signal for 100 JPY and five signals for 500 JPY. (Coin Value 1 on the electronic control must be set for 100. Refer to the control's Programming manual for instructions on setting coin values.) For Taiwan coins, the drop gives one signal for 10 TWD and five signals for 50 TWD. (Coin Value 1 on the electronic control must be set for 10. Refer to the control's Programming manual for instructions on setting coin values.)

Preset 70294114 Dipswitch Settings

Dipswitch	Coin/Token Type	Blocked (ON position)	Accept (OFF position)
1	100 JPY/10 TWD *wide*		X
2	100 JPY/10 TWD *medium*		X
3	Unused		X
4	Unused		X
5	500 JPY new/50 TWD 2002 *wide*		X
6	500 JPY new/50 TWD 2002 *medium*		X
7	Unused		X
8	Teachmode		X
9	Unused		X
10	Unused		X
11	Taiwan currency	X	
12	Japan currency		X
13	Unused		X
14	Unused		X
15	Teachmode 15		X
16	Teachmode 16		X

Electronic Coin Drop 70294116

The electronic coin drop comes preset from the factory ready to accept Malaysian coins (dipswitches 13 and 14 in OFF [Accept] position) and preset to block Singapore and Chinese currency (dipswitches 11 and 12 in ON [Blocked] position). To change drop to accept another currency, the appropriate dipswitch must be in OFF (Accept) position and the remaining dipswitches must be in ON (Blocked) position.

NOTE: Switch is in up position when ON (Blocked) and is in down position when OFF (Accept).

The electronic coin drop is capable of accepting or blocking coins based on the electronic signal generated by the coins. If the drop is accepting invalid coins (slugs, foreign coins, etc.), the tolerances can be narrowed (valid coins may be occasionally rejected, but they will be returned to the customer). To set the drop to accept only medium tolerances, the dipswitch for the wide tolerance must be in the ON (Blocked) position. For instance, 0.10 MYR wide (dipswitch 1)

should be in ON (Blocked) position. To completely block a specific coin, the wide and medium tolerance dipswitches for that coin must be in the ON (Blocked) position.

Coin Output 1 of the drop is used for coins listed below. For Malaysian coins, the drop gives one signal for .10 MYR, two signals for 0.20 MYR and five signals for .50 MYR. (Coin Value 1 on the electronic control must be set for .10. Refer to the control's Programming manual for instructions on setting coin values.) For Singapore coins, the drop gives one signal for .10 SGD, two signals for .20 SGD, five signals for .50 SGD, and ten signals for 1.00 SGD. (Coin Value 1 on the electronic control must be set for .10. Refer to the control's Programming manual for instructions on setting coin values.) For Chinese coins, the drop gives one signal for 1.00 CNY. (Coin Value 1 on the electronic control must be set for 1.00. Refer to the control's Programming manual for instructions on setting coin values.)

Preset 70294116 Dipswitch Settings

Dipswitch	Coin/Token Type	Blocked (ON position)	Accept (OFF position)
1	1.00 CNY/.10 MYR/.10 SGD *wide*		X
2	1.00 CNY/.10 MYR/.10 SGD *medium*		X
3	.20 MYR/.20 SGD *wide*		X
4	.20 MYR/.20 SGD *medium*		X
5	.50 MYR/.50 SGD *wide*		X
6	.50 MYR/.50 SGD *medium*		X
7	1.00 SGD *wide*		X
8	Teachmode		X
9	1.00 SGD *medium*		X
10	Unused	X	
11	Singapore currency	X	
12	Chinese currency	X	
13	New Malaysian currency		X
14	Old Malaysian currency		X
15	Teachmode 15		X
16	Teachmode 16		X

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Electronic Coin Drop 70294117

The electronic coin drop comes preset from the factory ready to accept Russian coins (dipswitch 14 in OFF [Accept] position). To change drop to block Russian coins, dipswitch 14 must be in ON (Blocked) position.

NOTE: Switch is in up position when ON (Blocked) and is in down position when OFF (Accept).

The electronic coin drop is capable of accepting or blocking coins based on the electronic signal generated by the coins. If the drop is accepting invalid coins (slugs, foreign coins, etc.), the tolerances can be narrowed (valid coins may be occasionally rejected, but they will be returned to the customer). To set the drop to accept only medium tolerances, the dipswitch for the wide tolerance must be in the ON (Blocked) position. For instance, 5.00 RUB wide (dipswitch 1) should be in ON (Blocked) position. To completely block a specific coin, the wide and medium tolerance dipswitches for that coin must be in the ON (Blocked) position.

Coin Output 1 of the drop is used for coins listed below. The drop gives one signal for 5.00 RUB and two signals for 10.00 RUB. (Coin Value 1 on the electronic control must be set for 5.00. Refer to the control's Programming manual for instructions on setting coin values.)

Preset 70294117 Dipswitch Settings

Dipswitch	Coin/Token Type	Blocked (ON position)	Accept (OFF position)
1	5.00 RUB non-magnetic *wide*		X
2	5.00 RUB non-magnetic *medium*		X
3	5.00 RUB magnetic *wide*		X
4	5.00 RUB magnetic *medium*		X
5	10.00 RUB *wide*		X
6	10.00 RUB *medium*		X
7	10.00 RUB '09 t1 *wide*		X
8	Teachmode		X
9	10.00 RUB '09 t1 *medium*		X
10	10.00 RUB '09 t2 *wide*		X
11	10.00 RUB '09 t2 *medium*		X
12	Unused		X
13	Unused		X
14	Russian currency		X
15	Teachmode 15		X
16	Teachmode 16		X

Electronic Coin Drop 70294118

The electronic coin drop comes preset from the factory ready to accept Philippine coins.

NOTE: Switch is in up position when ON (Blocked) and is in down position when OFF (Accept).

The electronic coin drop is capable of accepting or blocking coins based on the electronic signal generated by the coins. If the drop is accepting invalid coins (slugs, foreign coins, etc.), the tolerances can be narrowed (valid coins may be occasionally rejected, but they will be returned to the customer). To set the drop to accept only medium tolerances, the dipswitch for the wide tolerance must be in the ON (Blocked) position. For instance, 5.00 PHP wide (dipswitch 1) should be in ON (Blocked) position. To completely block a specific coin, the wide and medium tolerance dipswitches for that coin must be in the ON (Blocked) position.

Coin Output 1 of the drop is used for coins listed below. The drop gives five signals for 5.00 PHP and ten signals for 10.00 PHP. (Coin Value 1 on the electronic control must be set for 1.00. Refer to the control's Programming manual for instructions on setting coin values.)

Preset 70294118 Dipswitch Settings

Dipswitch	Coin/Token Type	Blocked (ON position)	Accept (OFF position)
1	5.00 PHP *wide*		X
2	5.00 PHP *medium*		X
3	10.00 PHP *wide*		X
4	10.00 PHP *medium*		X
5	Not used		X
6	Not used		X
7	Not used		X
8	Teachmode		X
9	Not used		X
10	Not used		X
11	Not used		X
12	Not used		X
13	Not used		X
14	Not used		X
15	Teachmode 15		X
16	Teachmode 16		X

Electronic Coin Drop 70294119

The electronic coin drop comes preset from the factory ready to accept Thailand coins.

NOTE: Switch is in up position when ON (Blocked) and is in down position when OFF (Accept).

The electronic coin drop is capable of accepting or blocking coins based on the electronic signal generated by the coins. If the drop is accepting invalid coins (slugs, foreign coins, etc.), the tolerances can be narrowed (valid coins may be occasionally rejected, but they will be returned to the customer). To set the drop to accept only medium tolerances, the dipswitch for the wide tolerance must be in the ON (Blocked) position. For instance, 5.00 THB wide (dipswitch 10) should be in ON (Blocked) position. To completely block a specific coin, the wide and medium tolerance dipswitches for that coin must be in the ON (Blocked) position.

Coin Output 1 of the drop is used for coins listed below. The drop gives one signal for 1.00 THB, two signals for 2.00 THB, five signals for 5.00 THB and ten signals for 10.00 THB. (Coin Value 1 on the electronic control must be set for 1.00. Refer to the control's Programming manual for instructions on setting coin values.)

Preset 70294119 Dipswitch Settings

Dipswitch	Coin/Token Type	Blocked (ON position)	Accept (OFF position)
1	1.00 THB non-magnetic *wide*		X
2	1.00 THB non-magnetic *medium*		X
3	1.00 THB magnetic *wide*		X
4	1.00 THB magnetic *medium*		X
5	2.00 THB <05' *wide*	X	
6	2.00 THB <05' *medium*	X	
7	2.00 THB 07' *wide*	X	
8	Teachmode		X
9	2.00 THB 07' *medium*	X	
10	5.00 THB *wide*		X
11	5.00 THB *medium*		X
12	10.00 THB *wide*		X
13	10.00 THB *medium*		X
14	Not used		X
15	Teachmode 15		X
16	Teachmode 16		X

Teachmode

The Teachmode option allows the owner to program the coin drop to accept coins or tokens that differ from those shown in tables above. Refer to the following steps to set the coin selector to accept the new coins or tokens.

NOTE: The steps for setting Teachmode must be followed in the exact order shown below for the Teachmode to work properly.

1. Set dipswitch 8 to ON (Blocked) position.

2. Set dipswitch 15 **OR** dipswitch 16 to ON (Blocked) position (only dipswitches 15 and 16 are available for new coins or tokens).

IMPORTANT: DO NOT set both dipswitches 15 and 16 to ON (Blocked) position at same time.

NOTE: Dipswitch 15 is not available for Teachmode on Electronic Coin Drops 70294104 and 70294107.

3. Insert at least 10 different coins or tokens into the coin drop to program the coin selector.

4. Set dipswitch selected in step 2 to OFF (Accept) position.

NOTE: A click should be heard after setting dipswitch to OFF (Accept) position. If no click is heard, repeat steps 2-4.

5. Set dipswitch 8 to OFF (Accept) position.

6. Wait 15 seconds before testing meter with coins or tokens.

NOTE: When setting control to accept two (2) coins, repeat steps 1-6 for second coin.

When the teaching procedure has been completed, the coin drop magnet will operate briefly one time to indicate the Teachmode was successful.

If the coin or token used for the Teachmode has a signal that overlaps the signal of an already programmed coin, the coin selector magnet will operate twice briefly, indicating the new coin or token is not stored in the drop.

Coins or tokens programmed using the Teachmode will use coin output 2 of the drop and will give one signal for each coin or token entered into the drop. (Coin Value 2 on the electronic control must be set to the value desired for the coin or token. Refer to the control's Programming manual for instructions on setting coin values.)

Troubleshooting and Cleaning Coin Drop

When a coin is placed into coin slot, the coin should roll down drop and be heard dropping into coin vault. If coin does not fall into coin vault or if coin drop sensor does not register that coin has been entered, follow troubleshooting instructions below.

Troubleshooting Coin Drop

Is proper electrical power supplied to coin drop? Incorrect electrical connection may prevent coins from registering in coin drop. Refer to wiring diagram and service manual for proper connections.

Is machine level? Machines that are not level may prevent coins from following through required check stages of drop. Refer to Installation Instructions for instructions on leveling machine.

Is coin drop clean? Residue or lint build-up may prevent coins from following through required check stages of drop. Refer to *Cleaning Coin Drop* instructions below.

IMPORTANT: Never use oil to correct coin drop problems. Oil residue will prevent coins from rolling properly.

IMPORTANT: Do not bend or damage mechanical parts within coin drop.

Cleaning Coin Drop

The electronic coin drop should be cleaned once a year. Clean the drop more often if it is exposed to high levels of residue or lint build-up. Follow the instructions below for cleaning the coin drop.

1. Disconnect electrical power to machine and drop.

2. Remove coin drop from machine.

3. Open cover of coin drop. Refer to instructions for your coin drop below.

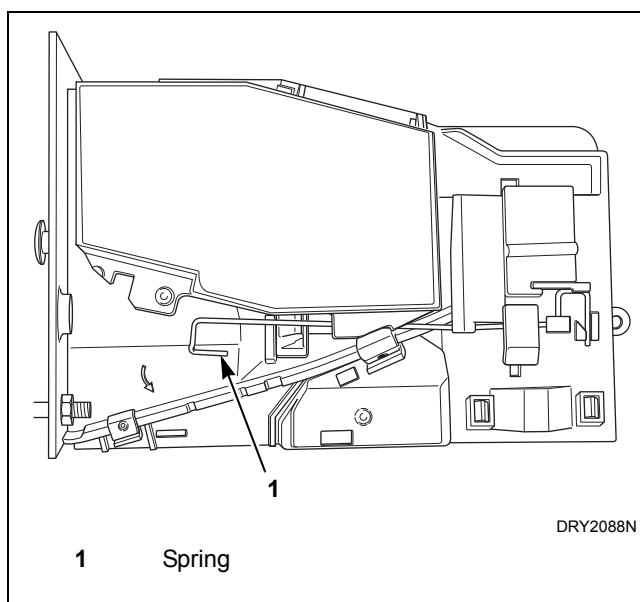*Coin Drops with Old-Style Spring (Refer to Figure 1.)*

| 1 | Spring |

Figure 1

a. Move spring downward until cover catch is free. Refer to *Figure 2*.

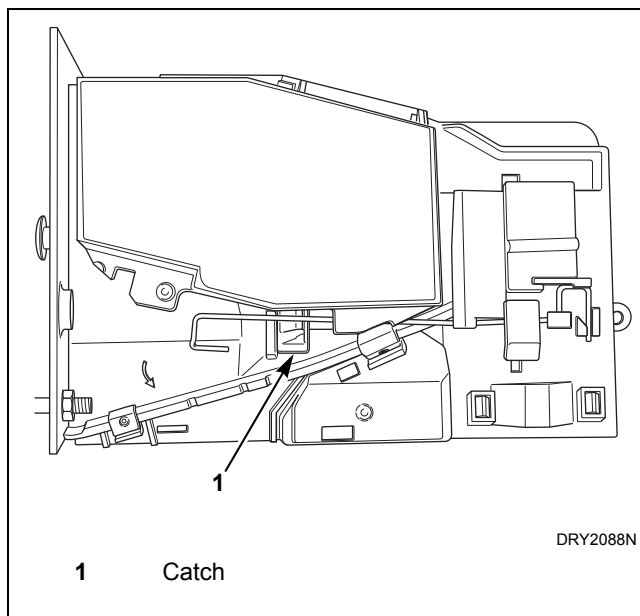**NOTE: Do not lift or overbend the spring in any direction.**

| 1 | Catch |

Figure 2

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b. Open cover for coin drop. Refer to *Figure 3*.

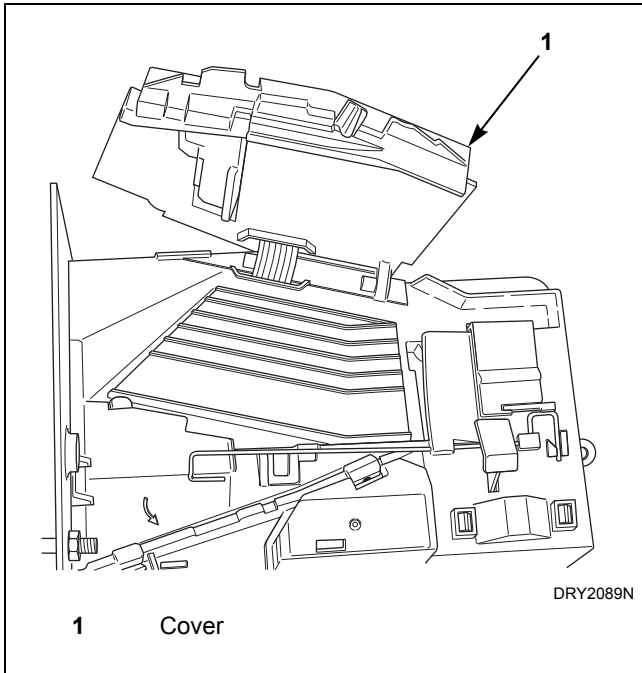| **1** | Cover |

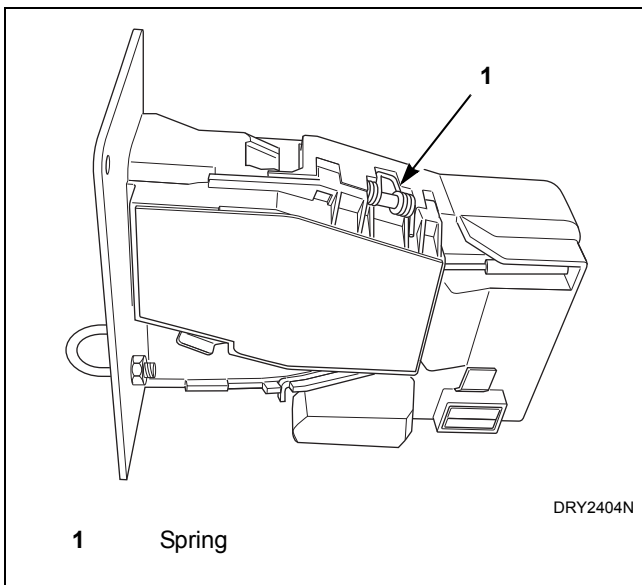Figure 3

Coin Drops with New-Style Spring (Refer to Figure 4.)

| **1** | Spring |

Figure 4

c. Open cover of coin drop. Refer to *Figure 5*.

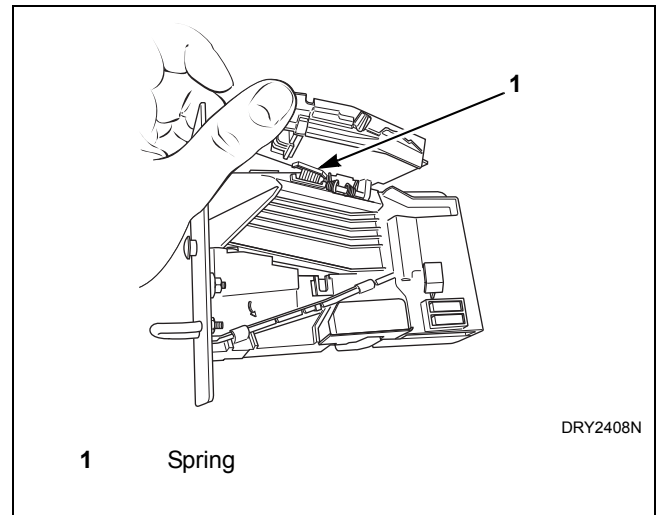**NOTE: Do not overbend the spring by opening cover too far.**

| **1** | Spring |

Figure 5

4. Clean the coin path with a soft brush and wipe exposed surfaces with an alcohol moistened cloth. Refer to *Figure 6* and *Figure 7*.
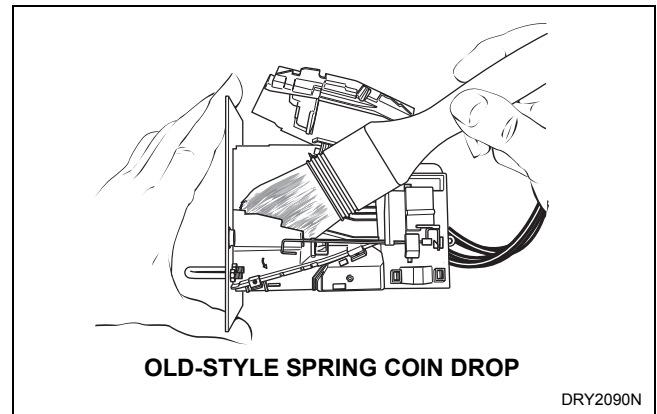

OLD-STYLE SPRING COIN DROP

Figure 6

NEW-STYLE SPRING COIN DROP

Figure 7

 70291801

5. Clean residue from coin rail with an alcohol moistened cloth. Refer to *Figure 8*.

| 1 | Alcohol Moistened Cloth |

DRY2406N
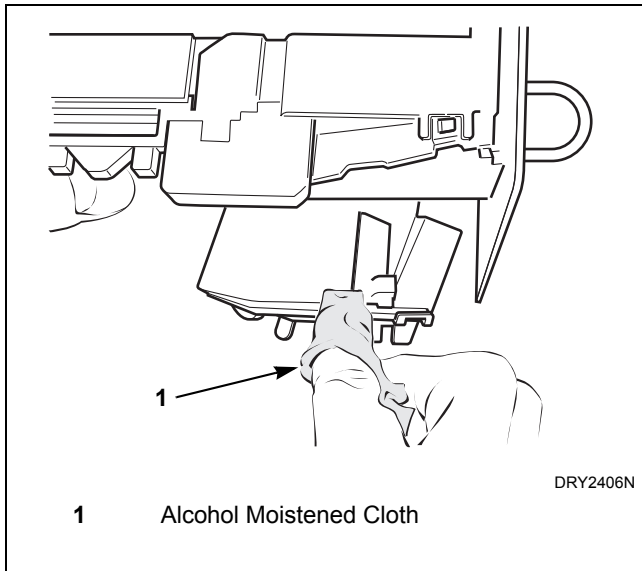
Figure 8

6. Clean light sensors with a soft brush or air spray duster. Refer to *Figure 9.*

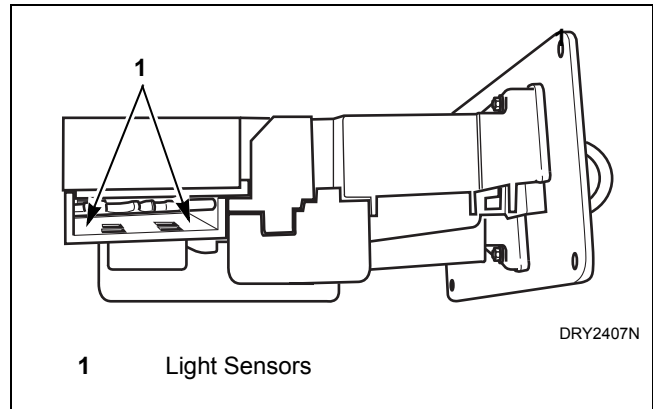| 1 | Light Sensors |

DRY2407N

Figure 9

7. Close cover for coin drop.

8. **Coin Drops with OLD-Style Spring** – Move spring back over cover catch.

9. Reinstall coin drop into machine.

10. Reconnect electrical power to machine and drop.

11. Add a coin to drop to verify that coin drop is operating properly and that electrical connection is working properly.