Slugbuster® I

Technical Information – Testing Inserting Sample Coin Adjusting Selectivity

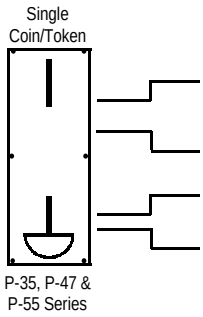
Testing

WARNING

Failure to test your Slugbuster coin acceptor according to these instructions may result in conditions which can cause property damage, bodily injury and/or death.

Test the selectivity adjustment and crediting function

1. Be sure the power to the unit is turned OFF
2. Insert a sample of the coin or token you want the unit to accept (see 'Inserting Coin' below). If you're using something other than a US quarter, also see Adjusting Selectivity on page 2.
3. Hook up a 24-volt AC power supply and a coin counter or 24-volt AC pilot light.
4. Turn the power ON
5. Insert a batch of coins into the top of the coin chute. You will need to repeat this several times, watching for the events listed below. Include batches of 'good coins' (coins matching the samples in your Slugbuster) and some slugs common to your area.
   - As each good coin is inserted, the indicator light will flash once, or the counter will count up one. All good coins should be accepted and credited, as indicated by the light flashes or coin counts.
   - All slugs should be rejected. Be sure to remove the rejected coins from the return cup, or they may jam the unit.



Test Hook up

24-volt AC Stepdown Transformer

Black Wire: Common/ground from 24-volt AC supply to Slugbuster

Yellow Wire: "Hot" 24-volt AC supply to Slugbuster

Purple Wire: 24-volt AC out-going pulse for optional coin counter

Blue Wire: 8-volt DC out-going pulse for timer coin switch; provides direct hook-up for most timers (please call for compatibility details)

Do not tamper with any screws or nuts covered with blue sealer.

These are factory-set adjustments and tampering with them voids your warranty.

Inserting Sample Coin or Token

Read this section carefully before purchasing tokens or attempting to change the sample coins.

For proper operation, there must be a sample of the coin you want the unit to accept in the sample holder.

All changes to the type of sample coins accepted must be approved by Parker Engineering and Manufacturing. For example, the Susan B. Anthony dollar coin is not currently compatible with P-55 Slugbuster models. Please call us for details at 800-752-0762.

- *Do not use a US quarter dated 1965 or 1974 as a sample.* The alloys used for these years do not make reliable samples.
- *The 70/30 copper/zinc alloy token is not recommended* since it is widely used in video games.
- *Do not use aluminum tokens,* as scrap aluminum is widely available and cannot be tuned out with selectivity adjustments.
- *Copper/nickel alloy tokens are not suitable for use.* Given their production variations, they cannot be reliably distinguished from nickels.

Before investing in tokens for your Slugbuster I, check your local area to be sure there are no other operators using similar size tokens of the same alloy.

Continued on next page….

Please contact us with any questions

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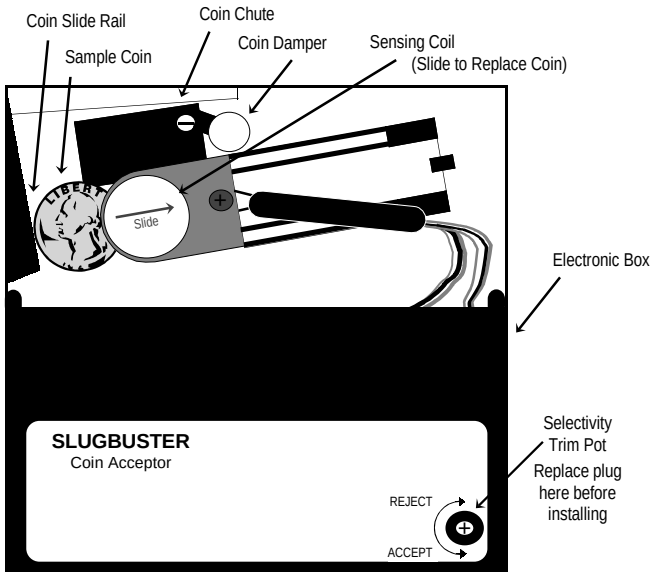
Email: info@slugbuster.com
Phone: 616-784-6500 or 800-752-0762
Fax: 616-784-6501

Inserting Sample Coin or Token (continued...)

To insert or change the sample coin:

1. Locate the sensing coil on your unit
2. Slide it in the direction of the arrow on the label, against the spring tension and remove the existing sample
3. Insert a new sample coin or token into the sensing coil and allow the spring tension to tighten the sensing coin against the sample. The sample must be centered under the sensing coil and firmly seated between it and the coin slide rail, as shown.



Do not tamper with screws or nuts covered with blue sealer.
AND
Do not remove the electronic box lid.

These are factory-set adjustments and tampering with them voids your warranty.

Adjusting Selectivity

Adjusting Sensitivity

Do not adjust the selectivity unless your unit malfunctions as described in 'Testing' on page 1.

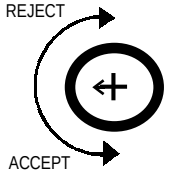
Your Slugbuster has been factory pre-set to accept US quarters and reject common slugs. If you wish to use a sample other than a US quarter, first insert your sample (see 'Inserting Samples' above). Then check the unit's performance as described in 'Testing' on page 1 to determine if you need to readjust the selectivity for your sample.

Use caution when adjusting the selectivity trim pot (potentiometer). It is extremely sensitive and very little movement will cause a change in performance. The full range of movement is 240°, or less than one turn. If you turn it too far either way, it will break and void your warranty. Turn the trim pot counter-clockwise (ACCEPT) to accept more borderline coins or tokens; turn clockwise (REJECT) to accept fewer kinds of slugs. NOTE: the unit must be powered up to make these adjustments.

For best results, use this procedure to adjust the selectivity:

1. Locate the sensing coil on your Slugbuster. There must be a sample coin or token in the sensing coil; check to be sure the sample is centered in the sensing coil and properly seated and secured.
2. Remove the plug from the lower right corner of the electronic box lid, exposing the selectivity trim pot.
3. Using a plastic stylus, turn the selectivity trim pot fully clockwise (REJECT). This should make the unit reject all coins, tokens and slugs.
4. Begin dropping your good coins into the unit, slowly turning the trim pot counter-clockwise until your Slugbuster begins to accept them. Turn the pot an additional 2-5 degrees counter-clockwise and stop.
5. Replace the plug in the trim pot. This completes the adjustment.

Enlarged View of Selectivity Trim Pot



If the unit is accepting incorrect coins, turn pot counter-clockwise;
If the unit is rejecting good coins, turn pot clockwise.

After Completing the Selectivity Adjustment, repeat the Testing Procedure on page 1.

When you are satisfied that you have the unit adjusted properly, **be sure to REPLACE THE PLUG to protect the electronics from dirt and water damage.** Installing the unit without the plug in place may void your warranty.

Cleaning Your Slugbuster

Clean your Slugbuster with a soft cloth and warm water. DO NOT use oil or other corrosive liquids.

Please contact us with any questions

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Rev 2/05