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## Recurring Payment Specifications

This page covers the specifications for the recurring payment routine on the 2Checkout.com system. It is provided for clients that want to use their own specialized program and have sufficient knowledge to code the procedures.

**Payment Routine:** <https://www.2checkout.com/cgi-bin/crbuyers/recpurchase.2c>

The following parameters must be passed from your routine to recpurchase.2c.

**sid** - your 2Checkout.com account number

**product\_id** - Product ID of the recurring product from the 2Checkout system to be billed.

Optional Parameters

**merchant\_order\_id** - order id from your system that you would like recorded and passed back.

**demo** - set to **Y** for testing or set the recurring routine to demo mode [here](#).

**DO NOT PASS DEMO IN OR LEAVE IT BLANK FOR LIVE PROCESSING.**

**Example:**

[https://www.2checkout.com/cgi-bin/crbuyers/recpurchase.2c?sid=124&product\\_id=1&merchant\\_order\\_id=test1&demo=Y](https://www.2checkout.com/cgi-bin/crbuyers/recpurchase.2c?sid=124&product_id=1&merchant_order_id=test1&demo=Y)

**Hint:** You can build the above string in your routine and then use the following directive (written in perl) to pass control to 2Checkout for payment.

```
print "Location: https://www.2checkout.com/cgi-bin/crbuyers/recpurchase.2c..... ";
```

The following parameters will be passed back to your routine. Optionally a confirmation email with your merchant order number and ours will be sent to you and the buyer when the credit card transaction is approved.

**order\_number** - 2Checkout.com order number

**merchant\_order\_id** - Your order number passed back

**product\_id** - 2Checkout.com Product ID #

**card\_holder\_name** - Card holders name

**street\_address** - Card holders address

**city** - Card holders address

**state** - Card holders address

**zip** - Card holders address

**country** - Card holders address

**email** - Card holders email

**phone** - Card holders phone number

**credit\_card\_processed** - "Y" if successful

**total** - Total billed to credit card.

If you send your customer a sales confirmation email containing the details of what was ordered. The confirmation email should contain the follow text:

---

Charges for the transaction will appear on your credit card statement under the name **2Checkout.com**.

Questions regarding your order should be directed to:

Your Company  
[www.yourcompany.com](http://www.yourcompany.com)  
[youremail@youremailaddress.com](mailto:youremail@youremailaddress.com)

If you have problems with the order and "Your Company" cannot help you, you may contact

**Recommendation:** The following perl code can be used to verify that the passback to your site was initiated by 2Checkout.

#####Begin Code Sample#####

```
@referers=("www.2checkout.com","2checkout.com");
&check_url;
sub check_url {
# Localize the check_referer flag which determines if user is valid.
local($check_referer) = 0;

# If a referring URL was specified, for each valid referer, make sure
# that a valid referring URL was passed to .

if ($ENV{'HTTP_REFERER'}) {
    foreach $referer (@referers) {
        if ($ENV{'HTTP_REFERER'} =~ m|https?://([^\/*]*)$referer|i) {
            $check_referer = 1;
            last;
        }
    }
}
else {
    $check_referer = 1;
}
# If the HTTP_REFERER was invalid, send back an error.
# It is possible that the referrer variable was simply not available for a variety of reasons.
if ($check_referer != 1) {
    print "Bad Referrer - Merchant should put in code to write to a log or mail themselves a
    note to verify order was billed in 2Checkout.com system"; }
}
```

#####End Code Sample#####

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