



— Magento Extension User Guide

STRIPE

for Magento 2



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Key Features

PCI SAQ-A eligibility: Stripe Elements collects all credit card data for you

PCI is an information security standard for organizations that handle branded credit cards. Stripe has the highest rate of PCI certification. Stripe gets PCI compliance for your payments by implementing Stripe's client-side tokenization in Stripe Elements.

Vault Option

Allows customers to save credit card details to use them for future purchases. When a customer makes his/her order on the checkout page and fills up the credit card data, he/she can choose to store the data for later use. Completing the next order will allow the customer to use already saved credit card data not typing it one more time.

Authorize or Authorize and Capture

There are two behaviors for payments processing and one must be set according to business processes.

Authorize helps you only to authorize an order amount and manually capture it by creating invoice when it's required. An authorization locks the order amount in the customer's bank account until the merchant captures it. For example, the transaction can be captured when you ship the products to the customer.

Authorize and Capture action tells Stripe to capture a transaction at the time of creating order. The transaction will transfer the order amount from the customer's bank account.

Void/cancel authorizations

When a payment was authorized and not captured yet, merchants can perform cancellation of the transaction from admin panel so the transaction will be released.

Expired authorizations

Stripe supports two-step card payments so you can first authorize a charge, then wait to settle (capture) it later. When a charge is authorized, the funds are guaranteed by the card issuer and the amount held on the customer's card for up to seven days. If the charge is not captured within seven days, the authorization is canceled and funds released. With the extension, you can charge for invoice total amount as a new transaction. It works only for customers who have stored credit card and have requested funds on their bank account.

Partially invoice orders

Partial invoicing is possible only if Authorize payment processing is used. Administrator adds a few products from an order to an invoice. Total amount of the invoice is captured from order transaction. Since only one capture is possible for a transaction, the rest of order amount will be released. Next invoices for the same order are possible with usage a stored credit card.

Country Specific Credit Card Types

An admin can specify in the configuration panel specific credit card types for specific countries. For example, you can specify to allow only American Express for the United States.

Multiple currencies support

Stripe has a great feature to receive payments in multiple currencies. Stripe accumulates separate balances for each currency. If possible, Stripe automatically sends payouts to an associated bank account (or debit card) for each currency, thereby avoiding exchange fees. Stripe Payments extension allows you to choose whether you want to process payments in base currency or actual order currency.

Partially Refund Orders

This option is very helpful when a customer completed an order and you don't have all products in stock so you have to refund part of a payment. Also, it's required returns management.

Secure Iframe Payment

Security plays a significant role in recent days so using Mageside's Stripe Payments extension will protect you from credit card hacks. All credit card data is sent directly from your customers to Stripe. Our extension implements Stripe Elements for all credit card details fields and so as none of the data comes to the server, it cannot be compromised.

Configuration

- **Enable this Solution** – To enable „Stripe Payments“ select “yes”.
- **Title** – Type the title which will be seen on store view.
- **Payment Action** – Select the type of payment action. Stripe supports two-step card payments so you can first authorize a charge, then wait to settle (capture) it later. When a charge is authorized, the funds are guaranteed by the card issuer and the amount held on the customer’s card for up to seven days. If the charge is not captured within this time, the authorization is canceled and funds released. **Authorize** helps you only to authorize an order amount and manually capture it by creating invoice when it’s required. An authorization locks the order amount in the customer’s bank account until the merchant captures it. For example, the transaction can be captured when you ship the products to the customer. **Authorize and Capture** action tells Stripe to capture a transaction at the time of creating order. The transaction will transfer the order amount from the customer’s bank account.

- **Expired Authorizations** – This option allows creating a new charge after expired days (usually it's seven days). The sum can be charged only if it's available on the payment card. Or an error message can be shown to admin and the payment card won't be captured.
- **Test Mode** – To enable test mode select "yes".
- **Publishable Key** – Type the publishable key which you got while creating Stripe account.
- **Secret Key** – Type the secret key

Enable this Solution [website]	Yes
Title [store view]	Credit Card (Stripe)
Payment Action [website]	Authorize
Expired Authorizations [website]	If a customer has a stored card, try to create a new charge Uncaptured authorizations will expire in seven days. What should we do when there is an attempt to capture such authorization?
Test Mode [website]	Yes
Publishable Key [website]
Secret Key [website]

- **Accepted Currency** – Select a type of accepted currency: base or store currency. **Base currency** is Stripe currency. **Store currency** is the currency that is used by the store.
- **New Order Status** – Select what type of order status should have a new order.
- **Vault Enabled** – Enable the vault if you want to let your customers to save payment cards information on Stripe servers. The customer can use saved cards for future purchases.
- **CVV Verification** – To enable CVV verification select “yes”.
- **Credit Card Types** – Select what credit card types are available in the extension.

Accepted Currency [website]	Base Currency	▼
New Order Status [website]	Processing	▼
Vault Enabled [website]	Yes	▼
	Enable vault if you want to save customer cards on Stripe's servers. These customers can use saved cards for future purchases.	
CVV Verification [website]	Yes	▼
	Be sure to Enable AVS and/or CVV in Your Stripe Account in Settings/Processing Section.	
Credit Card Types [website]	American Express Visa MasterCard Discover JCB Diners	

- **Country Specific Credit Card Types** – This option allows you to specify specific card types for a specific country. For example, screenshot shows us that Australia can use only Visa and MasterCard.
- **Transaction Descriptor** – Type a transaction descriptor.
- **Stripe Email Receipts** – Select “yes” if you want Stripe sends email receipts for successful payments and refunds.
- **Minimum Order Total** – Specify the minimum order total.

Country Specific Credit Card Types [website]

Country	Allowed Credit Card Types	Action
Australia	American Express Visa MasterCard Discover	
<input type="button" value="Add Rule"/>		

Transaction Descriptor [store view]
Store Name {order_no}
An arbitrary string to be displayed on your customer's credit card statement. This can be up to 22 characters. Use {order_no} as placeholder to include order number.

Stripe Email Receipts [website]
No
If yes, Stripe will send email receipts for successful payments and refunds.

Minimum Order Total [website]

- **Maximum Order Total** – Specify maximum order total.
- **Sort Order** – Specify the sort order.
- **Payment from Applicable Countries** – Specify the countries which are applicable for payment.
- **Payment from Specific Countries** – Select specific countries for payment.
- **Debug** – To enable debug select “yes”.

Maximum Order Total <small>[website]</small>	<input type="text"/>
Sort Order <small>[website]</small>	<input type="text"/>
Payment from Applicable Countries <small>[website]</small>	All Allowed Countries <input type="button" value="v"/>
Payment from Specific Countries <small>[website]</small>	<div style="border: 1px solid #ccc; padding: 5px;"><p>Afghanistan</p><p>Åland Islands</p><p>Albania</p><p>Algeria</p><p>American Samoa</p><p>Andorra</p><p>Angola</p><p>Anguilla</p><p>Antarctica</p><p>Antigua and Barbuda</p></div>
Debug <small>[website]</small>	No <input type="button" value="v"/>

Checkout Payment Form (Frontend)

Go to your store > **Add products to the Cart** > **Proceed to Checkout** > **Fill up the payment form** > **click "Save for later user"** to save the credit data.

 **PAYMENT METHOD:**

Credit Card (Stripe)

Credit Card Number *

Expiration Date *

Card Verification Number *

Save for later use. 

Vault Enabled

To enable **Vault** go to Configuration panel and enable this option > **Create the order** > **while filling up payment fields click "Save for later use" > Place Order**

Next time when the customer places the order he can choose the saved credit card.

 **PAYMENT METHOD:**

 ending 4242 (expires: 9/2019)

 ending 4444 (expires: 6/2021)

 **SELECT A NEW PAYMENT METHOD:**

Credit Card (Stripe)

 PayPal (Braintree)

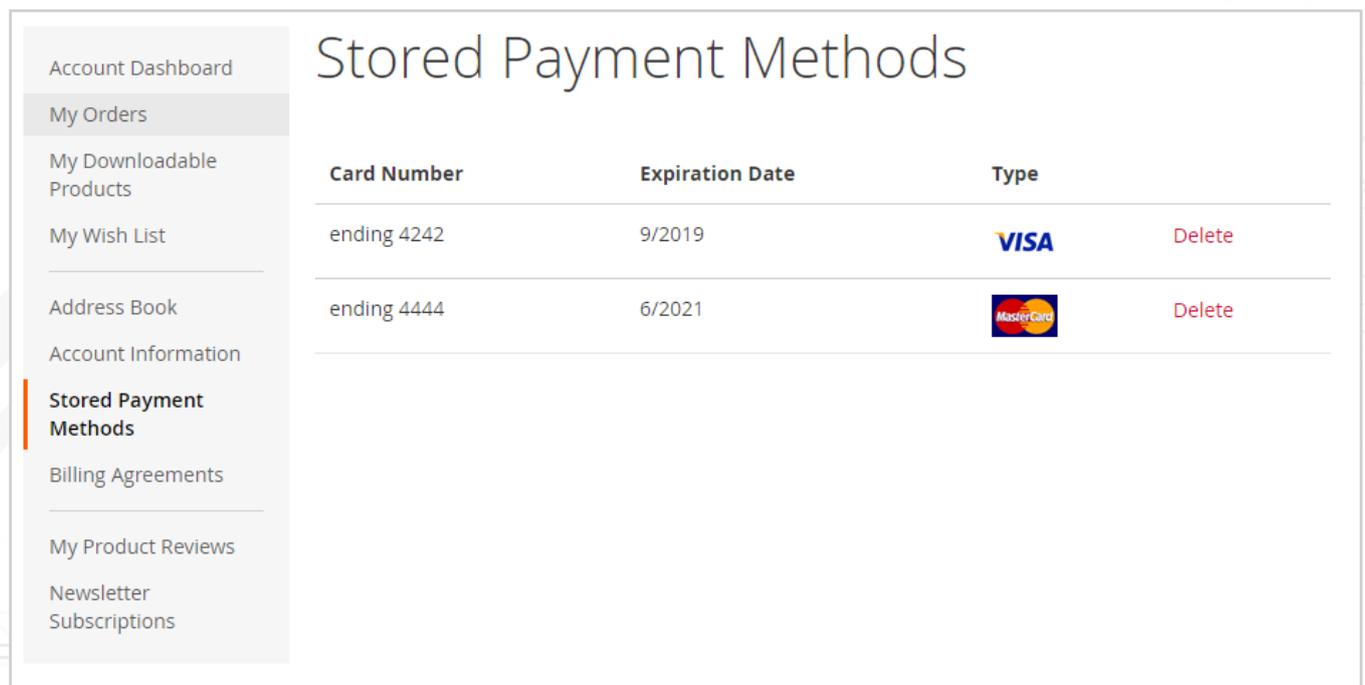
Credit Card (Braintree)

Check / Money order

[Apply Discount Code](#) ▾

Stored Payment Methods

Stored payment methods section allows the customer to view, delete stored payment methods.



Card Number	Expiration Date	Type	
ending 4242	9/2019		Delete
ending 4444	6/2021		Delete

Order Status Page (Frontend)

Account Dashboard

My Orders

My Downloadable Products

My Wish List

Address Book

Account Information

Stored Payment Methods

Billing Agreements

My Product Reviews

Newsletter Subscriptions

My Orders

Order #	Date	Ship To	Order Total	Status	Action
000000013	4/10/18	Test Testing	\$200.00	Processing	View Order Reorder
000000012	4/10/18	Test Testing	\$720.00	Processing	View Order Reorder

2 Item(s)

Show per page

Items Ordered

Product Name	SKU	Price	Qty	Subtotal
Didi Sport Watch	24-WG02	\$92.00	Ordered: 1	\$92.00
Clamber Watch	24-WG03	\$54.00	Ordered: 1	\$54.00
Bolo Sport Watch	24-WG01	\$49.00	Ordered: 1	\$49.00

Subtotal	\$195.00
Shipping & Handling	\$5.00
Gift Wrap	\$0.00
Grand Total	\$200.00

Order Information

Shipping Address

Test Testing
Shevchenko
Los Angeles, California, 12345
United States
T: +1 780-424-51

Shipping Method

Best Way - Table Rate

Billing Address

Test Testing
Shevchenko
Los Angeles, California, 12345
United States
T: +1 780-424-51

Payment Method

Credit Card (Stripe)

Checkout Payment Form (Admin Panel)

Stored Payment Methods

The admin form displays the same options as frontend checkout.

Payment & Shipping Information

Payment Method

- Stored Cards (Stripe)
-  ending 4444 (expires: 6/2021)
 -  ending 4242 (expires: 9/2019)
- Credit Card (Stripe)
- Stored Cards (Braintree)
- Credit Card (Braintree)
- Check / Money order

Shipping Method *

Best Way

Table Rate - **\$5.00**

[Click to change shipping method](#)

Payment & Shipping Information

Payment Method

- Stored Cards (Stripe)
- Credit Card (Stripe)

* Credit Card Type

American Express ▼

* Credit Card Number

* Expiration Date

MM/YY

* Card Verification Number

Save for later use.

Shipping Method *

Best Way

Table Rate - **\$5.00**

[Click to change shipping method](#)

Order Status Page (Admin Panel)

Admin order status page shows information about the order.

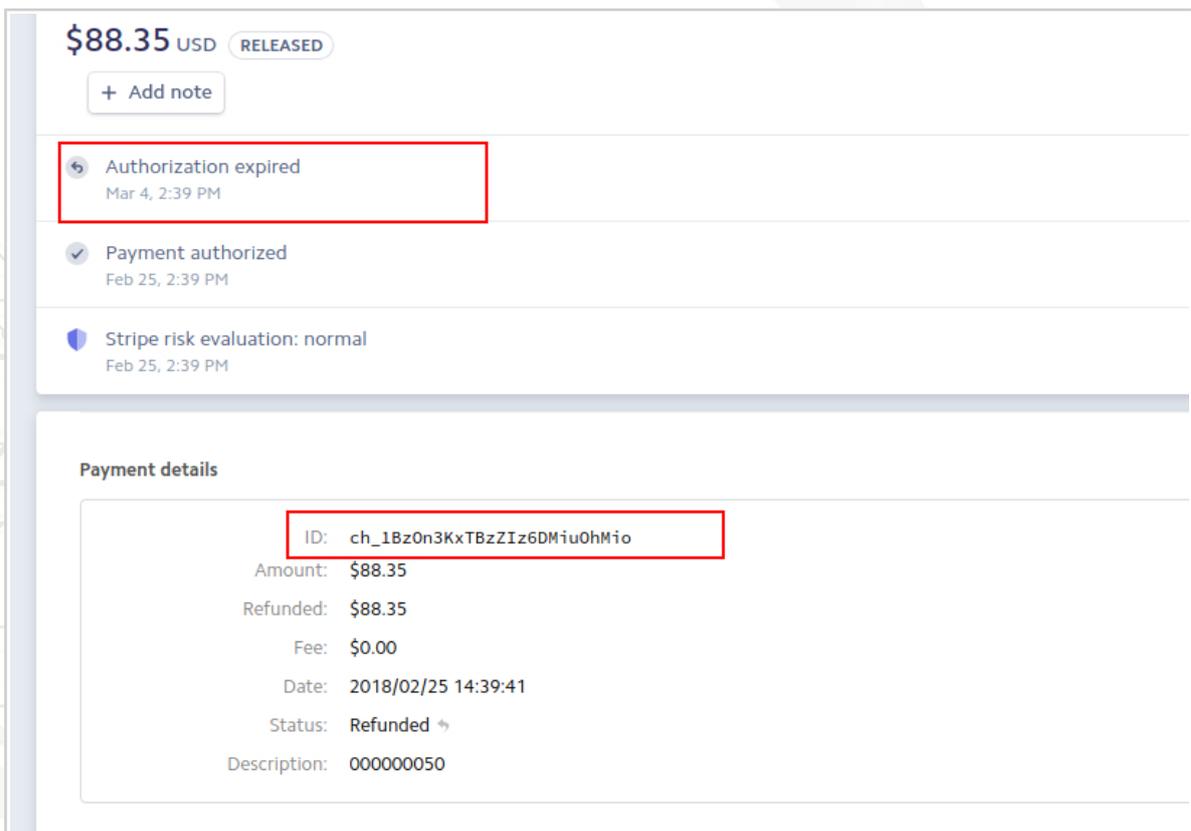
Order & Account Information	
Order # 00000012 (The order confirmation email was sent)	Account Information Edit Customer
Order Date: Apr 10, 2018 8:09:59 AM	Customer Name: Test Testing
Order Status: Processing	Email: yana@mateside.com
Purchased From: Main Website Main Website Store Default Store View	Customer Group: General
Placed from IP: 193.254.196.28	
Address Information	
Billing Address Edit	Shipping Address Edit
Test Testing Shevchenko Los Angeles, California, 12345 United States T: +1 780-424-51	Test Testing Shevchenko Los Angeles, California, 12345 United States T: +1 780-424-51
Payment & Shipping Method	
Payment Information	Shipping Information
Credit Card (Stripe) The order was placed using USD.	Best Way - Table Rate Total Shipping Charges: \$5.00

Invoice Processing

Expired Authorizations

Stripe supports two-step card payments so you can first authorize a charge, then wait to settle (capture) it later. When a charge is authorized, the funds are guaranteed by the card issuer and the amount held on the customer's card for up to seven days. If the charge is not captured within seven days, the authorization is canceled and funds released. With the extension, you can charge for invoice total amount as a new transaction. It works only for customers who have stored credit card and have requested funds on their bank account.

Authorization expired:



The screenshot displays a Stripe payment interface. At the top, it shows a payment amount of \$88.35 USD with a 'RELEASED' status. Below this, there is a '+ Add note' button. The main section contains three event notifications: 'Authorization expired' (Mar 4, 2:39 PM), 'Payment authorized' (Feb 25, 2:39 PM), and 'Stripe risk evaluation: normal' (Feb 25, 2:39 PM). The 'Authorization expired' notification is highlighted with a red box. Below the notifications is a 'Payment details' section, which includes a table of payment information. The 'ID' field in this table is also highlighted with a red box.

Payment details	
ID:	ch_1Bz0n3KxTBzZIz6DMiu0hMio
Amount:	\$88.35
Refunded:	\$88.35
Fee:	\$0.00
Date:	2018/02/25 14:39:41
Status:	Refunded ↗
Description:	00000050

New Transaction:

Order Total

Notes for this Order

Status

Processing ▼

Comment

Notify Customer by Email

Visible on Storefront

Submit Comment

Apr 11, 2018 12:25:43 PM | Processing | Customer **Not Notified**
Captured amount of \$88.35 online. Transaction ID: "ch_1CF1CKxTBzZIz6Do9BJ4FWL"

Feb 25, 2018 12:39:42 PM | Processing | Customer **Not Notified**
Authorized amount of \$88.35. Transaction ID: "ch_1BzOn3KxTBzZIz6DMiuOhMio"

The result of new transaction on Stripe after Expired Authorizations:

TEST DATA

\$88.35 USD

[↶ Refund...](#) [+ Add note](#)

✓ **Payment succeeded**
Apr 11, 3:25 PM

🛡️ **Stripe risk evaluation: normal**
Apr 11, 3:25 PM

Payment details

ID: **ch_1CF1CKxTBzZIz6Do9BJ4FWL**

Amount: **\$88.35**

Fee: **\$2.86** ⓘ

Net: **\$85.49**

Date: **2018/04/11 15:25:42**

Description: **000000050**

Void/cancel Authorizations

When a payment was authorized and not captured yet, merchants can perform cancellation of the transaction from admin panel so the transaction will be released.

To cancel transaction go to **Order > Transactions > Void**

← Back
Cancel
Send Email
Void
Hold
Invoice
Ship
Reorder
Edit

ORDER VIEW

Information

Invoices

Credit Memos

Shipments

Comments History

Transactions

Search
Reset Filter
1 records found

20 per page
 1 of 1

ID	Order ID	Transaction ID	Parent Transaction ID	Payment Method	Transaction Type	Closed	Created ↑
From							From
To							To
5	000000016	ch_1CFifLkxTBzZlz6DVoyih5PL		Credit Card (Stripe)	Authorization	No	Apr 11, 2018 1:07:11 PM

The payment has been voided:

✓
The payment has been voided.

ORDER VIEW

Information

Invoices

Credit Memos

Shipments

Comments History

Transactions

Search
Reset Filter
2 records found

20 per page
 1 of 1

ID	Order ID	Transaction ID	Parent Transaction ID	Payment Method	Transaction Type	Closed	Created ↑
From							From
To							To
6	000000016	ch_1CFifLkxTBzZlz6DVoyih5PL-void	ch_1CFifLkxTBzZlz6DVoyih5PL	Credit Card (Stripe)	Void	Yes	Apr 11, 2018 1:15:32 PM
5	000000016	ch_1CFifLkxTBzZlz6DVoyih5PL		Credit Card (Stripe)	Authorization	Yes	Apr 11, 2018 1:07:11 PM

Void Result on Stripe:

€155.07 EUR RELEASED

[+ Add note](#)

- ↶ Payment released without capture
Apr 11, 4:15 PM
- ✓ Payment authorized
Apr 11, 4:07 PM
- 🛡️ Stripe risk evaluation: normal
Apr 11, 4:07 PM

Payment details

ID: ch_1CFiFLKxTBzZIz6DVoyih5PL
Statement descriptor: Store Name #000000016
Amount: €155.07
Refunded: €155.07
Fee: €0.00
Date: 2018/04/11 16:07:11
Status: Refunded ↶
Description: 000000016

Multi-currency

Stripe has a great feature to receive payments in multiple currencies. Stripe accumulates separate balances for each currency. If possible, Stripe automatically sends payouts to an associated bank account (or debit card) for each currency, thereby avoiding exchange fees. Stripe Payments extension allows you to choose whether you want to process payments in base currency or actual order currency.

Create Order > Capture the Order

Orders Create New Order

Actions ▾ 11 records found 20 ▾ per page < 1 of 1 >

<input type="checkbox"/>	ID ↑	Purchase Point	Purchase Date	Bill-to Name	Ship-to Name	Grand Total (Base)	Grand Total (Purchased)	Status	Action	Signifyd Guarantee Decision	Carrier Tracking
<input type="checkbox"/>	000000018	Main Website Main Website Store Default Store View	Apr 11, 2018 1:54:18 PM	Test Testing	Test Testing	\$206.12	€145.67	Closed	View		Add Tracking Number
<input type="checkbox"/>	000000017	Main Website Main Website Store Default Store View	Apr 11, 2018 1:39:17 PM	Test Testing	Test Testing	\$67.00	€47.35	Processing	View		Add Tracking Number

The payment was captured in EUR:

€47.35 EUR

[← Refund...](#) [+ Add note](#)

 **Payment captured**
Apr 11, 4:43 PM

 **Payment authorized**
Apr 11, 4:39 PM

 **Stripe risk evaluation: normal**
Apr 11, 4:39 PM

Payment details

ID: ch_1CFjAPKxTBzZIz6DoXI3gesI

Statement descriptor: Store Name #000000017

Amount: €47.35 → \$58.04 ⓘ

Fee: \$1.98 ⓘ

Net: \$56.06

Date: 2018/04/11 16:39:17

Description: 000000017

Refund Processing (Credit Memo)

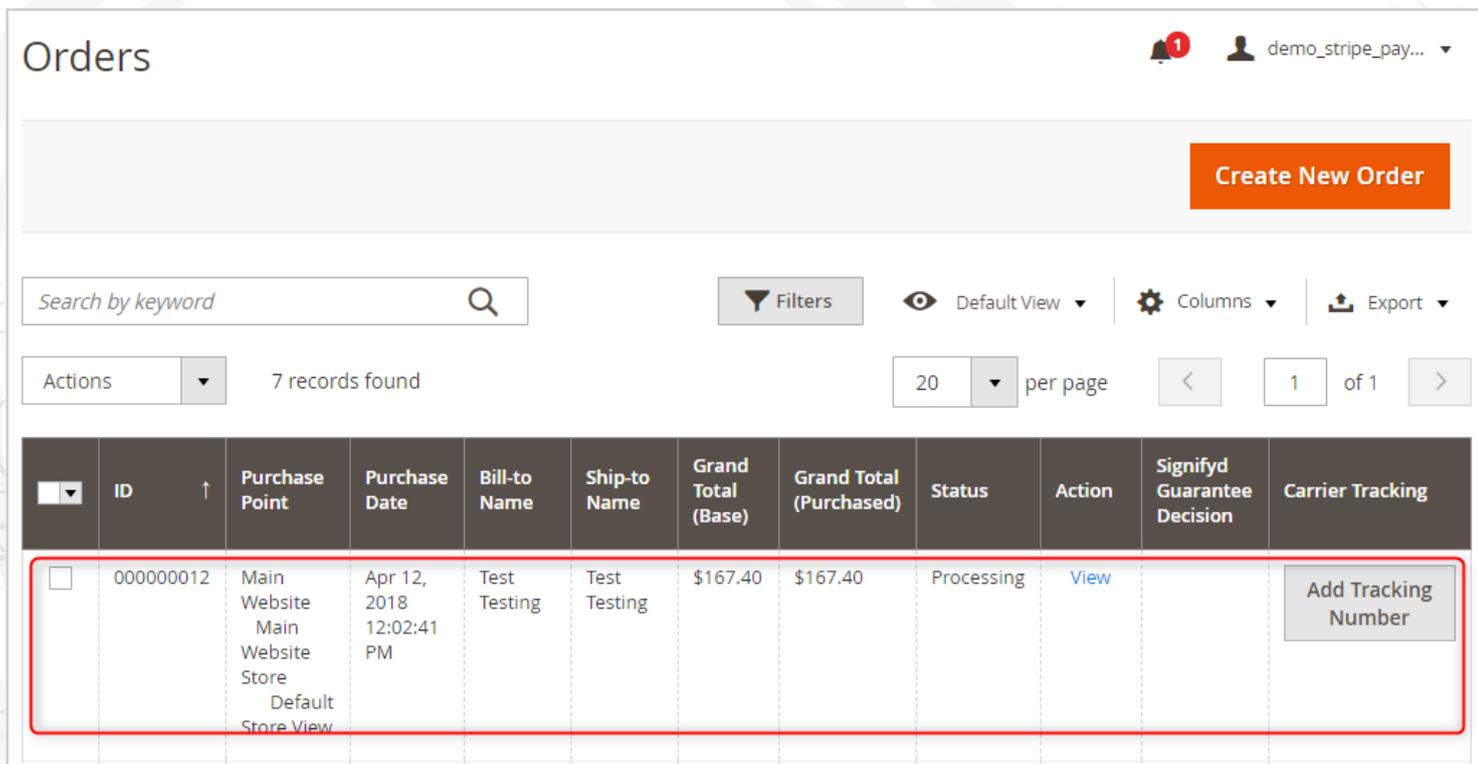
This extension works with online Credit Memo function which refunds captured transaction amount back to customer's bank account.

Full Refund

To do full refund for the order go to

Orders > Select a necessary Order > Invoices > Select the Invoice > Credit Memo > click "Refund" button

Select the Order:



The screenshot shows the 'Orders' management interface. At the top right, there is a notification bell with '1' and a user profile 'demo_stripe_pay...'. Below this is a 'Create New Order' button. A search bar contains 'Search by keyword' and a magnifying glass icon. To the right of the search bar are 'Filters', 'Default View', 'Columns', and 'Export' options. Below the search bar, it says '7 records found' and '20 per page'. The main table has the following columns: ID, Purchase Point, Purchase Date, Bill-to Name, Ship-to Name, Grand Total (Base), Grand Total (Purchased), Status, Action, Signifyd Guarantee Decision, and Carrier Tracking. The first row is highlighted with a red border and contains the following data: ID: 000000012, Purchase Point: Main Website Main Website Store Default Store View, Purchase Date: Apr 12, 2018 12:02:41 PM, Bill-to Name: Test Testing, Ship-to Name: Test Testing, Grand Total (Base): \$167.40, Grand Total (Purchased): \$167.40, Status: Processing, Action: View, and a 'Add Tracking Number' button in the Carrier Tracking column.

ID	Purchase Point	Purchase Date	Bill-to Name	Ship-to Name	Grand Total (Base)	Grand Total (Purchased)	Status	Action	Signifyd Guarantee Decision	Carrier Tracking
000000012	Main Website Main Website Store Default Store View	Apr 12, 2018 12:02:41 PM	Test Testing	Test Testing	\$167.40	\$167.40	Processing	View		Add Tracking Number

Go to **Invoices** > **Credit Memo** > click the button "Refund"

\$167.40 USD REFUNDED

[+ Add note](#)

- ↶ **Payment refunded**
Apr 12, 3:07 PM
- 🔒 **Payment captured**
Apr 12, 3:06 PM
- ✓ **Payment authorized**
Apr 12, 3:02 PM
- 🛡️ **Stripe risk evaluation: normal**
Apr 12, 3:02 PM

Payment details

ID: `ch_1CG48SKxTBzZIz6DpZagYQ2t`

Statement descriptor: `Store Name #000000012`

Amount: \$167.40

Refunded: \$167.40

Fee: \$5.15 ⓘ

Net: \$162.25

Date: 2018/04/12 15:02:40

Status: **Refunded** ↶

Description: `000000012`

Metadata

Module	Stripe Payments by Mageside
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Partially Refund

This option is very helpful when a customer completed an order and you don't have all products in stock so you have to refund part of a payment.

To refund the order partially go to **Orders > Select a necessary order > Invoices > Select the Invoice > Credit Memo > Select what products to refund > click "Refund"**

In this example, we will refund 1 item per each product:

Items to Refund

Product	Price	Qty	Return to Stock	Qty to Refund	Subtotal	Tax Amount	Discount Amount	Row Total
Olivia 1/4 Zip Light Jacket SKU: WJ12-S-Blue Color: Blue Size: S	\$77.00	Ordered 2 Invoiced 2	<input type="checkbox"/>	<input type="text" value="1"/>	\$77.00	\$0.00	\$15.40	\$61.60
Juno Jacket SKU: WJ06-S-Green Color: Green Size: S	\$77.00	Ordered 2 Invoiced 2	<input type="checkbox"/>	<input type="text" value="1"/>	\$77.00	\$0.00	\$15.40	\$61.60

Order Total

Credit Memo Comments

Comment Text

Refund Totals

Subtotal	\$154.00
Discount	-\$30.80
Refund Shipping	<input type="text" value="5"/>
Adjustment Refund	<input type="text" value="0"/>
Adjustment Fee	<input type="text" value="0"/>
Grand Total	\$128.20

Append Comments

Email Copy of Credit Memo

The result of partially refunding on Stripe:

\$251.40 USD PARTIALLY REFUNDED

[← Refund more...](#) [+ Add note](#)

- ↶ **\$128.20 refunded**
Apr 12, 3:34 PM
- 📄 **Payment captured**
Apr 12, 3:29 PM
- ✓ **Payment authorized**
Apr 12, 3:26 PM
- 🛡️ **Stripe risk evaluation: normal**
Apr 12, 3:26 PM

Payment details

ID: `ch_1CG4VkkxTBzZIz6D0pFjbNas`

Statement descriptor: Store Name #000000013

Amount: \$251.40

Refunded: \$128.20

Fee: \$7.59 ⓘ

Net: \$243.81

Date: 2018/04/12 15:26:44

Status: Partially refunded ↶

Description: 000000013

Metadata

Module	Stripe Payments by Mageside
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Instant Purchase

Instant Purchase is a feature allows making one-click purchases for customers who have pre-selected default billing and shipping address as well as default stored card in Magento vault. This feature is completely supported by Stripe Payments extension.

Instant Purchase Confirmation

Are you sure you want to place order and pay?

Shipping Address:
Veronica Costello, 6146 Honey Bluff Parkway, Calder, Michigan 49628-7978, United States

Billing Address:
Veronica Costello, 6146 Honey Bluff Parkway, Calder, Michigan 49628-7978, United States

Payment Method:
Stored Cards (Stripe)

Shipping Method:
Cheapest price



Size L
XS S M **L** XL

Color Purple

Qty
1



— WE THRIVE YOUR

FEEDBACK

AND INPUT!

Email: customer@pageside.com

Web: www.pageside.com

Skype: [pageside](#)

Facebook: www.facebook.com/pageside

Twitter: www.twitter.com/pagesideteam

Mageside is a team of developers dedicated to Magento installation, support, extension creation and advanced customization. We are good at doing the heavy lifting, and there is no Magento project that is out of scope on a technical basis.

Mageside does full site conversions, Magento 2 upgrades, advanced extension development, deep systems integration and all the other fun stuff. Our code is incredibly clean, we are on first name basis with several of the core devs, and love every opportunity to create another fine expression of ecommerce. If you need the best, let us work on your next project.