

Change of address



Return by mail:

Putnam Investments
PO Box 219697
Kansas City, MO 64121-9697

Return by express delivery:

Putnam Investments
801 Pennsylvania Ave
Suite 219697
Kansas City, MO 64105-1307

For more information:

Putnam Investments
1-800-225-1581
www.putnam.com



Complete this form to change your address. All accounts associated with the Social Security or Tax Identification number(s) provided will be updated to your new address. **All owners/authorized parties must sign the form.** Redemptions requested by telephone will be restricted for 15 days following an address change.

As an alternative to completing this form, an address change can be requested online at Putnam.com (some restrictions may apply).

All references herein to the singular (i.e., "I" or "my") include the plural as applicable.

If your account(s) is currently restricted due to an undeliverable mail status and the combined value of the account(s) for your household is \$25,000 or more, a Signature Validation Program (SVP) stamp is required. An SVP stamp is a stamped assurance for non-financial transactions by a financial institution that indicates a signature is valid. **An SVP stamp is required for each signature.**

Section 1 Account information

Name of current owner/custodian/trustee/entity Tax identification number

Name of current joint owner/minor/co-trustee/authorized party Tax identification number

Contact phone number

Note: Providing a phone number above will replace the current contact information on file with Putnam (if applicable).

Section 2 Provide your new address

Residential street address of account owner (cannot be a P.O. Box or c/o address) City State ZIP code

Mailing address for account (if different from residential address) City State ZIP code

Section 3 Authorization

I authorize the change of address information indicated in Section 2.

Signature of owner/custodian/trustee/authorized party

Print name of signer

Signature of joint owner/co-trustee/authorized party

Print name of signer

Current date (mm/dd/yyyy)

Current date (mm/dd/yyyy)

PLACE SIGNATURE VALIDATION PROGRAM STAMP BELOW



PLACE SIGNATURE VALIDATION PROGRAM STAMP BELOW



Signature authentication guidelines

Use this document as a reference to explain the different authentications that may be required to process a transaction. Please refer to the specific Putnam form to verify which type of authentication is required as not all signature authentication types are acceptable for all transactions. You may be able to obtain signature authentication from securities broker/dealers, commercial banks, federally chartered savings institutions, federally chartered credit unions, trust companies, state chartered savings institutions or credit unions. Check with your financial institution for availability.

All authentications must be original; photocopies or fax copies are not acceptable.

This document is for reference only. Please **do not stamp this form.**

Medallion Program Signature Guarantee

A Medallion Program signature guarantee is a form of signature guarantee that is a stamped assurance provided by a financial institution that guarantees that a signature is genuine, the signer is an appropriate person to sign and the signer has legal capacity to sign. The purpose of a signature guarantee is to protect transfer agents and shareholders against loss from fraudulent signatures on instructions in connection with securities transactions, which are defined as the sale, assignment, transfer or redemption of a security. A Medallion Program signature guarantee provides additional protection against fraud by using special security ink, a bar code that can be scanned to identify a stamp that has been reported lost or stolen, and a prefix code that discloses the maximum transaction value covered by the stamp (see chart below). The guarantee should **not** be dated.

Prefix Letter	Liability Limit per Transaction
Z	\$10,000,000
Y	\$5,000,000
X	\$2,000,000
A	\$1,000,000
B	\$750,000
C	\$500,000
D	\$250,000
E	\$100,000
F	\$100,000 (credit unions only)



The letter prefix of each identification number signifies the amount of the surety bond obtained by the guarantor. The amount of coverage associated with the corresponding prefix is detailed above.

Signature Guarantee

A signature guarantee is a stamped assurance provided by a financial institution that guarantees that a signature is genuine, the signer is an appropriate person to sign and the signer has legal capacity to sign. The purpose of the signature guarantee is to protect transfer agents and shareholders against loss from fraudulent signatures on instructions in connection with securities transactions, which are defined as the sale, assignment, transfer or redemption of a security.



Signature Validation Program (SVP)

An SVP stamp is a stamped assurance provided by a financial institution that authenticates signatures for non-securities related commercial transactions. The purpose of the signature validation is to protect transfer agents and shareholders against loss from wrongful or fraudulent signatures in connection with clerical and other account maintenance updates.

