Guide

Worker General Deductions API Guide for ADP Enterprise HR

Published on
May 14, 2025, 09:35 AM

Last modified
May 05, 2026, 06:03 AM

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Published on
May 14, 2025, 09:35 AM

Published on
May 05, 2026, 06:03 AM

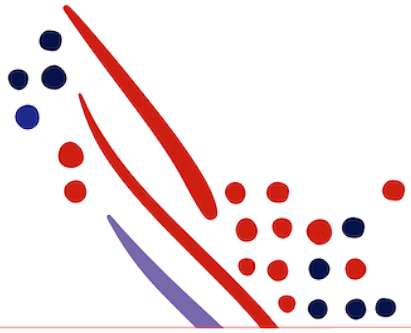


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Chapter 1

About These APIs

Summary

Worker General Deductions Application Programming Interface (API) enables users to get, start, change and stop a worker's general deductions information from ADP Enterprise HR System of Record.

What's New in this Guide?

In this section, we will announce any new revisions to the Worker General Deduction API and this guide.

- Updated Data Dictionary and examples.
- Following new fields are added to Get,Add and Change General Deduction APIs.
    - **Deduction End Date**

Supported Product Version and Customer Base

The Worker General Deductions APIs are available for all the employees.

Required Setup Steps

Records	Enterprise

Setting up Deduction Code	• Define Deduction Code.
	  ◦ System Admin > Autolink Payroll Setup (Required) > General Deductions > Definition
	• Enable Self service enabled for view and update.
	  ◦ System Admin > Autolink Payroll Setup (Required) > General Deductions > Definition (on effective dated record, check box available for self service).
	• Add deduction code to a paygroup.
	  ◦ System Admin > Autolink Payroll Setup (Required) > General Deductions > Deduction Validation By Paygroup (Search for paygroup and use Add Item for adding the deduction code).
	• Setup deduction code in Translation to Autopay.
	  ◦ System Admin > Autolink Payroll Setup (Required) > General Deductions > Translation to Autopay.

Chapter 2

Use Case: Ability of user to retrieve the general deductions details for a given employee

Summary:

The General Deductions API is used to retrieve the general deductions details for a given employee from the ADP Enterprise HR System of Record . Upon successful completion of request it results in publishing the required information for the given employee.

Use Case Description:

Request the list of all general deductions information details related to the AOID in the path parameter.

Refer the attached link for the use cases and the API Usage.

/payroll/v1/workers/{aoid}/payroll-instructions

API Usage

Method	Uniform Resource Identifier (URI)	Description
GET	/payroll/v1/workers/{aoid}/payroll-instructions	Retrieves a list of general deductions of an employee matching the AOID specified in the path.

Application Scope

The canonical URI corresponding to the general deductions API needs to be added in the Consumer Application Registry (CAR) for the subscription following which a user can access this API and make successful API calls.

The following canonical needs to be added to your application scope to enable this use case:

/payroll/payrollManagement/payrollInstructionManagement/workerPayrollInstructionManagement/workerPayrollInstructions.read

Supported Actors

ADP APIs have built-in data entitlement and access control. The response contains data based on the roleCode parameter value in an API request. For example, a person could have two roles defined in an ADP application, a practitioner who manages all employees, and an employee. Your application will use the practitioner roleCode to request the data as the practitioner.

Data Dictionary

Resources listed in the following table can be accessed in the ADP Enterprise user interface (UI) by selecting **People --> Personnel Actions --> Hire Employee --> General Deductions**

Schema Location	Field Name	Is Required (Y/N)?	Note
/workerGeneralDeductionInstructions/payrollFileNumber	File Number	N	
/workerGeneralDeductionInstructions/payrollRegionCode/codeValue	Region Center	N	
/workerGeneralDeductionInstructions/deductionStartDate	Effective Date	Y	
/workerGeneralDeductionInstructions/effectiveEndDate	Deduction End Date	N	(Added May 2026)
/workerGeneralDeductionInstructions/payrollGroupCode/codeValuer	Pay Group	N	Checkbox
/workerGeneralDeductionInstructions/generalDeductionInstructions/deductionCode/codeValue	Deduction Code	Y	
/workerGeneralDeductionInstructions/generalDeductionInstructions/deductionRate/rateValue	Deduction Amt/Rate	N	
/workerGeneralDeductionInstructions/generalDeductionInstructions/deductionGoal/goalLimitAmount/amountValue	Goal Amount	N	
/workerGeneralDeductionInstructions/generalDeductionInstructions/deductionGoal/goalBalanceAmount/amountValue	Autolink Goal Amount-to-date	N	
/workerGeneralDeductionInstructions/generalDeductionInstructions/itemID	Deduction Code	Y	

Chapter 3

Use Case: Ability of user to start a general deduction for a given employee

Summary:

The General Deductions Start API is used to Start/Add a record for general deductions for a given employee in the ADP Enterprise HR System of Record. Upon successful completion the API inserts (adds) a record of general deductions.

Use Case Description:

Refer the attached link for the use cases and the API Usage.

/events/payroll/v2/worker-general-deduction-instruction.start

API Usage

Method	Uniform Resource Identifier (URI)	Description
GET	/events/payroll/v2/worker-general-deduction-instruction.start/meta	Meta to Add/Start a general deduction for a given employee.
POST	/events/payroll/v2/worker-general-deduction-instruction.start	Adds/Starts a general deduction for a given employee.

Application Scope

The canonical URI corresponding to the general deduction start needs to be added in the Consumer Application Registry (CAR) for the subscription following which a user can access this API and make successful API calls.

The following canonical needs to be added to your application scope to enable this use case:

/payroll/payrollManagement/payrollInstructionManagement/workerGeneralDeductionInstructionManagement/workerGeneralDeductionInstruction.start

Supported Actors

ADP APIs have built-in data entitlement and access control. The response contains data based on the roleCode parameter value in an API request. For example, a person could have two roles defined in an ADP application, a practitioner who manages all employees, and an employee. Your application will use the practitioner roleCode to request the data as the practitioner.

Sequence of Interactions

1. **Request for Metadata:** Your consumer application sends a request to the ADP API endpoint for **/events/payroll/v2/worker-general-deduction-instruction.start/meta**.
2. **Meta API Response:** The ADP API endpoint responds to your consumer application with the metadata API response.
3. **Processing the Meta Response:** Your consumer application should process the metadata response to validate the data included in the payload. If any validation issues are identified, the user should be prompted to fix them.
4. **Composing the Payload:** After applying the changes and validation, your consumer application composes the payload for the **/events/payroll/v2/worker-general-deduction-instruction.start** request.
5. **General Deduction Start Request:** Your consumer application sends the **/events/payroll/v2/worker-general-deduction-instruction.start** request to the ADP API endpoint.
6. **General Deduction Start Request:** The ADP API endpoint responds to your consumer application with the details of the **/events/payroll/v2/worker-general-deduction-instruction.start** operation.
7. **Field Handling:**
    - If no value is provided for a particular field in the request payload, the field is either:
        - Defaulted based on the Record Field Property, or
        - Updated with a blank/null value. *(No carry forwarding)*
    - If the field is required and left blank/null, the API throws an error.

Data Dictionary

Resources listed in the following table can be accessed in the ADP Enterprise user interface (UI) by selecting **People --> Personnel Actions --> Hire Employee --> General Deductions**

Schema Location	Field Name	Is Required (Y/N)?	Note
/events/data/eventContext/worker/associateOID	Not Displayed (AOID)	Y	
/events/data/transform/effectiveDateTime	Effective Date	Y	
/events/data/transform/payrollInstruction/generalDeductionInstruction/deductionCode/codeValue	Deduction Code	Y	
/events/data/transform/payrollInstruction/generalDeductionInstruction/effectiveEndDate	Deduction End Date	N	(Added May 2026)
/events/data/transform/payrollInstruction/generalDeductionInstruction/deductionRate/rateValue	Deduction Amt/Rate	N	
events/data/transform/payrollInstruction/generalDeductionInstruction/deductionGoal/goalLimitAmount/amountValue	Goal Amount	N	

Chapter 4

Use Case: Ability of user to update a general deduction for a given employee

Summary:

The General Deductions Change API is used to update a record for general deductions for a given employee in the ADP Enterprise HR System of Record. Upon successful completion the API updates (change) an existing record of general deductions.

Use Case Description:

Refer the attached link for the use cases and the API Usage.

/events/payroll/v2/worker-general-deduction-instruction.change

API Usage

Method	Uniform Resource Identifier (URI)	Description
GET	/events/payroll/v2/worker-general-deduction-instruction.change/meta	Meta to Update general deductions details information of a given employee.
POST	/events/payroll/v2/worker-general-deduction-instruction.change	Updates general deductions details information of a given employee.

Application Scope

The canonical URI corresponding to the general deduction change API needs to be added in the Consumer Application Registry (CAR) for the subscription following which a user can access this API and make successful API calls.

The following canonical needs to be added to your application scope to enable this use case:

/payroll/payrollManagement/payrollInstructionManagement/workerGeneralDeductionInstructionManagement/workerGeneralDeductionInstruction.change

Supported Actors

ADP APIs have built-in data entitlement and access control. The response contains data based on the roleCode parameter value in an API request. For example, a person could have two roles defined in an ADP application, a practitioner who manages all employees, and an employee. Your application will use the practitioner roleCode to request the data as the practitioner.

Sequence of Interactions

1. **Request General Deduction Details:** Your consumer application sends a request to the ADP API endpoint for **/payroll/v1/workers/{aoid}/payroll-instructions** to retrieve worker Genera Deduction details.
2. **Request for Metadata:** Your consumer application sends a request to the ADP API endpoint for **/events/payroll/v2/worker-general-deduction-instruction.change/meta**.
3. **Meta API Response:** The ADP API endpoint responds to your consumer application with the metadata API response.
4. **Processing the Meta Response:** Your consumer application should process the metadata response to validate the data included in the payload. If any validation issues are identified, the user should be prompted to fix them.
5. **Apply Changes:** The application uses the response from step 1 and applies the necessary changes provided by the user.
6. **Composing the Payload:** After applying the changes and validation, your consumer application composes the payload for the **/events/payroll/v2/worker-general-deduction-instruction.change** request.
7. **General Deduction Change Request:** Your consumer application sends the **/events/payroll/v2/worker-general-deduction-instruction.change** request to the ADP API endpoint.
8. **General Deduction Change Response:** The ADP API endpoint responds to your consumer application with the details of the **/events/payroll/v2/worker-general-deduction-instruction.change** operation.
9. **Field Handling:**
    - If no value is provided for a particular field in the request payload, the field is either:
        - Defaulted based on the Record Field Property, or
        - Updated with a blank/null value. *(No carry forwarding)*
    - If the field is required and left blank/null, the API throws an error.

Data Dictionary

Resources listed in the following table can be accessed in the ADP Enterprise user interface (UI) by selecting **People --> Personnel Actions --> Hire Employee --> General Deductions**

Schema Location	Field Name	Is Required (Y/N)?	Note
/events/data/eventContext/worker/associateOID	Not Displayed	Y	
/events/data/transform/effectiveDateTime	Effective Date	Y	
/events/data/eventContext/payrollInstruction/generalDeductionInstruction/itemID	Deduction Code	Y	
/events/data/eventContext/payrollInstruction/generalDeductionInstruction/effectiveEndDate	Deduction End Date	N	(Added May 2026)
/events/data/transform/payrollInstruction/generalDeductionInstruction/deductionRate/rateValue	Deduction Amt/Rate	N	
events/data/transform/payrollInstruction/generalDeductionInstruction/deductionGoal/goalLimitAmount/amountValue	Goal Amount	N	

Chapter 5

Use Case: Ability of user to stop a general deduction for a given employee

Summary:

The general deduction stop API is used to stop a general deduction for a given employee in the ADP Enterprise HR System of Record. Upon successful completion the API removes (stops) the mentioned general deduction code for emloyee.

Use Case Description:

Refer the attached link for the use cases and the API Usage.

/events/payroll/v2/worker-general-deduction-instruction.stop

API Usage

Method	Uniform Resource Identifier (URI)	Description
POST	/events/payroll/v2/worker-general-deduction-instruction.stop	stops/ends a general deduction information of a given employee.

Application Scope

The canonical URI corresponding to the general deduction stop API needs to be added in the Consumer Application Registry (CAR) for the subscription following which a user can access this API and make successful API calls.

The following canonical needs to be added to your application scope to enable this use case:

/payroll/payrollManagement/payrollInstructionManagement/workerGeneralDeductionInstructionManagement/workerGeneralDeductionInstruction.stop

Supported Actors

ADP APIs have built-in data entitlement and access control. The response contains data based on the roleCode parameter value in an API request. For example, a person could have two roles defined in an ADP application, a practitioner who manages all employees, and an employee. Your application will use the practitioner roleCode to request the data as the practitioner.

Data Dictionary

Resources listed in the following table can be accessed in the ADP Enterprise user interface (UI) by selecting **People --> Personnel Actions --> Hire Employee --> General Deductions**

Schema Location	Field Name	Is Required (Y/N)?	Note
/events/data/eventContext/worker/associateOID	Not Displayed	Y	
/events/data/transform/effectiveDateTime	Effective Date	Y	
/data/eventContext/payrollInstruction/generalDeductionInstruction/itemID	Deduction Code	Y	

Chapter 6

Known issues for this API

Known Issues and Workarounds

-NA-