

Chapter 3

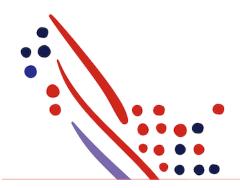
Using the General Deduction Instruction Start API

from Deduction Instruction Guide for ADP Workforce Now Next Gen Guide

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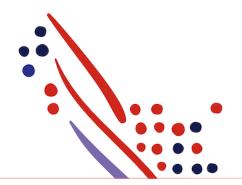
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Using the General Deduction Instruction Start API

Use Case Description

This use case is used to start a general deduction instruction for a worker.

API Usage

Method	URI	Description	GitHub Sample Request Payload	GitHub Sample Response Payload
POST	/events/payroll/v2/worker- general-deduction- instruction.start	Starts worker general deduction instruction information.	deductionStart- 200.request.json	deductionStart- 200.response.json
GET	/events/payroll/v2/worker- general-deduction- instruction.start/meta	Returns an event metadata. Note: Sample payload can be built from the meta call.	NA	deduction-start-meta- 200.response.json



Important

In the given payload (deductionStart-200.request.json), the following is the purpose of the eventContext and transform sections:

- **eventContext:** A set of keys, identifying the subject. In the payload, the **associateID** field is present under **eventContext**. The **associateID** identifies the subject.
- transform: Provides the values added or changed with respect to the subject keys defined in the eventContext section.

Application Scope

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

/payroll/payroll Management/payroll Instruction Management/worker General Deduction Instruction Management Managem

Supported Actors

Request Parameter roleCode Value	Usage
practitioner	Starts deduction instructions for workers.

Request Header Parameters

None, in addition to the ADP standard header parameters.

Sequence of Interactions

The following are the steps shown in the previous diagram:

- 1. Your consumer application makes a request to the ADP API endpoint for Worker-general-deduction-instruction start meta.
- 2. The ADP API endpoint responds to your consumer application with the meta payload, which lists eligible deductions for the worker under the /meta/data/transforms/payrollinstruction/generalDeductionInstruction/deductionCode/codeList collection. Your consumer application needs to validate that the Deduction Code processed is returned in the codeList collection before building the payload for the next call. If the Deduction Code you need to start is not part of the collection, your application needs to provide user error handling and stop or go to the next step.
- 3. Your consumer application makes a request to the ADP API endpoint for the **Worker-general-deduction-instruction** start API with the payload.
- 4. The ADP API endpoint responds to the consumer application about the details of the Worker-general-deduction-instruction start.

Data Dictionary

The fields listed in the following table can be found in the ADP Workforce Now UI by selecting People > Pay > Deductions.

Schema Location	ADP Workforce Now Field Name	Required (Y/N)?	Note
/events/data/eventC ontext	Not Displayed	N	
/events/data/eventC ontext/worker	Not Displayed	N	
/events/data/eventC ontext/worker/associ ateOID	Not Displayed	Υ	
/events/data/eventC ontext/payrollinstruct ion	Not Displayed	N	
/events/data/eventC ontext/payrollinstruct ion/payrollGroupCode	Not Displayed	Υ	The payroll GroupCode found in payroll. This is an Instruction GET call.
/events/data/eventC ontext/payrollInstruct ion/payrollGroupCode /codeValue	Not Displayed	Υ	
/events/data/eventC ontext/payrollInstruct ion/payrollGroupCode /shortName	Not Displayed	Υ	
/events/data/eventC	Not Displayed	Υ	The payrollFileNumber found in

ontext/payrollInstruct ion/payrollFileNumber			payroll. This is an instruction GET call.
/events/data/effecti veDateTime	Effective Date	Υ	
/events/data/payrolll nstruction	Not Displayed	N	
/events/data/payrolll nstruction/generalDe ductionInstruction	Not Displayed	N	
/events/data/payroll nstruction/generalDe ductionInstruction/de ductionCode	Not Displayed	Υ	
/events/data/payrolll nstruction/generalDe ductionInstruction/de ductionCode/codeValu e	Not Displayed	Υ	
/events/data/payrolll nstruction/generalDe ductionInstruction/de ductionCode/shortNa me	Deduction Code	Υ	
/events/data/payrolll nstruction/generalDe ductionInstruction/de ductionRate	Not Displayed	N	
/events/data/payroll nstruction/generalDe ductionInstruction/de ductionRate/rateValue	Deduction Amount	Υ	
/events/data/payrolll nstruction/generalDe ductionInstruction/de ductionGoal	Deduction Goal	Υ	
/events/data/payrolll nstruction/generalDe ductionInstruction/de ductionGoal/goalLimit Amount	Not Displayed	N	
/events/data/payroll nstruction/generalDe ductionInstruction/de ductionGoal/goalLimit Amount/amountValue	Deduction Goal Limit	Υ	

Responses

You may encounter exceptions outside your common success scenarios. You must account for these exceptions during your initial development.

Response Code	Response Condition	message Txt	GitHub Sample Request Payload	GitHub Sample Response Payload	Tips to Handle
200 OK	When adding a deduction without a deduction goal and the effective date as the current date.	NA	deduction-start- 200.request.json	deduction-start- 200.response.json	
200 OK	When adding a deduction with a deduction goal and the effective date as the current date.	NA	deduction-start- currentdate- 200.request.json	deduction-start- currentdate- 200.response.json	
200 OK	When adding a deduction with a deduction goal and effective date as the future date.	NA	deduction-start- futuredate- 200.request.json	deduction-start- futuredate- 200.response.json	
400 Bad Request	When trying to start a deduction but the goal limit amount is invalid.		deduction-start- Invalid- GoalLimitAmount- 400.request.json	deduction-start- Invalid- GoalLimitAmount- 400.response.json	
400 Bad Request	When the invalid deduction code is passed in the request.	{"userMessage": {"messageTxt": "deductionCodeis invalid."}}	deduction-start- 400.invalid- deduction-code- request.json	deduction-start- 400.invalid- deduction-code- response.json	Make sure a valid supported Deduction Code is passed in the request.
400 Bad Request	When there is an invalid payrollGroup Code/codeValue in the request.	{ "userMessage": {"messageTxt": "payrollGroupCode/co deValue is invalid." }}	deduction-start- 400.invalid-payroll- groupCode- request.json	deduction-start- 400.invalid-payroll- groupCode- response.json	Make sure a valid payrollGroupCo de/codeValue is passed in the request.
400 Bad Request	When there is an invalid payrollFileNu mber in the request.	{"userMessage": {"messageTxt": "payrollFileNumber is invalid." }}	deduction-start- 400.invalid-payroll- fileNumber- request.json	deduction-start- 400.invalid-payroll- fileNumber- response.json	Make sure a valid payrollFileNum ber is passed in the request.
400 Bad Request	When a DeductionAmount i s passed as an invalid value in the request.	{"userMessage": {"messageTxt": "Deduction Amountfield must contain a non- zerovalue between -99,999,999.99and 99,999,999.99 with a decimalprecision of 2 places." }}	deduction-start- 400.invalid- deduction-amount- request.json	deduction-start- 400.invalid- deduction-amount- response.json	Make sure you have entered the amount value correctly. Note: Deduction Amount must contain a non-zero value between- 99,999,999.99 and 99,999,999.99 with a precision of 2.