

NASCO API Common Error Codes

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# **NASCO Common API Error Codes**

This document describes all of the exception codes common to all NASCO APIs. This document should be used as a reference by any consumer of NASCO APIs to diagnose common API error responses. API specific exception codes are documented in that API’s Consumer Guide.

Additional information on HTTP Response Codes can be found at <https://en.wikipedia.org/wiki/List_of_HTTP_status_codes>.

For further assistance, contact us using the Contact Us feature of the NASCO Developer Portal or email us at api@nasco.com.

| **HTTP Status Code** | **NASCO Message****Code** | **Message Text** | **Client Action** |
| --- | --- | --- | --- |
| **2xx Informational Messages** |
| 200 | I802 | Request matched existing data, no update performed | Usually means that a request has been submitted to update a resource, but that resource already has identical values as the request, so there is nothing to be updated. Verify that the request parameters are correct for the desired resource and retry if necessary. |
| **4xx Client Errors** |
| 400 | E010 | Request Is not valid | A potentially malicious payload has been detected in the request.  If you believe the request is valid and safe, please report the issue to the NASCO Help Desk (888-320-6272) or ncsc@nasco.com. |
| 400 | E205 | Malformed request | Verify the swagger and perform a JSON payload validation. Retry with a valid JSON request. |
| 401 | E001 | Authentication failure | Report the issue to the NASCO Help Desk (888-320-6272) or ncsc@nasco.com |
| 403 | E002 | Access token expired | Generate new OAuth access token. |
| 403 | E003 | Access token is not valid | Report the issue to the NASCO Help Desk (888-320-6272) or ncsc@nasco.com |
| 403 | E004 | User does not have authorization to access API | Report the issue to the NASCO Help Desk (888-320-6272) or ncsc@nasco.com |
| 403 | E009 | User does not have authorization to access data | Report the issue to the NASCO Help Desk (888-320-6272) or ncsc@nasco.com |
| 404 | E203 | Resource not supported | Verify the URL used is as per URL defined in swagger. |
| 404 | I801 | Data not found | Verify that the request parameters are correct for the desired resource and retry. |
| 404 | I803 | Contract not found | Verify that the contract parameter is correct for the desired resource and retry. |
| 404 | I804 | Resource not found | Verify that the request parameters are correct for the desired resource and retry. |
| 404 | I805 | Resource match not found | Verify that the request parameters are correct for the desired resource and retry. |
| 409 | I802 | Record already exists | Usually means that a request has been submitted to create a resource, but that resource already exists. Verify that the request parameters are correct for the desired resource and retry. |
| 409 | I806 | More data available for search | Usually means that a request has been submitted to search for a resource, but there are too many values in the result list. Refine the search criteria for the desired resource and retry. |
| 422 | E207 | An input required request field is missing | Verify the swagger and perform JSON payload verification to identify the missing required element. Retry with required request field.  |
| 422 | E208 | An input request field is invalid | Check the status message(s) returned in the response to determine which field is invalid. Correct and retry. |
| 422 | E209 | Invalid combination of fields submitted on request | Check the status message(s) returned in the response to determine which combination of fields is invalid. Consult the request rules in the API Consumer Guide for further information. Correct and and retry. |
| 422 | E210 | Conditionally required field missing | Check the status message(s) returned in the response to determine which conditionally required field is missing. Consult the request rules in the API Consumer Guide for further information. Retry with required field included in the request. |
| 422 | E211 | An input required request parameter is missing | Include all parameters that are required by the swagger for this operation and retry  |
| 422 | E212 | An input request parameter is invalid | Check the status message(s) returned in the response to determine which parameter is invalid. Correct and and retry.  |
| 422 | E213 | Invalid date range | Check the status message(s) returned in the response to determine which date range is invalid in the request. Correct and and retry.  |
| 422 | E215 | Request parameter value is invalid | Check the status message(s) returned in the response to determine which parameter is invalid. Correct and and retry. |
| **5xx Server Errors** |
| 500 | E005 | There was an internal authentication/authorization error while processing the request | Report the issue to the NASCO Help Desk (888-320-6272) or ncsc@nasco.com |
| 500 | E006 | There was an internal authentication/authorization error while processing the request | Report the issue to the NASCO Help Desk (888-320-6272) or ncsc@nasco.com |
| 500 | E007 | There was an internal authentication/authorization error while processing the request | Report the issue to the NASCO Help Desk (888-320-6272) or ncsc@nasco.com |
| 500 | E008 | There was an internal authentication/authorization error while processing the request | Report the issue to the NASCO Help Desk (888-320-6272) or ncsc@nasco.com |
| 500 | E009 | There was an internal authentication/authorization error while processing the request | Report the issue to the NASCO Help Desk (888-320-6272) or ncsc@nasco.com |
| 500 | E011 | There was an internal authentication/authorization error while processing the request | Report the issue to the NASCO Help Desk (888-320-6272) or ncsc@nasco.com |
| 500 | E206 | Malformed response | Report the issue to the NASCO Help Desk (888-320-6272) or ncsc@nasco.com |
| 500 | E601 | A critical processing error was encountered, unable to complete processing | Report the issue to the NASCO Help Desk (888-320-6272) or ncsc@nasco.com |
| 500 | E602 | A critical processing error was encountered, unable to complete processing | Report the issue to the NASCO Help Desk (888-320-6272) or ncsc@nasco.com |
| 500 | E603 | A critical processing error was encountered, unable to complete processing | Report the issue to the NASCO Help Desk (888-320-6272) or ncsc@nasco.com |
| 500 | E605 | A critical processing error was encountered, unable to complete processing | Report the issue to the NASCO Help Desk (888-320-6272) or ncsc@nasco.com |
| 500 | E606 | A critical processing error was encountered, unable to complete processing | Report the issue to the NASCO Help Desk (888-320-6272) or ncsc@nasco.com |
| 500 | E607 | A critical processing error was encountered, unable to complete processing | Report the issue to the NASCO Help Desk (888-320-6272) or ncsc@nasco.com |
| 500 | E608 | A critical processing error was encountered, unable to complete processing | Report the issue to the NASCO Help Desk (888-320-6272) or ncsc@nasco.com |
| 500 | E609 | A critical processing error was encountered, unable to complete processing | Report the issue to the NASCO Help Desk (888-320-6272) or ncsc@nasco.com |
| 500 | E610 | A critical processing error was encountered, unable to complete processing | Report the issue to the NASCO Help Desk (888-320-6272) or ncsc@nasco.com |
| 500 | E611 | A critical processing error was encountered, unable to complete processing | Report the issue to the NASCO Help Desk (888-320-6272) or ncsc@nasco.com |
| 500 | E612 | Unable to transform the error code | Report the issue to the NASCO Help Desk (888-320-6272) or ncsc@nasco.com |
| 503 | E401 | System Unavailable | Report the issue to the NASCO Help Desk (888-320-6272) or ncsc@nasco.com |
| 503 | E402 | Unable to connect backend | Report the issue to the NASCO Help Desk (888-320-6272) or ncsc@nasco.com |
| 503 | E403 | Connection Timed out, please try again | Retry API after after 1-2 minutes. Report the issue to the NASCO Help Desk (888-320-6272) or ncsc@nasco.com |
| 504 | E604 | Timeout | Retry API after after 1-2 minutes. Report the issue to the NASCO Help Desk (888-320-6272) or ncsc@nasco.com |