

Scrap Metal Transaction

Last revised on: Monday, June 26th, 2025

API URLs

Production Environment

- **Transaction API:**

<https://www.kansas.gov/scrap-metal-reporting/api/rest/v2/transaction>

- **Transaction Image API:**

<https://www.kansas.gov/scrap-metal-reporting/api/rest/v2/transactionImage>

Staging/Test Environment

- **Transaction API:**

<https://staging-www.kansas.gov/scrap-metal-reporting/api/rest/v2/transaction>

- **Transaction Image API:**

<https://staging-www.kansas.gov/scrap-metal-reporting/api/rest/v2/transactionImage>

API Documentation

- **Swagger JSON:**

<https://www.kansas.gov/scrap-metal-reporting/v2/api-docs>

- **Swagger UI:**

<https://www.kansas.gov/scrap-metal-reporting/swagger-ui.html>

Submitting a Scrap Metal Transaction

Required Parameters

Parameter	Type	Required	Length (min/max)	Description
purchaserFirstName	String	Yes	1–50	First name of the purchaser.
purchaserLastName	String	Yes	1–50	Last name of the purchaser.
firstName	String	Yes	1–50	First name of the seller.
middleName	String	No	1–50	Middle name of the seller.
lastName	String	Yes	1–50	Last name of the seller.
gender	String	Yes	1–7	Must be one of the following case-sensitive values: “MALE”, “FEMALE”, “UNKNOWN”
dob	String	Yes	10	Date of birth of seller in “mm/dd/yyyy” format.
address1	String	Yes	1–100	Street address of the seller.
address2	String	No	1–100	Additional address info
city	String	Yes	1–50	City of the seller.
state	String	Yes	2	State of the seller. Must be a valid U.S. state/territory abbreviation. Use “ZZ” for Non-US countries. Must be one of the following case-sensitive values: AK, AL, AR, AZ, CA, CO, CT, DC, DE, FL, GA, HI, IA, ID, IL, IN, KS, KY, LA, MA, MD, ME, MI, MN, MO, MS, MT, NE, NC, ND, NH, NJ, NM, NV, NY, OH, OK, OR, PA, RI, SC, SD, TN, TX, UT, VA, VI, VT, WA, WI, WV, WY, AM, GM, MK, PR, ZZ
zip	String	Yes	5	5-digit ZIP code of seller
zip4	String	No	4	Optional ZIP+4 extension of seller.
idType	String	Yes	1–50	Must be one of the following case-sensitive values: “DRIVERS_LICENSE”, “STATE_ID”, “MILITARY_ID”, “NON_US_DOC”, “PASSPORT”, “PERMANENT_RESIDENT”
idState	String	Yes	2	Two-letter state abbreviation of ID issuer. Must be one of the following case-sensitive values: AK, AL, AR, AZ, CA, CO, CT, DC, DE, FL, GA, HI, IA, ID, IL, IN, KS, KY, LA, MA, MD, ME, MI, MN, MO, MS, MT, NE, NC, ND, NH,

				NJ, NM, NV, NY, OH, OK, OR, PA, RI, SC, SD, TN, TX, UT, VA, VI, VT, WA, WI, WV, WY, AM, GM, MK, PR, ZZ, US
idNumber	String	Yes	1–50	Identification number from provided ID.
noVehicle	String	Yes	4–5	Must be either “True” or “False”.
transactionDate	String	Yes	10–20	Format: “mm/dd/yyyy hh:mm AM/PM”
ticketNum	String	No	1–50	Dealer ticket number
location	String	Yes	1–50	Dealer location code
scrapList	List	Conditional	—	Required if scrapVehicleList is empty. See section below.
scrapVehicleList	List	Conditional	—	Required if scrapList is empty. See section below.

Conditional Vehicle Fields (required if noVehicle is “False”)

Parameter	Type	Required	Length (min/max)	Description
licPlateNum	String	Yes	1–7	Vehicle License plate of the seller.
make	String	Yes	1–3	Vehicle make code of the seller.
model	String	Yes	1–3	Vehicle model code of the seller.
year	String	No	4	Vehicle year (e.g., “2005”) of the seller.
color	String	Yes	1–50	Must be one of the following case-sensitive values: “BLACK”, “BROWN”, “BLUE”, “RED”, “GREEN”, “WHITE”, “GRAY”, “YELLOW”, “SILVER”, “PURPLE”, “ORANGE”, “PINK”, “TAN”, “GOLD”, “BEIGE”, “MAROON”

⚠ At least one of scrapList or scrapVehicleList must be present.

scrapList

Parameter	Type	Required	Length (min/max)	Description
weight	Float	Yes	1–10	Weight of the scrap metal.
quantity	Integer	Yes	1–10	Quantity of items.
type	String	Yes	1–3	Metal type code. (Must match case-sensitive list from KBI website.)
form	String	Yes	1–3	Metal form code. (Must match case-sensitive list from KBI website.)
desc	String	Yes	1–50	Description of the scrap load.

scrapVehicleList

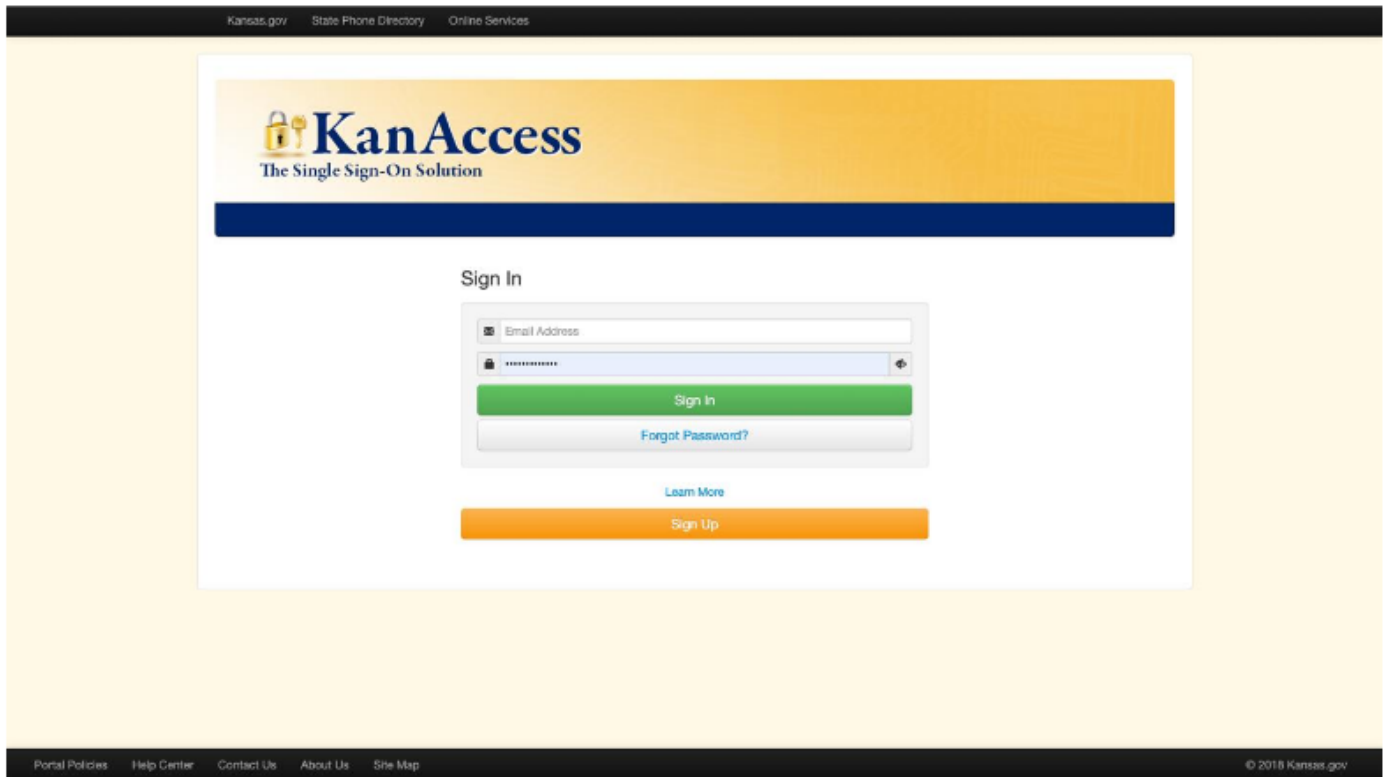
Parameter	Type	Required	Length (min/max)	Description
type	String	Yes	1–50	Must be one of the following case-sensitive values: “BACK_CLIP”, “FRONT_CLIP”, “VEHICLE”
idNumber	String	No	1–50	Vehicle Identification Number (VIN).
make	String	Yes	1–3	Vehicle make code. (Must match case-sensitive list from KBI website.)
model	String	Yes	1–3	Vehicle model code. (Must match case-sensitive list from KBI website.)
year	String	Yes	4	Year of vehicle (e.g., “2000”).
color	String	Yes	1–50	Must be one of the following case-sensitive values: “BLACK”, “BROWN”, “BLUE”, “RED”, “GREEN”, “WHITE”, “GRAY”, “YELLOW”, “SILVER”, “PURPLE”, “ORANGE”, “PINK”, “TAN”, “GOLD”, “BEIGE”, “MAROON”



Testing Instructions

Sign-up Process

1. Scrap Metal Dealers register with the Attorney General’s Office at <https://ag.ks.gov/licensing/scrap-metal-dealers>.
2. The KBI assigns a unique Dealer ID number to each registered scrap metal dealer upon receiving notification of registrations from the Attorney General’s Office.
3. KBI sends the scrap metal dealer a letter containing their Dealer ID number and contact information for the KIC Helpdesk.
4. Create a **staging KanAccess account**:
 - KanAccess Sign-Up Instructions and Screen Shots
 - KanAccess Sign Up: <https://staging-www.kansas.gov/ump>



- Click orange “Sign Up” button.

5. Email the KIC Help Desk at ks-helpcenter@tyler-tech.com
 - **Subject:** Scrap Metal Reporting test access
 - **Include:**
 - First Name
 - Last Name
 - Phone number
 - Email used to create KanAccess account
6. KIC will reply with test credentials and mock dealer/location codes.

Authorization Setup

- **Header format:**

Copy

```
Authorization: Basic <base64(username:password)>  
Content-Type: application/json
```

- **Example** once based 64 encoded:

Authorization: dGVzdHkubWN0ZXN0ZXJzb25AZ21haWwuY29tOkJhc2ViYWxsNzYh

Example Transaction Request Body (JSON)

json

Copy

```
{
  "purchaserFirstName": "Test",
  "purchaserLastName": "Transaction",
  "firstName": "Testy",
  "middleName": "M",
  "lastName": "Testerson",
  "gender": "MALE",
  "dob": "09/09/1988",
  "address1": "23 SW Test St.",
  "address2": "Apt 12",
  "city": "Topeka",
  "state": "KS",
  "zip": "66604",
  "zip4": "1234",
  "idType": "DRIVERS_LICENSE",
  "idState": "KS",
  "idNumber": "k12345678",
  "noVehicle": true,
  "transactionDate": "05/26/2020 09:05 AM",
  "ticketNum": "1",
  "location": "L1001",
  "scrapList": [
    {
      "weight": "1",
      "quantity": 1,
      "type": "2",
      "form": "3",
      "desc": "test"
    }
  ],
  "scrapVehicleList": []
}
```

```
"make": "163",
"model": "691",
"year": 2010,
"color": "GRAY",
"licPlateNum": "8XYZ123",
"noVehicle": false,

"scrapVehicleList": [
  {
    "type": "VEHICLE",
    "color": "WHITE",
    "make": "106",
    "model": "492",
    "idNumber": "1HGCM82633A004352",
    "year": 2003
  }
],
"scrapList": [
  {
    "weight": "150.5",
    "quantity": 3,
    "type": "2",
    "form": "12",
    "desc": "Aluminum sheets and tubing"
  }
]
```

Submitting a Transaction Image

Headers

```
Authorization: Basic <base64-encoded-credentials>
Content-Type: multipart/form-data; boundary=boundary
ConfirmationNo: <Confirmation number from transaction response>
```

- Only vehiclePhoto and/or loadPhoto fields are required.
- Accepted formats: .jpg, .jpeg, .png, .gif
- Size limit: **15 MB per image**
- Uploading is optional; photos can be skipped if not taken.

Location Codes

Search dealer codes if multiple locations:

<https://www.kansas.gov/api-factory/search/ks.kbi/scrapmetal/dealers>

- Locate the dealer and use the `links.href` property to fetch all related location codes.
-



Scrap Metal and Vehicle Codes

Transactions must use **valid codes** for:

- Metal **type** and **form**
- Vehicle **make** and **model**

Lookup: Can find links at

https://www.kansas.gov/kbi/scrap_metal.shtml



Contact

For support during testing:

Email: ks-helpcenter@tylertech.com

Subject: Scrap Metal API Support