

PAVE Inspection Results Data

UPDATED: Dec 7, 2023 to include PAVE's new 'rejection_codes' string that is now added to SESSION:COMPLETE and SESSION:STATUS_CHANGE JSON

This document provides a detailed description of the various objects used in an inspection session JSON that is **SESSION:COMPLETE**.

These objects include the Session Object, which contains information about the inspection session, such as the session key, theme, status, and contact details. The Vehicle Object has information on the inspected vehicle, including the VIN, make, model, and odometer reading. The Photos Object contains information about the photos taken during the inspection, including the URL where they are stored and whether they were approved in the photo QA process. The Location Object provides details about the location of the inspection. Lastly, the Inspection Object contains information about the damages detected during the inspection, including the total number of damages and their maximum grade per item.

GET Session Results

Retrieve the completed vehicle details, inspection and photo results belonging to the API-Key by referencing the session_key.

event (string): The event that occurred, represented as a string. In this case, it is "SESSION:COMPLETE".

Session Object:

an object containing details about the session

- **session_key** (string): the session key associated with the inspection session.
- **theme** (string): the theme used for the inspection session.
- **active** (boolean): whether the inspection session is currently active or not
- **status** (string): the status of the inspection session.
- **redirect_url** (string): the URL to which the user will be redirected upon completion of the inspection session.
- **inspect_started_at** (string): the timestamp at which the inspection session started.
- **inspect_ended_at** (string): the timestamp at which the inspection session ended.
- **created_at** (string): the timestamp at which the inspection session was created.
- **updated_at** (string): the timestamp at which the inspection session was last updated.
- **language** (string): the language used for the inspection session.
- **options** (object): an object containing various options for the inspection session.
 - **client_id** (string): optional way to pass any end-user identifier, included if provided in the payload when the session is created.
 - **contact** (object): an optional object containing the contact details of the user if provided in the payload to create a session..
 - **first_name** (string): the first name of the user.
 - **last_name** (string): the last name of the user.
 - **Reference** (object) you can include an additional object in the payload with any extra information you want to pass along during the creation of a session. This object is optional, and it will be deleted a few hours after the session is completed.
 - **any_key**: any_value
 - **any_key**: any_value
 - **manual_odometer** (string): a string containing the odometer reading and unit of measure if it was manually entered into the Capture UI by the end-user.
 - **sms** (object): an object containing SMS-related details.
 - **to** (string): the phone number to which the SMS will be sent.
 - **to_name** (string): the name of the recipient (if provided).

- **from** (string): the phone number from which the SMS will be sent (if provided).
 - **by** (string): the name of the sender (if provided).
- **user_account** (object): an object containing the details of the client user's account.
 - **username** (string): the username of the client user.
 - **first_name** (string): the first name of the client user.
 - **last_name** (string): the last name of the client user.
 - **email** (string): the email address associated with the client user's account.
 - **phone** (string): the phone number associated with the client user's account.
- **source** (object): an object containing information about the source of the inspection session.
 - **type** (string): the type of source (eg, "api", "shareable_link", "dashboard" or "widget").
 - **properties** (object): an object containing additional properties of the source.
 - **api_name** (string): the name of the API used for the inspection session.
 - **form_name** (string): the name of the inspection form used for the inspection session. (Only included when session source is "shareable_link")
 - **dashboard_username** (string): the client user name who sent the session. (Only included when session source is "dashboard")

Vehicle Object:

an object containing details about the vehicle being inspected

- **id** (integer): the unique identifier of the vehicle.
- **session_key** (string): the session key associated with the vehicle.
- **vin** (string): the VIN (vehicle identification number) of the vehicle.
- **vrn** (string): the VRM (vehicle registration mark) of the vehicle.

- **year** (integer): the year of the vehicle.
- **make** (string): the make of the vehicle.
- **model** (string): the model of the vehicle.
- **body_type** (string): the body type of the vehicle.
- **trim** (string): the trim level of the vehicle.
- **transmission** (string): the type of transmission of the vehicle.
- **drivetrain** (string): the type of drivetrain of the vehicle.
- **engine_type** (string): the type of engine of the vehicle.
- **fuel_type** (string): the type of fuel used by the vehicle.
- **ext_col** (string): the exterior color of the vehicle.
- **int_col** (string): the interior color of the vehicle.
- **odom_reading** (string): the odometer reading of the vehicle.
- **odom_unit** (string): the unit of the odometer reading (eg MILES, KILOMETERS).

Photos Object:

contains information about several photos of a vehicle that was taken during a session. Each photo has a code, a label, a URL, an approved flag, an approved message, a creation date, and an update date. The approved flag indicates whether the photo was approved or not, and the approved message gives more details about the approval or rejection of the photo. The label gives a description of the photo, such as "VIN," "Interior," "Cluster," "Left," "Front Left," "Front," "Front Right," "Right," or "Rear." The URL points to the location where the photo is stored.

- **photo_code**: (integer) a unique identifier for each photo captured.
- **photo_label**: (string) a label that describes the type of photo captured (e.g., VIN, Interior, Cluster, Left, Front_Left, Front, Front_Right, Right, Back, Back_Left, Back_Right).
- **url**: (string) the URL where the photo can be accessed.

- **approved:** (boolean) indicates whether the photo was approved or rejected by the system.
- **approved_message:** (string) the message associated with the photo's approval or rejection.
- **rejection_code** (string): the rejection code of the photo, eg. "image_not_clear"
- **created_at:** (string) the date and time when the photo was captured.
- **updated_at:** (string) the date and time when the photo's status was last updated.

Location Object:

an object containing details about the location where the vehicle was inspected if the end user allows location detection.

- **address** (string): the street address of the location.
- **latitude** (string): the latitude of the location.
- **longitude** (string): the longitude of the location.
- **street_num** (null or string): the street number of the location.
- **street** (null or string): the street name of the location.
- **city** (string): the city of the location.
- **state** (string): the state of the location.
- **state_code** (string): the state code of the location.
- **country_code** (string): the country code of the location.
- **post_code** (null or string): the postal code of the location.
- **country** (string): the country of the location.
- **ip** (string): the IP address associated with the location.

Inspection Object:

- **damages_overview** (object): an object containing information about the damages detected during the inspection.
 - **totalDamages** (integer): the total number of damages detected during the inspection.
 - **maxGradePerItem** (integer): the maximum grade per item of damage.
 - **maxTotalGrade** (integer): the maximum total grade of all damages detected.
- **detected_damages** (array): an array of objects containing information about each damage detected during the inspection.
 - **damage_group**: (string) the group to which the damaged component belongs (e.g. BODY, GLASS, PART, WHEEL, TIRE)
 - **component**: (string) the specific component that has been damaged (e.g. DOOR_FRONT_LEFT, BUMPER_REAR)
 - **damage_name**: (string) the name of the specific type of damage (e.g. SCRATCH, DENT)
 - **component_label**: (string) a human-readable label for the damaged component (e.g. Front Left Door)
 - **user_response**: (string or null) any user response related to the damaged component (e.g. if the user marked it as a concern)
 - **source**: (string) the source of the inspection data (e.g. inspect, estimate)
 - **label**: (string) a human-readable label for the damage (e.g. Has Minor Dent on Seam Line - Not Through Paint)
 - **description**: (string) a detailed description of the damage
 - **tolerance**: (string) the tolerance for the damage (e.g. Minor dent 1/8 - 1 inch but on seam line)
 - **repair_method**: (string) the method that will be used to repair the damage (e.g. Refinish)

- **repair_type:** (string) the type of repair that will be performed (e.g. SMART Repair)
- **unit_measure:** (string) the unit of measure for the repair (e.g. Per Item)
- **estimate_category:** (string) the category of the estimate (e.g. Paint, Body, Mechanical)
- **labor_hrs:** (float) the number of labor hours required to repair the damage
- **labor_total:** (float) the total cost of labor required to repair the damage
- **parts_materials:** (float) the cost of any parts or materials required to repair the damage
- **total:** (float) the total cost of the repair
- **grade_score:** (int) the score given to the damage on the component (e.g. 0-5, with 0 being excellent and 5 being major impact on overall condition grading)
- **frame_grade_score:** (int) the score given to the frame of the vehicle (e.g. 0-5, with 0 being excellent and 5 being poor)
- **photo:** (object) an object containing the code and URL for the photo of the damage (listed below)
 - **uuid:** (string) a unique identifier for the damage
 - **cropped_url:** (string) the URL for the cropped photo of the damage
 - **cropped_code:** (string) the code for the cropped photo of the damage
- **estimate_included:** (bool) a boolean indicating whether the estimate for the repair is to be included in the total of all repairs.
- **estimate_tbd:** (bool) a boolean indicating whether the estimate for the repair is "to be determined" as set in the estimations in the client dashboard
- **material** (string): a label that indicates the type of material the component is made of (eg. Chrome, Textured Surface, Painted, Steel, Glass, Plastic, Rubber, Plastic Cover, Alloy Wheel, Steel Wheel) (Not available when using AutoGrade)
- **damage_type:** (string) the general type of damage (e.g. Mult Dents/Paint Damage)
- **damage_type_id:** (int) the ID for the general type of damage
- **aasc_damage_code:** (int) the code for the damage type in the AASC (Auto Auction Services Corp) standard

- **severity**: (string) the severity of the damage (e.g. Minor)
- **severity_id**: (int) the ID for the severity of the damage
- **aasc_severity_code**: (int) the code for the severity of the damage in the AASC standard
- **component_id**: (int) the code for the damaged component
- **aasc_item_code**: (int) the AASC code for the damaged component

Detected_status Object:

- **interior_status** (string): represents the cleanliness status of the interior of the vehicle.
- **wheels** (object): a nested object that contains wheel-related information, including the type of wheel for each of the four wheels.

Grading Object:

- **standard_A** (integer): a numerical grading for the condition of the vehicle, with 5 being the best score and 0 being the worst.
- **standard_B** (string): a letter and number grading system for the condition of the vehicle with A-1 being the best score and E-5 being the worst.
- **standard_C** (string): a general description of the condition of the vehicle.
- **repair_estimate** (attribute): a nested object that contains estimated costs for repairs for different parts of the vehicle.
- **repair_estimate** (object) a numerical dollar value for the estimated total repair costs.
 - **total_exterior** (float) dollar value of excess wear for exterior only items.
 - **total_wheels_and_tires** (float) dollar value of excess wear for wheels and tires only.
 - **total_excess_wear** (float) combined total of all excess wear items.

Annotated_images Object:

- **photo_code** (string): a code used to identify each annotated image of the vehicle.

- **photo_label** (string): a label that describes the view of the vehicle shown in the annotated image.
- **url** (string): a URL that links to the annotated image of the vehicle.

Case_details Object:

- **case_start_time** (string) (date-time format): the timestamp for when the inspection of the vehicle began.
- **case_end_time** (string) (date-time format): the timestamp for when the inspection of the vehicle was completed.

Condition Report PDF:

- **condition_report** (string) (URL): a URL that links to the condition report of the vehicle.

Condition Report HTML:

- **landing_page** (string) (URL): a URL that links to the landing page of the vehicle.

End-User Disclosures:

- **disclosures** (null or object): an object containing answers to disclosure questions or a null value indicating there are no disclosures associated with the vehicle.

End-User Announcements:

- **announcements** (null or object): an object containing answers to announcement questions or a null value indicating there are no announcements associated with the vehicle.

End-User Tire Announcements:

- **seller_tires** (null or object): an object containing answers to tire questions or a null value indicating there is no information about the seller's tires.

Custom Capture and Questions:

- **forms** (null or object): an object containing answers to questions for the custom capture and question flows used.
- **"data"** (null or object): an object containing answers to custom questions and URLs of requested photos as a nested object that contains information about the end-user responses to the questions and photo capture steps included in the flow you created, such as whether they are operational, intact, or free from damage. The attribute is further divided into several sub-attributes, like each corresponding to a different part of the vehicle (e.g., HOOD, STEP, BUMPER, etc.) depending on what title you gave each category.

Webhooks

Webhook for Event "SESSION:NOTE_INSERT"

This event is triggered when a new note is added to a session. The following section provides a description of the payload that will be sent with the webhook.

- **user** (string): The username or identifier of the user who performed the action.
- **event** (string): The event that occurred, represented as a string. In this case, it is "SESSION:NOTE_INSERT".
- **title** (null or string): The title of the note, if one exists. In this case, it is null, indicating that there is no title.
- **timestamp** (string): The timestamp of the event in ISO 8601 format with timezone offset. eg. "2023-02-23T01:24:30+00:00".
- **description** (string): A description of the note, eg, "Danny Chen's customer".
- **session_key** (string): A unique identifier for the session in which the note was created, eg "EXN-8XXKWAB0E6".

Webhook for Event "SESSION:STATUS_CHANGE"

When the status of a session changes from IDLE to STARTED, STARTED to PROCESS, or PROCESS to CONFIRM, we will send the new status, as well as the timestamp, to the callback URL along with the following default payload.

- **event** (string): A label indicating the type of event that occurred. In this case, it indicates that the session status has changed.
- **status** (string): The new status of the session. In this case, it indicates that the session is in the process of being completed.

- **timestamp** (string): The date and time when the event occurred, formatted in ISO 8601 format with timezone offset.
- **session_key** (string): A unique identifier for the session being referenced. It could be used to retrieve additional information about the session from the API or a database.

Webhook for Event "SESSION:STAGE_CHANGE"

When a captured photo has been processed, we will send the status, as well as the timestamp, to the callback URL along with the following default payload.

- **event** (string): indicates the type of event that occurred, in this case a stage change in a session.
- **message** (string): a message describing the stage change event, eg. "Accepted".
- **photo_url** (string): a URL to a photo associated with the session.
- **timestamp** (string): the timestamp of when the event occurred, in ISO 8601 format.
- **photo_code** (integer): a code associated with the photo, eg. "3".
- **photo_label** (string): a label associated with the photo, eg. "Cluster".
- **session_key** (string): a unique identifier for the session.
- **photo_status** (string): the status of the photo, eg. "accepted".
- **rejection_code** (string): the rejection code of the photo, eg. "image_not_clear"

Webhook for Event "SESSION:SMS_PROCESS"

When we receive the result of an SMS message from the message provider, we will send it to the callback URL along with the following default payload.

- **event**: (string) The type of event, in this case "SESSION:SMS_PROCESS"
- **phone**: (string) The phone number that the SMS was sent to.
- **status**: (string) The status of the SMS message, eg "sent", "delivered" or "undelivered",

- **timestamp:** (string) The timestamp of the event in ISO 8601 format.
- **session_key:** (string) The unique identifier of the session.