

Part Dimensions & Weight on the PO Response

Addendum to the PAMS B2B Push PO API — Partner Integration Guide

Guide version: 1.1 Date: 2026-08-03 Prepared for: Go-Parts Contact: pamsadmin@pamsauto.com

1. What this adds

As agreed in our thread of 29 July – 3 August, PAMS now returns **the dimensions and weight of every part on a purchase order in the response to the PO push itself**. You can rate and generate the shipping label on your side immediately, attach it back to the order through the existing labels endpoint, and no PAMS employee needs to touch a label.

It also gives you the chance to stop and check before anything ships: each part is flagged if it is hazardous material, if it moves as LTL freight rather than a small package, and if a dimension is large enough that carriers apply additional handling.

2. Turning it on

This is an **opt-in setting on your PAMS account** — it is off for all accounts by default. PAMS enables it for you; there is nothing to configure on your end and no change to how you authenticate.

- Once enabled, it applies to **both your Sandbox and your Production key** at the same time, so you can build and test against sandbox first.
- Enabling takes effect immediately — you do not need to wait for the weekly sandbox refresh.
- While it is off, the `lineItems` field described below is simply absent from the response. Your existing integration is unaffected either way.

3. The response

On a successful push to `POST /B2BPushPO.ashx` (HTTP 200), the body gains a `lineItems` array — one entry per line item you submitted, in the order you submitted them:

```
{
  "workOrderNumber": 1234567,
  "poNumber": "YOUR-PO-123",
  "labelsAccepted": 0,
  "totalPrice": 575.00,
  "shippingCharge": 0.00,
  "lineItems": [
    {
      "lineItemIndex": 0,
      "inventoryId": 5482552,
      "stockTicketNumber": "N1234A",
      "dimensionsAndWeight": {
        "lengthInches": 30,
        "widthInches": 20,
        "heightInches": 20,
        "weightPounds": 45,
        "girthInches": 120,
        "isHazmat": false,
        "isLTL": false,
      }
    }
  ]
}
```

```

    "isOverGirth": false
  }
}
]
}

```

`lineItems[]` fields

Field	Type	Notes
<code>lineItemIndex</code>	integer	Zero-based position of the line in the <code>lineItems</code> array you submitted.
<code>inventoryId</code>	integer	Echoes the <code>inventoryId</code> you submitted on that line. See §6.
<code>stockTicketNumber</code>	string	Echoes the <code>stockTicketNumber</code> you submitted.
<code>dimensionsAndWeight</code>	object	Dimensions and weight, or <code>null</code> when PAMS has no record for that part (see §5).

`dimensionsAndWeight` fields

Field	Type	Notes
<code>lengthInches</code>	integer	Inches.
<code>widthInches</code>	integer	Inches.
<code>heightInches</code>	integer	Inches.
<code>weightPounds</code>	integer	Pounds.
<code>girthInches</code>	integer	UPS girth (2×length + 2×width + height, dimensions sorted largest to smallest).
<code>isHazmat</code>	boolean	Hazardous material — airbags, seat belts and similar. Ship accordingly.
<code>isLTL</code>	boolean	The part moves as LTL freight, not as a small package.
<code>isOverGirth</code>	boolean	A dimension trips carrier additional-handling / over-girth rules. Expect surcharges when you rate it.

4. Recommended workflow

1. **Push the PO** to `POST /B2BPushPO.ashx` exactly as you do today — no request changes.
2. **Read `lineItems[]`** from the 200 response and rate the shipment on your side. Check `isLTL`, `isOverGirth` and `isHazmat` before you commit; if anything looks wrong for that part, stop and contact PAMS rather than shipping.
3. **Create the label** in your system.
4. **Attach it** with `POST /B2BPushPOLabels.ashx?workOrder=<workOrderNumber>`, using the `workOrderNumber` from step 2. One label per part, as documented in §7–8 of the main guide.

Nothing else in the API changes. Pricing validation, the shipping-mode rules and all error codes behave exactly as documented in the main guide.

5. What these numbers are — and are not

- They are PAMS's expected dimensions and weight for the part, not a measurement of the packed parcel. They are the same values PAMS's own rate engine uses, and the same defaults PAMS staff accept when they create a label by hand — so they carry the same accuracy we have always worked with, no better and no worse.
- `dimensionsAndWeight` can be `null` when PAMS has no dimension or weight record for a part. We deliberately do not send zeros in that case, because a 0×0×0 / 0 lb package rates to a meaningless number with no signal that anything is wrong. Fall back to your own estimate for that line, or ask us.
- **Rejected POs never include `lineItems`.** A failed push creates no work order, so there is nothing to describe. Handle failures exactly as you do now.

6. One thing to know about `inventoryId`

The `inventoryId` in `lineItems[]` is always the value *you* submitted, so each entry maps cleanly back to your request.

Separately: PAMS's catalog can hold more than one inventory record for the same physical part. In a small number of cases the work order we create references a different one of those records than the `inventoryId` you sent. When that happens, a later label push that uses your submitted `inventoryId` is rejected with:

```
{ "error": "PO_VALIDATION_FAILED",  
  "details": [ { "issue": "MISSING_FIELD",  
                 "note": "labels[0] inventoryId is not on this work order." } ] }
```

If you see that specific rejection, do not retry — it will not succeed. Email salesmanager2@pamsauto.com with your PO number and the `workOrderNumber`, and PAMS will attach the label on our side so the order is not held up.

This is uncommon, and it is not caused by anything in your request. PAMS is changing the labels endpoint to accept the `inventoryId` you originally submitted; when that ships, this note goes away and no action is needed on your end.

Labels sent *inline* on the PO push (the `shippingLabels` array) are not affected by this at all — they are matched against your request. It only applies to labels attached afterward through `/B2BPushPOLabels.ashx`.

7. Questions

Send anything — including a request to enable this on your account — to pamsadmin@pamsauto.com. When reporting a problem, include the full request body and the response body; PAMS logs every request and can look up the exact failure from the timestamp and your account.