zea

3D Part Catalogs

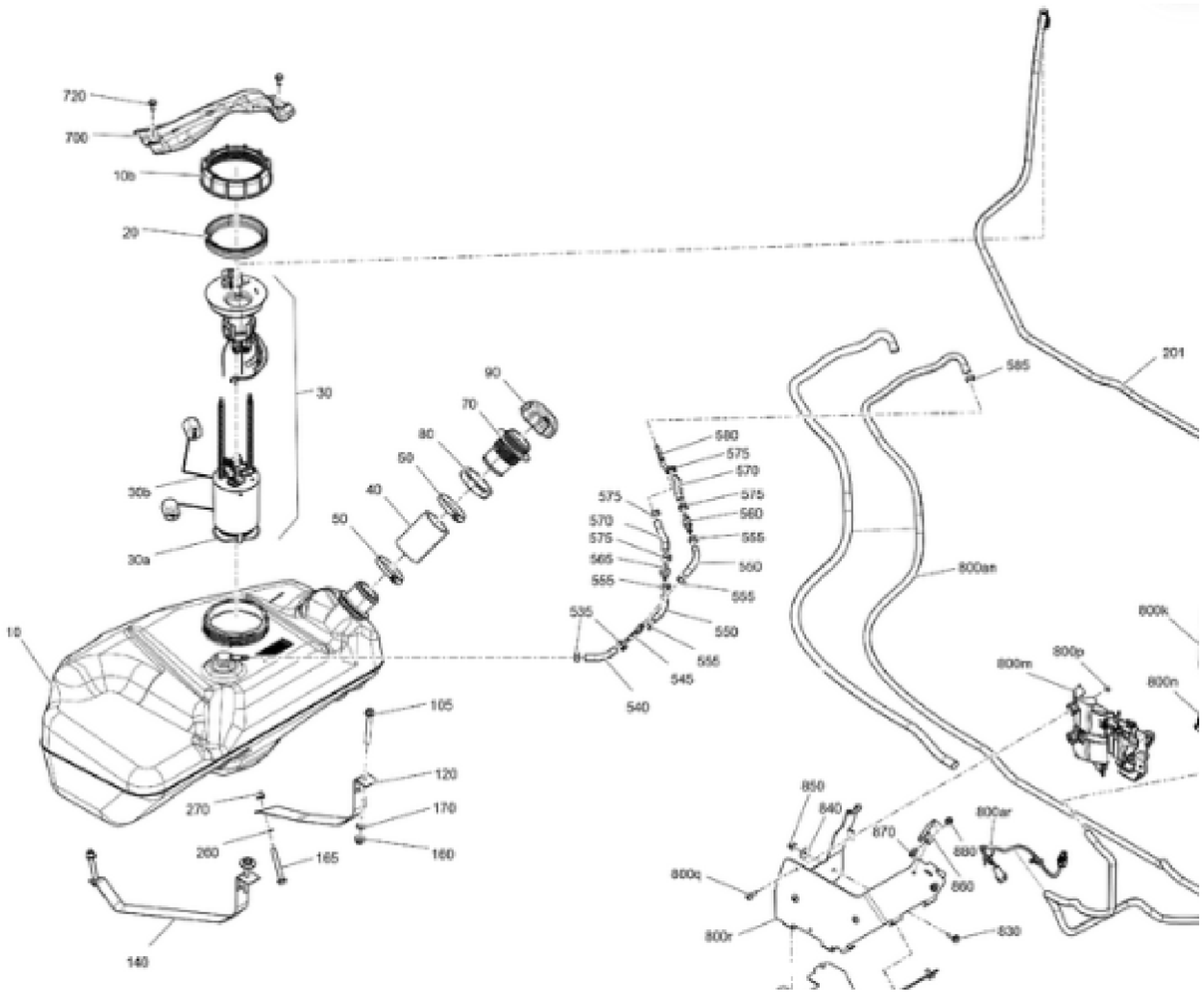
Brochure - 2024

Visit Our Website
zeaengine.com

About Zea

Our software and services are engineered to meet the needs of technical documentation publishers and mid-market to enterprise manufacturers seeking state-of-the-art, interactive 3D solutions for documentation and spare parts cataloging - a market where the status quo has been “good enough” for over 20 years.

Exploded views are inefficient



Takes hours to create

Laying out 3D geometry on 2D paper is an art.

Difficult to update

Many steps to revise published illustrations after a change notice

Prone to errors

Callouts have to match sBOM; easy to miss a part, numbering is hard to keep track of

Hard to find parts

Users need to know what system a part is in to find it. Lots of switching between systems.

What you should be doing in 2024

Augmenting 3D models

Add service content to your 3D models

Automating processes

Let computers do the repetitive tasks

Eliminating guesswork

Provide the specific 3D model visuzlization for each serial number

Growing revenue

Link your documentation to your webshop and track conversion metrics

Why Choose Zea's Cloud-Based 3D Platform?

Modern Web App

A fast and secure web platform that integrates easily with cloud-based workflows and distributed teams.

Automate Operations

We help you audit repetitive workflows to make boring time-consuming tasks a thing of the past.

3D Instructions

Create 3D interactive instructions and tutorials that engage and inform.

Single Source Content

Like a content management solution, Zea streamlines content directly from 3D models by augmenting the 3D model with data.

3D Part Catalogs

Exploded views and callouts are obsolete. Automate your catalog by linking your 3D models to your sBOM .

Empower Employees

When employees from sales to support can access 3D models, they gain the ability to communicate more effectively.

The Zea Engine Advantage

Zea Engine is not just another 3D tool; since 2021, it has been the most powerful 3D graphics engine specialized for web-based, large 3D CAD models (CDRIN, 2021). It operates seamlessly, optimizing performance and setting a new standard for the manufacturing industry's web visualization technologies, unlike competitors reliant on plug-ins and inefficient standard file formats that slow you down.

Zea Engine offers:

- Load a full-production vehicle in under seven seconds at 90 FPS, supporting XR workflows
- High-quality physically based rendering (PBR)
- Full support for 3D model metadata, such as Product Manufacturing Information (PMI) and accurate measurements

Company Vision

Organize the world’s equipment information

Company Mission

Automate equipment documentation by augmenting the 3D model with real-time information

What Makes Zea Stand Out?

Powerful 3D Engine

You haven’t seen 3D performance on the web until your model loads in Zea Engine.

Deeper Tech Stack

Flexibility to develop innovative features without costly plugins or cloud dependencies.

Industry Knowledge

A leadership team with extensive industry experience in 3D visualization and technical communication in manufacturing.

Getting Started

01 - Book a demo

Schedule 👉here👈

02 - Pilot project

Set your objectives and work with us to create your first 3D part catalog

03 - Launch

Begin rolling out your new catalog to your network

04 - Improve

Make continuous improvements as you get more familiar with the solution

05 - Integrate

Begin integrating systems to automate how data gets linked to your 3D models

06 - Scale revenue

Push your content to an e-commerce platform and let your customers self-serve

Our Service Promise to You

Support

Our Support Policy is a vital component offering you a roadmap to the assistance and guidance you can expect from us.

Privacy

Protecting your privacy is important to us as outlined in our Privacy Policy.

Security

Our Security Policy stands as a paramount pillar of assurance and protection for your data in our application; this is how we protect it.

What Our Customers Think

> Zea is the future. With Zea Parts, we automated how we create and update thousands of serial number-specific part catalogs based on our 3D models and data from our ERP.

Blair McIntosh,

President and owner at Motrec International Inc.

MOTREC

What Our Customers Think

> Our priority was to give maximum transparency to our catalog users while retaining very fast turnaround on catalog updates. Zea has delivered fantastically on those objectives.

Paul Achard,
Co-Founder and VP of Engineering

TAIGA

Thank You

Hope to talk soon

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