DIY Designer/Seller Requirements, Submission Specifications, and Application

Welcome to the DIY family of marketplaces!

These are the Offroad, Musclecar, Cobot, and Motorcycle industry's first Digital Asset Marketplaces, fancy words that translate to "We sell really cool stuff to really rad dudes." The goal here is simple, provide the world with professional designs so that even the novice fabricator in the far corners of the world can build rad stuff! We do this by selling Cutting files, Solid files, and 3D Print files in an easily downloadable format. The future of the industry is here, and DIY is it! Thank you for being a part of the journey and I can't wait to see where this goes!

Jason Heard - Dude in Chief @ DIY

What Is a DIY Designer/Seller?

Anyone who is submitting files to sell on DIY is categorized as a DIY Designer, this can be anyone from a hardcore enthusiast to a seasoned engineer. If you meet all the requirements for submitting files, then you are good to go!

Why Become a DIY Designer/Seller?

Because you are better than everyone else and you know it! In all actuality, you want to become a DIY Designer because you love to design and help others build cool stuff, especially seeing others build stuff halfway across the globe! DIY Designers are moving the industry forward by giving access to professionally designed components to millions of fellow fabricators. You also get to make some monies at the same time!

Selling Your Digital Assets On DIY Marketplaces

DIY Marketplaces are a place to buy and sell digital assets. The DIY network of marketplaces make it possible for DIY Designers to sell their design files on the Offroad, Musclecar, Cobot, and Motorcycle industry's first digital asset marketplaces, seamlessly to a broad market of customers in one place. DIY Marketplaces take a small percentage of each sale to handle everything so that designers can focus on the next file submission.

Hosting:

DIY Marketplaces sites, (DIYOffroad.com, DIYMusclecar.com, DIYCobot.com, and DIYMotorcycle.com), handle all file hosting and properly secure all hosted files. DIY Designers are not responsible for hosting files and all hosting file costs are incurred by DIY Marketplaces sites.

Processing:

Transactions are processed through PayPal on an international business platform, secure and available for instant currency exchange for DIY customers around the world.

File Delivery:

Once payment for a transaction has been completed, files are emailed immediately to the customer in a ZIP file folder format, (we call them "Packets," more on this shortly). Each purchased file folder will be available to the customer in their customer portal on the site.

IP Protections In Place

At DIY Marketplaces we understand that it is difficult to perfectly protect the abuse of files when purchased by customers. Regardless of the protections in place there will be some "cannibalism" with customers of DIY, however we do our best to prevent it. One of the protections we suggest is to only list your assets in what we call "Cutlist Packet" format, (more on this below), no solid CAD files of the components, only the cutting/printing (DXF/STL) files are available, making it difficult for anyone to convert into a solid file.

When customers of DIY Marketplaces purchase files they must check a box and agree to 'DIY Marketplaces Purchase Terms and Conditions' prohibiting file sharing, sale, etc. Customers must agree that they are only purchasing the right to cut the file, they do not own the file or the rights to the file, and those rights are the sole owner of the DIY Designer.

1. Customers agree that they have no legal right to share files with anyone or list online for free download.
2. Customers agree that they do not have the right to sell the cut files to anyone or list them for sale online.

If a customer violates any DIY Marketplaces Purchase Terms and Conditions, they will be permanently banned from the marketplaces along with being issued a letter to Cease and Desist, and possibly be mocked on social media for being "that guy." And nobody wants to be "that guy."

The Monies:

DIY Designers work on a simple 85/15 split of the sales price of files they are selling on the DIY Marketplaces. At the end of each month files sold are added up and each DIY Designer is issued a PayPal transfer for the 85% of the sales of their designs during the period. Each DIY Designer receives a monthly report, located in your Seller Portal on the site, of sales and a breakdown of which items are selling.

How Can a DIY Designer/Seller Trust DIY Offroad?

Great question! The reality is we could lie about sales or the system in place to theoretically gain a few dollars per month in profit…but that is the problem. We do NOT care about the small transactional profit of the marketplaces; we want to grow the marketplaces. Our fundamental motivation is to pay DIY Designers as much as possible. The more DIY Designers make, the more files they submit. The more files submitted; the more shred-ready files are available for sale to DIY customers. We are focused on being THE place to buy and sell digital assets, growing the industry by facilitating DIY Designers to make more money and enjoy more free time to design cool stuff!

How Do I Become a DIY Designer/Seller?

The process is simple, complete the application below, and submit the required three example files for review.

DIY Marketplaces list all DIY Designers/Sellers on each respective website under the "DIY Designers" page. For this DIY will need a few items from you.

-Picture / Logo Image for your company or general design shred.
-Paragraph explaining you, your company, or why you love this industry and building vehicles.
-Any website links or social media links you would like included with your section.

The submission files required for review follow the same format required for files submitted to the platform for sale and must focus on the category or categories you, (as a DIY Designer), prefer to focus on. The initial file submissions must be Solid CAD files in a STEP file format. This is the only time you will be required to submit Solid files. This process is simply in place to make sure that you are providing files that are in line with the DIY Marketplaces standards. For each of the three products initially submitted for review, each applicant needs to provide the following:

1. .STEP files of the initial products offered.
2. Three renderings/physical images of product, per product, 9+ total images.
3. Dimensional PDF of the part/weldment.
4. If Digital asset is being listed as a "Cutfile" and not a "Solid File" we require a WPO, weld process orders, and EXCEL cut list is required.
5. If weldment requires tube sections, those tube pieces need to be included in .STEP file format with matching dimensional PDF document, see below for example.

All files, both for the application and for general submissions are to be sent to info@DIYoffroad.com

Submitting "Packets"

Packets are what we call the actual Digital Asset that is delivered to the customer. These packets are Zip folders that include the necessary information for the end user to make the component. Digital Asset submissions for sale on DIY Marketplaces must be provided in this "Packet" form. Each packet you submit should be named the part number for that digital asset. For example, this packet is for Part Number 604-JEH-001 (A 4" Fabricated Housing center section). *
Your Part Number will be different; it will have three more letters before the first three numbers.

Currently we have three different types of "Packets" listed on DIY Marketplaces. These packets vary depending on the style of Digital Asset you are going to be listing:

Cutlist Packets – These packets are setup to offer the end user cut files with instructions to fabricate the components, but they do NOT contain Solid (CAD) files. These packets require WPO, Cutlist, and DXF documentation.

Solid File Packets – These packets are geared toward digital assets that are delivered as Solid (CAD) files, they may or may not contain the DXF, Cutlist, and WPO aspects found in the Cutlist Packets.

3D Print Packets – These packets are setup for 3D printing. They contain the solid file for the print along with any additional information required to successfully utilize the digital asset.

Requirements For ALL Packets

> Every packet that you submit DIY requires the following to properly list the asset for sale:

1. How much do you want to sell your Digital Asset for? This is the price listed on the site, not the amount you want each time it sells. For example, if you want $85 each time your Digital Asset sells you need to list it for $100, DIY requires a 15% processing fee.
2. The product description for the website. This is what will be listed on the product page.
3. Part Number for the Packet (see below).

Part Numbering System:

All DIY Designers need to adhere to the part numbering system designed below for each packet, NOT the individual items in those packets. This is for organization within the DIY system. You can keep and utilize your own part numbers for your assembly/component. For any questions on the part numbering set-up or questions about categories please email info@DIYOffroad.com

First Three Letters (Green) – Designate the DIY Designer Company (IE: Tekk). If an Individual, leave blank.

First Three Numbers (Purple) – Represent category. The category number designation will be posted on the respective DIY Marketplaces "DIY Sellers" page near the bottom.

Middle Three Letters (Blue) – Initials of file originator, (Designer/Seller), "JEH" for Jason Elvis Heard.

The Last Three Numbers (Red) – Represent part number, specific to the category.
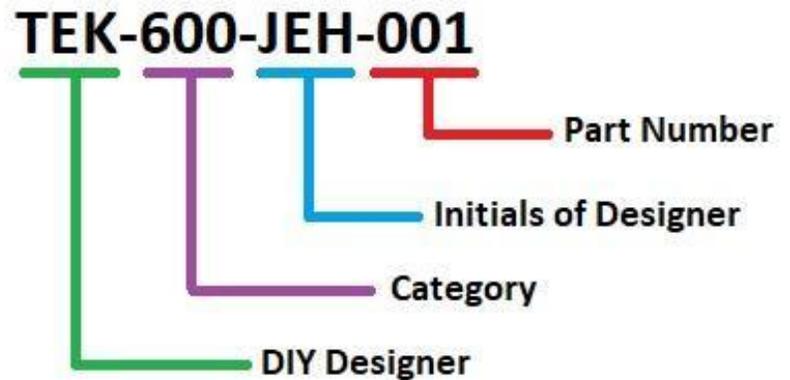
Category Part Number Reference
600 - Race/Play Chassis Components
601 - Mounts and Accessories
602 - Bumpers, Frame Horns, Body Mounts
603 - Leaf Spring Components
604 - Rear End Components
605 - Link Arms and Mounts
606 - Exhaust Components
607 - I Beam Suspension Components
608 - Jeep Components
610 - UTV Components
100 - Imperial Tabs
101 - Metric Tabs
104 - Tools and Fixtures
105 - 3D Printed Tools and Fixtures
106 - Machined Components

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Submitting Cutlist Packets

Cutlist packets are the most secure of the packets you can submit. This is because the customer does not end up with the actual CAD file of the component and is the preferred delivery method of DIY Marketplaces founder, Jason Heard. These packets do not contain Solid files, requiring you to provide additional information so the customers can properly build the digital asset.

Each packet should contain the following for Cutfiles:
- *Folder with DXF Files*

604-JEH-001
DXF

604-JEH-001
CUTLIST

604-JEH-001
PDF image

604-JEH-001
RENDER 1

604-JEH-001
RENDER 2

- *Cutlist (spreadsheet or image of sheet)*
- *PDF print of component*
- *Image (JPEG) of PDF print*
- *Renders*
- *WPO PDF document*

DXF File Submission Guidelines

All DXF files submitted must be in imperial sizing and dimensioning, and those with bends need to have the bend lines and degree of bend pointing to bend line. See the below example for reference.
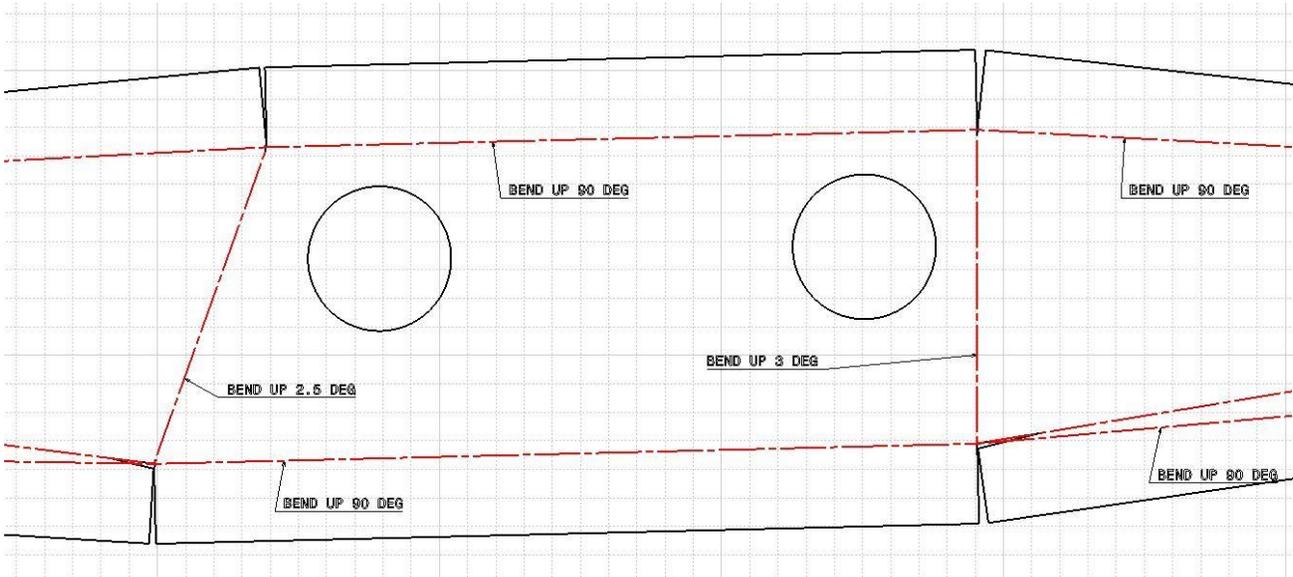
Dimensional PDF Requirements

All Dimensional PDF documents need to follow the format listed below to maintain consistency. Some specialty components will need a slightly different style, and that will be addressed per item.

1. All Dimensional PDFs must have both Metric and Imperial numbers listed.
2. Must have DIY Designer logo, (your logo can be whatever), and initials, (root designer's initials).
3. Must list important dimensions, IE: bolt hole, tab spread, overall depth/height/width.
4. Left hand column must list DXF files and any important items to complement the weldment.

Some weldments require tube sections to complete the component. These tube sections need to be detailed out in individual dimensional PDF documents. Below is an example of two tube sections required for one of the Tekk link arms that is sold on the DIY Marketplaces platform. These tube dimension PDF's act as a guide for DIY Marketplaces customers to either make the pieces by hand or have them CNC laser cut from the accompanying tube .STEP files.
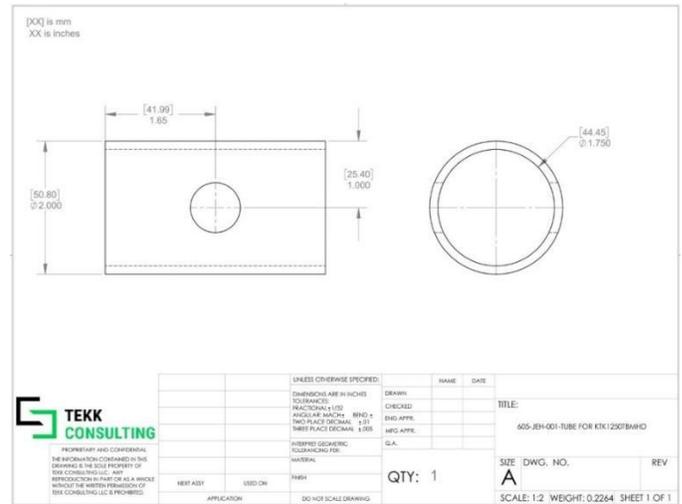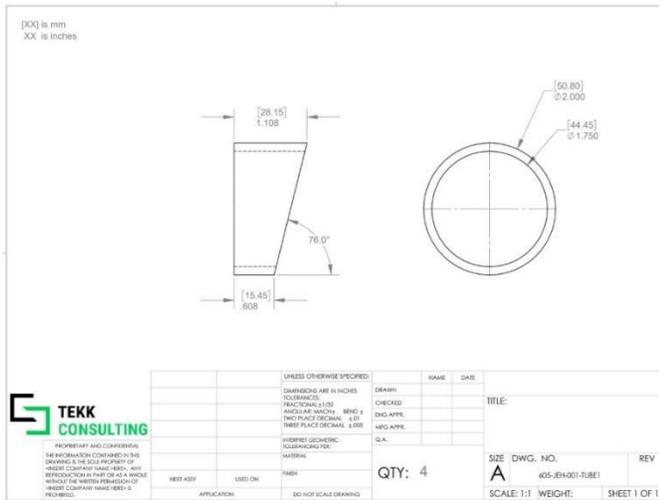
What is a WPO?

The term WPO is a universal set of instructions called a "Weld Process Order" and is designed to guide a fabricator in the assembly and welding of said component/weldment. These can come in two different formats, physical WPOs or digital WPOs. Examples of each are attached in the initial DIY Designer Application email, the only difference is you will have your own DIY Designer information in place of "Tekk Consulting".

Physical WPO: This is a WPO where the designer is using images from the actual fabrication of the component for the WPO. This is done in a step-by-step format, walking the customer through the process of building the component. Example: WPO 605-JEH-001, (separate PDF attached in initial DIY Designer application email).

Digital WPO: This is a WPO compiled of screenshots/renders with notations walking the customer through the fabrication of said component. Example: WPO 605-JEH-106, (separate PDF attached in initial DIY Designer application email).

Video WPO: This is a video that you put together showing the process in how to assemble/weld the components. This can be done in real life with physical parts, or you can do it virtually by simply narrating and recording your screen while you dictated to the end user how the components are welded together.

Excel Cutlist Requirements:

The cutlist is only required for weldments that have more than one DXF file. This is a guide for whoever is cutting the parts to start with when laying out the DXF files for cutting.

The following format is required:

Column A – Part Number (PN) of the DXF file.

Column B – The quantity (QTY) per item, if this is something that requires a pair or two, (left and right / driver and passenger), you will need to make sure you fill out the QTY column to ensure a complete pair is cut.

Column C – The material thickness, (THICKNESS), of the DXF to be cut.

Column D – Dictates if the plate needs bending, (BEND), and if that bending is "mirrored" for the pair or not.

> *NO*: Mean no bending required
> *YES*: Bend but Do NOT Mirror the part
> *YES, MIRROR*: Bend and Mirror the part, left/right.

TUBE SECTIONS – You will notice on the Cutlist there are a few tube pieces, these are listed for the quantity and reference the dimensional PDF documents that accompany the tube pieces. The sections, if required in the design, should also be added to the cutting files in single ". STEP" file format.

	A	B	C	D
1	605-JEH-005			
2				
3	PN	QTY	THICKNESS	BEND
4	605-JEH-001-LCP1	2	0.125	NO
5	605-JEH-004-LCP4	4	0.125	NO
6	605-JEH-004-LCP5	2	0.125	NO
7	605-JEH-001-LCP8	2	0.125	NO
8				
9	605-JEH-002-LCP3	1	0.125	NO
10	605-JEH-002-LCP4	1	0.125	NO
11	605-JEH-002-LCP5	1	0.125	NO
12	605-JEH-002-LCP6	1	0.125	YES
13	605-JEH-005-LCP1	2	0.125	NO
14	605-JEH-005-LCP2	1	0.125	YES
15	605-JEH-005-LCP3	2	0.125	YES, MIRROR
16	605-JEH-005-LCP4	1	0.125	YES
17	605-JEH-005-LCP5	1	0.125	YES
18	605-JEH-005-LCP6	2	0.125	YES, MIRROR
19	605-JEH-004-LCP7	1	0.125	YES
20	605-JEH-004-LCP8	1	0.125	NO
21				
22				
23	605-JEH-001-TUBE 1	4		
24	605-JEH-001-TUBE 2	1		
25				

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Submitting Solid File (CAD) Packets

If you prefer to submit Solid (CAD) files, then this is the style packet you need to submit. These packets deliver CAD files to customers so they can open them in their own program and do with them as they please. Keep in mind that the customer agrees at purchase that they do not own the rights to the file, only the rights to cut/build the file.

Optional WPO PDF – To assist customers in the assembly and fabrication of the Digital Asset we suggest adding a WPO to the packet, (as seen above). This will explain to the end user some of the details they may overlook by simply viewing the solid file. If you choose not to provide a WPO, we suggest making sure that the Solid file has the part numbers properly listed along with the part numbers of the components that may be required, (bearing cups, specialty fasteners, and spacers).

Each Packet should contain the following for PRINT Files:
- *CAD files, preferably XT or STEP file format*
- *PDF print of component*
- *Image (JPEG) of PDF print*
- *Renders*
- *WPO PDF instructions (optional)*

Submitting 3D Print Packets

These packets are setup for printing. You only need a few items included in these packets. We suggest including a word doc that dictates your preferred print settings/material along with any other special instructions required to complete the printed component.

Each Packet should contain the following for PRINT Files:
- *STL files*
- *PDF print of component*
- *Image (JPEG) of PDF print*
- *Renders*
- *BOM (bill of materials) PDF Document that dictates what hardware (if any) is required for component.*
- *Instructional word doc (optional)*

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Now onto the boring legal stuff! Fill out the section below and return to DIYmarketplaces.com.

Company Name _____ Designer/Seller _____ Phone _____

EIN or SSN for Taxes _____ Email for Tech Support/Everything _____

Address _____

Company/Personal Website Address_____

Primary CAD Software Utilized_____ Years of Experience _____

Main DIY Product Focus _____
(Can be multiple, example is: VW bug front beams, arms, and trailing arms. Along with shop tools/mounts)

I certify that submitted designs are not a proprietary design owned by anyone else or other entity, other than myself or an entity in which I'm the majority shareholder. In the event of litigation based on stolen proprietary design files I indemnify DIYmarketplaces.com, DIYoffroad.com, DIYmusclecar.com, DIYcobot.com, DIYmotorcycle.com, and its partners for any and all litigation.

I certify that all designs and files originated from a legal and licensed version of CAD software.

I certify that I understand DIY is a Marketplace and is not responsible for the products I'm selling on the site, that the liability of the design falls on me and my company. I understand DIY is simply a reseller of my digital assets.

I grant DIYmarketplaces.com permission to host, sell, and advertise the files I submit to DIYmarketplaces.com

Print Name_____ Signature _____ Date _____