

Impulse Components

[Origin's Impulse Powered Armor](#) is a modular system, made up of a number of interchangeable components, which allows the suit to be custom tailored for specific situations and price points, from the inexpensive industrial power suit, to the high-price, high-spec military application. With a number of options, the Impulse's design allows the suit to be configured for any need.

[Origin's Impulse components first became available in YE 34](#)



Structure

All Impulse suits have the same basic structure, they are made up of 7 main parts, that being, the Frame, Insert, Power-assistance, Computer, Armor set, Helmet, and Backpack or Backplate. These parts all work in conjunction to make the Impulse the flexible platform for just about any job that needs to be done, from lifting that heavy piece of industrial equipment, to destroying your home planet's alien invaders.

Note that the middle layer, also known as the [Inner Armor](#), is the same no matter what other parts are chosen.

Frame

Part Name	Part Number	Description	SP	Weight	Price
Stamped Titanium Frame	OI-M2-F3100	Basic	1	1	2,000 DA
Billet Durandium Frame	OI-M2-F3101	General-use	2	1	5,000 DA
Billet Nerimium-Durandium alloy Frame	OI-M2-F3102	Light combat, Heavy Duty	3	2	10,000 DA
Billet Nerimium Frame	OI-M2-F3103	Heavy combat, Super-heavy duty	4	3	20,000 DA

Insert

Part Name	Part Number	Description	Weight	Price
Basic liner	OI-M2-L3100	Cheap foam padding covered in a soft fabric	1	500 DA
Comfort liner	OI-M2-L3101	Mixture of foam and gel with a moisture-wicking liner	2	1,000 DA
Extended-wear liner	OI-M2-L3102	Polymer weave, mesh and foam padding, climate-control	2	3,000 DA
Military-spec liner	OI-M2-L3103	Same as Extended wear, with added ballistics-reducing inserts.	3	6,000 DA
Hemosynthetic Liner	Ke-M6-F2902	A Hemosynthetic liner sourced from the Daisy power armor, contains SPINE interface, and is capable of removing pilot waste.	2	SAoY-Only

Power-assistance

Servos

Servos are basic, reliable, cheap, and easily rebuildable. Found just about anywhere, servos provide a lot of bang for the buck, but tend to be slightly slower in response than nanomuscle or Hemosynth flesh.

Part Name	Part Number	Description	Lifting	Price		
				Individually	Rebuild Kit	Set
Basic Servo	OI-M2-S3100	Can support 1,000 Lbs, including suit and pilot ¹⁾	10	20 DA	5 DA	560 DA
Medium-Duty Servo	OI-M2-S3101	1,500 Lbs	15	40 DA	10 DA	1120 DA
Heavy-Duty Servo	OI-M2-S3102	2,000 Lbs	20	60 DA	15 DA	1680 DA
Military-Spec Servo	OI-M2-S3103	2500 Lbs	25	80 DA	20 DA	2240 DA

Nanomuscle groups

Nanomuscles are top-performing power-assistance. Extremely capable, they have faster response times and less bulk than servos, but are somewhat more finicky and cannot be rebuilt.

Part Name	Part Number	Description	lifting	Price		
				Individually	Rebuild Kit	Set
Basic Nanomuscle	OI-M2-N3100	Can Support 1500 Lbs, including suit and pilot	15	25 DA	N/A	700 DA
Medium-Duty Nanomuscle	OI-M2-N3101	2,000 Lbs	20	50 DA	N/A	1400 DA
Heavy-Duty Nanomuscle	OI-M2-N3102	2,500 Lbs	25	80 DA	N/A	2240 DA
Military-Spec Nanomuscle	OI-M2-N3103	3,000 Lbs	30	110 DA	N/A	3080 DA

Computer

Part Name	Part Number	Description	Price
Digital Control module	OI-M2-C3100	Supports movement based on signals to the user's extremities, basic HUD	500 DA
PAWN System	OI-M2-C3101	PAWN	2,000 DA
Silhouette	OI-M2-C3102	Silhouette	3,000 DA
FATE IES Type S	OI-M2-C3103A	FATE Type S	5,000 DA
FATE IES Type A	OI-M2-C3103B	FATE Type A	8,000 DA
AIES	KE-M6-E2901	Armor Integrated Electronics System (AIES) , sourced from the Daisy	SAoY-Only

Armor Sets

Armor sets are what makes a power armor strong, protecting its pilot from the elements, or enemies. Origin offers several different types of armor for many different uses and budgets.

All armor sets can come in male or female versions.

Part Name	Part Number	Description	SP	Weight	Appearance	Price
Stamped Titanium	OI-M2-A3100	Basic Titanium plating. Industrial use	3	4	Standard	3,000 DA
Billet Durandium	OI-M2-A3101	Heavier plates for heavy industrial and light-duty combat	4	6	Standard	6,000 DA
Billet Nerimium-Durandium alloy	OI-M2-A3102	Heavy duty plates for combat	6	8	Standard	12,000 DA
Billet Nerimium	OI-M2-A3103	Super-heavy Military plates	8	10	Standard	24,000 DA

Helmet

Part Name	Part Number	Description	SP	Weight	Appearance	Price
Basic Helmet	OI-M2-H3100	A jar for your noggin. Has a Durandium-T visor, basic HUD	1	1	Standard	340 DA
Impulse I	OI-M2-H3101	Medium-duty, general-use helmet, Basic HUD	1	1	Standard	500 DA
Impulse II	OI-M2-H3102	Same as Impulse, HUD and sensors for combat use	1	1	Standard	750 DA
Daisy	KE-M6-H2900	The Daisy Helmet	1	1	Same as Daisy	SAoY-Only

Power Supply & Propulsion

Backpack

Note- The Backpack's SP does not count toward the suit's SP

Part Name	Part Number	Description	SP	Weight	Appearance	Price
Standard Backpack	OI-M2-P3100	Standard Backpack	3	3	²⁾	1,600 DA
Assault Backpack	OI-M2-P3101	Assault Backpack	3	3	³⁾	2,000 DA
Space Backpack	OI-M2-P3102	Space Backpack	3	4	⁴⁾	5,000 DA

Backplate

The backplates are integral units which can be used to replace the backpacks, allowing for the rear hardpoint to be used for other devices. They do not add significantly to a suit's SP.

Part Name	Part Number	Description	Weight	Appearance	Price
Standard Backplate	OI-M2-P3200	Standard Backplate	2	A Flattened version of the Standard Backpack	3,200 DA
Assault Backplate	OI-M2-P3201	Assault Backplate	2	A flattened version of the Assault Backpack	4,200 DA

Part Name	Part Number	Description	Weight	Appearance	Price
Space Backplate	OI-M2-P3202	Space Backplate	3	A flattened version of the Space Backpack	10,000 DA
SAoY Backplate	OI-M2-p3400	SAoY Backplate	2	A mostly flat backplate with some bulges covering larger components	SAoY-Only

Builds

While highly customizable, the Impulse does come in a variety of 'standard' builds. These more standard builds are optimized for a wider variety of tasks, as well as for certain price brackets. A Standard build is also a good starting place for customization.

Base

The Cheapest variant of the Impulse, mostly for industrial work.

Component	Name	Part Number	SP	Weight	Price
Frame	Stamped Titanium	OI-M2-F3100	1	1	2,000 DA
Insert	Basic Liner	OI-M2-L3100	N/A	1	500 DA
Power Assist	Basic Servo	OI-M2-S3100	N/A	-10	560 DA
Computer	Digital Control Module	OI-M2-C3100	N/A	N/A	500 DA
Armor	Stamped Titanium	OI-M2-A3100	3	4	3,000 DA
Helmet	Basic	OI-M2-H3100	1	1	340 DA
Power Supply	Standard backpack	OI-M2-P3100	N/A (3)	3	1,600 DA
Total	N/A	N/A	5	0	8,500 DA

Standard

Most common variant of the Impulse. General purpose.

Component	Name	Part Number	SP	Weight	Price
Frame	Stamped Titanium	OI-M2-F3100	1	1	5,000 DA
Insert	Mil-Spec	OI-M2-L3103	N/A	3	6,000 DA
Power Assist	Medium-Duty Servo	OI-M2-S3101	N/A	-15	1,120 DA
Computer	PAWN	OI-M2-C3101	N/A	N/A	2,000 DA
Armor	Nerimium-Durandium Alloy	OI-M2-A3102	6	8	12,000 DA
Helmet	Impulse I	OI-M2-H3101	1	1	500 DA
Power Supply	Standard Backpack	OI-M2-P3100	N/A (3)	3	1,600 DA
Total	N/A	N/A	8	-1	28,220 DA

Combat

A Basic Combat armor. For the mercenary or security guard.

Component	Name	Part Number	SP	Weight	Price
Frame	Nerimium-Durandium Alloy	OI-M2-F3102	3	2	10,000 DA
Insert	Mil-Spec	OI-M2-L3103	N/A	3	6,000 DA
Power Assist	Heavy-Duty Servo	OI-M2-S3102	N/A	-20	1680 DA
Computer	PAWN	OI-M2-C3101	N/A	N/A	2,000 DA
Armor	Nerimium-Durandium Alloy	OI-M2-A3102	6	8	12,000 DA
Helmet	Impulse II	OI-M2-H3102	1	1	750 DA
Power Supply	Assault Backpack	OI-M2-P3101	N/A (3)	3	2,000 DA
Total	N/A	N/A	10	-3	34,430 DA

Military

High-Spec, high strength military muscle. Very expensive.

Component	Name	Part Number	SP	Weight	Price
Frame	Billet Nerimium	OI-M2-F3103	4	3	20,000 DA
Insert	Mil-Spec	OI-M2-L3103	N/A	3	6,000 DA
Power Assist	Mil-Spec Nanomuscle	OI-M2-N3103	N/A	-30	3080 DA
Computer	FATE Type S	OI-M2-C3103A	N/A	N/A	5,000 DA
Armor	Billet Nerimium	OI-M2-A3103	8	10	24,000 DA
Helmet	Impulse II	OI-M2-H3102	1	1	750 DA
Power Supply	Assault Backplate	OI-M2-P3201	N/A	2	4,200 DA
Total	N/A	N/A	13	-11	63,030 DA

SAoY-spec 'Atlas' Variant

The Atlas is a special-build Impulse available only to the SAoY. It uses several KFY components sourced from the Daisy power armor, as well as some specially designed Origin components that are unique to the model. Strangely enough, the Atlas is not the most powerful, or highest-performing build of the Impulse.

Component	Name	Part Number	SP	Weight	Price
Frame	Stamped Titanium	OI-M2-F3100	1	1	N/A
Insert	Hemosynthetic	Ke-M6-F2902	N/A	2	SAoY only
Power Assist	Heavy-Duty Servo	OI-M2-S3102	N/A	-20	N/A
Computer	AIES	KE-M6-E2901	N/A	N/A	SAoY Only
Armor	Nerimium-Durandium Alloy	OI-M2-A3102	6	8	N/A
Helmet	Daisy	KE-M6-H2900	1	1	SAoY only

Component	Name	Part Number	SP	Weight	Price
Power Supply	SAoY backplate	OI-M2-p3400	N/A	2	SAoY only
Total	N/A	N/A	8	-6	N/A

1)
Full Set of 28
2) 3) 4)
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See Description

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