



3DPrintFreedom.com
Bill of Materials

PRODUCT: 3DP90 Hardware Kit (V2)

VERSION: 1.5

Part	Description	Description	Quantity	
<input checked="" type="checkbox"/>	45	Charging Bars	Aluminum, 0.125" x 0.5" x 7.875"(200mm)	2
Springs				
<input checked="" type="checkbox"/>	30	Trigger Lower Spring	7/32" x 1.5" Spring	1
<input checked="" type="checkbox"/>	31	Trigger Upper Spring	7/32" x 11/16" Spring	1
<input checked="" type="checkbox"/>	32	Mag Catch Spring	9/32" x 3/4" Compression Spring	2
<input checked="" type="checkbox"/>	33	Firing Pin Spring	0.3mmx4mmx20mm Compression Spring	1
<input checked="" type="checkbox"/>	34	Recoil Springs	11" x 0.24" x 0.178"	2
Nuts / Bolts				
<input checked="" type="checkbox"/>	9	Charging Handle Bolts	M2.5x16 Countersunk Screw	4
<input checked="" type="checkbox"/>	10	Extended Charging Handle Bolts	M2.5x22 Countersunk Screw	4
<input checked="" type="checkbox"/>	11	Bolt Catch Plate Bolts	M3x10 Button Head Screw	2
<input checked="" type="checkbox"/>	12	FCG Pack Bolts	M3x16 Socket Cap Screw	4
<input checked="" type="checkbox"/>	56	Barrel Shroud Rail Screws	M3x16 Countersunk Screw	5
<input checked="" type="checkbox"/>	13	Receiver Bridge Screws	M4x10 Socket Cap Screw	8
<input checked="" type="checkbox"/>	14	Receiver Bridge / Trunnion Screws	M4x15 Socket Head Screw	4
<input checked="" type="checkbox"/>	57	Vaulthunter Clamshell / G36 Optic Mount	M4x20 Socket Head Screw	6
<input checked="" type="checkbox"/>	58	Slabside Barrel Shroud Bolts	M4x30 Countersunk/Flat Head Screw	2
<input checked="" type="checkbox"/>	59	Clamshell Bolts	M4x30 Socket Cap Screws	8
<input checked="" type="checkbox"/>	60	Vaulthunter / OEMHunter Clamshells	M4x35 Socket Head Screw	2
<input checked="" type="checkbox"/>	61	Grip Panel Screws	M4x40 Socket Head Screw	1
<input checked="" type="checkbox"/>	15	Bolt Screws	M4x100 Countersunk Screws	2
<input checked="" type="checkbox"/>	16	OEM / OEMHunter Clamshell / Handstops	M5x30 Socket Cap Screw	1
<input checked="" type="checkbox"/>	62	Vaulthunter Clamshell / Handstops	M5x35 Socket Head Screw	1
<input checked="" type="checkbox"/>	17	Stock / Brace Bolt	M5x40 Countersunk Screw	1
<input checked="" type="checkbox"/>	63	Long Shroud Bolt for Fatty	M5x45 Socket Head Screw	1
<input checked="" type="checkbox"/>	64	V1 Middle to Front Receiver	M5x45 Button, Countersunk or Low Profile	1
<input checked="" type="checkbox"/>	18	Stock / Brace Bolt	M6x20 Button Head Screw	2
<input checked="" type="checkbox"/>	19	Rear Receiver to Trunnion Bolt	M6x25 Button Head Screw	2
<input checked="" type="checkbox"/>	20	Rear Receiver to Stock / Brace	M6x60 Button Head Screw	1
<input checked="" type="checkbox"/>	65	Vaulthunter Front Grip Screw	M3x16 Allen Set Screw	2
<input checked="" type="checkbox"/>	21	Mag Catch Set Screw	M3x25 Allen Set Screw	1
<input checked="" type="checkbox"/>	22	Extractor Spring Plug	M4x4 Grub Screw	1
<input checked="" type="checkbox"/>	23	Selector Set Screw	M6x8 Grub Screw	1
<input checked="" type="checkbox"/>	71	V1 Rear Receiver Lower Rear	M6x45 Set Screw	1
<input checked="" type="checkbox"/>	24	M4 Nuts		20
<input checked="" type="checkbox"/>	25	QD Swivel Bolt Nut Handstop Nut *	M5 Hex Nut	2
<input checked="" type="checkbox"/>	26	Stock / Brace Nut	M6 Hex Nut	1
<input checked="" type="checkbox"/>	27	Trunnion / Rear Receiver Nuts	M6 Flange Nuts	2

Pins / Rods				
	Part #	Part	Description	Quantity
<input checked="" type="checkbox"/>	35	Firing Pin Retainer Pins	2mm OD, 16mm long	2
<input checked="" type="checkbox"/>	36	Ejector Rod	2.5mm OD, 164mm long Hardened Steel	1
<input checked="" type="checkbox"/>	37	Extractor Pin	3mm OD, 16mm long	1
<input checked="" type="checkbox"/>	38	Trigger Linkage Rods	3mm OD, 200mm long	2
<input checked="" type="checkbox"/>	39	Bolt Guide Rod	4mm OD, 220mm long	2
<input checked="" type="checkbox"/>	40	FCG Disconnecter Over-travel Rod	6mm OD, 25mm long	1
SCS Plates				
	Part #	Part	Description	Quantity
<input checked="" type="checkbox"/>	46	Bolt front plate	Steel, 3mm thick	1
<input checked="" type="checkbox"/>	47	Bolt mid plate	Steel, 3mm thick	1
<input checked="" type="checkbox"/>	48	Bolt rear plate	Steel, 3mm thick	1
<input checked="" type="checkbox"/>	49	Extractor	Steel, 3mm thick	1
<input checked="" type="checkbox"/>	50	FP	Titanium, 0.063" thick	1
<input checked="" type="checkbox"/>	51	Bolt Hold Open SCS Plates	Aluminum, 3.2mm thick	2
Other				
	Part #	Part	Description	Quantity
<input checked="" type="checkbox"/>	1	AR15 Disconnecter		1
<input checked="" type="checkbox"/>	2	AR15 Disconnecter Spring		1
<input checked="" type="checkbox"/>	3	AR15 Hammer		1
<input checked="" type="checkbox"/>	4	AR15 Hammer Spring		1
<input checked="" type="checkbox"/>	5	AR15 Trigger		1
<input checked="" type="checkbox"/>	6	AR15 Trigger Spring		1
<input checked="" type="checkbox"/>	8	AR15 Safety Detent Spring		<u>1</u>
<input checked="" type="checkbox"/>	7	AR15 Anti-Walk Pins		1
<input checked="" type="checkbox"/>	28	Receiver bridge heatsets Rail heatsets *	M3 x 5.7mm x 4.8mm OD	4
<input checked="" type="checkbox"/>	29	Clamshell, rear shroud heatsets	M4 x 4.7mm x 6.35mm OD	6
<input checked="" type="checkbox"/>	41	Guide Rod E-Clips	4-5mm	4
<input checked="" type="checkbox"/>	42	QD Swivel & Cup		1
<input checked="" type="checkbox"/>	43	Selector Ball Plunger Detent	5mm OD x 6mm long.	<u>1</u>

BOLT OPTION:

Pre-Poured Bolt Cerrosafe Bar (1lb)

BARREL OPTION:

12.5" Barrel 16" Barrel

Important Notes:

- Some parts may require cutting to final length, fitting to your particular build, or other postprocessing
- Some part sizes may vary from nominal. In all cases, we have verified this variation to be acceptable for this particular part and build.
- In some cases, we may include extra quantity of parts for spares or backups
- Follow all documentation for this design when building with this kit
- **Important supplemental documentation is available at <https://www.3dprintfreedom.com/downloads>. Please click "Supplement" under this kit's name.**

Pack Date: _____

Packed By: _____

Thank you for your business!