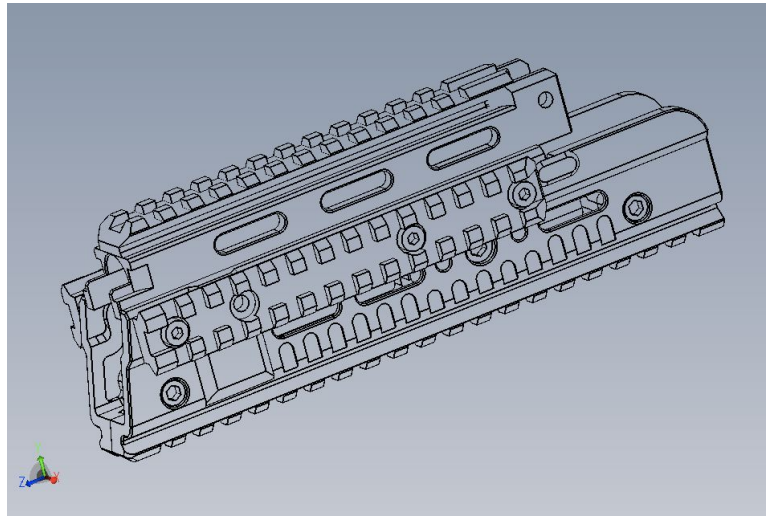


Installation instructions for hand guard D-Force Tactical Spirit M2016 for the Sa58 rifle

List of spare parts *

1. Upper hand guard – 1 piece
2. Lower hand guard left – 1 piece
3. Lower hand guard right – 1 piece
4. The connecting screw M5x25 – 2 Pcs
5. Fastening screw M6x22 – 3 Pcs
6. The side rails Screw M5x12 – 4-8 Pcs
7. The upper hand guard rear screw M5x30 – 1 Pcs
8. The upper hand guard rear nut M5 – 1 Pcs
9. The upper hand guard retaining screw M5x5– 1 Pcs
10. Side rails washer– 4-8 Pcs
11. Side rail long/short – 2 Pcs

**the exact content of each delivery will vary depending on the ordered equipment of the hand guard.*



Acknowledgments

Thank you for your purchase of the product from the series D-Force. We are proud that we offer you this product is designed and manufactured to the highest level and according to strict quality standards. We are sure that you will enjoy premium design, high reliability, user comfort and absolute safety of the product.

IMPORTANT SAFETY WARNING

Never make any unprofessional modification of the D-Force products. Never install any additional accessories to improve the performance or utility value of the products. Never make the amateur mounting of D-Force products at your weapon. The D-Force products are designed exclusively for the professional mounting by the professional gunsmith. The infringement of these warnings can increase the possibility of accidents leading to death or serious injury! The infringement of these requirements results in the loss of warranty. During the use of the product, you are responsible for your safety and the safety of others around you!

Warning

The hand guard is designed exclusively for mounting at the Sa58 rifle and its clones. The gun must be safely unloaded before mounting and without magazine! If due to different tolerances by individual weapons cannot be the hand guard assembled freely, use a very gentle pressure. If the hand guard cannot be settled down after this, please contact the manufacturer of the hand guard for the professional assembly. **NEVER use inadequate violence for hand guard assembly!**

Installation of the lower hand guard

1. Disassemble the original upper and lower hand guard from the Sa58 rifle. Check if the contact surfaces of the gun are clean and undamaged.
2. Place the gun on the right side and place the right side of the lower hand guard without the use of excessive force instead of the original hand guard. If the original hand guard clamp is loose, glue into the side slots of the hand guard the anti-vibration rubber seals.
3. Attach the left side of the lower hand guard, fold the set carefully and lightly screw with the M5x25 screws.
4. Settle the lower hand guard on the weapon in the best position and firmly attach to the gun with the M6x22 screws. Then tighten the screws M5x25 as well.
5. If you do not want to remove the hand guard from the weapon already, fix the screws by assembly with the appropriate glue on the threads (Loctite).

Installation of the upper hand guard

1. Place upper hand guard without the use of excessive force instead of the original upper hand guard. 2. Fix the upper hand guard on the weapon and tighten the rear M5x30 Allen screw, tighten it with the adequate power. Keep the threads of this screw to keep properly greased by a suitable lubricant. Do not use glue on the threads!

3. Set the height clearance of the upper hand guard to the gun by using the set screw M5x5 in the front part. Fix this screw with appropriate glue on the threads (Loctite).
4. After the installation and the check of the hand guard fire few dozen rounds from the gun. After this examine if the hand guard is set properly make sure that the hand guard is properly established. Any clearances that appear as the result of fitting of the surfaces, remove by tightening of the mounting screws.
5. Now is now your new Tactical Spirit handguard ready to use!

Important assembly warning

In order to achieve high accuracy of fire with optical sights mounted on the hand guard, it was necessary to minimize any undesirable clearance in the embedding of the hand guard. Therefore, the hand guard D-Force Tactical Spirit is produced with absolutely minimal tolerances to the weapon. However, the Sa58 rifle is produced in relatively high dimensional tolerance. These tolerances are particularly high in the case of shortened rifle clones. As a result, it is possible that to some of the weapons will be the hand guard will be mounted very easily, and to some weapons it has to be dimensionally adapted.

!!!WARNING!!!

!!!NEVER use inadequate violence for hand guard assembly!!!

The hand guard must be assembled totally free and with sufficient clearance! The hand guard must not be assembled with oversize, must not be spring-loaded, or tight embedded. The hand guard must be slipped on the gun totally free. The improperly assembled hand guard can burst not only by the assembly but also by shooting due to the barrel oscillation! The damage of the hand guard caused by incorrect or forcible assembly is absolutely not covered D-Force by the life-guarantee.

If appear problems with the installation don't hesitate to contact the manufacturer for professional assembly. If you decide to personalize for a specific weapon, follow the following instructions:

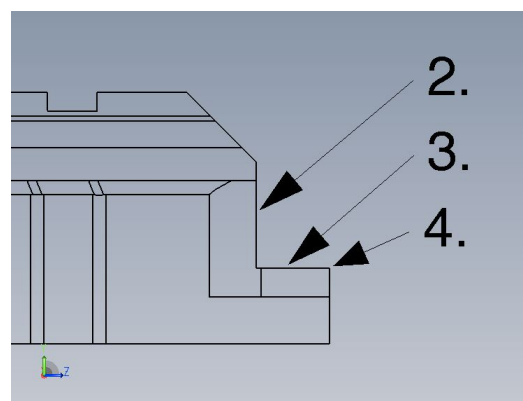
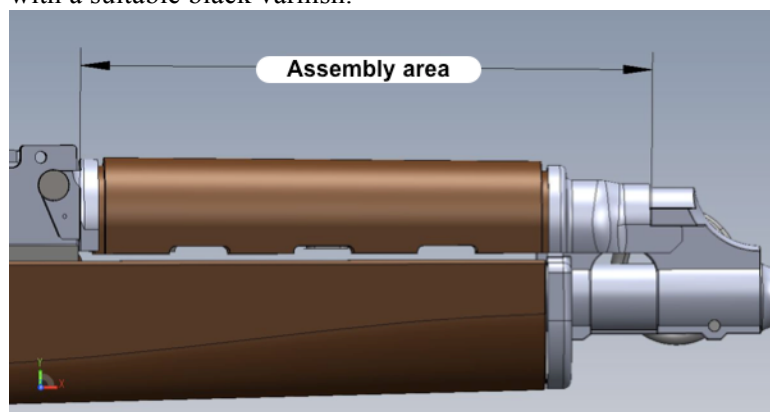
If the upper hand guard is too long and doesn't fit between the weapon body and the gas tip.

Measure the "Assembly area" of the hand guard. According to its length, make the adjustment of the surface on the head of the hand guard in the area "2." with a smooth file. In this place must be the clearance at least 0.5 mm.

If the upper hand guard can be slipped partly on the weapon, but puts the elastic resistance.

It is necessary to modify the whole upper surface of the claw "3." with a smooth file, grind down the edge "4." and, eventually also the inner circular area to the extent that the elastic resistance completely disappear and the hand guard is to be set completely free.

All surfaces grind down very smoothly and in small layers and control the clearance of the hand guard frequently and right on the weapon, to prevent the occur of unnecessarily large clearances. **The aim is to slip the upper hand guard to the gun quite freely**, but without unnecessary clearances. After finishing the hand guard, paint the machined surfaces with a suitable black varnish.



The installation of the tactical side rails

The hand guard can be easily equipped with a pair of tactical side rails of different lengths. Select the appropriate type of rails from the accessories D-Force and by the use of M5x15 Allen screw it firmly into holes prepared on the lateral surfaces of the hand guard. Tighten the screws with suitable glue (Loctite).

The purpose of the hand guard Tactical Spirit

The hand guard Tactical Spirit is intended for installation of the accessories to the four rails with the corresponding profile fixing elements. There are two basic types of side rails available – standard (commercial) and the original D-Force. Products marked for installation on STANAG 4694, Weaver rail, Mil-STD 1913, Picatiny or STANAG 2324 can be mounted on the standard rail mount, but there may be an incompatible formats and fixing elements. The manufacturer is not liable for 100% commonality with all the available products of third parties.

If you require maximum compatibility with current standard STANAG 4694, choose essentially **the original rails D-Force**, whose parameters fully comply with this standard. Original rails D-Force are strongly recommended for professional use of the weapons.

The sum of the weights of all the deployed supplements on the hand guard should not exceed 500 grams, while the upper hand guard should not be loaded with more than 150 grams. All accessories must be securely and tightly fastened without any clearance and mounted to the hand guard and challenged symmetrically balanced.

The use of the hand guard Tactical Spirit

The hand guard Tactical Spirit was developed as a modern replacement for the original Sa58 that allows the efficient assembly of modern accessories to the four mounting rails. It is designed for sport shooting individual strokes, but also for demanding use on fully automatic gun fire support. Therefore, it is designed with a view to the efficient front exhaust heat from the exposed parts mainly, and allow longer continuous shooting and faster cooling weapons. In the case of such use, however, the weapon and also upper hand guard, depending on the intensity of the fire quickly heats up. Therefore, it is necessary to adequately protect the shooter's hands using gloves, plastic insulating covers, slides or an appropriate handle deployed on the bottom rail. In the case of considerable overheating guns stop shooting and wait on her cool.

Maintenance

The hand guard is made from high quality duralumin alloy 7075 T6 and requires almost no maintenance. Before and after each shooting check optically the amount of sediments in the hand guard and, if necessary, remove them. Surfaces that come into contact with aggressive combustion products lubricate lightly with suitable rust preventive oil. If necessary, lubricate the piston of the weapon through the service lubricating holes. Avoid the intrusion of solid objects in the hand guard. Check the mounting rails on hand guard and possibly tighten them. If you disassemble the hand guard for cleaning of the gas piston, check the integrity of the functional part of the thread of the M5x30 screw. If the thread is damaged, always replace the screw with a new one. Always carefully check the hand guard before shooting, if is undamaged and the air vents are clean.

Lifetime warranty

We provide a **lifetime warranty** on manufacturing and material defects to the first purchaser of this product. The defective product will be repaired or replaced free of charge. The guarantee is limited for use at one weapon, and one gun assembly and does not apply to damage caused by improper installation or improper use. The warranty also does not apply to aesthetic defects in surface coating and natural wear and tear. For granting a lifetime warranty, it is necessary to fill in the registration form, which is part of the product and send it to the manufacturer of the product.

The basic set of accessories supplied with the handguard Tactical Spirit M2016

1. The connecting screw M5x25 – 2 Pcs
2. Fastening screw M6x22 – 3 Pcs
3. The upper hand guard retaining screw M5x5 – 1 Pc
4. Ant vibration rubber Seals – 2 Pcs
5. The upper hand guard rear nut M5 – 1 Pc
6. The upper hand guard rear screw M5x30 – 1 Pc
7. Rail screw M5x12 – 4 Pcs
8. Side rails washer-4 Pcs
9. Side rail short – 2 Pcs

