

Maintenance Schedule

for Sublethal Remote Guns 2019 v1

This schedule gives details about regular maintenance that must be performed on Sublethal Remote Guns for optimal performance and reliability.

Severe operating conditions

Severe operating conditions will require more frequent maintenance depending on the conditions, each case should be evaluated by the installer and communicated to the end user. Additional maintenance may be required if the Remote Gun is exposed to one of more of the following conditions:

- Temperatures above 35 degrees Celsius (95 degrees Fahrenheit)
- Temperatures below freezing
- Dusty conditions
- Strong winds
- Insect or animal infestations
- More than 100 minutes of movement per month
- Salt spray

Maintenance Schedule for normal operating conditions

1 Month maintenance (Monthly function test)

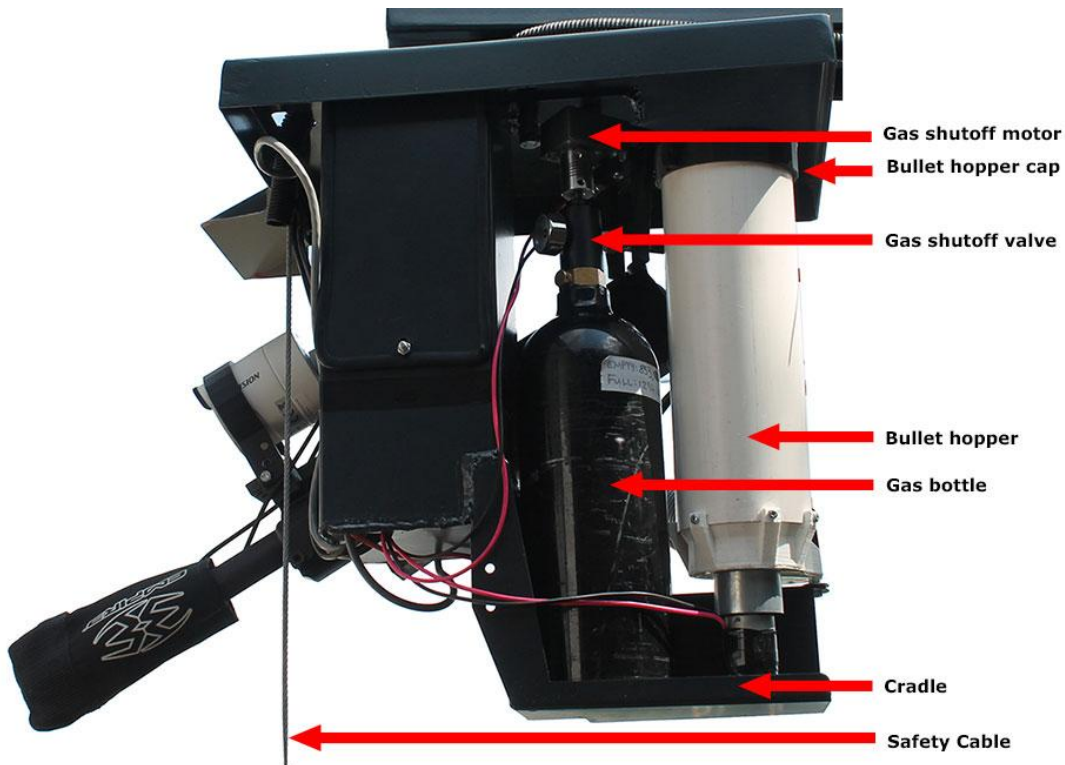
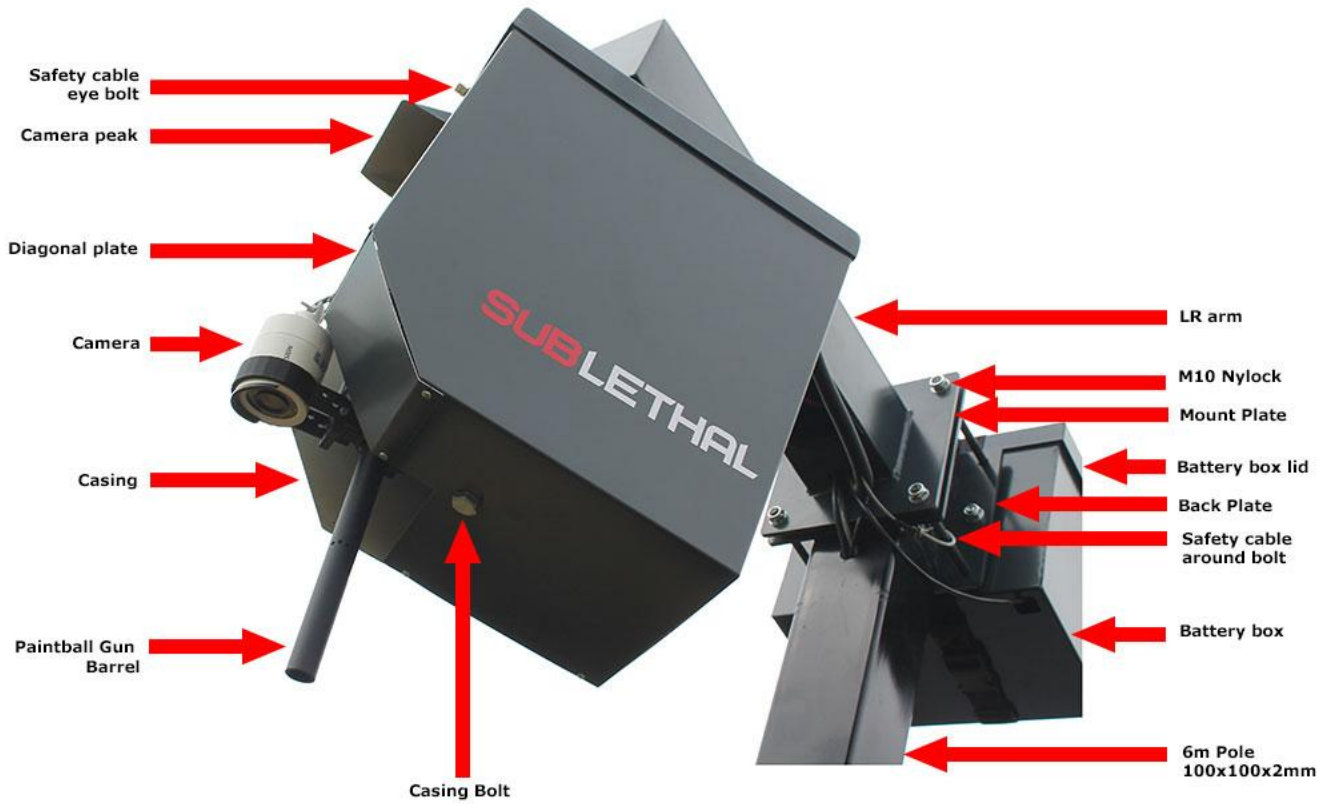
	Notify all people affected that a remote gun function test will be performed. Clear the area surrounding the remote gun of any people, animals or objects that can be injured or damaged. Wear eye protection.
	Switch on system
	Check that the screen is working
	Turn full left, right, up, down
	Shoot in a safe direction, ensure that a bullet is shot.
	Switch off system, keep the keys in a safe place.
	Visual inspection for damages from the outside

6 Month maintenance

	Notify all people affected that a remote gun function test will be performed. Clear the area surrounding the remote gun of any people, animals or objects that can be injured or damaged. Wear eye protection.
	Switch on system
	Check that screen is working
	Turn full left, right, up, down
	Switch off system, keep the keys with the person working on the Remote Gun.
	Visual inspection for damage on outside of Remote Gun
	Climb up to the Remote Gun using Personal Protective Equipment suitable for working at heights. Preferably use scaffolding.
	Put muzzle cover on the barrel
	Remove casing
	Degas the gun (Remove UD door, turn off the gas on Weapon Controller, remove muzzle cover from the barrel then shoot until the gun is empty of gas, put muzzle cover on the barrel)
	Remove and clean barrel. Replace barrel.
	Remove red battery clamp, attach to something plastic. Check battery voltage, should be higher than 12.4 Volts. Check voltage between battery clamps, should be 13.6v to 14.5v. If there is one, check battery fluid level meter.
	Replace Gas bottle with a full gas bottle
	Check that there are sufficient bullets
	Visual inspection for damage on inside of Remote Gun
	Cock the Paintball Gun
	Replace UD door
	Replace casing
	Remove muzzle cover
	Switch on system
	Check that the screen is working
	Turn full left, right, up, down
	Shoot in a safe direction, ensure that a bullet is shot. Ensure that the camera is zeroed to the gun (the bullet hits where the cross hairs are pointing)
	Check old gas bottle to see how empty it is. An empty gas bottle may indicate a gas leak.
	Give a report to the end user. Hand over keys to the end user.

Product Identification

Sublethal Remote Gun



Electrical Setup

Simplified electrical set up for installations:

