

*"eod solutions for life..."™*

**NIC**  
INSTRUMENTS  
LIMITED  
[www.nic-security.com](http://www.nic-security.com)



**Counter IED Equipment**

**NIC Instruments** has been manufacturing EOD Equipment since the early 1970s to meet the developing IED threat and is recognised as the original manufacturer of the Hook & Line system.

As the sophistication of suspect devices has increased over time and in different circumstances, the requirement to achieve more tasks semi-remotely has also increased.

**NIC Instruments** has consistently been the lead company for the design and production of hook & line equipment working in conjunction with British and World Wide Bomb Disposal Experts.

### ***World Centre of Excellence for Hook & Line Development.***

**NIC Instruments** uses world class design and manufacturing processes to bring the very best equipment to the end users.

Suspect items deemed as possibly presenting a threat are moved semi-remotely to afford protection to the EOD Operator. Using hook & line also prevents the terrorist targeting the manual actions of an EOD Operator, when all relevant actions are conducted semi remotely where required. This significantly reduces the threat to the operator. With each IED task being different, the versatility of hook & line is routinely used to provide safety during the render-safe procedure (RSP) where the use of remote means is not possible.



Hook & Line equipment is typically used in the following applications:

- Gaining access to buildings or vehicles.
- Moving objects to get access to a suspect device assessed as victim operated.
- Opening opaque items that are assessed as being too dangerous to open by hand, such as pipe bombs and containers holding organic peroxide explosives.
- Routing firing cables for EOD disrupters to avoid un-cleared ground or obstacles.
- Moving large main charges as part of a render safe procedure.
- Moving weapons & objects into a clear area in order to conduct X-Ray or other actions.
- Holding open objects such as doors and car bonnets.
- Destructive search tasks.

***NIC Instruments is committed to the ethos that equipment failure on task is simply not an option.***

Recent independent trials on several Hook & Line systems were conducted by a federal body in Germany to evaluate their effectiveness in achieving a number of specified tasks. These tasks ranged from simple to complex and saw the **NIC** Hook & Line system achieve more tasks than any other system, meeting the exacting requirements of the end user. This ultimately resulted in **NIC Instruments** being awarded the largest European Hook & Line contract ever placed.



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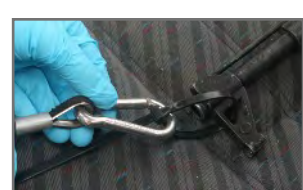
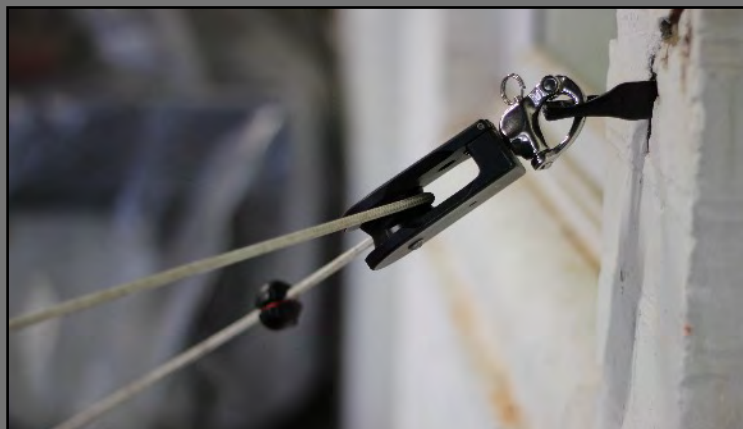


# THE PRINCIPLE C

**NIC Instruments** has developed an extensive range of Hook and Line equipment to ensure that the Explosive Ordnance Disposal (EOD) Operator is able to safely, quickly and efficiently conduct semi-remote actions whilst on operations.

Improvised Explosive Device Disposal (IEDDD) Operators often find themselves trying to carry out semi-remote tasks using equipment which has not been specifically designed for that purpose, leading to the task failing, and the Operator having to make additional unnecessary manual approaches. **NIC Instruments** work closely with British Army, High Threat, Bomb Disposal Operators, who fully understand the principles of IEDDD and are able to design and extensively test equipment to ensure that all conceivable hook and line tasks can be achieved.

**NIC Instruments** is aware of the diverse environments and situations in which EOD and IEDDD Operators work today. These range from arduous dismounted operations in desert conditions, to high profile vehicle borne operations in urban areas. For almost every scenario, **NIC Instruments** can offer a range of Hook and Line equipment to ensure that the task can be completed safely and effectively.



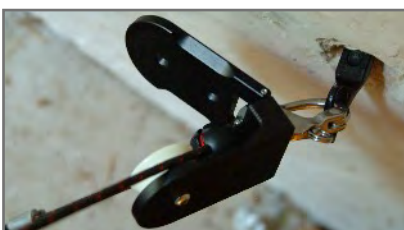
# OF HOOK & LINE

**The first principle of IEDD - “Preservation of Life”,** led to the development of the Hook & Line system by **NIC Instruments**.

Depending on the situation and the Threat Assessment, an EOD Operator may not wish to move an item or gain access to a location by hand. In such cases the movement may be achieved by an attached line and ancillaries. Due to the dangerous nature of bomb disposal work, safety and safe working practices are key to any operation. Safe working distances can vary between 60–200 metres depending on the task but generally, the standard safe working distance from a briefcase sized object in a permissive environment is 100m.

Any object when moved should be achieved in a controlled manner, as the Operator will always have to revert to manual operations once the semi-remote phase of the operation is complete. As such the equipment must be of the correct strength and design to allow the Operator as much control as possible during the “pull”. The Operator must be confident that their actions at the safe working area are consistent with what will occur at the target end, especially if he is conducting a pull out of line of sight.

Before conducting a semi-remote action the Operator must plan their actions fully at a safe distance. They should not leave the safe working area unless they are confident they have all the equipment necessary to set up a successful “pull” in one manual approach. The route to the target must also be planned and where necessary direction changes and access points must be secured to ensure the line is free to move during the “pull”.



This is achieved using various pulleys and karabiners. If an object is to be removed from a room or a building completely, then an **automatically opening snatch block** can be used to ensure the object follows the line out, snag free.

Coupled with the line and anchor tools **NIC Instruments** has designed and produced a number of **Secondary Tools** which facilitate the use of the Hook & Line equipment in situations where normal attachments are difficult to achieve, or where experience has shown that without them a successful pull is sometimes less likely. These tools include the telescopic pole to aid attachments out of the operator's reach, and a “skid pan” which assists in the unhindered passage of an item through a number of potential “snag” risks.



**NIC Instruments’** Hook & Line kits come complete with a number of well thought out and designed anchor applications to ensure that the operator can always achieve a secure and strong pulley point. These include **Rope Slings, Sticky Eyes, Suction Pads, Karabiners, Hooks, Clamps, Grips & Stakes**.

## *The first principle of IEDD is ‘Preservation Of Life’.*

Once the line has been laid the final task for the Operator is to attach the line to the suspect object. The final attachment will often be completed in a Bomb Suit. **NIC Instruments** has designed the Hook & Line tools taking into account the reduced dexterity and maneuverability of a Bomb Suit, by producing tools which are easy to use and quick to deploy.

Hook & Line has saved many IEDD Operators, Law Enforcement and Search Operators lives by separating them from danger during a positive action and by allowing them not to set patterns which are easily exploitable by criminal or terrorist groups. **NIC Instruments** will strive to innovate new systems which will aid the survivability of these personnel and add to the capability of those that place themselves in harm's way when trying to eradicate the explosive threat.





# HOOK & LINE

## THE 3 CAP

### ESSENTIAL CAPABILITY

These systems are in use where the actions required are simple and uncomplicated such as the movement of threat items like weapons and bags in a find situation and moving items as part of an aggressive search. Essential Capability Hook and Line equipment is also used by de-mining teams to move items of ordnance away from critical infrastructure, into a safe area, for demolition. The Essential Capability Hook and Line Kits contain as a minimum hooks and attachments, pulleys, a reel of line and a storage system.

#### Examples of Functionality:

- Moving objects in straight lines.
- Lifting items. Opening simple catches.
- Tipping items over to spill out contents.
- Routing of EOD weapon firing cables / communication links to avoid snagging.

NIC Instruments also manufactures specialist light weight hook and line equipment for dismounted IEDD or Special Forces Operations. This equipment is designed to save space and weight by using state of the art technology to ensure that this saving does not compromise functionality.



### ROUTINE CAPABILITY

These systems consist of Essential Capability systems to carry out more complex hook and line operations. Routine Capability kits would be typically used by a complete EOD/IEDD team and are used to provide assurance to Operators as part of a complete range of hook and line applications. The equipment, as part of any plan, is used in the render safe procedure.

#### Examples of Functionality:

- Moving objects along a line with multiple changes of direction automatically.
- Lockable pulleys to hold open doors, etc.
- Specialist anchor points, in walls, concrete, etc.
- Tools to mount and move objects up to 3m.
- Specialist slings to move objects such as pipe bombs.
- Specialist search mine equipment.



# CAPABILITY

## ABILITIES

### APABILITY

all of the elements of the s but with an increase in tools hook and line tasks. Routine typically carried as part of a Kit. Routine Capability kits nance and assist EOD/IEDD lete IEDD Team kit. A wide cations are available with this anned positive action during

: g complex routes with multi- tion using pulleys that open

lock the line at a given point car bonnets or lift carpets.

ools to fix pulleys on high crete, wood, and hard or soft

retrieve pulleys at heights of

open screw threaded items

rrors for IEDD Operators.



### EXTENSIVE CAPABILITY

These systems typically comprise of all aspects of the Routine Capability equipment but with specialist tools for specific tasks. These are generally carried by IEDD/EOD Teams with a requirement to conduct any and all hook and line tasks required as part of the render safe procedure. The Extensive Capability equipment will have both specialist tools designed for specific tasks and heavy duty tools and line to move objects in excess of 500Kg.

#### Examples of Functionality:

- Breaking vehicle glass non-explosively.
- Opening and holding open doors to allow access for an RCV or Operator.
- Removing buried large main charges from the ground or from a vehicle main load carrying area.
- Specialist tools to open vehicle doors, boot and bonnet.
- Moving target vehicles at the conclusion of the render safe procedure providing assurance to the Incident Commander.
- Specialist equipment for use on urban tasks such as key turners and specific anchors for use in buildings.



## THE HOOK & LINE

### THE 3 OPERATIONS

#### DISMOUNTED OPERATIONS

**Ultra light duty:** A very small, compact system, designed for Special Forces, rapidly deployed, working dismounted.



#### NORMAL OPERATIONS

**Normal duty:** The most popular size, a range of tools. Typically used for moving objects weighing up to 500kg.

### THE 7 FUNCTIONS

#### THE PULLING LINE

The core of the system consists of a high specification rope or line, which is laid in a planned route to the object to be moved. The action of pulling the line by the operator at the control point, results in a positive, and correctly controlled movement of the suspect object at the other end of the line.



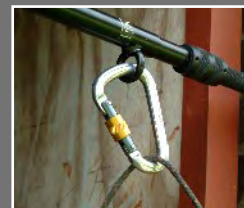
#### MANIPULATING THE LINE

A range of pulleys with various functions, and associated tools, are used to route and manipulate (move) the line correctly from the operator to the suspect object.



#### ANCHORING THE LINE

The pulleys, which route the line between operator and suspect object, are anchored or positioned, at locations along the route with a range of anchoring tools. These anchoring tools have been developed over many years to offer as wide a range of solutions as possible to anchor the pulleys along the route.



#### PRIMARY MOVEMENT

A range of primary movement tools assists the operator in moving the line to the suspect object. These tools include a selection of hooks, sticky pads, grippers. Many of these tools are designed to anchor pulleys.





# LINE SYSTEM

## ADDITIONAL THEATRES

### APPLICATIONS

With the widest range of tools for moving objects



### HEAVY DUTY OPERATIONS

**Heavy duty:** Used for moving vehicles or heavy objects in excess of 500kg.



## FUNCTIONS

### PRIMARY ATTACH-TOOLS

Primary tools that assist the operator in attaching the equipment to the suspect object. These include a wide range of tools, such as suction pads, straps and clamps. These tools also double up as a means of transport along the route.



### SECONDARY TOOLS

A range of secondary tools that assist the operator in using the equipment effectively, or assisting the suspect object to be moved efficiently. Examples are items, such as shock cords, which will pull a door open, once the latch has been activated by the pulling line. Long telescopic poles allow the line to be deployed at greater heights, or over ground that is not secure. The skid pan assists in negotiating routes with sharp corners, where the suspect object that is being pulled, may become snagged.



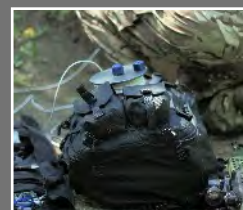
### ADVANCED TOOLS

A range of advanced tools exists for complex tasks. Many of these tasks may be achieved with a range of the standard tools, but this range of advanced tools works more reliably, reduces the need for extensive training and practice, and can also reduce the time the operator is exposed to the suspect object. Examples of the advanced systems are tools to open car and building doors, window breakers, and key turners.



### EQUIPMENT STORAGE

A range of storage solutions are available. The primary systems are rigid, waterproof cases. A range of kits, with differing capability levels, can be stored in an effective modular system, so that only the equipment for each task needs to be deployed rather than large bulky cases, holding all the equipment. NIC offers a backpack system, with removable compartments and side pouches. This offers a lightweight, dismantled option. The ultra lightweight system is available in a tool roll or thigh pouch. This lightweight system can be easily stored in a backpack with other equipment.



# HOOK & LINE T

DESCRIPTION		5.5mm x 120m Kevlar Rope White		5.5mm x 120m Kevlar Rope Black		Pulling Handle		Double Snatch Block		Standard Snatch Block		Pulley With Jammer Cleat		Automatically Opening Snatch Block		Torpedo Release		Rope Eye		Small Karabiner		Large Karabiner		3mm x 2m Rope Sling		4mm x 2m Rope Sling		5mm x 2m Rope Sling		Endless Loop Rope Sling 5mm dia x 1m long		1.5mm dia x 2m Wire Sling		2mm x 2m Wire Sling		3mm x 2m Wire Sling		3mm x 1m Wire Sling		Double Snatch Block	
		SE002301	SE002302	SE002408	HL002500	SE002305	SE002402	SE002415	SE002416	SE002409	SE002333	SE002401	SE002312	SE002313	SE002314	HL001301	HL001302	SE002315	SE002316	SE002317																					
PART NUMBER		Rope Systems		Rope Tools								Slings																													
TOOL CATEGORY		Rope Systems		Rope Tools								Slings																													
CATEGORY DESCRIPTION		Main line for attaching to devices.		Tools used in conjunction with rope systems to manouvere the line in various ways.								Rope, wire & webbing slings to support objects and rope tools to create anchor points or manipulate																													
The 7 Functions	The Pulling Line	■	■																																						
	Manipulating The Line			■	■	■	■	■	■	■	■																														
	Anchoring The Line											■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
	Primary Attachment Tools																																								
	Secondary Tools																																								
	Advanced Tools																																								
	Equipment Storage																																								

MATRIX 1 OF 2

The most popular size, with the widest range of tools. Typically used for moving suspect objects up to 500kg.



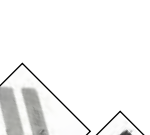



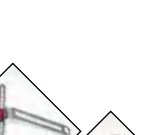
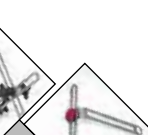
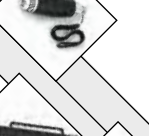

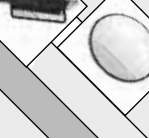




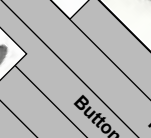


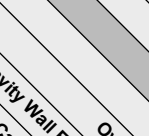

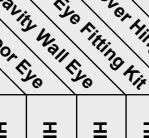


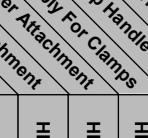
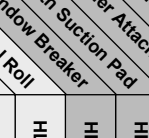
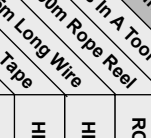
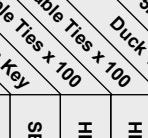
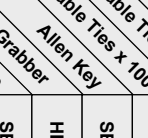
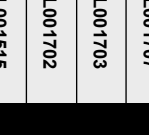
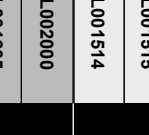
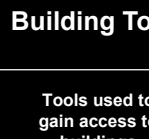
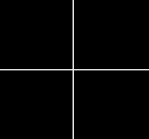
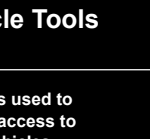
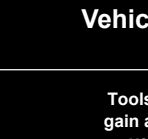
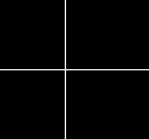



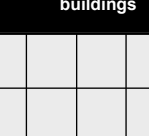
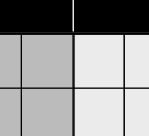
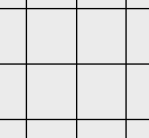
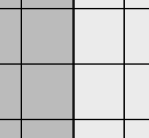
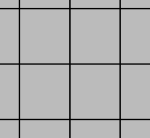
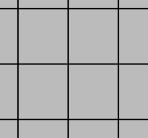
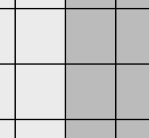
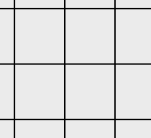
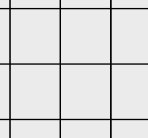
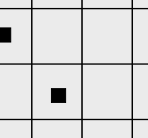
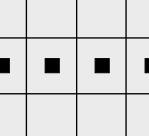
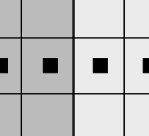
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INSTRUMENTS  
LIMITED

# HOOK & LINE T

DESCRIPTION																		
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TOOL CATEGORY		Misc Tools																
CATEGORY DESCRIPTION		A wide range of miscellaneous tools to aid in all aspects of Hook & Line procedures.																
The 7 Functions	The Pulling Line																	
	Manipulating The Line																	
	Anchoring The Line	■	■	■	■	■	■											■
	Primary Attachment Tools																	
	Secondary Tools				■			■	■	■	■	■	■	■	■	■	■	■
	Advanced Tools																	
	Equipment Storage																	



MATRIX 2 OF 2

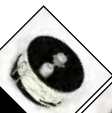









<p>The most popular size of mirror is 140mm x 140mm, giving you the widest range of objects to inspect. Typically used for monitoring large areas or suspect objects up to 50m away.</p>									
									
High Intensity Pocket Torch	140mm Convex Mirror	140mm Plastic Mirror	Pocket Search Mirror	Key Turner	Door Pusher	Over Hinge Eye	Cavity Wall Eye Fitting Kit	Cavity Wall Eye	Under Door Eye
SEO02700	SEO01200	SEO01000	SEO00600	HL001603	HL001704	HL001701	HL001707	HL001703	HL001702
				Vehicle & Building Tools		Tools used to gain access to vehicles & buildings		Search Tools	
				Tools used to gain access to vehicles		Tools used to gain access to buildings		Tools used to aid in search procedures.	
									
Finger Pull Handle Opener	Short Screw Assembly	Adjustable Clamp	Self Grip Handle Attachment	Boot Handle Opener	Car Hood/Bonnet 'A' Frame	Building Door Knob Turner	Building Door Lever Handle Turner	Building Door Knob Turner	Building Door Lever Handle Turner
HL009501	HL001600	HL001602	HL001510	HL001512	HL001517	HL001601	HL001604	HL001605	HL002000
				Vehicle Tools		Building Tools		Search Tools	
				Tools used to gain access to vehicles		Tools used to gain access to buildings		Tools used to aid in search procedures.	
									
Diamond Tipped Window Breaker	Button Pusher With Suction Pad	Button Pusher Handle Opener	Finger Pull Handle Opener	Short Screw Assembly	Adjustable Clamp	Self Grip Handle Attachment	Boot Handle Opener	Car Hood/Bonnet 'A' Frame	Building Door Knob Turner
HL009603	HL009604	HL009602	HL009601	HL009602	HL009601	HL009601	HL009601	HL009601	HL009601
				Vehicle Tools		Building Tools		Search Tools	
				Tools used to gain access to vehicles		Tools used to gain access to buildings		Tools used to aid in search procedures.	
									
Set Of Tools in A Tool Roll	100m Rope Reel	1.6mm x 5m Long Wire	Duck Tape	Small Cable Ties x 100	Large Cable Ties x 100	Allen Key	Grabber	High Intensity Pocket Torch	140mm Convex Mirror
HL009603	HL009604	HL009602	HL009601	HL009601	HL009601	HL009601	HL009601	HL009601	HL009601
				Vehicle Tools		Building Tools		Search Tools	
				Tools used to gain access to vehicles		Tools used to gain access to buildings		Tools used to aid in search procedures.	
									
Finger Pull Handle Opener	Short Screw Assembly	Adjustable Clamp	Self Grip Handle Attachment	Boot Handle Opener	Car Hood/Bonnet 'A' Frame	Building Door Knob Turner	Building Door Lever Handle Turner	Building Door Knob Turner	Building Door Lever Handle Turner
HL009501	HL001600	HL001602	HL001510	HL001512	HL001517	HL001601	HL001604	HL001605	HL002000
				Vehicle Tools		Building Tools		Search Tools	
				Tools used to gain access to vehicles		Tools used to gain access to buildings		Tools used to aid in search procedures.	

## MATRIX 1 OF 1 DISMOUNTED OPERATIONS

### NORMAL OPERATIONS

### HEAVY DUTY OPERATIONS

A very small, compact system, designed for Special Forces, rapidly deployed, working dismounted.

DESCRIPTION		PART NUMBER		TOOL CATEGORY		The 7 Functions						
	3.5mm x 50m Kevlar Rope White	HL000600		Rope Systems								
	3.5mm x 100m Kevlar Rope White	HL001200										
	3.5mm x 50m Kevlar Rope Black	HL000601										
	Torpedo Release For 3.5mm Rope	HL001000		Rope Tools								
	Karabiner With Roller	HL001100										
	Small Suction Pad	HL000900										
	Titanium Hook	HL000700		Suction/Adhesive Pads								
	Small Self Grip Plier	HL008705		Hook Systems								
	Titanium Chisel Piton	HL000800		Clamps & Grips								
	Stakes	HL008704		Stakes								
The Pulling Line			■	■	■							
Manipulating The Line									■	■	■	
Anchoring The Line												■
Primary Attachment Tools										■	■	
Secondary Tools												
Advanced Tools												
Equipment Storage												

# TOOL MATRIX

DISMOUNTED OPERATIONS

NORMAL OPERATIONS

HEAVY DUTY OPERATIONS MATRIX 1 OF 1

Used for moving vehicles and objects in excess of 500kg.

Used for moving objects in excess														
DESCRIPTION														
10mm x 150mm Kevlar Rope White														
Heavy Duty Snatch Block														
Heavy Duty D Shackle														
50mm x 2m Webbing Sling														
50mm x 6m Webbing Sling														
1m dia Round Sling														
2m dia Round Sling														
4m dia Round Sling														
Heavy Duty Hook With Eye														
Short Stake														
Medium Stake														
Long Stake														
Extra Long Stake														
PART NUMBER														
SE000901														
SE000911														
SE000910														
SE000902														
SE000903														
SE000904														
SE000905														
SE000906														
SE000912														
SE000907														
SE000908														
SE000909														
SE000917														
TOOL CATEGORY														
Rope Systems														
Rope Tools														
Slings														
Hook Systems														
Stakes														
The 7 Functions	The Pulling Line	■												
	Manipulating The Line		■											
	Anchoring The Line			■	■	■	■	■	■		■	■	■	■
	Primary Attachment Tools			■						■				
	Secondary Tools													
	Advanced Tools													
	Equipment Storage													

# HOOK & LINE TOOL MATRIX

DISMOUNTED OPERATIONS

NORMAL OPERATIONS

HEAVY DUTY OPERATIONS

DESCRIPTION		Basic Hook & Line Backpack	Top Opening Side Pouch	Front Opening Side Pouch	Large Opening Side Pouch	Small Equipment Pouch	Rigid Plastic Watertight Case for Hook & Line Kit	Yoke Assembly	Cover For Heavy Duty Reel	Cover For Standard Reel	Thigh Pouch	VARIOUS*	SE002340	SE010911
PART NUMBER		EOD000301	EOD000302	EOD000303	EOD000304	HL009805	EOD000306	EOD000600						
TOOL CATEGORY		Storage & Transport Systems												
CATEGORY DESCRIPTION		Used to house and protect all Hook & Line equipment for transport and storage.												
The 7 Functions	The Pulling Line													
	Manipulating The Line													
	Anchoring The Line													
	Primary Attachment Tools													
	Secondary Tools													
	Advanced Tools													
	Equipment Storage	■	■	■	■	■	■	■	■	■	■	■	■	■

\* PART NUMBER DEPENDANT ON KIT SPECIFICATION



## NIC MODULAR EOD CARRYING SYSTEM

<b>MAIN BACKPACK</b>	Part Number: EOD000301
<b>TOP OPENING SIDE POUCH</b>	Part Number: EOD000302
<b>FRONT OPENING SIDE POUCH</b>	Part Number: EOD000303
<b>LARGE EQUIPMENT POUCH</b>	Part Number: EOD000304
<b>SMALL EQUIPMENT POUCH</b>	Part Number: HL009805
<b>YOKE ASSEMBLY</b>	Part Number: EOD000306

### DISMOUNTED OPERATIONS

### NORMAL OPERATIONS

### HEAVY DUTY OPERATIONS

A very small, compact system, designed for Special Forces, rapidly deployed, working dismounted.

### THE BACKPACK SYSTEM MAY BE USED IN THE FOLLOWING CONFIGURATIONS:



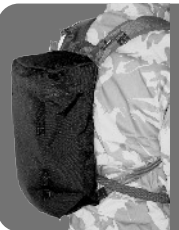
Main backpack used on its own.



Main backpack used with side pouches attached to increase carrying capacity.



Twin side pouches (either style), used with the yoke, as a smaller backpack.



Single side pouch (either style), used with the yoke, as the smallest size backpack.



Front loading side pouch used on its own, as a hand carry type tool holder. This pouch has 2 fabric handles on the top, which may be used to hand carry the pouch. It also has a shoulder strap for carrying over the shoulder.

### NIC EOD MODULAR CARRYING SYSTEM ASSEMBLY

The NIC Modular backpack can be configured to suit a wide variety of uses.

The core of the system is a front loading main backpack. This accepts a range of small equipment pouches in which equipment may be stored in an organised fashion. The equipment pouches are removable and can be moved between rigid cases, the main backpack & side pouches.

On the front of the main backpack is a strap which may be used to secure the rope held on the reel. This assists in transportation, and storing the equipment securely together.



It is also possible to use the backpack, with the reel of rope attached. Alternately, the rope is removed from the reel, and stored correctly in the top loading side pouch. When stored and deployed correctly in this manner, the rope will not tan-

2 styles of side pouch, which attach to the main pack, are also available.

The front loading side pouch opens in a similar manner to a tool box, and has various methods to secure tools & additional equipment.



The top loading side pouch is a more simple design, and is used for carrying bulky equipment or lengths of line.



The side pouches can be used as individual backpacks on their own, or joined together and form a twin side pouch backpack.

## EPSILON HOOK & LINE KIT

PART NO: HL007400, NSN:1385-99-151-4889

CAPABILITY: ESSENTIAL

OPERATIONS: NORMAL

DESCRIPTION	QUANTITY	PART NUMBER	TOOL CATEGORY
5.5mm x 120m Kevlar Rope White	1	SE002301	Rope Systems
Standard Snatch Block Pulling Handle	1	SE002408	Rope Tools
Standard Snatch Block	2	SE002305	Rope Tools
Small Karabiner	4	SE002333	Slings
3mm x 2m Rope Sling	2	SE002312	Slings
4mm x 2m Rope Sling	2	SE002313	Slings
5mm x 2m Rope Sling	2	SE002314	Slings
1.5mm x 2m Wire Sling	2	SE002315	Slings
2mm x 2m Wire Sling	2	SE002316	Slings
3mm x 2m Wire Sling	2	SE002317	Slings
Single Suction Pad	2	SE002327	Suction/Adhesive Pads
Belt Sling	1	SE002414	Suction/Adhesive Pads
Small Single Barbed Hook	2	SE001902	Medium
Small Single Plain Hook	2	SE001902	Medium
Medium Single Barbed Hook	2	SE001902	Medium
Medium Single Plain Hook	2	SE001902	Medium

This kit is the basic, standard hook and line kit. It has all the essential tools to carry out complete basic hook and line procedures. Supplied in a rigid carrying case.



## SIGMA HOOK & LINE KIT

PART NO: HL007500, NSN:1385-99-179-5408

CAPABILITY: ROUTINE

OPERATIONS: NORMAL

DESCRIPTION	QUANTITY	PART NUMBER	TOOL CATEGORY
5.5mm x 120m Kevlar Rope White	1	SE002301	Rope Systems
5.5mm x 120m Kevlar Rope Black	1	SE002302	Rope Systems
Standard Snatch Block Pulling Handle	1	SE002408	Rope Tools
Standard Snatch Block	2	SE002305	Rope Tools
Automatically Opening Snatch Block	1	SE002402	Rope Tools
Pulley With Jammer Cleat	4	SE002415	Rope Tools
Torpedo Release	2	SE002416	Rope Tools
Small Karabiner	1	SE002409	Slings
3mm x 2m Rope Sling	4	SE002333	Slings
4mm x 2m Rope Sling	2	SE002312	Slings
5mm x 2m Rope Sling	2	SE002313	Slings
1.5mm x 2m Wire Sling	2	SE002314	Slings
2mm x 2m Wire Sling	2	SE002315	Slings
3mm x 2m Wire Sling	2	SE002316	Slings
Single Suction Pad	2	SE002317	Suction/Adhesive Pads
Belt Sling	1	SE002414	Suction/Adhesive Pads
Small Spring Gate Hook	2	SE002327	Suction/Adhesive Pads
Large Spring Gate Hook	10	SE002417	Suction/Adhesive Pads
Sticky Eye	1	SE002411	Suction/Adhesive Pads
Small Single Barbed Hook	1	SE002412	Medium
Small Single Plain Hook	1	SE002428	Medium
Medium Single Barbed Hook	2	SE001902	Medium
Medium Single Plain Hook	2	SE001902	Medium

## LINE KITS

DISMOUNTED OPERATIONS

NORMAL OPERATIONS

HEAVY DUTY OPERATIONS

The most popular size, with the widest range of tools. Typically used for moving suspect objects up to 500kg.

Hook Systems		Clamps & Grips		Stakes	Misc Items		Storage & Transport
Medium Double Barbed Hook	2	SE002306					
Large Double Barbed Hook	2	SE001911					
Triple Barbed Hook	2	SE002307					
Large Single Barbed Hook	2	SE002309					
Triple Barbed Hook	2	SE002308					
25mm Eye	2	SE001903					
Large Single Barbed Hook	4	SE002311					
Triple Barbed Hook	2	SE002310					
Self Grip Plier	1	SE002330					
Self Grip Clamp	1	SE002328					
Small Chisel Piton	2	SE002329					
Large Chisel Piton	2	SE002324					
10mm x 2m Shock Cord	1	SE002318					
12mm x 1m Shock Cord	2	SE002319					
12mm x 2m Shock Cord	1	SE002320					
12mm x 1m Shock Cord	2	SE002321					
Rigid Case	1	HL007401					



**SIGMA KIT**

This kit contains all the tools in the Epsilon Kit, and additional tools making this the most comprehensive kit. Twin reels of line give the option of a 2 line pull, and many of the additional tools are designed for working in urban areas. When used with a kit from the Alpha range, the system is able to deal with all hook and line tasks. Supplied in a rigid carrying case.

Hook Systems		Clamps & Grips		Stakes	Misc Items		Storage & Transport
Medium Double Barbed Hook	2	SE002306					
Large Double Barbed Hook	2	SE001911					
Triple Barbed Hook	2	SE002307					
Large Single Barbed Hook	2	SE002309					
Triple Barbed Hook	2	SE002308					
25mm Eye	2	SE001903					
Large Single Barbed Hook	4	SE002311					
Triple Barbed Hook	2	SE002310					
Sliding Bar Clamp System	1	SE002429					
Self Grip Plier	1	SE002405					
Self Grip Clamp	1	SE002330					
Lightweight Spring Grip	1	SE002328					
Small Chisel Piton	2	SE002329					
Large Chisel Piton	2	SE002413					
'D' Shackle	2	SE002325					
10mm x 2m Shock Cord	1	SE002403					
10mm x 1m Shock Cord	10	SE002404					
12mm x 1m Shock Cord	2	SE002418					
12mm x 2m Shock Cord	1	SE002318					
3m Telescopic Pole	2	SE002319					
Plastic Door Stop	1	SE002320					
Rigid Case	1	SE002321					
Skid Pan	4	SE002410					
HL007501	1	SE002419					

**ALPHA 4 BUILDING & VEHICLE ENTRY KIT**  
**PART NO: HL007100, NSN:1385-99-979-2427**  
**CAPABILITY: EXTENSIVE**  
**OPERATIONS: NORMAL**

DESCRIPTION	QUANTITY	PART NUMBER	TOOL CATEGORY
Pulley With Jammer Cleat	4	HL000900	Rope Tools
Karabiner With Roller	1	SE002402	Suction/Adhesive Pads
Gangway Brace	10	SE002417	Misc Items
Sticky Eye	1	SE002418	Misc Items
Duck Tape	1	HL009603	Misc Items
Button Pusher Handle Opener Attachment	1	HL001600	Vehicle Tools
Short Screw Assembly For Clamps	1	HL001602	Vehicle Tools
Adjustable Clamp 300mm, Tyre Clamp	1	HL001510	Vehicle Tools
Self Grip Handle Opener	1	HL001512	Vehicle Tools
Boot Handle Opener	1	HL001517	Vehicle Tools
Car Hood/Bonnet A Frame	1	HL001601	Vehicle Tools
Building Door Knob Turner Clamp	1	HL001604	Vehicle Tools
Building Door Lever Handle Opener	1	HL001605	Vehicle Tools
Under Door Eye	1	HL002000	Vehicle Tools
Cavity Wall Eye	1	HL001514	Building Tools
Over Hinge Eye	2	HL001702	Building Tools
Door Pusher	2	HL001703	Building Tools
Key Turner	1	HL001701	Building Tools
Rigid Case	1	HL001704	Building Tools
Vehicle & Building Tools	1	HL001603	Vehicle & Building Tools

**ALPHA 5 BUILDING ENTRY KIT**  
**PART NO: HL007200, NSN:1385-99-184-6338**  
**CAPABILITY: EXTENSIVE**  
**OPERATIONS: NORMAL**

DESCRIPTION	QUANTITY	PART NUMBER	TOOL CATEGORY
Pulley With Jammer Cleat	4	HL000900	Rope Tools
Karabiner With Roller	1	SE002402	Suction/Adhesive Pads
Gangway Brace	10	SE002417	Misc Items
Sticky Eye	1	SE002418	Misc Items
Duck Tape	1	HL009603	Misc Items
Button Pusher Handle Opener Attachment	1	HL001600	Vehicle Tools
Short Screw Assembly For Clamps	1	HL001602	Vehicle Tools
Adjustable Clamp 300mm, Tyre Clamp	1	HL001510	Vehicle Tools
Self Grip Handle Opener	1	HL001512	Vehicle Tools
Boot Handle Opener	1	HL001517	Vehicle Tools
Car Hood/Bonnet A Frame	1	HL001601	Vehicle Tools
Building Door Knob Turner Clamp	1	HL001604	Vehicle Tools
Building Door Lever Handle Opener	1	HL001605	Vehicle Tools
Under Door Eye	1	HL002000	Vehicle Tools
Cavity Wall Eye	1	HL001514	Building Tools
Over Hinge Eye	2	HL001702	Building Tools
Door Pusher	2	HL001703	Building Tools
Key Turner	1	HL001701	Building Tools
Rigid Case	1	HL001704	Building Tools
Vehicle & Building Tools	1	HL001603	Vehicle & Building Tools

**ALPHA 6 VEHICLE ENTRY KIT**  
**PART NO: HL007300, NSN:1385-99-213-3989**  
**CAPABILITY: EXTENSIVE**  
**OPERATIONS: NORMAL**

DESCRIPTION	QUANTITY	PART NUMBER	TOOL CATEGORY
Karabiner With Roller	4	HL000900	Rope Tools
Sticky Eye	10	SE002417	Suction/Adhesive Pads
Duck Tape	1	SE002418	Misc Items
Button Pusher Handle Opener Attachment	1	HL009603	Misc Items
Short Screw Assembly For Clamps	1	HL001600	Vehicle Tools
Adjustable Clamp 300mm, Tyre Clamp	1	HL001602	Vehicle Tools
Self Grip Handle Opener	1	HL001510	Vehicle Tools
Boot Handle Opener	1	HL001512	Vehicle Tools
Car Hood/Bonnet A Frame	1	HL001517	Vehicle Tools
Building Door Knob Turner Clamp	1	HL001601	Vehicle Tools
Building Door Lever Handle Opener	1	HL001604	Vehicle Tools
Under Door Eye	1	HL001605	Vehicle Tools
Cavity Wall Eye	1	HL002000	Vehicle Tools
Over Hinge Eye	1	HL001514	Building Tools
Door Pusher	2	HL001702	Building Tools
Key Turner	2	HL001703	Building Tools
Rigid Case	1	HL001701	Building Tools
Vehicle & Building Tools	1	HL001704	Vehicle & Building Tools



## LINE KITS

DISMOUNTED OPERATIONS

NORMAL OPERATIONS

HEAVY DUTY OPERATIONS

The most popular size, with the widest range of tools. Typically used for moving suspect objects up to 500kg.



**ALPHA 4 KIT**

This kit has the complete NIC range of specialist tools used for working in buildings and on vehicles. When used with a Sigma kit, a total Hook and Line system is created. Supplied in a rigid carrying case.



**ALPHA 5 KIT**

This kit has the NIC range of specialist tools used for working in buildings. Supplied in a rigid carrying case.



**ALPHA 6 KIT**

This kit has the NIC range of specialist tools used for working on vehicles. Supplied in a rigid carrying case.

DISMOUNTED OPERATIONS

NORMAL OPERATIONS

HEAVY DUTY

HEAVY/NORMAL TRIPOD SYSTEM

PART NO: HL000200, NSN:3950-99-666-7375

CAPABILITY: ROUTINE  
OPERATIONS: NORMAL/HEAVY



DESCRIPTION	Heavy Duty Tripod Only		
	Heavy Duty Tripod Carrying Bag		
QUANTITY	1	3	1
PART NUMBER	SE000201	HL002402	SE000203

A strong tripod, specifically designed for EOD applications. The head is extruded for strength, and the unit is fitted with an integral pulley. Fitted with snap out legs for quick and positive deployment. The legs may be extended to different lengths to cope with sloping ground. The feet swivel, again assisting when working on uneven ground and may also be anchored with ground pegs (supplied).

A webbing strap is also provided, which may be passed around the feet to prevent the unit collapsing under load.

The feet are fitted with eyes, so that an extra pulley may be positioned to improve loading. Supplied in a cordura carrying bag.

LIGHTWEIGHT TRIPOD SYSTEM

PART NO: HL002400, NSN:3950-99-668-0573

CAPABILITY: ROUTINE  
OPERATIONS: NORMAL



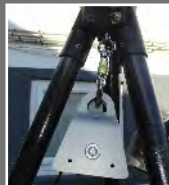
DESCRIPTION	Lightweight Tripod Leg Bracing Strap								
	Lightweight Tripod Leg Bracing Strap								
QUANTITY	1	3	1	1	1	1	3	1	1
PART NUMBER	HL002401	HL002402	SE000204	HL002404	HL002405	HL006803	HL006903	SE002305	SE002415

A lightweight tripod used in conjunction with other Hook & Line equipment, offering the ability to lift and manoeuvre objects up to 80kg.

The legs may be extended to different lengths and the feet swivel, to assist when working on uneven ground and may also be anchored with ground pins.

A webbing strap can be connected to the feet to prevent the unit collapsing under load.

The tripod can be deployed by a single operator quickly and easily and comes complete with a range of pulleys to offer multiple solutions.



LINE KITS

DISMOUNTED OPERATIONS

NORMAL OPERATIONS

HEAVY DUTY OPERATIONS

Used for moving vehicles and objects in excess of 500kg.

**HEAVY DUTY HOOK & LINE KIT**  
**PART NO: SE000900, NSN:1385-99-464-1274**  
**CAPABILITY: ROUTINE**  
**OPERATIONS: HEAVY DUTY**

DESCRIPTION	QUANTITY	PART NUMBER	TOOL CATEGORY
10mm x 150mm Kevlar Rope White	1	SE000901	Rope Systems
Heavy Duty Snatch Block	4	SE000911	Rope Tools
50mm x 2m Webbing Sling	4	SE000910	
50mm x 6m Webbing Sling	2	SE000902	
1m dia Round Sling	2	SE000903	Slings
2m dia Round Sling	2	SE000904	
4m dia Round Sling	2	SE000905	
Heavy Duty Hook With Eye	2	SE000906	Hook Systems
Short Stake	2	SE000912	
Medium Stake	2	SE000907	
Long Stake	2	SE000908	Stakes
Rigid Case	2	SE000909	
Cover For Heavy Duty Reel	1	SE000913	
	1	SE010911	Storage & Transport

A heavy-duty kit for moving vehicles or heavy suspect objects. The kit contains a range of rated slings and heavy duty snatch blocks. Supplied in a rigid carrying case.



**DELTA LIGHTWEIGHT HOOK & LINE KIT**  
**PART NO: HL008700, NSN:1385-99-551-7759**  
**CAPABILITY: ESSENTIAL**  
**OPERATIONS: DISMOUNTED**



**DELTA KIT**

This very light kit is designed for EOD & search operators working in combat zones. A minimalist kit, with only the essential tools for basic hook and line procedures. It is small & light weight, & the thigh pouch storage makes it the perfect solution for rapid response. All parts are interchangeable with standard NIC kits

DESCRIPTION	QUANTITY	PART NUMBER	TOOL CATEGORY
3.5mm x 50m Kevlar Rope White	1	HL000600	Rope Systems
Lightweight Pulling Handle	2	SE002333	Rope Tools
Small Karabiner	1	HL001000	Rope Tools
Small Suction Pad	4	HL000900	Suction/Adhesive Pads
Medium Double Barbed Hook	2	HL000700	Hook Systems
Large Single Plain Hook	4	SE002417	Hook Systems
Medium Double Plain Hook	2	SE002308	Hook Systems
Small Self Grip Plier	2	SE002309	Hook Systems
Lightweight Spring Grip	2	SE002310	Hook Systems
Small Chisel Pion	2	SE002311	Clamps & Grips
Large Chisel Pion	1	SE002413	Clamps & Grips
Small Spring Pion	2	SE002324	Stakes
Screw Eye	2	SE002325	Stakes
Thigh Pouch	10	SE002404	Misc Items
Storage & Transport	1	EOD000600	Storage & Transport



**GAMMA B KIT**

**GAMMA B BACKPACK HOOK & LINE KIT**  
**PART NO: HL009500, NSN:1385-99-361-2864**  
**CAPABILITY: ROUTINE**  
**OPERATIONS: DISMOUNTED**

DESCRIPTION	QUANTITY	PART NUMBER	TOOL CATEGORY
5.5mm x 120m Kevlar Rope White	1	SE002301	Rope Systems
Automatically Opening Snatch Block	2	SE002305	Rope Tools
Standard Snatch Block	2	SE002415	Rope Tools
Torpedo Release	2	SE002416	Rope Tools
Small Karabiner	4	SE002333	Rope Tools
Large Karabiner	2	SE002401	Rope Tools
3mm x 2m Rope Sling	2	SE002312	Slings
4mm x 2m Rope Sling	2	SE002313	Slings
5mm x 2m Rope Sling	2	SE002314	Slings
1.5mm x 2m Wire Sling	1	SE002315	Slings
2mm x 2m Wire Sling	1	SE002316	Slings
3mm x 2m Wire Sling	1	SE002317	Slings
Single Suction Pad	1	SE002327	Suction/Adhesive Pads
Small Spring Gate Hook	15	SE002417	Hook Systems
Large Spring Gate Hook	2	SE002418	Hook Systems
Sticky Eye	1	SE002419	Hook Systems
Medium Single Plain Hook	1	SE002420	Hook Systems
Medium Double Plain Hook	1	SE002421	Hook Systems
Large Single Plain Hook	1	SE002422	Hook Systems
Triple Barbed Hook	1	SE002423	Hook Systems
25mm Eye	2	SE002424	Hook Systems
Storage & Transport	4	SE002425	Storage & Transport



## LINE KITS

**TITANIUM DELTA LIGHTWEIGHT HOOK & LINE KIT**  
**PART NO: HL008703, NSN:TBC**  
**CAPABILITY: ESSENTIAL**  
**OPERATIONS: DISMOUNTED**

### DISMOUNTED OPERATIONS

### NORMAL OPERATIONS

### HEAVY DUTY OPERATIONS

A very small, compact system, designed for Special Forces, rapidly deployed, working dismounted.

DESCRIPTION	QUANTITY	PART NUMBER	TOOL CATEGORY
3.5mm x 50m Kevlar Rope White	1	HL000600	Rope Systems
Lightweight Pulling Handle	1	HL001000	Rope Tools
Wire Sling 1.5mm dia x 2m long	4	HL000900	Rope Tools
Rope Sling 3mm dia x 2m long	2	SE002312	Slings
Karabiner With Roller	1	SE002315	Slings
Sticky Eye	4	SE002417	Adhesive Pads
Titanium Hook	6	HL008705	Hook Systems
Lightweight Spring Grip	1	SE002329	Clamps & Grips
Small Self Grip Plier	2	HL000800	Clamps & Grips
Thigh Pouch	1	SE002413	Stakes
Titanium Chisel Piton	2	HL008704	Stakes
Storage & Transport	1	EOD000600	Storage & Transport



The Gamma B brings together much of the functionality of the entire NIC range of Hook & Line equipment. Mounted in a backpack, tools are stored in clear Velcro mounted pouches for easy detaching and exchanging. The backpack comes with detachable side pouches, which may be used to go forward to specific tasks. The kit includes a complete range of rope, hooks, anchoring tools, pulleys and attachment tools, as well as a selection of search mirrors and telescopic arms from the NIC search equipment range.

This very light kit is designed for EOD & search operators working in combat zones. A minimalist kit, with only the essential tools for basic hook and line procedures. It is small & light weight, & the thigh pouch storage makes it the perfect solution for rapid response. Refined from the Delta kit, this kit is further reduced in weight. The hooks and pitons are a specialist titanium design, which significantly reduce weight and packing volume.

Telescopic Pole With Hook & Line Mount	1	SE003000	Search Tools
Basic Hook & Line Mount	1	HL009501	Search Tools
140mm Plastic Mirror	1	SE001200	Search Tools
Front Loading Side Pouch	1	EOD000302	Storage & Transport
Large Pouch For Side Pouch	1	EOD000301	Storage & Transport
Small Pouch For Side Pouch	1	EOD000305	Storage & Transport
Yoke For Side Pouches	1	EOD000306	Storage & Transport
Yoke Strap For Side Pouches	2	EOD000315	Storage & Transport
Set Of Tools In Tool Roll	2	SE001914	Search Tools
Extension Rod	2	SE002406	Search Tools
Anchor Line	1	SE002319	Search Tools
Plastic Door Stop	1	SE001912	Search Tools
10mm x 1m Shock Cord	1	HL000400	Misc Items
10mm x 2m Shock Cord	1	HL000300	Misc Items
Large Wall Stopper	2	SE002424	Misc Items
Wedge It	6	SE002404	Misc Items
Small Wall Stopper	1	SE002403	Misc Items
Screw Eye	1	SE002403	Misc Items
'D' Shackle	2	SE002325	Stakes
Large Chisel Piton	1	SE002413	Stakes
Lightweight Spring Grip	1	SE002329	Clamps & Grips
Self Grip Forceps	2	SE002328	Clamps & Grips
Self Grip Clamp	1	SE002330	Clamps & Grips
Cantilever Plier	1	HL000500	Clamps & Grips
Self Grip Plier	1	SE002429	Clamps & Grips
Self Grip Mount	1	SE002304	Clamps & Grips

## BUILDING TOOLS

## VEHICLE TOOLS

# ADVANCE

### TOOLS TO PUSH OPEN BUILDING DOORS



#### DOOR PUSHER ATTACHMENT

PART NO: HL001704

NSN:1385-99-246-2625

This instrument is designed to push open a door. It is used in conjunction with the gangway brace (SE002418). The opened door can then be locked in the open position.



### TOOLS TO OPERATE BUILDING DOOR HANDLES

#### BUILDING DOOR KNOB TURNER CLAMP

PART NO: HL001515

NSN:5340-99-133-6323

This instrument is designed to operate a wide variety of round knob rotating building door handles.



#### BUILDING DOOR HANDLE TURNER CLAMP

PART NO: HL001514

NSN:5340-99-872-8237

This instrument is designed to operate a wide variety of 'lever type' building door handles



### UNIVERSAL BUILD



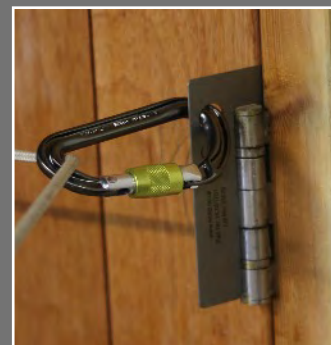
### TOOLS TO CREATE ANCHORING EYES IN BUILDINGS

#### OVER HINGE ANCHOR

PART NO: HL001701

NSN:1385-99-858-9217

This instrument is designed to provide an anchor point using the hinge of a door.



#### CAVITY WALL ANCHOR (& FITTING KIT)

PART NO: HL001703 (& HL001707)

NSN:5340-99-843-2248 (1385-99-740-5410)

This instrument is designed to screw into plasterboard and other similar materials that have a cavity behind them. The fitting kit provides tools to create a suitable hole in the cavity wall, and an anchoring eye can then be placed into the wall. The tool is removable, and comes with spare parts enabling multiple uses.

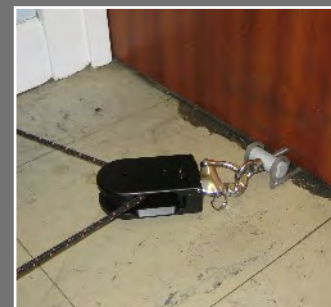


#### UNDER DOOR ANCHOR

PART NO: HL001702

NSN:1385-99-359-5205

This instrument is designed to fit and clamp under a door, to provide an anchor point with eye, allowing other items to be attached.



# ED TOOLS

## BUILDING TOOLS

## VEHICLE TOOLS

### ING & VEHICLE TOOLS

#### KEY TURNER

PART NO: **HL001603**

NSN: **13850-99-134-8325**

A simple clamp that will attach securely to a range of keys. A line is attached to the short length of rope, and coiled round the key turner in the direction the key will turn. When pulled remotely it will turn the key in the lock.



### TOOLS TO BREAK VEHICLE WINDOWS

#### DIAMOND TIPPED WINDOW BREAKER

PART NO: **HL001600**

NSN: **1385-99-593-3026**

A non ballistic, spring-loaded, diamond tipped window breaker that attaches to a window via a suction pad. The device requires no pre-loading or arming, and may be re-fired without returning to it.



### TOOLS TO OPEN VEHICLE HOODS/BONNETS & TRUNKS/BOOTS

#### RECESSED HANDLE LIFTER

PART NO: **HL001604**

NSN: **1385-99-551-5706**

This instrument is designed to operate modern design trunks, which have recessed type handles. The lifter is placed under the handle, and operates the mechanism to releases the trunk catch. This instrument will also work on lift door handles. The extendable shaft allows handles at various heights to be operated, and the side supports ensure the lifter remains stable.

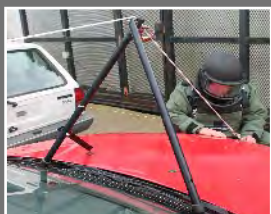


#### HOOD/BONNET A FRAME

PART NO: **HL002000**

NSN: **1385-99-9866-876**

This instrument is designed to provide suitable angles and height required to allow remote opening of the boot (trunk), or bonnet (hood), on various vehicles.



### TOOLS TO CREATE ANCHORING EYES ON VEHICLES

#### TYRE CLAMP

PART NO: **HL001605**

NSN: **1385-99-743-2412**

This sliding bar clamp has a large set of jaws that can be used to clamp to, and provide anchor points on car tyres.



### TOOLS TO OPERATE VEHICLE HANDLES



#### SELF GRIP HANDLE LIFTER

PART NO: **HL001601**

NSN: **1385-99-724-4948**

This instrument is designed to operate lift type door handles. It will work on horizontal or vertical handles. By clamping directly to the handle, the lifter does not require the use of suction pads. It will operate correctly even if the line is pulled at an angle or is routed over the top of the vehicle and pulled from the opposite side. Two attachment points for the pulling line are available, to suit a range of scenarios.



#### BUTTON PUSHER WITH SUCTION PAD

PART NO: **HL001602**

NSN: **1385-99-442-6798**

This instrument is designed to operate push button type mechanisms. It attaches to bodywork or glass via the suction pad. A pulling line is attached to one end. The pivoting action may then be adjusted to suit a wide range of positions in order to activate the push button mechanism when the line is pulled remotely. A third, offset arm, allows the tool to be situated on the top of flat trunks, expanding the range of attachment possibilities.

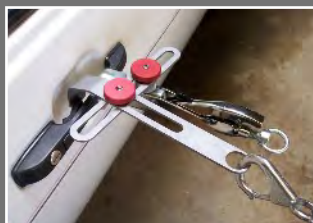


#### BUTTON PUSHER HANDLE OPENER ATTACHMENT

PART NO: **HL001510**

NSN: **1385-99-422-1760**

This instrument is designed to operate push button vehicle door handles. The self grip handle lifter (HL001601) and short screw assembly (HL001517) are used to attach the instruments to the vehicle handle.



#### FINGER PULL HANDLE OPENER ATTACHMENT

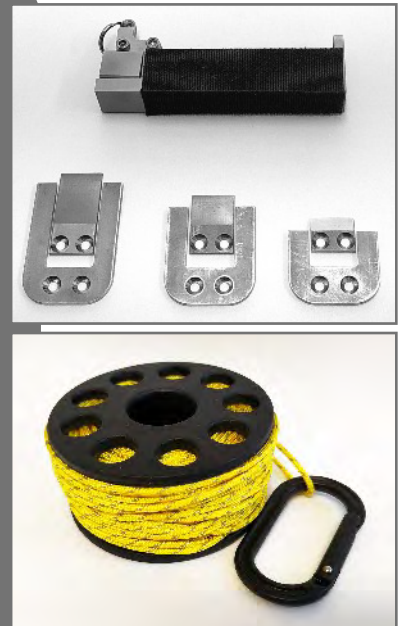
PART NO: **HL001512**

NSN: **1385-99-802-4362**

This instrument is designed to operate finger pull style vehicle door handles. The self grip handle lifter (HL001601) and short screw assembly (HL001517) are used to attach the instruments to the vehicle handle.



Suspicious objects can also be moved from a safe distance using the Hook & Line equipment included in the kit.

[illegible]

# LEGACY HOOK & LINE KITS

These kits have formed the backbone of NIC's Hook and Line range for many years, and still remain in production.

## STANDARD HOOK & LINE KIT 1st GENERATION PART NO: SE001900, NSN: 1385-99-284-2840

The original Hook & Line kit, and still widely used throughout the world. The Standard 1st Generation offers a minimum capability to carry out basic Hook & Line procedures.



## STANDARD VEHICLE ENTRY HOOK & LINE KIT 2nd GENERATION PART NO: SE002300, NSN: 1385-99-787-3640

An extended kit with a range of self gripping tools and extra ropes for more complicated applications. The range of suction pads make this an especially useful kit when working on vehicles, as these will securely attach themselves to bodywork or glass. The kit comes complete with 2 separate colour coded reels.



## ALPHA VEHICLE ENTRY HOOK AND LINE ACCESSORY KIT PART NUMBER HL009700, NSN: 1385-99-724-3683

The NIC Hook and Line system offers a flexible way to achieve almost any movement of a remote object, whether a vehicle door or suspect device. Skilled and experienced operators can achieve outstanding results with just a simple set of tools. However, in order to reduce rigging time whilst in the operational danger area, NIC have developed a range of tools to operate vehicle and building doors, operate locks and shatter windows. NIC were the first company to develop such tools in the late 1980s and this latest generation of entry tools builds on the results of those first systems. The operational use of this kit may be maximised with the use of the second generation hook and line kit, part number SE002300.



## ALPHA 2 BUILDINGS AND VEHICLE ENTRY HOOK AND LINE ACCESSORY KIT

PART NUMBER HL009100 NSN: 5180-99-215-6970

A kit containing the complete set of entry tools and essential accessories. This kit has been specifically compiled to offer a complete solution to all access requirements during hook and line procedures. It is designed to be used in conjunction with the NIC Standard Vehicle entry Hook and Line Kit, 2nd generation, Part No: SE002300. Tools are available for opening a variety of building and vehicle doors. In addition, the diamond tipped window breaker offers a non explosive method of shattering vehicle windows. This offers a method of entry if the vehicle is locked, and no key is available. Accessories include sticky eyes, an effective fast and strong method of creating an anchoring eye to flat surfaces. These are significantly more reliable than suction cups. The NIC roller karabiner offers a pulley integrated with the karabiner. This drastically reduces the effects of friction on the rope when the karabiner is used as a change of direction. Supplied in a rigid carrying case.



## STANDARD URBAN HOOK & LINE KIT 4th GENERATION PART NO: SE002400, NSN: 1385-99-665-5985

An extended range with tools specifically designed for use in buildings. Snatch blocks designed to open automatically allow suspect devices to be taken along more complex routes, and the doorway anchors allow equipment to be supported across doorways. Supplied in a rigid carrying case.



## COMPREHENSIVE HOOK AND LINE KIT PART NO. HL009800, NSN: 6665-99-269-1911

Bringing together all the functional ability of the 2nd generation and 4th generation kits, this comprehensive kit has all the necessary tools to carry out hook and line procedures in buildings and on vehicles. Twin colour coded reels are included. Supplied in a rigid carrying case.





# NIC CARBON FIBRE TELESCOPIC MANIPULATOR

**PART NUMBER: EOD000122**

The **NIC** Carbon fibre Robotic Telescopic Manipulator has been developed with leading EOD operators in the British Army. Now manufactured from a fully telescopic carbon fibre pole, the new design is stronger and lighter, and can be adjusted to a much greater degree to increase its operational capability.

The manipulator offers the following advantages:

- Operators may carry out tasks at a 3 metre stand off, offering increased levels of safety.
- Ability to place disrupters, X ray equipment and a host of other tools used in device disposal and investigation.
- Jaws open/close and rotate under powered control. The angle of the jaws is achieved by manual adjustment.
- Adjustable counterweight for perfect balance
- Fully telescopic carbon fibre tube sections, simple assembly.
- Rigid Transport case.
- Rechargeable battery (charger included).
- Twice the rigidity of other telescopic manipulators.



The claw is positioned at the end of a 3 metre carbon fibre telescopic arm. This standoff distance significantly increases operator safety, in the event of an unplanned detonation. The manipulator also hosts a frangible section. In the event of an unplanned detonation, this section will fail first, significantly reducing the force transferred along the manipulator to the operator.

The extendable counterweight at the rear allows balance to be maintained when working. The counterweight may be preset, so that once a suspect device is lifted, perfect balance is obtained, thus making handling easier for the operator. Fine adjustment of balance may be achieved by moving the manipulator forwards or backwards on the shoulder strap.



The robotic claw is able to place & manipulate a host of tools used in disposal or investigation techniques. The ability to grasp & rotate objects in the claw also allows moving devices into containment vessels, or to reposition them.

The Manipulator also has the option to mount a lightweight, portable bipod. This aids in the use of the manipulator, to more accurately position the claw, and increase the lifting capacity of the Manipulator. The bipod is fitted with swivel castors, and folds in half for ease of storage and transport.



# TRAINING

The very best equipment, as designed and produced by NIC, will always achieve the desired result as all applications are vigorously tested. To ensure that all equipment is used correctly and works consistently, NIC provides comprehensive training to ensure success when using Hook and Line when dealing with live IEDD tasks. Training is designed to supplement existing Standard Operating Procedures in use and provide more capability to the IEDD Operator or Bomb Tech when dealing with devices.

All training is conducted by trained & experienced Bomb Disposal Operators with extensive operational experience in Northern Ireland, Bosnia, Iraq and Afghanistan. These instructors have extensive knowledge of Hook and Line and have used it extensively on deployed operations. To ensure that the training is relevant and covers fully the Hook and Line systems purchased, NIC is able to provide the following training:



## 5 Day Hook and Line Training course:

Subject areas taught:

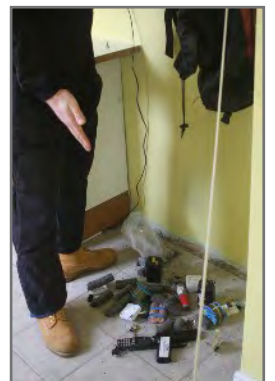
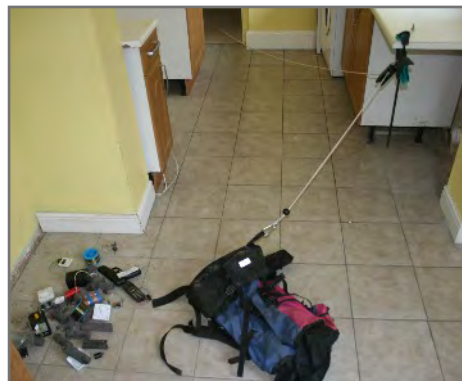
- Hook and Line on vehicles.
- Hook and Line in rural environments.
- Hook and Line in urban environments.
- Miscellaneous Hook and Line tasks.
- Practical problem solving using Hook and Line.

All training combines classroom lessons to impart the design and use of the equipment and practical training to reinforce the theory taught. NIC's system of training utilises the EDIP principle (Explain, Demonstrate, Imitate, Practice) for practical lessons to ensure that all applications are fully understood.

**A 3 day Hook and Line Training Course can also be provided on request.**



NIC Instruments has on its premises a fully equipped training facility of over 250 square metres. This comprises a residential house and garden, a commercial garage / lock up and numerous training vehicles. This allows operators to train using realistic training scenarios in realistic settings providing the maximum training benefit from courses. All training can be conducted at NIC's dedicated training facility, or at the end user's location depending on the requirements of the client.



# NOTES

# NOTES

# NOTES



# CONTACT & FURTHER INFO

## Hook & Line, EOD Equipment

Brochure:



Webpage:



Video:



## Search & Inspection Equipment

Brochure:



Webpage:



All files can also be downloaded  
from our website:  
**[www.nic-security.com](http://www.nic-security.com)**

Follow us on social media:



## ZEUS UGV

Brochure:

Full Version:



Short Version:



Webpage:



Video:



**Steve Wisbey BEng**  
Managing Director

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Specialists in design and manufacture of Explosive  
Ordnance Disposal and High Threat Search Equipment

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PART NO: LT000600

NIC Instruments LTD reserve the right to change equipment and specifications detailed without prior notice