

# BYRNA SD KIT



### PRODUCT OVERVIEW:

The patented compact BYRNA SD is a less-lethal launcher that have the same similarity as a semi-automatic pistol. The body is mold from a glass filled nylon polymer and the grip has a rubber over mold that gives better grip retention. Projectiles feeds into the BYRNA SD by utilizing interchangeable 5-round magazines.

The Launcher is powered by an 8-gram CO2 cylinder that propels projectiles at approximately 280 fps and are accurate on distances up to 20 meters.

The CO2 cylinder is housed internally underneath the barrel. The patented mechanical piercing mechanism allows the gas cylinder to sit unperceivable. When you pull the trigger in fire mode, the trigger mechanism pierces the cylinder and shoots the first projectile simultaneously. One CO2 Cylinder can shoot a minimum of 15 projectiles (3x magazines).

### EXTERNAL FEATURES:

The BYRNA SD features a three-blade sight, an external ambidextrous safety lever that can easily be switched between safe and fire mode, a breech indicator at the top, not only indicates that there is a projectile in the chamber but also when pressed down, ejects the projectile from the chamber through the magazine well, so you know the launcher is clear. The BYRNA SD also come standard with a picatinny rail that allows the mounting of accessories.

### IN THE KIT:

The kit includes a BYRNA SD launcher in color options of black, orange, tungsten and tan. Two magazines are included and made from glass filled nylon polymer with a load capacity of five projectiles each. The kit comes packed with a 5-count tube of chemical irritant projectiles(Max or Pepper), 5-count tube of Byrna Kinetic Projectiles and a 5-count tube of Byrna Eco-Kinetic Projectiles. Two 8-gram CO2 cylinders complete the kit. All packed in a zip up carry case, ready to go



# BYRNA SD KIT

The kit includes a BYRNA SD launcher in color options of black, orange, tan, pink, yellow or gray. Included are two magazines, made from glass filled nylon with a load capacity of five projectiles each and two 8-gram CO2 cylinders. The Byrna SD kits are sold in variations; Byrna SD Max Kit, Byrna SD Pepper Kit or the Byrna SD Kinetic Kit. One 8-gram CO2 cylinder can shoot a minimum of 15 projectiles.

- The BYRNA SD Kinetic kit has a 5ct tube of Byrna Eco-Kinetic Projectiles and 2x 5ct tube of Byrna Kinetic Projectiles.
- The BYRNA SD Pepper kit has a 5ct tube of Eco-Kinetic Projectiles, a 5ct tube of Kinetic Projectiles and a 5ct tube of Byrna Pepper Projectiles.
- The BYRNA SD Max kit has a 5ct tube of Eco-Kinetic Projectiles, a 5ct tube of Kinetic Projectiles and a 5ct tube of Byrna Max Projectiles.

All packed in a zip up carry bag, ready to go.

PEPPER KIT		KINETIC KIT		MAX KIT	
BLACK	SKU: SK68300_BLK_PEPPER	SK68300_BLK_KINETIC	SK68300_BLK_MAX	SK68300_BLK_MAX	SK68300_BLK_MAX
ORANGE	SKU: SK68300_ORN_PEPPER	SK68300_ORN_KINETIC	SK68300_ORN_MAX	SK68300_ORN_MAX	SK68300_ORN_MAX
TAN	SKU: SK68300_TAN_PEPPER	SK68300_TAN_KINETIC	SK68300_TAN_MAX	SK68300_TAN_MAX	SK68300_TAN_MAX
PINK	SKU: SK68300_PNK_PEPPER	SK68300_PNK_KINETIC	SK68300_PNK_MAX	SK68300_PNK_MAX	SK68300_PNK_MAX
YELLOW	SKU: SK68300_YEL_PEPPER	SK68300_YEL_KINETIC	SK68300_YEL_MAX	SK68300_YEL_MAX	SK68300_YEL_MAX
GRAY	SKU: SK68300_TNG_PEPPER	SK68300_TNG_KINETIC	SK68300_TNG_MAX	SK68300_TNG_MAX	SK68300_TNG_MAX



Launcher Model Number:	SD68300	Magazine Capacity:	5 rounds
Size:	185mm x 143mm   7.28" x 5.62"	Propulsion:	One(1) 8 gram Byrna CO2 cylinder
Loaded Weight:	597g   1.31lb	Puncture Mechanism:	Punctures CO2 cylinder and fires the first projectile on the first trigger pull
Housing Material:	Glass-filled Nylon	Temperature Range:	-18°C to 49°C   0°F to 120°F
Component Materials:	Rubber Overmold Grip	Accessories:	Laser pointer, light, holsters
Caliber:	.68	Safety Level:	Ambidextrous
Speed of Projectile:	220-300 fps	Colors:	Black, Orange, Tan, Pink, Yellow and Gray
Force at Muzzle Velocity:	13 Joules		



# BYRNA SDXL KIT

The BYRNA SDXL use the BYRNA SD platform, but adapted to use a 12-gram CO2 cylinder. The 12-gram cylinder allows for an increase in shot capacity; up to 30 projectiles per cylinder. This modification also comes with a longer barrel. The Byrna SD kits are sold in variations; Byrna SD Max Kit, Byrna SD Pepper Kit or the Byrna SD Kinetic Kit.

- The BYRNA SD Kinetic kit has a 5ct tube of Byrna Eco-Kinetic Projectiles and 2x 5ct tube of Byrna Kinetic Projectiles.
- The BYRNA SD Pepper kit has a 5ct tube of Eco-Kinetic Projectiles, a 5ct tube of Kinetic Projectiles and a 5ct tube of Byrna Pepper Projectiles.
- The BYRNA SD Max kit has a 5ct tube of Eco-Kinetic Projectiles, a 5ct tube of Kinetic Projectiles and a 5ct tube of Byrna Max Projectiles.

Included are two magazines, made from glass filled nylon with a load capacity of five projectiles each. Two 12-gram CO2 cylinders completes the kit. All packed in a zip up carry case, ready to go.

PEPPER KIT		KINETIC KIT		MAX KIT	
BLACK	SKU: SX68300_BLK_PEPPER	SX68300_BLK_KINETIC	SX68300_BLK_MAX	SX68300_BLK_MAX	SX68300_BLK_MAX
ORANGE	SKU: SX68300_ORN_PEPPER	SX68300_ORN_KINETIC	SX68300_ORN_MAX	SX68300_ORN_MAX	SX68300_ORN_MAX



Launcher Model Number:	SX68300	Magazine Capacity:	5 rounds
Size:	204mm x 143mm   8.03" x 5.62"	Propulsion:	One(1) 12-gram Byrna CO2 cylinder
Loaded Weight:	646g   1.425lb	Puncture Mechanism:	Punctures CO2 cylinder and fires the first projectile on the first trigger pull
Housing Material:	Glass-filled Nylon	Temperature Range:	-18°C to 49°C   0°F to 120°F
Component Materials:	Rubber Overmold Grip	Accessories:	Laser pointer, light, holsters
Caliber:	.68	Safety Level:	Ambidextrous
Speed of Projectile:	220-300 fps	Colors:	Black and Orange
Force at Muzzle Velocity:	13 Joules		



# BYRNA ECO-KINETIC PROJECTILES

Pressed powder projectile with no active ingredients. Eco friendly. For training.

Color:	Green	5 Count - SKU NUMBER :	RB68402/1
Payload:	Inert Powder	25 Count - SKU NUMBER :	RB68404/1
Size:	17.35 - 17.5mm	95 Count - SKU NUMBER :	RB68403/1
Caliber:	0.68 cal.	400 Count - SKU NUMBER :	RB68406/1
Weight:	2.95 - 3.0g		



# BYRNA TRAINING PROJECTILES

Encapsulated powder projectiles with no active ingredients. For training.

Color:	White/Grey	5 Count - SKU NUMBER :	IP68301/1
Payload:	Inert Powder	25 Count - SKU NUMBER :	IP68305/1
Size:	17.35 - 17.5mm	95 Count - SKU NUMBER :	IP68302/1
Caliber:	0.68 cal.	400 Count - SKU NUMBER :	IP68704/1
Weight:	2.95 - 3.0g		



# BYRNA KINETIC PROJECTILES

Injected hard polymer. Does not break on impact. For training.

Color:	Grey	5 Count - SKU NUMBER :	SP68301/1
Payload:	Plastic solid polymer	25 Count - SKU NUMBER :	SP68404/1
Size:	17.35 - 17.5mm	95 Count - SKU NUMBER :	SP68302/1
Caliber:	0.68 cal.	400 Count - SKU NUMBER :	SP68704/1
Weight:	2.95 - 3.0g		



# BYRNA PEPPER PROJECTILES

Oleoresin Capsicum and PAVA blend (OC & OCII).

Color:	Red/Grey	5 Count - SKU NUMBER :	JB68301/1
Payload:	Pepper - OC(1%), PAVA(4%)	25 Count - SKU NUMBER :	JB68305/1
Size:	17.35 - 17.5mm	95 Count - SKU NUMBER :	JB68302/1
Caliber:	0.68 cal.		
Weight:	2.95 - 3.0g		



# BYRNA MAX PROJECTILES

Oleoresin Capsicum and Tear Gas powder blend (OC & CS).

Color:	Blue/Grey	5 Count - SKU NUMBER :	HH68311/1
Payload:	Pepper - OC(1%), CS(8%)	25 Count - SKU NUMBER :	HH68305/1
Size:	17.35 - 17.5mm	95 Count - SKU NUMBER :	HH68312/1
Caliber:	0.68 cal.		
Weight:	2.95 - 3.0g		



# BYRNA CO<sub>2</sub> CYLINDERS

## PRODUCT OVERVIEW:

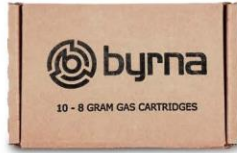
Both the 8-gram and the 12-gram CO<sub>2</sub> cylinders are sold in packs of 10. The 12-gram CO<sub>2</sub> Cylinder only works with the BYRNA BOOST 12-gram CO<sub>2</sub> Adaptor and the BYRNA SDXL.

SILVER ■ SKU NUMBER 8g: CO2300\_oil  
 ■ SKU NUMBER 12g: CO2330\_oil

## PRODUCT SPECIFICATION:

Model Number	BYRNA CO <sub>2</sub> 8gram
Gas	CO <sub>2</sub>
Colour	Silver
Size	64mm x 19mm
Weight	33 grams
Compatibility	BYRNA SD Launchers
Packaging	10x Cylinders per box

Model Number	BYRNA CO <sub>2</sub> 12gram
Gas	CO <sub>2</sub>
Colour	Silver
Size	83mm x 19mm
Weight	44 grams
Compatibility	BYRNA SDXL Launchers
Packaging	10x Cylinders per box



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# BYRNA MAGAZINE AND CARRIER

## BYRNA MAGAZINE

Spare 5 round magazines are sold in packs of two. Magazine works with both BYRNA SD and BYRNA SDXL models.

BLACK ■ SKU NUMBER: AM568300

Model Number	BYRNA Magazine
Material	Glass Filled Nylon
Colour	Black
Size	120mm x 50mm x 30mm
Weight	70 grams
Compatibility	BYRNA SD Launchers
Packaging	2x Magazines per box



## BYRNA MAGAZINE CARRIER

The Magazine Carrier securely store your spare magazine. The top half of the magazine is exposed and allows for better grip when pulled from the carrier. The retention can be adjusted for your requirement. The Magazine Carrier clips and sits vertically on your waist belt. It is easily accessible and can be worn on the inside or outside.

BLACK ■ SKU NUMBER: BH68400

Model Number	BYRNA Magazine Carrier
Material	Glass Filled Nylon
Colour	Black
Size	80mm x 58mm x 40mm
Weight	50 grams
Compatibility	BYRNA SD magazines
Packaging	1x Magazines Carrier per bag



# BYRNA BOOST 12-gram CO<sub>2</sub> ADAPTOR

## PRODUCT OVERVIEW:

The BYRNA SD BOOST ADAPTOR fits onto the front of the BYRNA SD Launcher. This modification permits you to use a 12-gram CO<sub>2</sub> cylinder. The installation is easy, and all the necessary tools are included in the box. By using a 12-gram CO<sub>2</sub> cylinder you increase the shot capacity up to 30 projectiles per cylinder.

## PRODUCT SPECIFICATION:

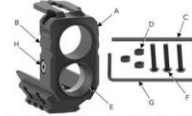
Model Number	BYRNA BOOST 12gram Adaptor
Material	Glass Filled Nylon
Colour	Black
Size	62mm x 58mm x 30mm
Weight	50 grams
Compatibility	BYRNA SD Launchers



## PRODUCT INSTALLATION:

Installation parts included in the box:

- A. 12g Left Adaptor
- B. 12g Right Adaptor
- C. 3/32" Hex Key
- D. M3 Hex Nut (x3)
- E. 12g CO<sub>2</sub> Chamber Extender
- F. M3 Hex Screw (x3)
- G. 2mm Hex Key
- H. 3/32" Hex Screw (x2)
- I. 3/32" Hex Screw (x2)



Note: Parts should arrive partially assembled as shown, items A, B, E.

1. Insert three M3 hex nuts (D) in the positions of the right adaptor and three M3 hex screws (F) in the left adaptor, as shown below.
2. Use the 2mm hex key to tightly tighten the top M3 hex screw, then tighten the lower M3 hex screws until there is not a gap between the two sides under the adaptor. Tighten the M3 hex screws evenly. Do not over tighten.



## INSTALLATION INSTRUCTIONS OF THE CO<sub>2</sub> CYLINDER

1. Put the Byrna launcher in SAFE mode, remove the magazine, and make sure there is not a projectile in the breach.
2. Point the barrel in a safe direction. Remove the CO<sub>2</sub> cap using the cap tool, which is built into the magazine base.
3. Insert a new unused CO<sub>2</sub> cylinder into the CO<sub>2</sub> chamber, using your finger to push the CO<sub>2</sub> cylinder firmly to the back of the CO<sub>2</sub> chamber.
4. Replace the CO<sub>2</sub> cap using the CO<sub>2</sub> cap tool. Tighten the CO<sub>2</sub> cap securely. Do not over tighten. The CO<sub>2</sub> cap should sit flush with body of the Byrna launcher.



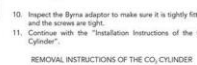
## INSTALLATION INSTRUCTIONS OF THE ADAPTOR

Read all the instructions before starting the installation. Remove the existing CO<sub>2</sub> cap and the 8g CO<sub>2</sub> cylinder from the Byrna launcher before starting the installation.

1. Using the 3/32" hex key, remove the 3/32" hex screw (H) from the right adaptor (B) of the assembled adaptor.
2. Place the left adaptor (A) in position on the left side of the Byrna launcher (with the CO<sub>2</sub> chamber extender (E)) still in position.
3. Making sure the top clip of the adaptor is positioned behind the front sight, rotate the bottom of the left adaptor to align with the accessory mount under the Byrna launcher.



4. Replace the 3/32" hex screw (H) in position on the right adaptor, as shown below. Use the 3/32" hex key to tighten the 3/32" hex screw. Do not over tighten.



5. Inspect the Byrna adaptor to make sure it is tightly fitting, and the screws are tight.
6. Continue with the "Installation Instructions of the CO<sub>2</sub> Cylinder".



## REMOVAL INSTRUCTIONS OF THE ADAPTOR

Remove the 12g CO<sub>2</sub> cylinder from the Byrna launcher before starting with the disassembly.

1. Remove the 3/32" hex screw from one side of the adaptor, using the 3/32" hex key.
2. Remove the three M3 hex screws from the left adaptor using the 2mm hex key and remove the three M3 hex nuts from the right adaptor.
3. Rotate the two sides of the adaptor outwards, as shown below.



## REMOVAL INSTRUCTIONS OF THE CO<sub>2</sub> CYLINDER

1. Put the Byrna launcher in SAFE mode, remove the magazine, and make sure there is not a projectile in the breach.
2. Point the barrel in a safe direction and carefully bleed off any remaining CO<sub>2</sub> gas by loosening the CO<sub>2</sub> cap with the CO<sub>2</sub> cap tool, which is built into the magazine base.
3. Remove the CO<sub>2</sub> cap and used CO<sub>2</sub> cylinder.
4. Replace the CO<sub>2</sub> cap.



4. Align the top clip of the right adaptor (B) in position so that it locks behind the top clip of the left adaptor.
5. Rotate the lower part into position under the Byrna launcher, making sure to keep the top clips together while aligning the bottom of the right adaptor with the accessory mount under the Byrna launcher.
6. The two sides of the adaptor will align when firmly pressed together but may part slightly when released.



## REMOVAL INSTRUCTIONS OF THE ADAPTOR

Remove the 12g CO<sub>2</sub> cylinder from the Byrna launcher before starting with the disassembly.

1. Remove the 3/32" hex screw from one side of the adaptor, using the 3/32" hex key.
2. Remove the three M3 hex screws from the left adaptor using the 2mm hex key and remove the three M3 hex nuts from the right adaptor.
3. Rotate the two sides of the adaptor outwards, as shown below.



SCAN THE QR CODE Installation Video

# BYRNA HOLSTERS

## BYRNA HOLSTER - LEVEL-2

The BYRNA LEVEL-2 Holsters are a surface mounted open carry solution. The holster clips over your waist belt and the curved paddle mirrors your waistline for comfort. The strong polymer retention clip locks your BYRNA SD in place. The trigger is covered and protected when holstered. Press down on the retention clip and pull the launcher from the holster to eject. The adjustable tension screws allow to alter the level of friction. The angle of the curved paddle can be adjusted to cant forward or backwards. Available in left hand or right hand models.



BLACK ■ SKU NUMBER - RH: BH68325/1  
 ■ SKU NUMBER - LH: BH68326/1  
 ■ SKU NUMBER - XL RH: BH68129/1

Model Number	BYRNA Holster Level-2
Material	KYDEX® and Nylon Polymer
Colour	Black
Size	170mm x 132mm x 84mm
Weight	180 grams
Compatibility	BYRNA Launchers
Handedness	RH and LH Models

## BYRNA HOLSTER - TACTICAL

The BYRNA Holster - Tactical grips the BYRNA SD with friction. The friction can be adjusted for your ideal release level. The holster clips over your waist belt and the curved paddle mirrors your waistline for comfort. The angle of the curved paddle can be adjusted to cant forward or backwards. Available in left hand or right hand models.



BLACK ■ SKU NUMBER - RH: BH68300/1  
 ■ SKU NUMBER - LH: BH68301/1  
 ■ SKU NUMBER - with laser RH: BH68302  
 ■ SKU NUMBER - with laser LH: BH68303

Model Number	BYRNA Holster Tactical
Material	KYDEX® and Nylon Polymer
Colour	Black
Size	150mm x 122mm x 70mm
Weight	120 grams
Compatibility	BYRNA SD Launchers
Handedness	RH and LH Models