

Hornady[®]
Accurate. Deadly. Dependable.

Handheld Priming Tool

Item No. 0500021

The Hornady Handheld Priming Tool incorporates an ergonomic design and is engineered to operate with fewer parts for a lifetime of hassle-free, easy-to-use priming. This priming tool features a covered primer tray with ribs to orient primers to their correct and safe position for priming. Plus this tool is designed to deliver a positive prime using standard shell holders.

GETTING STARTED:

The Hornady Handheld Priming Tool comes partially assembled in the box, consisting of the hand priming tool body assembly, primer trays, primer seating pins, and return spring.

SAFETY NOTICE BEFORE ASSEMBLY OR OPERATION:

1. Always wear safety glasses when priming or handling primers.
2. Careless or improper handloading techniques can result in serious personal injury.
3. Primers are designed to explode and will do so when subjected to heat or percussion.
4. Keep away from children.
5. Do not smoke near primers.
6. DO NOT force primers during priming process. A single primer exploding will set off a chain reaction causing primers in the tray and in the vicinity to violently detonate.
7. DO NOT store or handle primers in bulk.
8. For identification and safety, keep primers in their original protective packaging.
9. An Absolute minimum number of primers should be kept at the loading operation at any given time. Open only one package tray (100 primers) at a time.
10. DO NOT decap live primers.
11. DO NOT attempt to seat, or reseal a primer in a loaded round.
12. For large primers use ONLY the large primer seater pin and for small primers use ONLY the small primer seater pin.
13. Use the small primer size boss for small primers. Using the large primer size boss for small primers can cause misalignment and can result in primer detonation.

ASSEMBLY:

1. The priming tool body comes pre-assembled and adjusted. Do not attempt to adjust any parts or features of the priming tool body or other parts as this can cause unsafe or improper function of the Handheld Priming Tool.
2. Two primer seating pins are included with your Handheld Priming Tool. The small and large pin should be matched to the primer size you will be using during operation. Do not use the small pin for large primers or the large pin for small primers, this can cause misalignment issues when priming the case and can cause a primer to discharge during priming. Always ensure the correct size primer seating pin is used for each priming operation.
3. Install the correct size primer seater pin into the follower. Place the end of the pin with the tapered shoulder down into the hole in the follower.
4. Next, place the return spring over the primer seating pin.
5. Two primer trays are included with your Handheld Priming Tool. The black tray is compatible with Hornady shell holders and has both a large and small primer size boss on each end of the primer tray. The green primer tray is compatible with RCBS shell holders and incorporates the same large and small primer size boss as the black tray. The primer tray lid can be used on both primer trays. A visual size difference can be seen to determine which primer size boss should be inserted into the tool body.
6. With the proper primer seater pin and spring installed in the tool body, the primer tray can be installed. The round portion around the primer size boss on the primer tray is slid into the tool body from the top. Once the tray is started into the tool body, press it down compressing the return spring and hold in the down position.
7. With the primer tray held down the proper shell holder can be installed into the cutout on the side of the tool body above the primer tray size boss. Once the shell holder is pushed all the way into the tool body the primer tray can be released and should come to rest at the base of the shell holder.



8. The primer tray lid can be unlocked or locked by turning the lid to disengage or engage the locking ears to the primer tray. The primer tray lid incorporates stops on each end of the lid. The larger stop should be positioned to block the primer size boss that is not in use to prevent primers from falling out of the tray during operation. The small stop can be turned to block primers from entering the primer tool body when not in use. Ensure that the locking ears of the primer tray lid are properly engaged to prevent the lid from prematurely coming off during use.

LOADING THE PRIMERS

Primers can be loaded after the primer tray is attached. Remove the primer tray lid and carefully transfer primers out of the factory package into the primer tray. Primers that land anvil down will need to be flipped upright before priming. Gently shaking the tray from side to side or physically turning each of the primers can be used to correct upside down primers prior to use. Once all the primers are in the proper position in the tray, the primer tray lid can be installed with the small primer stop preventing the primers from spilling out through the tool body. **NEVER put more than 100 primers in the tray at one time.**

PRIMING CASES

The Handheld Priming Tool is now ready to use. To prime cases, hold the priming tool comfortably in your hand. Tilt the tool away from you for safety and proper feeding of primers from the tray. Insert an unprimed case into the shell holder. With even gentle pressure, slowly squeeze the handle until you feel the primer seat in the bottom of the primer pocket. Release the handle, remove the case, and inspect for seated depth. Seating depth should be .001 to .005 inches below the face of the case head. Do not attempt to reseal primers in a completed cartridge. If you find this necessary, pull the bullet, dump the powder, and reseal the primer.

PARTS LIST

Key	Description	Item No.
A	Lid	398721
B	Black Tray (Hornady)	398723
	Green Tray (RCBS)	398723
C	Return Spring	398713
D	Primer Seater Pin, Lg	398744
	Primer Seater Pin, Sm	398745
E	Follower	398730
F	Follower Hinge Pin	392473
G	Handle Hinge Pin	392472
H	Shell Holder	
I	Handle	392469
J	Link	398727
K	Body	398714
L	Body Pin	398720

1. If fired brass is being used, ensure the primer pockets have been cleaned to provide proper and safe priming of the case.
2. Insert the unprimed case into the shell holder checking that it is pushed all the way to the back of the shell holder. If the case is not pushed all the way into the shell holder, the primer can catch on the edge of the primer pocket not allowing the primer to seat and possibly causing detonation of the primer if excessive force is used.
3. To prime the case, turn the primer tray lid to disengage the primer stop and allow the primer to enter the tool body. Tilt the tool away from you for safety and proper feeding of the primers in the tray. NEVER look down into the case or have the priming tool close to your face when priming.
4. Exert even, gentle pressure by slowly squeezing the handle until you feel the primer seat in the bottom of the primer pocket. **DO NOT** hold the case with your other hand during priming. **IF YOU ENCOUNTER RESISTANCE, STOP.** Inspect the case to ensure the primer is oriented correctly, and the case is deprimed.
5. Release the handle to its fully open position and remove the primed case from the shell holder.
6. Inspect the primer in the case for seating depth by feeling with your finger or finger nail or placing on a flat surface and trying to rock the case side to side. Primers should be seated .001 to .005 inches below the face of the case head. If the primer is not seated deep enough, the case can be reinserted and pressure applied again.

NOTE: If the primer needs to be seated deeper ensure that the primer stop has been engaged by turning the primer lid before placing the case back in the shell holder. Visually inspect to make sure that no primers are resting on the primer seater pin in the tool body. If the case is reinserted to “reseat” the primer without the stop being engaged a primer can slide into the tool body and possibly be detonated when it is squeezed between the primer already in the case and the primer seater pin.

NOTE: Never try to reseat a primer of a loaded round. If a primer is found that hasn't been seated deep enough after the round has already been loaded, the bullet must be pulled and the powder emptied from the case before the primer can be re-seated.

MAINTENANCE:

As with all mechanical tools, proper routine maintenance will provide smooth operation and a longer life. On a regular basis, clean the primer tray and other parts to prevent buildup of dust and primer residue. Occasionally lubricate the handle and body pins with a drop of light grade machine oil. Lubricate the follower using light grease. Lubricate sparingly. Oil and grease can contaminate primers causing them to misfire.

If you have any questions about the use of this tool please call 800-338-3220 and ask for Technical Service.

Since Hornady Manufacturing has no control over the choice of components, the manner in which they are assembled, the use of this product, or the guns in which the resulting ammunition may be used, no responsibility, either expressed or implied, is assumed for the use of ammunition reloaded with this product.

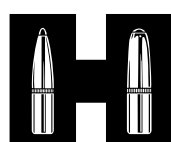
SHELL HOLDERS

CARTRIDGE	Shell Holder # / Item No.
BLANK CART 22-45 CAL	— / —
17 HORNET	#3 / 390543
17 REM FIREBALL	#16 / 390556
17 REM	#16 / 390556
17-222	#16 / 390556
17-223	#16 / 390556
20 VT	#16 / 390556
20 TACTICAL	#16 / 390556
204 RUGER	#16 / 390556
22 HORNET	#3 / 390543
22 K-HORNET	#3 / 390543
5.7X28 FN	#37 / 390577
218 BEE	#7 / 390547
221 REM FIREBALL	#16 / 390556
222 REM	#16 / 390556
223 REM	#16 / 390556
22 PPC	#6 / 390546
5.6X50 MAG	#16 / 390556
219 ZIPPER	#2 / 390542
225 WIN	#4 / 390544
22 NOSLER	#16 / 390556
224 VALKYRIE	#12 / 390552
22 ARC	#6 / 390546
224 WBY MAG	#17 / 390557
22-250 REM	#1 / 390541
22-250 ACKLEY IMP	#1 / 390541
22 CREEDMOOR	#1 / 390541
220 SWIFT	#4 / 390544
5.6X57	#1 / 390541
223 WSSM	#35 / 390575
22-6MM	#1 / 390541
22 SAVAGE HP	#2 / 390542
5.6X52R	#2 / 390542
6MM-223	#16 / 390556
6MM TCU	#16 / 390556
6MMX47 REM	#16 / 390556
6MM PPC	#6 / 390546
6MM BR REM	#1 / 390541
6MM HAGAR	#12 / 390552
243 WIN	#1 / 390541
6MM REM	#1 / 390541
6MM CREEDMOOR	#1 / 390541
6MM-284	#1 / 390541
6MMx47 LAPUA	#1 / 390541
240 WBY MAG	#1 / 390541
6MM PPC	#6 / 390546
6MM BR REM	#1 / 390541
6MM CREEDMOOR	#1 / 390541
243 WSSM	#35 / 390575
25-20 WIN	#7 / 390547

CARTRIDGE	Shell Holder # / Item No.
256 WIN	#6 / 390546
25-35 WIN	#2 / 390542
25 REM	#12 / 390552
250 SAVAGE	#1 / 390541
257 ROBERTS	#1 / 390541
25 WSSM	#35 / 390575
25-06 REM	#1 / 390541
257 WBY MAG	#5 / 390545
6.5 TCU	#16 / 390556
6.5 JAP	#34 / 390574
6.5 GRENDDEL	#6 / 390546
6.5X47 LAPUA	#1 / 390541
6.5X52 CARCANO	#21 / 390561
6.5X54 M-SCH	#20 / 390560
6.5X55	#19 / 390559
260 REM	#1 / 390541
6.5 CREEDMOOR	#1 / 390541
25 CREEDMOOR	#1 / 390541
6.5X57	#1 / 390541
6.5-284 NORMA	#1 / 390541
6.5-06	#1 / 390541
6.5 REM MAG	#5 / 390545
6.5 PRC	#5 / 390545
264 WIN MAG	#5 / 390545
6.5X68	#30 / 390570
26 NOSLER	#5 / 390545
6.5-300 WBY MAG	#5 / 390545
6.8MM REM SPC	#12 / 390552
270 REN	#3 / 390543
270 WIN	#1 / 390541
270 WSM	#35 / 390575
270 WBY MAG	#5 / 390545
7MM-223 INGRAM	#16 / 390556
7MM TCU	#16 / 390556
7MM BR REM	#1 / 390541
7-30 WATERS	#2 / 390542
7X57	#1 / 390541
7X57R	#13 / 390553
7MM-08 REM	#1 / 390541
284 WIN	#1 / 390541
280 REM	#1 / 390541
280 ACKLEY IMP	#1 / 390541
7X65R	#13 / 390553
7X61 S&H	#35 / 390575
7X64	#1 / 390541
7MM REM SA ULTRA MAG	#5 / 390545
7MM REM MAG	#5 / 390545
7MM WSM	#35 / 390575
7MM WBY MAG	#5 / 390545
7MM PRC	#5 / 390545

CARTRIDGE	Shell Holder # / Item No.
28 NOSLER	#5 / 390545
7MM STW	#5 / 390545
7MM REM ULTRA MAG	#5 / 390545
7.35 CARCANO	#21 / 390561
30 CARBINE	#22 / 390562
30 REM	#12 / 390552
300 BLACKOUT	#16 / 390556
30 HERRETT	#2 / 390542
30-30 WIN	#2 / 390542
30-30 ACKLEY IMP	#2 / 390542
303 SAVAGE	#33 / 390573
300 SAVAGE	#1 / 390541
30 MERRILL	#4 / 390544
307 WIN	#33 / 390573
308 MARLIN EXP	#27 / 390567
7.5 SWISS (7.5X55)	#2 / 390542
7.5 SWISS K31	#2 / 390542
308 WIN	#1 / 390541
7.62X54R	#23 / 390563
30-40 KRAG	#11 / 390551
30 TC	#1 / 390541
30-06 SPRG	#1 / 390541
30-06 ACKLEY IMP	#1 / 390541
300 H&H MAG	#5 / 390545
300 NORMA MAG	#43 / 390583
300 OLYMPIC	#35 / 390575
300 REM SA ULTRA MAG	#5 / 390545
308 NORMA MAG	#5 / 390545
300 RCM	#5 / 390545
300 WSM	#35 / 390575
300 WIN MAG	#5 / 390545
300 WBY MAG	#5 / 390545
30 NOSLER	#5 / 390545
300 PRC	#5 / 390545
300 REM ULTRA MAG	#5 / 390545
30-378 WBY MAG	#14 / 390554
7.62X39	#6 / 390546
32-20 WIN	#7 / 390547
7.65 BELG	#24 / 390564
303 BRITISH	#11 / 390551
7.7 JAP	#1 / 390541
32-40 WIN	#2 / 390542
32 WIN SPL	#2 / 390542
32 REM	#12 / 390552
8.15X46R	#2 / 390542
7.92X33 KURZ	#1 / 390541
8X57	#1 / 390541
8X57 JRS	#13 / 390553
8X57 JS	#1 / 390541
8X60S	#1 / 390541

CARTRIDGE	Shell Holder # / Item No.
325 WSM	#35 / 390575
8X68S	#30 / 390570
8MM REM MAG	#5 / 390545
8X56 HUNGARIAN-MANN	#47 / 390603
338 ARC	#6 / 390546
338 FEDERAL	#1 / 390541
338 MARLIN EXP	#52 / 390607
338 RCM	#5 / 390545
338 WIN MAG	#5 / 390545
33 NOSLER	#5 / 390545
338 NORMA MAG	#43 / 390583
340 WBY MAG	#5 / 390545
338 REM ULTRA MAG	#5 / 390545
338 LAPUA MAG	#43 / 390583
338-378 WBY MAG	#14 / 390554
348 WIN	#25 / 390565
35 REM	#26 / 390566
356 WIN	#33 / 390573
358 WIN	#1 / 390541
350 REM MAG	#5 / 390545
35 WHELEN	#1 / 390541
358 NORMA MAG	#5 / 390545
9.3X57	#1 / 390541
9.3X74R	#13 / 390553
9.3X62	#1 / 390541
38-55 WIN	#2 / 390542
375 WIN	#2 / 390542
376 STEYR	#15 / 390555
375 FL MAG NITRO EXP	#43 / 390583
375 H&H MAG	#5 / 390545
375 RUGER	#5 / 390545
375 REM ULTRA MAG	#5 / 390545
378 WBY MAG	#14 / 390554
450-400 NITRO EXP 3"	#25 / 390565
405 WIN	#42 / 390582
10.3X60R SWISS	#25 / 390565
416 RUGER	#5 / 390545
416 REM MAG	#5 / 390545
416 RIGBY	#38 / 390578
416 WBY MAG	#14 / 390554
404 JEFFERY	#53 / 390608
444 MARLIN	#27 / 390567
450 BUSHMASTER	#1 / 390541
458 SOCOM	#1 / 390541
45-70 GOVT	#14 / 390554
450 MARLIN	#5 / 390545
450 NITRO EXP 3¼"	#54 / 390609
458 WIN MAG	#5 / 390545
458 LOTT	#5 / 390545
460 WBY MAG	#14 / 390554



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