LEE PRECISION LM3231 Load Master 5 Station Reloading Press User Manual

LEE PRECISION, INC.

PRECISION LM3231 Load Master 5 Station Reloading Press User Manual

Contents

LM3231 Load Master 5 Station Reloading Press

LOAD-MASTER 5 STATION RELOADING PRESS

COMPLETE INSTRUCTIONS

Verify contents:

32 S&W Long/32 H&R Mag and 380 Auto

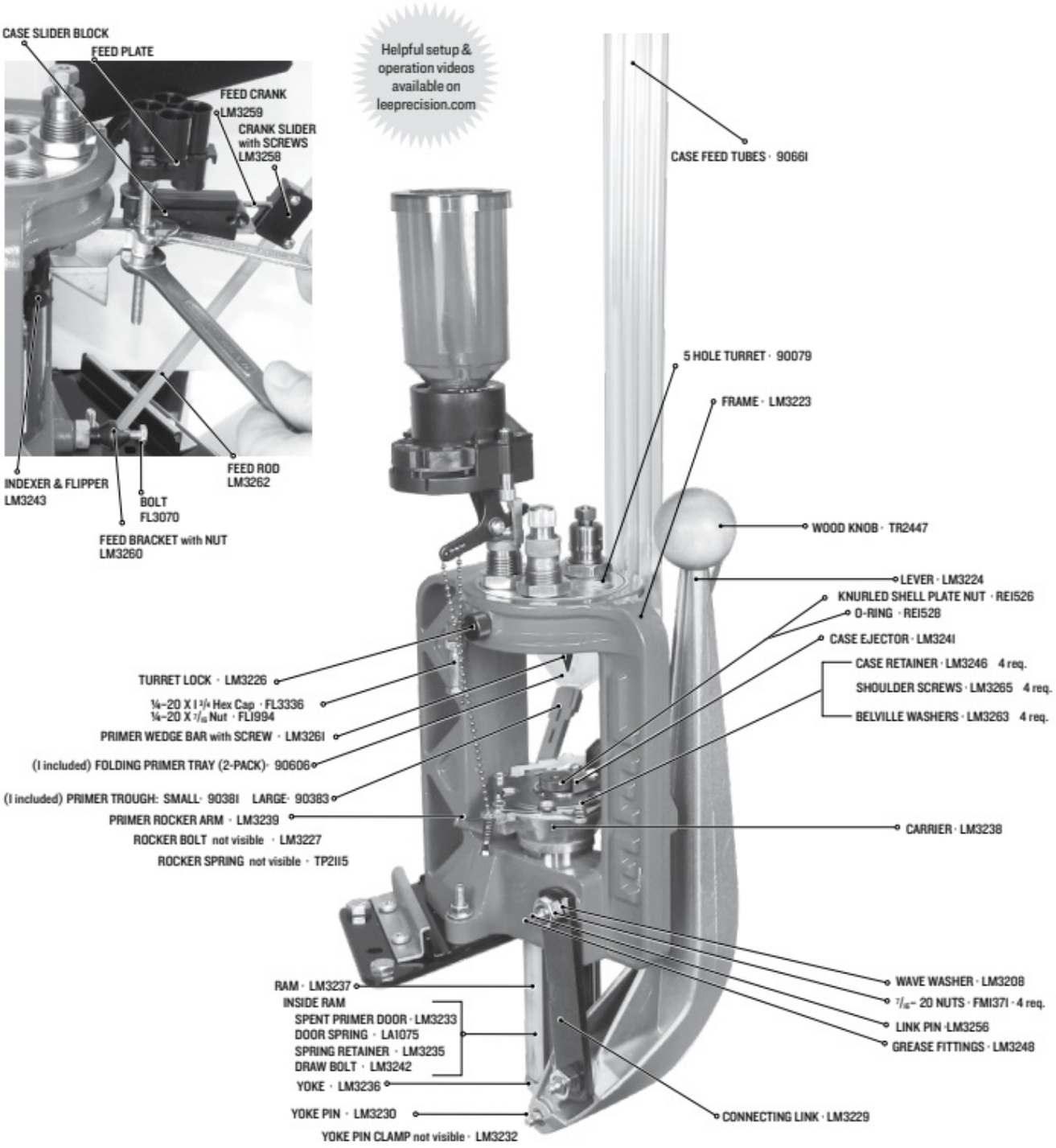
– Load-Master reloading press
– 3 die reloading set
– 4 case feed tubes
– Auto-Drum Powder Measure
– Inside the Auto-Drum Powder Measure box: Explosion Shield, Case Feed Rod
– Inside the small brown Lee box:
Plastic bin, bracket and 2 mounting screws, folding primer tray, cylinder and plate, case slider

223 Rem.:

– Load-Master reloading press
– 4 die reloading set
– Lee Case Resizing Lubricant
– 4 case feed tubes
– Auto-Drum Powder Measure
– Inside the Auto-Drum Powder Measure box: Explosion Shield, Case Feed Rod
– Inside the small brown Lee box:
Plastic bin, bracket and 2 mounting screws, folding primer tray, cylinder and plate, case slider

38 Special/357 Mag, 9mm Luger, 40 S&W, 44 Special/44 Mag, 45 ACP and 45 Colt:

– Load-Master reloading press
– 3 die reloading set
– 4 case feed tubes
– Inside the small brown box:
Explosion shield, case feed rod, cylinder and plate, case slider, 4 disks (A, B, C & D), Pro
Auto-Disk Powder Measure, red powder hopper and cover, bead chain, brass hopper nuts, folding primer tray, plastic bin and bracket.



⚠ **WARNING:** Handling live primers and spent primers may expose you to lead or other chemicals, which are known to the State of California to cause reproductive harm and cancer. For more information, go to www.P65Warnings.ca.gov.

⚠ **WARNING:** This product may contain steel alloyed with trace amounts of lead and other elements which are known to the State of California to cause reproductive harm and cancer. For more information, go to www.P65Warnings.ca.gov. To prevent exposure, do not alter the product by welding, grinding, etc.

⚠ **DANGER**

- Ammunition reloading can be dangerous if done im properly and can result in serious injury or death.
- Reloading rifle ammunition requires extra care due to extremely high pressures. Make sure your cases are in good

  condition. Inspect them before each reloading for damage and wear. Cases must be trimmed. An excessively long case will pinch the bullet in the end of the rifle chamber and cause dangerously high pressure that could

damage your gun and cause personal injury.

- Use only Remington™ or CCI™ primers. If you use other brands, you must have the Explosion Shield installed. Other brands like Federal™, can explode with sufficient force to seriously injure the user or persons nearby. Never place more than 100 primers in the tray.

⚠ CAUTION

- Reloading should not be attempted by persons not willing and able to read and fol low instructions exactly. Do not permit distractions while loading. This is a complex machine that needs your fullest attention.
- Children should not be permitted to reload ammunition without strict parental supervision.
- Always wear safety glasses and hearing protection when reloading and shooting.
- Ammunition loaded with these tools and data should only be used in modern guns in good condition. We do not accept responsibility for ammunition loaded with these tools or data as we have no control over the manufacture and storage of components or the loading procedure and techniques. Primers and gun powder, like gasoline and matches, can be dangerous if improperly handled or misused.
- Verify proper powder and charge for bullet weight selected.
- Be extremely careful to avoid a double charge. If in doubt, empty the case and recycle it.

TOOLS REQUIRED:

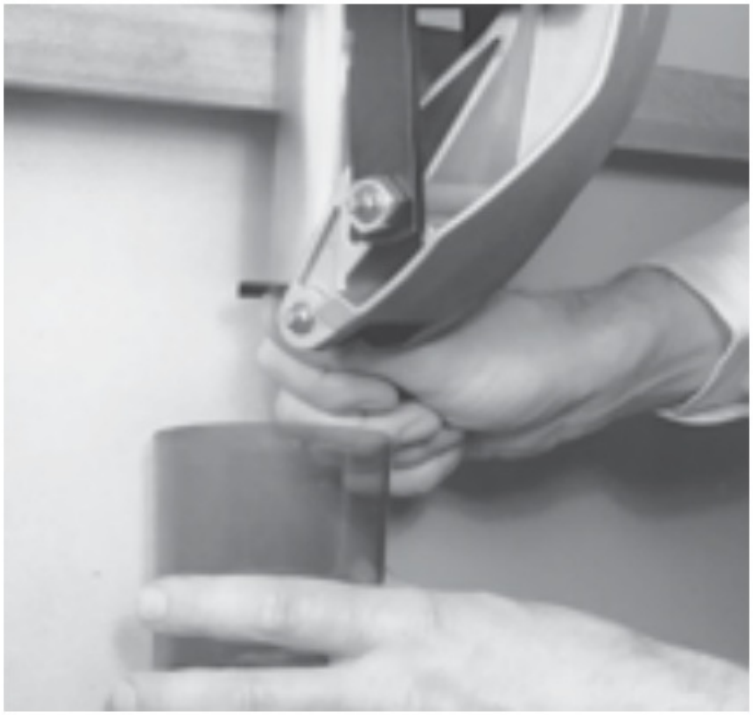
Safety glasses & ear protection Pencil
Qty. 2,7/16 wrenches for cylinder and plate nuts
11/16 wrench for feed rod bracket nut
#2 Phillips screwdriver for case retainer and bin and bracket
Flat blade screwdriver
Any automotive grease
STP® motor oil treatment for lubricating ram
Motor oil
LOCK RING WRENCH INCLUDED

Works on Spline Drive Lock Rings and Spline Drive Bushings

SMOOTH OPERATING TIPS

- After every use, oil the ram with STP® motor oil or equivalent. DO NOT USE WD-40 or dry lubricants.

- After 3000 rounds, or if press has sat idle it should be re-lubricated. See Lubricate Press section on page 8.
- Don’t let the primer level fall below the tray level. Running out of primers will cause a mess inside carrier.
- Always move the lever smoothly in complete strokes. An interrupted stroke can cause a jam or double charge.
- Do not force it or you will break something. If it does not feel right, stop and check out the problem.
- Keep your press clean. Clean the shell plate shell slots, dirt or gunpowder will keep the case from fully entering the shell plate.
- Frequently check primers to make sure they are seated properly. The primer seating punch inside the carrier should be clean. Dirt may deface the primer.
- After 3000 rounds, empty the spent primers. To empty, slide the cover back at the bottom of the ram. Place a container under the ram to catch spent primers. Be sure to close the cover, or it will get bent the next time the ram is raised.



1 Mount your press
The most convenient way to mount your press is with our Lee Bench Plate System # 90251. This system includes press mounting hardware and allows for quick press removal without unbolting from bench. This will require (qty. 4) ¼” bolts for mounting the Bench Plate System. If bench is 3/4” or thinner, use at least ¼” through bolts with nuts and washers. If bench is 3/4” or thicker, 5/16” lag bolts work nicely.
Or, if you mount directly to bench, purchase (3) ¼” bolts and nuts and prepare your workbench for use with this press using the drill template available:

SCAN ME

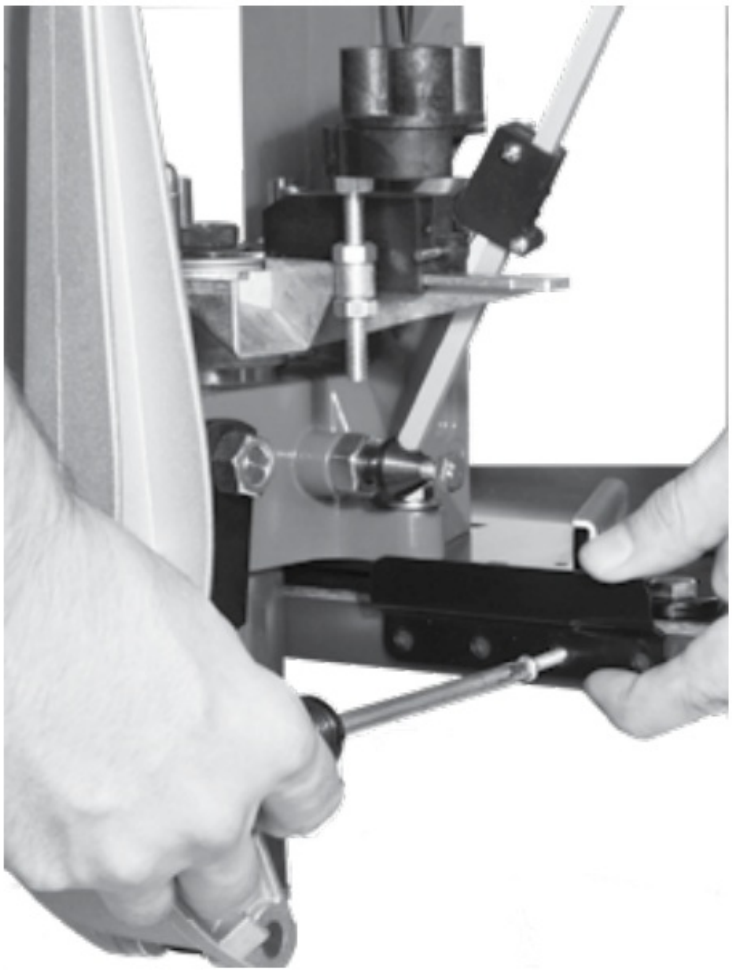
leeprecision.com/files/instruct/TMPLM.pdf

BENCH PLATE
90251

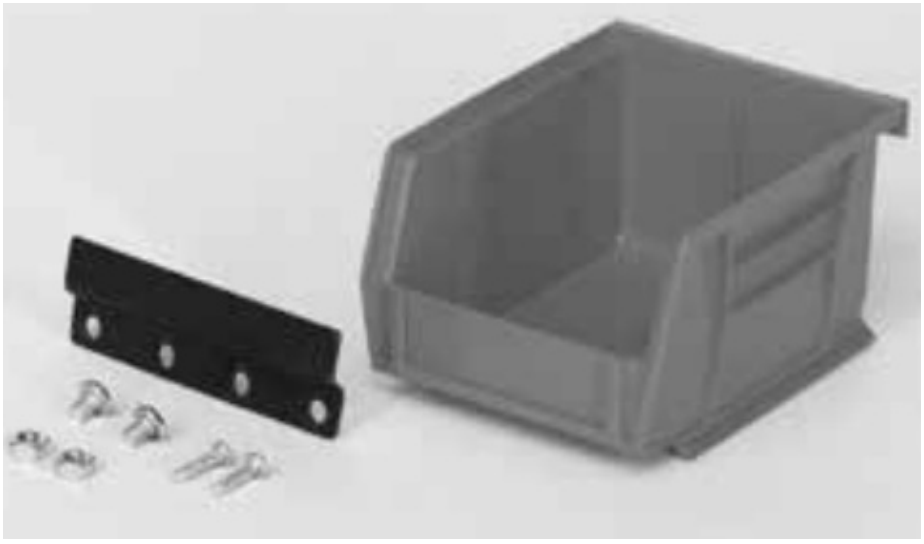
Install Explosion Shield
to your press. Unscrew the two Phillips screws in the red frame and attach Explosion Shield. The deflector should be between you and the primer tray when the carrier is all the way up.

Use only Remington™ or CCI™ primers. If you use other brands, you must have the Explosion Shield installed. Other brands like Federal™, can explode with sufficient force to seriously injure the user or persons nearby.

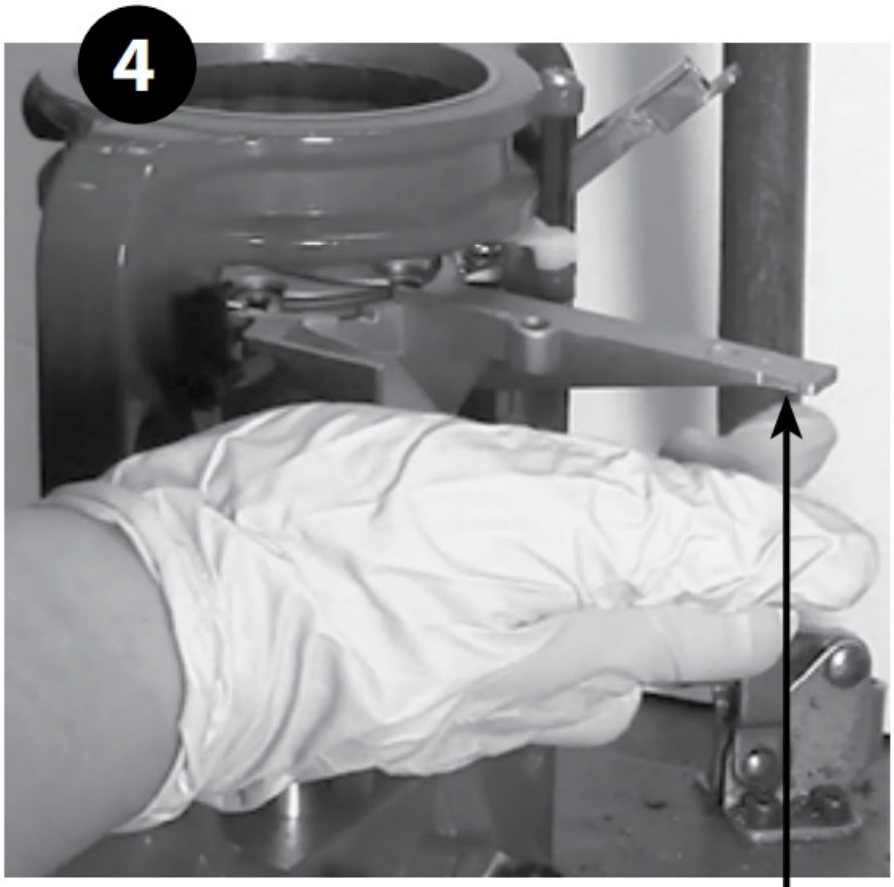
Install bin and bracket to the right of your press to catch your loaded rounds.



BIN AND BRACKET
 # 90687
For added convenience in storing bullets or emptycases.



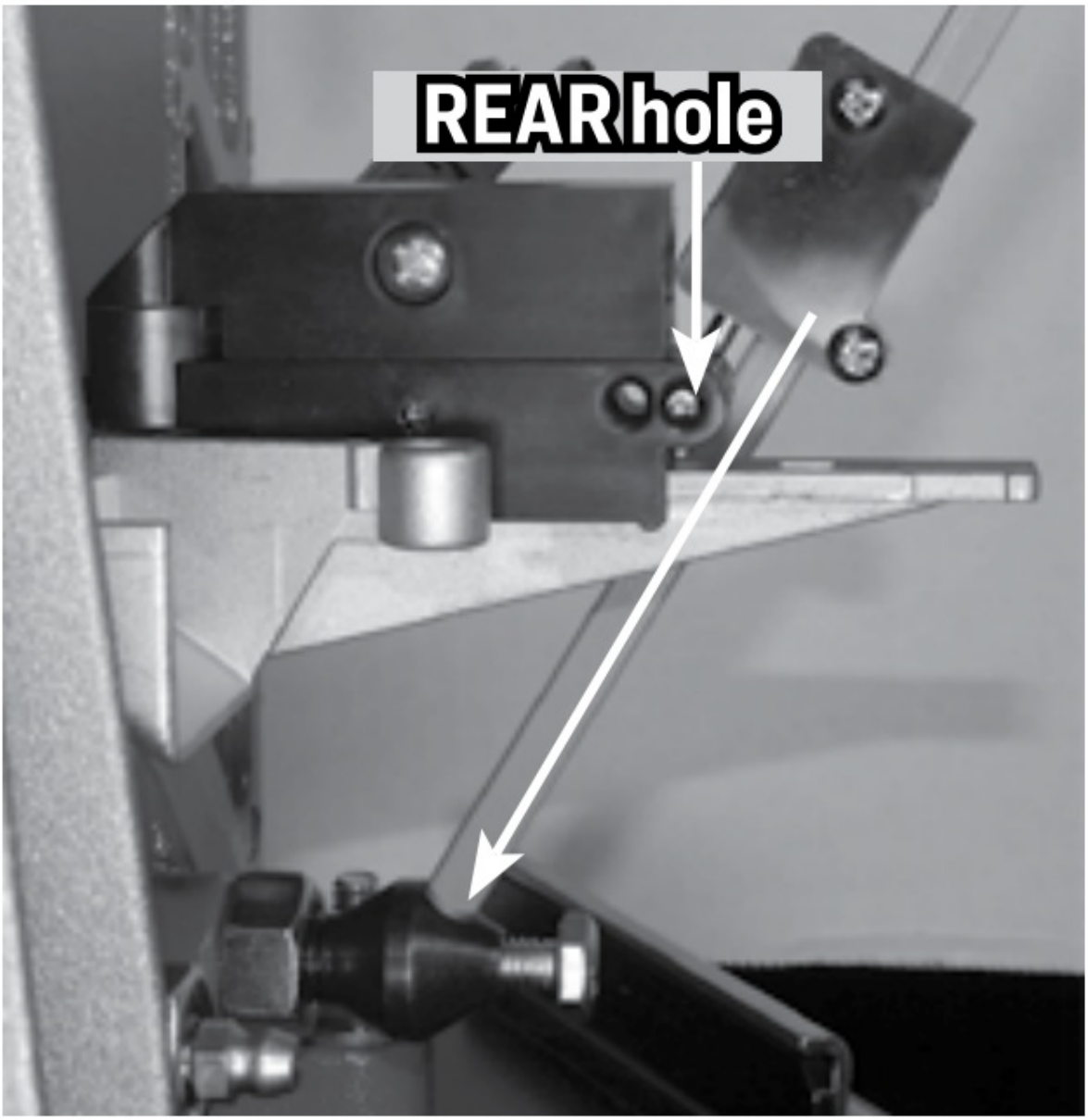
Install Case Slider Block
Cases are slid close to the shell plate on the down stroke of the ram and pushed into the shell plate as the ram starts upward. This unique action is achieved with crank slider.



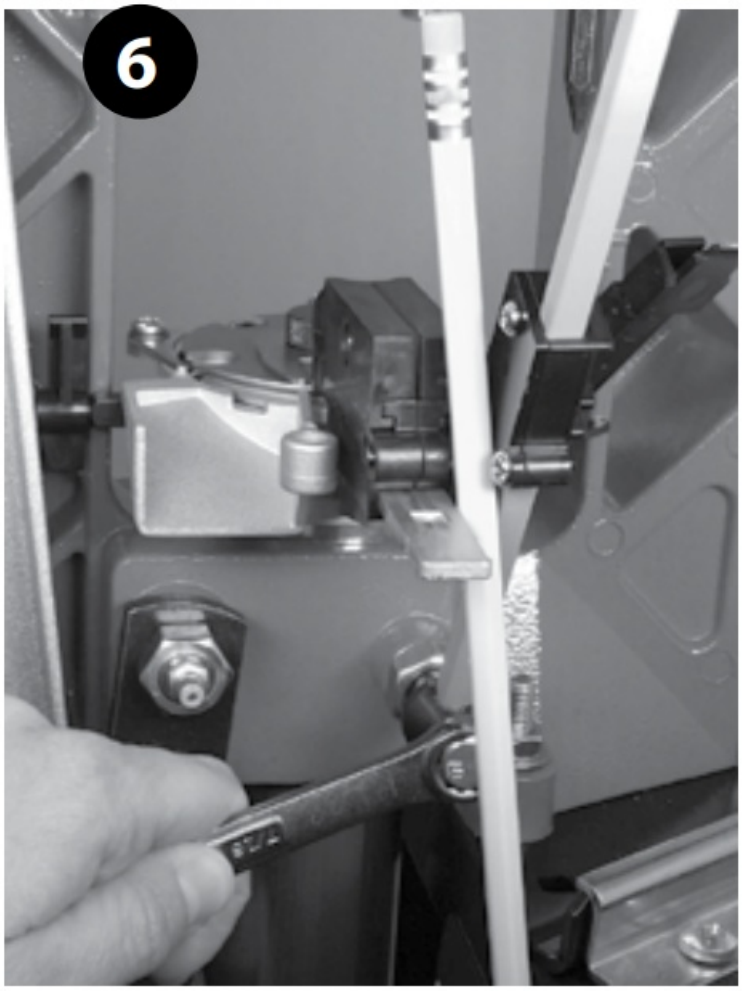
The feed bracket can easily adjusted in or out as required to fully insert the case. Once set, usually no further adjustment is needed unless you change from a very large case to a small case.
See chart on page 10. Some cases require riser to be installed on top of case slider block.

Slide the RISER block on top of CASE SLIDER BLOCK until the front and back are flush. Tighten Phillips screw on riser block.

Slide the case slider block on to the carrier tongue. Take the case feed rod, which has the crank slider already installed on it from the factory, and insert the crank wire of the crank slider into the rear hole. Insert the round end of the square case feed rod into the feed rod bracket. Case feed is square, align a flat parallel to the carrier tongue. Do not place any lubricant on the case feed rod.

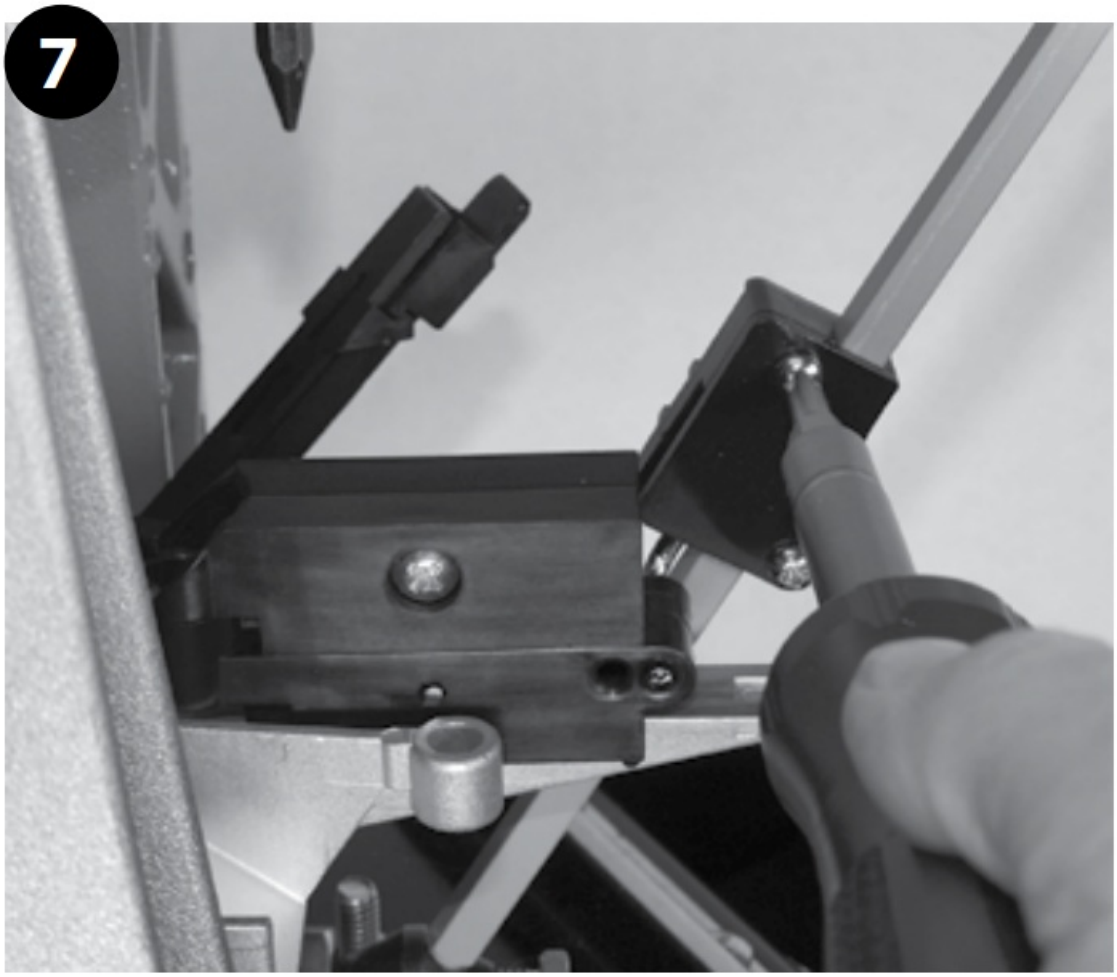


Tighten the bolt holding the case feed rod in the feed bracket using 7/16” wrench. Verify there is 5/16” clearance (about the thickness of a pencil) between the carrier tongue and the square case feed.



Cycle the press to be sure of free motion of the case slider. At the upper most ram travel, place a case in front of the case slider, and cycle the lever.

Tighten top screw of the crank slider. If you manually slide the case slide in and out, you will feel how much tension is on the bottom screw. Tighten the bottom screw to increase the push on the case.



DRY RUN (NO PRIMERS, POWDER OR BULLETS)

Cycle the lever up and down a few times to get the feel of your machine.

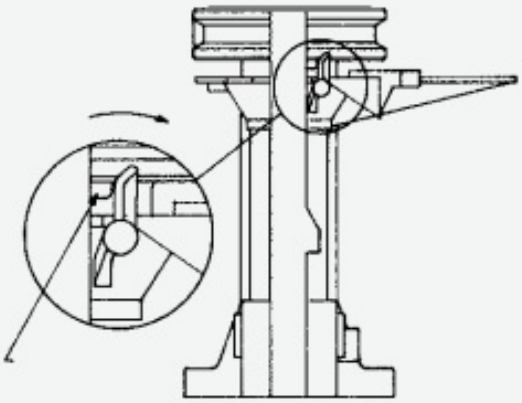
We suggest a slow to moderate lever speed. As the ram starts up, the caseslider should move in and flipper will be turned slightly to the left at the mid-stroke and back again at the very top of the stroke. See [FIG. 1].

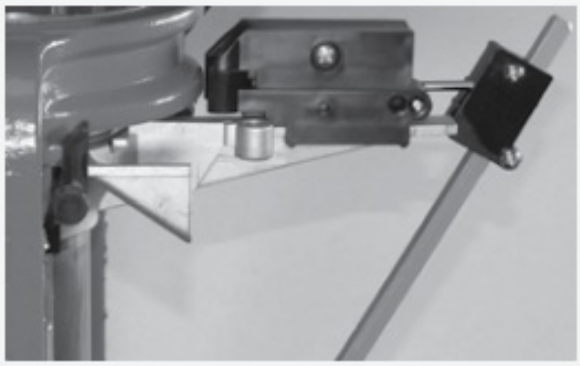
When you operate the lever, you must make complete strokes, stop to stop. Failure to complete the up stroke can cause index flipper to put in a “half-cocked” position at mid-stroke and cause press to bind. Continued pressure may damage the ejector pawl. If you short stroke the press, pay attention to the indexer as it pulls out of the carrier at the mid-stroke position. If you feel it bind — STOP — and pull the indexer out manually to the edge of the frame before completing the down stroke.

About halfway down, the indexer will be pulled toward you by a raised rib and moved to the right by the sloping projection on the frame. See [FIG. 2 AND FIG. 3].

Near the bottom of the stroke, the lever will push against the indexer and smoothly rotate the shell plate.

FIG. 1





ROTATION CAM

FIG. 2

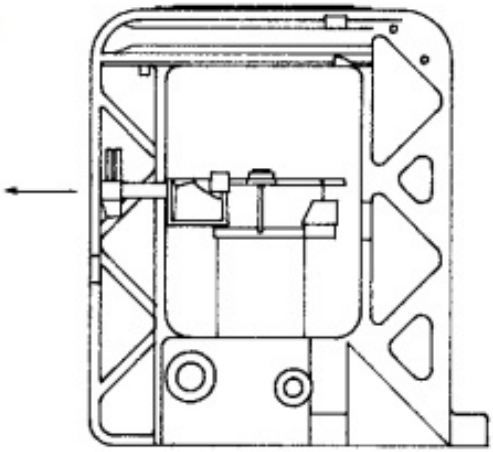
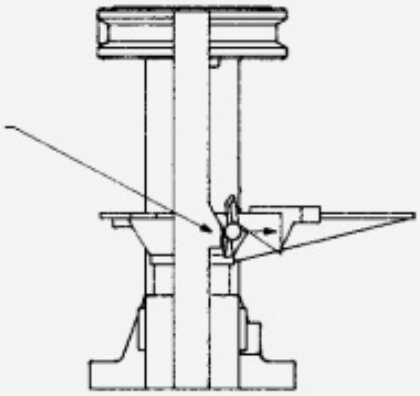


FIG. 3

KICK-
OVER
RAMP



Set case retainers video on [leeprecision.com]

One Last Step! Very Important! Set case retainers.

Place a case in front of the case slider and raise lever to insertcase into shell plate. The case retainers are designed to swing out so you can easily remove a case from any position. They must be set so that they hold the case fully into the shell plate.

Place a single case in the shell plate and forcefully push the caseretainers with a flat bladed screwdriver against the case rim at all four stations. NO NEED TO LOOSEN RETAINER SCREWS.

The case retainers precisely position the case so that it will be centered to enter the dies and most important to center over the new primer in the second station.

TURRET POSITIONS

Position 1

Sizing Die Depriming station

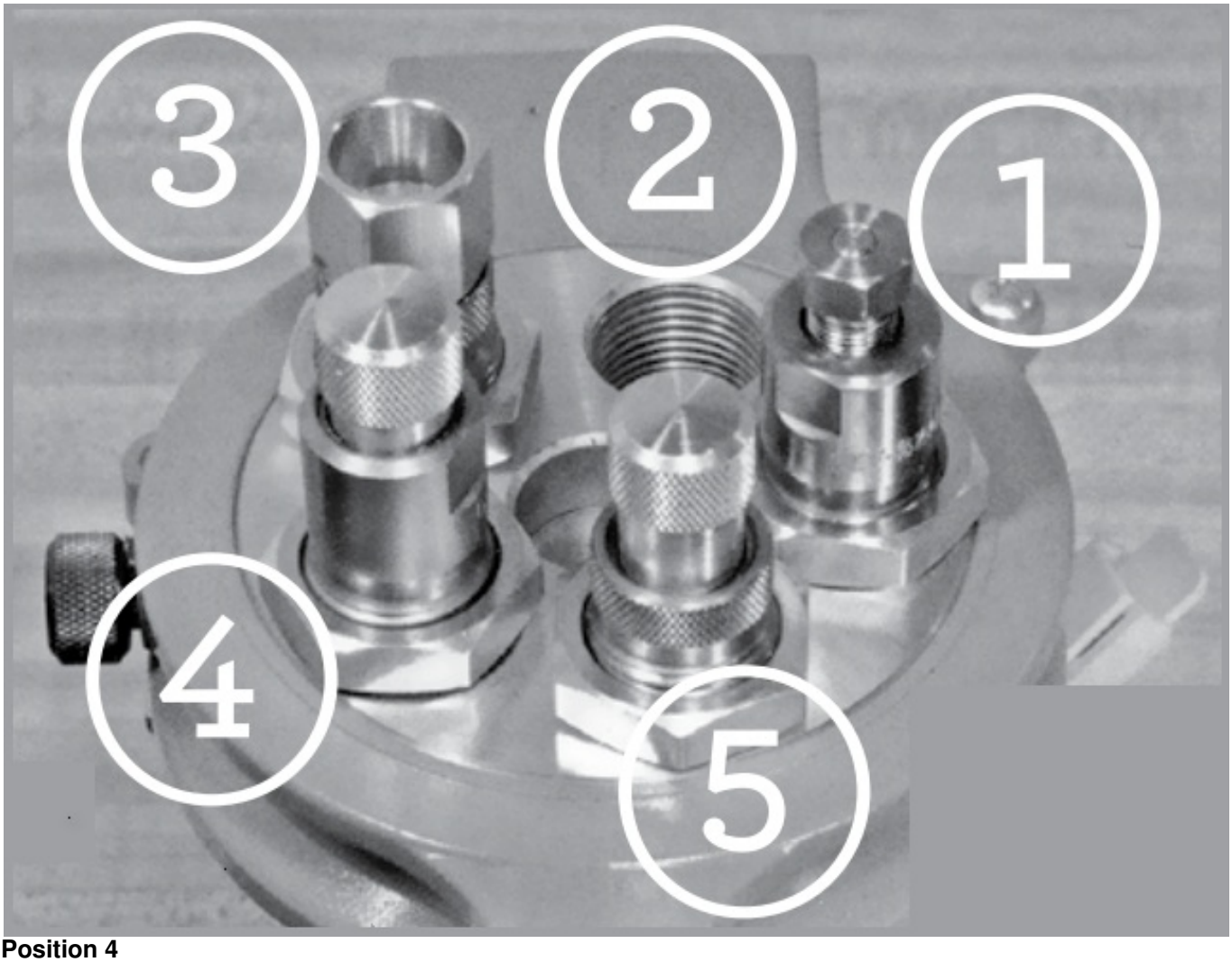
Position 2

OPTIONAL a carbide sizing die with the decapper removed or if you are working with 223 Rem (quick trim die) can be placed at this station. This will provide excellent alignment of the case for priming. Be sure to install a Lee Universal Decapping Die in station # 1 or use a larger caliber die to de-prime.

Position 3

Powder Charing Die

Handgun powder through expanding die or rifle charging die can be used as this station.



Position 4

Bullet Seating Die

Position 5

Handgun Carbide Factory Crimp Die or Rifle Factory Crimp Die

INSTALL AUTO-DRUM TO HANDGUN POWDER THROUGH EXPANDING DIE OR RIFLE CHARGING DIE

Consult your powder measure instructions and reloading die instructions for setting the charge on your Auto-Drum instructions pg. 2

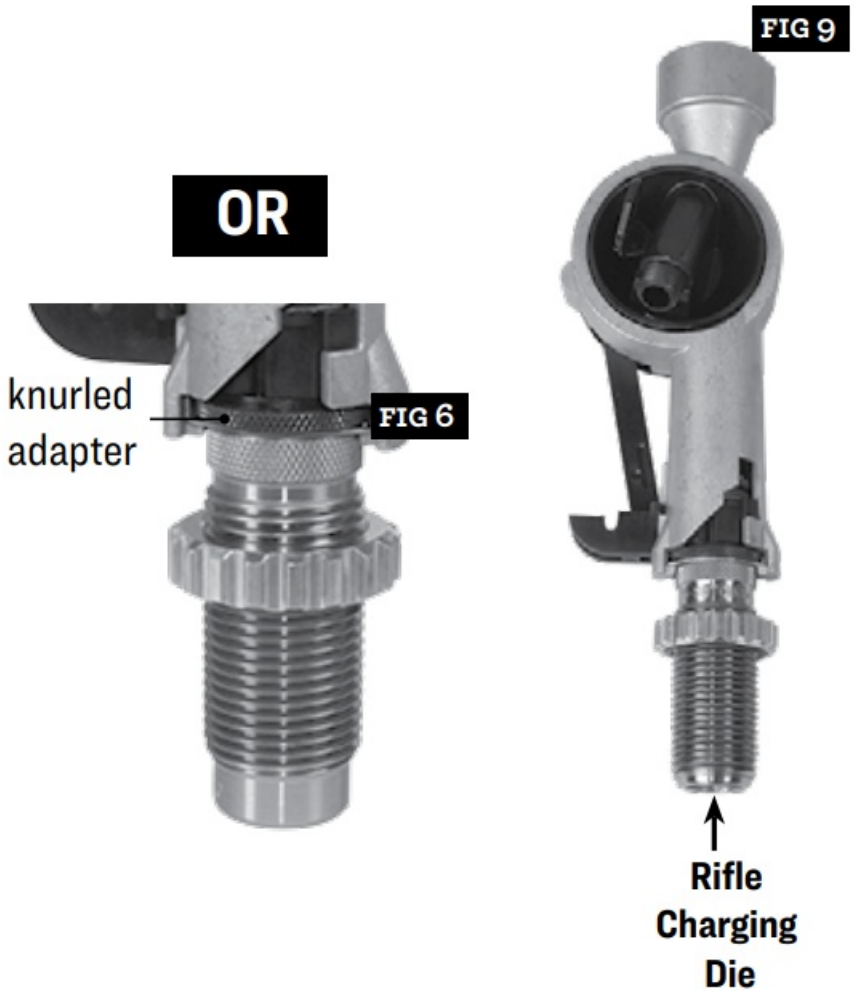
FIG 5

Powder Through
Expanding Die

Handgun Powder Through Expanding die (position # 3)

[FIG 5] Spin the lock-ring up to the top of the powder through expanding die. Install powder measure into die, [FIG 6] tighten knurled adapter. Insert a case into the shell plate position # 3 and align the shell with turret position # 3. Raise the case into the power through expanding die to flare the case mouth. Lower the shell plate carrier enough so that you can check the amount of flare. [FIG 7] Use your bullet as a gauge. Flare enough so that the bullet easily starts into the case. Flare is increased by turning the die clockwise (closer to the shell plate).

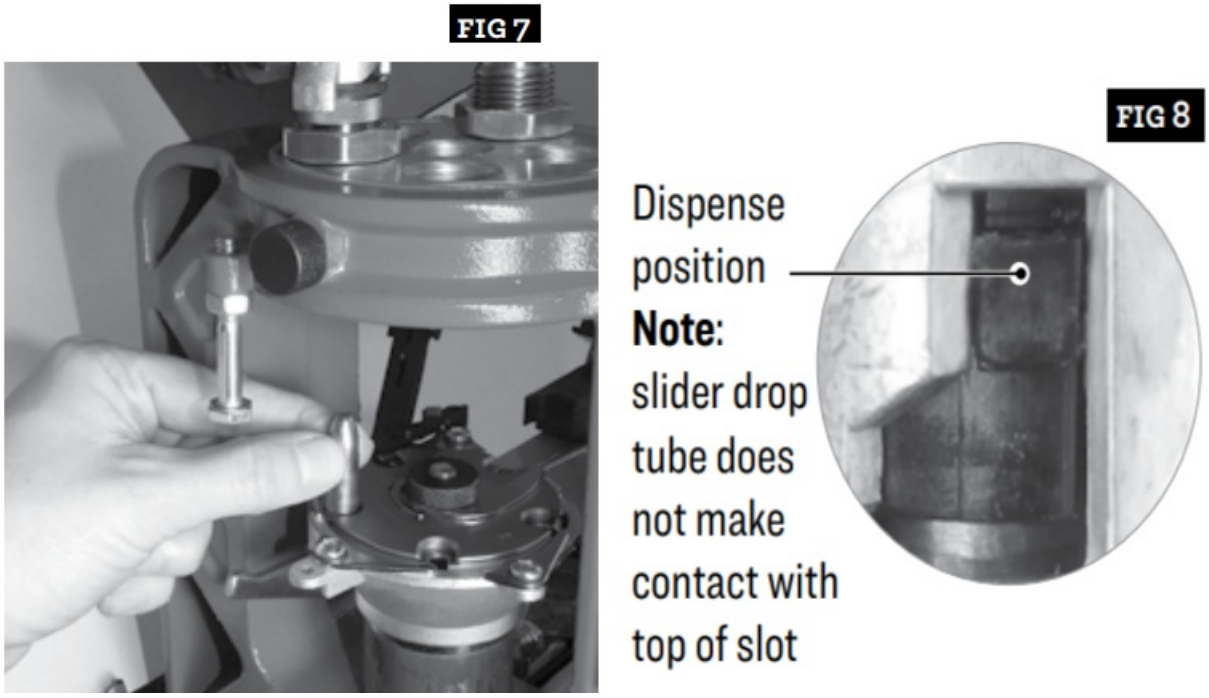
Continue short cycling the press lever until you've achieved the desired flare, finger tighten the die lockring. When the case mouth pushes against the drop tube inside the plug inside the expanding die, the powder measure spring is compressed, [FIG 8] slider drop tube rises and activates the powder measure.



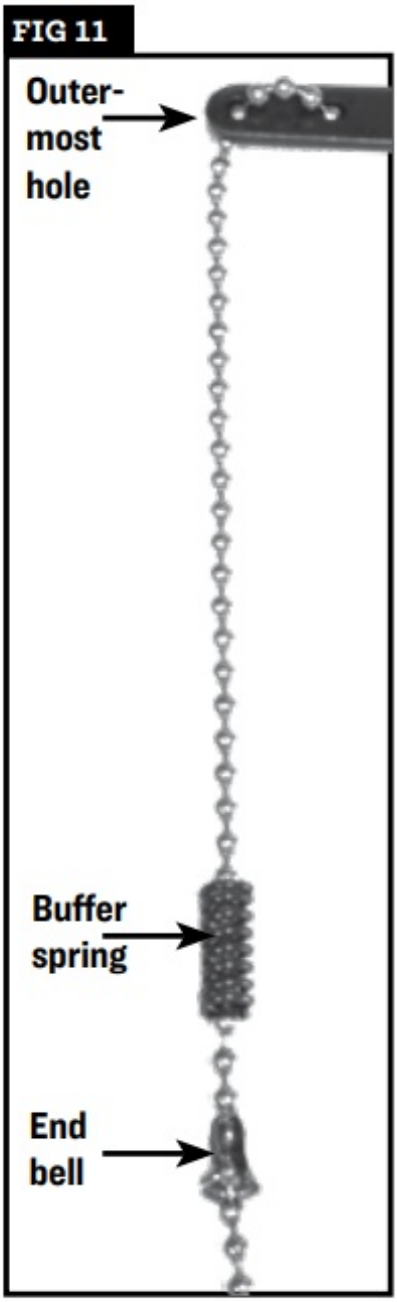
Rifle Charging Die (position # 3)

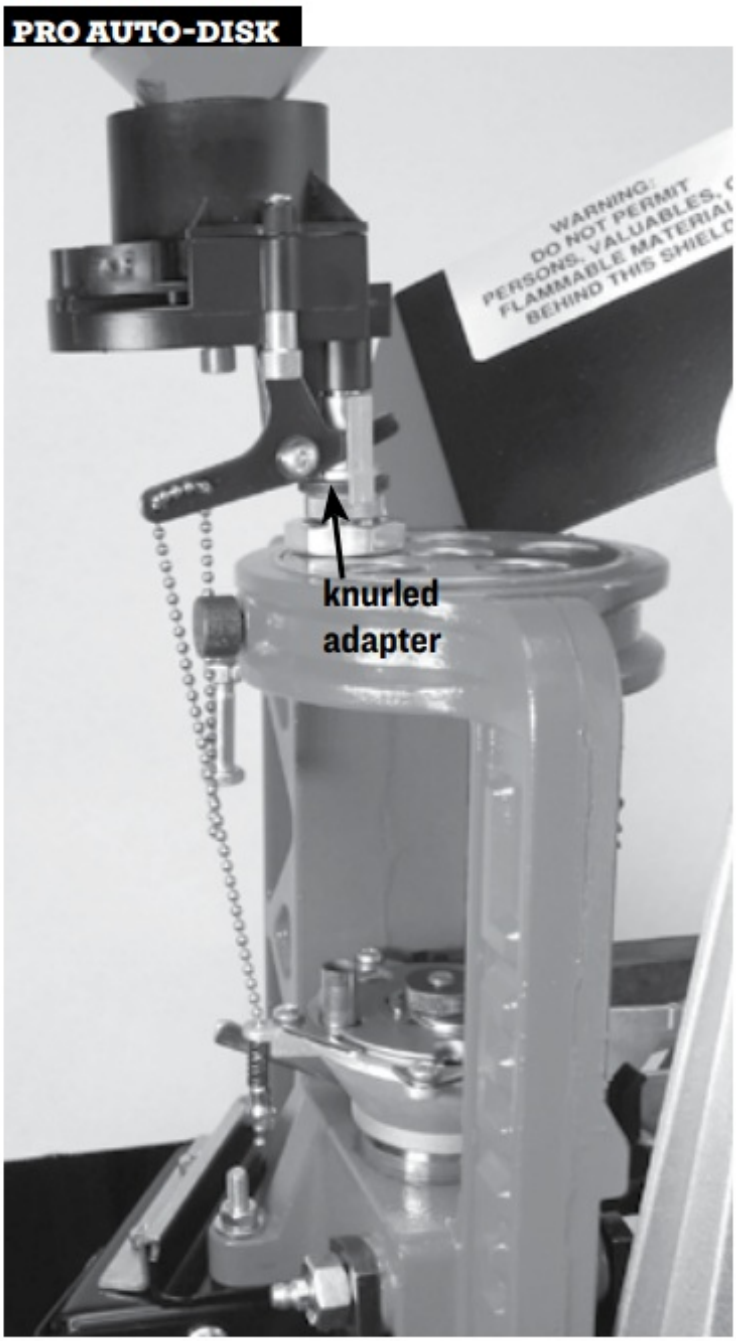
[FIG 9] Spin the lock-ring up to the top of the rifle short charging die. [FIG 6] Thread charging die on to Auto-Drum knurled adapter completely. Install assembly two full turns into the turret in position # 3.

Insert a case into position # 3. Lower press lever (shell plate carrier up). Screw the powder measure assembly into the press until the case completely actuates the powder measure. [FIG 8] Slider drop tube rises and activates the powder measure.



INSTALL PRO-AUTO DISK TO HANDGUN POWDER THROUGH EXPANDING DIE





Screw the Powder Through Expanding Die into position # 3 until it touches the shell plate, then back out one full turn. Insert Pro-Auto Disk drop tube portion into the top of the powder die. Orientate the measure so the pull back lever aligns with the shell plate carrier hole, then tighten the knurled adapter. [FIG 11] Attach end bell 5 beads from the end of the chain. Place the buffer spring on top of the end bell. Feed the chain through the hole on the shell plate carrier. With the shell plate carrier in the down position,
thread the chain through the outer-most hole in the Pro Auto-Disk actuator lever. Raise the shell plate carrier slightly and pass one additional bead through the hole. Lower shell plate carrier, the chain should be taut. Pass the remaining chain through the inner most hole of the Pro Auto-Disk actuator lever. The case will actuate the powder measure and the bead chain will return the powder measure for the next charge. View Pro Auto-Disk instructions for setting selecting the appropriate disk cavity.
Install Pro Auto-Disk video on **leeprecision.com**
Consult your powder measure instructions and reloading die instructions for setting the charge on your Pro Auto-Disk Powder Measure.

INSTALL CARTRIDGE SIZING DIE OR UNIVERSAL DECAPPING DIE (position # 1)

Lower the press lever (shell plate carrier up). Screw the full length sizer in to position # 1 until it touches the shell plate, raise the lever and screw in an additional ¼ turn (maximum). Tighten the lock-ring finger tight.
OPTIONAL CARTRIDGE SIZING DIE WITH DECAPPER REMOVED or QUICK TRIM DIE (position # 2)

This provides excellent alignment of the case for priming.

CARTRIDGE SIZING DIE WITH DECAPPER REMOVED

Lower the press lever (shell plate carrier up). With the decapper clamp and decapper removed, screw the full length sizer in to position # 2 until it touches the shell plate, lower the shell plate carrier, screw the die in an additional ¼ turn. Raise the shell plate carrier and tighten the lock ring finger tight.

223 REM PRESS OWNERS QUICK

TRIM DIE product # 90179

Spin lock ring to end thread. Raise the ram to the top of its stroke and screw die into position # 2 until it touches the shell plate. Finger tighten lock ring.

BULLET SEATING DIE (position # 4)

Spin the lock-ring up to the top of the die and unscrew the adjusting screw out five full turns. Place a loaded round that you wish to duplicate in turret position # 4.

[FIG 11] Raise the shell plate carrier to the top of its stroke and hold (shell plate carrier up). Screw the bullet seating die in until it stops turning, lower the shell plate carrier slightly, thread die in an additional 1/8 turn. Finger tighten the lock ring. Now raise the shell plate carrier to the top of its stroke, screw the bullet seating adjusting screw in until you feel it touch the tip of the bullet.

***OPTIONAL* FACTORY CRIMP DIE**
(position # 5)

Screw the Lee Factory Crimp™ die in to touch the shell plate. Raise the handle (lower the shell plate carrier), screw the die in an additional ½ turn.
The Lee Factory Crimp™ die does not seat the bullet — it should be seated with the bullet seating die.
Fill the primer feed tray. View help video here for loading primers into tray: **leeprecision.com/load-master-help-videos.html**
Don't let the primer level fall below the tray level. Running out of primers will cause a mess inside your shell plate carrier. Once the last primer has exited the folding tray, replenish the primer supply, else you will load cases without primers.

⚠ **DANGER:**
Use only CCI™ or Remington™ brand primers. Other brands, espec ially Federal™, can explode with sufficient force to seriously injure the user or persons nearby.
ALL PRIMERS ARE DANGEROUS and it should be anticipated that the primers in the tray could explode through accident, misuse or spontaneously. Should an explosion
occur, our tests have demonstrated that safety glasses will normally prevent serious injury to the user if CCI™ or Remington™ primers are used, because the explosion is minimal. Other primers, however, can explode with sufficient force to seriously injure the user, or persons nearby. We do not take any position with respect to the quality of performance of primers available on the market. However, ONLY those primers manufactured by CCI™ or Remington™ are recommended for use in the Load-Masterand when loading those primers—safety glasses and hearing protection must be used. If you use other brands, you must have the Explosion Shield installed (see step # 2). Other brands like Federal™, can explode with sufficient force to seriously injure the user or persons nearby.

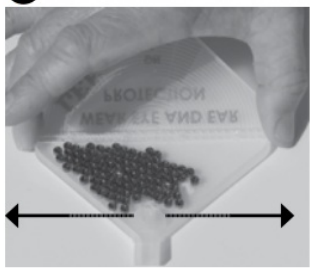
A

Slide the flow control to **OPEN**.

B

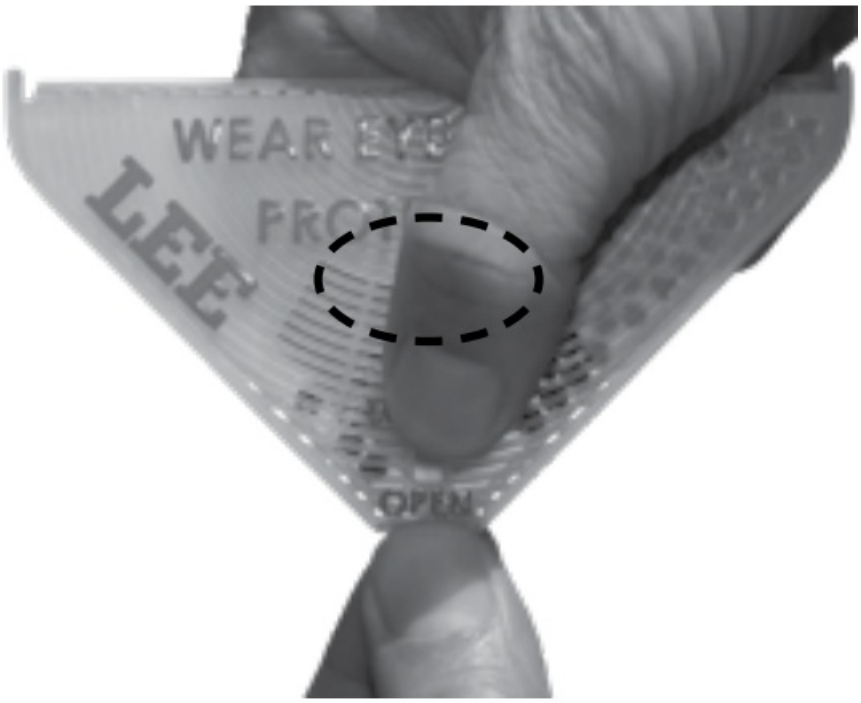
Randomly deposit primers.

C



Lift tray so output spout touches table, shake tray side to side to upright all the primers. Allow cover to naturally fold up, notice how the primers glide across hinge upright themselves and work their way towards the outlet.

D

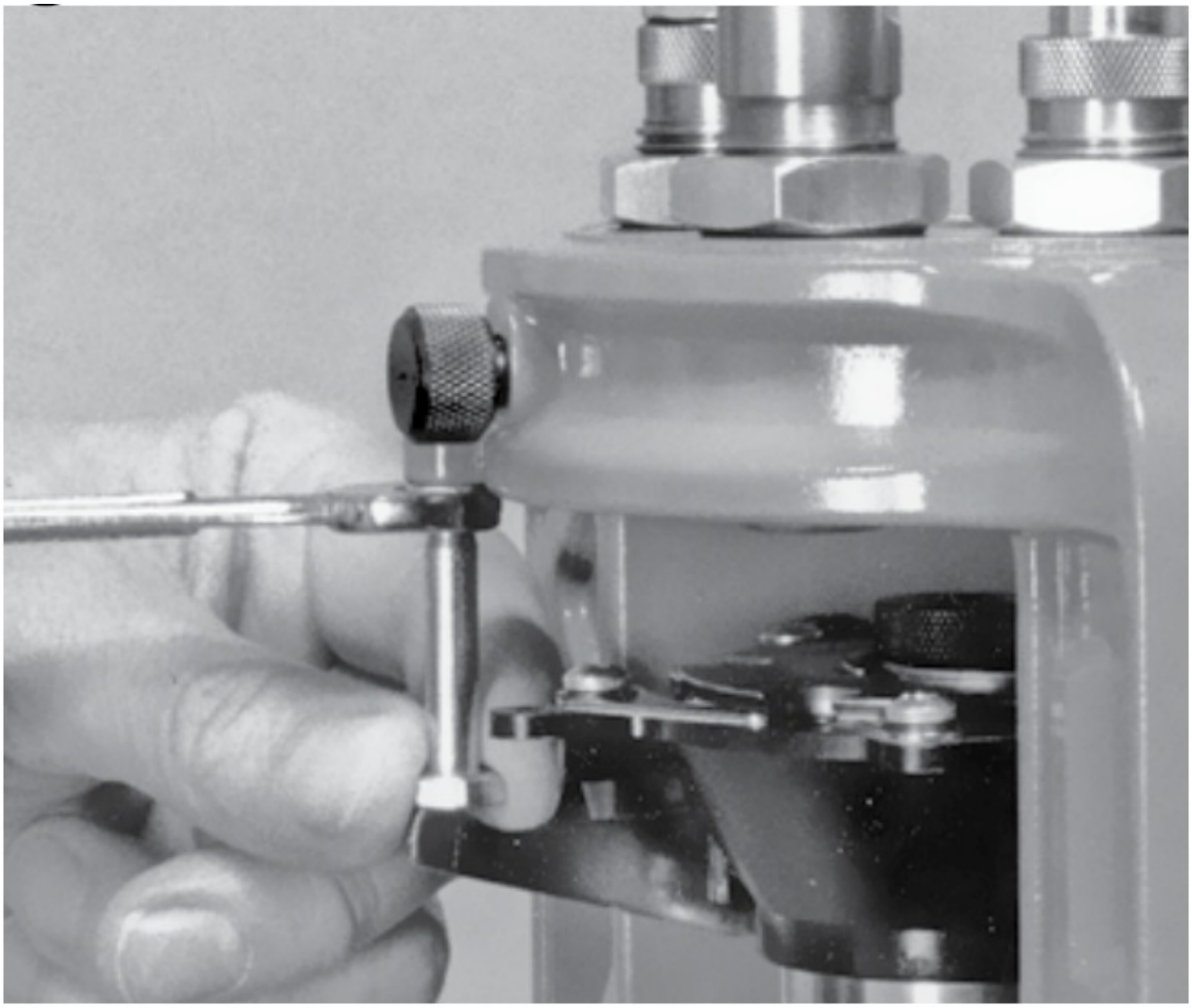


Fold cover over, slide the flow control to LOCK position, feel for the detent. Grasp the top and bottom of the flow control valve using your thumb and index finger above and below tray. **NOTE:** make sure it is in the LOCK detent position, else primers may spill.

E

Slide the tray into the trough. Slide the flow control to the ON position. Tap the side of the tray several times to fill the trough.

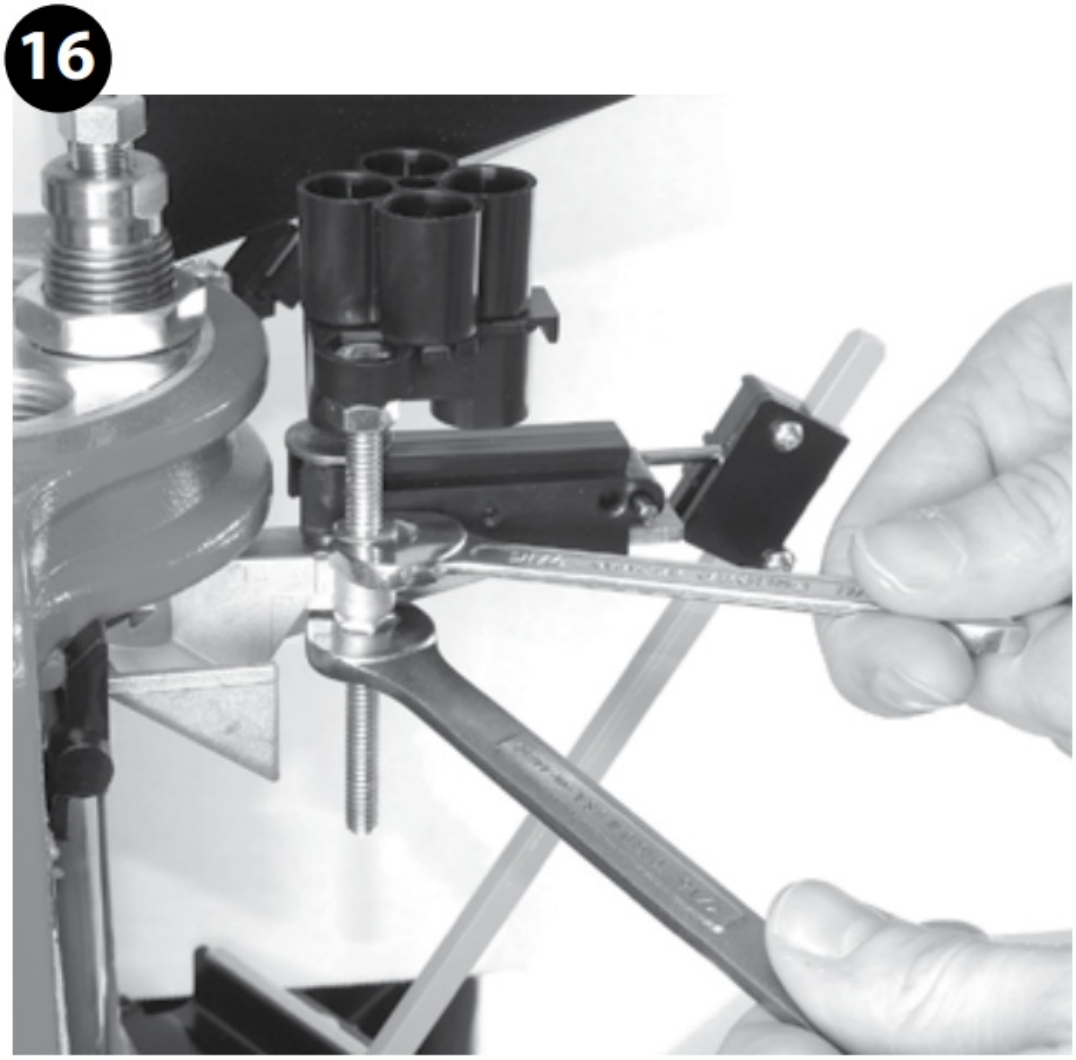
Before making an adjustment, be sure none of the dies are seated too deeply in the press.



Set Primer Seating Depth

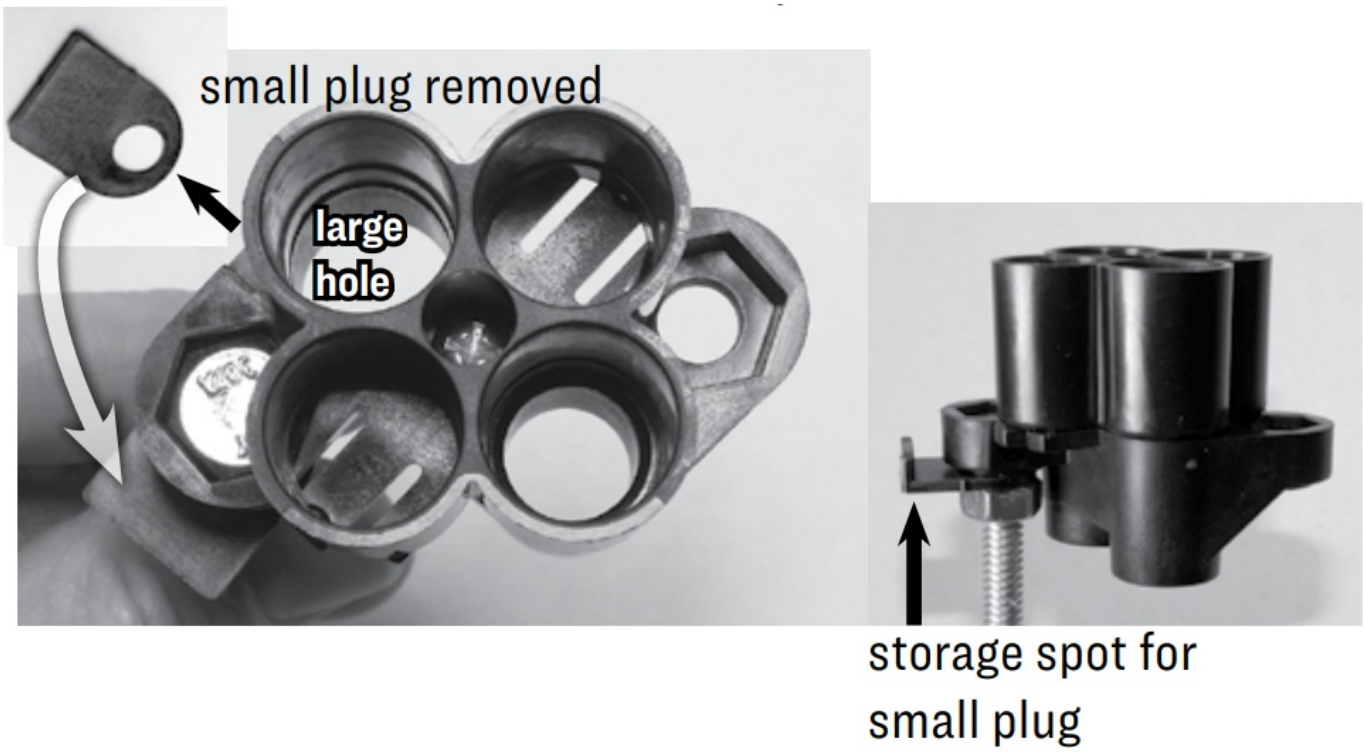
The ¼-20 bolt that bears against the primer rocker arm may require some fine adjusting to seat primers to your

liking. Make very small adjustments and test after each. There is sufficient spring in the linkage to accommodate slight differences in cases. First, make sure that the press is stopping on the stop built into the handle, not on one of the dies. Next, place a fired case with the spent primer still in it in station # 2.
Loosen the lock nut with 7/16” wrench on the primer seating depth adjuster, and turn the adjuster up until you run out of threads. Now raise the ram to the top of its stroke with the fired case in station #2. Holding the ram up with one hand, turn the primer seating depth adjuster down until you feel resistance. This will be when the primer seating pin contacts the spent primer in the case previously inserted into station #2.
Lower the ram, and turn the primer seating depth adjuster down ⅙ – ⅓ more (one to two flats on the bolt head), and tighten the lock nut.



Install Feed Plate
Before attaching the 4 tube case feeder, place an empty case in front of the case slider. Process 50 to 100 cases until you have the feel of the entire reloading sequence. Be sure to measure your completed ammunition to verify it is the correct overall length and it will chamber in your firearm.
SEE IMAGES on page 7 TO SET UP YOUR PLATE, cartridge reference chart available on page 10. Raise the shell plate carrier to the top of the stroke. Insert case in front of slider. Place a coin on top of the case mouth. Slide the feed plate assembly into the carrier hole, and adjust the top nut so that the bottom of the feed plate assembly rests on top of the coin. Tighten the bottom nut so that the feed plate assembly just clears the front face of the frame using a 7/16” wrench. Refer to the back page of these instructions to insure the proper slider and cylinder and plate are used for the cartridge you are reloading. Slip the four tubes into the case feeder and fill them with cases. Fill tubes in seconds with optional case collator # 90667. >> CONTINUED ON TOP OF PAGE
Assembled as a SMALL feed plate

Assembled as a LARGE feed plate



TROUBLESHOOTING

PROBLEM	CAUSE	REMEDY
	Lever not lowered t o full down stop	Actuate lever to FULL DOWN position.

Primers not fully se ated	Die set too deeply t o press	Adjust dies to insure carrier can travel to FULL UP position
	Primer rocker arm b olt not properly adju sted	See procedure # 15 “Set Primer Seating Depth”
Tipped primer  Remove powder or debris from shelf	Case retainer out of adjustment	See procedure # 8, last paragraph for adjustment instructions.
	Cases not aligned well due to out of tol erance or damaged rim	Install sizing die without decapper in priming station for better align ment. See Changing Dies, Station # 2.
	Dirt or gun powder i n shell holder groov es	Scrape shell holder grooves with paper clip. Use compressed air to remove debris.
	Tumbling media on primer post or in pri mer feed	Remove and clean primer feed. Do not process cases with tumblin g media lodged in primer flash hole.
Primer does not fee d on to primer punc h	Oil in trough	Clean oil from trough
	Primer trough not fu ll	Keep primer trough full
Shell plate fails to i ndex	Damaged case ejec tor pawl	Straighten prowl to prevent excessive clockwise movement of shell plate 
	Carrier out of adjust ment	See adjustment procedure on page 9 “Carrier Alignment”
	Indexer improperly i nstalled	See adjustment procedure on page 9 “Changing the Shell Plate, st ep C”
Case collides with t he case in the shell plate	Adjust the feed rod bracket	Loosen bolt holding the case feed rod with 7/16″ wrench. Remove t he case feed rod. Loosen nut holding the feed rod bracket in place with a 11/16″ wrench. Turn the feed rod bracket counterclockwise f ull rotations at a time to set the feed rod bracket further away from t he press. Once the feed rod bracket is positioned to assure free m otion of the case slider, use a 11/16″ wrench to tighten the nut holdi ng the feed rod bracket in place. Be sure there is 5/16″ clearance (t hickness of a pencil) between the carrier tongue and the square ca se feed rod as you tighten the feed bracket nut.

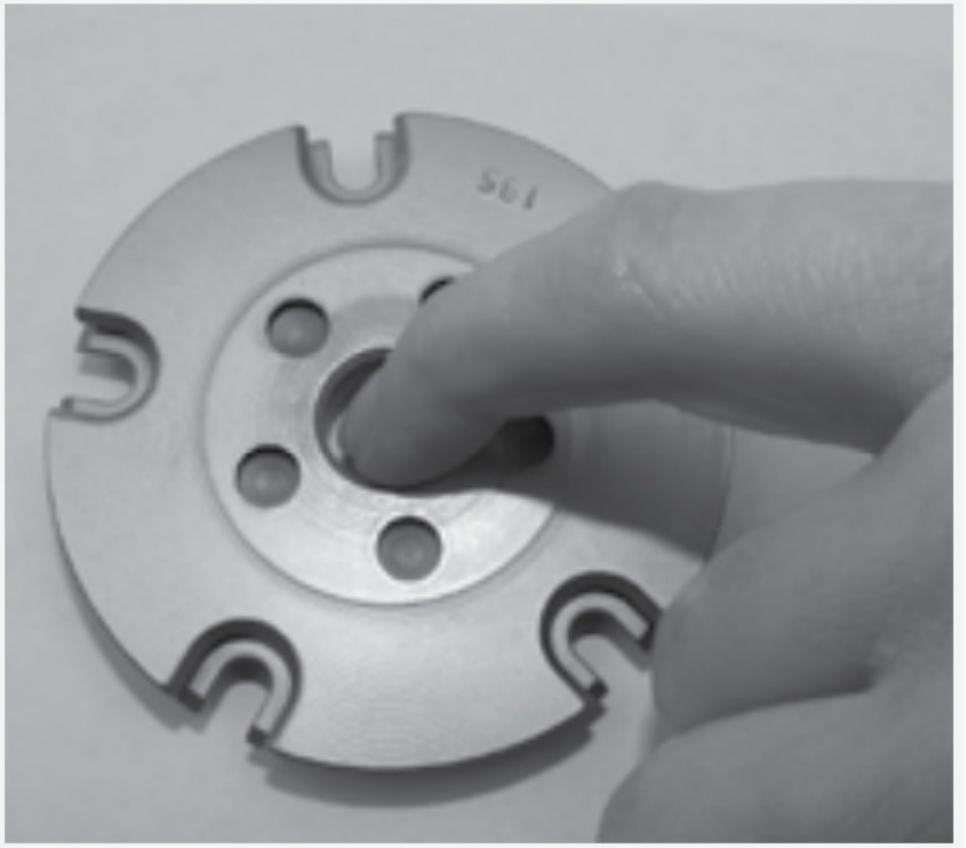
LUBRICATE PRESS

After every use, oil the outer diameter of the ram. Raise theram to the top of its stroke, and apply STP® motor oil treatment or equivalent. DO NOT USE WD-40® or dry
lubricants.

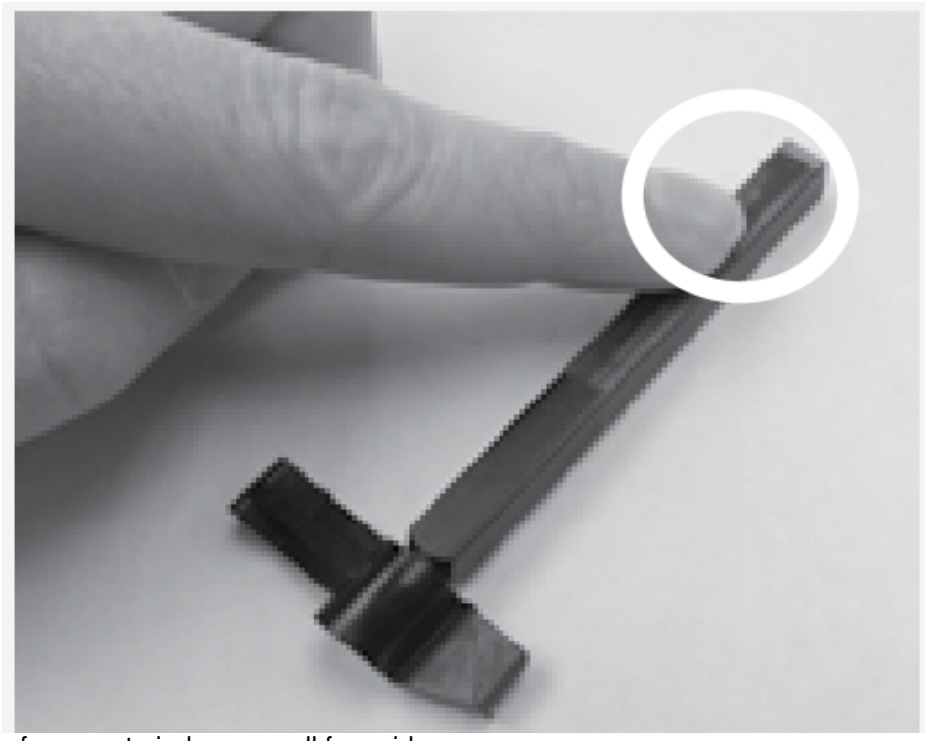
After 3000 rounds, or if press has sat idle, it should be re-lubricated.

Use any automotive grease in 3 fittings on left-side of the press, and the 1 fitting on the right-side of the press.

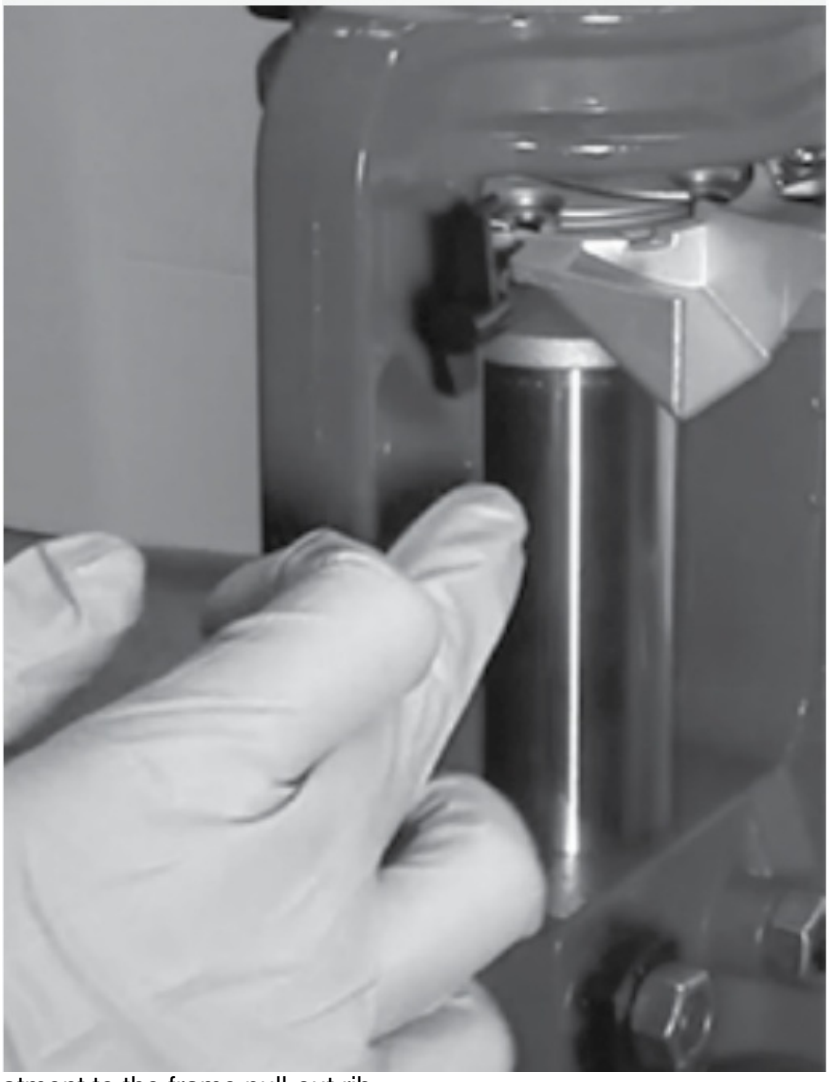
Place a small amount of grease on the primer rocker arm where it contacts the bolthead.



Place a tiny amount of grease inside center hole of the shell plate. This will greatly extend the life of the carrier and make it work smooth as silk.

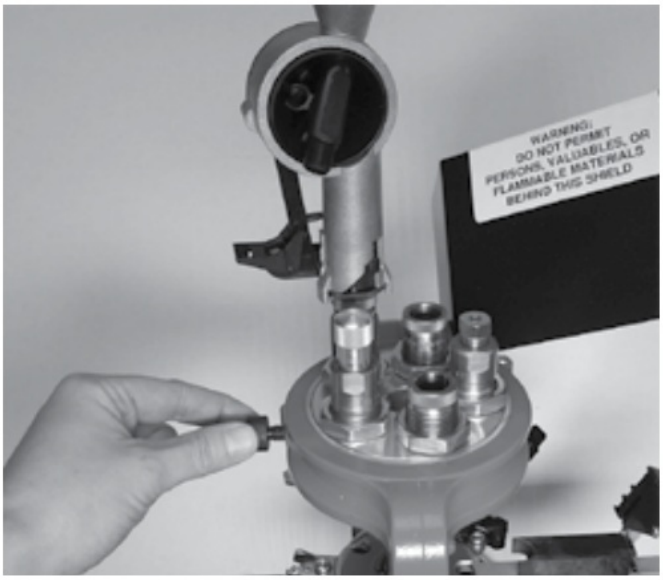


Apply tiny amount of grease to indexer on all four sides.



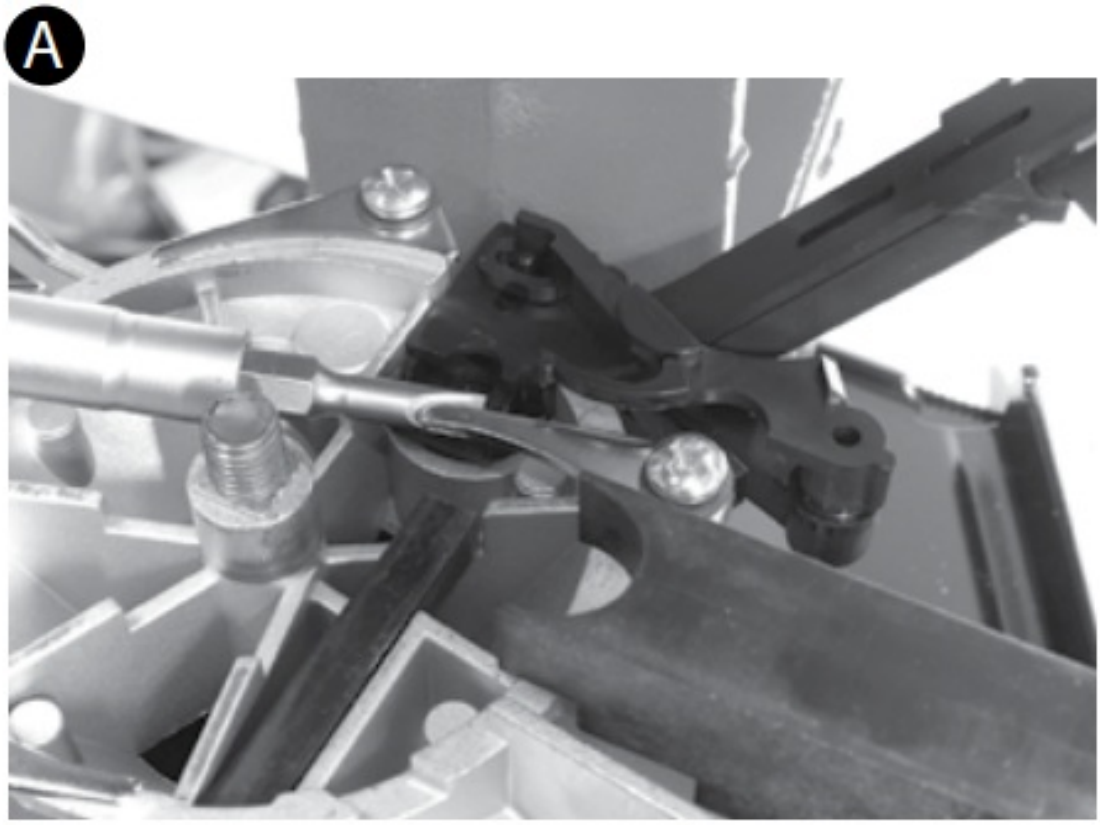
Apply STP® motor treatment to the frame pull-out rib.

CHANGING THE TURRET AND CHANGING CARTRIDGES



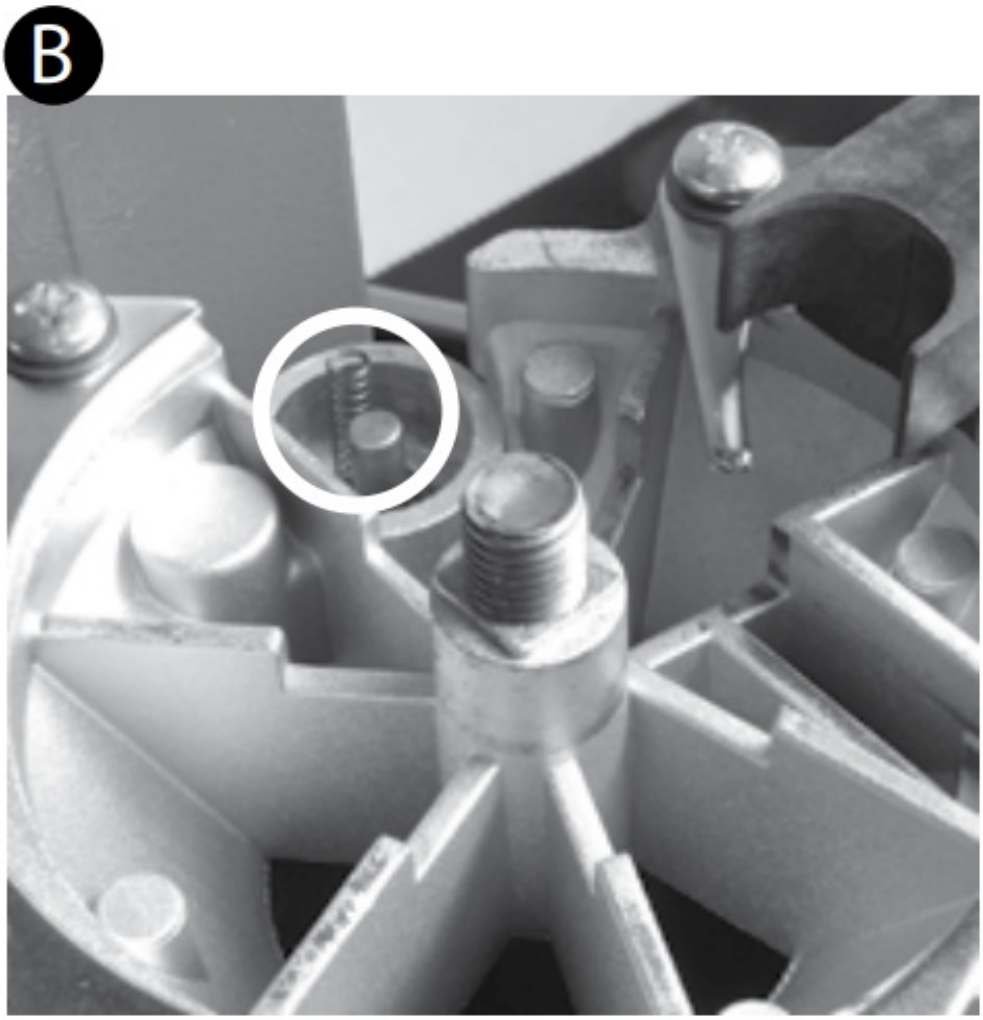
- Changing cartridges is quick and easy with the removable turret. It is precisely aligned with the knurled lock screw on the left of the press. Loosen the screw so the turret can be rotated about 3/8” and lifted out. When replacing, make certain the lock screw engages the groove in the turret.
- Fastest way to change dies is to have them installed in their own turret. It then becomes very fast and easy to replace the entire turret.
- Consult the back page of this instruction sheet for guidance on what parts are required for changeover.

CHANGING THE PRIMING PIN AND PRIMER FEEDER

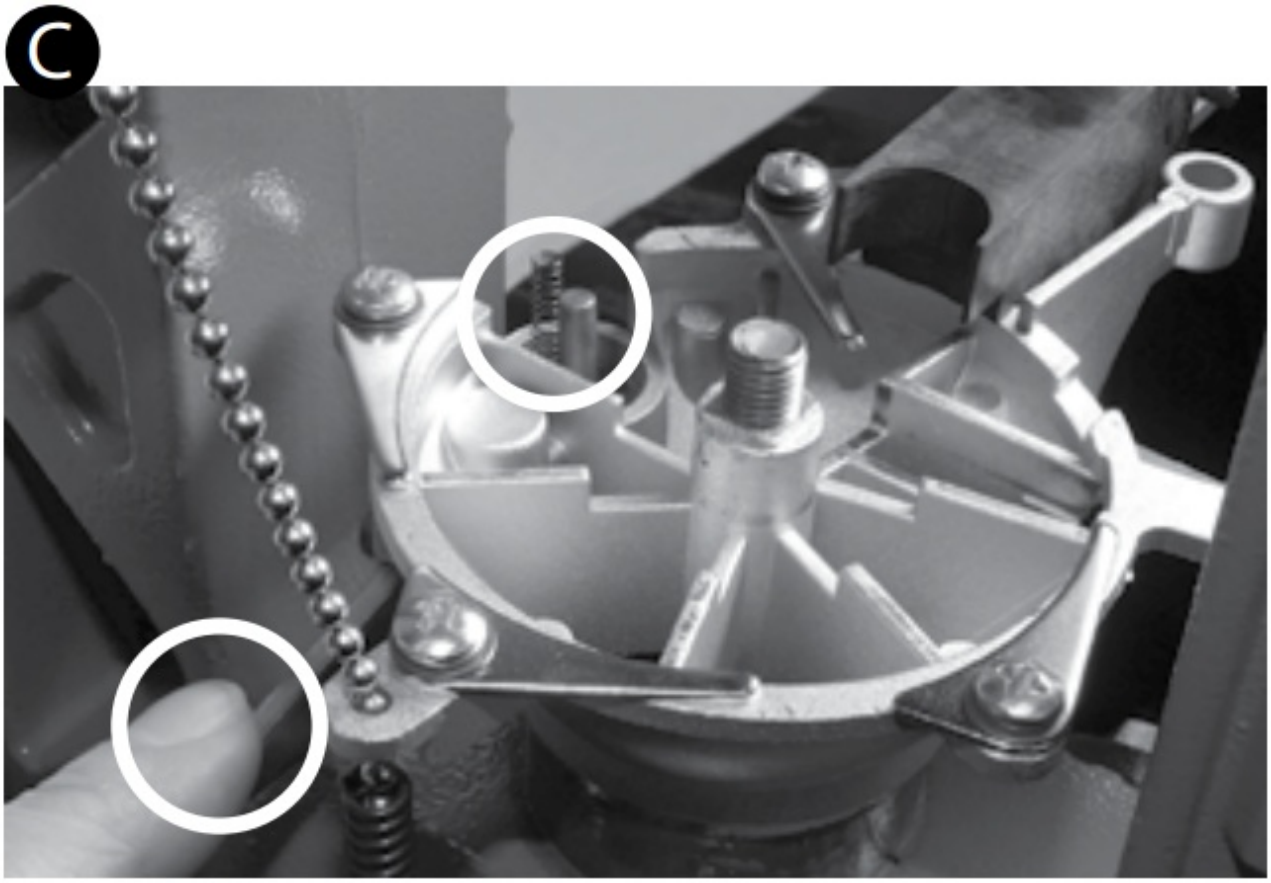


Remove the knurled shell plate nut, case ejector, indexer rod and shell plate. Forcefully push case retainer out of

the way with a flat blade screwdriver. Swing the case retainer out of the way using a flat blade screw driver, NO NEED TO LOOSEN RETAINER SCREWS.



Lift off primer trough and remove primer punch and replace with the correct size primer punch and spring into the hexagon-shaped hole in the right rear of the carrier. Now is a good time to inspect the hexagon hole to be sure it is clean.



Push down on the left end of the priming rocker arm to be sure everything is working freely. The primer punch will be seen moving up as you push down on the primer rocker arm.

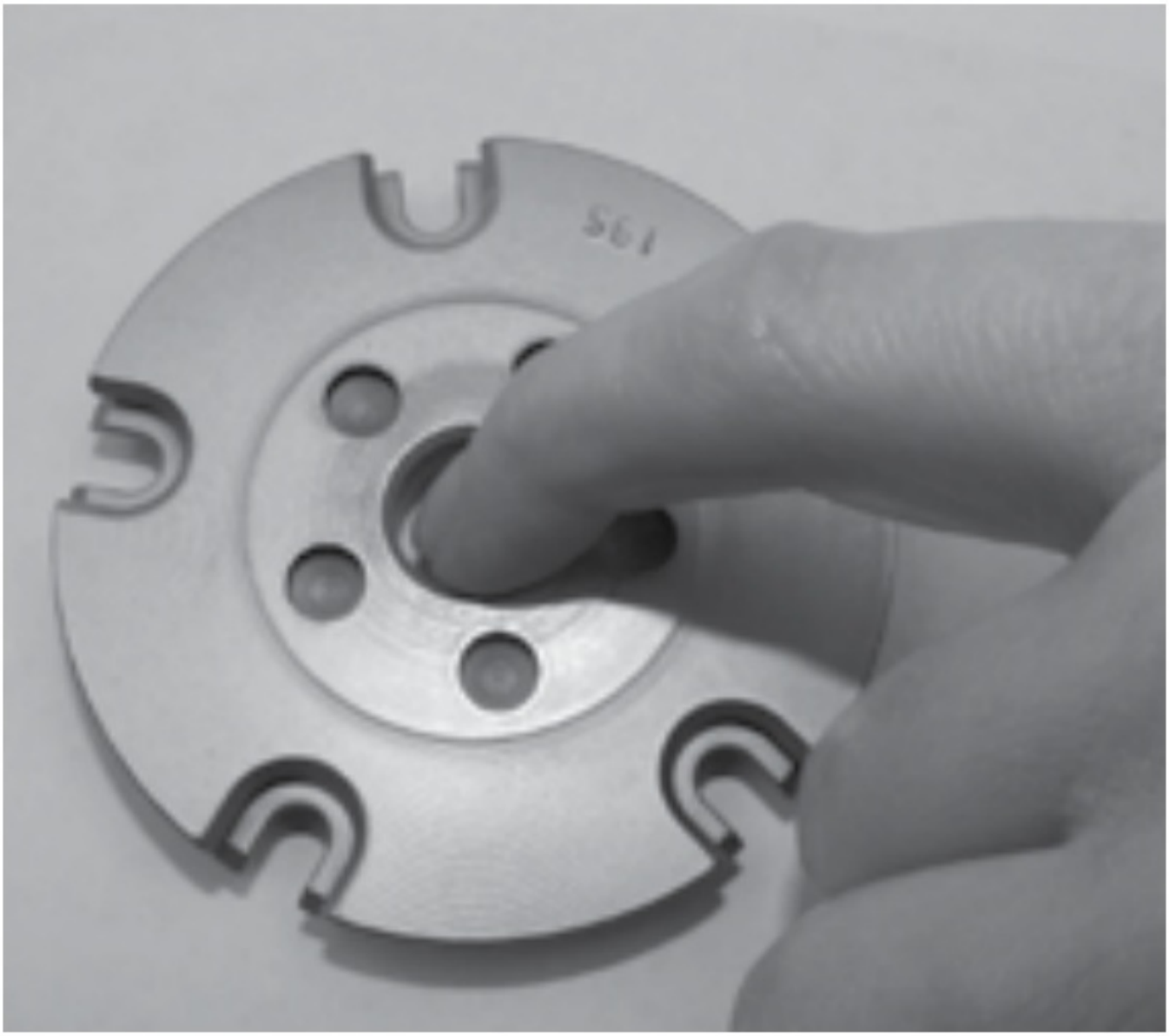
D

Slide the primer trough over the punch. Re-install the shell plate, knurled shell plate nut and o-ring. Swing case retainer back to its original position with flat blade screwdriver.

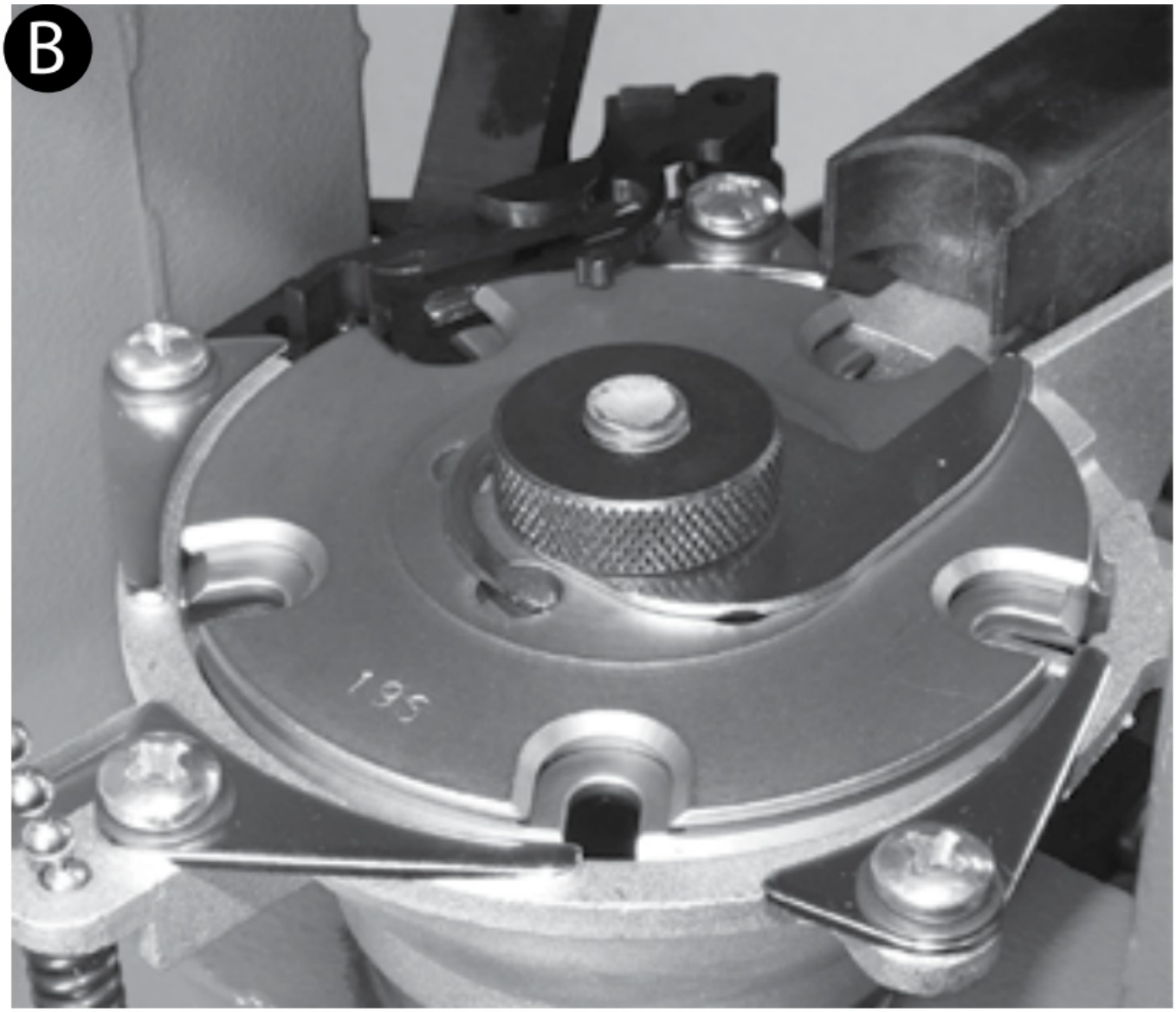
Install indexer into shell plate carrier. Cycle press lever up and down to verify operation. One Last Step! Very Important! Set case retainer. Place a single case in the shell plate and cycle completely around to re-set retainer.

CHANGING THE SHELL PLATE

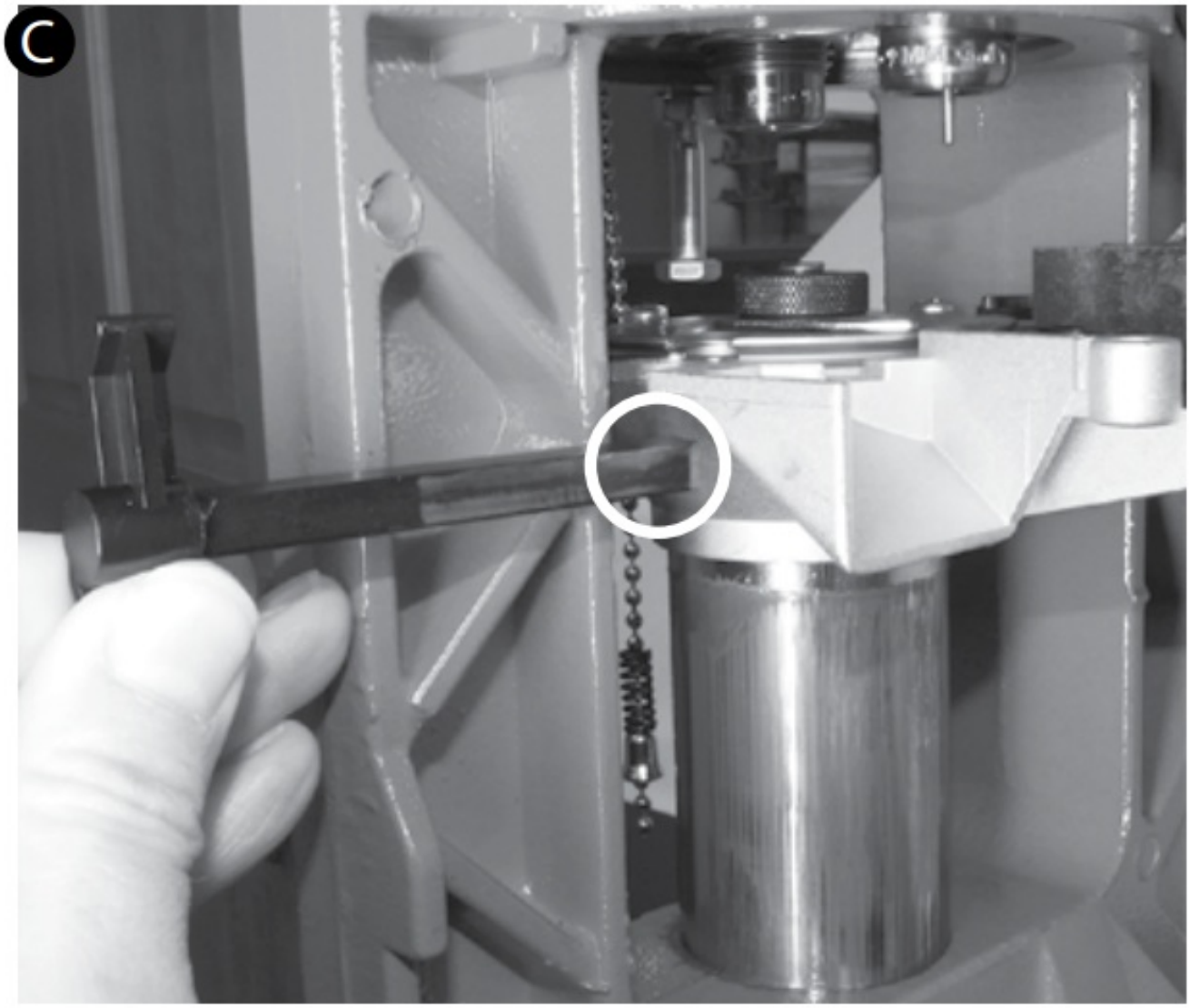
Remove knurled shell plate nut, case ejector and indexer. Select proper shell plate, and place a tiny amount of grease inside the center hole of the shell plate.



Slide shell plate on to carrier, underneath the primer lever.



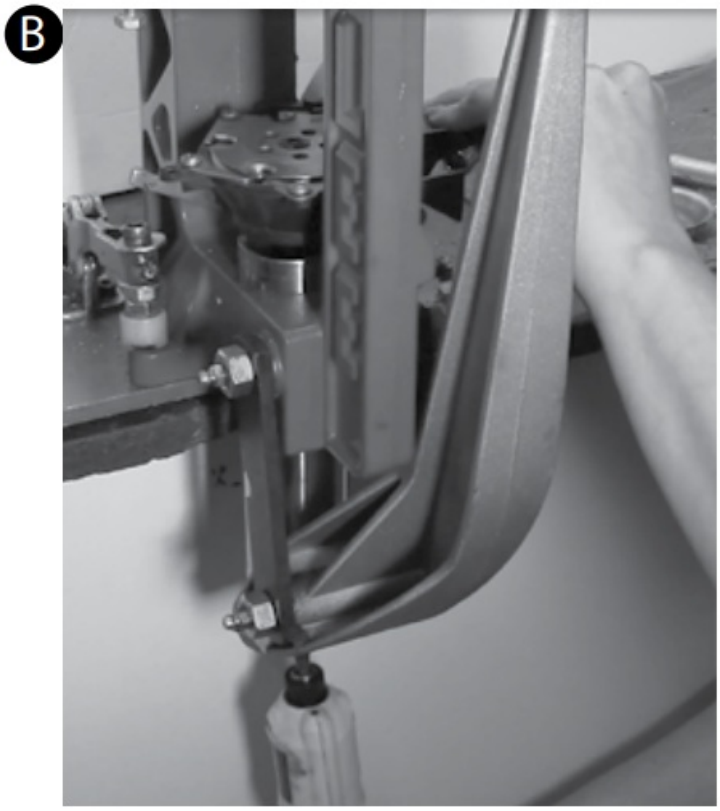
Place case ejector directly on top of the shell plate making sure square on top of center post is engaged and case ejector pointer is towards the chute on the right. Secure case ejector and shell plate with knurled shell plate nut. Be sure o-ring and groove is toward the shell plate.



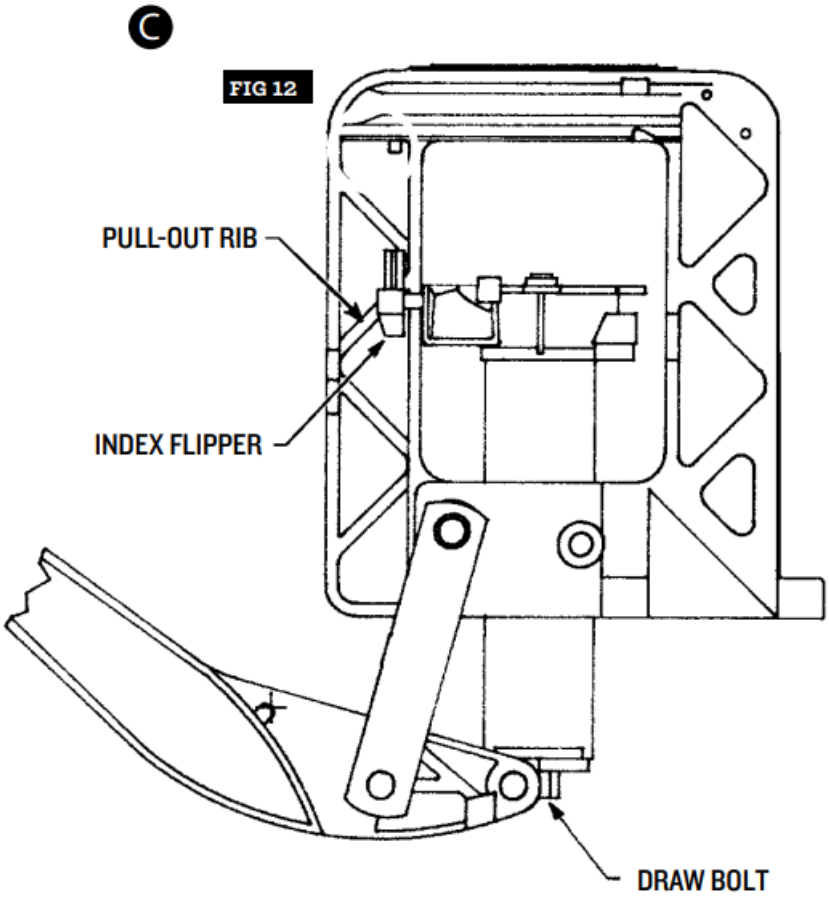
Install indexer with longer portion of flipper pointing upward and bevel side of indexer to your right.

CARRIER ALIGNMENT

Help video on **leeprecision.com**
A You will need a 7/16” socket or torque wrench and STP® Oil Treatment.

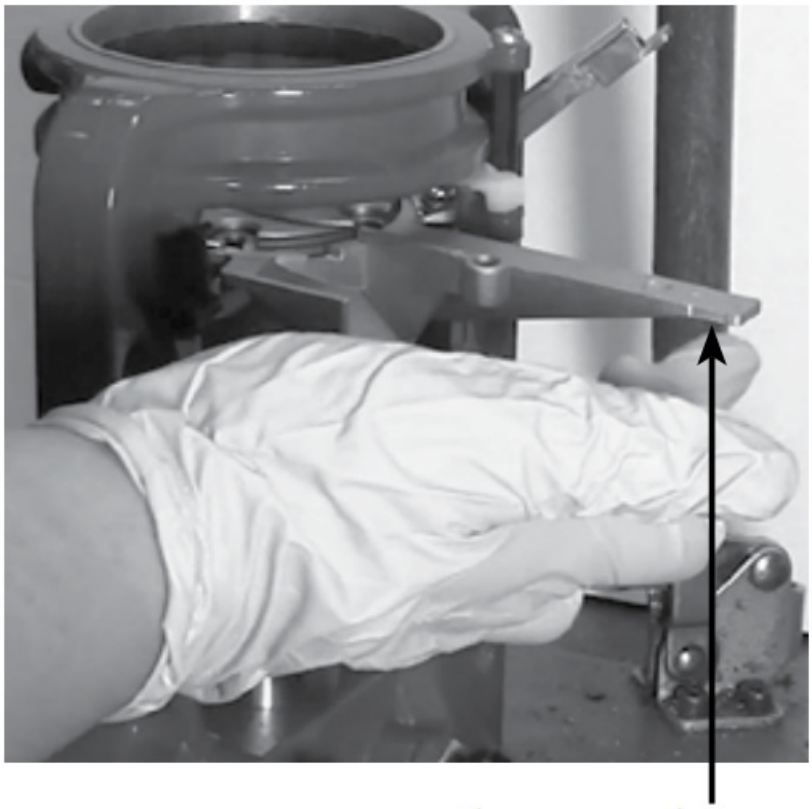


Hold carrier in one hand and loosen the draw bolt one turn with a7/16” socket or torque wrench. DO NOT TRY TO REMOVE THE DRAW BOLT FROM THE RAM.



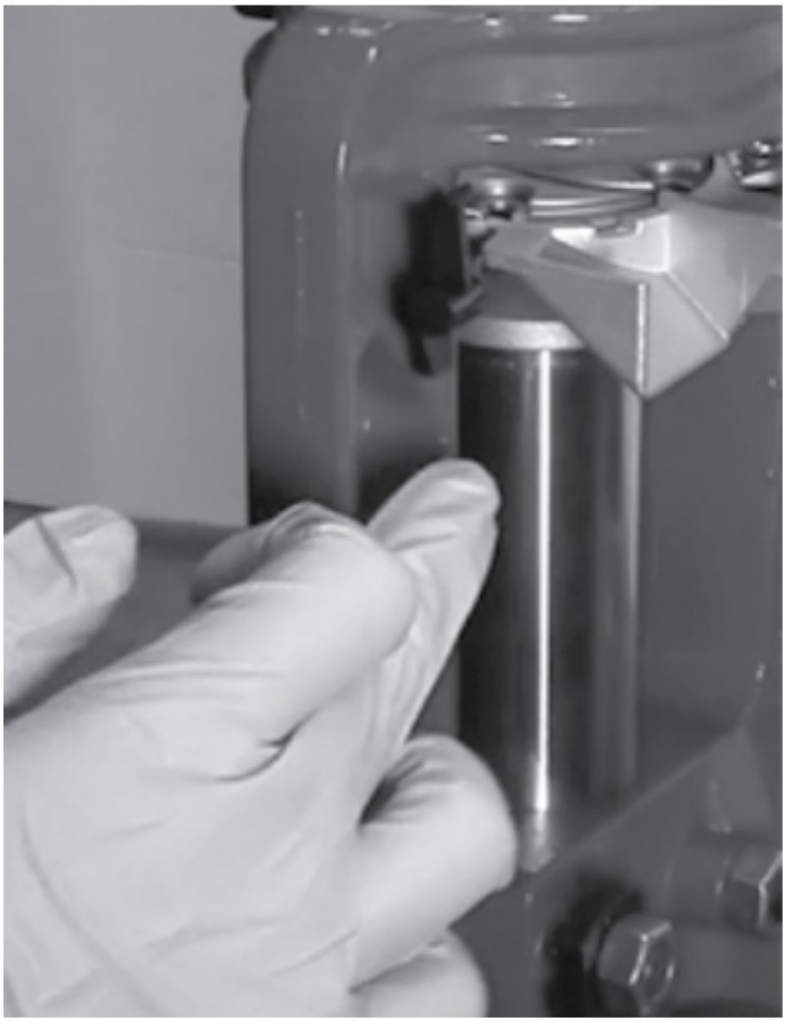
[FIG 12] With the index flipper in the “in position” and the carrier at the pull out rib position, turn the carrier clockwise (viewed from the top) until center hub of index flipper contacts the pull-out rib. Hold shell plate carrier and tighten draw bolt to 11.6 ft/lbs. (24 pounds on a typical 6” box wrench)

D



Place any lubricant (motor oil) on the underside of the feed tongue on both sides of the rail. Do not use WD-40® or dry lubricants because they do not offer lasting lubrication protection.

E



Apply STP® motor treatment to the frame pull-out rib.

CHANGING CARTRIDGE SETUP

To convert the Load-Master from a one cartridge to another, you will need the proper shell plate, primer feed, and appropriate Lee 3-die set. The chart below shows proper configuration with catalog numbers. Identify your current press configuration by cartridge. The chart will list which components shipped with your press (primer feed, shell plate). Then check the cartridge you wish to load, to see which components match with your current press configuration. Order any components that do not match (primer feed, shell plate, dies or powder measure).

CARTRIDGE	SHELL PLATE NUMBER	SHELL PLATE ONLY	PRIMER FEED	FEED PLATE HOLE SIZE	SLIDER BLOCK	RELOADING DIES	CHARGING DIE	POWDER MEASURE
30 Luger	19s	90920	SMALL	SMALL		90754		PRO AUTO-DISK
30 Mauser	19s	90920	SMALL	SMALL		90755		PRO AUTO-DISK
7.62 Tokarev	19s	90920	LARGE	SMALL		90769		PRO AUTO-DISK
32ACP	7s	90913	SMALL	SMALL		90622		AUTO-DRUM
32 S&W	4A	90059	SMALL	SMALL		90696		AUTO-DRUM
32 S&W Long	4A	90059	SMALL	SMALL		90624		AUTO-DRUM
32 H&R MAG / 327 FED	4A	90059	SMALL	SMALL		90509 or 90963		AUTO-DRUM
9mm Luger	19s	90920	SMALL	SMALL		90176		AUTO-DRUM
9mm Makarov	19s	90920	SMALL	SMALL		90751		AUTO-DRUM
32/20	6s	90912	SMALL	SMALL		90270		AUTO-DRUM
357 Sig	19s	90920	SMALL	SMALL		90623		PRO AUTO-DISK
38 Super	19s	90920	SMALL	SMALL		90569		PRO AUTO-DISK
38 S&W	1s	90907	SMALL	SMALL		90569		AUTO-DRUM
38 Colt NP	1s	90907	SMALL	SMALL		90092		PRO AUTO-DISK
380 Auto	4s	90910	SMALL	SMALL		90510 or 90964		AUTO-DRUM
38 SPL & 357 MAG	1s	90907	SMALL	SMALL		90623		AUTO-DRUM

38 ACP	19s	90920	SMALL	SMALL		90276		PRO AUTO-DISK
38 Short/Long COLT	1s	90907	SMALL	SMALL	RISER	90799 or 90965		AUTO-DRUM
40 S&W	19s	90920	SMALL	SMALL		90965		AUTO-DRUM
10mm Auto	19L	90068	LARGE	SMALL		90628		PRO AUTO-DISK
41 Mag	9L	90915	LARGE	LARGE	RISER	90516 or 90966		AUTO-DRUM
44 SPL & 44 MAG	11L	90917	LARGE	LARGE	RISER	90430		PRO AUTO-DISK
400 Cor Bon	2L	90908	LARGE	LARGE		90626		AUTO-DRUM
30M1 Carbine	7s	90913	SMALL	SMALL	RISER	90293		AUTO-DRUM
44 Russian	11L	90917	LARGE	LARGE	RISER	90564		AUTO-DRUM
44/40	14L	90919	LARGE	LARGE	RISER	90795		PRO AUTO-DISK
454 Casull	11L	90917	SMALL	LARGE	RISER	90513 or 90968		AUTO-DRUM
45 ACP	2L	90908	SMALL OR LARGE	LARGE		90514 or 90967		PRO AUTO-DISK
45 Colt	11L	90917	LARGE	LARGE	RISER	90323		AUTO-DRUM
45 Schofield	14L	90919	LARGE	N/A	N/A	90498		PRO AUTO-DISK
45 ACP	2L	90908	LARGE	LARGE		90764		PRO AUTO-DISK
455 Webley Mark II	5L	90911	LARGE	LARGE		90344		AUTO-DRUM
460 S&W	14L	90919	LARGE	LARGE	RISER	90344		AUTO-DRUM
50 Action Express	11L	90917	LARGE	N/A	N/A	90329 (LUBE REQ.)		AUTO-DRUM
500 S&W	16L	90612	LARGE	LARGE	RISER	90288		AUTO-DRUM
223 REM	4s	90910	SMALL	SMALL	RISER	90502 (LUBE REQ.)	90668	AUTO-DRUM

7.62 x 39	12L	90918	LARGE	SMALL	RISER	90565 (LUBE REQ.)	90668	AUTO-D RUM
222 REM	4s	90910	SMALL	SMALL	RISER	90501 (LUBE REQ.)	90668	AUTO-D RUM
458 SOCO M	2L	90908	LARGE	N/A	N/A	90409 (LUBE REQ.)		AUTO-DR UM

N/A = Not available
LUBE REQ. = # 90006 LEE resizing lubricant required
PRO AUTO-DISK # 90429
AUTO-DRUM # 90811
small primer feed = # 90075
large primer feed = # 90077

ACCESSORIES

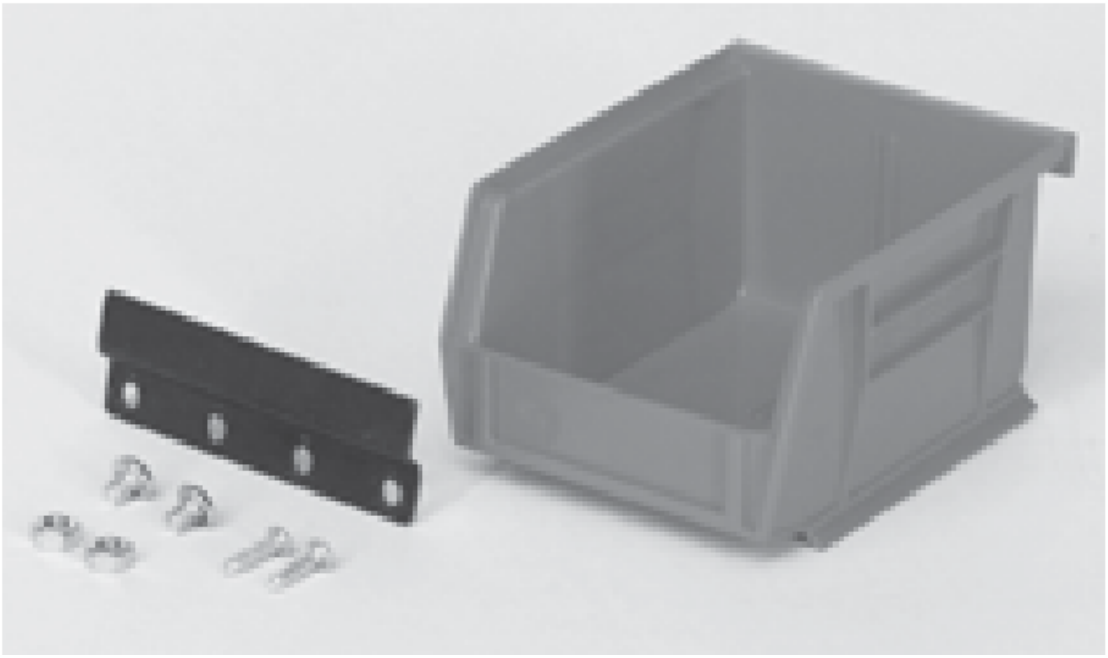
LEE BULLET FEEDER OPTIONAL

30 & 32 cal. Bullets up to .60 long ……..# 90892
9mm through .365 diameter up to .46 long…….. # 90893
9mm through .365 diameter .46 to .60 long…… # 90894
9mm through .365 diameter .60 to .75 long ……..# 90895
40 cal. through .44 cal. up to .65 long ……..# 90896
40 cal through .44 cal .65 to .80 long ……..# 90897
45 cal. bullets .50 to .67 long …….# 90898

The bullet feeder designed to directly fit the Load-Master. Automatically feeds bullets into the mouth of the seating die. Aligns bullets more accurately than possible by hand. Increases cyclic rate 50 to 100%.

BIN AND BRACKET # 90687

For added convenience in storing bullets or empty cases.

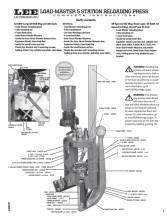


CASE COLLATOR # 90667
Fills all four tubes in just ten seconds.

The Lee Guarantee
lee reloading products are guaranteed not to wear out or break from normal use for two full years or they will be re paired or replaced at no charge if returned to the factory. Any Lee product of current manufacture, regardless of age or condition, will be recon di tioned to new, including a new guarantee, if re turned to the factory with payment equal to half the current retail price.

LEE PRECISION, INC.
4275 COUNTY ROAD U
HARTFORD, WI 53027
www.leeprecision.com

Documents / Resources

	LEE PRECISION LM3231 Load Master 5 Station Reloading Press [pdf] User Manual LM3231 Load Master 5 Station Reloading Press, LM3231, Load Master 5 Station Reloading Press, 5 Station Reloading Press, Reloading Press

References

- Lee Precision, Inc.
- Lee Precision, Inc.. Load Master Help Videos
- Lee Precision, Inc.
- P65Warnings.ca.gov