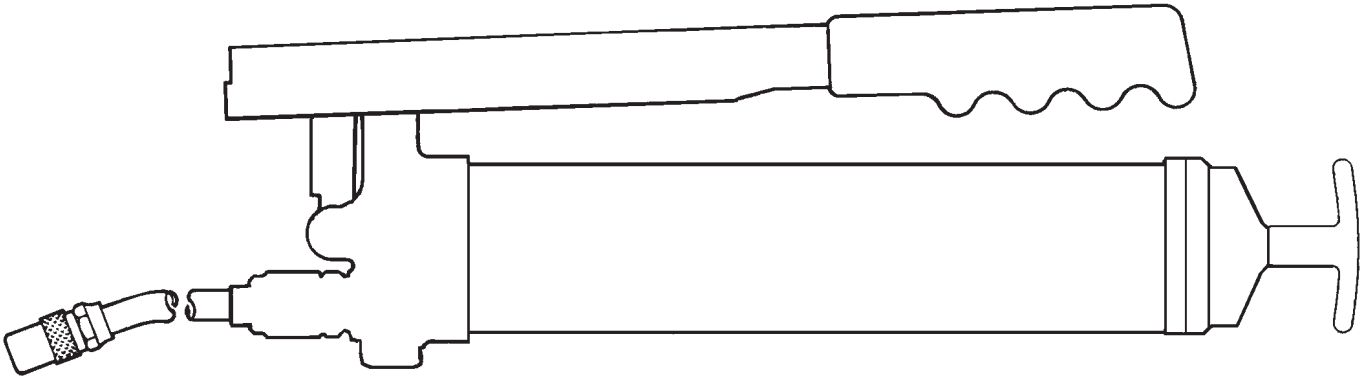
LINCOLN

Lever gun

Models 1013 and 1145



Date of issue	**March 2015**
Form number	**404634L**

Read manual prior to installation or use of this product. Keep manual nearby for future reference.

SKF

Capacities

Model 1013

Bulk capacity	16 oz. *(473 cm³)*
Cartridge capacity	14 ½ oz. *(429 cm³)*

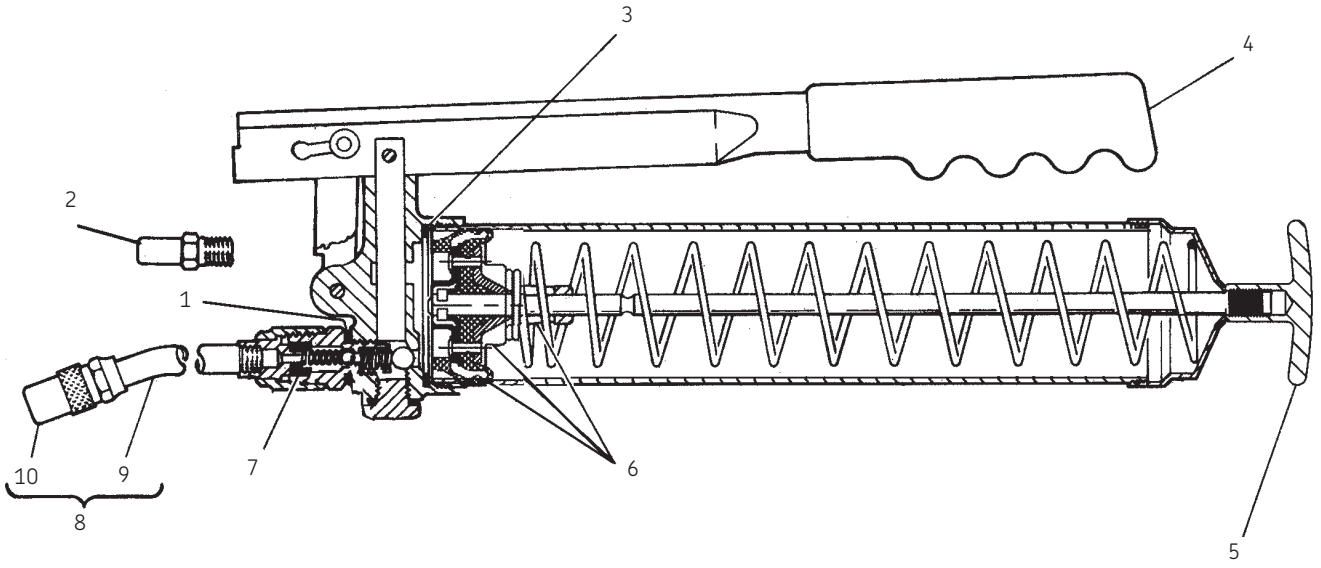
Model 1145

Bulk capacity	21 oz. *(621 cm³)*

Service parts

Item no.	Description	Part no.	Item no.	Description	Part no.
1	Washer gasket	48427	6	Follower assembly	93499*
2	Filler fitting	91108	7	Packing	34261
3	Barrel packing	34793	8	Hydraulic coupler with extention	5853
4	Handle grip	68684	9	Nozzle extension	62028
5	Follower handle	272078*	10	Hydraulic coupler	5852

* Indicates change



High pressure: 7,000 psi *(483 bar)* (low volume)
Low pressure: 4,000 psi *(276 bar)* (high volume)

⚠ WARNING

Extreme pressure may cause nozzle extension or whip hose to burst. Use only Lincoln approved hoses and follow whip hose instructions and warnings.

⚠ WARNING

Keep hands clear of the extension during operation of the grease gun. Grease gun can develop high pressure up to 7,000 psi *(483 bar)*. Use safety glasses and gloves for protection during operation

Failure to comply may result in serious injury or death.

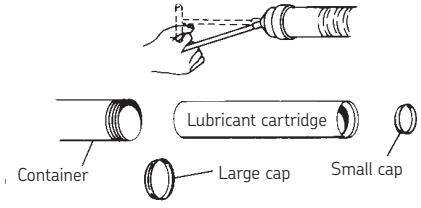
Operating instructions

Refer to **page 3** for instructions to fill the lubricant container.

Wipe fittings clean before lubricating. Push coupler onto fitting at slight angle and then center coupler on the fitting. Operate lever gun handle to lubricate taking care not to damage seals by excessive pressure or lubricant volume. After lubricating turn coupler at a slight angle to release grip of the coupler jaws

To install a lubricant cartridge

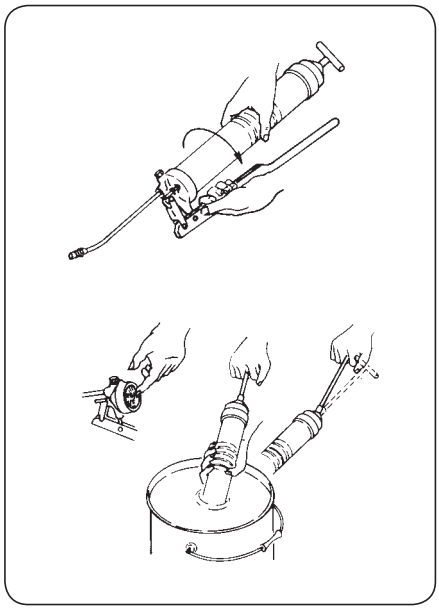
1 Remove head and plunger assembly from container tube.
2 To remove an empty cartridge pull back on the follower handle until the follower rod is fully extended. Then carefully release the follower handle to eject the empty cartridge from the container tube. Pull back on the follower handle. When the follower rod is fully extended pull it sideways to latch the rod groove into the keyhole slot in the container cap.
3 Remove the caps from both ends of the cartridge and insert the large open end of the cartridge into the container tube.
4 Loosely assemble the head and plunger assembly to the container tube. Extend the lever gun handle awayf rom the container tube and disengage the follower rod from the container cap. Engage the follower rod with the follower by rotating the follower handle. Exert force on the follower handle until lubricant oozes from the tube and head interface. Tighten container tube into the head and plunger assembly.
5 Disengage the follower rod from the follower by rotating the follower handle. Push the follower rod into the container.



Notice
If inspection and cleaning are not performed correctly, grease gun will lose prime and will continue to lose prime until cleaned properly.

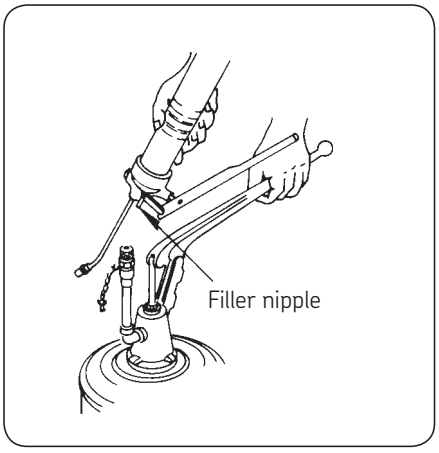
To fill lever gun from bulk lubricant container

1 Remove head and plunger assembly from container tube.
2 Pack lubricant into cavity of the head and plunger assembly.
3 nsert the open end of the container tube into lubricant. Slowly pull the follower handle back while pushing the container tube deeper into the lubricant to prevent air pockets from being pulled into the container tube.
4 When the follower rod is fully extended pull it sideways to latch the rod groove into the keyhole slot in the container cap.
5 Loosely assemble the head and plunger assembly to the filled container tube. Release the follower rod from the container cap and disengage the follower rod from the follower by rotating the follower handle. Push the follower rod into the container. Slowly unscrew the container tube from the head and plunger assembly until lubricant oozes from the interface. Tighten container tube into the head and plunger assembly.



To fill lever gun with a filler pump

Engage the follower rod with the follower by rotating the follower handle. Insert the lever gun filler nipple into the filler pump socket and extend the lever gun handle away from the container tube. Operate the filler pump to fill the lever gun container. When the follower rod groove is exposed the container is filled (follower rod will be extended approximately 8 inches). Disengage the follower rod from the follower by rotating the follower handle. Push the follower rod into the container.



To expel air pockets

6 Unscrew the container tube 1 1/2 turns from the head and plunger assembly.
7 Withdraw the follower rod from the container cap and engage it with the follower by rotating the follower handle. Exert force on the follower handle until lubricant oozes from the tube and head interface.
8 Tighten container tube into the head and plunger assembly. Disengage the follower rod from the follower by rotating the follower handle. Push the follower rod into the container.

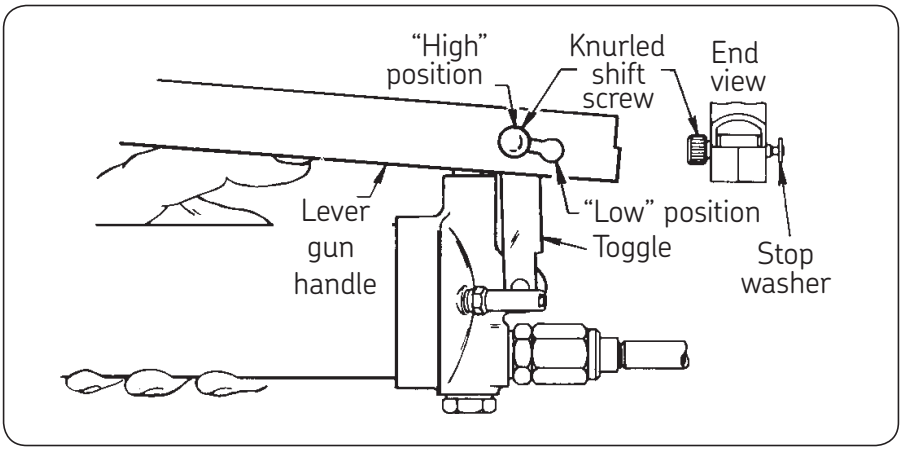
Notice
Air pockets in the cartridge lubricant will cause the lever gun to lose its prime.

To shift toggle position

The lever gun toggle can be positioned for either “HIGH” or “LOW“ pressure lubricant output.

To change the toggle from one position to the other, raise the lever gun handle slightly and loosen the knurled shift screw counterclockwise until the stop washer almost contacts the lever gun handle.

Move knurled shift screw into the “LO” position (for low pressure lubricant output) or to the “HI” position (for high pressure lubricant output). Tighten shift screw securely.



Lincoln industrial standard warranty

Standard limited warranty

Lincoln warrants the equipment manufactured and supplied by Lincoln to be free from defects in material and workmanship for a period of one (1) year following the date of purchase, excluding there from any special, extended, or limited warranty published by Lincoln. If equipment is determined to be defective during this warranty period, it will be repaired or replaced, within Lincoln's sole discretion, without charge.

This warranty is conditioned upon the determination of a Lincoln authorized representative that the equipment is defective. To obtain repair or replacement, you must ship the equipment, transportation charges prepaid, with proof of purchase to a Lincoln Authorized Warranty and Service Center within the warranty period.

This warranty is extended to the original retail purchaser only. This warranty does not apply to equipment damaged from accident, overload, abuse, misuse, negligence, faulty installation or abrasive or corrosive material, equipment that has been altered, or equipment repaired by anyone not authorized by Lincoln. This warranty applies only to equipment installed, operated and maintained in strict accordance with the written specifications and recommendations provided by Lincoln or its authorized field personnel.

This warranty is exclusive and is in lieu of any other warranties, express or implied, including, but not limited to, the warranty of merchantability or warranty of fitness for a particular purpose. Warranty on items sold by Lincoln, but not manufactured by Lincoln are subject to the warranty consideration, if any, of their manufacturer (such as hoses, hydraulic and electric motors, electrical controllers, etc.) Assistance in making such warranty claims can be offered as required.

In no event shall Lincoln be liable for incidental or consequential damages. Lincoln's liability for any claim for loss or damages arising out of the sale, resale or use of any Lincoln equipment shall in no event exceed the purchase price. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, therefore the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights. You may also have other rights that vary by jurisdiction.

Customers not located in the Western Hemisphere or East Asia: Please contact Lincoln GmbH and Co. Kg, Walldorf, Germany, for your warranty rights.

Special limited warranties

Special limited 2 year warranty SL-V series, single injectors – 85772, 85782, and replacement injectors – 85771, 85781

Lincoln warrants the SL-V Injector series to be free from defects in material and workmanship for two (2) years following the date of purchase. If an injector model (single or replacement) is determined to be defective by Lincoln, in its sole discretion, during this warranty period, it will be repaired or replaced, at Lincoln's discretion, without charge.

Special limited 5 year warranty series 20, 25, 40 bare pumps, pmv bare pumps, heavy duty and 94000 series bare reels

Lincoln warrants series 20, 25, 40 bare pumps, PMV bare pumps, heavy duty (82206), mini bench (81133, 81323), and all 94000 LFR series (single arm and dual arm) bare reels to be free from defects in material and workmanship for five (5) years following the date of purchase. If equipment is determined by Lincoln, in its sole discretion, to be defective during the first year of the warranty period, it will be repaired or replaced at Lincoln's discretion, without charge. In years two (2) and three (3), the warranty on this equipment is limited to repair with Lincoln paying parts and labor only. In years four (4) and five (5), the warranty on this equipment is limited to repair with Lincoln paying for parts only.

Special limited 5 year warranty limited oil meters, limited fluid control valves, aod (air-operated diaphragm pumps)

Lincoln warrants the 712 series control valves, 912 series lube meters, electronic lube meters (980, 981, 982 series), our universal inline digital meters (812/813 series), and our AOD pump offering to be free from defects in material and workmanship for five (5) years following the date of purchase. If either is determined to be defective by Lincoln, in its sole discretion, during the warranty period, they will be repaired or replaced, at Lincoln's discretion, without charge.

Special DEF (diesel exhaust fluid) limited warranty

DEF products are warranted to be free from defects in material and workmanship for a period of one (1) year following the date of purchase. The following exceptions to the standard warranty period are in effect:

- **85700-30/85700-50 DEF hose reels (bare reel only),** 277251/277252 AC DEF pumps, and 277256 and 277257 DEF meters are warranted for two (2) years from date of purchase.
- **85623 DEF AOD (air operated diaphragm) pumps** are covered under the standard five (5) year AOD pump warranty.

If either is determined to be defective by Lincoln, in its sole discretion, during the warranty period, they will be repaired or replaced, at Lincoln's discretion, without charge.

Lincoln Industrial contact information

To find Lincoln Industrial's nearest service center call the following number; customer service 314-679-4200 (international number 01-314-679-4200) or you may also use our website www.lincolnindustrial.com

This page left intentionally blank

This page left intentionally blank

The Power of Knowledge Engineering

Combining products, people, and application-specific knowledge, SKF delivers innovative solutions to equipment manufacturers and production facilities in every major industry worldwide. Having expertise in multiple competence areas supports SKF Life Cycle Management, a proven approach to improving equipment reliability, optimizing operational and energy efficiency and reducing total cost of ownership.

These competence areas include bearings and units, seals, lubrication systems, mechatronics, and a wide range of services, from 3-D computer modelling to cloud-based condition monitoring and asset management services.

SKF's global footprint provides SKF customers with uniform quality standards and worldwide product availability. Our local presence provides direct access to the experience, knowledge and ingenuity of SKF people.

® SKF is a registered trademark of the SKF Group.

® Lincoln is a registered trademark of Lincoln Industrial Corp.

© SKF Group 2015
The contents of this publication are the copyright of the publisher and may not be reproduced (even extracts) unless prior written permission is granted. Every care has been taken to ensure the accuracy of the information contained in this publication but no liability can be accepted for any loss or damage whether direct, indirect or consequential arising out of the use of the information contained herein.

SKF **PUB LS/I4 14056 EN** · March 2015 · **Form 404634L**

LINCOLN

SKF