

# Rolling oil drain pan

Model 84700, series “B”

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# Description

The Model 84700 Rolling Oil Drain Pan is designed to be used in service pits having 36 to 49 1/2 in. (914 to 1,257 mm) between the pit walls. Angle iron tracks must be attached to the sides of the pit walls for the drain pan to roll on (→ fig.3, page 4).

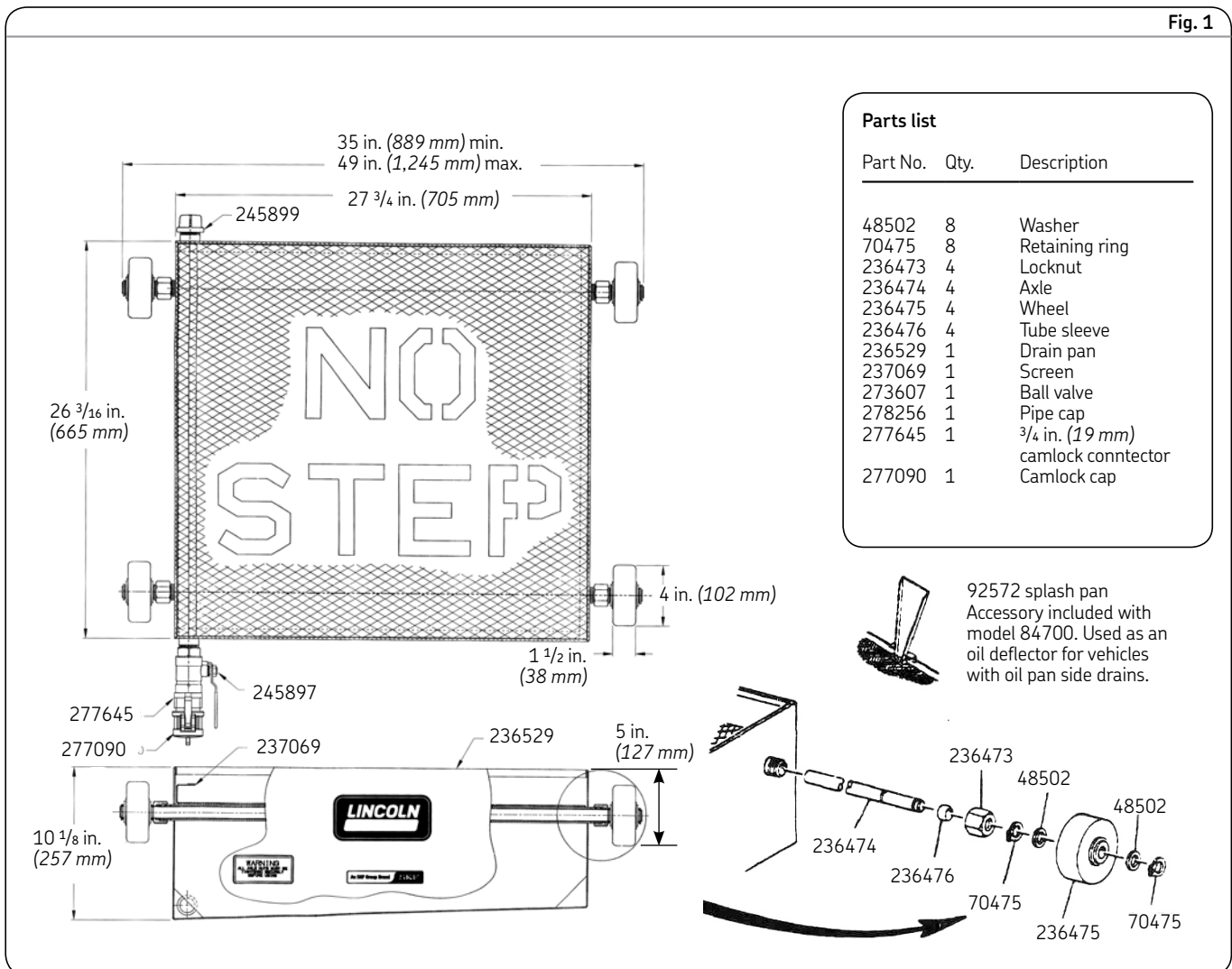
Oil drain pan has a capacity of 30 gallons (114 liters) (23 gallons (87 liters) to bottom of screen) and is equipped with a 3/4 in. (19 mm) ball valve. Drain pan contains a metal screen to eliminate oil splash and to catch foreign objects such as tools and drain plugs. The screen can be easily removed for drain pan clean out.

# Assembly instructions

- 1 Unpack drain pan and all loose parts.
- 2 Assemble ball valve (273607), 3/4 in. (19 mm) camlock connector (277645) and camlock cap (277090) to one end of drain pan. Assemble pipe cap (279256) to drain fitting on opposite end of drain pan.
- 3 To install axle and wheel assemblies to pan, slide each axle (236474) into the tubes on the drain pan. Slide one sleeve (236476) on each end of axle (236474). Install locknut (236473) hand tight on the axle. Install one retaining ring (70475), one washer (48502) and wheel (236475) to each end of axle (236474). Secure wheels with one washer (48502) and one retaining ring (70475).

- 4 Place drain pan into pit, sliding axles out until the wheels will roll on tracks. Center pan inside tracks so there is equal clearance on both sides of drain pan between the pan and the track. Carefully roll the drain pan from one end of pit to the other. Axle ends should be adjusted for minimum clearance on both sides of the tracks or pit walls. Wheels must remain firmly on the tracks and should not leave tracks if pan is cocked in the pit. After adjusting axles, tighten the four locknuts (236473) enough to prevent the axles from moving in the axle tubes. Again, roll the drain pan from one end of the pit to the other checking for binding or excess clearance. Readjust axles, if necessary, by loosening the locknut on the axle to be adjusted and moving the axle in or out as required. Tighten the four locknuts securely.

Fig. 1





### Notice

Once the axle locknuts have been wrench tightened, the tube ends will flare out making the axle nuts harder to turn. This is a self-locking feature and is normal.

- 5 Stops should be installed in pit to prevent the valve and quick disconnect coupler stud from striking the end of the pit (→ **fig. 2, below**).
- 6 Insert screen (237069) into drain pan.
- 7 Check all connections for leaks.



### WARNING

Make certain that all four axle locknuts (236473) are securely tightened before putting drain pan into operation.

## Operation

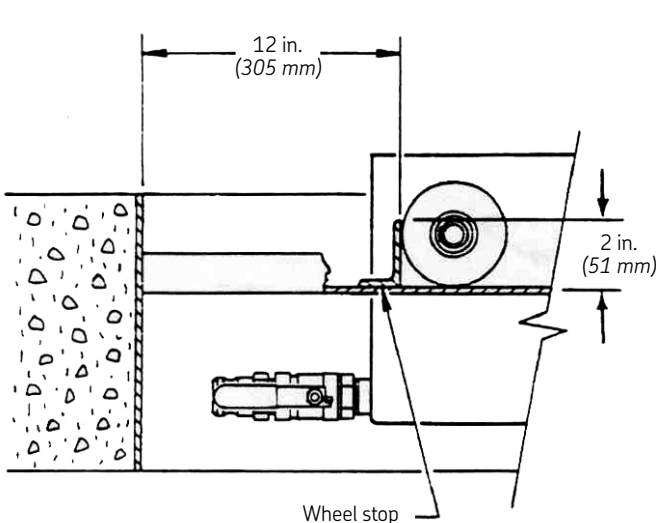
The normal storage location for model 84700 rolling oil drain pan is at one end of the service pit where a flexible hose (supplied by customer), leading to a central waste oil tank, can be attached to the pan. Wall bracket, provided, is attached to the side of the pit for storing the drain hose when not in use.

- 1 After the vehicle has been driven over the service pit, position the drain pan under the vehicle (make sure the quarter-turn valve is closed).
- 2 Drain crankcase, roll the drain pan to end of pit.

- 3 When the drain pan begins to get full, connect drain hose to drain pan and open quarter turn valve to drain oil into central waste oil tank.
- 4 Remove the drain hose from the oil drain pan by pulling upward and outward on the two handles at the sides of the quick disconnect socket and hang the hose on the bracket attached to the pit wall.

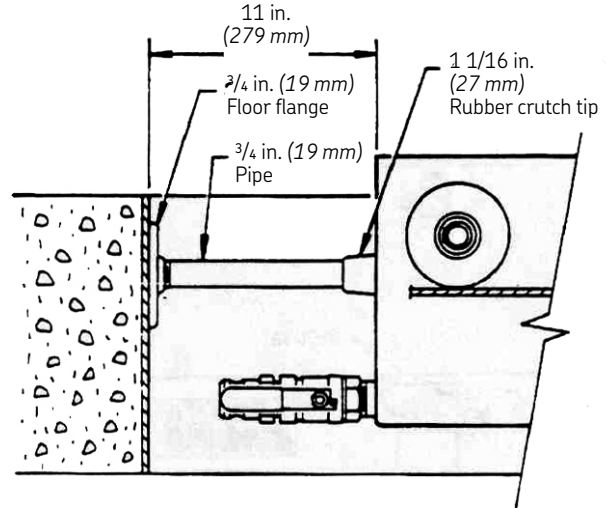
Fig. 2

### End stop details



#### Detail A

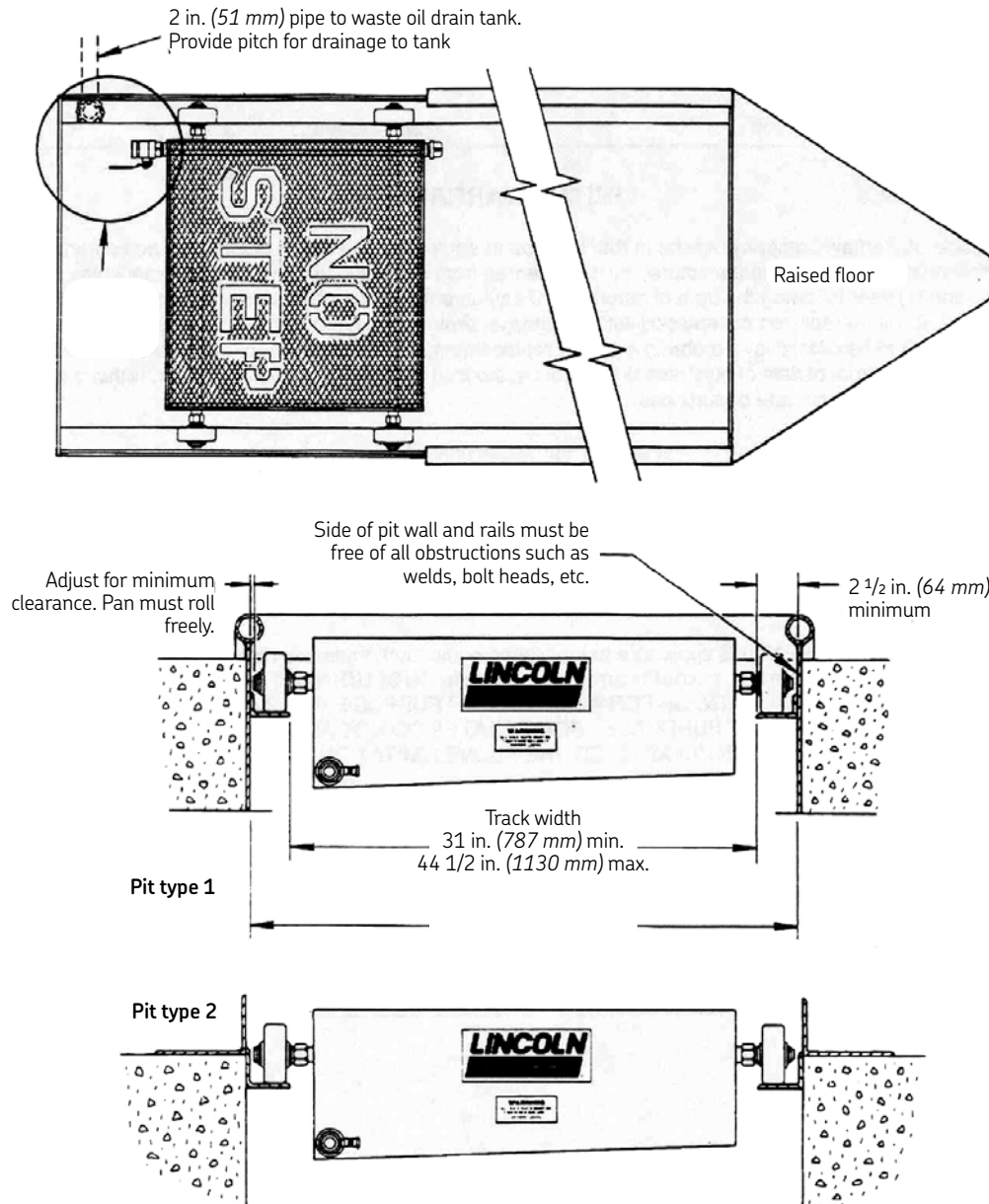
Short pieces of angle iron can be cut and bolted or welded to the tracks to act as wheel stops. Angles must not protrude beyond edge of track. Locate angles on both sides of track and at both ends of pit. Drain pan wheels should make contact with both stops at the same time.



#### Detail B

Bumper stops can be made from 3/4 in. (19 mm) pipe flanges, 3/4 in. (19 mm) pipe and rubber crutch tips. Attach two bumper stops to each pit end wall. Bumper stops should contact drain pan near the corners and as close to the center line of the axle as possible.

## Typical service pit details



**⚠ CAUTION**

- Tracks must be parallel within  $\frac{1}{2}$  in. (13 mm). Wheel engagement with track is critical.
- Tracks must be able to support 400 lbs. (181 kg) minimum. Consult your building code for proper materials and installation procedures.
- Do not use with axles extended beyond 49 in. (1,245 mm) maximum.

**⚠ CAUTION**

- Do not use with axles extended beyond 10  $\frac{5}{8}$  in. (270 mm) maximum from the end of pan to the end of axle.
- Do not step on drain pan or use as a support.

# 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

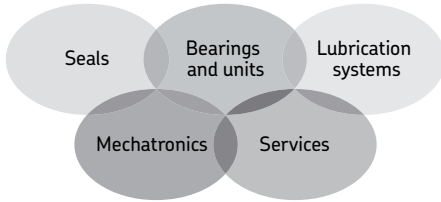
DEF products are warranted to be free from defects in material and workmanship for a period of one (1) year following the date of purchase. The following exceptions to the standard warranty period are in effect:

- **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 one of the following number; customer service 01-314-679-4200 or you may also use our website [www.lincolnindustrial.com](http://www.lincolnindustrial.com)



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