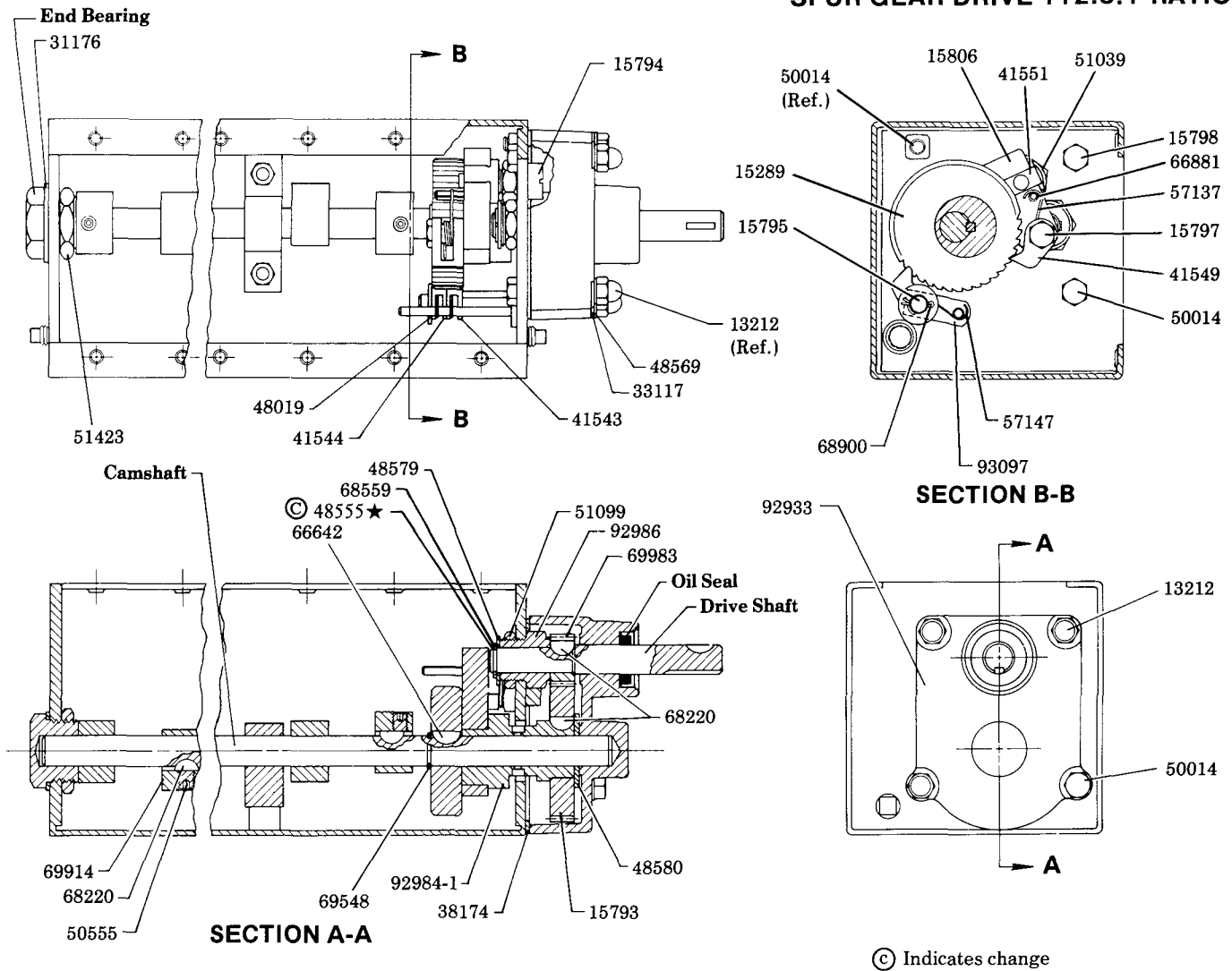


## SPUR GEAR DRIVE 112.5:1 RATIO



### DISASSEMBLY INSTRUCTIONS

Drain reservoir and remove pumps, filler assembly and cover plate to allow access to lubricator drive.

Unscrew the three 13212 Acorn Nuts and the 50014 Screw holding 92933 Housing and remove housing, 38174 Gasket and 48580 Washer. Uncouple 68559 Retaining Ring and withdraw drive shaft, removing retaining ring and 48579 and 48555 Washers, 15793 and 69983 Spur Gears and both 68220 Keys. Unscrew 51099 Nut and remove nut and 92986 Drive Shaft Bearing.

Loosen 50555 Set Screws holding 69914 Cam Lobes to camshaft. Move cam lobes clear of their 68220 Woodruff Keys and remove keys. Remove 15795 Brake Pawl Pin leaving 41543 and 41544 Brake Pawls, 57147 Springs and 93097 Spring Pin attached. Remove

69548 Retaining Ring. Move 15289 Ratchet clear of 66642 Woodruff Key and remove key. Unscrew 51423 Nut from End Bearing and withdraw Camshaft from drive end of reservoir. Remove 15289 Ratchet. Remove 15806 Rotary Drive Arm with 15797 Pawl Pin, 41549 Pawl, 57137 Spring and 66881 Roll Pin attached. Withdraw 92984-1 Drive Eccentric from inside of reservoir.

To assemble, reverse disassembly instructions.

Drive assembly is shown at right end of reservoir. Drive shaft can be rotated clockwise or counter-clockwise. With drive assembly located at left end of reservoir, 15797 Pawl Pin, 41549 Pawl, 57137 Spring and 66881 Roll Pin are located on opposite side of 15806 Rotary Drive Arm.

LUBRICATOR	RESERVOIR SIZE	DRIVE LOCATION	*OIL SEAL	CAMSHAFT	DRIVE SHAFT	END BEARING
800066	2 Qt.	Right Hand	69853	93430	15522	40701
800119	3 Pt.	Right Hand	69853	93429	15522	40701
800143	2 Qt.	Left Hand	69853	93430	15522	40701
800156	1 Gal.	Left Hand	69853	93431	15522	40701
800157	1-1/2 Gal.	Right Hand	69853	93434	15522	40701
800289	1 Gal.	Right Hand	69853	93431	15522	40701
800327	2 Qt.	Right Hand	70001	93430	15522	40701
800391	3 Pt.	Left Hand	69853	93429	15522	40701

**\*OIL SEAL**

69853 & 69930 Buna-N material  
70001 Viton material

**SERVICE PARTS**

Part	Qty.	Description	Part	Qty.	Description
13212	3	Nut	50014	2	Screw
15289	1	Ratchet	50555	**	Set screw
15793	1	Spur gear	51039	1	Nut
15794	1	Slide pivot stud	51099	1	Nut
15795	1	Brake pawl pin	51423	1	Nut
15797	1	Pawl pin	57137	1	Spring
15798	1	Screw	57147	2	Spring
15806	1	Rotary drive arm	66642	1	Woodruff key
31176	1	Washer	66881	1	Roll pin
33117	4	Washer	68220	2	Woodruff key
38174	1	Gasket	68220	**	Woodruff key
41543	1	Brake pawl (short)	68559	1	Retaining ring
41544	1	Brake pawl (long)	68900	1	Cotter pin
41549	1	Pawl	69548	1	Retaining ring
41551	1	Slide block	69914	**	Cam lobe
48019	1	Washer	69983	1	Spur gear
48555★	As req'd.	Washer	92933	1	Housing
48569	4	Washer	92984-1	1	Drive eccentric
48579	1	Washer	92986	1	Drive shaft bearing
48580	1	Washer	93097	1	Spring pin

\*\* One per pump.

★ Shim as required to eliminate play between 48579 Thrust Washer and 68559 Retaining Ring, allowing drive shaft to rotate freely.

**RETAIN THIS INFORMATION FOR FUTURE REFERENCE**

When ordering replacement parts, list: Part Number, Description, Model Number, and Series Letter.

LINCOLN provides a Distributor Network that stocks equipment and replacement parts.