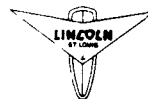
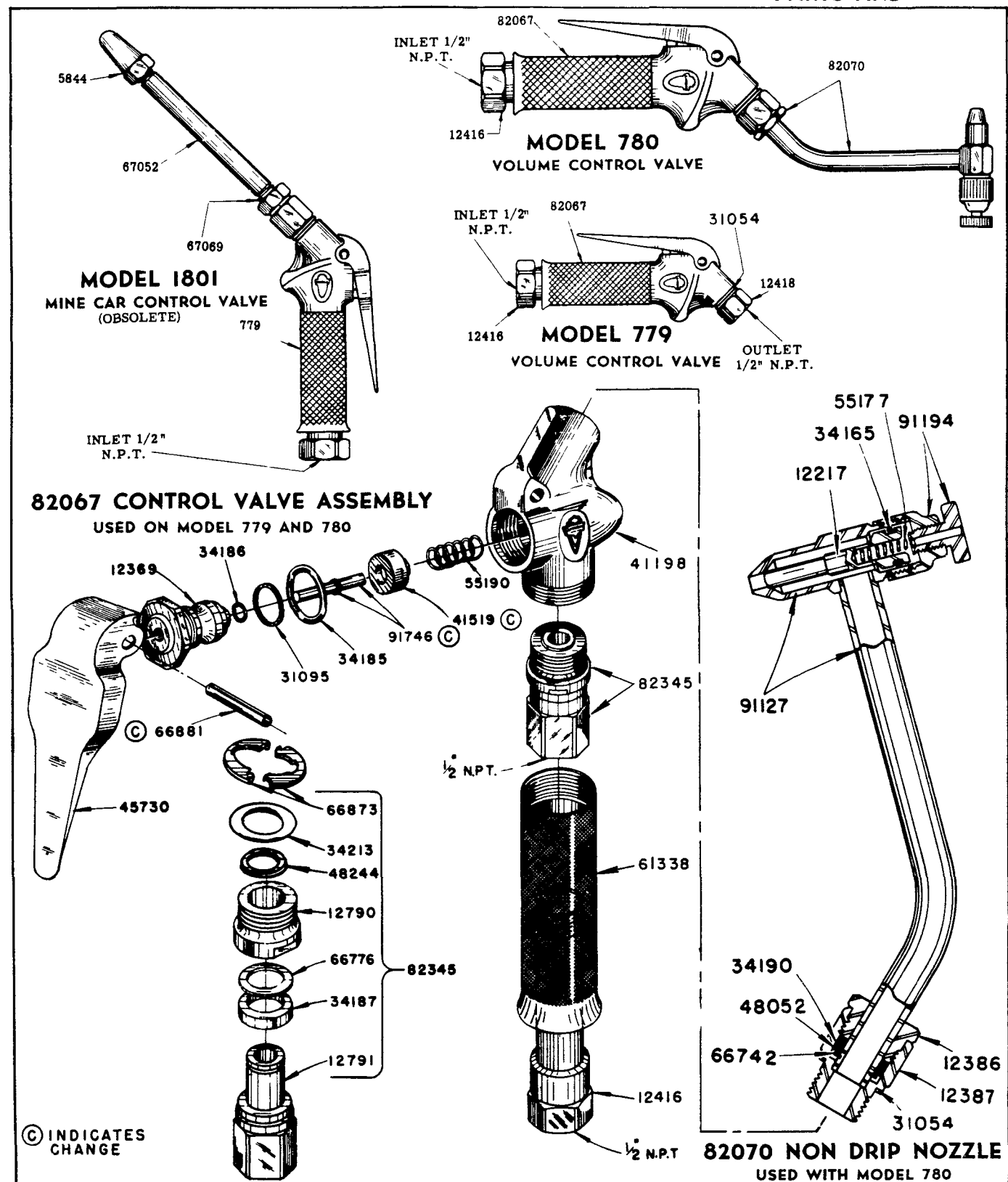


# CONTROL VALVE ASSEMBLIES



Models 779, 780, 1801

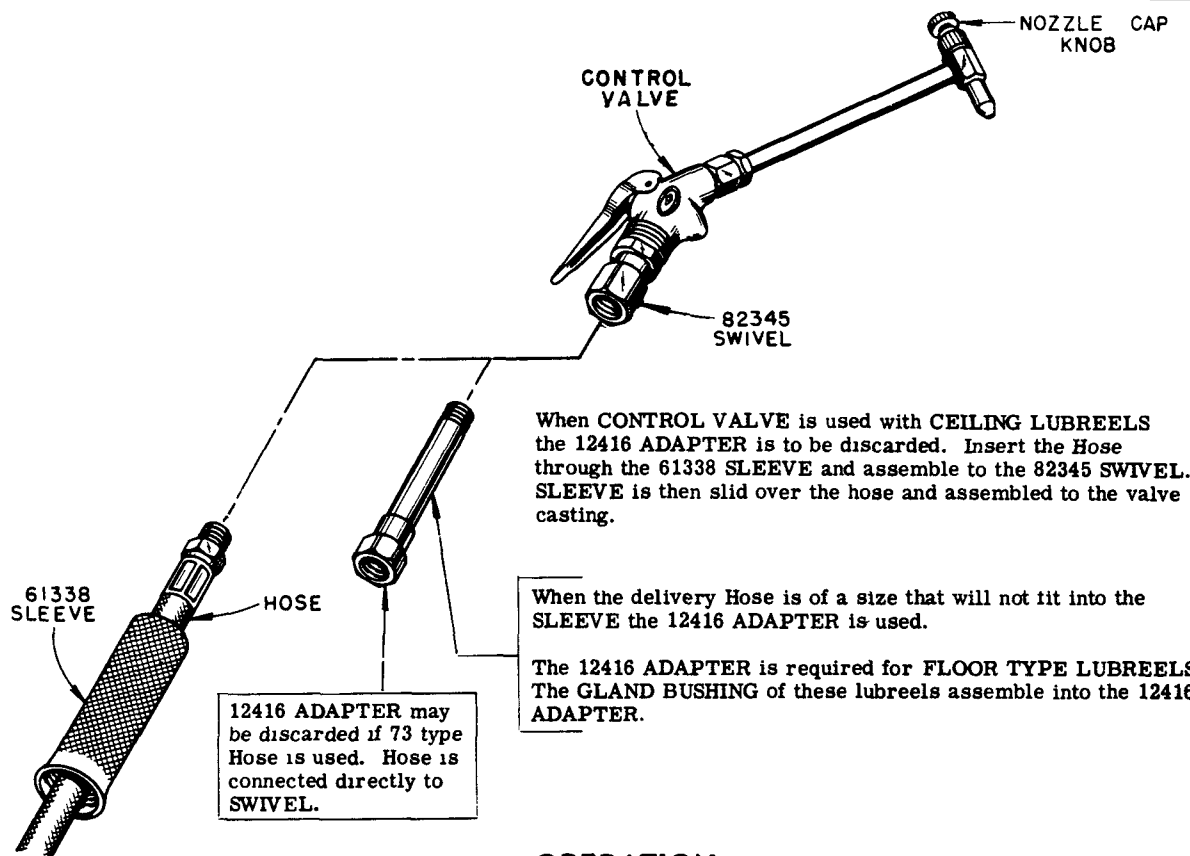
OPERATING INSTRUCTIONS  
PARTS AND SERVICE



**LINCOLN ST. LOUIS**  
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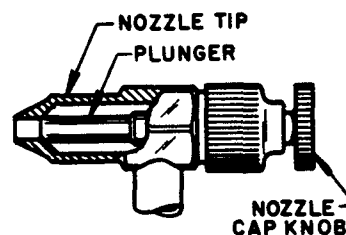


## OPERATION

The CONTROL VALVE is designed to allow the operator complete control of the volume of lubricant being dispensed. First unscrew the NOZZLE CAP KNOB three or four full revolutions. A slight compression of the VALVE HANDLE will allow a small volume of lubricant to pass through the CONTROL VALVE, and NOZZLE. As the HANDLE is further compressed the lubricant volume will increase. When the VALVE HANDLE is released a PLUNGER in the NOZZLE TIP prevents the lubricant from draining out of the hose extension. The NOZZLE should always be closed when the CONTROL VALVE is not being used. To close NOZZLE turn the NOZZLE CAP KNOB clock-wise and tighten by hand.

If lubricant continues to flow from NOZZLE TIP after the VALVE HANDLE is released:

1. Lubricant is by-passing the 41519 CHECK SEAT. If sealing surface is cut or other wise damaged, replace the 41519 CHECK SEAT. To remove the VALVE HANDLE use a slender punch to drive the 66881 ROLL PIN out of the HANDLE and VALVE CASTING.
2. PLUNGER in NOZZLE TIP or seat for PLUNGER in NOZZLE TIP is worn, pitted or otherwise damaged. Tighten and retighten NOZZLE CAP KNOB two or three times with pliers to reseal plunger. IMPORTANT: After reseating PLUNGER remove and inspect 41519 CHECK SEAT. Replace if damaged. CHECK SEAT should hold the lubricant pressure back from NOZZLE as purpose of NOZZLE is not to stop flow of lubricant when under pressure.



## REPAIR PARTS LIST

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
5844	Nozzle	34185	"O" Ring Packing	66742	Retaining Ring
12217	Plunger	34186	"O" Ring Packing	66776	Spring Washer
12369	Gland Nut	34187	Packing	66873	Truarc Retaining Ring
12386	Swivel Nut	34190	Swivel Packing	66881	Roll Pin
12387	Str. Swivel Body	34213	"O" Ring Packing	67052	Nipple
12416	Adapter	41198	Valve Body	67069	Bushing
12418	Adapter	41519	Check	82067	Low Pressure Control Valve
12790	Swivel Adapter	45730	Handle	82070	Non Drip Nozzle Assembly
12791	Swivel Stud	48052	Plunger Packing Washer	82345	Swivel Assembly
31054	Gasket	48244	Washer	91127	Nozzle Body Assembly
31095	Gasket	55177	Spring	91194	Cap Assembly
34165	"O" Ring	55190	Spring	91746	Plunger Assembly
		61338	Valve Sleeve		

PARTS - LOANER PUMPS - REPAIRS BY FACTORY TRAINED SERVICEMEN AVAILABLE IN  
AUTHORIZED SERVICE DEPARTMENTS. LIST FURNISHED UPON REQUEST.

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