



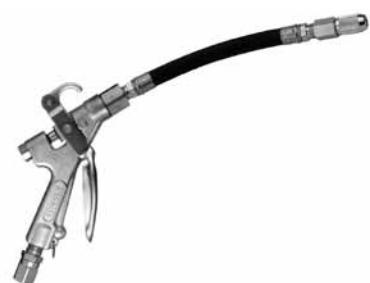
Model 740



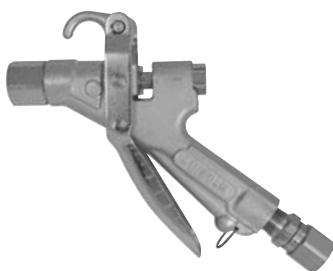
Model 282930



Model 3867



Model 776



Model 82906



Model 877



Model 905



Model 962



Model 982

Control valves, meters and accessories

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Model 740



Control valves – grease

Lincoln control valves, meters and accessories provide the durability and precision you need for your lubrication systems.

Model 740 heavy-duty high-pressure

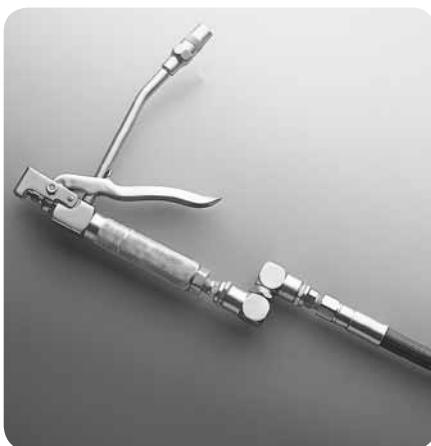
- 7 500 psi (517 bar) maximum operating pressure
- Precision-machined, all steel handle, body and guard bracket provides durability and longevity
- Unique, precision control inlet check valve provides ease of handle operation even with increase in pressure
- Knurled handle for positive grip
- Handy trigger guard prevents pinching
- Reversible inlet check seat and hydraulic jaws provide double life
- Balanced design reduces user fatigue
- Lubricant inlet 1/4 in. NPT (f); outlet 1/8 in. NPT (f)
- Easily repaired for extended life

Model 3050 high-volume high-pressure

Same as 740 except with 3/8 in. NPT (f) lubricant inlet for use with Lincoln volume high-pressure swivels and hose.

Model 82157 repair parts kit

For control valves models 740 and 3050.



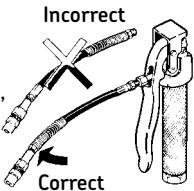
High-pressure grease control valves

Model	Description	Control valve	Thread size	Extension	Coupler
–	–	–	in.	–	–
740	Heavy-duty, high-pressure	82393	1/4 NPT (f)	Rigid tube	5845
3050	High-volume, high-pressure	81495	3/8 NPT (f)	Rigid tube	5845

WARNING!

Whip Hoses Models
3029, 3034, 5812,
5818, 5861, 81725,
81726, 81795

Install as shown.



Model 85021 kit

Consists of model 740 control valve and model 81387 universal "z" swivel.

Model 82158 repair kit

Repair parts kit for model 81387 standard universal swivel.

WARNING!

For safe and proper use, always consult instructions accompanying product. See Safety Warning Information for appropriate warnings.

High-pressure swivels

Model	Description	Thread size
—	—	in.
81606*	Straight	1/8 NPT (f) x 1/8 NPT (m)
81703*	Straight	1/8 NPT (m) x 1/8 NPT (m)
82080	Straight	1/2 – 27 (m) x 1/2 – 27 (m)
82399	Straight	1/2 – 27 (m) x 1/4 NPT (m)
83938	Straight	1/4 NPT (m) x 1/4 NPT (m)
81386	90° angle	1/2 – 27 (m) x 1/8 NPT (m)
81723	90° angle	1/8 NPT (m) x 1/8 NPT (f)
81974	90° angle	1/2 – 27 (m) x 1/4 NPT (m)
82251	90° angle	1/8 NPT (m) x 1/8 NPT (m)
81387	Universal	1/2 – 27 (m) x 1/4 NPT (m)
82252	Universal	1/8 NPT (m) x 1/8 NPT (m)
83594	Universal	1/4 NPT (m) x 1/4 NPT (m)

* Whip hose only; maximum pressure 4 500 psi (310 bar)

Model 82399



Model 81974



Volume high-pressure swivels

Model	Description	Thread size
—	—	in.
81728	Straight	1/2 NPT (m) x 3/8 NPT (m)
82072	Straight	1/2 NPT (m) x 1/2 NPT (m)
82087	90° angle	1/2 NPT (m) x 1/2 NPT (m)
81729	Universal	1/2 NPT (m) x 3/8 NPT (m)
82073	Universal	1/2 NPT (m) x 1/2 NPT (m)

Model 81387

**WARNING!**

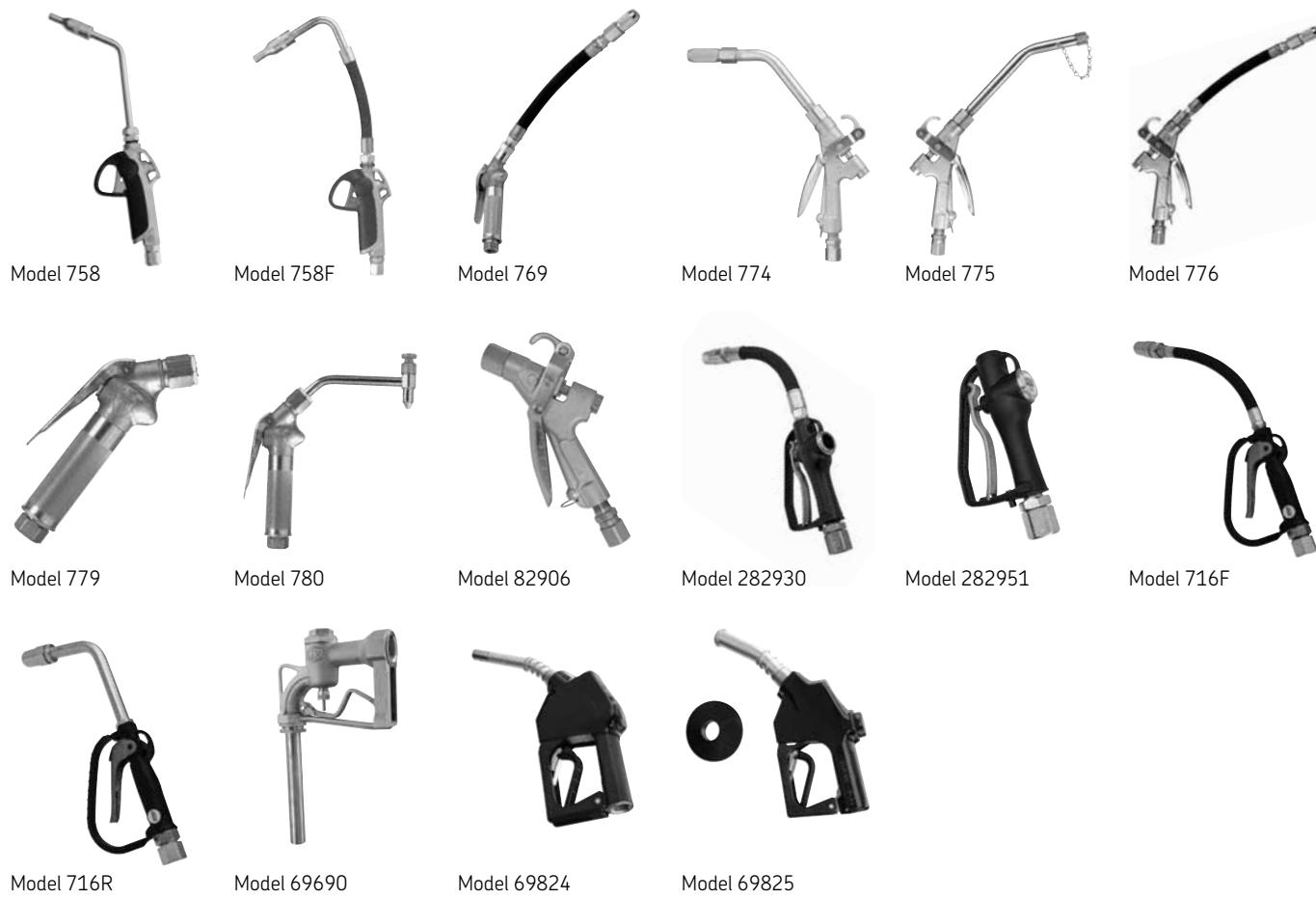
Material use: Lincoln swivels are to be used only to transport grease, oil and other lubricants and are designed only for these non-abrasive and noncorrosive purposes. Do not use with abrasive and corrosive materials such as sound-deadening materials which may contain limestone and mica particles. Transport of such materials causes rapid premature wear to critical swivel components and can cause failure of swivel. Failure could expose the user to se-

vere bodily injury, permanent disfigurement or death.

Installation and service: Tighten all fluid connections securely before using swivel. Never exceed 7500 psi maximum operating pressure. Never alter or modify any part of the swivel. Never attempt to repair or disassemble the swivel while the system is pressurized. Never stop or deflect leaks with hand or body.

Medical attention: get medical attention immediately if exposed to high pressure

fluids. Tell the attending physician what was injected.



Non-metered control valves – fluid lubricants

Compatible fluids – engine oil, diesel oil, ATF and anti-freeze
 Models 69690, 69824 and 69825 compatible fluids – fuel

Model	Inlet NPT (f)	Outlet NPT (f)	Extension Model	Type	Tip	Maximum pressure		Free delivery	
						psi	bar	gal./min.	liter/min.
758	1/2	1/2	260381	Rigid pipe	Auto with manual open/close	1 000	69	7.5	28
758F	1/2	1/2	260380	Flex hose	Auto with manual open/close	1 000	69	7.5	28
769	1/2	1/2	82642	Flex hose	Manual	1 000	69	5	19
774	1/2	1/2	273508	Rigid pipe	Manual	1 000	69	5	19
775	1/2	1/2	82932	Rigid pipe	Cap	1 000	69	5	19
776	1/2	1/2	82642	Flex hose	Manual	1 000	69	5	19
779	1/2	1/2	–	–	–	1 000	69	5	19
780	1/2	1/2	82070	Rigid pipe	Manual	1 000	69	5	19
82906	1/2	1/2	–	–	–	1 000	69	5	19
282930	3/4	3/4	–	Flex hose	Manual	1 500	103	15	57
282951	3/4	3/4	–	–	–	1 500	103	15	57
716F	3/4	1/2	276281	Flex hose	Auto with manual close	1 500	103	12	45
716R	3/4	1/2	276283	Rigid pipe	Auto with manual close	1 500	103	12	45
69690	1 1/4	1 1/4	–	9 in. Rigid pipe	–	50	3,4	–	–
69824	3/4	–	–	13/16 in. O.D. rigid	SST tip	50	3,4	17	64
69825	1	–	–	1 3/16 x 7 in. rigid	–	50	3,4	60	227



Model 905



Model 905SF

Preset dispense meters – digital

Compatible fluids, model 905 – petroleum and synthetic-based oils and antifreeze

Compatible fluids, model 905SF – antifreeze mixture, windshield wiper solution and brake fluid

Graduation on all models – pints, quarts, liters, gallons

Model	Inlet NPT (f)	Outlet NPT (f)	Extension Model	Type	Tip	Maximum pressure		Free delivery			
	in.	in.	–			–	–	psi	bar	gal./min.	liter/min.
905	1/2	1/2	272391	Rigid	Auto with manual open/close	1 000	69	5.0	19		
905SF	1/2	1/2	273862	Flex, 90 °	Auto with manual open/close	1 000	69	5.0	19		



Model 3866



Model 3867



Model 3868



Model 3942

Preset dispense meters – mechanical

Compatible fluids – petroleum and synthetic-based oils and antifreeze

Model	Inlet NPT (f)	Outlet NPSI	Extension Model	Type	Tip	Maximum pressure		Free delivery		Graduation
	in.	in.	–			–	–	psi	bar	
3866	1/2	1/2	93548	Rigid	Auto with manual open/close	1 000	69	4.0	15,14	16 quarts, 12 liters
3867	1/2	1/2	93548	Rigid	Auto with manual open/close	1 000	69	4.0	15,14	60 quarts
3868	1/2	1/2	93548	Rigid	Auto with manual open/close	1 000	69	4.0	15,14	60 gallons
3942	1/2	1/2	93548	Rigid	Auto with manual open/close	1 000	69	4.0	15,14	60 liters



Model 967



Model 980



Model 981



Model 982



Model 280690



Model 916EF



Model 916ER

Dispense meters – digital

Compatible fluids – petroleum and synthetic-based oils and antifreeze

Graduation on all models – pints/quarts/liters/gallons

Model	Inlet NPT (f)	Outlet NPT (f)	Extension Model	Type	Tip	Maximum pressure		Free delivery	
						psi	bar	gal./min.	liter/min.
947	1/2	1/2	85799	Rigid	Auto	1 500	103,4	4.0	15,14
967	1/2	1/2	82258	Flex	Auto with manual open/close	1 500	103,4	4.0	15,14
980	1/2	1/2	282843	Flex/90 °	Manual	1 500	103,4	10.0	37,85
981	1/2	1/2	282842	Rigid/30 °	Auto	1 500	103,4	10.0	37,85
982	1/2	1/2	82258	Flex	Auto with manual open/close	1 500	103,4	10.0	37,85
280690	3/4	1/2	276281	Flexible	Auto with manual close	1 500	103,4	15.0	56,78
916EF	3/4	1/2	276281	Flex	Auto with manual close	1 500	103,4	12.0	45,42
916ER	3/4	1/2	276283	Rigid	Auto with manual close	1 500	103,4	12.0	45,42



Model 867



Model 876



Model 877



Model 878



Model 881



Model 883



Model 899



Model 68410

Dispense meters – mechanical

Compatible fluids – petroleum and synthetic-based oils and antifreeze.

Model	Inlet NPT (f)	Outlet NPT (f)	Extension Model	Type	Tip	Maximum pressure		Free delivery		Graduation
						psi	bar	gal./min.	liter/min.	
867	1/2	1/2	245993	10 in. flex -1/4 in.	Auto with manual open/close	1 000	69	4.0	15,14	16 gallons
876	1/2	1/2	261484 242749 (nozzle)	4 in. rigid - 1/2 in.	Auto with manual open/close	1 000	69	4.0	15,14	16 quarts
877	1/2	1/2	82258	10 in. flex -1/4 in.	Auto with manual open/close	1 000	69	4.0	15,14	16 quarts
878	1/2	1/2	273862	Flex/90 °	Manual	1 000	69	4.0	15,14	8 pints
881	1/2	1/2	272391	Flex/90 °	Manual	1 000	69	4.0	15,14	10 liter
883	1/2	1/2	82415	20 in. flex -1/4 in.	Auto with manual open/close	1 000	69	4.0	15,14	16 quarts
899	1/2	1/2	82258	10 in. flex -1/4 in.	Auto with manual open/close	1 000	69	4.0	15,14	10 liter
68410	1/2	1/2	–	–	–	1 000	69	4.0	15,14	16 quarts



Extensions

Model	Inlet NPT	Extension Type	Tip
–	in.	–	–
82070	1/2	Rigid pipe	Manual
82258	1/2	Flex hose	Auto
82642	1/2	Flex hose	Manual
82932	1/2	Rigid pipe	Cap
93548	1/2	Rigid – 1/2 in.	Auto with manual open/close
260380	1/2	Flex hose	Auto with manual open/close
260381	1/2	Rigid pipe	Auto with manual open/close
272391	1/2	Rigid – 1/4 in.	Auto with manual open/close
273508	1/2	Rigid pipe	Manual
273862	1/2	Flex/90°	Auto with manual open/close
276280	1/2	Flex hose	Auto
276281	1/2	Flex hose	Auto with manual close
276282	1/2	Rigid pipe	Auto
276283	1/2	Rigid pipe	Auto with manual close
276310	1/2	90° flex extension	Auto
276311	1/2	Special fluid extension	Auto
282842	1/2	Rigid/30°	Auto
282843	1/2	Flex/90°	Manual



Model 84799



Model 85799



Model 93547



Model 277814



Model 261484



Model 242749



Model 280432



Model 13001

Tips and accessories

Model	Description	Thread size
–	–	in.
84799	Semi-automatic non-drip nozzle assembly	$\frac{1}{4}$
85799	Semi-automatic non-drip nozzle assembly with 4 in. (102 mm) rigid extension	$\frac{1}{2}$
93547	Semi-automatic non-drip nozzle assembly	$\frac{1}{4}$
277814	Non-drip nozzle assembly	$\frac{1}{2}$
261484	Automatic non-drip nozzle assembly	$\frac{1}{2}$
242749	4 in. (102 mm) pipe extension	$\frac{1}{2}$
280433	12 in. (305 mm) flexible delivery hose	$\frac{1}{2}$
280432	Semi-automatic non-drip nozzle assembly	$\frac{1}{2}$
13001	$\frac{3}{4}$ in. NPTF female to $\frac{1}{2}$ in. NPTF male bushing adapter	–

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Colored swivel guards

Attach these flexible swivel guards to separate meters to differentiate between fluids.

Available in red (model 260374), black (model 260375), blue (model 260376), yellow (model 260377) and green (model 260378).

Colored swivel guards



Meter accessories

Model 90464 swivel

Straight oil meter swivel, $\frac{1}{2}$ in. NPT (m) x $\frac{1}{2}$ in. NPT (f). Maximum working pressure: 1 000 psi (69 bar).

Model 90464





Inline lube meters

Model	Description	Total	Maximum pressure		Flowrate		Graduation	Compatible fluids
–	–	–	psi	bar	gal./min.	liter/min.	–	–
814	Digital – quarts, gallons, liters	99999.9	1 000	70	0.26 to 8	1 to 30	0.01	Engine oil, diesel oil, ATF and anti-freeze
817	Digital – quarts, gallons, liters	99999.9	1 500	103	0.8 to 21.1	3 to 80	0.01	Engine oil, diesel oil, ATF and anti-freeze
870	Pints totalizer	8 pint	1 000	70	0.4 to 4	1,5 to 15	$\frac{1}{4}$ pint	Engine oil, diesel oil, ATF and anti-freeze
871	Quarts totalizer	4 quart	1 000	70	0.4 to 4	1,5 to 15	$\frac{1}{4}$ quart	Engine oil, diesel oil, ATF and anti-freeze
873	Liters totalizer	10 liter	1 000	70	0.4 to 4	1,5 to 15	$\frac{1}{10}$ liter	Engine oil, diesel oil, ATF and anti-freeze
961	High volume in gallons	999.9 gallon	50	3,45	6 to 38	23 to 144	$\frac{1}{10}$ gallon	Gasoline, diesel fuel, and light weight petroleum products
962	High volume in gallons	999.9 gallon	1 000	70	4 to 40	15 to 151	$\frac{1}{10}$ gallon	Oils and ATFs up to SAE 40 weight
963	High volume in liter	999.9 liter	1 000	70	4 to 30	15 to 115	$\frac{1}{10}$ liter	Oils and ATFs up to SAE 40 weight
964	High volume in liter	999.9 liter	50	3,45	6 to 38	22 to 144	$\frac{1}{10}$ liter	Gasoline, diesel fuel, and light weight petroleum products
2873	Liters dial	4 liter	1 000	70	0.4 to 4	1,5 to 15	$\frac{1}{10}$ liter	Engine oil, diesel oil, ATF and anti-freeze
236595	Pints dial	8 pint	1 000	70	0.4 to 4	1,5 to 15	$\frac{1}{4}$ pint	Engine oil, diesel oil, ATF and anti-freeze

All meter models totalizing, except models 2873, 236594 and 236595

Control valves, meters and accessories – inline and volume



Pulse output meters

85544: Compatible fluids – motor oils (SAE 5-50), gear oils (SAE 80-240), automatic transmission fluid, antifreeze (ethylene glycol)

85545: Compatible fluids – windshield wiper fluid and engine coolant

277539: Compatible fluids – DEF

284194: Compatible fluids – engine oil, diesel oil, automatic transmission fluid (maximum viscosity SAE 140), ethylene glycol based anti-freeze / anti-boil mixture (max. 50% water)

84458, 84459, 84460: Compatible fluids – engine oil, diesel oil, ATF, and anti-freeze

Model	Description	Pulse rate	Maximum pressure		Flowrate		Port NPT
–	–	–	psi	bar	gal./min.	liter/min.	in.
85544	1/2 in. pulse meter	95 pulses/quart	1 500	103	0.25 to 8	0,9 to 30	1/2
85545	1/2 in. pulse meter	95 pulses/quart	1 500	103	0.25 to 8	0,9 to 30	1/2
277539	1/2 in. DEF meter	95 pulses/quart	145	10	0.25 to 8	0,9 to 30	1/2 BSPP
284194	3/4 in. pulse meter	206.5 pulses/gallon	1 500	103	0.8 to 21.1	3 to 80	3/4
279147	1 in. pulse meter	136.3 pulses/gallon 36 pulses/liter	2 000	138	1.6 to 32	6 to 120	1
278081	1 in. stainless steel pulse meter	136.3 pulses/gallon	2 000	138	1.6 to 32	6 to 121	1
277693	1 1/2 in. pulse meter	54.9 pulses/gallon	800	55	4 to 62	15 to 235	1 1/2
279149	1 1/2 in. pulse meter	54.9 pulses/gallon 14,5 pulses/liter	1 200	83	2.64 to 66	10 to 250	1 1/2
277694	2 in. pulse meter	25.36 pulses/gallon	800	55	4 to 130	15 to 492	2
279150	2 in. pulse meter	25.3 pulses/gallon 6,7 pulses/liter	1 000	70	4 to 130	15 to 500	2
277695	3 in. pulse meter	9.77 pulses/gallon	175	12	5 to 200	19 to 757	3
84458	1/2 in. quarts meter	1/10 graduation/quart	1 000	70	4.5	17	1/2
84459	1/2 in. gallon meter	1/10 graduation/gallon	1 000	70	4.5	17	1/2
84460	1/2 in. liter meter	1/10 graduation/liter	1 000	70	4.5	17	1/2

Model 840



Model 960



Model 5980



Model 5990



Air and water controls

Blow guns

Model 840

- Handy thumb-button design provides ease of operation
- Brass stem and synthetic packaging for service life
- Addition of air nipple permits quick connect or disconnect
- 1/4 in. NPT (f) inlet; 7/64 in. outlet diameter

Model 950

- Same as model 840, except with air restricter
- Nozzle inlet maximum pressure 30 psi (2,1 bar) complies with Federal Safety Regulation 50-204.8 and OSHA 1910 242.B

Model 960

- Light-weight cast aluminum pistol grip
- 1/4 in. NPT (f) inlet; 7/64 in. outlet diameter; height 5 3/4 in. (146 mm)
- Nozzle inlet maximum pressure 30 psi (2,1 bar) complies with Federal Safety Regulation 50-204.8 and OSHA 1910 242.B

Model 940

- Same as model 960 less air restricter
- When used for large cleaning requirement or chip cleaning, regulated air pressure must not exceed federal recommended maximum

Model 5980

- Thumb control provides comfort and ease of operation
- 1/4 in. NPT (f) inlet; 1/8 in. NPT (f) outlet

Model 5990 rubber tip for blow guns

- Rubber tip will not scratch surfaces
- Fits models 840, 940 and 5980 blow guns, as well as many competitive models
- 1/8 in. NPT (m) threads

Air and water accessories

Model 846 water bibbcock

For attaching to water service hose.

- 1/4 in. NPT (f) inlet
- Thumb-action trigger. Built-in strainer filters out contaminants.

Model 846



Model 845 water bibbcock

Same as model 846 except 3/4 – 11 1/2 in. AN inlet connects to standard lawn hose.

Model 815



Air/water accessories

Model	Description	Style
–	in.	–
815	1/4 (f) air coupler	Lincoln "long stem"
845	3/4 – 11 1/2 AN inlet	Connects to standard lawn hose
846	1/4 (f) water bibbcock	Low-pressure water
11659	1/4 (m) air nipple	Lincoln "long stem"
66951	1/4 (f) tire chuck	Standard tire chuck

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Model 11659



Model 66951

