

SHUTDOWN VALVE CUMMINS

Illust. Ref. No.	Cummins Part No.	Part Name	No. Req. Per Eng.	Illust. Ref. No.	Cummins Part No.	Part Name	No. Req. Per Eng.
GROUP A 6 VOLT - SINGLE TERMINAL				GROUP E 12 VOLT - TWO TERMINAL			
Same as Group A except parts shown below:				Same as Group A except parts shown below:			
114	S-1027	Connector, tube	1		BM-69983	Valve assembly	1
	BM-69977	Valve assembly	1		BM-69982	Shut-off valve assembly	1
115	S-189-C	Capscrew, valve to fuel pump	2	124	134075	Coil assembly (12 Volt - Two Terminal)	1
116	S-698	Lockwasher, valve to fuel pump	2				
117	67684	Plain washer, valve to fuel pump	2				
110	102827	"O" ring, valve to fuel pump	1				
	BM-69976	Shut-off valve assembly	1				
126	S-1214	Capscrew, coil to housing	4				
124	134073	Coil assembly (6 Volt Single Terminal)	1				
112	129826	Housing, shut-off valve	1				
111	129838	Knob, manual over-ride	1				
125	S-607	Lockwasher, coil to housing	4				
119	114791	"O" ring, manual over-ride shaft	1				
122	129888	"O" ring, coil to housing	1				
113	70295	Plug, pipe	1				
118	143679	Shaft, manual over-ride	1				
123	129839	Shield, fuel	1				
121	129768	Spring	1				
120	129827	Valve	1				
GROUP B 12 VOLT - SINGLE TERMINAL				GROUP F 24 VOLT - TWO TERMINAL			
Same as Group A except parts shown below:				Same as Group A except parts shown below:			
	BM-69974	Valve assembly	1		BM-69986	Valve assembly	1
	BM-69973	Shut-off valve assembly	1		BM-69985	Shut-off valve assembly	1
124	134072	Coil assembly (12 Volt - Single Terminal)	1	124	134076	Coil assembly (24 Volt - Two Terminal)	1
GROUP C 24 VOLT - SINGLE TERMINAL							
Same as Group A except parts shown below:							
	BM-69980	Valve assembly	1				
	BM-69979	Shut-off valve assembly	1				
124	134074	Coil assembly (24 Volt - Single Terminal)	1				
GROUP D 32 VOLT - SINGLE TERMINAL				GROUP G 32 VOLT - TWO TERMINAL			
Same as Group A except parts shown below:				Same as Group A except parts shown below:			
	BM-69995	Valve assembly	1		BM-69989	Valve assembly	1
	BM-69994	Shut-off valve assembly	1		BM-69988	Shut-off valve assembly	1
124	143809	Coil assembly (32 Volt - Single Terminal)	1	124	134077	Coil assembly (32 Volt - Two Terminal)	1
GROUP E 12 VOLT - TWO TERMINAL							
Same as Group A except parts shown below:							
	BM-69992	Valve assembly	1				
	BM-69991	Shut-off valve assembly	1				
124	134078	Coil assembly (64 Volt - Two Terminal)	1				
GROUP F 24 VOLT - TWO TERMINAL				GROUP H 64 VOLT - TWO TERMINAL			
Same as Group A except parts shown below:				Same as Group A except parts shown below:			
	BM-72147	Valve assembly	1				
	BM-72146	Shut-off valve assembly	1				
124	134047	Coil assembly (115 Volt DC with 36" lead cable)	1				
GROUP G 32 VOLT - TWO TERMINAL				GROUP I 115 VOLT DC WITH 36" LEAD CABLE			
Same as Group A except parts shown below:				Same as Group A except parts shown below:			
	BM-73652	Valve assembly	1				
	BM-73651	Shut-off valve assembly	1				
124	134080	Coil assembly (115 Volt AC with 36" lead cable)	1				
GROUP H 64 VOLT - TWO TERMINAL				GROUP J 115 VOLT AC WITH 36" LEAD CABLE			
Same as Group A except parts shown below:				Same as Group A except parts shown below:			
	BM-73652	Valve assembly	1				
	BM-73651	Shut-off valve assembly	1				
124	134080	Coil assembly (115 Volt AC with 36" lead cable)	1				

PARTS INDENTED ARE INCLUDED IN THE PART UNDER WHICH THEY ARE INDENTED

SHUTDOWN VALVE (Cont'd)

CUMMINS

Illust. Ref. No.	Cummins Part No.	Part Name	No. Req. Per Eng.	Illust. Ref. No.	Cummins Part No.	Part Name	No. Req. Per Eng.
GROUP K 240 VOLT AC WITH 36" LEAD CABLE				GROUP N 36 VOLT DC - TWO TERMINAL			
Same as Group A except parts shown below:				Same as Group A except parts shown below:			
	BM-73818	Valve assembly	1		BM-74586	Valve assembly	1
	BM-73817	Shut-off valve assembly	1		BM-74585	Shut-off valve assembly	1
124	134081	Coil assembly (240 Volt AC with 36" lead cable)	1	124	149174	Coil assembly (36 Volt DC Two Terminal)	1
GROUP L 74 VOLT DC - TWO TERMINAL				GROUP O 48 VOLT DC - SINGLE TERMINAL			
Same as Group A except parts shown below:				Same as Group A except parts shown below:			
	BM-74399	Valve assembly	1		BM-70663	Valve assembly	1
	BM-74398	Shut-off valve assembly	1		BM-70662	Shut-off valve assembly	1
124	149177	Coil assembly (74 Volt DC Two Terminal)	1	124	144707	Coil assembly (48 Volt DC Single Terminal)	1
GROUP M 36 VOLT DC - SINGLE TERMINAL							
Same as Group A except parts shown below:							
	BM-74588	Valve assembly	1				
	BM-74587	Shut-off valve assembly	1				
124	149175	Coil assembly (36 Volt DC Single Terminal)	1				

NOTES

WHEN ORDERING PARTS ALWAYS GIVE ENGINE SERIAL NUMBER

GEAR PUMP

Illust. Ref. No.	Cummins Part No.	Part Name	No. Req. Per Eng.	Illust. Ref. No.	Cummins Part No.	Part Name	No. Req. Per Eng.
---------------------	---------------------	-----------	----------------------	---------------------	---------------------	-----------	----------------------

GROUP A—All Models except NRT, NRT0,

V6-200, V8-265, V-12, LRT

	BM-55830	Gear pump assembly, right-hand (3/4" gear)	1
38	S-189-C	Capscrew, cover to housing	4
21	BM-45839	Cover and housing assembly	1
31	100127	Bearing, needle	4
20	64816-A	Dowel	2
22	110855	Gasket, cover to housing (.002, red)	1
32	119363	Gear, pump	2
37	S-698	Lockwasher, cover to housing	4
	70295	Plug, pipe	1
19	101468	Ring dowel	1
35	100215	Shaft, drive	1
33	100132	Shaft, driven	1

Mounting Parts

40	70790	Capscrew, gear pump to fuel pump housing	4
	70777	Connection, fuel inlet	1
	70689	Gasket, gear pump to fuel pump housing (Use with pressure regulator type pump)	1
18	139230	Gasket, gear pump to fuel pump housing (Use with governor controlled type pump)	1
36	S-698	Lockwasher, gear pump to fuel pump housing	4

GROUP B—All Models except NRT, NRT0, V-12,

Same as Group A except parts shown below: LRT

	BM-55831	Gear pump assembly, left-hand (3/4" gear)	1
	Standard on V6-200, V8-265		

GROUP C—Models NRT, NRT0, NT-380, LRT

Same as Group A except parts shown below:

	BM-55832	Gear pump assembly, right-hand (1 1/4" gear)	1
38	S-175-C	Capscrew, cover to housing	4
21	BM-45851	Cover and housing assembly	1
32	119364	Gear, pump	2
35	100217	Shaft, drive	1
33	100134	Shaft, driven	1

GROUP C (Cont'd)**Mounting Parts**

40	100129	Capscrew, gear pump to fuel pump housing	4
	Also used on left-hand V-12 engines.		

GROUP D—Models V-12 SERIES, LRT

Same as Group A except parts shown below:

	BM-55833	Gear pump assembly, left-hand (1 1/4" gear)	1
38	S-175-C	Capscrew, cover to housing	4
21	BM-45851	Cover and housing assembly	1
32	119364	Gear, pump	2
35	100217	Shaft, drive	1
33	100134	Shaft, driven	1

Mounting Parts

40	100129	Capscrew, gear pump to fuel pump housing	4
----	--------	--	---

FUEL PUMP DAMPER

	BM-67421	Fuel damper assembly	
23	S-172-C	Capscrew	4
28	139834	Diaphragm	1
26	144623	Damper housing	1
34	139969	Nipple	1
27	100099	"O" ring	1
29	139988	"O" ring	1
30	144660	Plate	1
24	S-698	Washer, lock	4
25	70704	Washer, plain	4
	BM-75814	Hose, damper	1

NOTES

PARTS INDENTED ARE INCLUDED IN THE PART UNDER WHICH THEY ARE INDENTED



FUEL INLET AND DRAIN CONNECTION

Illust. Ref. No.	Cummins Part No.	Part Name	No. Required per Engine		
			4 Cyl.	6 Cyl.	12 Cyl.

GROUP A—Models H, NH, and NHH Series

	BM-30073	Connection assembly, fuel inlet	4	6	
	BM-30075	Connection assembly, fuel drain	4	6	
1	44753	Body, inlet and drain	8	12	
2	S-1003-1	Connection, fuel drain	4	6	12
3	70855	Connection, fuel inlet	4	6	12
4	9426-2	Gasket, fuel inlet and drain connection (copper)	8	12	24
5	70854	Gasket, fuel inlet and drain connection (rubber)	8	12	24
6	70847	Retainer, gasket, fuel inlet and drain	8	12	24
7	70856	Spring, fuel inlet and drain	8	12	24

GROUP B—Models C, J SERIES

Same as Group A except parts shown below:

	BM-31308	Connection assembly, fuel inlet	4	6	
	BM-31309	Connection assembly, fuel drain	4	6	
1	101132	Body, inlet and rain	8	12	

GROUP C—Models NVH-450, VT-600

Same as Group A except parts shown below:

	BM-66512	Connection assembly, fuel inlet			12
	BM-66513	Connection assembly, fuel drain			12
1	125095	Body, fuel inlet and drain connection			24

GROUP D—Models L, LR, LRT Series

	BM-41116	Connection assembly, fuel inlet		6	
	BM-41115	Connection assembly, fuel drain		6	
8	106673	Body, inlet and drain		12	
9	S-1003-1	Connection, fuel drain		6	
10	106677	Filter, fuel inlet		6	
11	8080	Gasket, connection, inlet and drain (copper)		12	
12	106675	Retainer, inlet and drain		12	
13	106676	Ring, inlet and drain		12	
14	106674	Spring, inlet and drain		12	

PARTS INDENTED ARE INCLUDED IN THE PART UNDER WHICH THEY ARE INDENTED

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

P T B INJECTOR

(BALL TYPE)

(5 1/2" BORE ENGINES)

Section 16

Page 1

Issued 10-61

Cummins Part No.	Part Name	No. Required per Engine		
		6 Cyl.	8 Cyl.	12 Cyl.
GROUP A—Models NHE-220, NH-250, NT-280				
BM-73316	Injector assembly (147570)	6		
147626	Ball, check	6	8	12
BM-72887	Body and plunger (147570)	6		12
136042	Clamp, screen	6	8	12
146621	Link, injector plunger	6		12
148338	Plug, orifice	6		12
136749	Screen, injector body	6	8	12
146620	Sleeve, retaining	6	8	12
BM-68672	Cup, injector (142467)	6		
62409	Gasket, cup	6	8	12
70776	"O" ring, cup	6	8	12
147559	Gasket, retainer	6	8	12
147558	Retainer, check ball	6	8	12
128040	Spring, injector	6	8	12
BM-73327	Conversion injector assembly (less 128040 spring)	6		12
Mounting Parts				
S-102	Capscrew, injector	12		24
129215	Clamp, injector	6		12
139153	Collet, clamp, half	12		24
S-605	Lockwasher, injector	12		24
101754	"O" ring, body	24		48
GROUP B—Model V-525				
Same as Group A except parts shown below:				
BM-73642	Injector assembly (147570)			12
BM-64830	Cup, injector (136067)			12
GROUP C—Models NT-300, 335, 380, VT12-700				
Same as Group A except parts shown below:				
BM-73475	Injector assembly (147570)	6		12
BM-72888	Body and plunger (147570)	6		12
149726	Plug, orifice	6		12
BM-74629	Conversion injector assembly (less 128040 spring)	6		12
GROUP D—Models V8-300, V8-350				
Same as Group A except parts shown below:				
BM-73640	Injector assembly (147570)		8	
BM-72889	Body and plunger (147570)		8	
146814	Link, injector plunger		8	
BM-60037	Cup, injector (134968)		8	
BM-74630	Conversion injector assembly (less 128040 spring)		8	

PARTS INDENTED ARE INCLUDED IN THE PART UNDER WHICH THEY ARE INDENTED

INJECTOR (Cont'd)

Cummins Part No.	Part Name	No. Required per Engine		
		6 Cyl.	8 Cyl.	12 Cyl.

GROUP D— (Cont'd)**Mounting Parts**

131430	Capscrew, injector	8		
128002	Clamp, injector	8		
127831	Guide, spring	8		
S-604	Lockwasher, injector	8		
101754	"O" ring, body	32		

GROUP E—Models VT8-400, VT8-430

Same as Group A except parts shown below:

BM-73641	Injector assembly (147570)	8		
BM-74021	Body and plunger (147570)	8		
146814	Link, injector	8		
149726	Plug, injector orifice	8		
BM-67512	Cup, injector (139659)	8		
BM-74631	Conversion injector assembly (less 128040 spring)	8		

Mounting Parts

Same as group D

GROUP F—Models V6-200, V8-265

Same as Group A except parts shown below:

BM-72033	Injector assembly (147570)	6	8	
BM-72307	Body and plunger	6	8	
145994	Link, plunger	6	8	
BM-71382	Cup, injector (150491)	6	8	

Mounting Parts

131430	Capscrew, injector	6	8	
128002	Clamp, injector	6	8	
148254	Guide, spring	6	8	
S-604	Lockwasher, injector	6	8	
101754	"O" ring, body	24	32	

WHEN ORDERING PARTS ALWAYS GIVE ENGINE SERIAL NUMBER

INJECTOR (Cont'd)

INJECTORS AND INJECTOR CUP ASSEMBLIES TABULATION—ALL MODELS

Engine Model	Injector Assembly	Body and Plunger	Cup Assembly	No Req'd.	Remarks
J-70	BM-32322	BM-34663 (132790)	BM-32321 (104327)	4	
J-80	BM-32322	BM-34663 (132790)	BM-32321 (104327)	4	
J-120	BM-32322	BM-34663 (132790)	BM-32321 (104327)	4	
J-6	BM-32322	BM-34663 (132790)	BM-32321 (104327)	6	
JF	BM-32322	BM-34663 (132790)	BM-32321 (104327)	6	
JN	BM-32322	BM-34663 (132790)	BM-32321 (104327)	6	
JNF-130	BM-74221	BM-34663 (132790)	BM-32321 (104327)	6	Code 6N-7-6-18
JT	BM-32322	BM-34663 (132790)	BM-32321 (104327)	6	
JS	BM-34136	BM-34663 (132790)	BM-28818 (101887)	6	
JNS	BM-32322	BM-34663 (132790)	BM-32321 (104327)	6	
C-90	BM-54733	BM-34663 (132790)	BM-54732 (125145)	4	
C-105	BM-54733	BM-34663 (132790)	BM-54732 (125145)	4	
C-140	BM-71636	BM-71819 (131590)	BM-54732 (125145)	4	
C-160	BM-54733	BM-34663 (132790)	BM-54732 (125145)	6	
CF-160	BM-71636	BM-71819 (131590)	BM-54732 (125145)	6	
C-175	BM-54733	BM-34663 (132790)	BM-54732 (125145)	6	
C-180	BM-70195	BM-34663 (132790)	BM-70194 (144256)	6	
C-200	BM-54733	BM-34663 (132790)	BM-54732 (125145)	6	
H-4	BM-47645	BM-43000 (128110)	BM-40248 (113528)	4	
HR-4	BM-42923	BM-43000 (128110)	BM-28826 (101888)	4	
HRC-4	BM-42923	BM-43000 (128110)	BM-28826 (101888)	4	
H-6	BM-47645	BM-43000 (128110)	BM-40248 (113528)	6	
HR-6	BM-42923	BM-43000 (128110)	BM-28826 (101888)	6	
HRF	BM-28829	BM-30097 (128110)	BM-28826 (101888)	6	
HS	BM-30408	BM-30836 (131760)	BM-28826 (101888)	6	
HRS	BM-30408	BM-30836 (131760)	BM-28826 (101888)	6	
NHC-4	BM-70284	BM-43000 (128110)	BM-68672 (142467)	4	
NT-165	BM-28829	BM-30097 (128110)	BM-28826 (101888)	4	
NT-180	BM-51477	BM-43001 (131760)	BM-30020 (101891)	4	
NT-200	BM-51477	BM-43001 (131760)	BM-30020 (101891)	4	
NH-180	BM-47645	BM-43000 (128110)	BM-40248 (113528)	6	
NHE-180	BM-68673	BM-43000 (128110)	BM-68672 (142467)	6	
NH-195	BM-47645	BM-43000 (128110)	BM-40248 (113528)	6	
NHE-195	BM-68673	BM-43000 (128110)	BM-68672 (142467)	6	
NH-220	BM-68974	BM-30097 (128110)	BM-68672 (142467)	6	
NHS	BM-28924	BM-30836 (131760)	BM-68672 (142467)	6	
NHRS	BM-28924	BM-30836 (131760)	BM-68672 (142467)	6	
NT	BM-28829	BM-30097 (128110)	BM-28826 (101888)	6	
NTO-262	BM-28829	BM-30097 (128110)	BM-28826 (101888)	6	
NTO-280	BM-51475	BM-43001 (131760)	BM-28826 (101888)	6	
NRT	BM-51475	BM-43001 (131760)	BM-28826 (101888)	6	
NRT	*BM-51477	BM-43001 (131760)	BM-30020 (101891)	6	
NRTO	BM-51475	BM-43001 (131760)	BM-28826 (101888)	6	
NRTO	*BM-51477	BM-43001 (131760)	BM-30020 (101891)	6	

PARTS INDENTED ARE INCLUDED IN THE PART UNDER WHICH THEY ARE INDENTED

INJECTOR (Cont'd)**INJECTORS AND INJECTOR CUP ASSEMBLIES TABULATION—ALL MODELS (Cont'd)**

Engine Model	Injector Assembly	Body and Plunger	Cup Assembly	No. Reqd.	Remarks
NHE-220	BM-73316	BM-72887 (147570)	BM-68672 (142467)	6	PTB
NHE-220	BM-64831	BM-61703 (131021)	BM-64830 (136067)	6	Unvented
NHE-220	BM-70122	BM-70245 (145080)	BM-64830 (136067)	6	Vented
NH-250	BM-73316	BM-72887 (147570)	BM-68672 (142467)	6	PTB
NH-250	BM-73327	BM-72887 (147570)	BM-68672 (142467)	6	PTB, Conversion
NH-250	BM-64831	BM-61703 (131021)	BM-64830 (136067)	6	Unvented
NH-250	BM-70122	BM-70245 (145080)	BM-64830 (136067)	6	Vented
NT-280	BM-73316	BM-72887 (147570)	BM-68672 (142467)	6	PTB
NT-280	BM-64831	BM-61703 (131021)	BM-64830 (136067)	6	Unvented
NT-280	BM-70122	BM-70245 (145080)	BM-64830 (136067)	6	Vented
NT-300	BM-73475	BM-72888 (147570)	BM-64830 (136067)	6	PTB
NT-300	BM-64744	BM-72575 (131021)	BM-64830 (136067)	6	Unvented
NT-300	BM-71808	BM-70623 (145080)	BM-64830 (136067)	6	Vented
NT-300	BM-74629	BM-72888 (147570)	BM-64830 (136067)	6	PTB, Conversion
NT-335	BM-73475	BM-72888 (147570)	BM-64830 (136067)	6	PTB
NT-335	BM-64744	BM-72575 (131021)	BM-64830 (136067)	6	Unvented
NT-335	BM-71808	BM-70623 (145080)	BM-64830 (136067)	6	Vented
NT-335	BM-74629	BM-72888 (147570)	BM-64830 (136067)	6	PTB, Conversion
NT-380	BM-73475	BM-72888 (147570)	BM-64830 (136067)	6	PTB
NT-380	BM-64744	BM-72575 (131020)	BM-64830 (136067)	6	Unvented
NT-380	BM-71808	BM-70623 (145080)	BM-64830 (136067)	6	Vented
NT-380	BM-74629	BM-72888 (147570)	BM-64830 (136067)	6	PTB, Conversion
NHH-180	BM-47645	BM-43000 (128110)	BM-40248 (113528)	6	
NHH-195	BM-47645	BM-43000 (128110)	BM-40248 (113528)	6	
NHH-220	BM-68974	BM-30097 (128110)	BM-68672 (142467)	6	
NHHT	BM-28829	BM-30097 (128110)	BM-28826 (101888)	6	
NHHTO	BM-28829	BM-30097 (128110)	BM-28826 (101888)	6	
NHHRT	BM-51475	BM-43001 (131760)	BM-28826 (101888)	6	
NHHRTO	BM-51475	BM-43001 (131760)	BM-28826 (101888)	6	
NHHS	BM-28924	BM-30836 (131760)	BM-68672 (142467)	6	
L	BM-54855	BM-31764 (102270)	BM-30662 (101990)	6	
LR	BM-54851	BM-31764 (102270)	BM-30659 (100284)	6	
LRT	BM-54857	BM-47865 (116841)	BM-47650 (116507)	6	
V6-200	BM-72033	BM-72307 (147570)	BM-71382 (150491)	6	PTB
V8-265	BM-72033	BM-72307 (147570)	BM-71382 (150491)	8	PTB

WHEN ORDERING PARTS ALWAYS GIVE ENGINE SERIAL NUMBER

INJECTOR (Cont'd)**INJECTORS AND INJECTOR CUP ASSEMBLIES TABULATION—ALL MODELS (Cont'd)**

Engine Model	Injector Assembly	Body and Plunger	Cup Assembly	No. Reqd.	Remarks
V8-300	BM-60175	BM-72576 (131021)	BM-60037 (134968)	8	
V8-300	BM-73640	BM-72889 (147570)	BM-60037 (134968)	8	PTB
V8-300	BM-74630	BM-72889 (147570)	BM-60037 (134968)	8	PTB, Conversion
V8-350	BM-60175	BM-72576 (131021)	BM-60037 (134968)	8	
V8-350	BM-73640	BM-72889 (147570)	BM-60037 (134968)	8	PTB
V8-350	BM-74630	BM-72889 (147570)	BM-60037 (134968)	8	PTB, Conversion
VT8-400	BM-60178	BM-72576 (131021)	BM-67512 (139659)	8	
VT8-400	BM-73641	BM-74021 (147570)	BM-67512 (139659)	8	PTB
VT8-400	BM-74631	BM-74021 (147570)	BM-67512 (139659)	8	PTB, Conversion
VT8-430	BM-60178	BM-72576 (131021)	BM-67512 (139659)	8	
VT8-430	BM-73641	BM-74021 (147570)	BM-67512 (139659)	8	PTB
VT8-430	BM-74631	BM-74021 (147570)	BM-67512 (139659)	8	PTB
NVH-12	BM-28829	BM-30097 (128110)	BM-28826 (101888)	12	
VT-12	BM-30021	BM-30836 (131760)	BM-30020 (101891)	12	
V12-525	BM-64831	BM-61703 (131021)	BM-64830 (136067)	12	
V12-525	BM-73642	BM-72887 (147570)	BM-64830 (136067)	12	PTB
VT12-700	BM-64744	BM-72575 (131021)	BM-64830 (136067)	12	
VT12-700	BM-73475	BM-72888 (147570)	BM-64830 (136067)	12	PTB
VT12-700	BM-74629	BM-72888 (147570)	BM-64830 (136067)	12	PTB, Conversion

† Automotive and Marine Engines

* Industrial Engines

NOTES

PARTS INDENTED ARE INCLUDED IN THE PART UNDER WHICH THEY ARE INDENTED

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

DRAIN MANIFOLD

Illust. Ref. No.	Cummins Part No.	Part Name	No. Req. Per Eng.	Illust. Ref. No.	Cummins Part No.	Part Name	No. Req. Per Eng.
GROUP A— ALL J AND C 4 CYLINDER ENGINES				GROUP F—Models NVH-450, VT-600			
	70817	Connection, straight	1		70800	Adapter (L. B.)	1
	128246	Manifold, drain	1		70804	Clamp, manifold (L. B.)	1
GROUP B— ALL J AND C 6 CYLINDER ENGINES					70467	Clamp, manifold (L. B.)	1
	S-168-C	Capscrew, clamp	2		70468	Clamp, manifold (L. B.)	1
	70795	Clamp, drain manifold	4		7614	Clip, manifold (L. B. and R. B.)	3
	70817	Connection, straight	1		70803	Elbow (L. B.)	1
	S-600	Lockwasher, drain manifold clamp	2		70323	Grommet, clamp (L. B.)	8
	106727	Manifold, drain (I, IP, P, M)	1		70373	Grommet, clamp (L. B.)	8
1	117179	Manifold, drain (B, BI, CI)	1		11496	Manifold, drain (L. B.)	1
2	S-1022-A	Nut, drain manifold	6		11495	Manifold, drain (R. B.)	1
	S-224	Nut, clamp	2		S-1022-A	Nut, manifold	12
	S-631	Washer, plain, clamp	2		S-1023-A	Nut, manifold	12
GROUP C—Models HR-4, HRC-4, NHC-4, NT-165, 180, 200					S-1307	Screw, clamp	12
Same as Group B except parts shown below.					BM-30239	Tube assembly, L. B. drain manifold to R. B. drain manifold	1
	S-190-C	Capscrew, clip	1	GROUP G—Model L SERIES			
	70467	Clip, drain manifold	1		S-168-C	Capscrew, clamp	4
	103235	Manifold, drain (HR-4, HRC-4)	1		S-188-C	Capscrew, clamp	4
	100446	Manifold, drain (NT-165, 180, 200, NHC-4)	1		70467	Clamp, manifold	4
GROUP D— ALL H AND NH, NT (5 1/8" BORE) ENGINES					70795	Clamp, manifold	8
Same as Group B except parts shown below:					117949	Connection, manifold (LRT)	1
	S-190-C	Capscrew, clip	1		100339	Cross, tube	1
	70467	Clip, drain manifold	1		100338	Elbow, tube	2
1	21533	Manifold, drain	1		100337	Tee, tube	3
	102826	Manifold, drain (NH-20 ⁰)	1		BM-43418	Tube assembly, injector drain	1
GROUP E—Models NHH SERIES ENGINES					BM-43417	Tube assembly, injector drain	1
Same as Group B except parts shown below:					BM-43416	Tube assembly, injector drain	4
	70793	Adapter, drain manifold	1		S-1022-A	Nut, tube	12
1	21533	Manifold, drain	1		BM-30575	Tube assembly, injector drain	1
	BM-30451	Tube, drain manifold	1		BM-30595	Tube assembly, injector drain	1
					BM-30596	Tube assembly, injector drain	3
					S-1023-A	Nut, tube	10

PARTS INDENTED ARE INCLUDED IN THE PART UNDER WHICH THEY ARE INDENTED

SUPPLY MANIFOLD

Illust. Ref. No.	Cummins Part No.	Part Name	No. Req. Per Eng.	Illust. Ref. No.	Cummins Part No.	Part Name	No. Req. Per Eng.
GROUP A— J AND C 4 CYLINDER ENGINES				GROUP F—(Cont'd)			
	BM-49160	Manifold assembly, supply	1	BM-68647	Crossover (142498)		1
4	104536	Ferrule, manifold	4	S-600	Lockwasher, clamp		4
5	70829	Nut, manifold	4	S-604	Lockwasher, support		2
GROUP B— J AND C 6 CYLINDER ENGINES				BM-30413	Manifold, supply (L. B.) front section		1
3	BM-62740	Manifold assembly, supply	1	BM-30416	Manifold, supply (R. B.) front section		1
4	104536	Ferrule, manifold	6	BM-48862	Manifold, supply (R. B.) front section (Marine)		1
5	70829	Nut, manifold	6	BM-30414	Manifold, supply (L. B.) rear section		1
GROUP C— H AND NH 4 CYLINDER ENGINES				BM-30415	Manifold, supply (R. B.) rear section		1
	BM-30265	Manifold assembly, supply	1	104536	Ferrule, manifold		12
4	104536	Ferrule, manifold	4	70829	Nut, tube		12
5	70829	Nut, manifold	4	S-1873-A	Nut, tube		12
GROUP D— H, NH, NT (5 1/8" BORE) 6 CYLINDER ENGINES				S-224	Nut, clamp		4
3	BM-28837	Manifold assembly, supply	1	67901	Support, crossover		2
4	104536	Ferrule, manifold	6	S-930-E	Tee, tube		1
5	70829	Nut, manifold	6	BM-30325	Tube, supply manifold to crossover (L. B.)		1
GROUP E— NHH SERIES ENGINES				BM-30240	Tube, supply manifold to crossover (R. B.)		1
	S-151	Capscrew, shield to cylinder head	3	S-631	Washer, plain		4
	64235	Clamp, fuel line	1	GROUP G—Models L, LR, LRT			
	67031	Clip, drain tube to supply tube	2	64234	Clamp, shutdown valve to drain manifold (LRT)		4
	S-605	Lockwasher, shield to cylinder head	1	100142	Cross		1
	S-610	Lockwasher, shield to cylinder head	3	100336	Elbow		2
3	BM-28837	Manifold, supply	1	S-600	Lockwasher (LRT)		4
	S-257	Nut, drain tube clip	2	61213	Nipple (LRT)		1
	S-209	Nut, shield stud	1	S-911-B	Plug, pipe (LRT)		1
	S-248	Nut, stud	1	S-1305	Screw, clamp		4
	S-1307	Screw, drain tube clip	2	S-930-E	Tee, pipe		1
	108393	Shield, supply manifold	1	S-1006-1	Tee, tube		3
	69739	Stud, shield to cylinder head	3	BM-43414	Tube assembly, supply manifold		5
	S-626	Washer, plain	4	BM-30585	Tube assembly, supply manifold (LRT)		5
GROUP F—Models NVH-450, VT-600				BM-43413	Tube assembly, supply manifold		1
	70799	Adapter, supply manifold	4	BM-30584	Tube assembly, supply manifold (LRT)		1
	S-112	Capscrew, support (L. B.)	2	BM-30583	Tube assembly, supply manifold		4
	S-168-C	Capscrew, clamp	4	BM-30582	Tube assembly, supply manifold		1
	70795	Clamp, supply tubes	4	S-631	Washer, clamp		4
	70801	Cross	1				

WHEN ORDERING PARTS ALWAYS GIVE ENGINE SERIAL NUMBER

SUPPLY MANIFOLD (Cont'd)

Revision 2 10-61

Illust. Ref. No.	Cummins Part No.	Part Name	No. Req. Per Eng.	Illust. Ref. No.	Cummins Part No.	Part Name	No. Req. Per Eng.
FUEL TUBING				GROUP C— NHH SERIES			
(FOR CUMMINS SHUTDOWN VALVE)				BM-31183	Tube, fuel supply	1	
Group A— J AND C SERIES ENGINES				S-1022-A	Nut, tube	2	
BM-70009	Tube, fuel supply (with Cummins compressor)	1		GROUP D—Models NVH -450, VT-600			
BM-70007	Tube, fuel supply (less compressor, with hourmeter drive)	1		BM-69165	Tube, fuel supply (less compressor)	1	
BM-70008	*Tube, fuel supply (bracket mounted fuel pump)	1		BM-68645	Tube, fuel supply (with compressor)	1	
BM-70011	Tube, fuel supply (with Bendix- Westinghouse compressor)	1		S-1023-A	Nut, tube	2	
BM-70012	Tube, fuel supply (with hydraulic governor)	1		GROUP E—Models L, LR, LRT			
S-1022-A	Nut, tube	2		BM-47676	Tube, fuel supply	1	
GROUP B— H, NH, NT (5 1/8" BORE) SERIES ENGINES				BM-47678	Tube, shut-off valve to drain manifold (LRT)	1	
BM-70005	Tube, fuel supply (with Cummins compressor)	1		S-1022-A	Nut, tube	2	
BM-70003	Tube, fuel supply (less compressor)	1		GROUP F—Models NHE-220, NH-250, NT-280, 300, 335, 380			
BM-70004	Tube, fuel supply (with Bendix- Westinghouse compressor)	1		142987	Adapter, fuel crossover	Use	
BM-71210	†Tube, fuel supply (H, NH 4 cylinder less compressor, H, NH, NT 6 cylinder with bracket mounted fuel pump)	1		143025	Adapter, fuel crossover	As	
BM-71161	Tube, fuel supply (HRC-4, NHC-4) (less compressor, with hour- meter drive)	1		143026	Adapter, fuel crossover	Req'd.	
BM-70006	Tube, fuel supply (H, NH, NT 6 cylinder engines) (less compressor, with hour- meter drive)	1		70772	Capscrew, crossover	4	
BM-70020	†Tube, fuel supply (HRC-4, NHC-4) (bracket mounted fuel pump)	1		147100	Crossover, fuel	2	
BM-71162	Tube, fuel supply (H, NH 4 cylinder engines) (less compressor, with hourmeter drive and Woodward governor)	1		70817	Connector, straight	2	
BM-70019	Tube, fuel supply (H, NH 4 cylinder engines) (less compressor, with Woodward governor)	1		70467	Clip, tube	1	
S-1022-A	Nut, tube	2		S-1036	Elbow, tube	2	
NOTE:				S-945	Nipple, tube	2	
* Standard Marine				131026	"O" ring, crossover	12	
† Standard E. O. L. Marine Engines.				S-965-E	Plug, cylinder head	4	
				S-911-B	Plug, pipe	10	
				S-965-E	Plug, pipe	2	
				BM-70015	Tube, fuel supply (with Cummins compressor)	1	
				BM-70013	Tube, fuel supply (less compressor)	1	
				BM-70014	Tube, fuel supply (with Bendix- Westinghouse compressor)	1	
				BM-70016	Tube, fuel supply (with Wagner compressor)	1	
				BM-70017	Tube, fuel supply (less compressor, with hourmeter drive)	1	
				BM-70018	Tube, fuel supply (with Bendix- Westinghouse compressor, hourmeter drive)	1	
				BM-71284	Tube, fuel supply (less compressor, with Woodward governor)	1	
				S-1023-A	Nut, tube	2	

PARTS INDENTED ARE INCLUDED IN THE PART UNDER WHICH THEY ARE INDENTED

SUPPLY MANIFOLD (Cont'd)

Illust. Ref. No.	Cummins Part No.	Part Name	No. Req. Per Eng.	Illust. Ref. No.	Cummins Part No.	Part Name	No. Req. Per Eng.
GROUP G—Models V6-200, V8-265				GROUP I—(Cont'd)			
148376		Connector, tube	2	S-1036		Elbow, tube	2
147991		Clip, tube	3	S-600		Lockwasher	5
S-1008-1		Connector, tube	2	S-604		Lockwasher	2
43765-A		Elbow, tube	1	S-945		Nipple	2
S-946		Nipple, tube	1	S-224		Nut	2
S-933		Tee, tube	1	S-223		Nut	2
BM-72696		Tube, fuel supply, shutdown valve (V6-200)	1	S-1324		Screw	4
BM-73254		Tube, fuel supply, shutdown valve (V8-265)	1	S-1305		Screw	3
S-1023-A		Nut, tube	2	147135		Support (rear fuel tubes)	1
BM-72695		Tube, fuel supply (R. B. to L. B.)	1	S-1016-A		Tee	3
129622		Connector	2	S-631		Washer, plain	5
S-1023-A		Nut, tube	2	S-602		Washer, plain	2
BM-72697		Tube, fuel drain (R. B. to L. B.)	1	BM-64392		Tube, fuel pump to rail tee	1
S-1051		Nut, tube	2	BM-64397		Tube, rail tee to front cylinder tee	1
GROUP H—Models V8-300, 350, VT8-400, 430				BM-64394		Tube, tee to cylinder head, front	1
69461		Adapter, tube	1	BM-64396		Tube, tee to cylinder head, R. B. front	1
S-169-A		Capscrew	1	BM-64398		Tube, rail tee to rear cylinder head tee	1
S-199-A		Capscrew	1	BM-64393		Tube, tee to L. B. cylinder head, rear	1
70467		Clip, tube	4	BM-64395		Tube, tee to R. B. cylinder head, rear	1
S-1028		Elbow, tube	3	BM-70554		Tube, fuel supply, shutdown valve	1
S-1014-1		Elbow, tube	2	S-1023-A		Nut, tube	16
S-946		Nipple	1	FUEL DRAIN TUBE			
64710		Spacer	1	70800		Adapter, tube	1
68368-A		Spacer	1	S-1050		Adapter, tube	2
BM-60088		Tube, fuel supply, shutdown valve	1	7614		Clip, tube	3
S-1023-A		Nut, tube	2	S-1028		Elbow, tube	4
BM-60099		Tube, fuel drain (R. B. to L. B.)	1	S-1324		Screw, clip	6
S-1051		Nut, tube	2	S-1016-A		Tee, tube	2
BM-62081		Tube, fuel supply (R. B. to L. B.)	1	BM-64402		Tube, R. B. front cylinder head to tee	1
129622		Connector	1	BM-64400		Tube, L. B. front cylinder head to tee	1
S-1023-A		Nut, tube	2	BM-64403		Tube, R. B. rear cylinder head to tee	1
GROUP I—Models V12-525, VT12-700				BM-64399		Tube, L. B. rear cylinder head to tee	1
S-1050		Adapter, tube	3	BM-64404		Tube, R. B. tee to drain connection	1
S-167-A		Capscrew	2	BM-64401		Tube, L. B. tee to drain connection	1
S-117		Capscrew	2	S-1023		Nut, tube	6
64235		Clamp, tube	5				
7614		Clip, tube	1				
70467		Clamp (rear fuel tubes)	1				
70763		Clamp (rear fuel tubes)	1				
S-1028		Elbow, tube	2				

WHEN ORDERING PARTS ALWAYS GIVE ENGINE SERIAL NUMBER

FLOAT TANK

Revision 1 10-61

Illust. Ref. No.	Cummins Part No.	Part Name	No. Req. Per Eng.	Illust. Ref. No.	Cummins Part No.	Part Name	No. Req. Per Eng.
GROUP A—All Models				GROUP A—All Models (Cont'd)			
BM-65574		Float tank assembly	1	S-1698		Ball, check	1
68982		Breather	1	130893		Ball, float	1
68951		Capscrew	8	147777		Float, valve	1
131029		Gasket, cover plate	1	135229		Insert	1
S-607		Lockwasher	8	S-251		Nut	1
143477		Strap, mounting	1	130891		Pin, groove	1
BM-69557		Strap, mounting	1	130892		Pin, Spirol	1
135972		Tank, fuel transfer	1	130894		Yoke, float	1
S-910-B		Plug, drain	1				
BM-65780		Float valve assembly	1				
144191		Body and cover	1				

NOTES

PARTS INDENTED ARE INCLUDED IN THE PART UNDER WHICH THEY ARE INDENTED

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

SUPPLEMENTAL INDEX

Part No.	Part Name	Section	Page No.	Part No.	Part Name	Section	Page No.	Part No.	Part Name	Section	Page No.
BM-28818	Cup	16	3	BM-32321	Cup	16	3	BM-60099	Tube	17	4
BM-28826	Cup	16	3	BM-32322	Injector	16	3	BM-60175	Injector	16	5
		16	4	BM-32799	Spring	3	5	BM-60178	Injector	16	5
		16	5	BM-33876	Drive	4	1	BM-61703	Body	16	4
BM-28829	Injector	16	3	BM-33880	Drive	4	1			16	5
		16	4			4	2	BM-62081	Tube	17	4
		16	5	BM-34136	Injector	16	3	BM-62213-A	Aneroid	3	6
BM-28837	Manifold	17	2	BM-34663	Body	16	3	BM-62213-B	Aneroid	3	6
BM-28848	Drive	5	1	BM-40248	Cup	16	3	BM-62218-F	Aneroid	3	3
BM-28849	Housing	5	1			16	4			3	6
BM-28861	Spring	3	6	BM-41115	Connection	15	1	BM-62218-AC	Aneroid	3	6
BM-28862	Spring	3	5	BM-41116	Connection	15	1	BM-62740	Manifold	17	2
BM-28863	Spring	3	4	BM-42923	Injector	16	3	BM-64392	Tube	17	4
BM-28924	Injector	16	3	BM-43000	Body	16	3	BM-64393	Tube	17	4
		16	4			16	4	BM-64394	Tube	17	4
BM-30020	Cup	16	3	BM-43001	Body	16	3	BM-64395	Tube	17	4
		16	5			16	4	BM-64396	Tube	17	4
BM-30021	Injector	16	5	BM-43413	Tube	17	2	BM-64397	Tube	17	4
BM-30073	Connection	15	1	BM-43414	Tube	17	2	BM-64398	Tube	17	4
BM-30075	Connection	15	1	BM-43416	Tube	17	1	BM-64399	Tube	17	4
BM-30097	Body	16	3	BM-43417	Tube	17	1	BM-64400	Tube	17	4
		16	4	BM-43418	Tube	17	1	BM-64401	Tube	17	4
		16	5	BM-45839	Housing	9	1	BM-64402	Tube	17	4
BM-30239	Tube	17	1	BM-45851	Housing	9	1	BM-64403	Tube	17	4
BM-30240	Tube	17	2	BM-47645	Injector	16	3	BM-64404	Tube	17	4
M-30265	Manifold	17	2			16	4	BM-64744	Injector	16	4
BM-30325	Tube	17	2	BM-47650	Cup	16	4			16	5
BM-30408	Injector	16	3	BM-47676	Tube	17	3	BM-64830	Cup	16	1
BM-30413	Manifold	17	2	BM-47678	Tube	17	3			16	4
BM-30414	Manifold	17	2	BM-47865	Body	16	4			16	5
BM-30415	Manifold	17	2	BM-48844	Spring	3	5	BM-64831	Injector	16	4
BM-30446	Manifold	17	2	BM-48862	Manifold	17	2			16	5
BM-30451	Tube	17	1	BM-49160	Manifold	17	2	BM-66512	Connection	15	1
BM-30575	Tube	17	1	BM-51475	Injector	16	3	BM-66513	Connection	15	1
BM-30582	Tube	17	2			16	4	BM-67409	Housing	1	1
BM-30583	Tube	17	2	BM-51477	Injector	16	3	BM-67410	Drive	1	2
BM-30584	Tube	17	2	BM-53139	Seal	4	1	BM-67411	Drive	1	2
BM-30585	Tube	17	2	BM-53140	Carrier	4	1	BM-67412	Drive	1	2
BM-30595	Tube	17	1	BM-53142	Carrier	4	1	BM-67413	Drive	1	2
BM-30596	Tube	17	1	BM-53145	Seal	4	2	BM-67414	Drive	1	2
BM-30659	Cup	16	4	BM-54732	Cup	16	3	BM-67415	Drive	1	2
BM-30662	Cup	16	4	BM-54733	Injector	16	3	BM-67416	Guide	3	1
BM-30730	Spring	3	3	BM-54851	Injector	16	4	BM-67417	Pack	3	1
		3	6	BM-54855	Injector	16	4	BM-67421	Damper	9	1
BM-30826	Body	16	3	BM-54857	Injector	16	4	BM-67512	Cup	16	2
BM-30836	Body	16	4	BM-55830	Pump	9	1			16	5
		16	5	BM-55831	Pump	9	1	BM-68523	Spring	3	4
BM-31183	Tube	17	3	BM-55832	Pump	9	1			3	6
BM-31308	Connection	15	1	BM-55833	Pump	9	1	BM-68544	Spring	3	6
BM-31309	Connection	15	1	BM-59906	Cover	4	1	BM-68645	Tube	17	3
M-31405	Drive	5	1	BM-59907	Mainshaft	4	1	BM-68647	Crossover	17	2
BM-31634	Spring	3	4	BM-60037	Cup	16	1	BM-68672	Cup	16	1
		3	5			16	5			16	3
BM-31764	Body	16	4	BM-60088	Tube	17	4			16	4

SUPPLEMENTAL INDEX (Cont'd)

Part No.	Part Name	Section	Page No.	Part No.	Part Name	Section	Page No.	Part No.	Part Name	Section	Page No.
BM-68673	Injector	16	3	BM-70020	Tube	17	3	BM-72307	Body	16	2
BM-68793	Spring	3	4	BM-70122	Injector	16	4			16	4
		3	5	BM-70161-Z	Aneroid	3	6	BM-72422	Spring	3	3
		3	6	BM-70161-AL	Aneroid	3	6	BM-72442	Spring	3	5
BM-68933	Spring	3	4	BM-70194	Cup	16	3	BM-72514	Spring	3	3
BM-68974	Injector	16	3	BM-70220-AG	Aneroid	3	6	BM-72520	Drive	1	1
		16	4	BM-70245	Body	16	4	BM-72521	Drive	1	2
BM-69165	Tube	17	3	BM-70259	Housing	1	1	BM-72522	Drive	1	2
BM-69700	Shaft	1	1	BM-70284	Injector	16	3	BM-72523	Drive	1	2
		2	1	BM-70290	Shaft	1	1	BM-72524	Drive	1	2
BM-69701	Shaft	2	1			2	1	BM-72525	Drive	1	2
BM-69702	Shaft	2	1	BM-70291	Shaft	2	1	BM-72530	Drive	1	1
BM-69703	Shaft	2	1	BM-70292	Shaft	2	1			1	2
BM-69704	Shaft	2	1	BM-70293	Shaft	2	1	BM-72531	Drive	1	2
BM-69705	Shaft	2	1	BM-70294	Shaft	2	1	BM-72532	Drive	1	2
BM-69885	Weight	3	3	BM-70295	Shaft	2	1	BM-72533	Drive	1	2
		3	4	BM-70507	Housing	1	1	BM-72534	Drive	1	2
		3	5	BM-70508	Mainshaft	4	1	BM-72535	Drive	1	2
		3	6	BM-70509	Mainshaft	4	1	BM-72537	Weight	3	3
		4	1	BM-70510	Mainshaft	4	1			3	5
BM-69886	Mainshaft	4	1	BM-70525	Mainshaft	4	2			3	6
BM-69889	Pack	3	1	BM-70526	Mainshaft	4	2			4	1
BM-69894	Mainshaft	4	1	BM-70554	Tube	17	4	BM-72538	Mainshaft	4	1
BM-69973	Valve	7	1	BM-70588	Spring	3	6	BM-72575	Body	16	4
BM-69974	Valve	7	1	BM-70623	Body	16	4			16	5
BM-69976	Valve	7	1	BM-70640	Drive	1	2	BM-72576	Body	16	
BM-69977	Valve	7	1	BM-70641	Drive	1	2	BM-72609	Spring	3	3
BM-69979	Valve	7	1	BM-70642	Drive	1	2	BM-72629	Injector	16	1
BM-69980	Valve	7	1	BM-70643	Drive	1	2	BM-72695	Tube	17	4
BM-69982	Valve	7	1	BM-70644	Drive	1	2	BM-72696	Tube	17	4
BM-69983	Valve	7	1	BM-70645	Drive	1	2	BM-72697	Tube	17	4
BM-69985	Valve	7	1	BM-70662	Valve	7	2	BM-72753	Mainshaft	4	1
BM-69986	Valve	7	1	BM-70663	Valve	7	2	BM-72760	Mainshaft	4	1
BM-69988	Valve	7	1	BM-71161	Tube	17	3	BM-72887	Body	16	1
BM-69989	Valve	7	1	BM-71162	Tube	17	3			16	4
BM-69991	Valve	7	1	BM-71210	Tube	17	3			16	5
BM-69992	Valve	7	1	BM-71216	Housing	1	1	BM-72888	Body	16	1
BM-69994	Valve	7	1	BM-71284	Tube	17	3			16	4
BM-69995	Valve	7	1	BM-71382	Cup	16	2			16	5
BM-70003	Tube	17	3			16	4	BM-72889	Body	16	1
BM-70004	Tube	17	3	BM-71484	Spring	3	3			16	5
BM-70005	Tube	17	3	BM-71515	Spring	3	3	BM-73008	Spring	3	4
BM-70006	Tube	17	3			3	4			3	5
BM-70007	Tube	17	3	BM-71636	Injector	16	3	BM-73068	Spring	3	3
BM-70008	Tube	17	3	BM-71772	Housing	1	1	BM-73069	Spring	3	5
BM-70009	Tube	17	3	BM-71808	Injector	16	4	BM-73070	Spring	3	5
BM-70011	Tube	17	3	BM-71819	Body	16	3	BM-73254	Tube	17	4
BM-70012	Tube	17	3	BM-71894	Spring	3	3	BM-73316	Injector	16	1
BM-70013	Tube	17	3	BM-72026	Carrier	4	1			16	4
BM-70015	Tube	17	3	BM-72029-AM	Aneroid	3	6	BM-73327	Injector	16	1
BM-70016	Tube	17	3	BM-72033	Injector	16	2	BM-73350	Spring	3	
BM-70017	Tube	17	3			16	4	BM-73429	Mainshaft	4	1
BM-70018	Tube	17	3	BM-72146	Valve	7	1	BM-73445	Spring	3	3
BM-70019	Tube	17	3	BM-72147	Valve	7	1	BM-73446	Spring	3	3

SUPPLEMENTAL INDEX (Cont'd)

Part No.	Part Name	Section	Page No.	Part No.	Part Name	Section	Page No.	Part No.	Part Name	Section	Page No.
BM-73475	Injector	16	1	BM-74745	Spring	3	3	70467	Clamp	17	1
		16	4	BM-74751	Spring	3	3			17	3
		16	5	BM-74774	Spring	3	3			17	4
BM-73640	Injector	16	1	BM-74775	Spring	3	5	70468	Clamp	17	1
		16	5	BM-74780	Spring	3	5	70689	Gasket	9	1
BM-73641	Injector	16	2	BM-74846	Spring	3	4	70690	Driver	1	1
		16	5			3	5	70699	Ring	4	1
BM-73642	Injector	16	1			3	6	70700	Spring	5	1
		16	5	BM-74867	Spring	3	4	70704	Washer	2	1
BM-73651	Valve	7	1	BM-74868	Spring	3	5			3	1
BM-73652	Valve	7	1	BM-74910	Housing	1	1			4	1
BM-73817	Valve	7	2	BM-74970	Drive	1	1			9	1
BM-73818	Valve	7	2			1	2	70705	Gasket	3	1
BM-73835	Spring	3	3	BM-74971	Drive	1	2	70713	Retainer	3	1
		3	4	BM-74972	Drive	1	2	70715	Washer	3	1
		3	5	BM-74973	Drive	1	2	70716	Screw	3	1
BM-73896	Spring	3	3	BM-74974	Drive	1	2	70717	Shim	3	1
		3	4	BM-74975	Drive	1	2	70717-A	Shim	3	1
BM-73968	Spring	3	4	7614	Clip	17	4	70717-B	Shim	3	1
		3	6			19	1	70720	Gear	5	1
BM-73995	Spring	3	6	8080	Gasket	15	1	70723	Bushing	5	1
BM-74021	Body	16	2	9052-1	Cap	5	1	70729	Pin	1	1
		16	5	9426-2	Gasket	15	1			2	1
BM-74050	Spring	3	3	11495	Manifold	17	1	70732	Gasket	5	1
BM-74052	Spring	3	6	11496	Manifold	17	1	70739	Key	4	1
BM-74053	Spring	3	4	21533	Manifold	17	1	70763	Clamp	17	4
BM-74054	Spring	3	3	43696-A	Ring	1	1	70772	Capscrew	17	3
BM-74221	Injector	16	3	43765-A	Elbow	17	4	70772-A	Capscrew	5	1
BM-74229	Spring	3	6	44678	Cover	3	1	70776	Ring	16	1
BM-74230	Drive	1	1	44680	Lever	2	1	70777	Connection	9	1
		1	2	44753	Body	15	1	70790	Capscrew	9	1
BM-74231	Drive	1	2	61213	Nipple	17	2	70793	Adapter	17	1
BM-74232	Drive	1	2	62409	Gasket	16	1	70795	Clamp	17	1
BM-74233	Drive	1	2	64234	Clamp	17	2			17	2
BM-74234	Drive	1	2	64235	Clamp	17	2	70799	Adapter	17	2
BM-74235	Drive	1	2			17	4	70800	Adapter	17	1
BM-74268	Housing	1	1	64710	Spacer	17	4			17	4
BM-74273	Housing	1	1	64816-A	Dowel	9	1	70801	Cross	17	2
BM-74297	Spring	3	3	67031	Clip	17	2	70803	Elbow	17	1
BM-74319	Housing	1	1	67684	Washer	7	1	70804	Clamp	17	1
BM-74398	Valve	7	2	67901	Support	17	2	70809	Seal	5	1
BM-74399	Valve	7	2	68174	Key	4	1	70817	Connection	17	1
BM-74585	Valve	7	2	68368-A	Spacer	17	4			17	3
BM-74586	Valve	7	2	68606	Plug	1	1	70826	Cap	5	1
BM-74587	Valve	7	2	69461	Adapter	17	4	70829	Nut	17	2
BM-74588	Valve	7	2	69739	Stud	17	2	70847	Retainer	15	1
BM-74629	Injector	16	4	69793	Capscrew	4	1	70854	Gasket	15	1
		16	5	70295	Plug	3	1	70855	Connection	15	1
BM-74630	Injector	16	1			7	1	70856	Spring	15	1
		16	5			9	1	100099	Ring	9	1
BM-74631	Injector	16	2	70323	Grommet	17	1	100127	Bearing	9	1
		16	5	70373	Grommet	17	1	100129	Capscrew	9	1
BM-74652	Spring	3	3	70415	Ring	1	1	100132	Shaft	9	1
BM-74737	Spring	3	3			2	1	100134	Shaft	9	1

SUPPLEMENTAL INDEX (Cont'd)

Part No.	Part Name	Section	Page No.	Part No.	Part Name	Section	Page No.	Part No.	Part Name	Section	Page No.
100142	Cross	17	2	118227	Dowel	1	1	138811	Spring	3	1
100192	Shaft	4	1	124019	Seal	3	1	138862	Plunger	3	3
100193	Bushing	1	1	124020	Wire	3	1			3	4
100205	Gear	4	1	125095	Body	15	1	138905	Washer	1	1
		4	2	127831	Guide	16	2	138973	Capscrew	3	1
100215	Shaft	9	1	128002	Clamp	16	2	139153	Collet	16	1
100217	Shaft	9	1	128040	Spring	16	1	139230	Gasket	9	1
100336	Elbow	17	2	128246	Manifold	17	1	139473	Plug	1	1
100337	Elbow	17	1	129215	Clamp	16	1	139584	Spring	3	3
100338	Elbow	17	1	129622	Connector	17	4	139585	Spring	3	3
100339	Cross	17	1	129768	Spring	7	1			3	6
100446	Manifold	17	1	129826	Housing	7	1	139586	Spring	3	3
100764	Gasket	4	1	129827	Valve	7	1	139588	Spring	3	5
100765	Cover	2	1	129838	Knob	7	1	139618	Plunger	3	3
101124	Stop	1	1	129839	Shield	7	1			3	5
		2	1	129888	"O" ring	7	1	139619	Plunger	3	4
101132	Body	15	1	131026	Elbow	17	3			3	5
101468	Dowel	9	1	131430	Capscrew	16	2	139834	Diaphragm	9	1
119363	Gear	9	1	131634	Plunger	3	4	139894	Plunger	3	4
119364	Gear	9	1	134047	Coil	7	1			3	5
101754	"O" ring	16	1	134072	Coil	7	1	139969	Nipple	9	1
		16	2	134073	Coil	7	1	139988	Ring	9	1
101841	Shim	1	1	134074	Coil	7	1	140418	Plunger	3	4
101842	Shim	1	1	134075	Coil	7	1			3	6
101843	Shim	1	1	134076	Coil	7	1	140419	Plunger	3	4
101918	Coupling	4	1	134077	Coil	7	1	140618	Housing	1	1
101981	Gear	5	1	134078	Coil	7	1	140922	Plunger	3	3
101983	Gear	4	1	134080	Coil	7	1			3	4
102826	Manifold	17	1	134081	Coil	7	2			3	6
102827	"O" ring	7	1	135958	Plunger	3	3	140923	Plunger	3	4
102974	Coupling	4	1	136042	Clamp	16	1			3	5
103036	Gear	4	1	136749	Screen	16	1	140924	Plunger	3	4
103089	Washer	4	1	137370	Plunger	3	3			3	5
103235	Manifold	17	1			3	5	140925	Plunger	3	3
103729	Dowel	1	1			3	6			3	5
104038	Seal	4	1	137372	Pin	1	1	140926	Plunger	3	4
104087	Shaft	5	1	138768	Spring	3	4	140927	Plunger	3	4
104536	Ferrule	17	2			3	5	140966	Plunger	3	5
105375	Plate	1	1	138769	Spring	3	6	141625	Plunger	3	3
106673	Body	15	1	138780	Spring	3	4	141629	Plunger	3	4
106674	Spring	15	1			3	5			3	5
106675	Retainer	15	1	138781	Spring	3	4	141630	Plunger	3	6
106676	Ring	15	1	138782	Spring	3	4	141631	Plunger	3	3
106677	Filter	15	1			3	5			3	5
106727	Manifold	17	1	138783	Spring	3	3	141632	Plunger	3	4
108393	Shield	17	2			3	6			3	5
109915	Screw	1	1	138785	Spring	3	3			3	6
		2	1			3	4	141633	Plunger	3	3
110855	Gasket	9	1			3	5			3	5
113083	Bushing	4	1	138786	Plunger	3	6	141634	Plunger	3	5
114791	Ring	7	1	138787	Spring	3	4	141636	Plunger	3	4
117179	Manifold	17	1	138788	Spring	3	4			3	5
117949	Connection	17	1	138789	Spring	3	6			3	6
118226	Capscrew	4	1	138810	Spring	3	1	141637	Plunger	3	3

SUPPLEMENTAL INDEX (Cont'd)

Part No.	Part Name	Section	Page No.	Part No.	Part Name	Section	Page No.	Part No.	Part Name	Section	Page No.
141663	Plunger	3	4	144830	Shaft	1	1	149420	Plunger	1	1
141676	Plunger	1	1			2	1	149421	Plunger	1	2
		2	1	144831	Shaft	2	1	149422	Plunger	1	2
142149	Setscrew	1	1	144832	Shaft	2	1	149423	Plunger	1	2
		2	1	144833	Shaft	2	1	149424	Plunger	1	2
142179	Shim	1	1	144834	Shaft	2	1	149425	Plunger	1	2
142696	Spring	3	4	144835	Shaft	2	1	149726	Plug	16	1
		3	5	145948	Plunger	3	3	150830	Plunger	1	1
		3	6	145949	Plunger	3	6			1	2
142697	Spring	3	3	145950	Plunger	3	3	150831	Plunger	1	2
		3	5	145952	Plunger	3	3	150832	Plunger	1	2
		3	6	145961	Plunger	3	3	150833	Plunger	1	2
142698	Spring	3	3	145963	Plunger	3	3	150834	Plunger	1	2
		3	5	145965	Plunger	3	3	150835	Plunger	1	2
		3	6	145966	Plunger	3	3	S-930-E	Tee	17	2
142707	Spring	3	3	145969	Plunger	3	3	S-933	Tee	17	4
142850	Spring	3	6	145971	Plunger	3	3	S-945	Nipple	17	3
142865	Spring	3	4	145994	Link	16	2			17	4
142867	Spring	3	4	146482	Magnet	5	1	S-946	Nipple	17	4
142987	Adapter	17	3	146483	Screen	5	1	S-1003-1	Connection	15	1
143025	Adapter	17	3	146484	Screen	5	1	S-1006-1	Tee	17	2
143026	Adapter	17	3	146620	Sleeve	16	1	S-1008-1	Connector	17	4
143253	Spring	3	4	146621	Link	16	1	S-1014-1	Elbow	17	4
143679	Shaft	7	1	146814	Link	16	1	S-1016-A	Tee	17	4
143809	Coil	7	1			16	2	S-1022-A	Nut	17	1
143847	Spring	4	1	147100	Crossover	17	3			17	3
143920	Plunger	1	2	147135	Support	17	4	S-1023	Nut	17	4
143921	Plunger	1	2	147558	Retainer	16	1	S-1023-A	Nut	17	1
143922	Plunger	1	2	147559	Gasket	16	1			17	3
143923	Plunger	1	2	147626	Ball	16	1			17	4
143924	Plunger	1	2	147901	Seal	5	1	S-1027	Connector	7	1
143925	Plunger	1	2	147991	Clip	17	4	S-1028	Elbow	17	4
144178	Plunger	4	1	148254	Guide	16	2	S-1036	Elbow	17	3
144179	Shim	4	1	148338	Plug	16	1			17	4
144195	Spring	3	1	148376	Connector	17	3	S-1050	Adapter	17	4
144302	Spacer	1	1	148720	Plunger	1	1	S-1051	Nut	17	4
144320	Plunger	1	2			1	2	S-1650	Bearing	4	1
144321	Plunger	1	2	148721	Plunger	1	2	S-1873-A	Nut	17	2
144322	Plunger	1	2	148722	Plunger	1	2	S-16206	Snapwire	2	1
144323	Plunger	1	2	148723	Plunger	1	2	S-16240	Ring	3	1
144324	Plunger	1	2	148724	Plunger	1	2	S-16257	Ring	4	1
144325	Plunger	1	2	148725	Plunger	1	2				
144530	Shaft	1	1	148730	Plunger	1	1				
		2	1			1	2				
144531	Shaft	2	1	148731	Plunger	1	2				
144532	Shaft	2	1	148732	Plunger	1	2				
144533	Shaft	2	1	148733	Plunger	1	2				
144534	Shaft	2	1	148734	Plunger	1	2				
144535	Shaft	2	1	148735	Plunger	1	2				
144623	Housing	9	1	149174	Coil	7	2				
144660	Plate	9	1	149175	Coil	7	2				
144707	Coil	7	2	149177	Coil	7	2				

