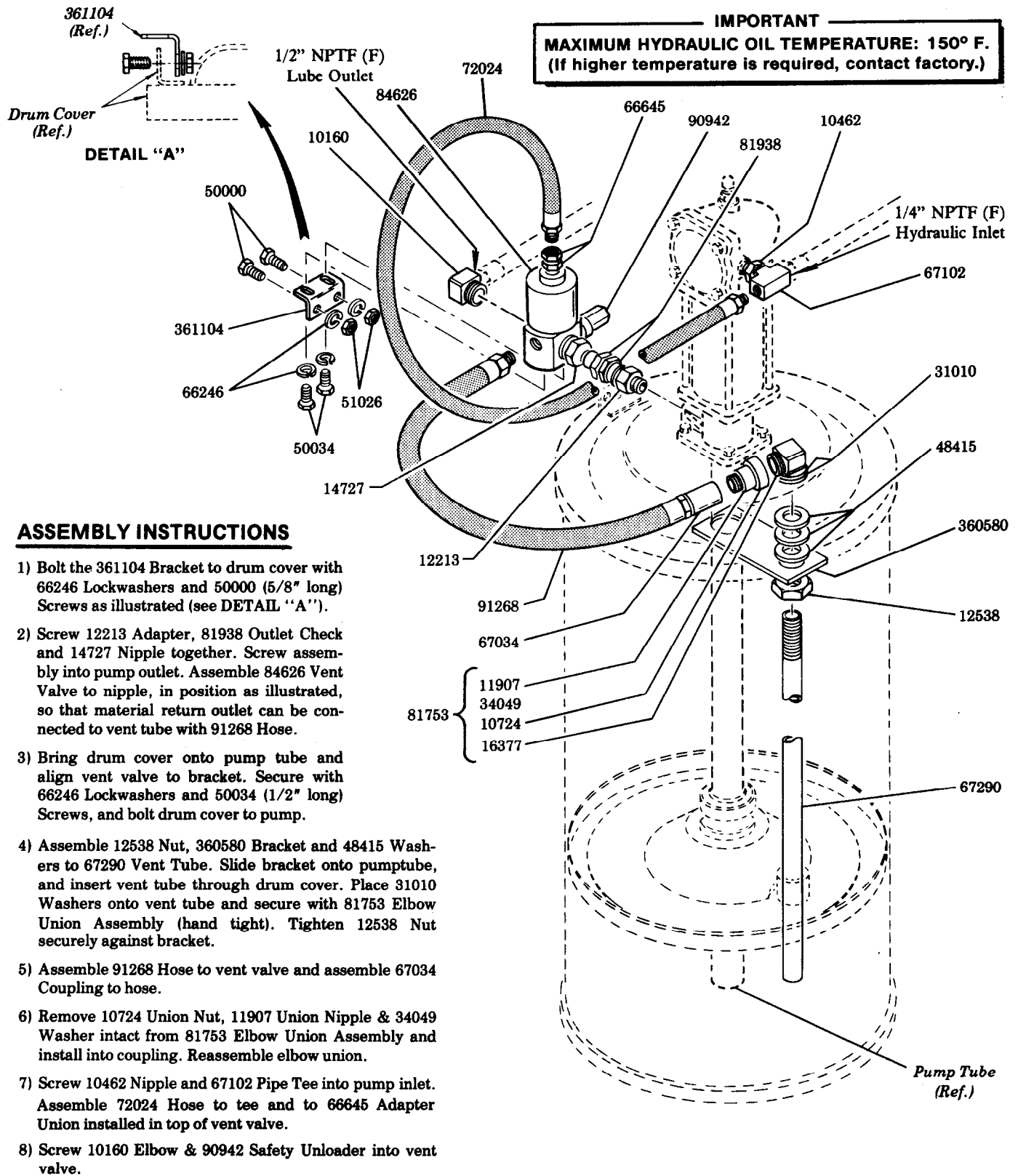


VENT VALVE ASSEMBLY

FOR OFF-HIGHWAY TYPE MINING MACHINERY
120 LB. DRUM

Model 84619



ASSEMBLY INSTRUCTIONS

- 1) Bolt the 361104 Bracket to drum cover with 66246 Lockwashers and 50000 (5/8" long) Screws as illustrated (see DETAIL "A").
- 2) Screw 12213 Adapter, 81938 Outlet Check and 14727 Nipple together. Screw assembly into pump outlet. Assemble 84626 Vent Valve to nipple, in position as illustrated, so that material return outlet can be connected to vent tube with 91268 Hose.
- 3) Bring drum cover onto pump tube and align vent valve to bracket. Secure with 66246 Lockwashers and 50034 (1/2" long) Screws, and bolt drum cover to pump.
- 4) Assemble 12538 Nut, 360580 Bracket and 48415 Washers to 67290 Vent Tube. Slide bracket onto pump tube, and insert vent tube through drum cover. Place 31010 Washers onto vent tube and secure with 81753 Elbow Union Assembly (hand tight). Tighten 12538 Nut securely against bracket.
- 5) Assemble 91268 Hose to vent valve and assemble 67034 Coupling to hose.
- 6) Remove 10724 Union Nut, 11907 Union Nipple & 34049 Washer intact from 81753 Elbow Union Assembly and install into coupling. Reassemble elbow union.
- 7) Screw 10462 Nipple and 67102 Pipe Tee into pump inlet. Assemble 72024 Hose to tee and to 66645 Adapter Union installed in top of vent valve.
- 8) Screw 10160 Elbow & 90942 Safety Unloader into vent valve.

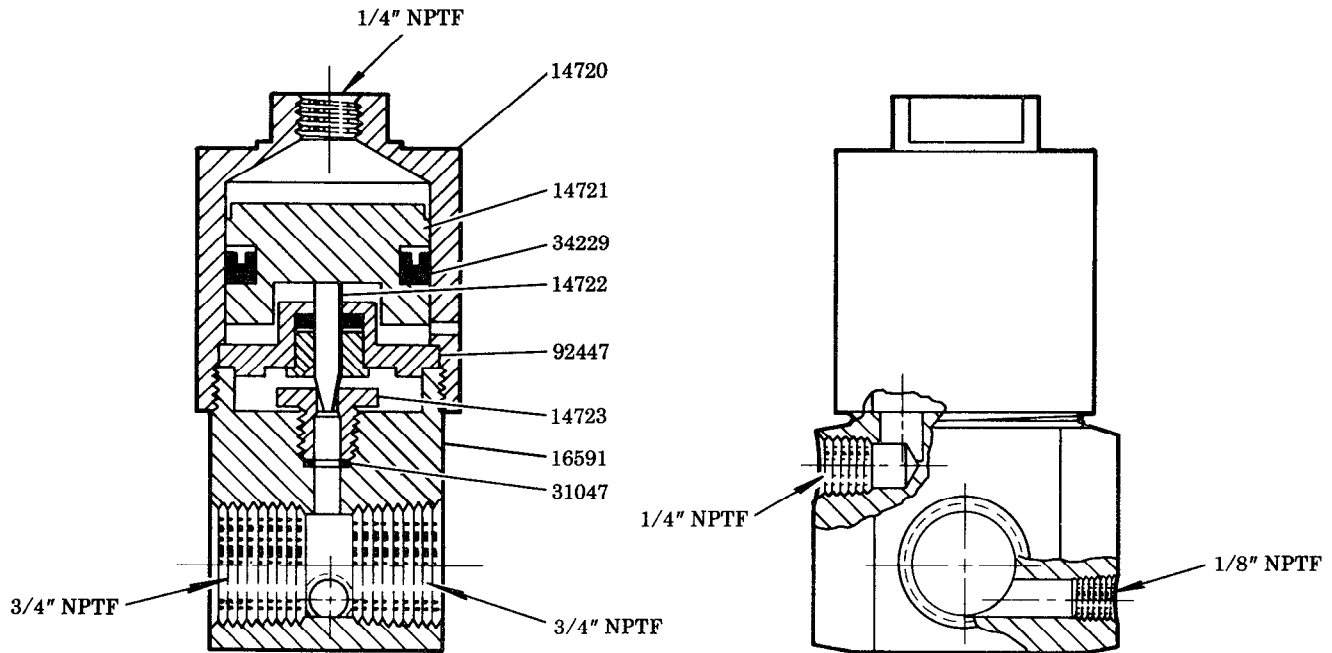


A DIVISION OF
McNEIL CORPORATION

One Lincoln Way
St. Louis, MO 63120-1578
(314) 679-4200

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**84626
VENT VALVE ASSEMBLY**



SERVICE PARTS

PART	QUAN.	DESCRIPTION	PART	QUAN.	DESCRIPTION
10160	1	Elbow	50000	2	Screw
10462	1	Nipple	50034	2	Screw
10724	1	Union nut	51026	2	Nut
11907	1	Union nipple	66246	4	Lockwasher
12213	1	Adapter	66645	1	Adapter union
12538	1	Nut	67034	1	Coupling
14720	1	Air cylinder	67102	1	Pipe tee
14721	1	Piston	67290	1	Vent tube
14722	1	Needle	72024	1	Hose
14723	1	Valve seat	81753	1	Elbow union assembly
14727	1	Nipple	81938	1	Outlet check
16377	1	Check housing	84626	1	Vent valve assembly
16591	1	Valve body	90942	1	Safety unloader
31010	2	Washer (copper)	91268	1	Hose
31047	1	Check seat gasket	92447	1	Packing
34049	1	Washer	360580	1	Bracket
34229	1	Packing	361104	1	Bracket
48415	3	Washer (steel)			

RETAIN THIS INFORMATION FOR FUTURE REFERENCE

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

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

A list of Authorized Service Departments will be furnished upon request.