

FIX-N-FAX #83a

CALIFORNIA DEPARTMENT OF FORESTRY AND FIRE PROTECTION

No. 83A

Date: July 1995

1989/90 Model #9 Foam Injection System Installation Upgrade

This Fix-N-Fax contains recommendations to improve the reliability of the Foam Injection System on the 1989/90 CDF Model #9s.

NOTE:

- Due to the nature of Class "A" Foam Concentrate, it is important to use components manufactured out of materials that will not react with the product over time. (Example: stainless steel, brass, plastic, etc.)
- These recommendations can be applied to any CDF installation of the Foam Pro 2000 series System.

Recommendations:

- Remove electric solenoid and install a brass quarter turn valve at the concentrate tank.
- Install a bronze Y-style stainer, ½ pipe at the Foam Injection Pump inlet port.

½ pipe, 2 ½ END TO END

1 ½ center to bottom

Stainer screen #4385K33

Ref. H11

- Install a ½ brass spring-loaded check valve at the E-Ductor.

4871 K21 cast brass, ½ pipe with
burna-N seat

Ref. H12

- Replace existing plumbing from the concentrate tank to the Foam Injection Pump.

Install ½ synflex tubing with brass inserts from the Quarter turn valve to the Injection Pump inlet port.
(Part #3250-08104)

- Replace existing plumbing from the Injection Pump pressure port to the check valve.

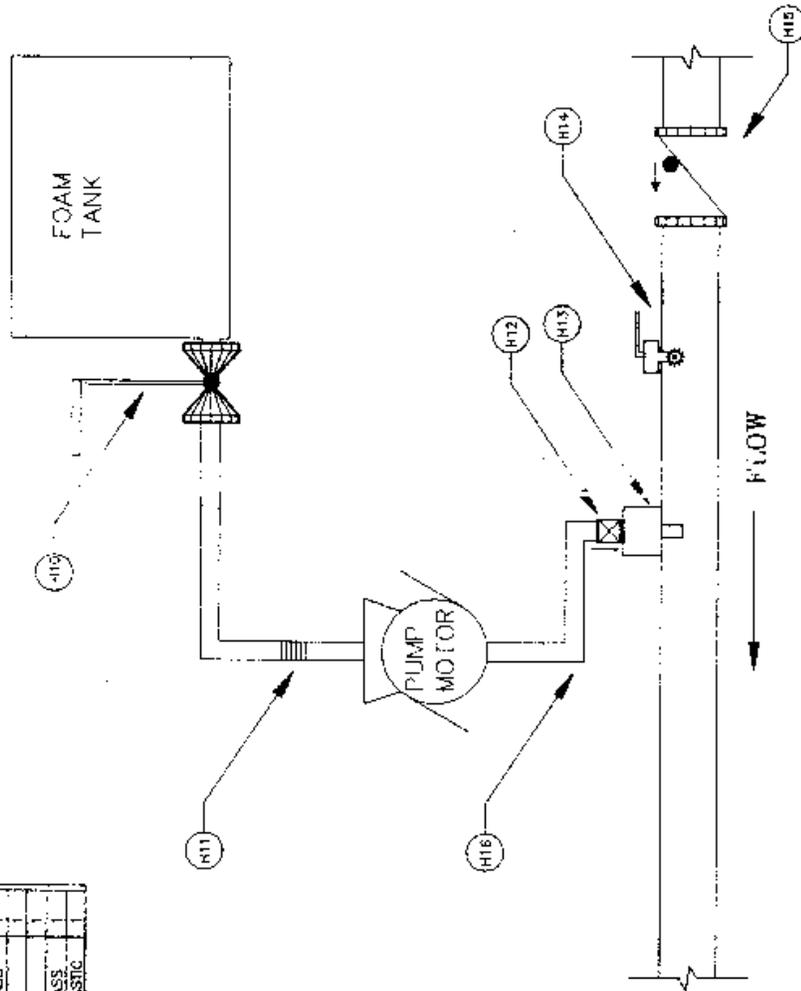
Install ½synflex tubing with brass inserts from the Injection Pump pressure port to the check valve at E-ductor.
(Part #3250-08104)

NOTE:

Part numbers for Hardware	Ref:	McMaster-Carr Telephone: (310) 692-5911
Part Number for Synflex Tubing	Ref:	Eaton Corporation Industrial Polymer Products Division Telephone: (216) 562-9111

(see FIX-N-FAX INDEX)

HARDWARE SCHEDULE			
NUMBER	HARDWARE	P/N	MATERIAL QTY
H10	QUARTER TURN VALVE		BRASS 1
H11	FILTER	A389K33	BRASS 1
H12	CHECK VALVE	487TK21	BRASS 1
H13	INDUCTOR		
H14	PADNLE WHEEL		
H15	2" CLIPPER		BRASS 1
H16	SYNPLEX TUBING	325D-08T104	PLASTIC 1

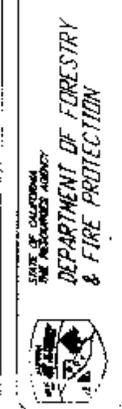


ASSEMBLY DRAWING

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DATE	DESCRIPTION
11/11/81	REVISION 1
11/11/81	REVISION 2
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11/11/81	REVISION 6
11/11/81	REVISION 7
11/11/81	REVISION 8
11/11/81	REVISION 9
11/11/81	REVISION 10

DESIGNED BY	DATE
DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE



PLAN CATEGORY/WORKING	NO. 1	IF
PROJECT FOAM	NO. 1	FOAM
LOCATION Davis	NO. 1	001

NO. 1	IF
NO. 1	FOAM
NO. 1	001

