

# PARTS CATALOG

FOR A

J.H. **FLETCHER** & CO.

MINING PRODUCT

CUSTOMER..... PYXIS PARAMOUNT  
MACHINE MODEL..... RR-II-13, C-F  
SERIAL NUMBER..... 90121 & 122  
CUSTOMER ORDER NUMBER..... 9-974943 & 44  
ELECTRICAL APPROVAL NUMBER..... 2G-3715A  
HEALTH APPROVAL NUMBER..... 56226-P/T-1045 25B-439  
PENNSYLVANIA APPROVAL NUMBER... N/A

# WARNING

## READ BEFORE STARTING MACHINE

The safe operation of this machine requires special knowledge, training and experience - do not attempt to operate unless you have read the Operator's Manual and have received the task training required by MSHA (30 CFR 48.7).

- Review the SAFETY REMINDERS before starting operation.
- Perform the START OF SHIFT SAFETY CHECKLIST before placing machine in operation.
- Report any unsafe or hazardous condition to your supervisor immediately - BEFORE CONTINUING OPERATION.
- Changes in machine adjustments are to be made only by properly trained and authorized personnel.
- Do not modify machine or utilize repaired or replacement parts that do not meet J. H. Fletcher & Co. specifications.
- Always remove and lock out power at distribution box before performing inspection, maintenance or repair.
- Before leaving the section, perform the END OF SHIFT SHUTDOWN CHECKLIST.

Failure to observe the warnings above or careless operation can result in serious injury or death to yourself or others.

THE SAFE OPERATION OF THIS MACHINE IS YOUR RESPONSIBILITY

This and all other safety notices must be maintained on the machine at all times - DO NOT REMOVE THIS NOTICE - replace as required.

Part No. 159539



**J. H. FLETCHER & CO.**  
707 WEST 7TH STREET  
HUNTINGTON, W. VA.

R

DATE

TITLE

159539 WARNING STICKER

SHEET NO.  
115-1

**DANGER**

**NEVER STAND OR  
TRAVEL BEYOND  
SUPPORTED ROOF**

**DO NOT REMOVE LABEL**

© J. H. Fletcher & Co., 1987

Part No.: 159549



SHEET NO.  
WS-3

TITLE  
159549 WARNING STICKER

DATE

R

**J. H. FLETCHER & CO.**  
107 WEST 7TH STREET HUNTINGTON, W. VA

**WARNING**  
PINCH POINTS CAN CAUSE  
INJURY.  
DO NOT OPERATE WITHOUT  
GUARD IN PLACE.  
DO NOT REMOVE LABEL  
© J. H. Fletcher & Co., 1987 Part No. 159546

SHEET NO. WS-2	TITLE 159546 WARNING STICKER	DATE	R	<b>J. H. FLETCHER &amp; CO.</b> 707 WEST 7TH STREET HUNTINGTON W. VA.
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**DANGER**



NEVER TOUCH OR HOLD ONTO A ROTATING DRILL STEEL WRENCH OR BOLTS.  
ALWAYS USE "HANDS OFF" DRILLING METHODS. ACCIDENTS INVOLVING  
DRILLHEAD ROTATION CAN CAUSE SERIOUS INJURY OR DEATH



**DO NOT REMOVE LABEL** Part. No 159543

SHEET NO.

WS-4

TITLE

159543 WARNING STICKER

DATE

R

**J. H. FLETCHER & CO.**

707 WEST 7TH STREET

HUNTINGTON, W. VA

# WARNING



NEVER OPERATE ANY CONTROL IN THE TRAM DECK  
UNLESS SEATED INSIDE THE TRAM DECK WITH YOUR  
**ENTIRE BODY INSIDE.**



**DO NOT REMOVE LABEL** Part No 159542

SHEET NO.

WS--6

TITLE

159542 WARNING STICKER

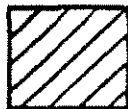
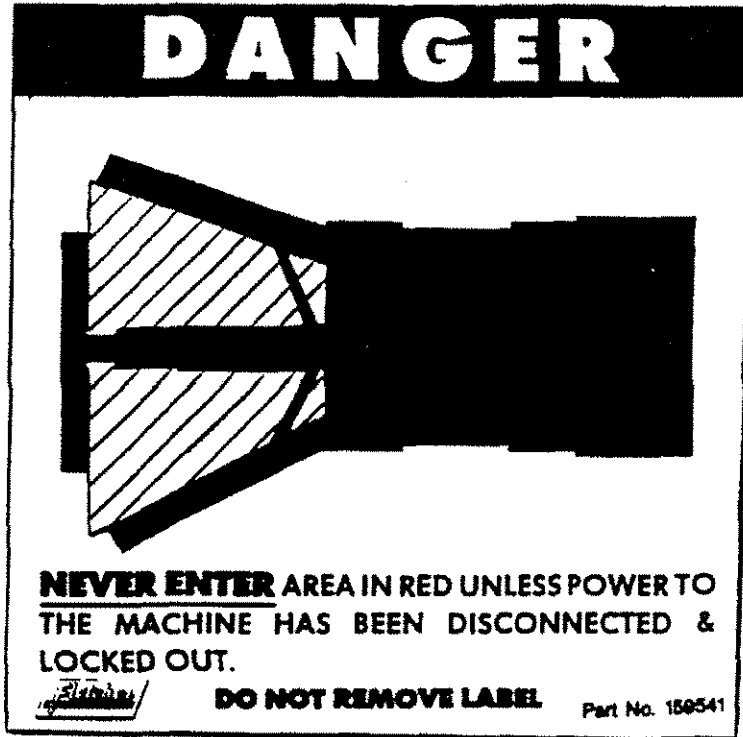
DATE

R

**J. H. FLETCHER & CO.**

707 WEST 7TH STREET

HUNTINGTON W VA



INDICATES RED AREA ON STICKER

SHEET NO. 115-B	TITLE 159541 WARNING STICKER	DATE	R	<b>J. H. FLETCHER &amp; CO.</b> HUNTINGTON, W. VA. 707 WEST 7TH STREET
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# WARNING

**Before Performing Maintenance, Repair  
Or Inspection In This Area Fully Lower or  
Securely Block All Moving Parts and  
Disconnect And Lock Out Power.**

**Serious Injury Can Occur From  
Failure To Observe This Warning.**

**DO NOT REMOVE LABEL**

© J. H. Fletcher & Co., 1987

Part No. 159538

SHEET NO.	TITLE	DATE	R	<b>J. H. FLETCHER &amp; CO.</b> 707 WEST 7TH STREET HUNTINGTON, W. VA
WS-10	159538 WARNING STICKER			



**DANGER**

**! PINCH !  
! POINT !  
AREA**

**KEEP  
CLEAR**

**DO NOT REMOVE LABEL**

© J. H. Fletcher & Co., 1987  
Part No. 159545

**SHEET NO.**

WS-11

**TITLE**

159545 WARNING STICKER

**DATE**

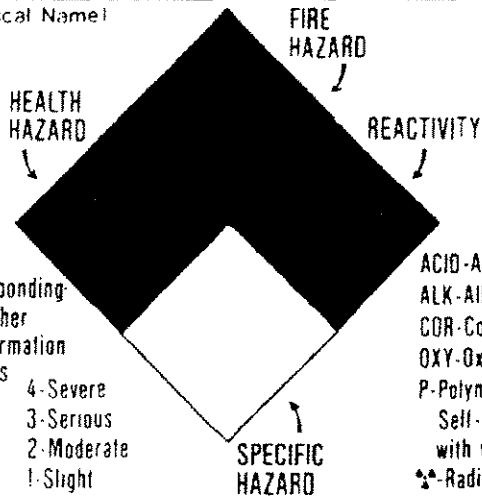
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**J. H. FLETCHER & CO.**

707 WEST 7TH STREET

HUNTINGTON, W. VA.

(Fill in Chemical Name)












Consult Corresponding  
MSDS for Further  
Hazardous Information  
and Instructions

- 4-Severe
- 3-Serious
- 2-Moderate
- 1-Slight
- 0-Minimal

- ACID-Acid
- ALK-Alkali
- COR-Corrosive
- OXY-Oxidizer
- P-Polymerization
- Self-reacting  
with water
- ☼-Radioactive
- ☒-Use No Water

### Personal Protection

(✓ Mark Appropriate Protection Required)

<input type="checkbox"/>  Safety Glasses	<input type="checkbox"/>  Apron	<input type="checkbox"/>  Respirator
<input type="checkbox"/>  Face Shield	<input type="checkbox"/>  Boots	<input type="checkbox"/>  Self Contained Air Respirator
<input type="checkbox"/>  Gloves	<input type="checkbox"/>  Splash Goggles	<input type="checkbox"/>  Full Protection Suit
<input type="checkbox"/> OTHER	<input type="checkbox"/> OTHER	<input type="checkbox"/> OTHER

SHEET NO.

WS-37

TITLE

159578 WARNING STICKER

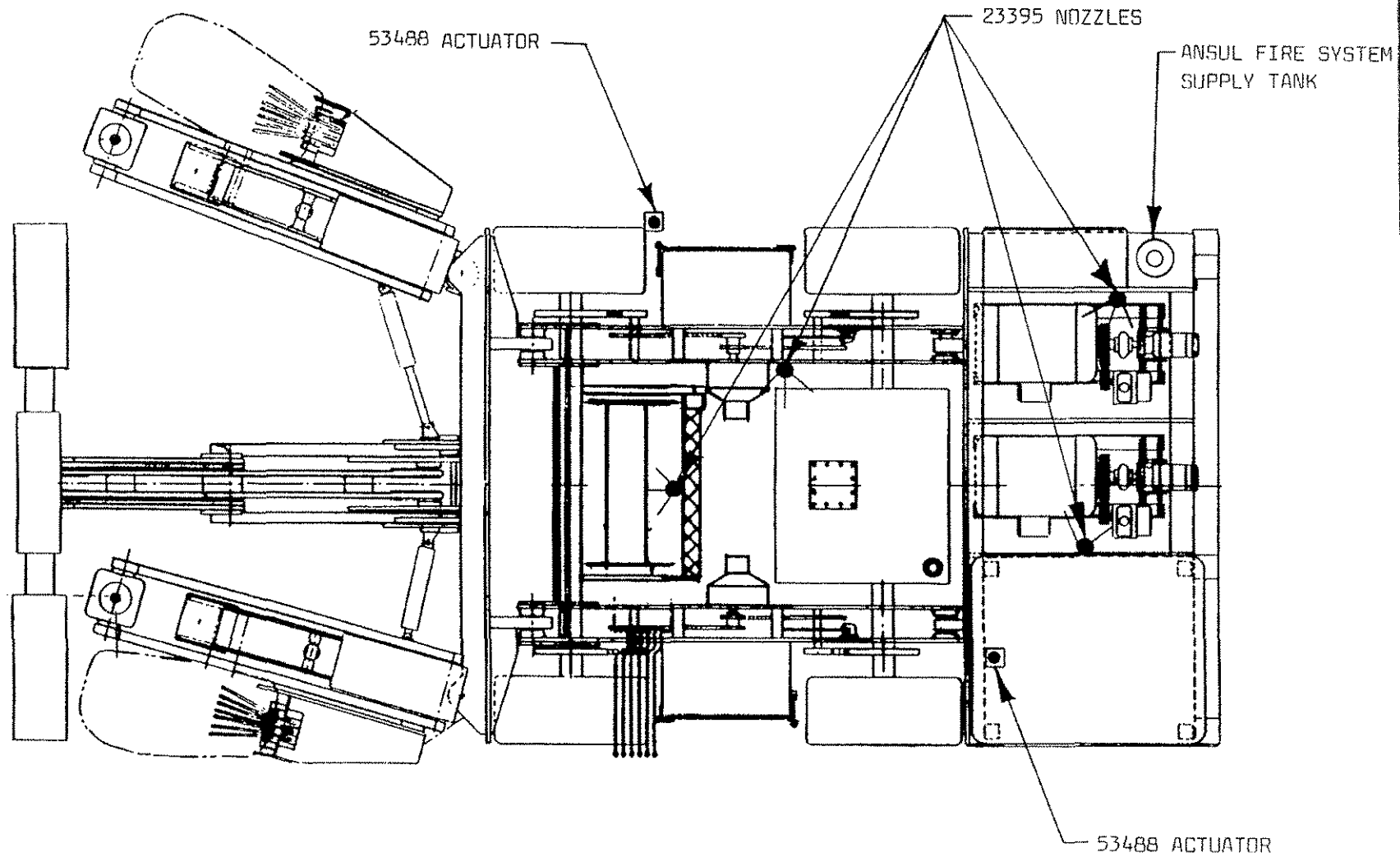
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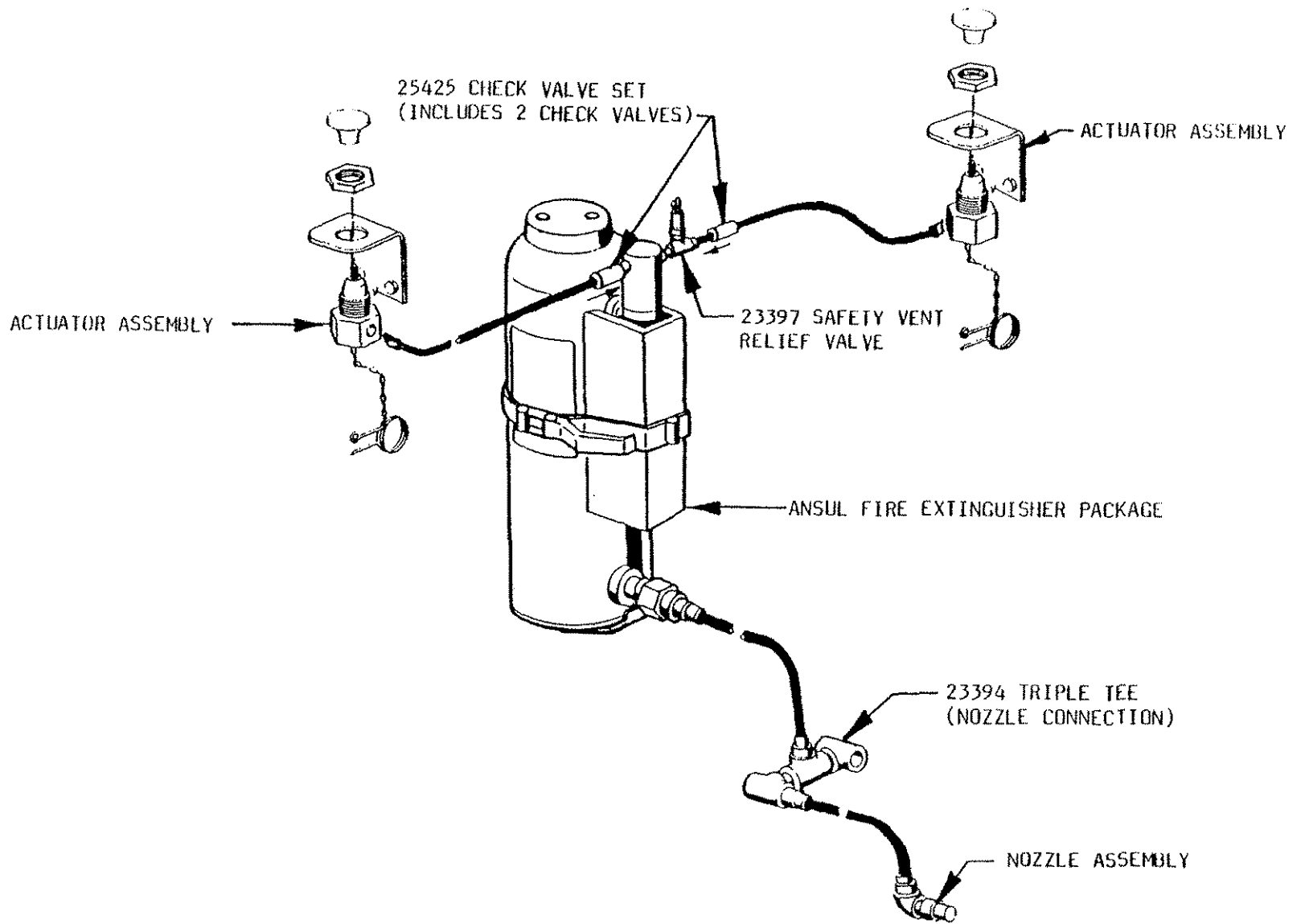
**J. H. FLETCHER & CO.**

707 WEST 7TH STREET

HUNTINGTON, W. VA.



SHEET NO.	TITLE	DATE	R	<b>J. H. FLETCHER &amp; CO.</b> 707 WEST 7TH STREET      HUNTINGTON, W. VA
	LOCATIONS FOR FIRE SYSTEM			



SHEET NO.

TITLE

DATE

R

ANSUL FIRE SYSTEM ARRANGEMENT

**J. H. FLETCHER & CO.**

707 WEST 7TH STREET

HUNTINGTON, W. VA.

SHEET NO.

TITLE

DATE

R

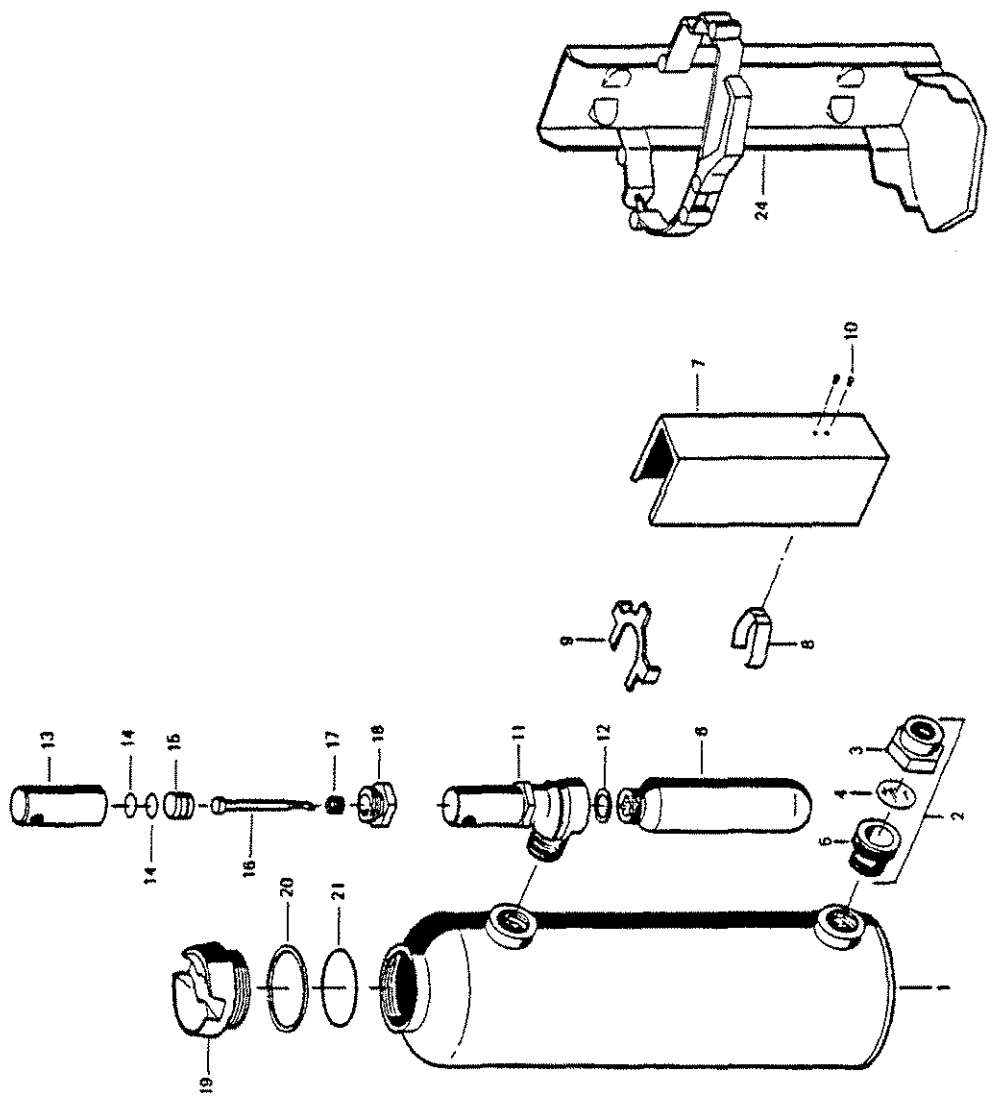
45295 ANSUL 20LB. FIRE EXTINGUISHER PACKAGE

**J. H. FLETCHER & CO.**

707 WEST 7TH STREET

HUNTINGTON, W. VA

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>PART NO.</u>
1	SHELL ASSEMBLY	25315
2	BURSTING DISC UNION ASSEMBLY	25265
3	UNION RING & TAIL PIECE	25316
4	BURSTING DISC	25264
5	ADAPTOR	25317
6	CARTRIDGE ASSEMBLY	25261
7	CARTRIDGE GUARD ASSEMBLY	25332
8	CLIP	25263
9	FORK	25333
10	RIVET	NONE
11	PNEUMATIC CARTRIDGE RECIEVER ACTUATOR	25319
12	GASKET	25260
13	ACTUATOR BODY	25320
14	"O" RING (2 REQ'D)	25321
15	PNEUMATIC SLAVE PISTON	25322
16	PUNCTURE PIN ASSEMBLY	25323
17	SPRING	25324
18	ADAPTOR	25325
19	FILL CAP ASSEMBLY	25326
20	GASKET	25327
21	GUARD RING	25328
24	BRACKET ASSEMBLY	25330



SHEET NO.

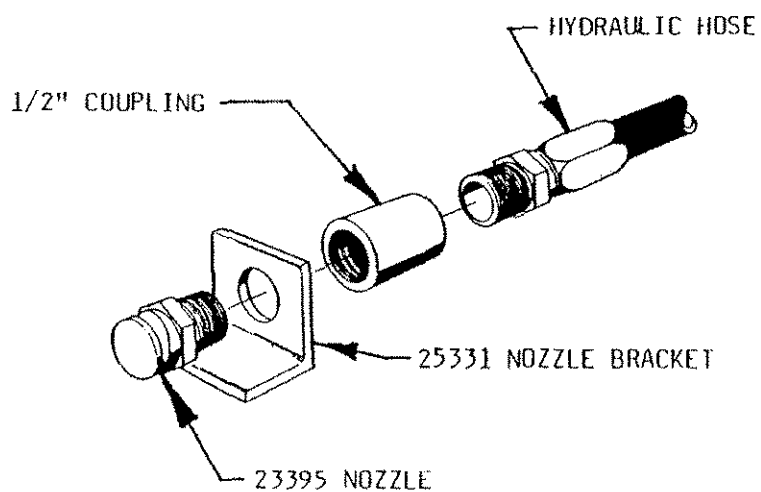
TITLE

45295 ANSUL 20LB. FIRE EXTINGUISHER PACKAGE

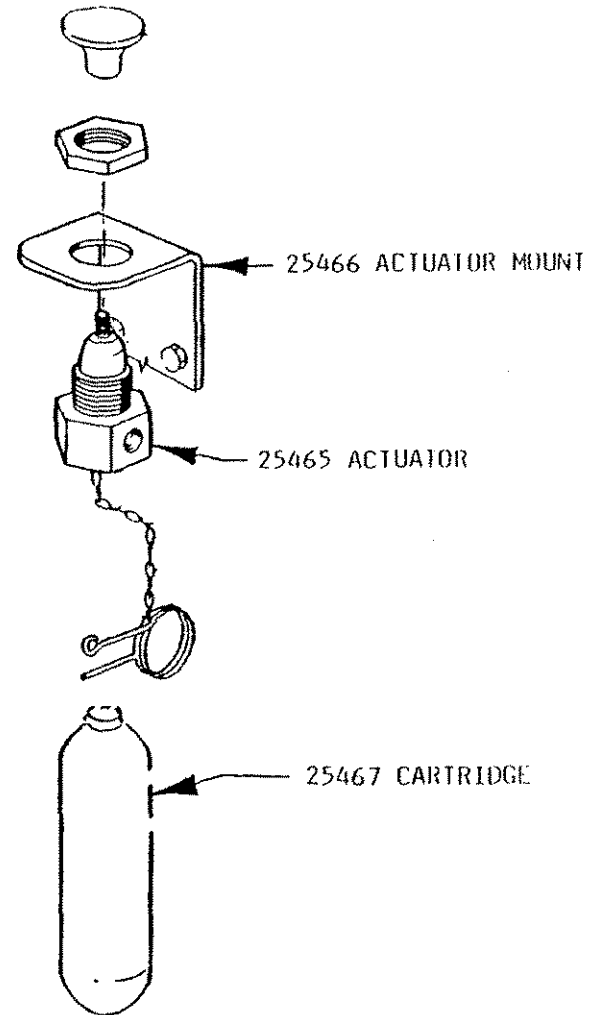
DATE

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**J. H. FLETCHER & CO.**  
 707 WEST 7TH STREET  
 HUNTINGTON, W. VA.



NOZZLE ARRANGEMENT



53488 ACTUATOR ASSEMBLY

SHEET NO.

TITLE

DATE

R

ANSUL FIRE SYSTEM INFORMATION

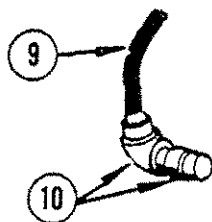
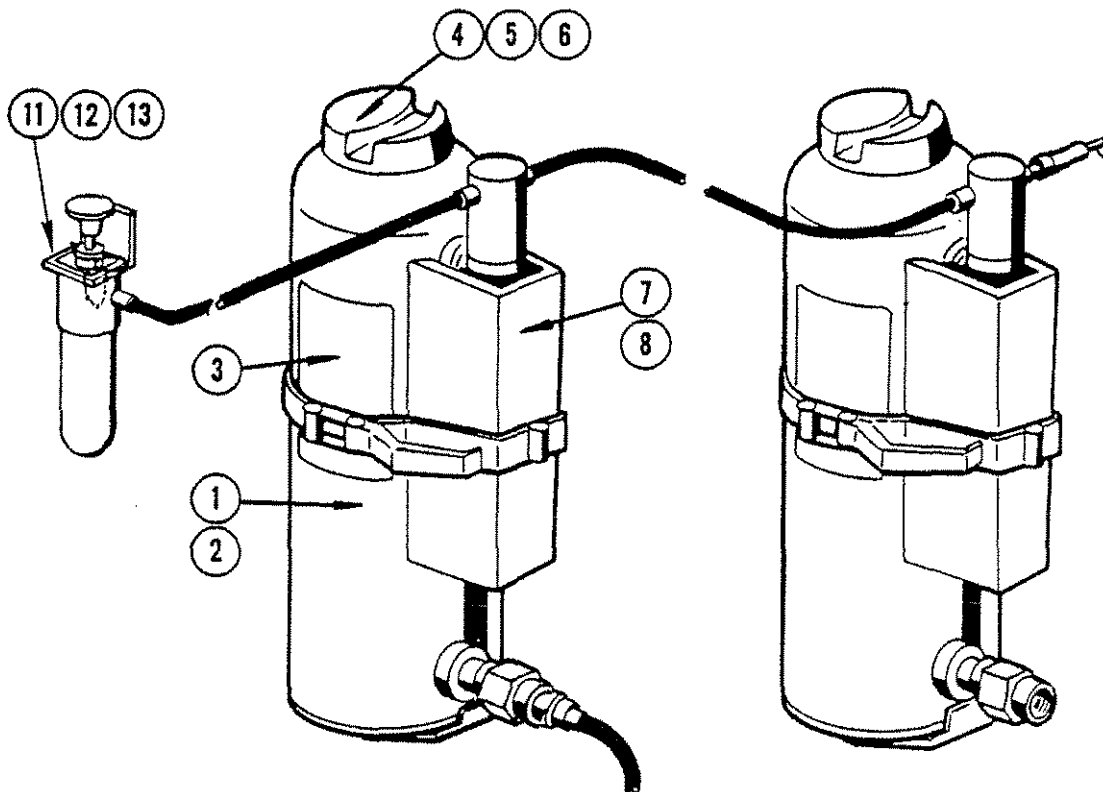
**J. H. FLETCHER & CO.**  
707 WEST 7TH STREET HUNTINGTON, W. VA



## INSPECTION — PNEUMATIC ACTUATION

To provide reasonable assurance that your Ansul A-101 System is charged and operable:

1. Make certain extinguisher is in its designated place.
2. Note general appearance for mechanical damage or corrosion.
3. Check nameplate(s) for readability.
4. Remove fill cap assembly.
5. Make certain extinguisher is filled with free-flowing Ansul dry chemical to a level of not more than 3 inches from the bottom of the fill opening.
6. Secure fill cap, hand tighten.
7. Remove cartridge from extinguisher and examine disc — seal should be unruptured.
8. Return cartridge to cartridge receiver/actuator assembly, hand tighten.
9. Check piping (hose), fittings and nozzles for mechanical damage and cuts.
10. Check nozzle openings — slot should be closed (capped) with silicone grease or covered with black plastic blow-off cap (Part No. 4120).
11. Remove cartridge from remote actuator, and examine disc — seal should be unruptured.
12. Return cartridge to remote actuator assembly, hand tighten.
13. Replace any broken or missing lead and wire seals and record date of inspection.



Numbers are keyed to instructions.

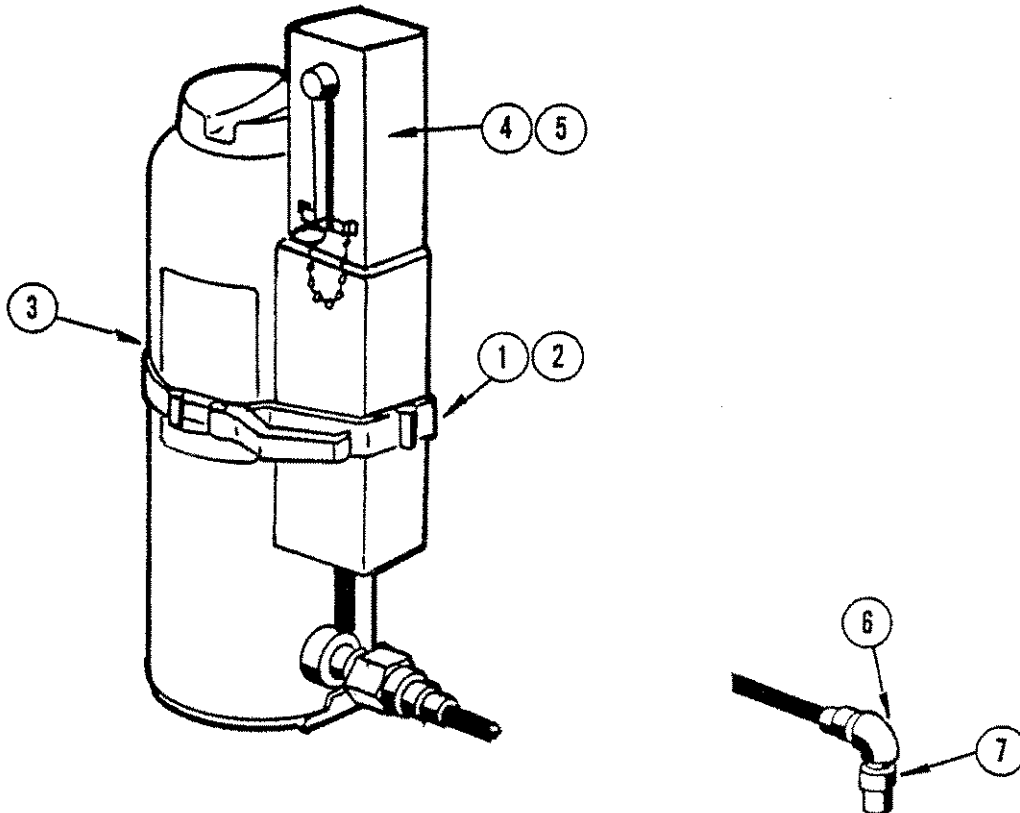




### INSPECTION – AUTOMATIC/MECHANICAL ACTUATION

To provide reasonable assurance that your Ansul A-101 system is fully charged and operable:

1. Make certain extinguisher is in designated place.
2. Note general appearance for mechanical damage.
3. Check nameplate for readability.
4. Check visual seal on ring pin in cocking handle.
5. Check visual release indicator position – should be in “cocked” position.
6. Check piping, fittings, blow-off caps and nozzles for mechanical damage.
7. Check nozzle openings – slot should be closed (capped) with silicone grease or covered with black plastic blow-off cap (Part No. 4120).
8. Record date of inspection.



Numbers are keyed to instructions.

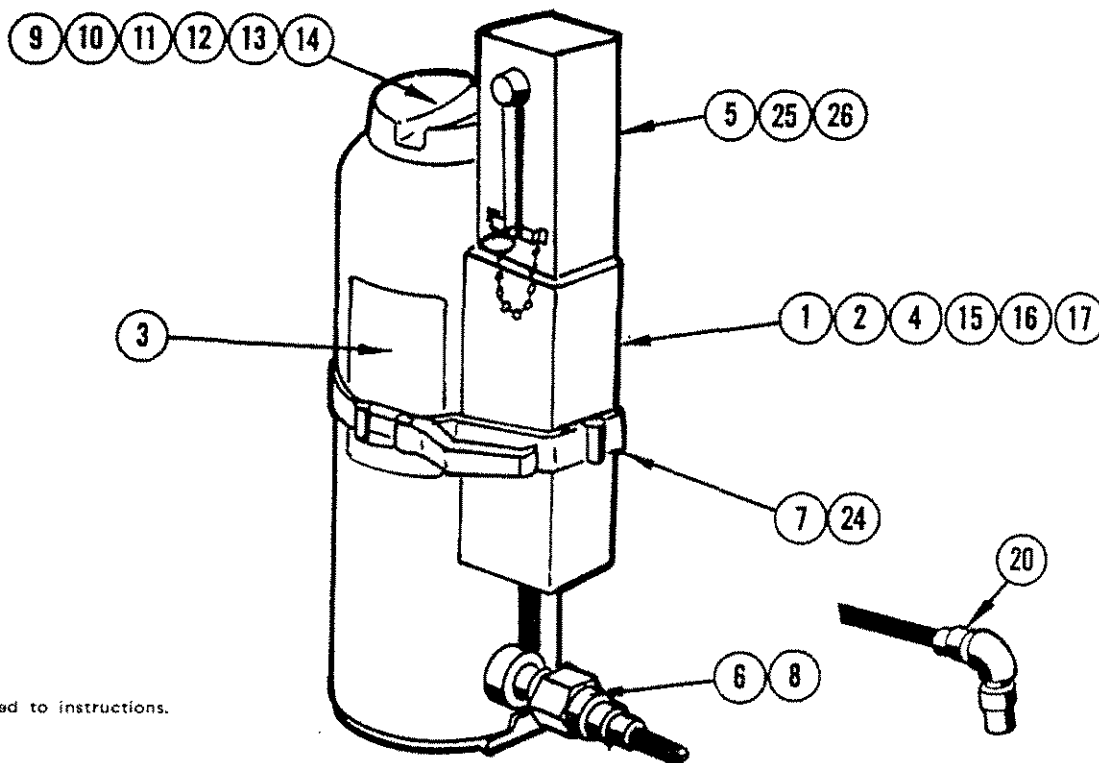


## MAINTENANCE — AUTOMATIC/MECHANICAL ACTUATION

To provide reasonable assurance that your Ansul A-101 System will operate effectively and safely:

1. Make certain extinguisher is in designated place.
2. Note general appearance for mechanical damage.
3. Check nameplate for readability.
4. Install ring pin in actuator/cartridge receiver.
5. Remove cover plate from extinguisher side of release.
6. Disconnect bursting disc union.
7. Release holding strap and remove extinguisher.
8. Check the bursting disc to insure that it has not been ruptured and is properly installed — full disc side must face extinguisher.
9. Remove fill cap.
10. Check threads on fill cap and in fill opening for nicks, burrs, cross threading, rough or feathered edges.
11. Check pressure relief vent hole in fill opening for obstructions.
12. Check fill cap gasket for elasticity — clean and coat lightly with good grade of high heat resistant grease. Make certain tank is filled with free-flowing Ansul dry chemical to a level not more than 3 inches from bottom of fill opening.
14. Secure fill cap, hand tighten.

15. Remove cartridge guard assembly.
16. Remove cartridge and weigh. Weight must be within ¼ ounce of weight stamped on cartridge.
17. Screw in cartridge, hand tighten.
18. Replace cartridge guard.  
(DO NOT REINSTALL EXTINGUISHER AT THIS TIME.)
19. Check hose, fittings, and nozzles for mechanical damage.
20. Check nozzle openings — slot should be closed (capped) with silicone grease or covered with black plastic blow-off cap (Part No. 4120).
21. Install fusible link in detector(s).
22. Cut or melt fusible link to test fire detection system.  
  
NOTE: If system does not fire, check wire rope tension — adjust tension on wire rope and cock the release. Repeat Steps 21 and 22.
23. After successful test firing, cock release and secure with ring pin and seal with visual seal (Part No. 15999).
24. Reinstall fully charged extinguisher.  
Reassemble bursting disc union, wrench tighten. Secure extinguisher with holding strap.
25. Replace cover on mechanical release.
26. Remove ring pin from actuator/cartridge receiver.
27. Record date of maintenance.



Numbers are keyed to instructions.

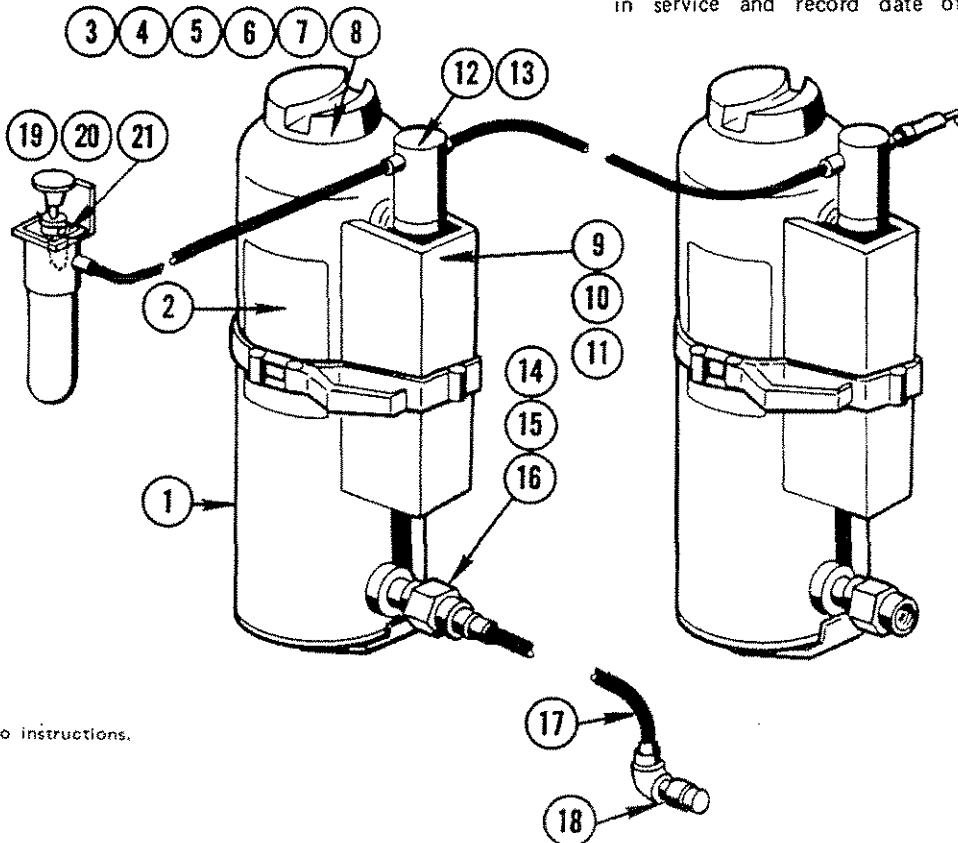


## MAINTENANCE – PNEUMATIC ACTUATION

To provide maximum assurance that your Ansul A-101 System will operate effectively and safely:

1. Note general appearance for mechanical damage or corrosion.
2. Check nameplate for readability, corrosion or looseness.
3. Remove fill cap assembly.
4. Examine fill cap gaskets for elasticity – clean and coat lightly with a good grade of high heat resistant grease.
5. Inspect threads on fill cap and in fill opening for nicks, burrs, cross threading, rough or feathered edges.
6. Check pressure relief vent in fill opening threads for obstruction.
7. Make certain extinguisher is filled with free-flowing Ansul FORAY dry chemical to a level of not more than 3 inches from bottom of fill opening.
8. Secure fill cap, hand tighten.
9. Remove extinguisher cartridge guard assembly.
10. Unscrew cartridge and weigh (replace if weight is 1/4 oz. less than stamped on cartridge).
11. Inspect threads on cartridge and in receiver/actuator for nicks, burrs, cross threading, rough or feathered edges.
12. Check pressure vents in receiver/actuator for obstruction.
13. Examine cartridge receiver gasket for elasticity – clean and coat lightly with a good grade of high heat resistant grease. Return cartridge to receiver/actuator, hand tighten.

14. Disengage bursting disc union and open bracket clamp.
15. Lift extinguisher partially out of bracket and examine bursting disc – should be installed with full disc side facing extinguisher, properly seated and undamaged (scored, or ruptured).
16. Reposition extinguisher, engage bursting disc union (wrench tighten) and close bracket clamp.
17. Check hose, fittings and nozzles for mechanical damage.
18. Check nozzle openings – slot should be closed (capped) with silicone grease or covered with black plastic blow-off cap (Part No. 4120).
19. Check remote actuator – **DASHBOARD TYPE.**  
Remove cartridge and weigh (replace if weight is 1/4 oz. less than stamped on cartridge).  
Inspect threads on cartridge and in actuator for nicks, burrs, cross threading, rough or feathered edges.  
Check pressure safety vent in actuator body for obstruction.  
Examine actuator cartridge gasket for elasticity – clean and coat lightly with a good grade of high heat resistant grease.  
Pull ring pin and operate actuator button several times to check for free movement.
20. Seal ring pin to puncture lever with lead and wire Ansul Part No. 197. Return cartridge to remote actuator, hand tighten.
21. Notify operating personnel extinguishing system is back in service and record date of maintenance check.



Numbers are keyed to instructions.

DRILL AND BOOM SECTION:

QT.	PART #	DESCRIPTION
1	55715 *	Drillhead w/motor
1	54109 *	Drill feed cylinder
1	188761	Boom roller assembly
1	54851 *	Boom swing cylinder
1	56478 *	Retracting foot cylinder
1	56641 *	Boom extend cylinder R. H.
2	55713	Socket (drillhead)
1	56642	L.H. boom extend cylinder
1	55647	Drillhead rebuild kit

DUST COLLECTION:

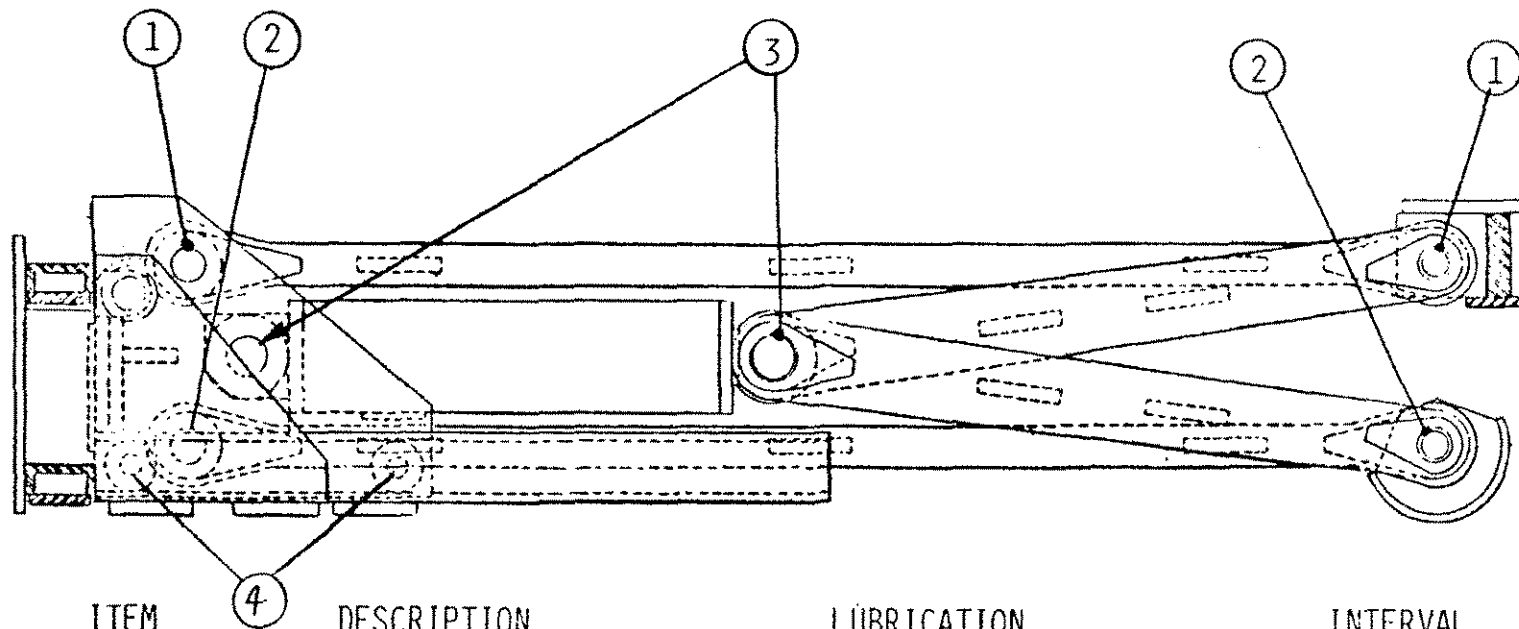
QT.	PART #	DESCRIPTION
4	51436	Rubber Latch
4	46861	Filter element

SAFETY SECTION:

QT.	PART #	DESCRIPTION
1	52655 *	Drill canopy cylinder
1	54830 *	TRS raise cylinder
1	54308 *	TRS extend cylinder

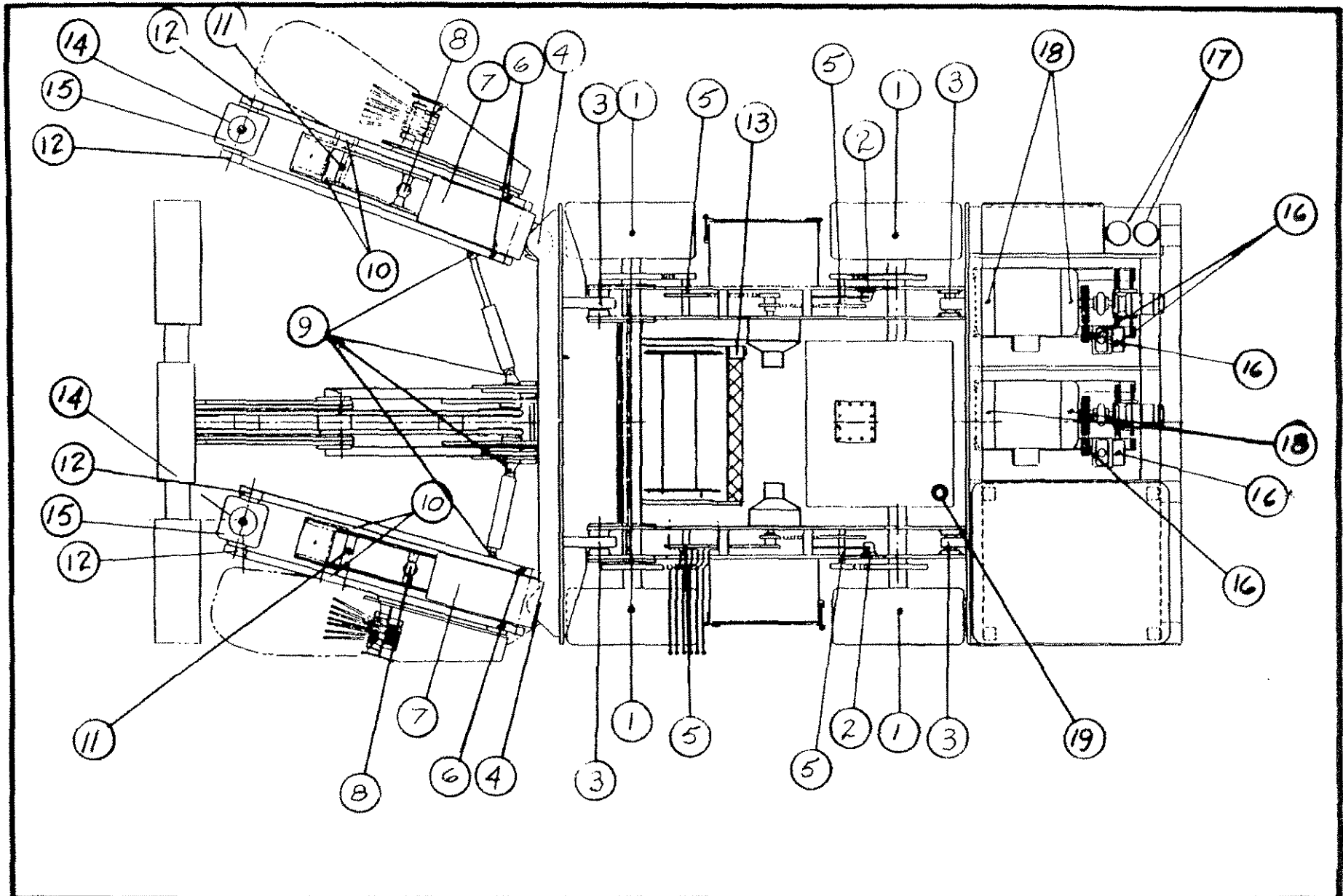
VALVE SECTION:

QT.	PART #	DESCRIPTION
1	47447	Dual diversion valve
1	31530	Shuttle valve
1	31654	Motion control valve
1	33787	TRS valve package (raise)
2	31468	Flow control valve
1	31538	Drillfeed valve
1	31569	Directional control valve
1	2531	Check valve
1	45414	Accumulator
1	33753	Ball valve
1	31658	Relief valve
1	36763	Multiple relief
1	31508	Flow control
1	31509	Relief valve
1	36746	Sequence valve



<u>ITEM</u>	<u>DESCRIPTION</u>	<u>LUBRICATION</u>	<u>INTERVAL</u>
1	UPPER TENSION LINK PIN	MULTI-PURPOSE #2 LITHIUM GREASE	WEEKLY
2	LOWER TENSION LINK PIN	" "	WEEKLY
3	RAISE CYLINDER PIVOT PIN	" "	WEEKLY
4	WEAR PADS (OPTIONAL)	" "	WEEKLY

<b>SHEET NO.</b> L-123	<b>TITLE</b> LUBRICATION FOR SCISSORS TRS	<b>DATE</b> 6/14/78	<b>R</b> <b>J. W. FLETCHER &amp; CO.</b> 707 WEST 7TH STREET HUNTINGTON, W. VA.
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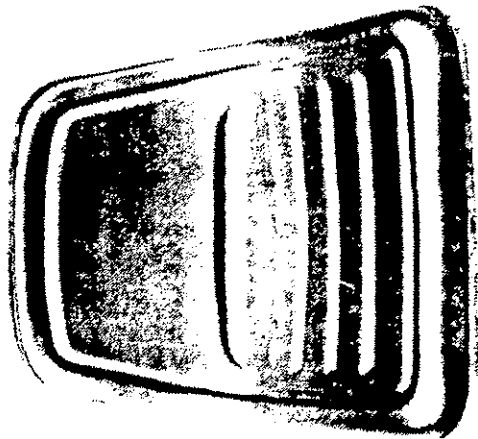


SHEET NO.	TITLE	DATE	R	<b>J. N. FLETCHER &amp; CO.</b> 707 WEST 7TH STREET      HUNTINGTON, W VA
L-352	LUB. DIAGRAM FOR RR-II w/FRONT & REAR LIFT	9-20-88		

33908

SHEET NO. L-352	TITLE LUB. DIAGRAM FOR RR-II w/ FRONT & REAR LIFT	DATE 9-20-88	R	<b>J. H. FLETCHER &amp; CO.</b> <small>707 WEST 7TH STREET HUNTINGTON, W. VA</small>
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ITEM	DESCRIPTION	RECOMMENDED LUBRICATION	INTERVALS
1	WHEEL HUB ASSEMBLY	GREASE MULTI-PURPOSE LITHIUM #2	MONTHLY 500 HRS.
2	DISC BRAKE ASSEMBLY	" " " " "	WEEKLY 100 HRS.
3	FRONT LIFT PIVOT & LIFT CYLINDERS	" " " " "	WEEKLY " "
4	BOOM PIVOT PINS	" " " " "	WEEKLY " "
5	FRONT & REAR COUNTERSHAFT BEARINGS	" " " " "	MONTHLY 500 HRS.
6	BOOM ARM PIVOT & FOOT PIVOT	" " " " "	WEEKLY 100 HRS.
7	BOOM ROLLER ASSEMBLY	" " " " "	WEEKLY 100 HRS.
8	BOOM FOOT PIVOT PIN	" " " " "	WEEKLY " "
9	BOOM SWING CYLINDER PINS	" " " " "	WEEKLY " "
10	BOOM ARM PIVOT PIN	" " " " "	WEEKLY " "
11	DRILL FEED CYLINDER PIN	" " " " "	WEEKLY " "
12	DRILLHEAD PIVOT PINS	" " " " "	WEEKLY " "
13	SPOOLER ASSEMBLY	" " " " "	MONTHLY 500 HRS.
14	DRILLHEAD FLINGER ASSEMBLY	" " " " "	DAILY 8 HRS.
15	DRILLHEAD ASSEMBLY (OIL LEVEL)	SAE 90 or 80w/90 MULTI-PURPOSE GEAR LUB.	DAILY 8 HRS. FLUSH BOX WEEKLY
16	BLOWER ASSEMBLY	SEE BLOWER INSTRUCTION MANUAL	AS RECOMMENDED
17	HYDRAULIC FILTERS	CHANGE ELEMENT	AS INDICATED
18	ELECTRIC MOTORS	SEE ELECTRIC MOTOR INSTRUCTION MANUAL	AS RECOMMENDED
19	HYDRAULIC OIL TANK	ASIM 315 or ISO-VG68 ANTI-WEAR HYDRAULIC OIL	AS NEEDED
20	CABLE REEL ASSEMBLY	GREASE MULTI-PURPOSE LITHIUM #2	WEEKLY



**SHEET NO.**

MX-40

**TITLE**

3218 OPERATORS SEAT

**DATE**

10-16-85

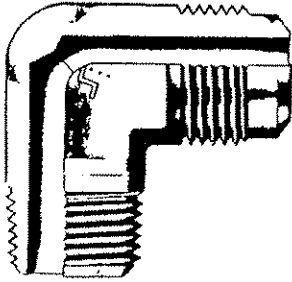
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**J. W. FLETCHER & CO.**

707 WEST 7TH STREET  
HUNTINGTON, W. VA.



MALE PIPE TO MALE J.I.C.



(90° MALE ELBOW)

<u>PART NO.</u>	<u>SIZE</u>
20598	1" PIPE TO 1" JIC
20599	3/4" PIPE TO 3/4" JIC
20600	1/2" PIPE TO 1/2" JIC
20601	3/8" PIPE TO 3/8" JIC
20602	1/4" PIPE TO 1/4" JIC
20603	1" PIPE TO 1-1/4" JIC
20604	3/4" PIPE TO 1/2" JIC
20605	3/4" PIPE TO 1" JIC
20606	1/2" PIPE TO 3/8" JIC
20607	1/2" PIPE TO 3/4" JIC
20608	1/2" PIPE TO 1" JIC
20609	3/8" PIPE TO 1/2" JIC
20610	3/8" PIPE TO 3/4" JIC
20611	1/4" PIPE TO 3/8" JIC
20612	1/4" PIPE TO 1/2" JIC

SHEET NO.

J. I. C.

TITLE

HYDRAULIC HOSE FITTINGS

DATE

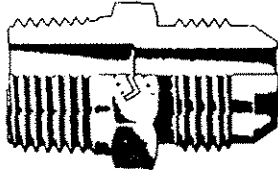
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**J. W. FLETCHER & CO.**

707 WEST 7TH STREET

HUNTINGTON, W. VA.

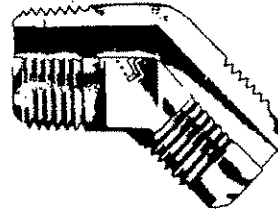
**MALE PIPE TO MALE J.I.C.**



(STRAIGHT MALE ADAPTOR)

<u>PART NO.</u>	<u>SIZE</u>
20570	1" PIPE TO 1" JIC
20571	1/2" PIPE TO 1/2" JIC
20572	3/4" PIPE TO 3/4" JIC
20573	3/8" PIPE TO 3/8" JIC
20574	1/4" PIPE TO 1/4" JIC
20577	3/4" PIPE TO 1/2" JIC
20578	3/4" PIPE TO 1" JIC
20579	1/2" PIPE TO 3/8" JIC
20580	1/2" PIPE TO 3/4" JIC
20581	1/2" PIPE TO 1" JIC
20582	3/8" PIPE TO 1/2" JIC
20583	3/8" PIPE TO 3/4" JIC
20584	1/4" PIPE TO 3/8" JIC
20585	1/4" PIPE TO 1/2" JIC

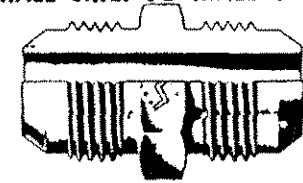
**MALE PIPE TO MALE J.I.C.**



(45° MALE ELBOW)

<u>PART NO.</u>	<u>SIZE</u>
20586	1" PIPE TO 1" JIC
20587	3/4" PIPE TO 3/4" JIC
20588	1/2" PIPE TO 1/2" JIC
20589	3/8" PIPE TO 3/8" JIC
20590	1/4" PIPE TO 1/4" JIC
20591	1" PIPE TO 3/4" JIC
20592	3/4" PIPE TO 1" JIC
20593	1/2" PIPE TO 3/4" JIC
20594	1/2" PIPE TO 1" JIC
20595	3/8" PIPE TO 1/2" JIC
20596	3/8" PIPE TO 3/4" JIC
20597	1/4" PIPE TO 1/2" JIC

**MALE J.I.C. TO MALE J.I.C.**



(STRAIGHT ADAPTOR UNION)

<u>PART NO.</u>	<u>SIZE</u>
20613	3/4" PIPE TO 3/4" JIC
20614	1" PIPE TO 1" JIC
20615	1/2" PIPE TO 1/2" JIC
20616	3/8" PIPE TO 3/8" JIC
20617	1/4" PIPE TO 1/4" JIC

SHEET NO.

J. I. C.

TITLE

HYDRAULIC HOSE FITTINGS

DATE

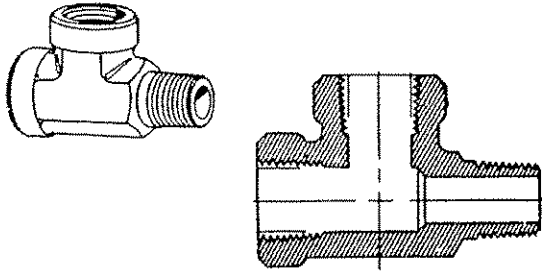
R

**J. M. FLETCHER & CO.**

707 WEST 7TH STREET

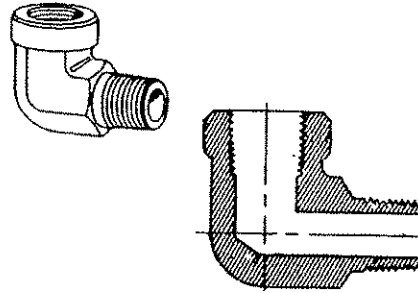
HUNTINGTON, W. VA.

**MALE RUN TEE**



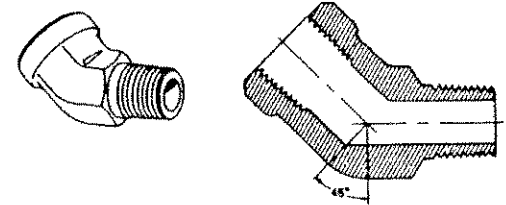
<u>PART NO.</u>	<u>THREAD SIZE</u>
20423	1/4"
20424	3/8"
20425	1/2"
20426	3/4"
20301	1"

**90° STREET ELBOW**



<u>PART NO.</u>	<u>THREAD SIZE</u>
32809	1/4"
32810	3/8"
32811	1/2"
20257	3/4"
32812	1"
20412	1-1/4"

**45° STREET ELBOW**



<u>PART NO.</u>	<u>THREAD SIZE</u>
20414	1/4"
20415	3/8"
20416	1/2"
32735	3/4"
20250	1"
36502 (GREASE HOSE)	1/8"

**SHEET NO.**

N.P.T.

**TITLE**

STANDARD PIPE FITTINGS

**DATE**

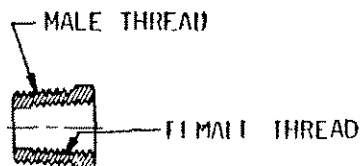
**R**

**J. H. FLETCHER & CO.**

707 WEST 7TH STREET

HUNTINGTON, W. VA.

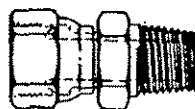
# BUSHING



<u>PART NO.</u>	<u>MALE THREAD</u>	<u>FEMALE THREAD</u>
32663	2-1/2"	2"
32436	2-1/2"	1-1/2"
32817	2-1/2"	1-1/4"
32818	2"	1-1/2"
32819	2"	1-1/4"
32437	1-1/2"	1-1/4"
32438	1-1/2"	1"
32820	1-1/2"	3/4"
32439	1-1/2"	3/8"
32440	1-1/4"	1"
32441	1-1/4"	3/4"
32442	1-1/4"	1/2"
32443	1-1/4"	3/8"
32444	1-1/4"	1/4"

<u>PART NO.</u>	<u>MALE THREAD</u>	<u>FEMALE THREAD</u>
32445	1"	3/4"
32446	1"	1/2"
32447	1"	3/8"
32448	1"	1/4"
32449	3/4"	1/2"
32450	3/4"	3/8"
32451	3/4"	1/4"
32452	1/2"	3/8"
32453	1/2"	1/4"
32454	3/8"	1/4"
32822	1/4"	1/8"

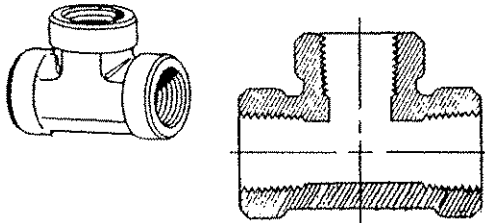
## STRAIGHT HOSE UNION



<u>PART NO.</u>	<u>SIZE</u>
36503	1/8" GREASE HOSE

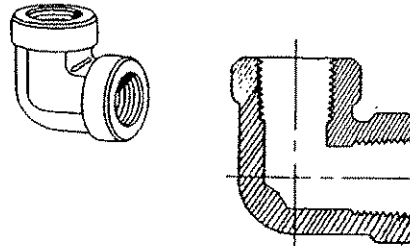
<b>SHEET NO.</b> N.P.T.	<b>TITLE</b> STANDARD PIPE FITTINGS	<b>DATE</b>	<b>R</b>	<b>J. H. FLETCHER &amp; CO.</b> 707 WEST 7TH STREET HUNTINGTON, W. VA.
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TEE



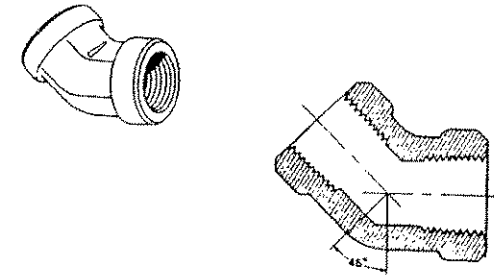
<u>PART NO.</u>	<u>THREAD SIZE</u>
20427	1/4"
20428	3/8"
20429	1/2"
20430	3/4"
20481	1"

90° ELBOW



<u>PART NO.</u>	<u>THREAD SIZE</u>
20417	1/4"
20418	3/8"
20419	1/2"
20420	3/4"
20421	1"
20422	1-1/4"

45° ELBOW



<u>PART NO.</u>	<u>THREAD SIZE</u>
20432	1/4"
20433	3/8"
32813	1/2"
32814	3/4"
32815	1"
32816	1-1/4"

SHEET NO.

N.P.T.

TITLE

STANDARD PIPE FITTINGS

DATE

R

**J. W. FLETCHER & CO.**

707 WEST 7TH STREET

HUNTINGTON, W. VA.

RECOMMENDED SPARE PARTS LIST

MODEL RRII-13, C-F 90121-2

This list of recommended spare parts is sectionalized in line with your machine parts book for simple location. Parts not factory stocked will be marked with an asterisk (\*).

MISCELLANEOUS SECTION:

No recommendations

ELECTRICAL SECTION:

QT.	PART #	DESCRIPTION
1	46600	Start-Start Switch
1	46611	Start Switch
2	149011	1' Tape switch panic bar
1	49412	I.S. relay assembly

PUMP, ELECTRIC MOTOR AND BLOWER SECTION:

QT.	PART #	DESCRIPTION
1	42042	Hydraulic pump
1	40842	Coupling
2	18289	gauge
4	46940	Oil Filter Element
1	42098	Blower assembly
2	80441	Blower adapter
4	20352	Dust hose insert (1-1/4)
1	53489	Muffler
1	46930	Intake air filter
4	43556	"V" belts
1	17808	Muffler

TRAM SECTION:

QT.	PART #	DESCRIPTION
4	40202	Bearing (Countershaft)
1	56517 *	Front lift cylinder & rear lift
1	40714 *	Rear Inside Tram Chain
1	40670 *	Front Inside Tram Chain
2	44747 *	Outside Tram Chains
1	34022	Splined countershaft