FAULT-TRACING SCHEME

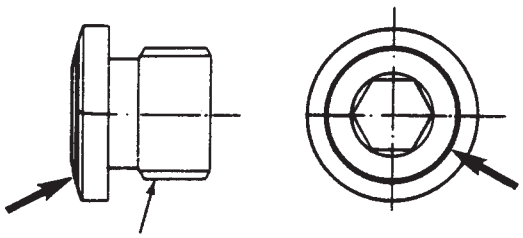
This fault-tracingscheme is primarily intended to serve as a guide during servicing. It contains probable faults and remedies aimed at facilitating serviceing work.

FAULT	PROBABLE REASONS	REMEDIES
First stage valve connection leaks	Connections not tightened	Tighten up
	O-rings or sealing surface defective	Replace o-rings. Replace defective parts
First stage secondary side leaks	The cover is not tightened	Tighten up
	Diaphragm defective	Replace diaphragm
Safety valve activates	O-ring defective or not lubricated	Replace o-ring and lubricate
	First stage leaks or is adjusted to high	Repair first stage
		Adjust secondary pressure
	Sealing surface defective	Replace low pressure valve housing or low pressure hose
Second stagevalve takes in water	Diaphragm defective	Replace diaphragm
	Mouth-piece cracked	Replace mouth-piece
	O-ring not fitted or defective	Fit or replace o-ring
	Foreign object under exhalation diaphragm	Clean

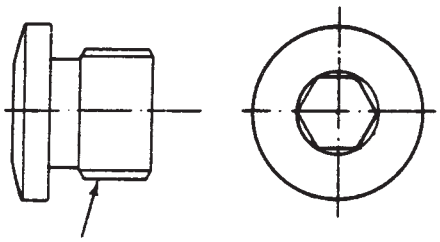
FAULT	PROBABLE REASONS	REMEDIES
(from the foregoing page)		
Second stage valve takes in water	The switch defective	Replace the switch
	The o-ring under the switch is defective	Replace the o-ring.
Second stage valve leaks air (regulator freeflows)	Servo valve leaks	Replace servo valve
	Sleeve in low pressure valve defective	Replace valve insert
	Filter in valve insert is clogged	Replace valve insert
	Valve tube incorractly adjusted	Adjust
	Purge button deformed	Replace purge button
Second stage valve inhalation resistance too high	Valve needle in servo valve defective	Replace servo valve
	Diaphragm defective	Replace diaphragm
	Valve tube incorrectly adjusted	Adjust

FAULT *(from the foregoing page)*	PROBABLE REASONS	REMEDIES
Second stage valve provides no air when purge botton is activated	Valve tube incorrectly adjusted	Adjusted
	Spring in purge button defective	Replace purge button
Exhalation resistance too high	Diaphragm. stuck	Clean or replace diaphragm
Air flow restricted	Filter in first stage valve clogged	Replace filter
	Low pressure from first stage	Adjust pressure
Inhalation resistance is not altered when the switch is set at minus	Diaphragm cam is deformed or wrongly fitted	Fit a new switch

BLIND SCREWS WITH DIFFERENT THREADS

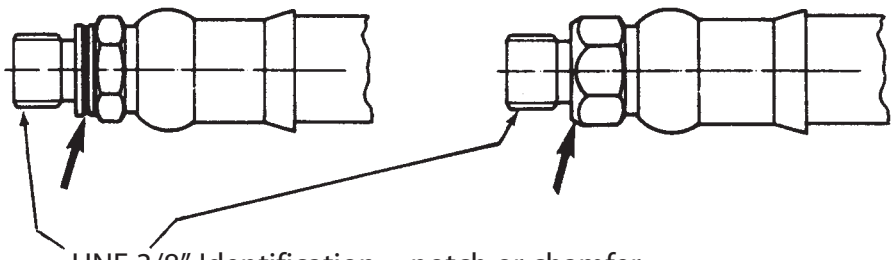


UNF 3/8″ Identification = notch

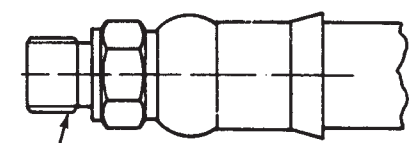


G 1/8″

LOW PRESSURE HOSE WITH DIFFERENT THREADS



UNF 3/8″ Identification = notch or chamfer



G 1/8″