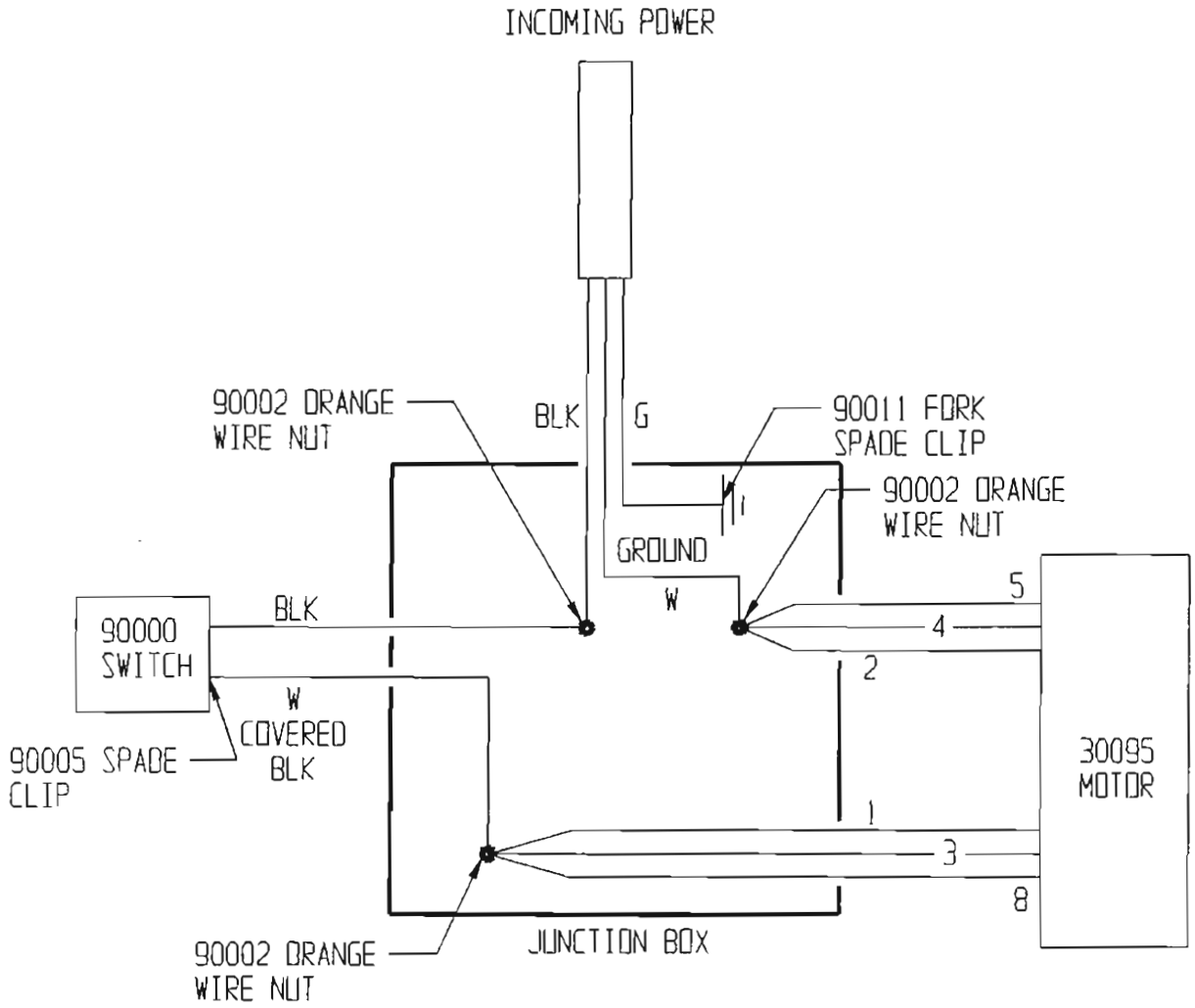
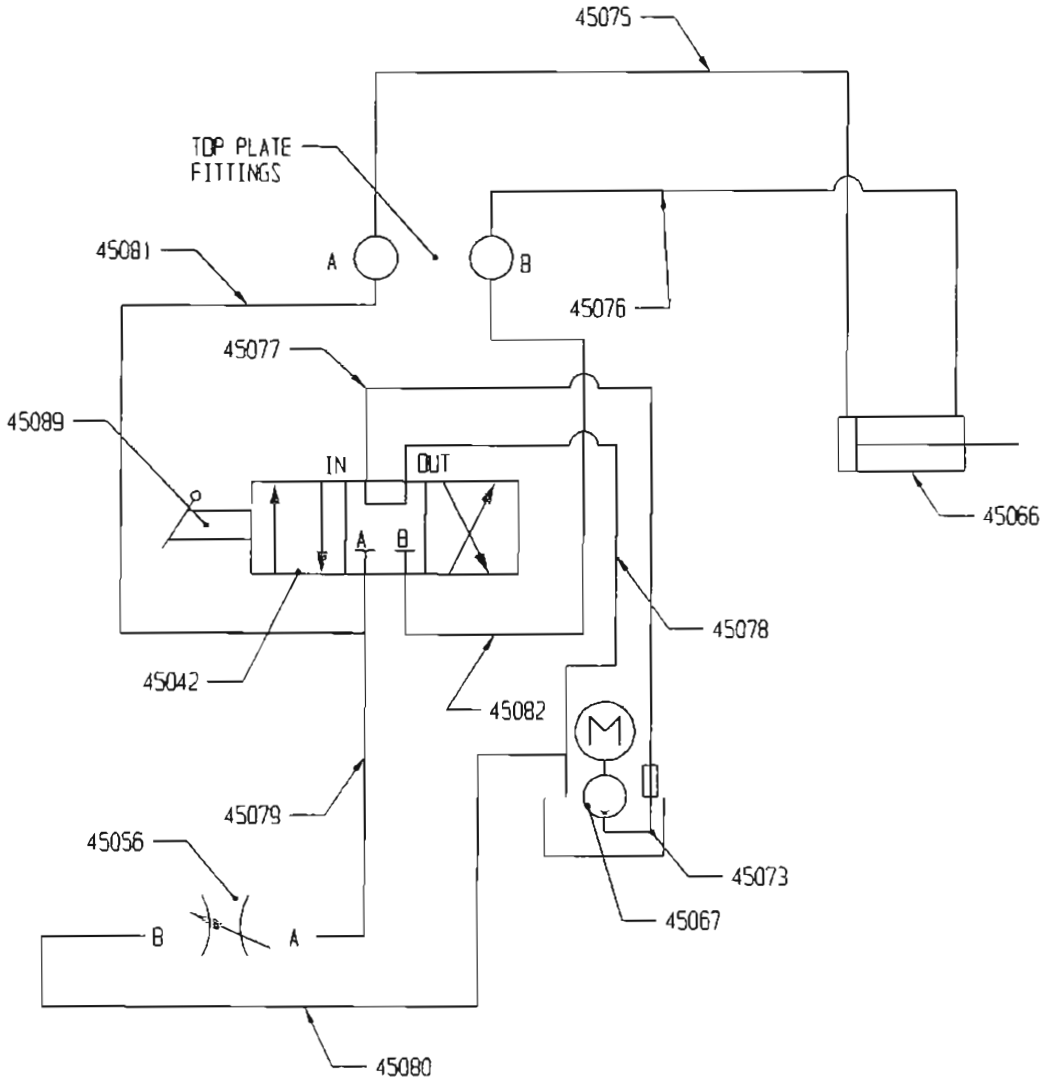


ELECTRICAL SCHEMATIC



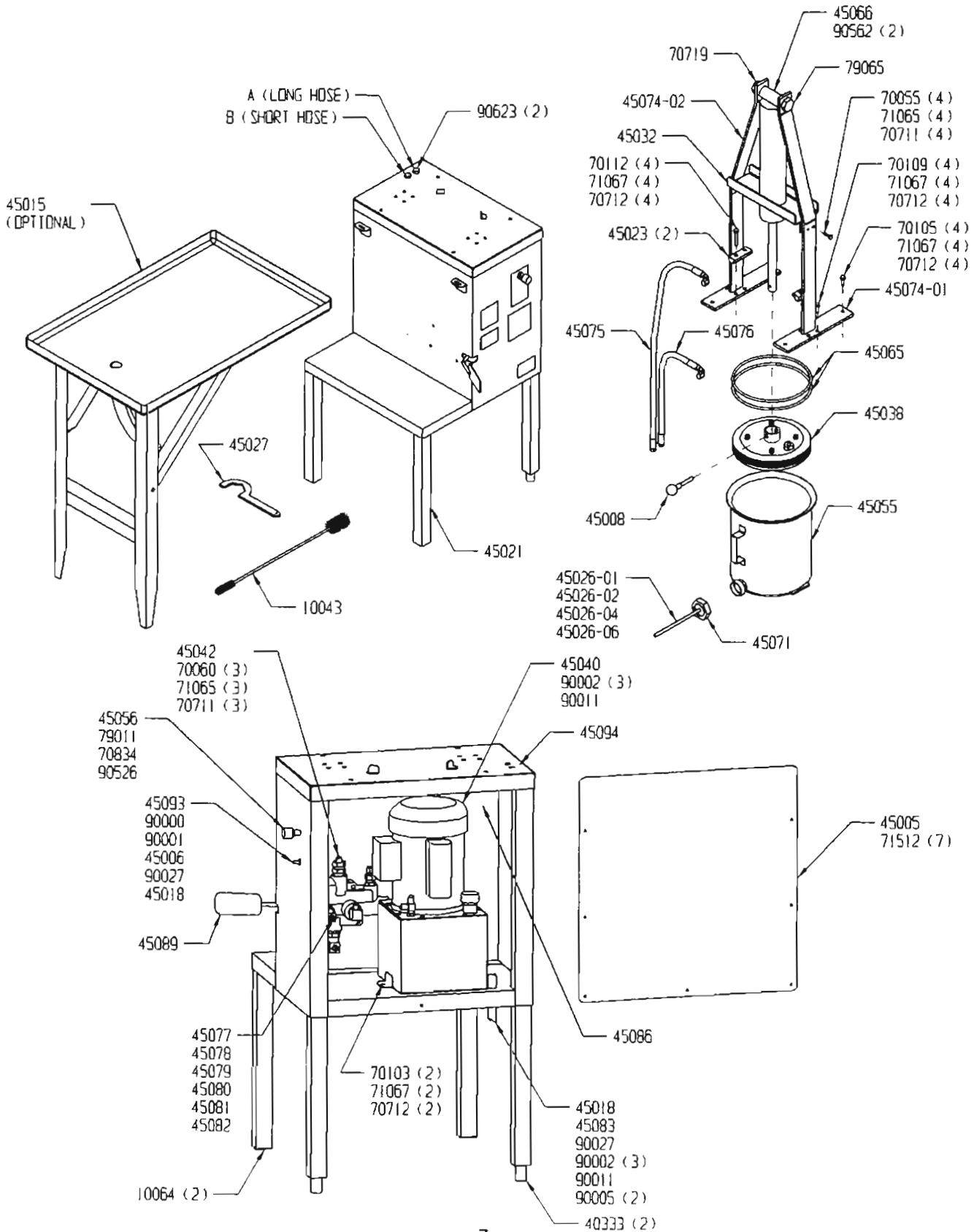
HYDRAULIC SCHEMATIC



PART #	DESCRIPTION	QTY
45042	D.C. CONTROL VALVE	1
45056	NEEDLE VALVE	1
45066	HYDRAULIC CYLINDER	1
45067	HYDRAULIC PUMP	1
45073	HOSE ASSEMBLY #1	1
45075	HOSE ASSEMBLY #8	1
45076	HOSE ASSEMBLY #9	1

PART #	DESCRIPTION	QTY
45077	HOSE ASSEMBLY # 2	1
45078	HOSE ASSEMBLY # 3	1
45079	HOSE ASSEMBLY # 4	1
45080	HOSE ASSEMBLY # 5	1
45081	HOSE ASSEMBLY # 6	1
45082	HOSE ASSEMBLY # 7	1
45089	KNEE PAD LEVER	1

DFS-30 PARTS IDENTIFICATION



DFS-30 PARTS LIST

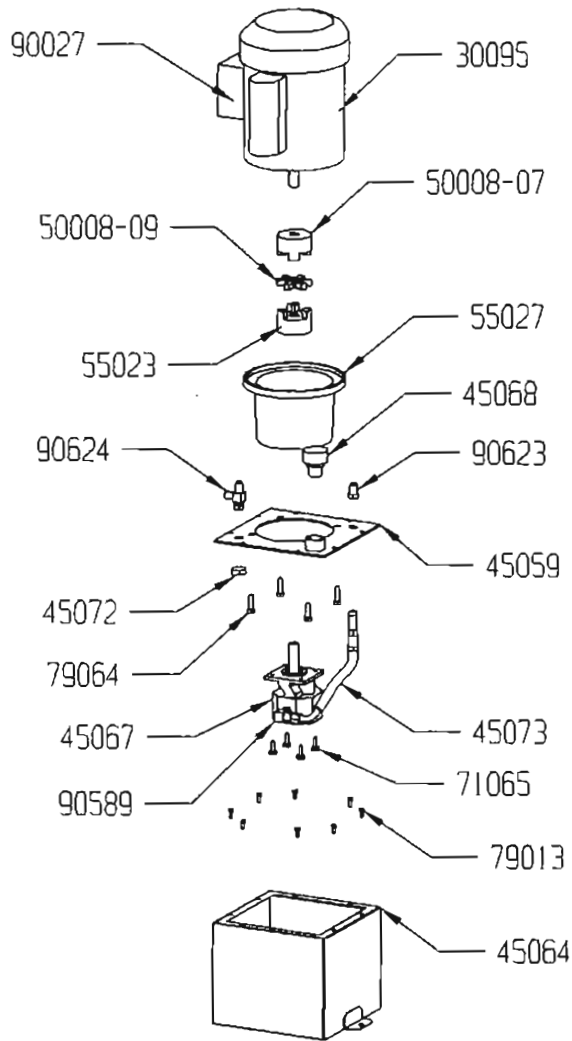
* OPTIONAL EQUIPMENT

** NOT SHOWN

PART #	DESCRIPTION	QTY
10043	CLEANING BRUSH	1
10064	RT1400SQ PLASTIC INSERT	2
40333	A14-0651 1-1/2"SS LEV FOOT	2
45005	ACCESS COVER	1
45006	TOGGLE BRACKET	1
45008	LOCKING PIN ASS'Y	1
*45015	TABLE	1
**45016	DFS 30 LABEL	1
45018	POWER CORD/TOGGLE ASS'Y	1
45021	WRAP TO FRAME XMNT	1
45023	TANK HOLD DOWN CLAMPS	2
45026-01	7/16" STUFFING HORN ASS'Y	1
45026-02	1/2" STUFFING HORN ASS'Y	1
*45026-03	5/8" STUFFING HORN ASS'Y	1
45026-04	3/4" STUFFING HORN ASS'Y	1
*45026-05	1" STUFFING HORN ASS'Y	1
45026-06	1-1/4" STUFFING HORN ASS'Y	1
*45026-07	1-1/2" STUFFING HORN ASS'Y	1
45027	HORN WRENCH	1
45032	CYLINDER GUIDE 30# STUFFER	1
45038	PUSHER PLATE ASS'Y	1
45040	MOTOR/PUMP/OILTANK SUB ASS	1
45042	DIRECT CONTROL SUB ASS'Y	1
45055	TANK ASS'Y	1
45056	NEEDLE VALVE ASS'Y	1
45065	SILICONE FDA SAMMY O-RING	2
45066	MOD. HYDRAULIC CYLINDER	1
45071	HEX UNION NUTS 44575K112	1
45074-01	RIGHT HYD. BRACKET XMNT.	1
45074-02	LEFT HYD. BRACKET XMNT.	1
45075	3/8 ID HYDRAULIC HOSE	1
45076	3/8 ID HYDRAULIC HOSE	1
45077	HOSE ASS" #2 D.C.CONT.FRM	1
45078	HOSE ASS'Y #3 CONT TO TANK	1
45079	HOSE ASS'Y #4 NEEDLE TO DC	1
45080	HOSE ASS'Y #5 NEED TO TANK	1
45081	HOSE ASS'Y #6 CONT AC TO CYL	1
45082	HOSE ASS'Y #7 CONT TO BOT	1
45083	ELECTRICAL SUB ASS'Y	1

PART #	DESCRIPTION	QTY
45086	BRIDGE WELDMENT	1
45089	KNEE PAD WELDMENT	1
**45092	SHIPPING PALLET	1
45093	ON-OFF-CONT. STICKER	1
45094	A-B STICKER 30# STUFFER	1
70055	5/16-18 X 1 HCS SS BOLT	4
70060	5/16 X 1-3/4" BOLTS	3
70103	3/8-16 X 3/4 HCS-SS BOLT	2
70105	3/8-16 X 1 HCS-SS BOLT	4
70109	3/8-16 X 1 1/2 HCS-SS BOLT	4
70112	3/8-16 X 2-1/4 HCS SS (ER	4
70711	5/16-18 SS HEXNUT (HN19S)	7
70712	3/8-16 FHN SS NUT	14
70719	1"- 8 FHN SS NUT	1
70834	1/2-20 SS HX JAM NUT	1
71065	5/16 LOCKWASHER SS.(LW15S)	7
71067	3/8" SS LW	14
71512	10-24 X 1/2" SS TSL-SLOTTED	7
**79008	5/16X1-1/2 HEX LAG SCREW	4
79011	1/2 FLAT WASHER ZP (33012)	1
79065	1" HEX HEAD BLT-5-1/2" SS	1
90000	SPST TOGGLE SWITCH	1
90001	BOOT-TOGGLE SW	1
90002	ORANGE WIRE NUT 30-273	6
90005	NY INSUL TERM FEMALE	2
90011	FORK TERMINAL	2
90027	3/8" CORD CONNECTOR	2
**90084	DANGER - ELECTRICAL	1
**90085	DECAL - WARNING	1
**90089	MADE IN USA LABEL	1
**90091	DANGER - HAZARDOUS	1
90526	95611A033 1/2 GRY PVC F/WA	1
90562	6MJ-8MP (5205x06x08)	2
**90564	HYD OIL 1-QT (SHIP W/MACHINE)	1
**90586	ALUM LABELS/SN,V,C,HP,DIST	1
90623	6MJ-6MJ BULKHEAD FITTING	2
**90636	HYD OIL 1-GAL 85-101	1
**90789	DFE LOGO LABEL	1

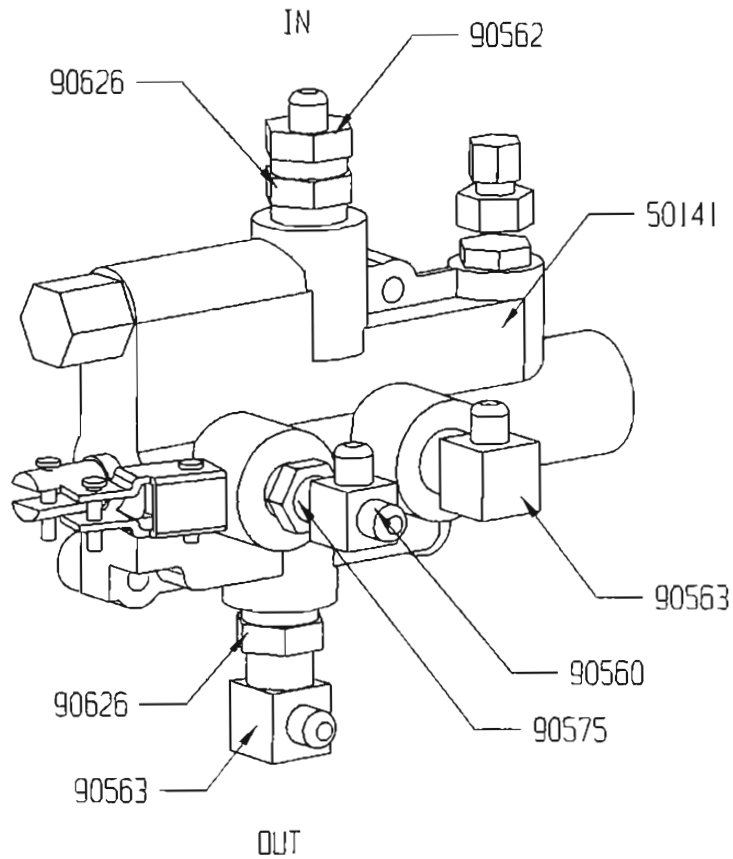
DFS-30 PART# 45040 SUB-ASSEMBLY



PART #	DESCRIPTION	QTY
30095	3/4 HP MOTOR	1
45059	OIL TANK TOP ASSEMBLY	1
45064	OIL TANK ASSEMBLY	1
45067	OIL PUMP	1
45068	FILLER / BREATHER	1
45072	9/16 X 18 HEX NUT	1
45073	HYDRAULIC HOSE	1
50008-07	COUPLER-LOVEJOY	1
50008-09	SPIDER-LOVEJOY	1
55023	COUPLER-LOVEJOY	1

PART #	DESCRIPTION	QTY
55027	MOTOR/PUMP ADAPTER	1
71065	LOCKWASHER 5/16	4
79013	#10 SELF TAPPING SCREW	8
79017	LOCKWASHER 3/8	4
79064	BOLT 5/16 X 3/4	4
90027	DRYLOCK	2
90564	HYDRAULIC OIL-ONE QUART	1
90589	FITTING	1
90623	BULKHEAD FITTING	1
90624	O-RING FITTING	1

DFS-30 PART# 45042 SUB-ASSEMBLY



PART #	DESCRIPTION	QTY
50141	2020 DIRECT CONT. VALVE	1
90560	3/8 TEE	1
90562	3/8 X 1/2 STRAIGHT ADAPTER	1

PART #	DESCRIPTION	QTY
90563	3/8 X 1/2 90° ELBOW	2
90575	1/2 X 3/8 BUSHING	1
90626	3/4 X 1/2 BUSHING	2