

## HYDRAULIC SUBSECTION

### TABLE OF CONTENTS

<i>Fig. No.</i>	<i>Title</i>	<i>Page</i>	<i>Fig. No.</i>	<i>Title</i>	<i>Page</i>
2.8-1	Hydraulic Equipment .....	2.8-2	2.8-17	Variable Air Ramp Hydraulic Tubing Installation .....	2.8-82
2.8-2	Hydraulic Filter .....	2.8-10	2.8-18	Elevon Actuator Hydraulic Tubing Installation Sta 556 to 605 .....	2.8-86
2.8-3	Hydraulic Accumulator Installation Sta 412 .....	2.8-12	2.8-19	Wing Elevon Hydraulic Tubing Installation .....	2.8-94
2.8-4	Primary Hydraulic Reservoir Installation .....	2.8-14	2.8-20	Rudder Actuator Hydraulic Tubing Installation .....	2.8-104
2.8-5	Secondary Hydraulic Reservoir Installation .....	2.8-16	2.8-21	Speed Brake Hydraulic Tubing Installation .....	2.8-106
2.8-6	Hydraulic Reservoir Pressure Panel .....	2.8-18	2.8-22	Nose Landing Gear Hydraulic Tubing Installation Sta 126 to 162 .....	2.8-110
2.8-7	Ram Air Turbine Installation .....	2.8-20	2.8-23	Rapid Tune Magnetron Hydraulic Equipment .....	2.8-116
2.8-8	Ram Air Turbine Door Installation ....	2.8-22	2.8-24	Rapid Tune Magnetron Hydraulic Tubing Installation Sta 47 to 102 ..	2.8-120
2.8-9	Power Source Refrigeration Compartment Hydraulic Tubing Installation Sta 216 to 336 .....	2.8-24	2.8-25	Rapid Tune Magnetron Hydraulic Tubing Installation Sta 102 to 216 .....	2.8-122
2.8-10	Power Source Hydraulic Tubing Installation Sta 316 to 472 .....	2.8-26	2.8-26	Rapid Tune Magnetron Hydraulic Tubing Installation Sta 216 to 412 .....	2.8-124
2.8-11	Power Source Hydraulic Tubing Installation Sta 431 to 472 .....	2.8-42	2.8-27	Rapid Tune Magnetron Hydraulic Tubing Installation Sta 412 to 540 .....	2.8-126
2.8-12	Power Source Hydraulic Tubing Installation Sta 472 to 605 .....	2.8-50	2.8-28	Aerial Refueling Hydraulic Equipment .....	2.8-130
2.8-13	Power Source Hydraulic Tubing Installation Sta 615 to 711 .....	2.8-64	2.8-29	Aerial Refueling Hydraulic Tubing Installation .....	2.8-132
2.8-14	Nose Landing Gear Hydraulic Tubing Installation Sta 132 to 169..	2.8-68			
2.8-15	Nose Landing Gear Hydraulic Tubing Installation Sta 169 to 216..	2.8-72			
2.8-16	Main Landing Gear Hydraulic Tubing Installation .....	2.8-74			

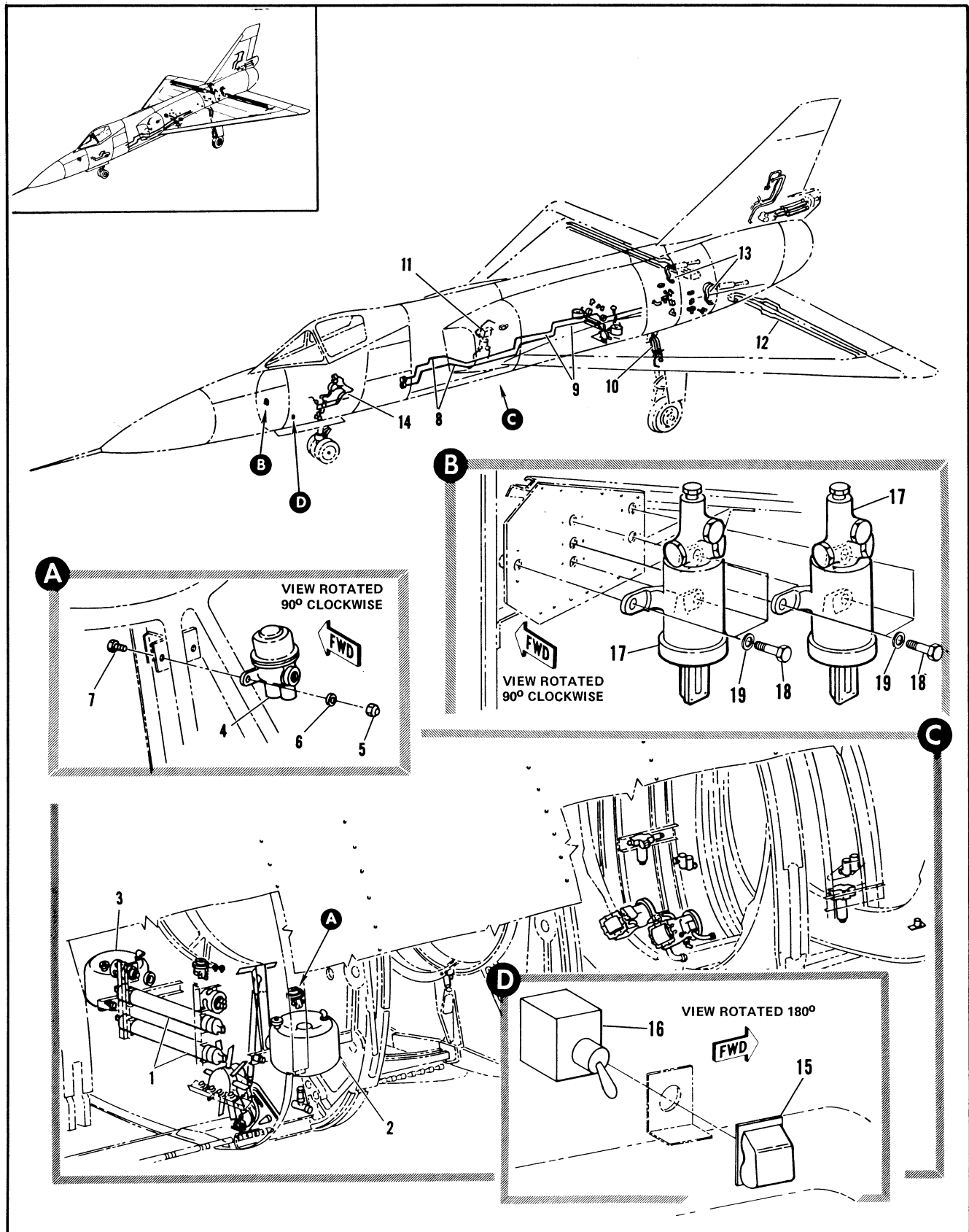


Figure 2.8-1. Hydraulic Equipment (Sheet 1 of 4)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.8-1		HYDRAULIC EQUIPMENT			
- 1		• ACCUMULATOR INSTL, HYDRAULIC STA 412 SEE FIG. 2.8-3	RF		
- 2		• RESERVOIR INSTL, PRIMARY HYDRAULIC SEE FIG. 2.8-4	RF		
- 3		• RESERVOIR INSTL, SECONDARY HYDRAULIC SEE FIG. 2.8-5	RF		
	8-81310-1	• REGULATOR INSTL, HYDRAULIC RESERVOIR AIR PRESSURE LH MODIFIED BY 8-82403 FOR NHA SEE FIG. 2.3-13	RF	75	
	8-81310-3	• REGULATOR INSTL, HYDRAULIC RESERVOIR AIR PRESSURE RH MODIFIED BY 8-82403 FOR NHA SEE FIG. 2.3-13	RF	35	
- 4	108100-5	• • REGULATOR ASSY, HYDRAULIC RESERVOIR AIR PRESSURE <96124> SPEC 8-00370-5 T.O.9P5-3-23-63 ATTACHING PARTS	1	D	
- 5	NAS679A3	• • NUT	2	35	
- 6	AN960PD10L	• • WASHER	2	35	
- 7	AN3-5A	• • BOLT	2	35	
- 8		----X----			
- 8		• TUBING INSTL, POWER SOURCE HYDRAULIC STA 216 TO 336 SEE FIG. 2.8-9	RF		
- 9		• TUBING INSTL, POWER SOURCE HYDRAULIC 316 TO 472 SEE FIG. 2.8-10		RF	
- 10		• TUBING INSTL, MAIN LANDING GEAR HYDRAULIC SEE FIG. 2.8-16	RF		
- 11		• TUBING INSTL, VARIABLE AIR RAMP HYDRAULIC SEE FIG. 2.8-17	RF		
- 12		• TUBING INSTL, WING ELEVON HYDRAULIC SEE FIG. 2.8-19	RF		
- 13		• TUBING INSTL, ELEVON ACTUATOR HYDRAULIC SEE FIG. 2.8-18	RF		
- 14		• TUBING INSTL, NOSE LANDING GEAR HYDRAULIC STA 126 TO 216 SEE FIG. 2.8-22	RF		
- 15	8-32931-1	• SWITCH INSTL, RAPID TUNE MAGNETRON	1		
- 16	MS25224-3	• • GUARD	1		
- 16	MS35058-21	• • SWITCH	1		
	8-85358	• EXPANSION CHAMBER INSTL, BRAKE HYDRAULIC FOR NHA SEE FIG. 2.3-4	RF	B	
- 17	17870	• • CHAMBER, BRAKE HYDRAULIC EXPANSION <79294> SPEC 8-08655-1 T.O.4BA10-2-3 ATTACHING PARTS	2	B	
- 18	NAS1104-5	• • BOLT	6	B	
- 19	AN960D416L	• • WASHER	6	B	
		----X----			
		B AIRPLANES #48, 90 AND ON			
		D AIRPLANES #287, 288, 291, 295 THRU 297, 299, AND 302			

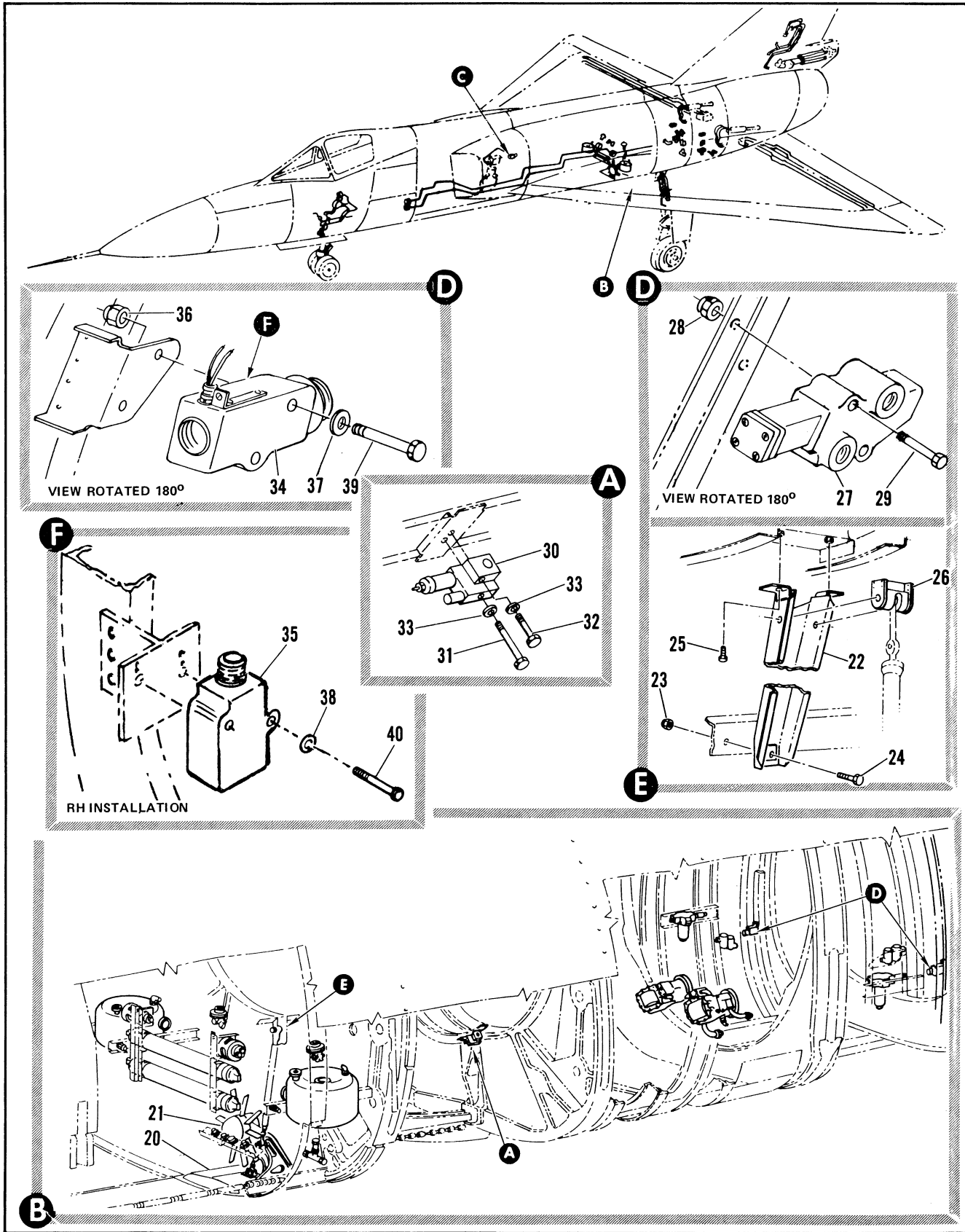


Figure 2.8-1. Hydraulic Equipment (Sheet 2 of 4)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.8-1- 20		• TURBINE INSTL, RAM AIR SEE FIG. 2.8-7	RF		
- 21	8-74752	• TURBINE INSTL, RAM AIR SEE FIG. 2.8-7	RF		
		• SUPPORT INSTL, RAM AIR TURBINE LH FOR NHA SEE FIG. 2.3-14	RF	35	
- 22	8-74752-17	• • SUPPORT ASSY, RAM AIR TURBINE ATTACHING PARTS	1	35	
- 23	NAS679A4	• • NUT	1	35	
- 24	AN4-5A	• • BOLT	1	35	
- 25	AN4-3A	• • BOLT	2	35	
		-----X-----			
- 26	8-74156-9	• • SUPPORT	1	35	
	8-81344-1	• VALVE INSTL, SOLENOID OPERATED HYDRAULIC CHECK FOR NHA SEE FIG. 2.3-3	RF	189	
- 27	15810	• • VALVE ASSY, SOLENOID OPERATED HYDRAULIC CHECK STA 3G1 <99643> SPEC 8-08574-1 T.O.9P5-12-44-3 ATTACHING PARTS	1	189	
- 28	NAS679A3	• • NUT	2	189	
	NAS1292-3	• • NUT	2		
- 29	NAS1103-16	• • BOLT	2	189	
		-----X-----			
	8-81327-1	• VALVE INSTL, EMERGENCY GENERATOR SHUTOFF STA 468 FOR NHA SEE FIG. 2.3-11	RF	35	
- 30	52449-61	• • VALVE ASSY, HYDRAULIC SHUTOFF <00502> SPEC 8-00389-5 T.O. 9H8-14-99-53 ATTACHING PARTS	1	35	
- 31	AN3-24A	• • BOLT	1	35	
- 32	AN3-14A	• • BOLT	1	35	
- 33	AN960D10	• • WASHER	2	35	
		-----X-----			
	8-81342-1	• SWITCH INSTL, HYDRAULIC THERMAL LH FOR NHA SEE FIG. 2.3-15	RF	90	
	8-81342-2	• SWITCH INSTL, HYDRAULIC THERMAL RH MOD BY 7144621-30 FOR NHA SEE FIG. 2.3-15	RF	90	
- 34	1044-2	• • SWITCH, THERMOSTATIC <80234> SPEC 8-80659-3	1	90	
- 35	1044-2	• • SWITCH, THERMOSTATIC (80234) ATTACHING PARTS	1		
- 36	NAS679A3	• • NUT	2	90	
- 37	AN960-10L	• • WASHER	2	90	
- 38	AN960-10	• • WASHER, RH	2		
- 39	AN3-17A	• • BOLT, LH	2		
	NAS1103-18	• • BOLT, LH	2	90	
	NAS1103-18	• • BOLT, RH	2	90	
- 40	NAS1103-20	• • BOLT, RH	2		
		-----X-----			

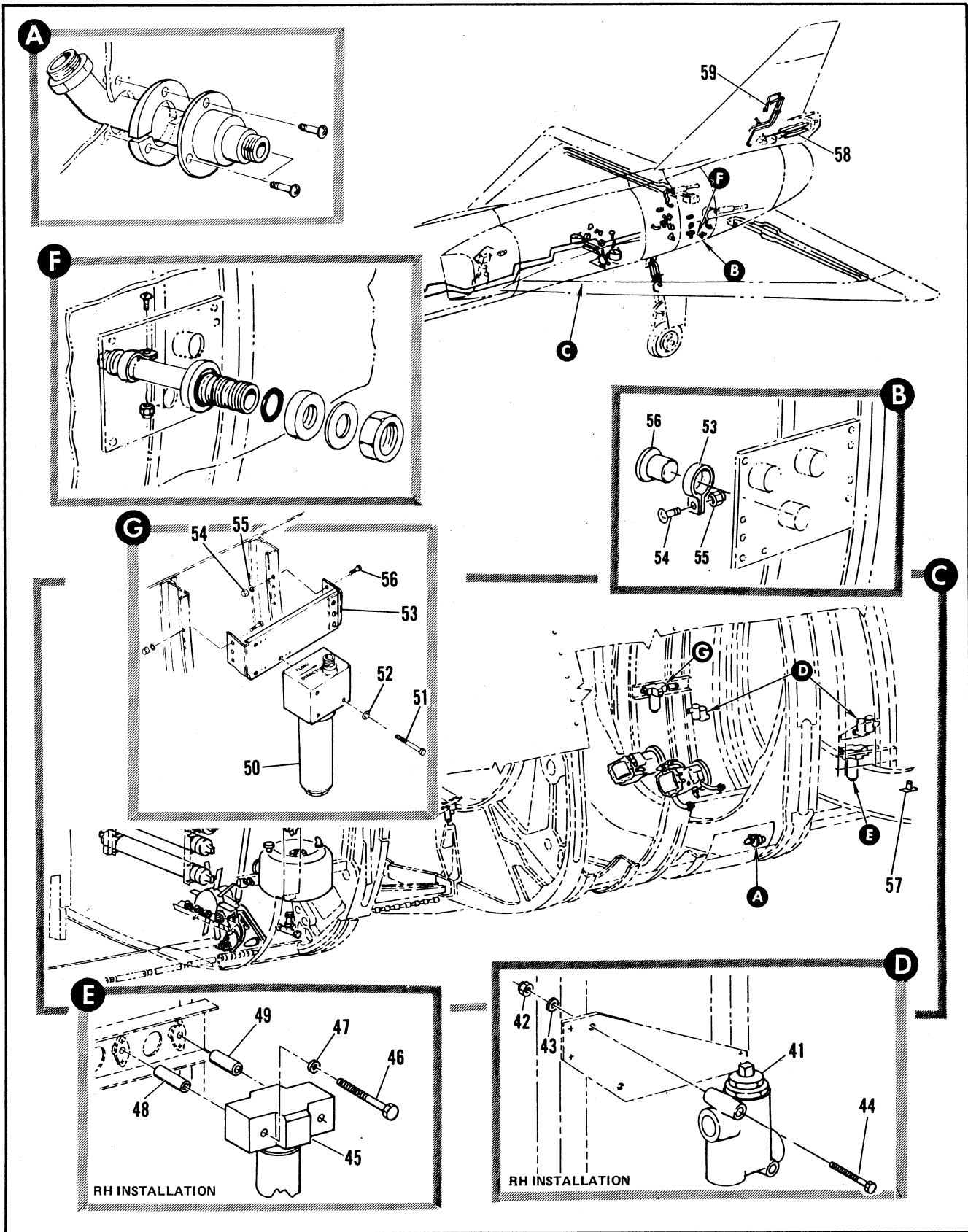


Figure 2.8-1. Hydraulic Equipment (Sheet 3 of 4)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.8-1	8-81326-1	• VALVE INSTL, HYDRAULIC RELIEF STA 530 LH MODIFIED BY 8-80132 FOR NHA SEE FIG. 2.3-15	RF	35	
	8-81326-3	• VALVE INSTL, HYDRAULIC RELIEF STA 530 RH MODIFIED BY 8-80132 FOR NHA SEE FIG. 2.3-15	RF	35	
- 41	EA50004-3	• VALVE ASSY, HYDRAULIC RELIEF (80048) SPEC 8-00329-3 T.O. 9H8-2-110-13 (EA50004-6 IS SUITABLE SUB)	1	35	160
	EA50004-6	• VALVE ASSY, HYDRAULIC RELIEF (80048) SPEC 8-00329-3 T.O. 9H8-2-110-13 (SUITABLE SUB FOR EA50004-5)	1	160	
		ATTACHING PARTS			
- 42	NAS679A4	• NUT (80205)	2	35	
- 43	AN960-416L	• WASHER (88044)	2	35	
- 44	AN4-22A	• BOLT (88044)	2	35	
		-----X-----			
	8-81308-801	• FILTER INSTL, HYDRAULIC HIGH PRESSURE LH FOR NHA SEE FIG. 2.3-15	RF	35	277
	8-81308-1	• FILTER INSTL, HYDRAULIC HIGH PRESSURE LH FOR NHA SEE FIG. 2.3-15	RF	278	
	8-81308-802	• FILTER INSTL, HYDRAULIC HIGH PRESSURE RH MOD BY 7144628-30 FOR NHA SEE FIG. 2.3-15	RF	35	277
	8-81308-2	• FILTER INSTL, HYDRAULIC HIGH PRESSURE RH MOD BY 7144628-30 FOR NHA SEE FIG. 2.3-15	RF	278	
- 45	AC840-81	• FILTER ASSY, (01414) SPEC 8-08452-801 REF T.O.9H3-3-39-33; USE FILTER ELEMENT AC 860E-12, FSN 1650-555-1615 CLEAN ELEMENT PER 9H3-1-1, USE PARTS KIT AC840-81KC UNTIL EXHAUSTED, THEN USE AAR60-12KC.	2	35	
		ATTACHING PARTS			
- 46	AN4-26A	• BOLT (88044)	2	35	
- 47	AN960PD416	• WASHER (88044)	2	35	
- 48	8-81243	• SPACER	1	35	
- 49	8-81243-1	• SPACER	1	35	
		-----X-----			
- 50	AC3255-12HM	• FILTER ASSY (01414) RH SIDE ONLY SEE FIG. 2.8-2 FOR BREAKDOWN	1	1	
		ATTACHING PARTS			
- 51	NAS1104-44	• BOLT, RH (80205)	3		
- 52	AN960-416	• WASHER, RH (88044)	3		
		-----X-----			
- 53	7144628-03	• CLIP, FILTER MTG, RH (98750)	1		
		ATTACHING PARTS			
- 54	MS21042L3	• NUT, RH (96906)	4		
- 55	AN960-10	• WASHER, RH (88044)	4		
- 56	NAS1103-3	• BOLT, RH (80205)	4		
		-----X-----			
	8-81322	• FITTING INSTL, HYDRAULIC PUMP SEAL DRAIN FOR NHA SEE FIG. 2.3-16	RF	35	
- 57	8-80209	• FITTING	1	35	
- 58		• TUBING INSTL, SPEED BRAKE HYDRAULIC SEE FIG. 2.8-19	RF		
- 59		• TUBING INSTL, VERTICAL STABILIZER HYDRAULIC SEE FIG. 2.8-11 AND 2.8-18	RF		
	8-81313-803	• COUPOING INSTL, HYDRAULIC PRESSURE AND SUCTION STA 520 LH MODIFIED BY 8-80132 FOR NHA SEE FIG. 2.3-16	RF	A	

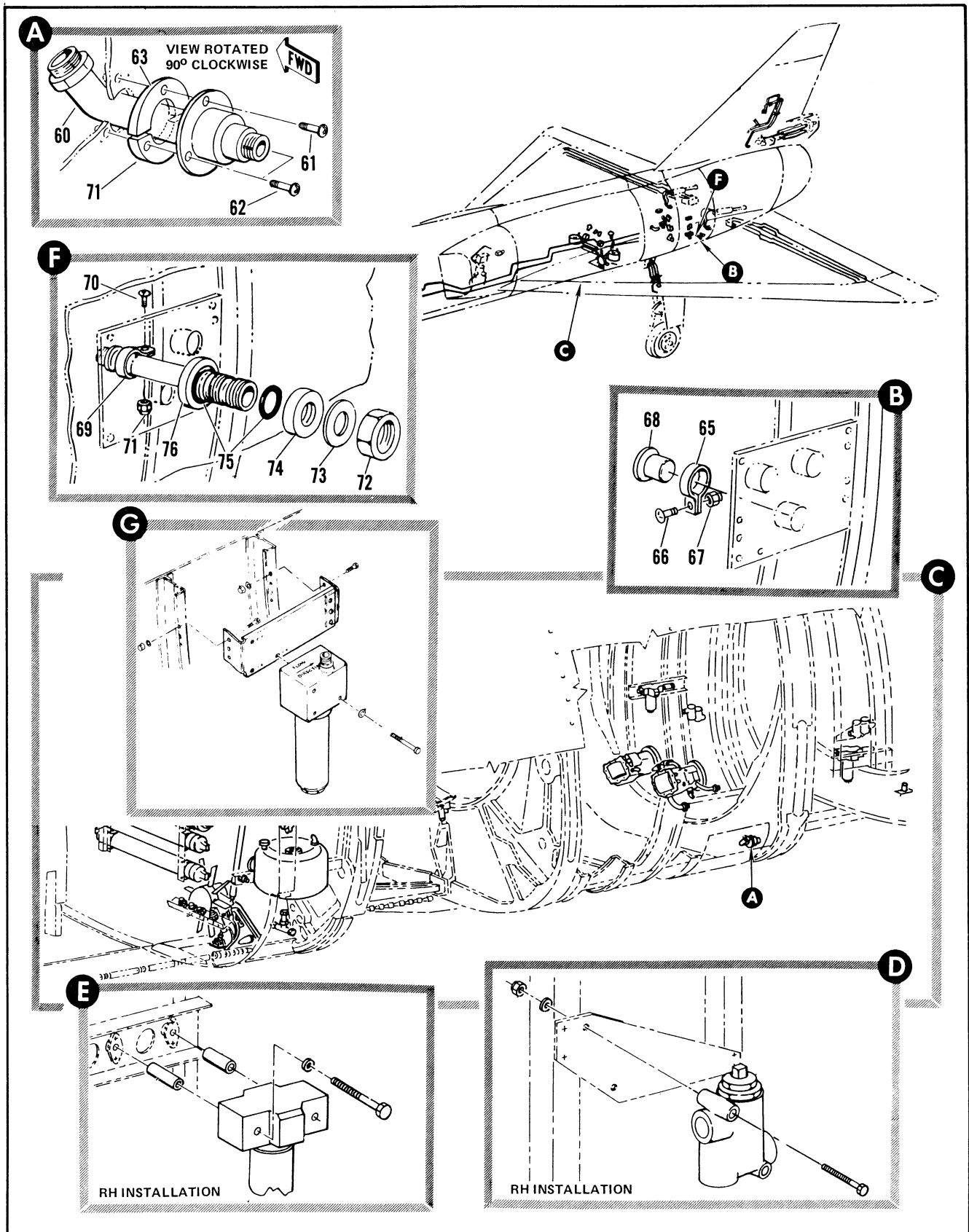


Figure 2.8-1. Hydraulic Equipment (Sheet 4 of 4)



FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.8-1	8-81313-807	• COUPLING INSTL, HYDRAULIC PRESSURE AND SUCTION STA 520 LH FOR NHA SEE FIG. 2.3-15	RF	48	277
	8-81313-805	• COUPLING INSTL, HYDRAULIC PRESSURE AND SUCTION STA 520 RH MODIFIED BY 8-80132 FOR NHA SEE FIG. 2.3-15	RF	A	
	8-81313-809	• COUPLING INSTL, HYDRAULIC PRESSURE AND SUCTION STA 520 RH FOR NHA SEE FIG. 2.3-15	RF	48	277
- 60	307534-16D	• • COUPLING ASSY, <00624> 92-73903-001 ATTACHING PARTS	1	35	
- 61	NAS221-8	• • SCREW	1	35	277
	NAS221-9	• • SCREW	1	278	
- 62	NAS221-8	• • SCREW	1	35	277
	AN502-10-10	• • SCREW	1	278	
	NAS221-10	• • SCREW	1	278	
	AN502-10-10	• • SCREW	1	278	
		----X----			
- 63	8-80132-7	• • SHIM, COUPLING ASSEMBLY	1	278	
- 64	8-80132-9	• • SHIM, COUPLING ASSEMBLY	1	278	
	8-81343-3	• FITTING INSTL, HYDRAULIC HEAT EXCHANGER WING LH STA 533 MODIFIED BY 8-80125 FOR NHA SEE FIG. 2.3-14	RF	35	
	8-81343-4	• FITTING INSTL, HYDRAULIC HEAT EXCHANGER WING RH STA 533 MODIFIED BY 8-80125 FOR NHA SEE FIG. 2.3-14	RF	35	
- 65	AN735012	• • CLAMP ATTACHING PARTS	1	35	159
- 66	NAS221-8	• • SCREW	1	35	159
- 67	NAS679A3	• • NUT	1	35	159
		----X----			
- 68	8-81505	• • PLUG	1	35	159
- 69	AN735012	• • CLAMP ATTACHING PARTS	2	35	
- 70	NAS221-8	• • SCREW	2	35	
- 71	NAS679A3	• • NUT	2	35	
		----X----			
	8-81343-1	• FITTING INSTL, HYDRAULIC HEAT EXCHANGER WING LH STA 538 FOR NHA SEE FIG. 2.6-32	RF	35	
	8-81343-2	• FITTING INSTL, HYDRAULIC HEAT EXCHANGER WING RH STA 538 FOR NHA SEE FIG. 2.6-32	RF	35	
- 72	AN924-10D	• • NUT	2	35	
- 73	AN96001416	• • WASHER	2	35	
- 74	8-21311-25	• • WASHER	2	35	
- 75	MS29513-20	• • PACKING	4	35	
- 76	8-81506-7	• • FITTING	2	35	
A AIRPLANES #35 THRU 47, 278 AND ON					

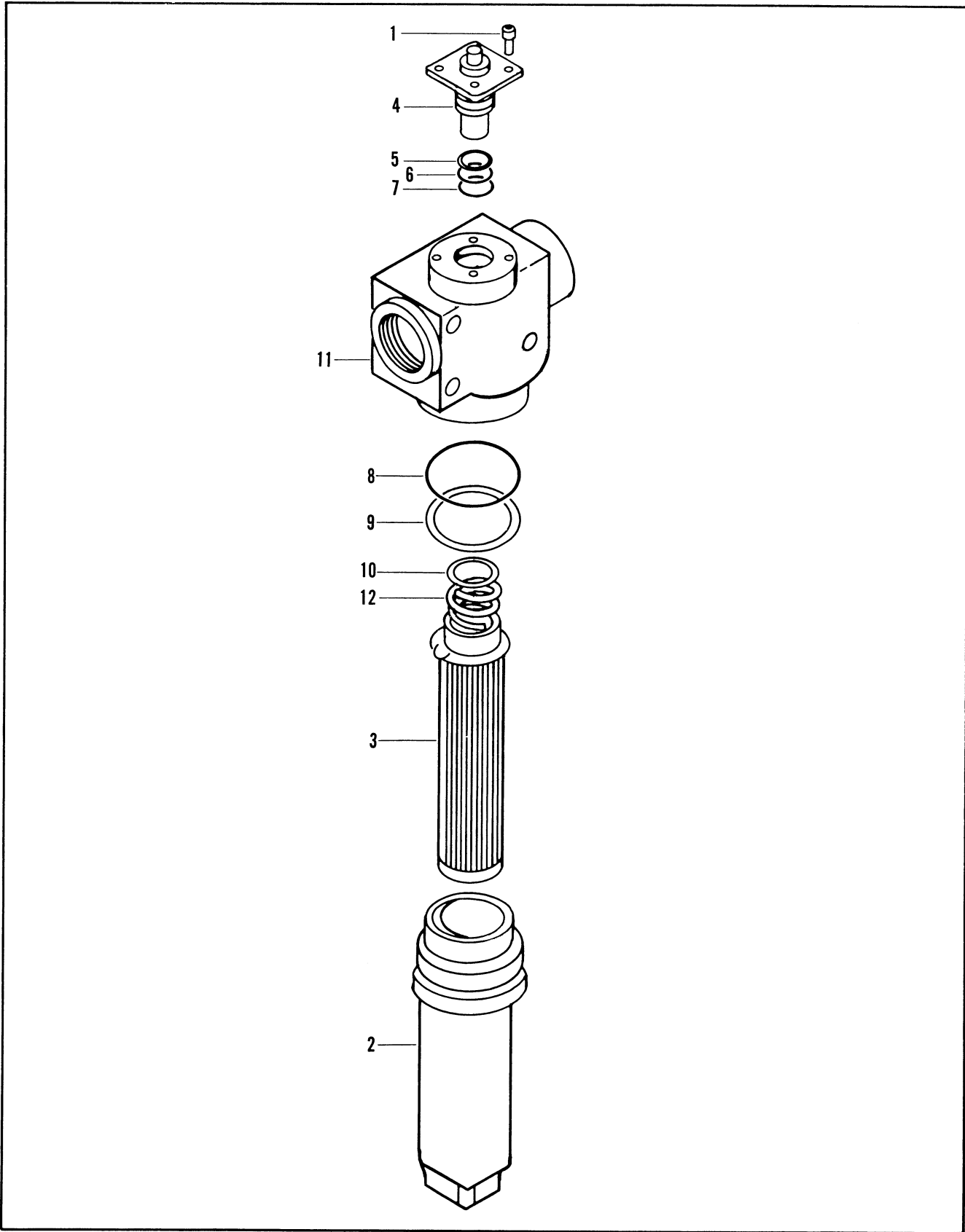


Figure 2.8-2. Hydraulic Filter

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.8-2-2		1 2 3 4 5 6			
- 2	AA2100-11099	• SOCKET HEAD CAP SCREW	4		
- 3	AC-3255-12HD2	• FILTER BOWL	1		
- 4	AC-3255-12	• FILTER ELEMENT	1		
- 5	RC193PH096	• PRESSURE INDICATOR	1		
- 6	MS28774-015	• RETAINER	1		
- 7	MS28775-015	• PACKING	1		
- 8	MS28774-014	• PACKING	1		
- 9	MS28775-132	• PACKING	1		
- 10	MS28774-132	• PACKING	1		
- 11	MS28775-024	• PACKING	1		
- 12	AA-3255-12HMDIA	• FILTER HEAD	1		
- 12	AA-3258-12D1	• SPRING, ELEMENT, REMOVAL	1		

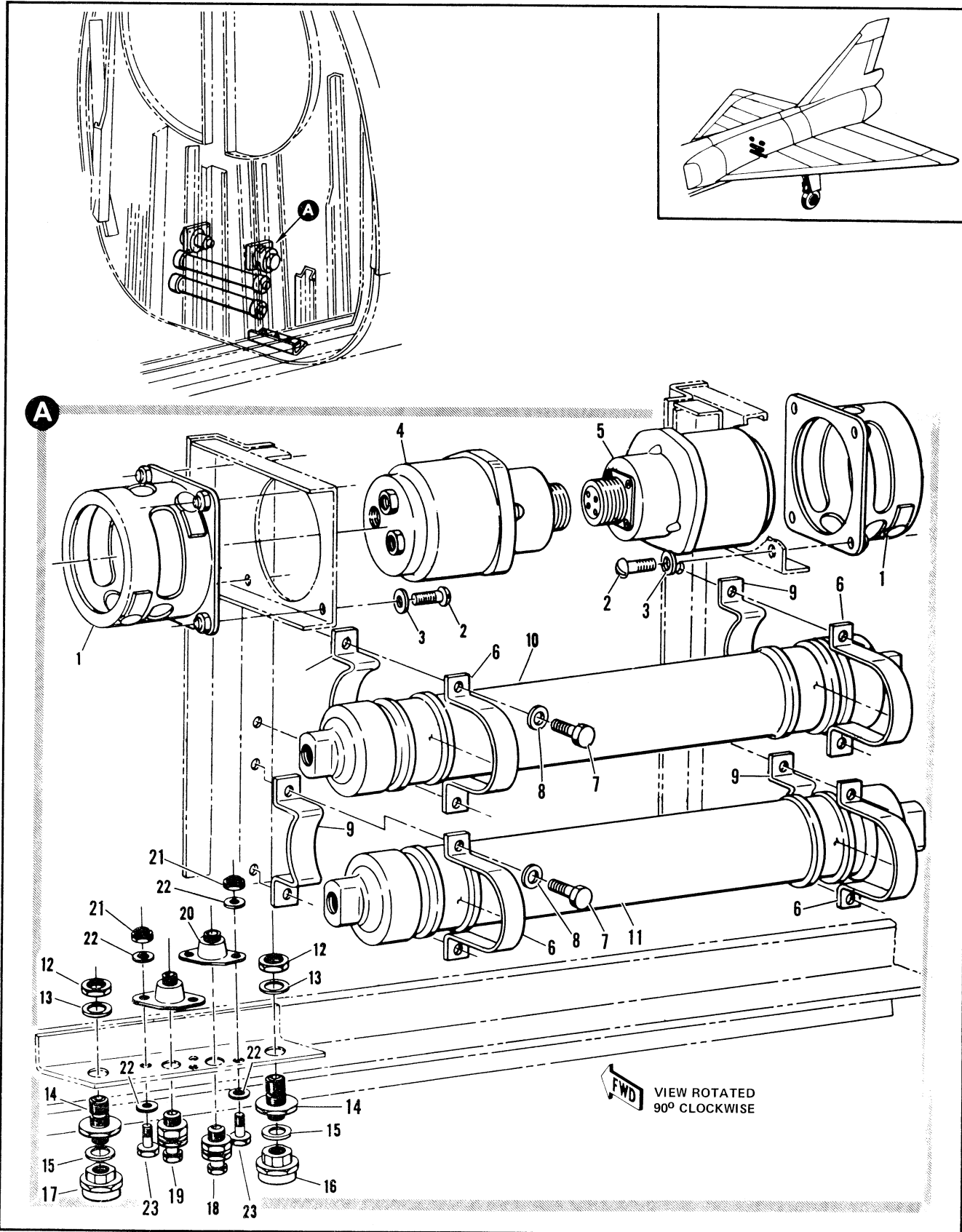


Figure 2.8-3. Hydraulic Accumulator Installation Sta 412

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.8-3	8-81317	ACCUMULATOR INSTALLATION, HYDRAULIC STA 412 FOR NHA SEE FIG. 2.3-10	RF	35	
- 1	K297-6	• MOUNT, <51116> 96-07503-001 ATTACHING PARTS	2	35	
- 2	AN515-8R6	• SCREW	8	35	
- 3	AN960D8L	• WASHER	8	35	
- 4	7615-37B5-1	-----X----- • TRANSMITTER AND SWITCH ASSY, PRIMARY PRESSURE <19315> SPEC 8-08456 T.O. 5P5-3-30-3 ALT INTCHG WITH 7615-37A5-1	RF	35	
- 5	7615-37B5-1	• TRANSMITTER AND SWITCH ASSY, SECONDARY PRESSURE <19315> SPEC 8-08456 T.O. 5P5-3-30-3 ALT INTCHG WITH 7615-37A5-1	RF	35	
- 6	8-81057-7	• CLAMP ATTACHING PARTS	4	35	
- 7	AN3-6A	• BOLT	8	35	
- 8	AN960PD10L	• WASHER	8	35	
- 9	8-81057-9	• SADDLE	4	35	
- 10	1356-553818	• ACCUMULATOR ASSY, PRIMARY HYDRAULIC <92003> SPEC 8-08453 T.O. 9H1-2-5-43	1	35	
	08-8422-030	• ACCUMULATOR ASSY, PRIMARY HYDRAULIC (81616) SUITABLE SUB FOR 1356-553818 T.O. 9H1-2-46-3	1	35	
- 11	1356-553818	• ACCUMULATOR ASSY, SECONDARY HYDRAULIC <92003> SPEC 8-08453 T.O. 9H1-2-5-43	1	35	
	08-8422-030	• ACCUMULATOR ASSY, SECONDARY HYDRAULIC (81616) SUITABLE SUB FOR 1356-553818 T.O. 9H1-2-46-3	1	35	
- 12	AN924-4D	• NUT	2	35	
- 13	AN960PD716	• WASHER	2	35	
- 14	MS21903D4	• UNION	2	35	
- 15	AN6290-4	• GASKET	2	35	
- 16	AW1026AE01	• GAUGE, DIRECT INDICATING PRIMARY PRESSURE <61349> AERN061-2341 TYPE MS24478-2 GFAE	1	35	
- 17	AW1026AE01	• GAUGE, DIRECT INDICATING SECONDARY PRESSURE <61349> AERN061-2341 TYPE MS24478-2 GFAE	1	35	
- 18	MS28889-1	• VALVE, PRIMARY HIGH PRESSURE CHARGING 99-34801-001	1	35	
- 19	MS28889-1	• VALVE, SECONDARY HIGH PRESSURE CHARGING 99-34801-001	1	35	
- 20	8-81236-11	• ADAPTER ATTACHING PARTS	2	35	
- 21	AN363-1032	• NUT	2	35	
- 22	AN960PD10L	• WASHER	4	35	
- 23	AN3-3A	• BOLT	2	35	
		-----X-----			

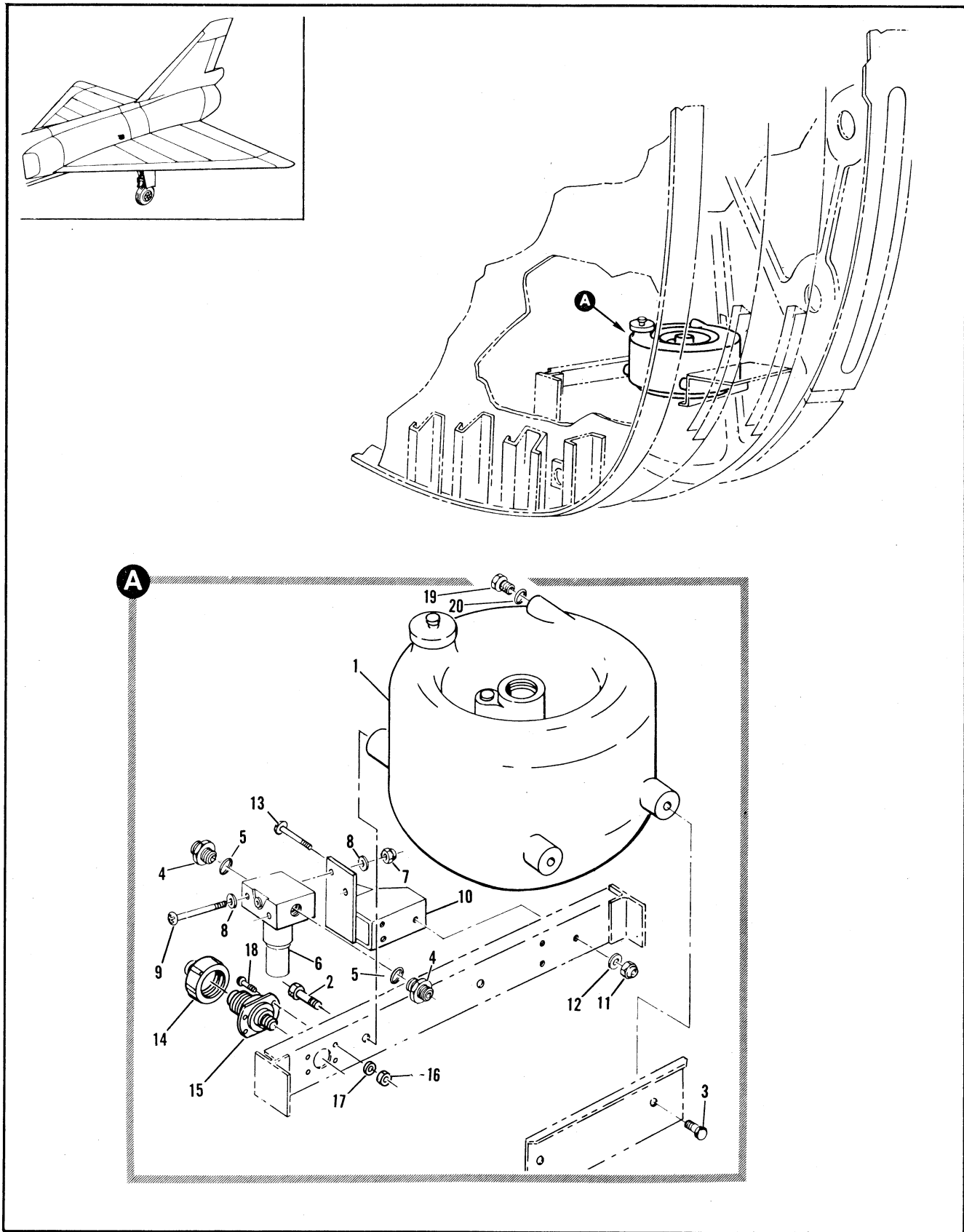


Figure 2.8-4. Primary Hydraulic Reservoir Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.8-4	8-81314-1	RESERVOIR INSTALLATION, PRIMARY HYDRAULIC MODIFIED BY 8-80109 AND 8-82403 FOR NHA SEE FIG. 2.3-3	RF	35	
- 1	6300-1	• RESERVOIR ASSY, PRIMARY HYDRAULIC <81896> SPEC 8-08485-7 T.O. 9H5-3-17-3 ATTACHING PARTS	1	35	
- 2	AN5H4A	• BOLT	2	35	
- 3	NK5-4	• BOLT, <02615> 90-84000-003 -----X-----	2	35	
	63-00036-1	• SEAL, O-RING FURNISHED WITH 6300-1	RF	35	
- 4	MS21916D6-4	• REDUCER	2	35	
- 5	AN6290-4	• GASKET	2	35	
- 6	AC1526-4	• FILTER ASSY, (01414) SPEC 8-00460-1 T.O. 9H3-3-43-3 REQUIRES FILTER ELEMENT AC1526-E4, STOCK NUMBER 1650-684-4717, T.O. 9H3-1-1 ATTACHING PARTS	1	35	
- 7	NAS679A3	• NUT	2	35	
- 8	AN960PD10	• WASHER	4	35	
- 9	AN520-1GR36	• SCREW -----X-----	2	35	
- 10	8-81314-45	• SUPPORT ASSY, FILTER WELDED ATTACHING PARTS	1	35	
- 11	NAS679A3	• NUT	3	35	
- 12	AN960PD10L	• WASHER	3	35	215
	AN960-10L	• WASHER	3	216	
- 13	NAS221DD7	• SCREW	3	35	215
	NAS221-7	• SCREW -----X-----	3	216	
- 14	155-S7-5D	• CAP, <00624> 91-52300-006	1	35	
- 15	3024S4-4D	• COUPLING, PRIMARY QUICK DISCONNECT <00624> SPEC 8-00455-1 ATTACHING PARTS	1	35	
- 16	NAS679A3	• NUT	4	35	
- 17	AN960PD10L	• WASHER	4	35	
- 18	AN520-10R6	• SCREW -----X-----	4	35	
- 19	MS21913D4	• CAP	1	A	
- 20	AN6290-4	• GASKET	1	A	
		A AIRPLANES #287, 288, 291, 295 THRU 297, 299, AND 302			

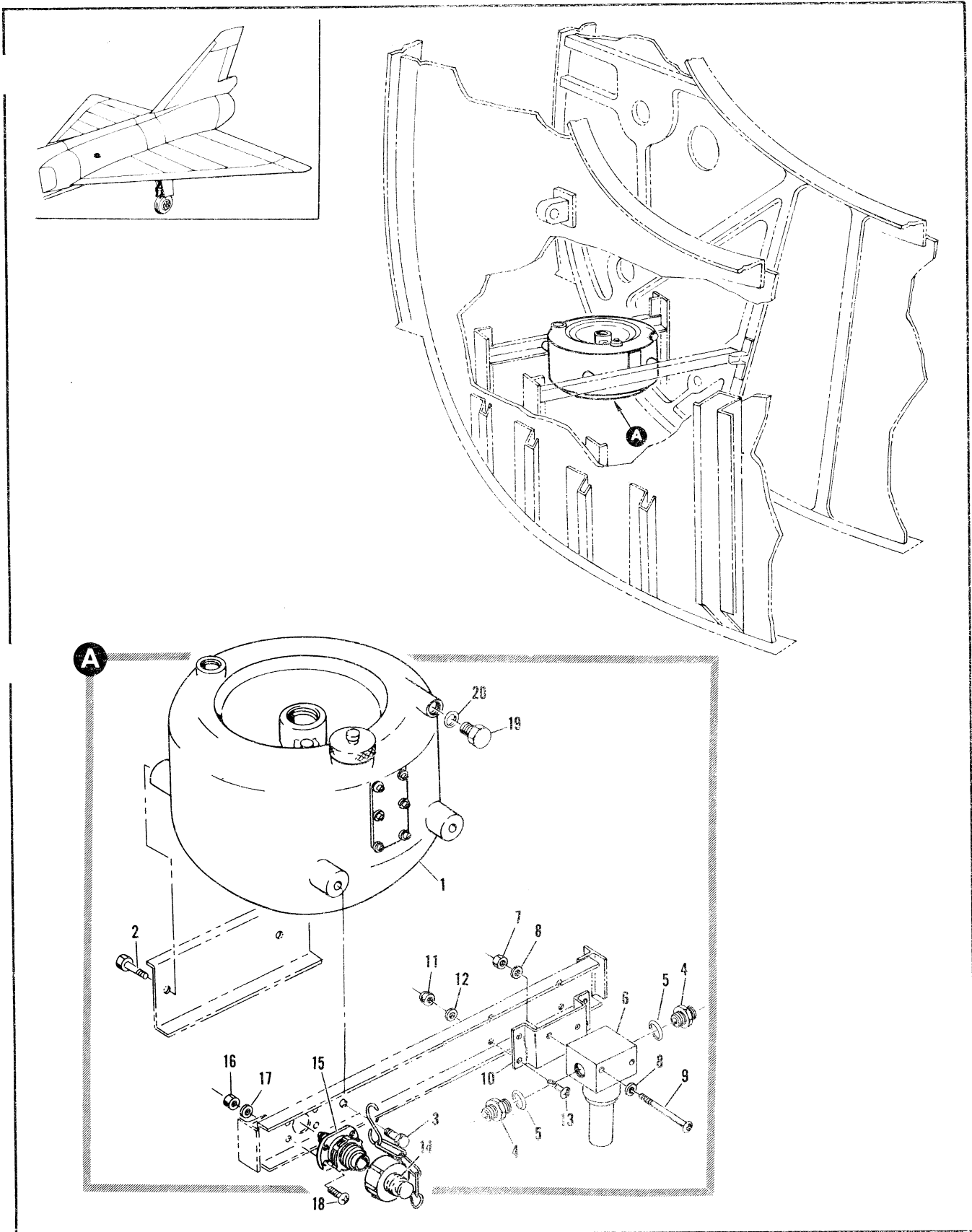


Figure 2.8-5. Secondary Hydraulic Reservoir Installation



FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.8-5	8-81314-3	RESERVOIR INSTALLATION, SECONDARY HYDRAULIC MODIFIED BY 8-80109 AND 8-82403 FOR NHA SEE FIG. 2.3-3	RF	35	
- 1	7144633-10	RESERVOIR ASSY, SECONDARY HYDRAULIC ALTERED FROM (81896) PART NO. 6301-1 T.O. 9H5-3-17-3	1		
- 2	NK5-4	ATTACHING PARTS	2	35	
- 3	AN5H4A	• BOLT, <J2615> 90-84000-003 • BOLT	2	35	
		-----X-----			
- 4	63-00036-1	• SEAL, O-RING FURNISHED WITH 6301-1	RF	35	
- 5	MS21916D6-4	• REDUCER	2	35	
- 6	AN6290-4	• GASKET	2	35	
- 7	AC1526-4	• FILTER ASSY, (01414) T.O. 9H3-3-43-3	1	35	
- 8	NAS679A3	• NUT	2	35	
- 9	AN960PD10	• WASHER	4	35	
- 9	AN520-10R36	• SCREW	2	35	
		-----X-----			
- 10	8-81314-47	• SUPPORT, FILTER ATTACHING PARTS	1	35	
- 11	NAS679A3	• NUT	4	35	
- 12	AN960PD10L	• WASHER	4	35	159
- 12	AN960-10L	• WASHER	4	160	
- 13	NAS221DD7	• SCREW	4	35	159
- 13	NAS1103-2	• BOLT	4	160	
		-----X-----			
- 14	155-S7-5D	• CAP, <00624> 91-52300-006	1	35	
- 15	3024S4-4D	• COUPLING, SECONDARY QUICK DISCONNECT <00624> SPEC 8-00455-1 ATTACHING PARTS	1	35	
- 16	NAS679A3	• NUT	4	35	
- 17	AN960PD10L	• WASHER	4	35	
- 18	AN520-10R6	• SCREW	4	35	
		-----X-----			
- 19	MS21913D4	• CAP	1	35	
- 20	AN6290-4	• GASKET	1	35	

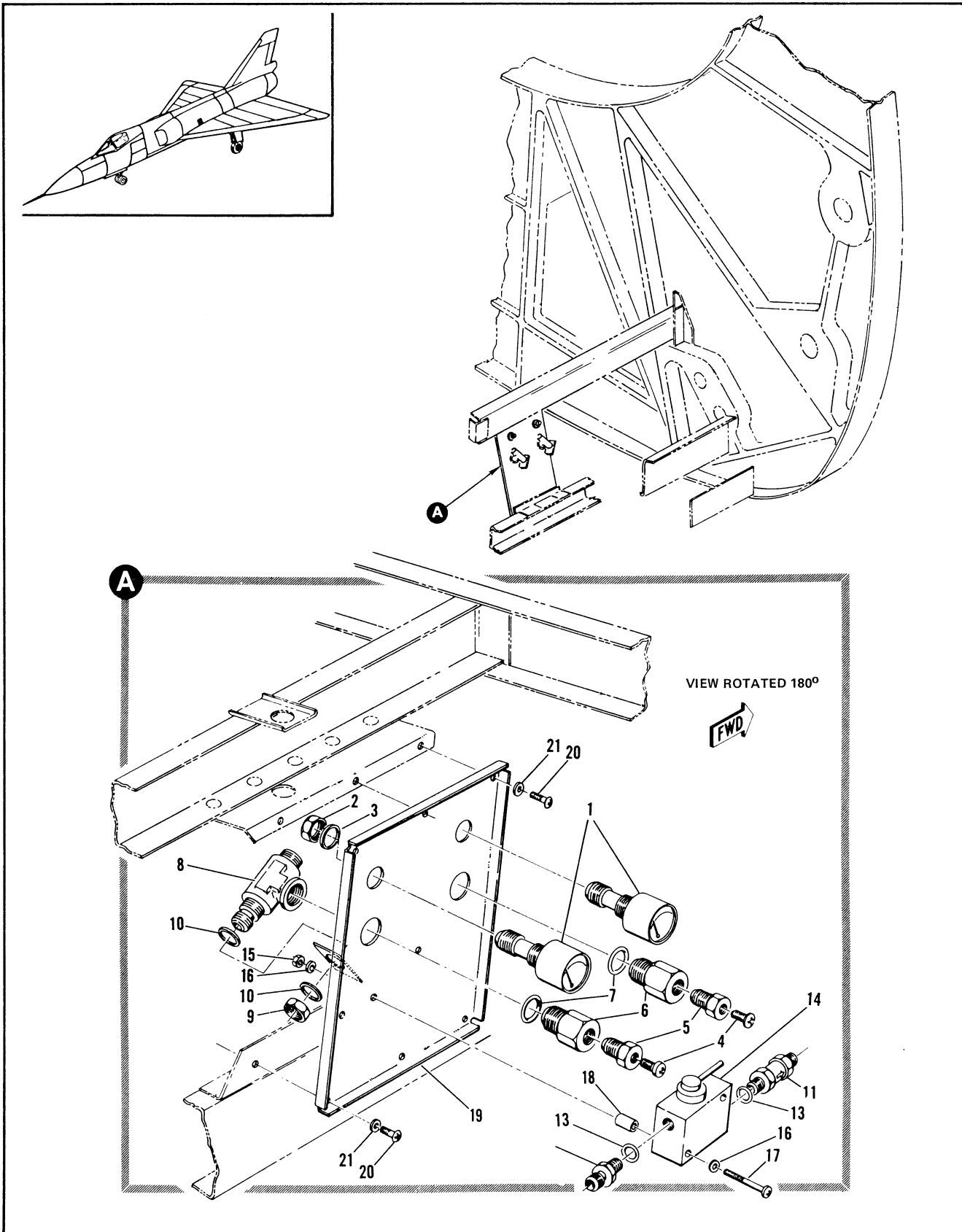


Figure 2.8-6. Hydraulic Reservoir Pressure Panel

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.8-6					
- 1	6918-707	HYDRAULIC RESERVOIR PRESSURE PANEL • GAGE, PNEUMATIC LOW PRESSURE <51240> SPEC 8-08678-1 ATTACHING PARTS	2	RF	A
- 2	AN924-3D	• NUT	2		A
- 3	AN960PD616	• WASHER -----X-----	2		A
- 4	AN501AC10-6	• SCREW	2		A
- 5	AN6204-1	• VALVE, HYDRAULIC BLEEDER	2		A
- 6	8-82406	• ADAPTER, BLEED FITTING	2		A
- 7	AN6290-3	• GASKET	2		A
- 8	MS21910D3	• TEE	2		A
- 9	AN924-3D	• NUT	2		A
- 10	AN960PD616	• WASHER	4		A
- 11	P12-319	• VALVE, PNEUMATIC HIGH PRESSURE CHECK <91816> SPEC 8-00430-11	1		A
- 12	MS21916D4-3	• REDUCER	1		A
- 13	AN6290-4	• GASKET	1		A
- 14	P16-416	• VALVE, PNEUMATIC HIGH PRESSURE <91816> SPEC 8-08677-1 ATTACHING PARTS	1		A
- 15	NAS1291-3	• NUT	2		A
- 16	AN960-10L	• WASHER	4		A
- 17	NAS221-24	• SCREW -----X-----	2		A
- 18	NAS43DD3-16	• SPACER	2		A
- 19	8-82403-21	• PANEL ASSY, HYDRAULIC RESERVOIR PRESSURE RIVETED ATTACHING PARTS	1		A
- 20	NAS2219	• SCREW	6		A
- 21	AN960-10L	• WASHER -----X-----	6		A
		A AIRPLANES #287, 288, 291, 295 THRU 297, 299, AND 302			

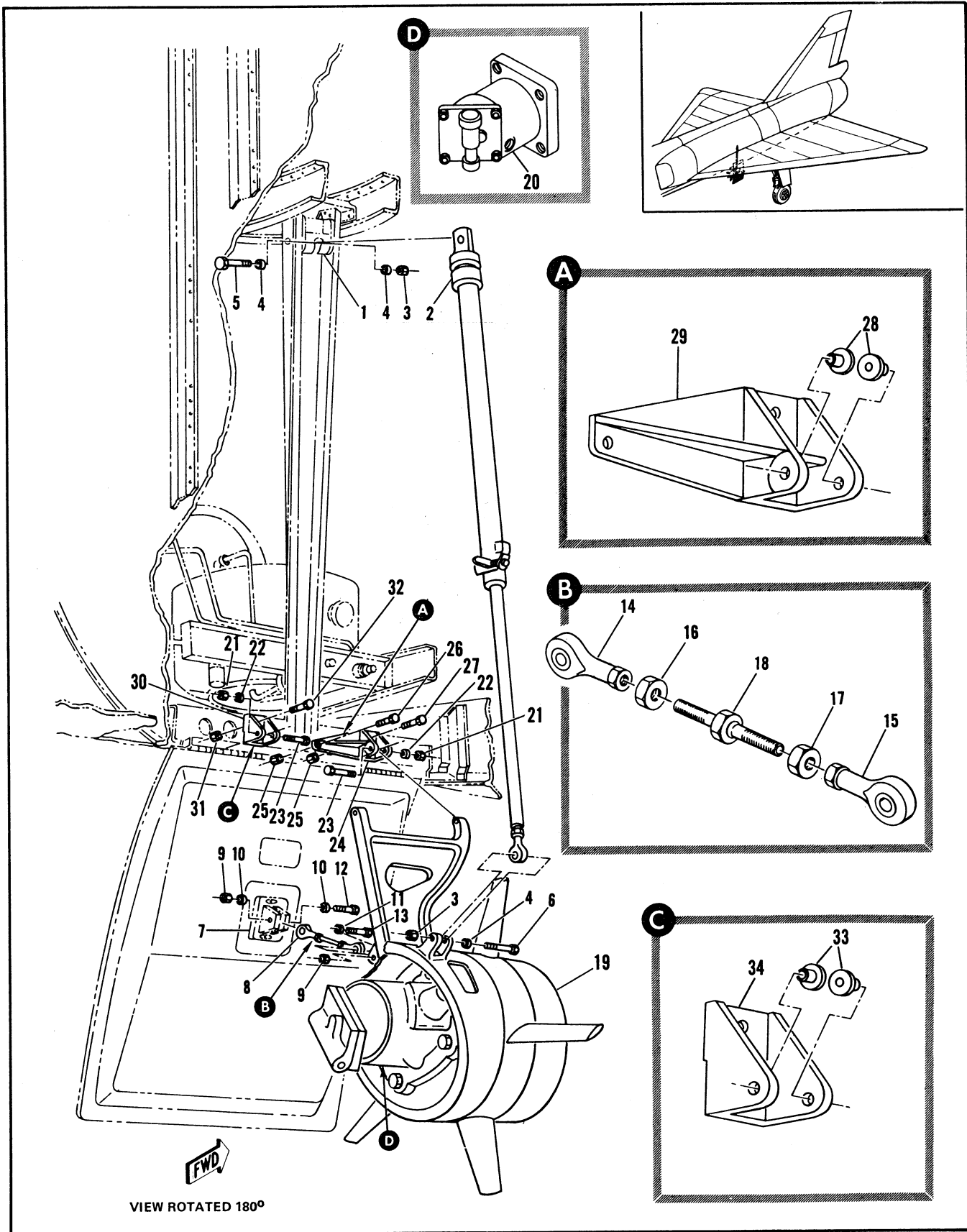


Figure 2.8-7. Ram Air Turbine Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.8-7	8-45957	TURBINE INSTALLATION, RAM AIR FOR NHA SEE FIG. 2.3-3	RF	35	
- 1		• SUPPORT, SEE FIG. 2.8-1 INDEX 24	RF		
- 2	10906	• ACTUATOR ASSY, <97395> SPEC 8-08945-1 T.O.9P2-3-29-3 ATTACHING PARTS	1	35	
- 3	NAS679A4	• NUT	2	35	
- 4	AN960D416	• WASHER	3	35	
- 5	NAS464-4A34	• BOLT	1	35	
- 6	NAS464-4A14	• BOLT	1	35	
- 7		-----X----- • BRACKET ASSY, TURBINE DOOR LINK ATTACHMENT SEE FIG. 2.8-8 INDEX 10	RF		
- 8	8-44902-1	• ROD ASSY, RAM AIR TURBINE ATTACHING PARTS	1	35	
- 9	NAS679A3	• NUT	2	35	
- 10	AN960-10L	• WASHER	2	35	
- 11	AN960D10	• WASHER	1	35	
- 12	AN3-10A	• BOLT	1	35	
- 13	AN3-12A	• BOLT	1	35	
- 14	HF36	• BEARING <73134> 90-60001-001	1	35	
- 15	HFL3	• BEARING, <73134> 90-60001-002	1	35	
- 16	S8079-205R	• NUT	1	35	
- 17	S8079-206L	• NUT	1	35	
- 18	8-44902-11	• ROD	1	35	
- 19	44102-1	• TURBINE ASSY, HYDRAULIC RAM AIR <70210> SPEC 8-00310-1 T.O.9H7-3-4-14	1	35	
- 20	PF76-3907-30S354	• PUMP, RAM AIR TURBINE T.O.9H4-5-3-3 ATTACHING PARTS	1	35	
- 21	AN320-4	• NUT	2	35	
- 22	AN960D416	• WASHER	2	35	
- 23	NAS464-4-18	• BOLT	2	35	
- 24	8-45960-1	• FITTING ASSY, RAM AIR TURBINE ATTACHING PARTS	1	35	
- 25	NAS679A3	• NUT	3	35	
- 26	AN3-5A	• BOLT	1	35	
- 27	AN3-6A	• BOLT	2	35	
- 28	91-26003-001	• BUSHING	2	35	
- 29	8-45960-7	• FITTING	1	35	
- 30	8-45963	• FITTING ASSY, RAM AIR TURBINE ATTACHING PARTS	1	35	
- 31	NAS679A3	• NUT	2	35	
- 32	AN3-6A	• BOLT	2	35	
- 33	91-26003-001	• BUSHING	2	35	
- 34	8-45959-7	• FITTING	1	35	

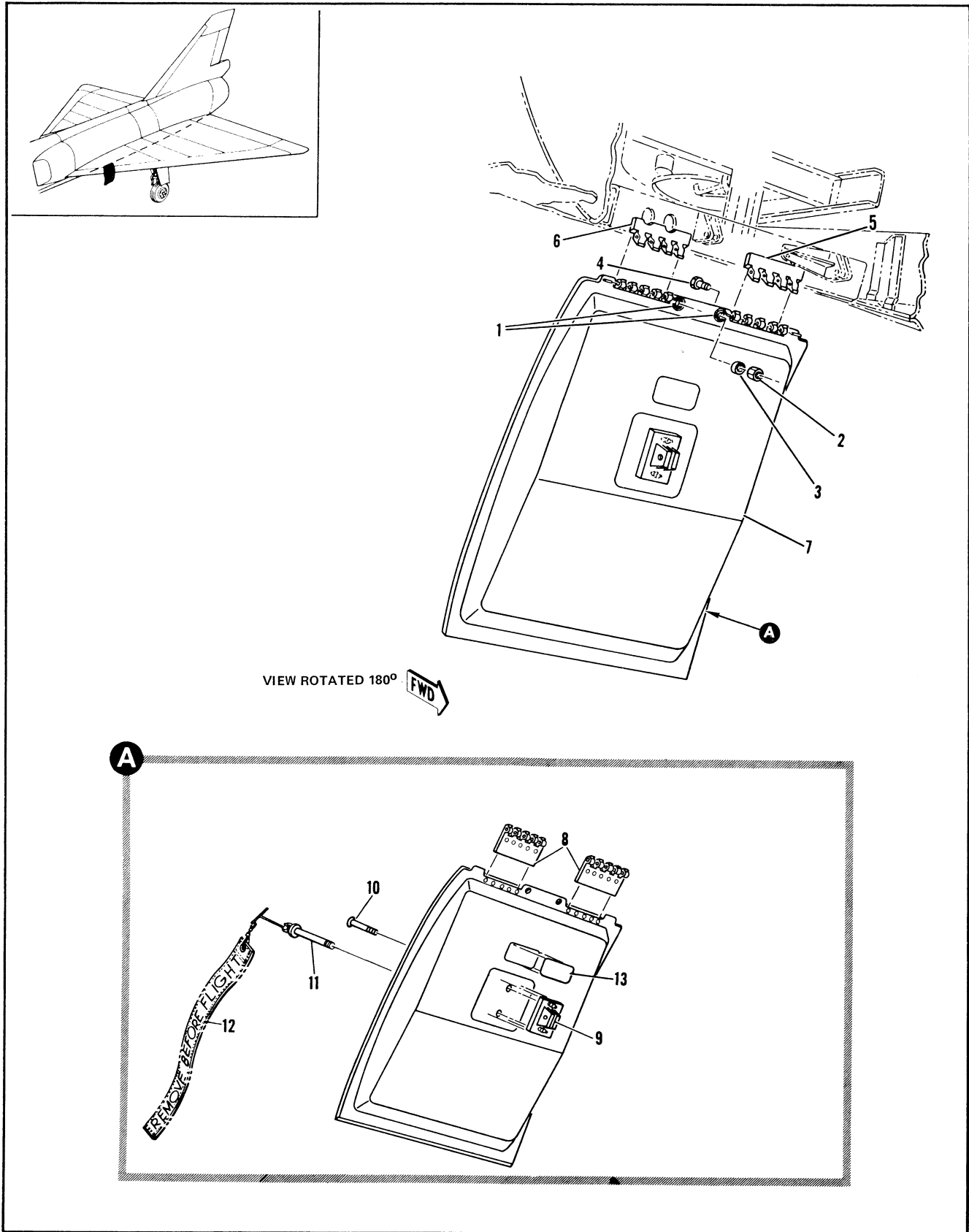


Figure 2.8-8. Ram Air Turbine Door Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.8-8	8-45958	DOOR INSTALLATION, RAM AIR TURBINE MODIFIED BY 8-44883 FOR NHA SEE FIG. 2.3-3	RF	35	
- 1	8-45971	• PIN, HINGE ATTACHING PARTS	2	35	
- 2	NAS679A08	• NUT	2	35	
- 3	AN960-8L	• WASHER	2	35	
- 4	AN509-8R6	• BOLT -----X-----	2	35	
- 5	8-45962-7	• HINGE, HALF	1	35	
- 6	8-45962	• HINGE, HALF	1	35	
- 7	8-45958-31	• DOOR ASSY, RAM AIR TURBINE REPLACES SUITABLE SUB FOR 8-45958-29	1	61	
- 8	8-45961	• • HINGE, HALF	2	35	
- 9	8-45931-3	• • BRACKET ASSY, TURBINE DOOR LINK ATTACHMENT RIVETED ATTACHING PARTS	1	35	
- 10	AN509-10R29	• • SCREW	1	35	
- 11	8-44778	• • EYEBOLT -----X-----	1	35	
- 12	63C52550-1	• • TEE HANDLE ASSY, RAM AIR TURBINE, SEE FIG. 2.15-1 INDEX 6	1	35	
- 13	AN7510-1	• • NAMEPLATE	1	35	

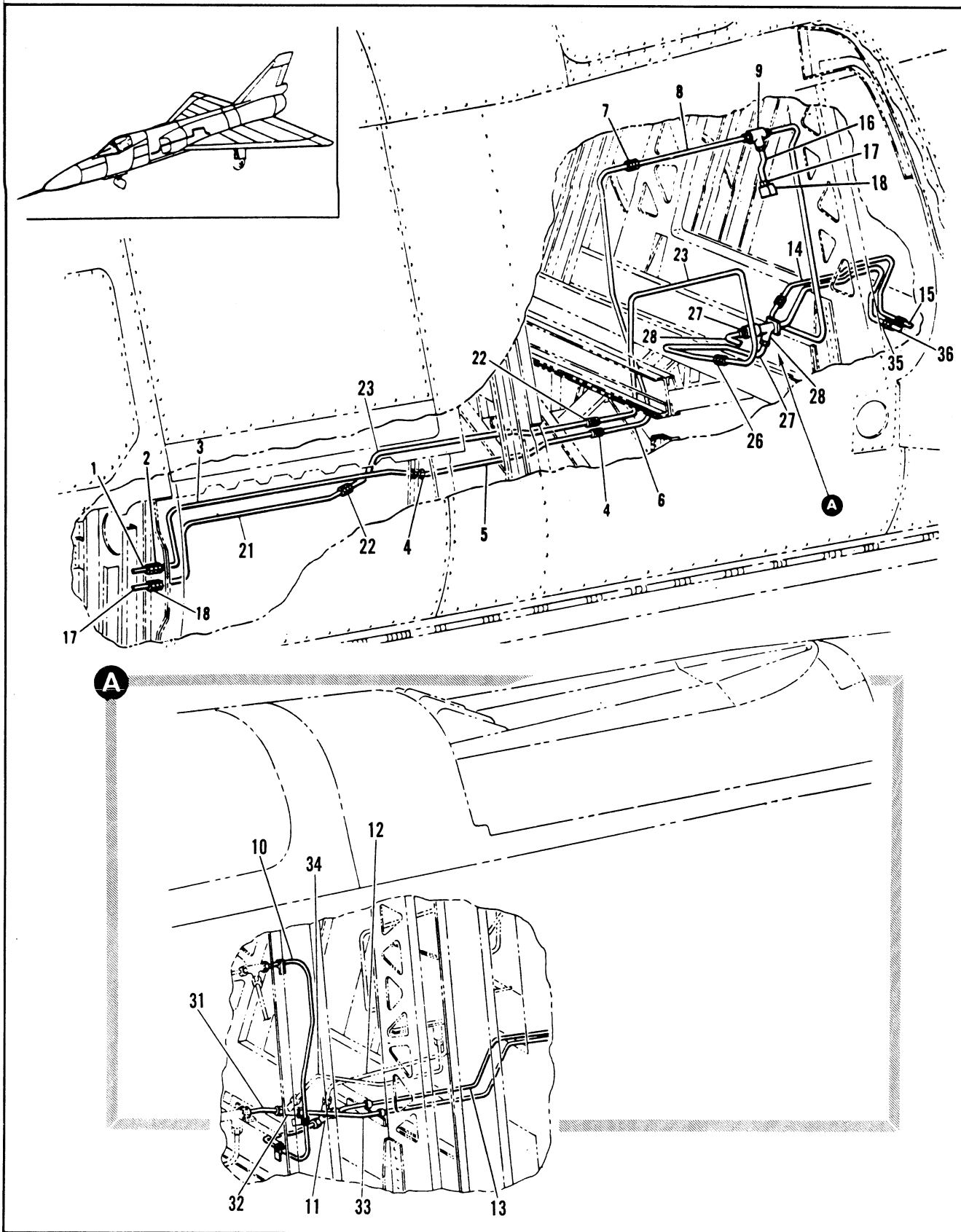


Figure 2.8-9. Power Source Refrigeration Compartment Hydraulic Tubing Installation Sta 216 to 336



FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.8-9	8-80031-801	TUBING INSTL, POWER SOURCE REFRIGERA- TION COMPARTMENT HYDRAULIC STATION 216 TO 335 MODIFIED BY 66J40297	RF		
	8-80031-803	TUBING INSTL, POWER SOURCE REFRIGERA- TION COMPARTMENT HYDRAULIC STATION 216 TO 336 MODIFIED BY 66J40297	RF		
	8-80031-809	TUBING INSTL, POWER SOURCE REFRIGERA- TION COMPARTMENT HYDRAULIC STATION 216 TO 336 MODIFIED BY 66J40297	RF		
- 1		• TUBE ASSY, SEE FIG. 2.8-15 INDEX 22	RF		
- 2	MS21924D4	• UNION	1	35	
	AN924-4D	• NUT	1	35	
	AN960D716	• WASHER	1	35	
- 3	8-80031-223	• TUBE ASSEMBLY	1	35	
- 4	MS21902D4	• UNION	2	35	
	64A34210-1	• TUBE ASSY, HYDRAULIC SYSTEM	1		
- 5	8-80031-385	• TUBE ASSEMBLY	1	35	
- 6	8-80031-389	• TUBE ASSEMBLY	1	35	
- 7	MS21902D4	• UNION	1	35	
- 8	8-80031-391	• TUBE ASSEMBLY	1	35	
- 9	MS21905D4	• TEE	1	35	
- 10	66A39620-1	• TUBE ASSY	1		
- 11	MS21905D4	• TEE	1		
- 12		• TUBE ASSY, SEE FIG. 2.9-28 INDEX 32	RF		
- 13	66A39617-1	• TUBE ASSY	1		
- 14	8-80031-197	• TUBE ASSEMBLY	1	35	
- 15		• TUBE ASSY, SEE FIG. 2.8-10 INDEX 34	RF		
- 16	8-80031-383	• TUBE ASSEMBLY	1	35	
- 17	MS21916D6-4	• REDUCER	2	35	
	AN6290-6	• GASKET	2	35	
- 18		• VALVE ASSY, HYDRAULIC SHUTOFF STA 308 SEE FIG. 2.11-8 INDEX 5	RF		
- 19		• TUBE ASSY, SEE FIG. 2.8-15 INDEX 18	RF		
- 20	MS21924D4	• UNION	1	35	
	AN924-4D	• NUT	1	35	
	AN960D716L	• WASHER	1	35	
- 21	8-80031-221	• TUBE ASSEMBLY	1	35	
- 22	MS21902D4	• UNION	1	35	
- 23	64A34209-1	• TUBE ASSY, HYDRAULIC SYSTEM	1		
- 24	MS21902D4	• UNION	1	35	
- 25	8-80031-395	• TUBE ASSEMBLY	1	35	
- 26	MS21916D6-4	• REDUCER	1	35	
- 27	8-80031-393	• TUBE ASSEMBLY	1	35	
- 28	MS21911D6	• TEE	1	35	
	AN924-6D	• NUT	1	35	
	AN960D916L	• WASHER	1	35	
	AN6290-6	• GASKET	1	35	
- 29	1112-558951	• VALVE ASSY, CHECK <92003> SPEC 8-08450-306 T.O.9H8-6-6-23	1	35	
- 30		• TUBE ASSY, SEE FIG. 2.8-17 INDEX 36	RF		
- 31	66A39619-1	• TUBE ASSY	1		
- 32	ER804D6-5-4	• TEE (92003)	1		
- 33	66A39618-1	• TUBE ASSY	1		
- 34		• TUBE ASSY, SEE FIG. 2.8-29 INDEX 2	RF		
- 35	MS21902D6	• UNION	1	35	
- 36		• TUBE ASSY, SEE FIG. 2.8-10 INDEX 3	RF		

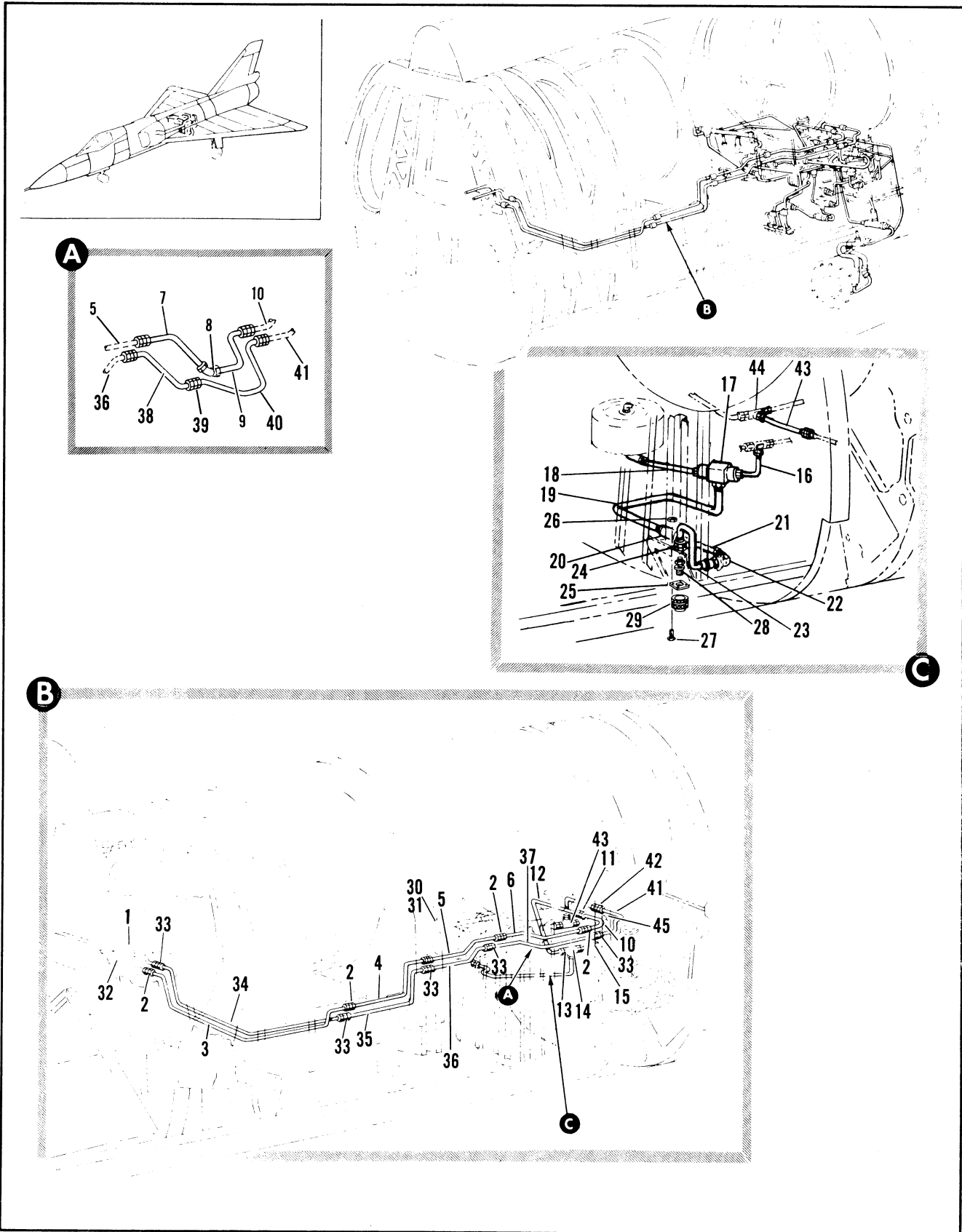


Figure 2.8-10. Power Source Hydraulic Tubing Installation Sta 316 to 472 (Sheet 1 of 8)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.8-10	8-80031-801	TUBING INSTALLATION, POWER SOURCE HYDRAULIC STA 316 TO 472 MODIFIED BY 8-80109	RF	35	49
	8-80031-803	TUBING INSTALLATION, POWER SOURCE HYDRAULIC STA 316 TO 472	RF	49	60
	8-80031-809	TUBING INSTALLATION, POWER SOURCE HYDRAULIC STA 316 TO 472	RF	61	
- 1		• TUBE ASSY, SEE FIG. 2.8-9 INDEX 30	RF		
- 2	MS2190206	• UNION	5	35	
- 3	8-80031-91	• TUBE ASSEMBLY	1	35	
- 4	8-80031-85	• TUBE ASSEMBLY	1	35	
- 5	8-80031-87	• TUBE ASSEMBLY	1	35	
- 6	8-80031-89	• TUBE ASSEMBLY	1	35	89
- 7	8-80031-553	• TUBE ASSEMBLY	1	90	
- 8	MS2190706	• ELBOW	1	90	
	AN924-6D	• NUT	1	90	
	AN9500916	• WASHER	1	90	
- 9	8-80031-555	• TUBE ASSEMBLY	1	90	
- 10	8-80031-41	• TUBE ASSEMBLY	1	35	
- 11	MS2190206	• UNION	1	35	
- 12	8-80031-39	• TUBE ASSEMBLY	1	35	
- 13	MS21916010-6	• REDUCER	1	35	
	AN6290-10	• GASKET	1	35	
- 14	MS21911010	• TEE	1	35	
	AN924-16D	• NUT	1	35	
	AN95001416	• WASHER	1	35	
- 15		• TUBE ASSY, SEE FIG. 2.8-11 INDEX 44	RF		
- 16	7144813-01	• TUBE ASSY	1		
- 17	ER8240101016	• TEE (92003)	1		
- 18	7144812-01	• TUBE ASSY	1		
- 19	7144814-01	• TUBE ASSY	1		
- 20	MS28892-16	• VALVE, CHECK	1		
- 21	7144815-01	• TUBE ASSY	1		
- 22	MS21908016	• ELBOW	1		
	AN924-16D	• NUT	1		
	NAS1252-2116H	• WASHER	2		
- 23	7144816-01	• TUBE ASSY	1		
- 24	AN924-16D	• NUT	1		
- 25	MS24335-16	• FLANGE	1		
		ATTACHING PARTS			
- 26	MS21042L3	• NUT	4		
- 27	AN502-10-6	• SCREW	4		
		-----X-----			
- 28	3302-16	• COUPLING, HALF (00624)	1		
- 29	3207-16	• CAP, DUST, PRESSURE (00624)	1		
- 30	MS21902010	• UNION	1	35	
- 31	AN6290-10	• GASKET	1	35	
		• RESERVOIR ASSY, SECONDARY HYDRAULIC SEE FIG. 2.8-3	RF		
- 32		• TUBE ASSY, SEE FIG. 2.8-9 INDEX 14	RF		
- 33	MS2190204	• UNION	5	35	
- 34	8-80031-93	• TUBE ASSEMBLY	1	35	
- 35	8-80031-95	• TUBE ASSEMBLY	1	35	
- 36	8-80031-97	• TUBE ASSEMBLY	1	35	
- 37	8-80031-99	• TUBE ASSEMBLY	1	35	89
- 38	8-80031-557	• TUBE ASSEMBLY	1	90	

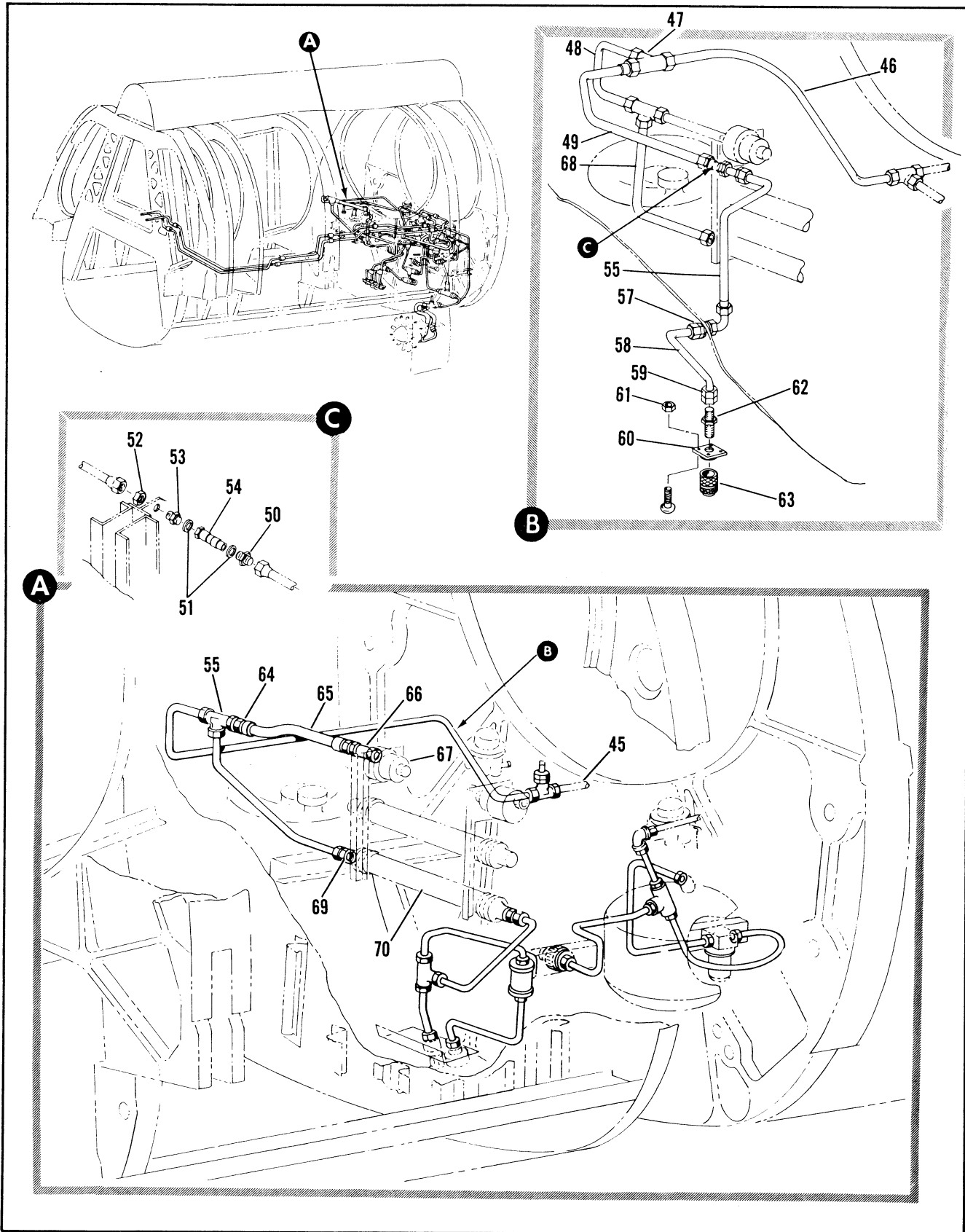


Figure 2.8-10. Power Source Hydraulic Tubing Installation Sta 316 to 472 (Sheet 2 of 8)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.8-10- 39	MS21903D4	• UNION	1	90	
	AN924-4D	• NUT	1	90	
	AN960D716	• WASHER	1	90	
- 40	8-80031-559	• TUBE ASSEMBLY	1	90	
- 41	8-80031-33	• TUBE ASSEMBLY	1	35	
- 42	MS21902D4	• UNION	1	35	
- 43	7144805-01	• TUBE ASSY	1		
- 44	ER834D121204	• TEE (92003)	1		
	AN924-12	• NUT	1		
	AN960D1716	• WASHER	1		
- 45		• TUBE ASSY, SEE FIG. 2.8-11	RF		
- 46	7144809-01	• TUBE ASSY	1		
- 47	ER824D121208	• TEE (92003)	1		
- 48	7144808-01	• TUBE ASSY	1		
- 49	7144810-01	• TUBE ASSY	1		
	7144627-10	• VALVE INSTL, HYDRAULIC, FLOW CONTROL	1		
- 50	MS21902D12	• UNION	1		
- 51	MS29778-12	• PACKING	2		
- 52	AN924D12	• NUT	1		
	NAS1252-1716H	• WASHER	1		
- 53	MS22924D12	• UNION	1		
- 54	48450	• VALVE, CONTROL, HYD FLOW (99643)	1		
- 55	7144811-01	• TUBE ASSY	1		
- 56	MS21911D8	• TEE	1		
	AN924-8D	• NUT	1		
	AN960D1216	• WASHER	1		
- 57	MS21908D12	• ELBOW	1		
	NAS1252-1716H	• WASHER	2		
	AN924-12D	• NUT	1		
- 58	7144817-01	• TUBE ASSY	1		
- 59	AN924-12D	• NUT	1		
- 60	MS24335-12	• FLANGE	1		
		ATTACHING PARTS			
- 61	MS21042L3	• NUT	4		
	AN502-10-6	• SCREW	4		
- 62	3302-12	• COUPLING, HALF (00624)	1		
- 63	3207-12	• CAP, DUST, PRESSURE (00624)	1		
- 64	MS21916D8-4	• REDUCER	1	35	
	AN6290-8	• GASKET	1	35	
- 65	R295800-4-0062	• HOSE ASSY, <50599> 94-80542-001	1	35	
	677032-4-0062	• HOSE ASSY, <50599> 94-80540-024 ALT INTCHG WITH R295800-4-0062	RF	35	
- 66	S7441	• SNUBBER ASSY, <91207> SPEC 8-00245	1	35	
	AN6290-4	• GASKET	1	35	
- 67		• TRANSMITTER AND SWITCH ASSY, SECONDARY HYDRAULIC PRESSURE SEE FIG. 2.8-2 INDEX 5	RF		
- 68	7144807-01	• TUBE ASSY	1		
- 69	MS21902D8	• UNION	1	35	
	AN6290-8	• GASKET	1	35	
- 70		• ACCUMULATOR ASSY, SECONDARY HYDRAULIC SEE FIG. 2.8-2 INDEX 11	RF		
		A AIRPLANES #35 THRU 286, 289, 290, 292 THRU 294, 298, 300, 301, 303 AND ON			
		B AIRPLANES #287, 288, 291, 295 THRU 297, 299, AND 302			

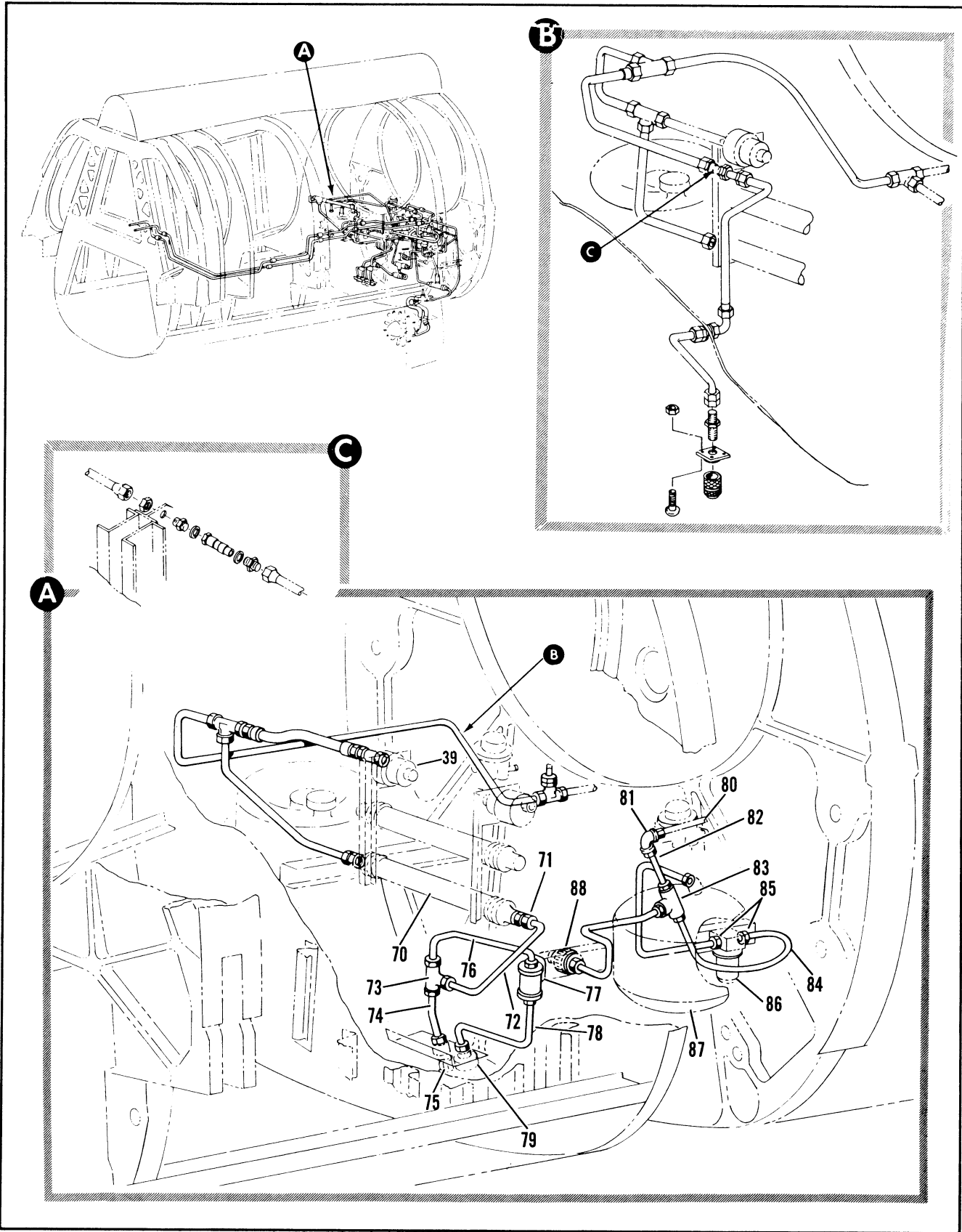


Figure 2.8-10. Power Source Hydraulic Tubing Installation Sta 316 to 472 (Sheet 3 of 8)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.8-10- 71	MS21916D5-4	• REDUCER	1	35	
- 72	AN6290-5	• GASKET	1	35	
- 73	8-80031-327	• TUBE ASSEMBLY	1	35	60
- 74	8-80031-577	• TUBE ASSEMBLY	1	61	
- 75	MS21905D4	• TEE	1	35	
- 76	8-80031-323	• TUBE ASSEMBLY	1	35	60
- 77	8-80031-573	• TUBE ASSEMBLY	1	61	
- 78	8-80031-349	• VALVE ASSY, HIGH PRESSURE CHARGING SEE FIG. 2.8-3 INDEX 20	RF		
- 79	8-80031-583	• TUBE ASSEMBLY	1	35	60
- 80	S1443	• TUBE ASSEMBLY	1	61	
- 81	8-80031-325	• DAMPENER, <91207> 92-91300-003	1	35	
- 82	8-80031-575	• TUBE ASSEMBLY	1	35	60
- 83	8-80031-575	• TUBE ASSEMBLY	1	61	
- 84	MS21907D6	• GAUGE, SECONDARY HYDRAULIC PRESSURE ACCUMULATOR SEE FIG. 2.8-3 INDEX 17	RF		
- 85	AN924-6D	• TUBE ASSY SEE FIG. 2.8-11 INDEX 74	RF		
- 86	AN960D916	• ELBOW	1	35	
- 87	8-80031-443	• NUT	1	35	
- 88	ER824D060604	• WASHER	1	35	
- 89	8-80031-447	• TUBE ASSEMBLY	1	35	
- 90	MS21916D5-4	• TEE, <92103> 98-90319-008	1	35	
- 91	AN6290-4	• TUBE ASSEMBLY	1	35	
- 92	AN6290-4	• REDUCER	2	35	
- 93	AN6290-4	• GASKET	2	35	
- 94	8-82403-121	• FILTER ASSY, SEE FIG. 2.8-4 INDEX 6	RF		
- 95	8-82403-121	• RESERVOIR ASSY, PRIMARY HYDRAULIC SEE FIG. 2.8-4 INDEX 1	RF		
- 96	8-82403-121	• TUBE ASSEMBLY	1	B	
- 97	8-82403-121	• COUPLING, PRIMARY QUICK DISCONNECT SEE FIG. 2.8-3 INDEX 15	RF		

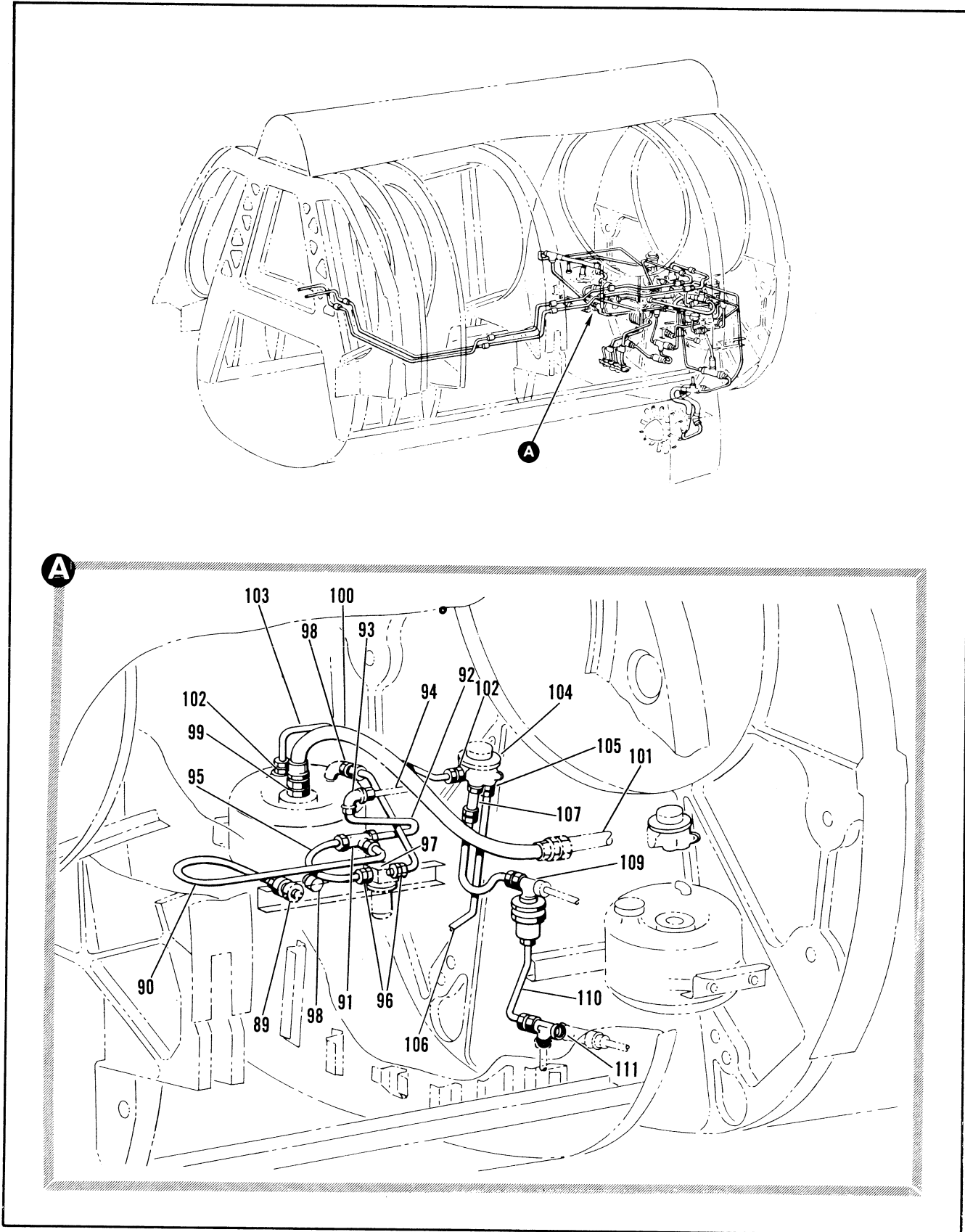


Figure 2.8-10. Power Source Hydraulic Tubing Installation Sta 316 to 472 (Sheet 4 of 8)



FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.8-10- 89		• COUPLING, SECONDARY QUICK DISCONNECT SEE FIG. 2.8-4 INDEX 15	RF		
- 90	8-80031-441	• TUBE ASSEMBLY	1	35	
- 91	ER824D06C004	• TEE, <92007> 98-90319-008	1	35	
- 92	8-80031-453	• TUBE ASSEMBLY	1	35	60
	8-80031-547	• TUBE ASSEMBLY	1	61	
- 93	MS21907D6	• ELBOW	1	35	
	AN924-6D	• NUT	1	35	
	AN960D916	• WASHER	1	35	
- 94		• TUBE ASSY, SEE FIG. 2.8-10 INDEX 90	RF		
- 95	8-80031-457	• TUBE ASSEMBLY	1	35	
- 96	MS21916D6-4	• REDUCER	2	35	
	AN6290-4	• GASKET	2	35	
- 97		• FILTER ASSY, SEE FIG. 2.8-4 INDEX 6	RF		
- 98	MS21913D6	• PLUG	1	35	
	AN6290-6	• GASKET	1	35	
- 99	MS21902D16	• UNION	1	35	
	AN6290-16	• GASKET	1	35	
-100	R20067-3	• HOSE ASSY, SECONDARY HYDRAULIC RESERVOIR SUCTION <00599> SPEC 8-00450-3	1	35	
-101		• TUBE ASSY, SEE FIG. 2.8-11 INDEX 90	RF		
-102	MS21902D8	• UNION	2	35	
	AN6290-8	• GASKET	2	35	
-103	8-80031-293	• TUBE ASSEMBLY	1	35	
-104		• REGULATOR ASSY, SECONDARY HYDRAULIC RESERVOIR AIR PRESSURE SEE FIG. 2.8-1 INDEX 4	RF		
-105	MS21916D10-8	• REDUCER	1	35	
	AN6290-8	• GASKET	1	35	
-106	8-80031-477	• TUBE ASSEMBLY	1	35	
-107	300030-1	• VALVE ASSY, PNEUMATIC CHECK <99224> SPEC 8-00430-1 T.O. 9PS-12-30-13	1	35	
	AN6290-4	• GASKET	1	35	
-108	8-80031-17	• TUBE ASSEMBLY	1	35	60
	8-80031-473	• TUBE ASSEMBLY	1	61	
-109	MS21910D4	• TEE	1	35	
	AN924-4D	• NUT	1	35	
	AN960D716	• WASHER	1	35	
-110	8-80031-13	• TUBE ASSEMBLY	1	35	60
-111	MS21911D4	• TEE	1	35	50
	MS21910D4	• TEE	1	61	
	AN960D716	• WASHER	2	35	
	AN6290-4	• GASKET	2	35	
		A AIRPLANES #35 THRU 286, 289, 290, 292 THRU 294, 298, 300, 301, 303 AND ON			
		C AIRPLANES #61 THRU 286, 289, 290, 292 THRU 294, 298, 300, 301, 303 AND ON			

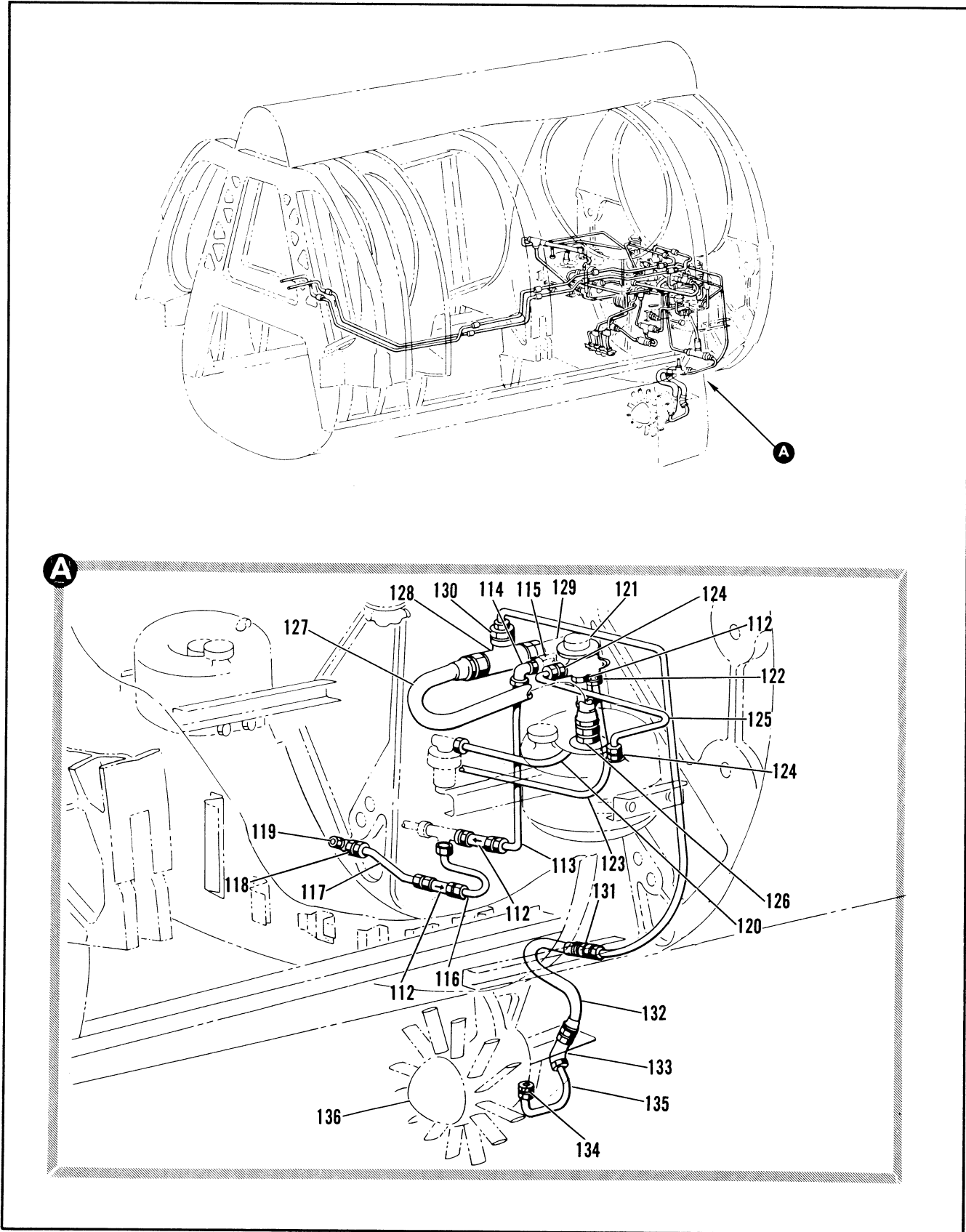


Figure 2.8-10. Power Source Hydraulic Tubing Installation Sta 316 to 472 (Sheet 5 of 8)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.8-10-112	300330-1	• VALVE ASSY, PNEUMATIC CHECK <99224> SPEC 8-00430-1 T.O. 9P5-12-30-13	3	35	
-113	8-80031-7	• TUBE ASSEMBLY	1	35	60
	8-80031-463	• TUBE ASSEMBLY	1	61	89
	8-80031-561	• TUBE ASSEMBLY	1	90	
-114	MS2190704	• ELBOW	1	35	
	AN924-40	• NUT	1	35	
	AN960D716	• WASHER	1	35	
-115		• TUBE ASSY, SEE FIG. 2.8-11 INDEX 69	RF		
-116	8-80031-465	• TUBE ASSEMBLY	1	61	
-117	8-80031-11	• TUBE ASSEMBLY	1	35	60
	8-80031-467	• TUBE ASSEMBLY	1	61	
-118	MS2190804	• ELBOW	1	35	
	AN924-40	• NUT	1	35	
	AN960D716	• WASHER	1	35	
-119	MS21914-4	• CAP	1	35	
-120	8-80031-373	• TUBE ASSEMBLY	1	35	60
	8-80031-471	• TUBE ASSEMBLY	1	61	
-121		• REGULATOR ASSY, PRIMARY HYDRAULIC RESERVOIR AIR PRESSURE SEE FIG. 2.8-1 INDEX 4	RF		
-122	MS21916D10-8	• REDUCER	1	35	
	AN6290-8	• GASKET	1	35	
-123	8-80031-475	• TUBE ASSEMBLY	1	35	
-124	MS2190208	• UNION	2	35	
	AN6290-8	• GASKET	2	35	
-125	8-80031-375	• TUBE ASSEMBLY	1	35	
-126	MS21902D16	• UNION	1	35	
	AN6290-16	• GASKET	1	35	
-127	R20547-4	• HOSE ASSY, PRIMARY HYDRAULIC RESERVOIR SUCTION <50559> SPEC 8-00453-4	1	35	
-128	MS21910D16	• TEE	1	35	
	AN924-160	• NUT	1	35	
	AN960D2116	• WASHER	1	35	
-129		• TUBE ASSY, SEE FIG. 2.8-11 INDEX 68	RF		
-130	MS21916D16-10	• REDUCER	1	35	
	AN6290-10	• GASKET	1	35	
-131	MS21903D10	• UNION	1	35	
	AN924-100	• NUT	1	35	
	AN960D1416	• WASHER	1	35	
-132	R9870-10-1154	• HOSE ASSY, <50599> 94-80529-029	1	35	
-133	MS21907D10	• ELBOW	1	35	
	AN924-100	• NUT	1	35	
	AN960D1416	• WASHER	1	35	
-134	MS21916D10-8	• REDUCER	1	35	
	AN6290-8	• GASKET	1	35	
-135	8-80031-59	• TUBE ASSEMBLY	1	35	
-136		• TURBINE ASSY, HYDRAULIC RAM AIR SEE FIG. 2.8-7 INDEX 20	RF		
		C AIRPLANES #61 THRU 286, 289, 290, 292 THRU 294, 298, 300, 301, 303 AND ON			

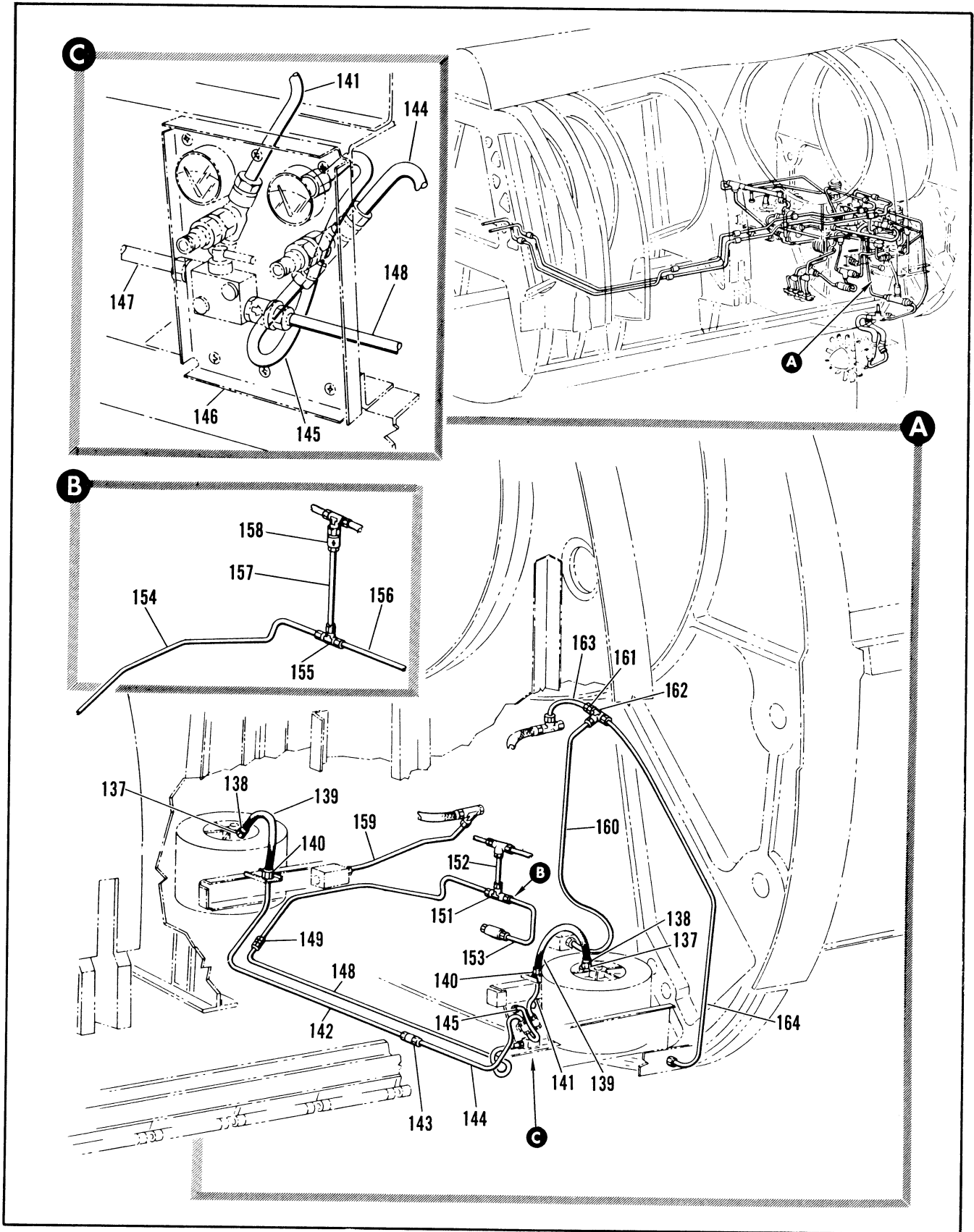


Figure 2.8-10. Power Source Hydraulic Tubing Installation Sta 316 to 472 (Sheet 6 of 8)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.8-10-137	AN815-3D	• UNION	2		B
-138	R-82404	• ADAPTER, HYDRAULIC RESERVOIR TUBE FITTING	2		B
	AN6290-4	• GASKET	2		B
-139	MS28741-3-0094	• HOSE ASSEMBLY, MANUFACTURE FROM #4 BULK HOSE AND #3 FITTINGS	2		B
-140	MS21923D3	• UNION	2		B
	AN924-3D	• NUT	2		B
	AN960D61b	• WASHER	2		B
-141	8-82403-135	• TUBE ASSEMBLY	1		B
-142	8-82403-127	• TUBE ASSEMBLY	1		B
-143	MS21902D3	• UNION	1		B
-144	8-82403-125	• TUBE ASSEMBLY	1		B
-145	R-82403-131	• TUBE ASSEMBLY	1		B
-146		• PANEL ASSY, HYDRAULIC RESERVOIR PRESSURE SEE FIG. 2.8-6 INDEX 19	PF		
-147	8-82403-123	• TUBE ASSY, HYDRAULIC BOOST SEE FIG. 2.9-32 INDEX 27	PF		
-148	8-82403-129	• TUBE ASSEMBLY	1		B
-149	MS21916D4-3	• REDUCER	1		B
-150	8-82403-97	• TUBE ASSEMBLY	1		
-151	MS21905D4	• TEE	1		
-152	8-82403-98	• TUBE ASSEMBLY	1		
-153	8-82403-99	• TUBE ASSY	1		
-154	8-82403-115	• TUBE ASSEMBLY	1		B
-155	MS21905D4	• TEE	1		B
-156	8-82403-111	• TUBE ASSEMBLY	1		B
-157	8-82403-113	• TUBE ASSEMBLY	1		B
-158	58567-1	• FILTER ASSY, AIR <#1321> SPEC 8-58679-1 (ASSEMBLE FROM )	1		B
	58567	• • FILTER	1		
	7500000	• • ELEMENT	1		
	AN6290-12	• • GASKET	1		
	MS28775-316	• • PACKING	1		
-159	8-82403-107	• TUBE ASSEMBLY	1		B
-160	8-82403-105	• TUBE ASSEMBLY	1		B
-161	MS21916D10-6	• REDUCER	1		B
	AN6290-10	• GASKET	1		B
-162	MS21910D10	• TEE	1		B
-163	8-82403-103	• TUBE ASSEMBLY	1		B
-164	8-82403-101	• TUBE ASSEMBLY	1		B
		B AIRPLANES #287, 288, 291, 295 THRU 297 299, AND 302			

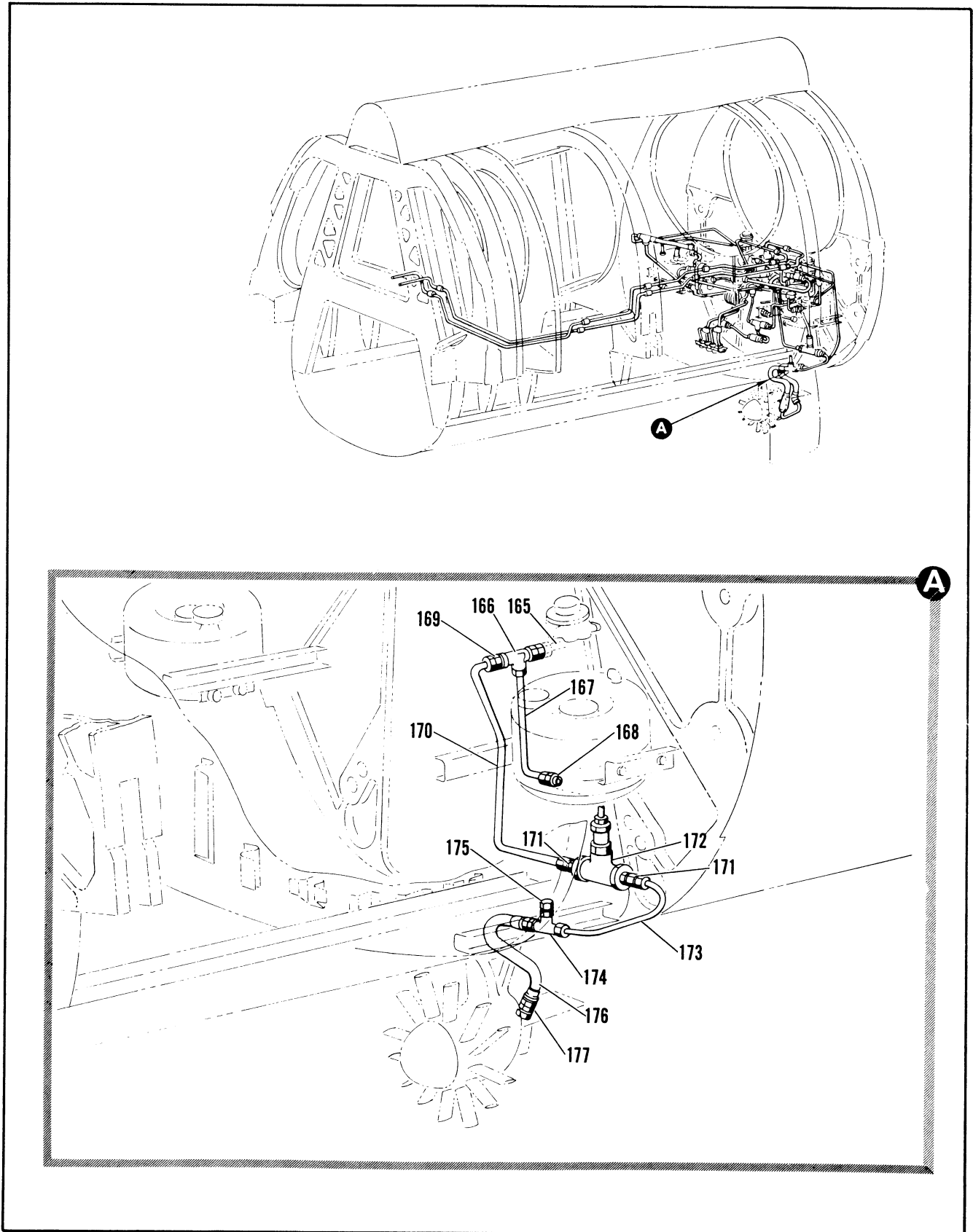


Figure 2.8-10. Power Source Hydraulic Tubing Installation Sta 316 to 472 (Sheet 7 of 8)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.8-10-165		• TUBE ASSY, SEE FIG. 2.8-11 INDEX 75	RF		
-166	MS21911D10	• TEE	1	35	
	AN924-100	• NUT	1	35	
	AN960D1416	• WASHER	1	35	
-167	8-80031-303	• TUBE ASSEMBLY	1	35	
-168	MS21902D10	• UNION	1	35	
	AN6290-10	• GASKET	1	35	
-169	MS21916D10-6	• REDUCER	1	35	
	AN6290-10	• GASKET	1	35	
-170	8-80031-49	• TUBE ASSEMBLY	1	35	60
	8-80031-485	• TUBE ASSEMBLY	1	61	
-171	MS21903D6	• UNION	2	35	
	AN924-60	• NUT	2	35	
	AN960D916	• WASHER	2	35	
	AN6290-6	• GASKET	2	35	
-172	12400-1	• REGULATOR ASSY, HYD SENSITIVE PRESSURE <79294> SPEC 8-8846B-1 T.O.9H8-16-25-13	1	35	
-173	8-80031-55	• TUBE ASSEMBLY	1	35	60
	8-80031-489	• TUBE ASSEMBLY	1	61	
-174	MS21912D6	• TEE	1	35	
	AN924-60	• NUT	1	35	
	AN960D916	• WASHER	1	35	
-175	MS21914-6	• CAP	1	35	
-176	R295800-6-0160	• HOSE ASSY, <50599> 94-80542-012 REPLACES INTCHG WITH YR5800-6-0160	1	35	
	677032-6-0160	• HOSE ASSY, <00624> 94-80554-081 ALT INTCHG WITH R295800-6-0160	RF	35	
	MS21903D6	• UNION	1	35	
-177	MS21903D6	• UNION	1	35	
	AN924-60	• NUT	1	35	
	AN6290-6	• GASKET	1	35	

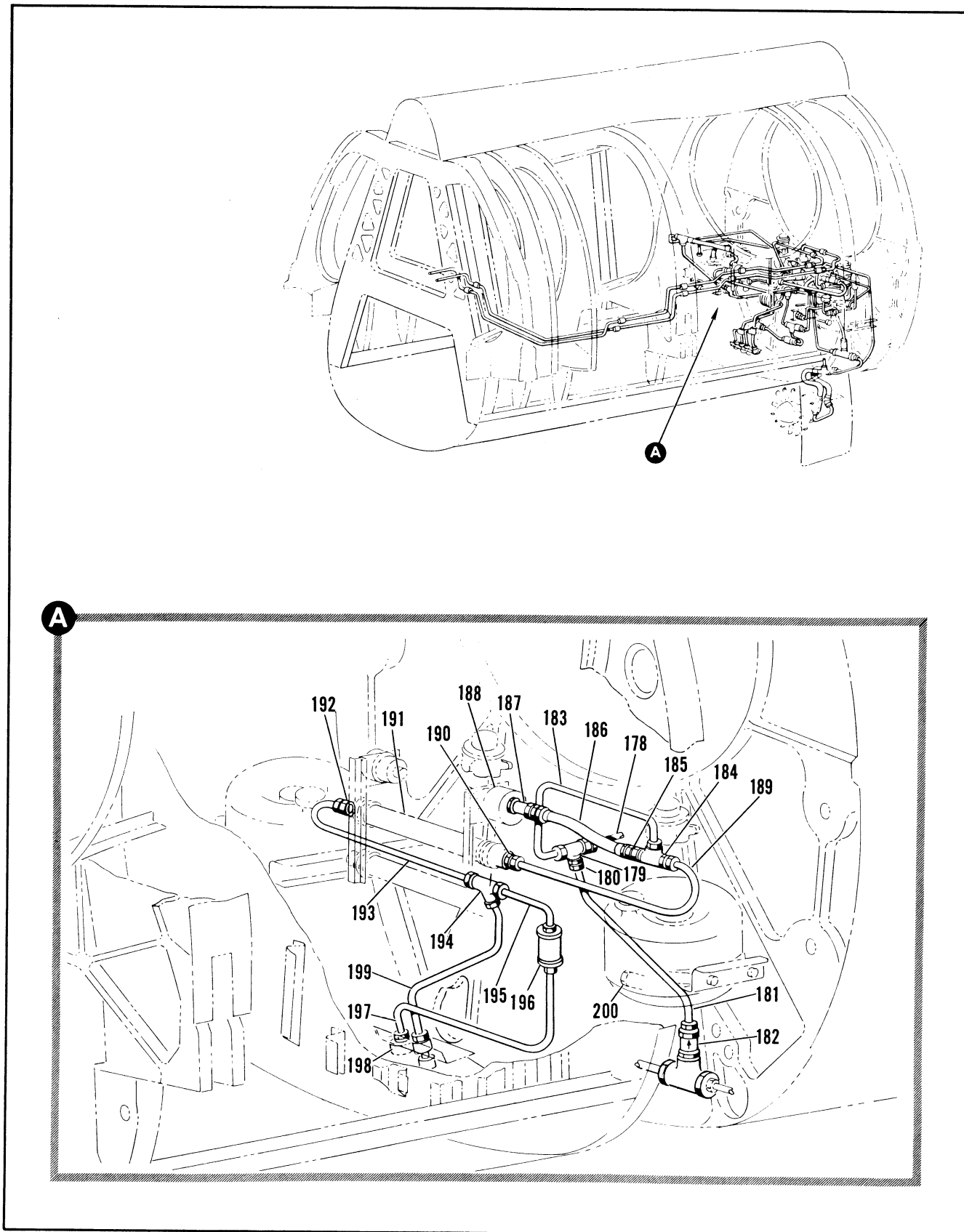


Figure 2.8-10. Power Source Hydraulic Tubing Installation Sta 316 to 472 (Sheet 8 of 8)



FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.8-10-178					
-179	MS21910D8	• TUBE ASSY, SEE FIG. 2.8-11 INDEX 65	RF		
	AN924-8D	• TEE	1	35	
	AN960D1216	• NUT	1	35	
-180	MS21916D8-6	• WASHER	1	35	
	AN6290-8	• REDUCER	1	35	
-181	8-80031-53	• GASKET	1	35	
	8-80031-487	• TUBE ASSEMBLY	1	35	63
-182	4CV464	• TUBE ASSEMBLY	1	61	
		• VALVE ASSY, CHECK <91207> SPEC 8-08450-606	1	35	
		T.O. 9HB-6-50-3			
	AN6290-6	• GASKET	1	35	
-183	8-80031-43	• TUBE ASSEMBLY	1	35	60
	8-80031-483	• TUBE ASSEMBLY	1	61	
-184	MS21911D8	• TEE	1	35	
	AN924-8D	• NUT	1	35	
	AN960D1216	• WASHER	1	35	
-185	MS21916D8-4	• REDUCER	1	35	
	AN6290-8	• GASKET	1	35	
-186	R295800-4-0062	• HOSE ASSY, <50599> 94-80542-001	1	35	
		REPLACES INTCHG WITH 677032-4-0062			
	677032-4-0062	• HOSE ASSY, <00624> 94-80540-024 ALT INTCHG	RF	35	
		WITH R295800-4-0062			
-187	S7441	• SNUBBER ASSY, <91207> SPEC 8-00245	1	35	
-188		• TRANSMITTER AND SWITCH ASSY, PRIMARY HYDRAULIC PRESSURE	RF		
		SEE FIG. 2.8-3 INDEX 4			
-189	8-80031-45	• TUBE ASSEMBLY	1	35	60
	8-80031-551	• TUBE ASSEMBLY	1	61	
-190	MS21902D6	• UNION	1	35	
	AN6290-9	• GASKET	1	35	
-191		• ACCUMULATOR ASSY, PRIMARY HYDRAULIC	RF		
		SEE FIG. 2.8-3 INDEX 10			
-192	MS21916D8-4	• REDUCER	1	35	
	AN6290-5	• GASKET	1	35	
-193	7144806-01	• TUBE ASSY	1		
-194	MS21905D4	• TEE	1	35	
-195	8-80031-347	• TUBE ASSEMBLY	1	35	
-196	S1443	• DAMPENER, <91207> 92-97300-003	1	35	
-197	8-80031-341	• TUBE ASSEMBLY	1	35	60
	8-80031-579	• TUBE ASSEMBLY	1	61	
-198		• GAUGE, HYDRAULIC PRIMARY PRESSURE	RF		
		ACCUMULATOR SEE FIG. 2.8-3 INDEX 16			
-199	8-80031-343	• TUBE ASSEMBLY	1	35	60
	8-80031-581	• TUBE ASSEMBLY	1	61	
-200	MS21913D6	• PLUG	1	35	
	AN6290-6	• GASKET	1	35	

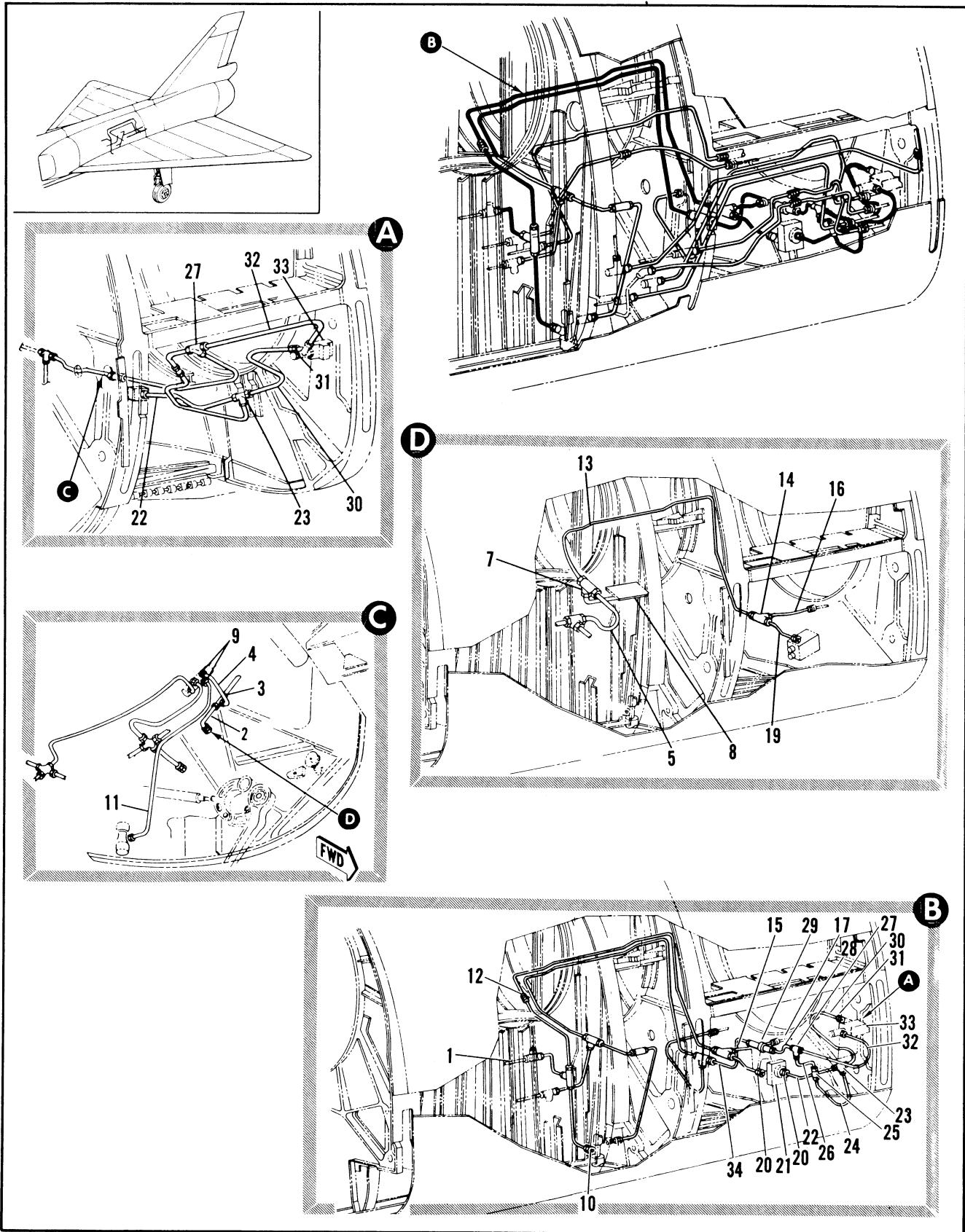


Figure 2.8-11. Power Source Hydraulic Tubing Installation Sta 431 to 472 (Sheet 1 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.8-11	8-80031-801	TUBING INSTALLATION, POWER SOURCE HYDRAULIC STATION 431 TO 472 MODIFIED BY 8-80109	RF	35	48
	8-80031-803	TUBING INSTALLATION, POWER SOURCE HYDRAULIC STATION 431 TO 472	RF	49	50
	8-80031-809	TUBING INSTALLATION, POWER SOURCE HYDRAULIC STATION 431 TO 472	RF	61	
- 1		. TUBE ASSY, SEE FIG. 2.9-10 INDEX 33	RF		
- 2	65A33291-1	. TUBE ASSY, HYDRAULIC BYPASS VALVE	1		
	64A34514-1	. TUBE ASSY, HYDRAULIC BYPASS VALVE	1		
- 3	MS21905D8	. TEE	1		
- 4	64A34516-1	. TUBE ASSY, HYDRAULIC BYPASS VALVE	1		
- 5	MS21916D8-6	. REDUCER	2		
	MS28778-6	. PACKING	2		
- 6	7144803-01	. TUBE ASSY, HYDRAULIC BYPASS VALVE	1		
- 7	ER824D121208	. TEE (00524)	1		
- 8	7144802-01	. TUBE ASSY, HYDRAULIC	1		
- 9	MS21916D8-6	. REDUCER	2		
	MS28778-6	. PACKING	2		
- 10	MS21916D8-6	. REDUCER	1	35	
	AN6290-6	. GASKET	1	35	
- 11	64A34518-1	. TUBE ASSY, HYDRAULIC BYPASS VALVE	1		
- 12	MS21902D8	. UNION	1	35	
- 13	7144801-01	. TUBE ASSY	1		
	AN6290-8	. GASKET	1	35	
- 14	ER824D120612	. TEE (92103)	1		
- 15	8-80031-329	. TUBE ASSEMBLY	1	35	50
	8-80031-509	. TUBE ASSEMBLY	1	61	
- 16	7144800-01	. TUBE ASSY	1		
- 17		. TUBE ASSY, SEE FIG. 2.8-12	RF		
- 18		. TUBE ASSY, SEE FIG. 2.8-12 INDEX 143	RF		
- 19	7144799-01	. TUBE ASSY	1		
- 20	MS21902D8	. UNION	2	35	
	AN6290-6	. GASKET	3	35	
- 21		. VALVE ASSY, HYDRAULIC SHUTOFF SEE FIG. 2.8-1 INDEX 30	RF		
- 22	8-80031-369	. TUBE ASSEMBLY	1	35	
- 23	MS21905D6	. TEE	1	35	
- 24	8-80031-367	. TUBE ASSEMBLY	1	35	48
- 25	4CV464	. VALVE ASSY, CHECK <91207> SPEC 8-08450-606 T.O.9H8-6-50-3	1	35	48
- 26	8-80031-363	. TUBE ASSEMBLY	1	35	48
- 27	MS21905D6	. TEE	1	35	
- 28	8-80031-361	. TUBE ASSEMBLY	1	35	48
- 29	1112-558951	. VALVE ASSY, CHECK <92003> SPEC 8-08450-306 T.O.9H8-6-6-23	1	35	48
- 30	8-80031-365	. TUBE ASSEMBLY	1	35	
- 31	MS21902D6	. UNION	1	35	
	AN6290-6	. GASKET	1	35	
- 32	8-80031-359	. TUBE ASSEMBLY	1	35	
- 33		SEE FIG. 2.17-8 INDEX 33	RF		
		SEE FIG. 2.17-5 INDEX 28			
- 34	8-80031-151	. TUBE ASSEMBLY	1	35	48

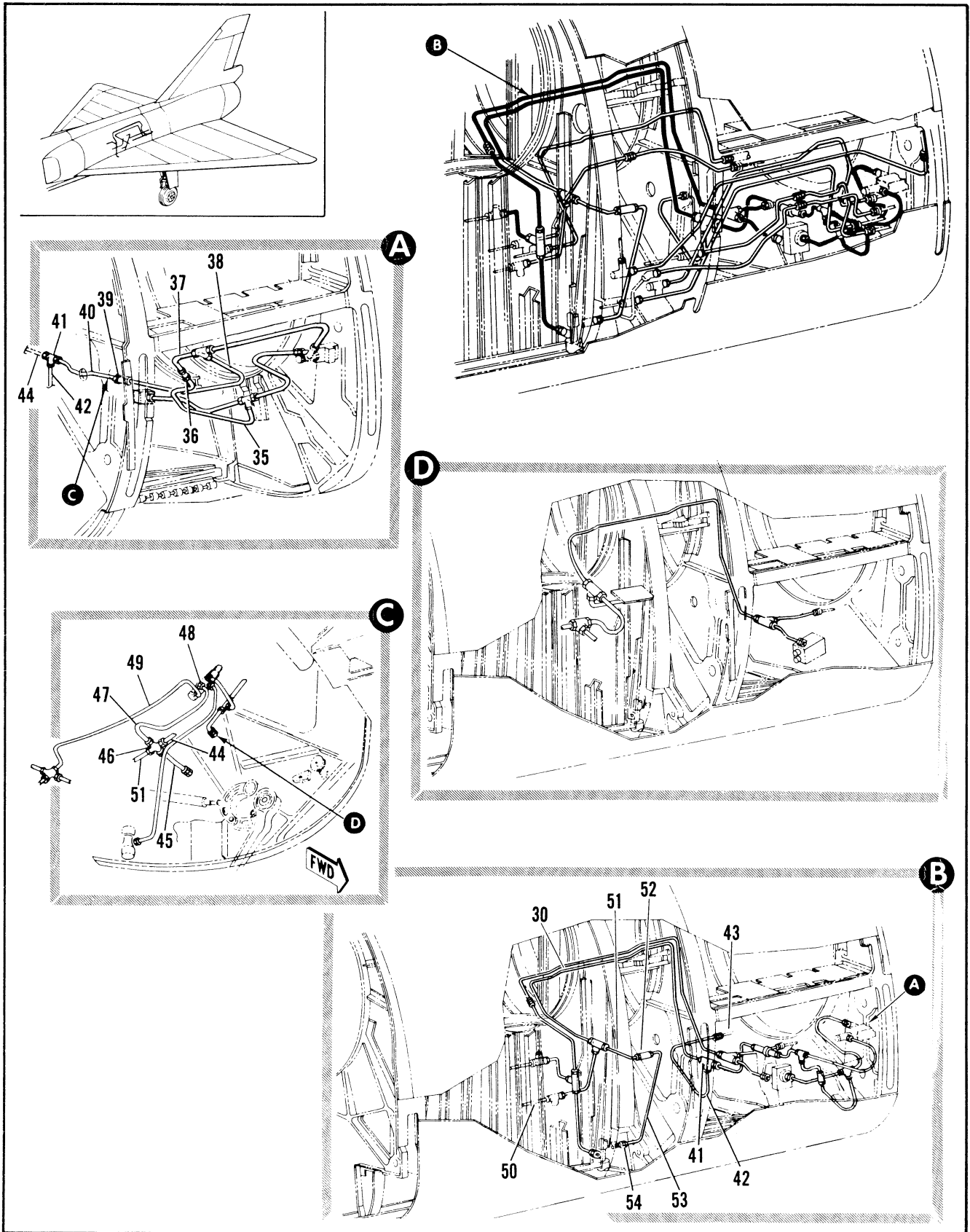


Figure 2.8-11. Power Source Hydraulic Tubing Installation Sta 431 to 472 (Sheet 2 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.8-11- 35	8-80031-437	• TUBE ASSEMBLY	1	49	
- 36	4CV464	• VALVE ASSY, CHECK <91207> SPEC 8-08450-606 T.O.9H8-6-50-3	1	49	
- 37	8-80031-435	• TUBE ASSEMBLY	1	49	
- 38	8-80031-433	• TUBE ASSEMBLY	1	49	
- 39	1112-558951	• VALVE ASSY, CHECK <92003> SPEC 8-08450-306 T.O.9H8-6-6-23	1	49	
- 40	8-80031-431	• TUBE ASSEMBLY	1	49	
- 41	MS21911D10	• TEE	1	35	
	MS21916D10	• REDUCER	1	35	
	AN6290-10	• GASKET	1	35	
- 42	8-80031-331	• TUBE ASSEMBLY	1	35	
- 43		• TUBE ASSY, SEE FIG. 2.8-12 INDEX 103	PF		
- 44	8-80031-111	• TUBE ASSEMBLY	1	35	
- 45	64A34515-1	• TUBE ASSY, HYDRAULIC BYPASS VALVE	1		
- 46	MS21906D10	• CROSS	1		
- 47	64A34517-1	• TUBE ASSY, HYDRAULIC BYPASS VALVE	1		
- 48	MS21916D10-6	• REDUCER	1		
	MS28778-6	• PACKING	1		
	MS28778-4	• PACKING	1		
- 49		• TUBE ASSY, PNEUMATIC BYPASS VALVE SEE FIG. 2.8-17 INDEX 34	PF		
- 50		• TUBE ASSY, SEE FIG. 2.8-9 INDEX 12	PF		
- 51	8-80031-115	• TUBE ASSEMBLY	1	35	
- 52	1112-565171	• VALVE ASSY, CHECK <92003> SPEC 8-08450-310	1	35	
- 53	8-80031-155	• TUBE ASSEMBLY	1	35	59
	8-80031-517	• TUBE ASSEMBLY	1	61	
- 54	MS21916D10-6	• REDUCER	1	35	
	AN6290-6	• GASKET	1	35	

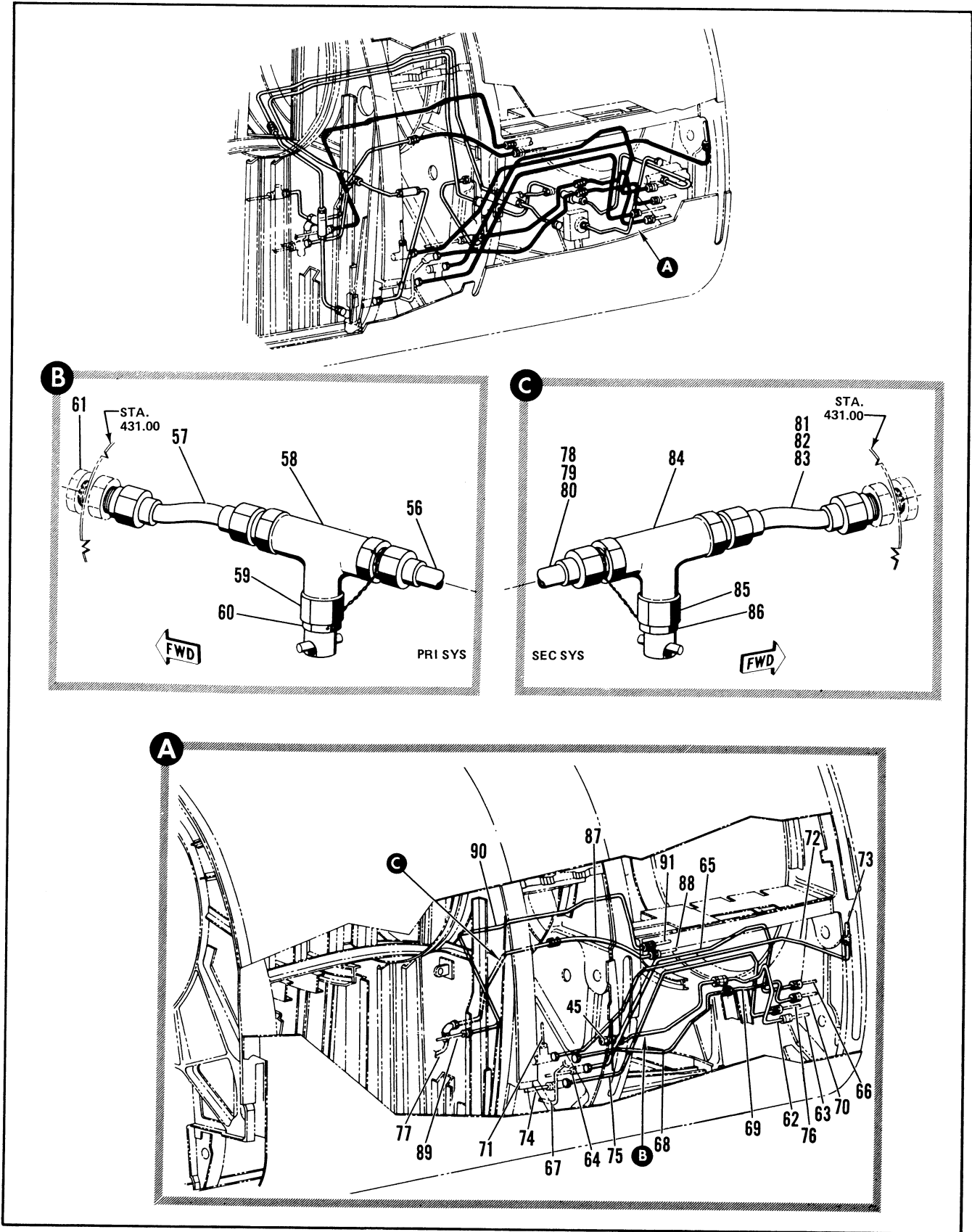


Figure 2.8-11. Power Source Hydraulic Tubing Installation Sta 431 to 472 (Sheet 3 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.8-11- 55		• TUBE ASSY, SEE FIG. 2.8-10 INDEX 82	RF		N
- 56	66D38121-11	• TUBE ASSY, PRIMARY PUMP CASE DRAIN	1	35	39
	MS28778-6	• PACKING	2	35	ON
- 57	66A38120	• TUBE ASSY, PRIMARY PUMP CASE DRAIN	1	35	ON
- 58	AN938-6	• TEE	1	35	ON
- 59	AN893-2D	• BUSHING	1	35	ON
	MS28778-6	• PACKING	1	35	ON
- 60	MS29528-4	• VALVE	1	35	ON
	MS28778-4	• PACKING	1	35	ON
- 61	8-80031-443	• TUBE ASSY, SEE FIGURE 2.8-10 REF INDEX 82	1	35	
- 62	8-80031-451	• TUBE ASSEMBLY			
- 63		• TUBE ASSY, SEE FIG. 2.8-12 INDEX 75	RF		
- 64		• TUBE ASSY, SEE FIG. 2.8-10 INDEX 155	RF		
- 65	8-80031-153	• TUBE ASSEMBLY	1	35	60
	8-80031-515	• TUBE ASSEMBLY	1	61	
- 66		• TUBE ASSY, SEE FIG. 2.8-12 INDEX 23	RF		
- 67		• TUBE ASSY, SEE FIG. 2.8-10 INDEX 114	RF		
- 68	8-80031-177	• TUBE ASSEMBLY	1	35	60
	8-80031-523	• TUBE ASSEMBLY	1	61	89
	8-80031-557	• TUBE ASSEMBLY	1	90	
- 69	8-80031-179	• TUBE ASSEMBLY	1	35	60
	8-80031-525	• TUBE ASSEMBLY	1	61	
- 70		• TUBE ASSY, SEE FIG. 2.8-12 INDEX 83	RF		
- 71		• TUBE ASSY, SEE FIG. 2.8-10	RF		
- 72	8-80031-171	• TUBE ASSEMBLY	1	35	
- 73		• TUBE ASSY, SEE FIG. 2.8-12 INDEX 93	RF		
- 74		• TUBE ASSY, SEE FIG. 2.8-10 INDEX 142	RF		
- 75	8-80031-169	• TUBE ASSEMBLY	1	35	60
	8-80031-521	• TUBE ASSEMBLY	1	61	
- 76		• TUBE ASSY, SEE FIG. 2.8-12 INDEX 3	RF		
- 77		• TUBE ASSY, SEE FIG. 2.8-10 INDEX 92	RF		
- 78	66D38121-15	• TUBE ASSY, SECONDARY PUMP CASE DRAIN	1	C	
- 79	66D38121-17	• TUBE ASSY, SECONDARY PUMP CASE DRAIN	1	D	
- 80	66D38121-13	• TUBE ASSY, SECONDARY PUMP CASE DRAIN	1	E	
- 81	66A38282	• TUBE ASSY, SECONDARY PUMP CASE DRAIN	1	C	
- 82	66A38347	• TUBE ASSY, SECONDARY PUMP CASE DRAIN	1	D	
- 83	66A38039	• TUBE ASSY, SECONDARY PUMP CASE DRAIN	1	E	
	MS28778-6	• PACKING	2	CDE	
- 84	AN938-6	• TEE	1	CDE	
- 85	AN893-2D	• BUSHING	1	CDE	
	MS28778-6	• PACKING	1	CDE	
		A AIRPLANES #35 THRU 286, 289, 290, 292 THRU 294, 298, 300, 301, 303 AND ON			
		B AIRPLANES #287, 288, 291, 295 THRU 297, 299, AND 302			
		C AIRPLANES 35, 36, 38, 41, 43, 44, 46, THRU 50, 52, 53, 55, 56, 58 THRU 60.			
		D AIRPLANES 39, 40, 42.			
		E AIRPLANES 61, 63, 64 THRU 66, 68 THRU 70, 73 THRU 80, 82 THRU 91, 95 THRU 99, 103 THRU 119, 121 THRU 124, 126, 128, 130 THRU 141, 143 THRU 145, 147 THRU 157, 159 THRU 167, 169 THRU 173, 175 THRU 178, 180 THRU 183, 185, THRU 198, 200, 201, 203 THRU 215, 217 THRU 226, 228, THRU 235, 237 239, 241, 244, 245, 247, 248, 250 THRU 252, 254 THRU 267, 269, 270, 272 THRU 279, 281 THRU 286, 288 THRU 293, 295 THRU 299, 301 THRU 305, AND AIRPLANE 56-455.			





FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.8-1- 86	MS29528-4	• VALVE	1	CDE	
	MS28778-4	• PACKING	1	CDE	
- 87	8-80031-461	• TUBE ASSEMBLY	1	35	
- 88		• TUBE ASSY, SEE FIG. 2.8-11 INDEX 127	RF		
- 89		• HOSE ASSY, HYDRAULIC RESERVOIR SEE FIG. 2.8-10 INDEX 100	RF		
	AN924-16D	• NUT	1	35	
	AN960D2116	• WASHER	1	35	
	98-90319-037	• TEE	1	B	
- 90	8-80031-117	• TUBE ASSEMBLY	1	35	
- 91		• TUBE ASSY, SEE FIG. 2.8-12 INDEX 137	RF		

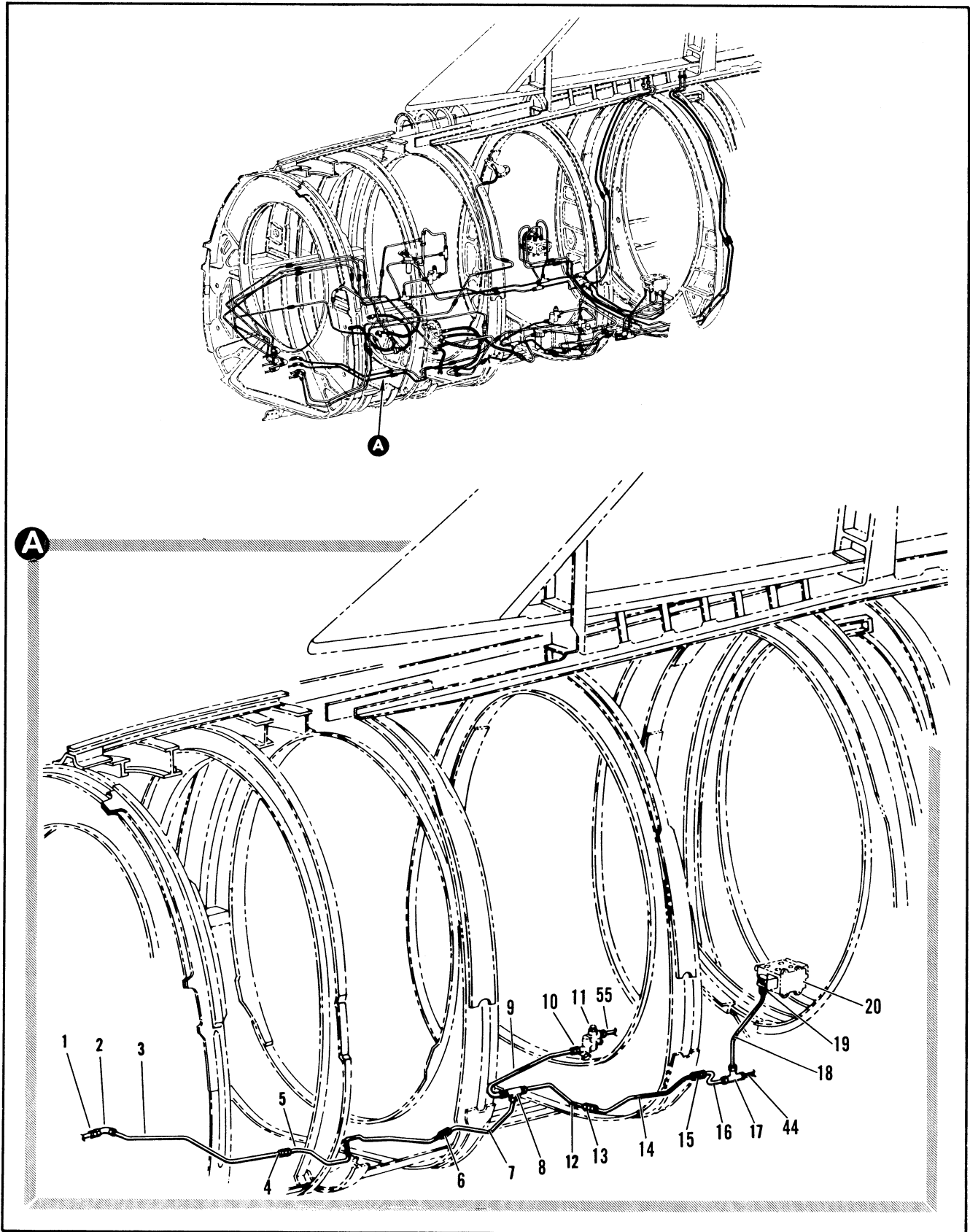


Figure 2.8-12. Power Source Hydraulic Tubing Installation Sta 472 to 605 (Sheet 1 of 7)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.8-12	8-80030-5	TUBING INSTALLATION, POWER SOURCE HYDRAULIC STA 472 TO 635 MODIFIED BY 8-80109 AND 8-80134	RF	A	
	8-80030	TUBING INSTALLATION, POWER SOURCE HYDRAULIC STA 472 TO 635 MODIFIED BY 8-80134	RF	278	287
	8-80030-1	TUBING INSTALLATION, POWER SOURCE HYDRAULIC STA 472 TO 635 MODIFIED BY 8-80134	RF	288	293
	8-80030-3	TUBING INSTALLATION, POWER SOURCE HYDRAULIC STA 472 TO 635 MODIFIED BY 8-80134	RF	294	303
- 1		• TUBE ASSY, SEE FIG. 2.8-11 INDEX 75	RF		
- 2	MS21907D10	• ELBOW	1	35	
	AN924-10D	• NUT	1	35	
	AN960D1416	• WASHER	1	35	
- 3	8-80030-291	• TUBE ASSEMBLY	1	35	
- 4	MS21902D10	• UNION	1	35	
- 5	8-80030-297	• TUBE ASSEMBLY	1	35	
- 6	MS21903D10	• UNION	1	35	
	AN924-10D	• NUT	1	35	
	AN960D1416	• WASHER	1	35	
- 7	8-80030-29	• TUBE ASSY	1		
- 8	MS21905D10	• TEE	1	35	
- 9	8-80030-31	• TUBE ASSY	1		
- 10	MS21916D10-8	• REDUCER	1	35	
	AN6290-8	• GASKET	1	35	
- 11		• VALVE ASSY, HYDRAULIC RELIEF SEE FIG. 2.8-1 INDEX 41	RF		
- 12	8-80030-33	• TUBE ASSY	1		
- 13	MS21902D10	• UNION	1	35	
- 14	8-80030-257	• TUBE ASSEMBLY	1	35	
- 15	MS21924D10	• UNION	1	35	
	AN924-10D	• NUT	1	35	
	AN960D1416	• WASHER	1	35	
- 16	8-80030-21	• TUBE ASSEMBLY	1	35	
- 17	ER324D100606	• TEE, REDUCING <92003> 98-90319-002	1	35	
- 18	8-80030-123	• TUBE ASSY	1	35	
- 19	MS21903D6	• UNION	1	35	
	AN924-6D	• NUT	1	35	
	AN960D916L	• WASHER	1	35	
	AN6290-6	• GASKET	1	35	
- 20		• VALVE ASSY, ELEVON CONTROL SEE FIG. 2.14-11 INDEX 32	RF		

A AIRPLANES #35 THRU 277, 374 AND ON

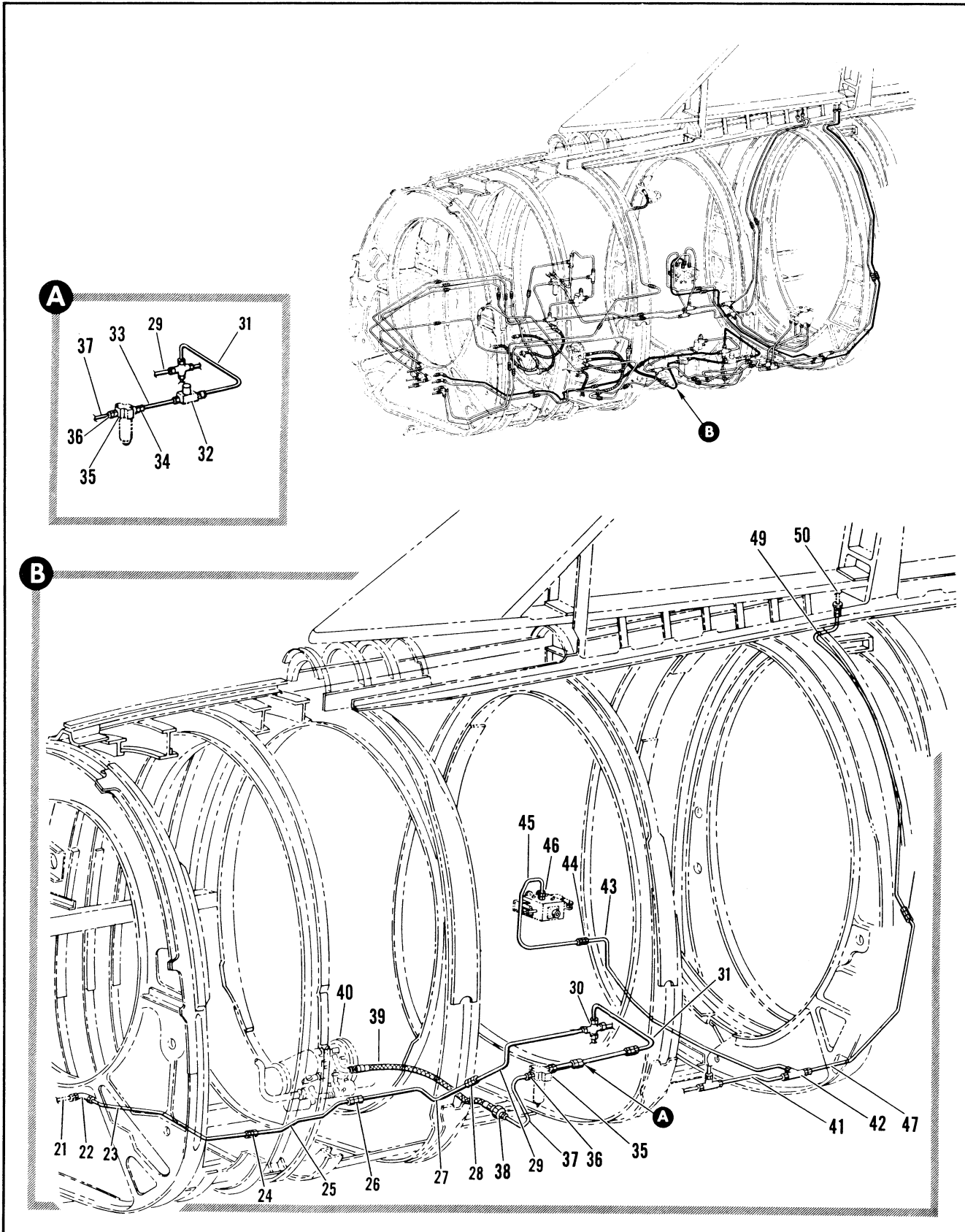


Figure 2.8-12. Power Source Hydraulic Tubing Installation Sta 472 to 605 (Sheet 2 of 7)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.8-12- 21		• TUBE ASSY, SEE FIG. 2.8-11 INDEX 67	RF	35	
- 22	MS21907D8	• ELBOW	1	35	
	AN924-80	• NUT	1	35	
	AN967D1216	• WASHER	1	35	
- 23	8-80030-923	• TUBE ASSEMBLY	1	35	
- 24	MS21902D8	• UNION	1	35	
- 25	8-80030-295	• TUBE ASSEMBLY	1	35	
- 26	MS21903D8	• UNION	1	35	
	AN924-80	• NUT	1	35	
	AN967D1216	• WASHER	1	35	
- 27	8-80030-301	• TUBE ASSEMBLY	1	35	
- 28	MS21902D8	• UNION	1	35	
- 29	8-80030-363	• TUBE ASSY	1		
	8-80034-39	• TUBE ASSY	1		
- 30	MS21906D8	• CROSS	1	35	
- 31	8-80030-319	• TUBE ASSY	1	35	
- 32		• SWITCH, THERMOSTATIC SEE FIG. 2.8-1 INDEX 34	RF	35	
- 33	8-80030-341	• TUBE ASSEMBLY	1	35	
- 34	MS21902D8	• UNION	1	35	
	AN6290-8	• GASKET	1	35	
- 35		• FILTER ASSY, SEE FIG. 2.8-1 INDEX 45	RF		
- 36	MS21902D8	• UNION	1	35	
	AN6290-8	• GASKET	1	35	
- 37	8-80034-37	• TUBE ASSY	1		
- 38		• COUPLING, SEE FIG. 2.3-4 INDEX 92	RF		
- 39	677032-8-0184	• HOSE ASSY, PRIMARY PUMP PRESSURE, SEE FIG. 2.10-7 INDEX 122	1	35	
- 40		• PUMP ASSY, PRIMARY LH SEE FIG. 2.10-7 INDEX 91	RF		
- 41	8-80030-115	• TUBE ASSEMBLY	1	35	
- 42	MS21912D6	• TEE	1	35	
	AN924-60	• NUT	1	35	
	AN967D9161	• WASHER	1	35	
- 43	8-80030-121	• TUBE ASSEMBLY	1	35	
- 44	MS21902D6	• UNION	1	35	
- 45	8-80030-153	• TUBE ASSEMBLY	1	35	
- 46	MS21902D6	• UNION	1	35	
	TA06LS49	• BLOCK CLAMP	1	35	
	AN6290-6	• GASKET	1	35	
- 47	8-80030-113	• TUBE ASSEMBLY	1	35	
- 48	MS21916D6-4	• REDUCER	1	35	
- 49	8-80030-111	• TUBE ASSEMBLY	1	35	
- 50		• TUBE ASSY, SEE FIG. 2.8-13 INDEX 3	RF		

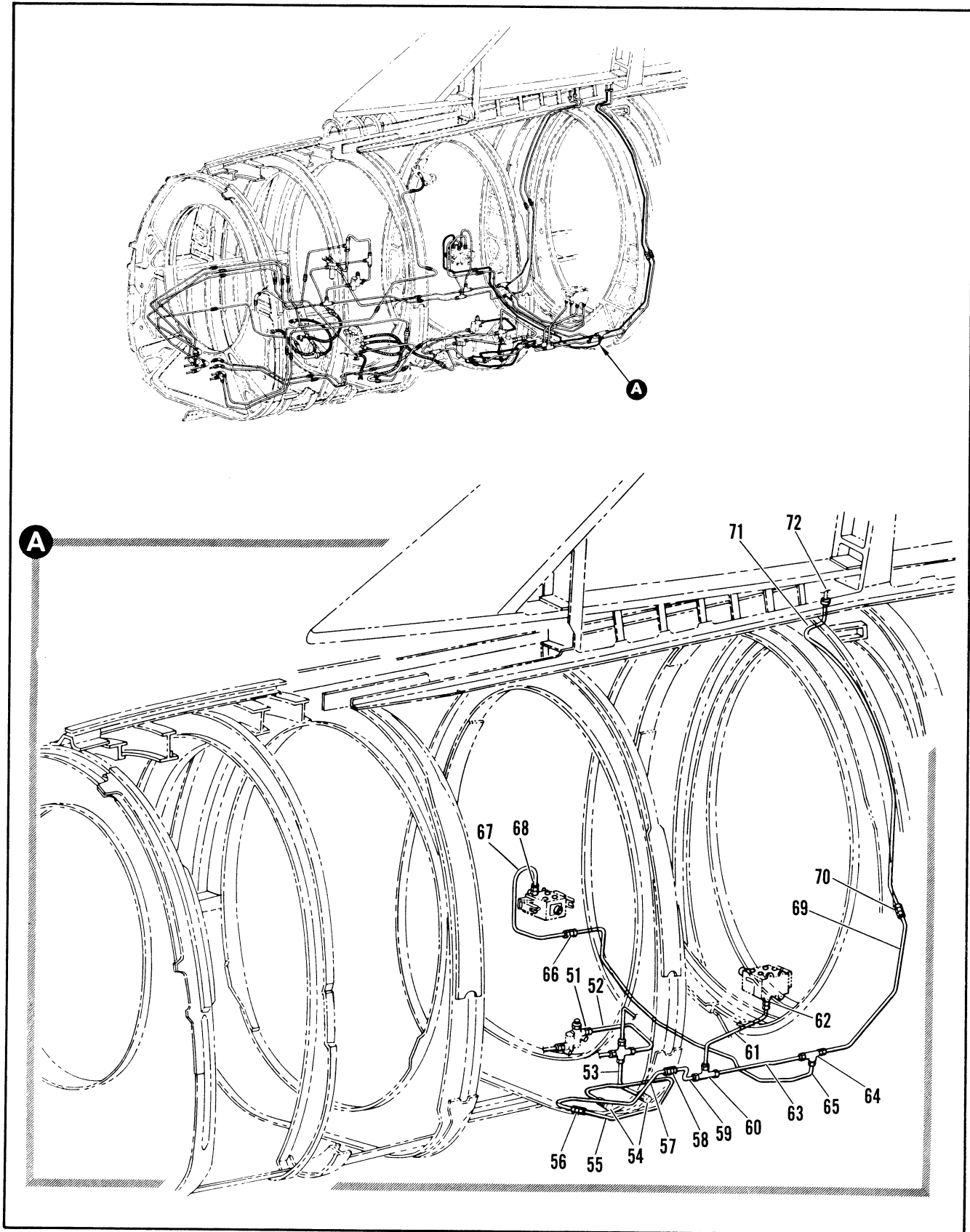


Figure 2.8-12. Power Source Hydraulic Tubing Installation Sta 472 to 605 (Sheet 3 of 7)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.8-12- 51	MS21902D8	• UNION	1	35	
	AN6290-8	• GASKET	1	35	
- 52	8-80030-317	• TUBE ASSEMBLY	1	35	
- 53	8-80030-321	• TUBE ASSEMBLY	1	35	
- 54		• FITTING, AFT SEE FIG. 2.8-1 INDEX 75	PF		
- 55	8-80030-325	• TUBE ASSEMBLY	1	35	
- 56	MS21902D8	• UNION	1	35	
- 57	8-80030-261	• TUBE ASSEMBLY	1	35	
- 58	MS21924D8	• UNION	1	35	
	AN924-8D	• NUT	1	35	
	AN96001216	• WASHER	1	35	
- 59	8-80030-201	• TUBE ASSEMBLY	1	35	
- 60	ER9240080606	• TEE, REDUCING <92003> 98-90319-003	1	35	
- 61	8-80030-125	• TUBE ASSEMBLY	1	35	
- 62	MS21902D6	• UNION	1	35	
	AN6290-6	• GASKET	1	35	
- 63	8-80030-117	• TUBE ASSEMBLY	1	35	
- 64	MS21912D6	• TEE	1	35	
	AN924-6D	• NUT	1	35	
	AN9600916L	• WASHER	1	35	
- 65	8-80030-119	• TUBE ASSEMBLY	1	35	41
	8-80030-245	• TUBE ASSEMBLY	1	42	
	TAC6LS49	• BLOCK CLAMP	1	35	41
- 66	MS21902D6	• UNION	1	35	
- 67	8-80030-151	• TUBE ASSEMBLY	1	35	
- 68	MS21902D6	• UNION	1	35	
	AN6290-6	• GASKET	1	35	
- 69	8-80030-239	• TUBE ASSEMBLY	1	35	
- 70	MS21916D6-4	• REDUCER	1	35	
- 71	8-80030-237	• TUBE ASSEMBLY	1	35	
- 72		• TUBE ASSY, SEE FIG. 2.8-13 INDEX 14	PF		

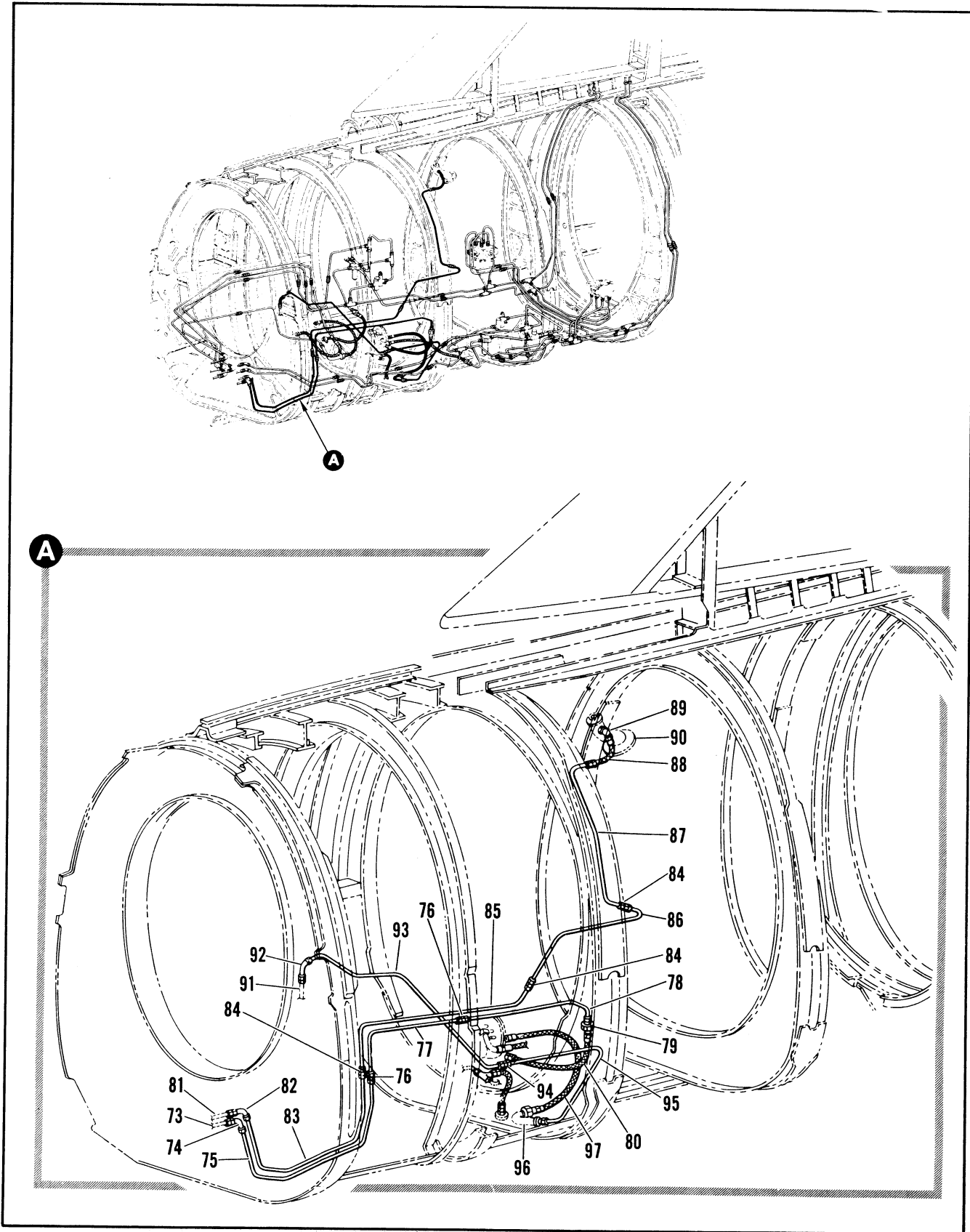


Figure 2.8-12. Power Source Hydraulic Tubing Installation Sta 472 to 605 (Sheet 4 of 7)



FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.8-12- 73		• TUBE ASSY, SEE FIG. 2.8-11 INDEX 62	RF		
- 74	MS21908D6	• ELBOW	1	35	
	AN924-6D	• NUT	1	35	
	AN961D916	• WASHER	1	35	
- 75	8-80030-261	• TUBE ASSEMBLY	1	35	
- 76	MS21902D6	• UNION	2	35	
- 77	8-80030-243	• TUBE ASSEMBLY	1	35	
- 78	8-80030-279	• TUBE ASSEMBLY	1	35	
- 79	3022-6D	• COUPLING ASSY, SELF SEALING <80624> SPEC 8-06386-1	1	35	
- 80	666371-6-0184	• HOSE ASSY, PRIMARY PUMP CASE DRAIN SEE FIG. 2.10-7 INDEX 116	1	35	
- 81		• TUBE ASSY, SEE FIG. 2.8-11 INDEX 65	RF		
- 82	MS21908D4	• ELBOW	1	35	
	AN924-4D	• NUT	1	35	
	AN961D716L	• WASHER	1	278	
- 83	8-80030-193	• TUBE ASSEMBLY	1	35	
- 84	MS21902D4	• UNION	3	35	
- 85	8-80030-185	• TUBE ASSEMBLY	1	35	
- 86	8-80030-219	• TUBE ASSEMBLY	1	35	47
	8-80030-311	• TUBE ASSEMBLY	1	48	
- 87	8-80304-43	• TUBE ASSY	1		
	8-80304-35	• TUBE ASSY	1		
	MS21908D4	• ELBOW	1	35	
	AN924-4D	• NUT	1	35	
	AN961D716L	• WASHER	1	35	
- 88	C9111	• HOSE ASSY, FLEXIBLE STEEL (R1481) SPEC 8-00453-180	1	35	
- 89	4190-578013	• ELBOW, <92003> 93-40014-002	1	35	
- 90		• DUCT ASSY, BLEED AIR SEE FIG. 2.13-25 INDEX 16	RF		
- 91		• TUBE ASSY, SEE FIG. 2.8-11 INDEX 59	RF		
- 92	MS21907D16	• ELBOW	1	35	
	AN924-16D	• NUT	1	35	
	AN901-16A	• GASKET	2	35	
	AN961D2116	• WASHER	1	189	277
- 93	8-80030-213	• TUBE ASSEMBLY	1	35	38
	8-80030-243	• TUBE ASSEMBLY	1	39	
- 94	MS21902D16	• UNION	1	35	38
- 95	8-80030-55	• TUBE ASSEMBLY	1	39	48
	8-80030-241	• TUBE ASSEMBLY	1	49	
	8-80030-289	• TUBE ASSEMBLY	1	49	
- 96		• COUPLING ASSY, SEE FIG. 2.9-1 INDEX 60	RF		
- 97	421008	• HOSE ASSY, PRIMARY PUMP SUCTION SEE FIG. 2.10-7 INDEX 123	1	35	
		R AIRPLANES 75 THRU 188, 278 AND ON			

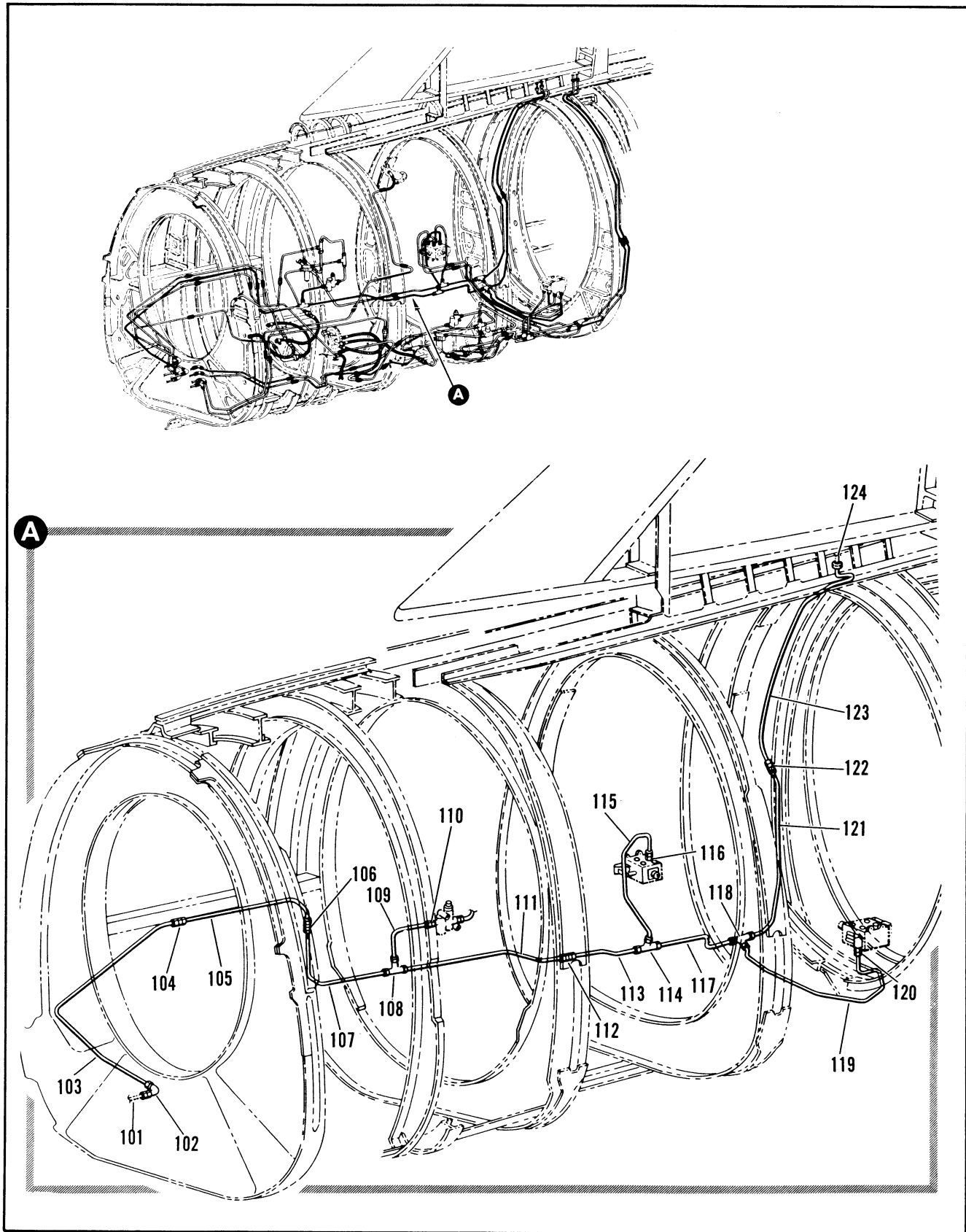


Figure 2.8-12. Power Source Hydraulic Tubing Installation Sta 472 to 605 (Sheet 5 of 7)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.8-12- 98	R9800-4-0090	• HOSE ASSY, PUMP SEAL DRAIN <5:599> 94-80506-047	1	35	
- 99		• TUBE ASSY, SEE FIG. 2.10-7 INDEX 101	RF		
-100		• TUBE ASSY, SEE FIG. 2.10-7 INDEX 97	RF		
-101		• TUBE ASSY, SEE FIG. 2.8-11 INDEX 42	RF		
-102	MS21907D10	• ELBOW	1	35	
	AN924-100	• NUT	1	35	
	AN96001416	• WASHER	1	278	
-103	8-80030-57	• TUBE ASSEMBLY	1	35	129
	8-80030-347	• TUBE ASSEMBLY	1	130	
-104	MS21902D10	• UNION	1	35	
-105	8-80030-225	• TUBE ASSEMBLY	1	35	48
	8-80030-275	• TUBE ASSEMBLY	1	49	
-106	MS21903D10	• UNION	1	35	48
	AN924-100	• NUT	1	35	48
	AN96001416	• WASHER	1	35	48
	MS21902D10	• UNION	1	49	
-107	8-80030-227	• TUBE ASSEMBLY	1	35	48
	8-80030-277	• TUBE ASSEMBLY	1	49	
-108	MS21905D10	• TEE	1	35	
-109	8-80030-63	• TUBE ASSEMBLY	1	35	
-110	MS21916D10-8	• REDUCER	1	35	
	AN6290-8	• GASKET	1	35	
-111	8-80030-65	• TUBE ASSEMBLY	1	35	
-112	MS21903D10	• UNION	1	35	
	AN924-100	• NUT	1	35	
	AN96001416	• WASHER	1	35	
-113	8-80030-67	• TUBE ASSEMBLY	1	35	
-114	ER624D100606	• TEE, <92003> 98-90319-002	1	35	
-115	8-80030-355	• TUBE ASSEMBLY	1	0	
-116	MS21902D6	• UNION	1	35	
	AN6290-6	• GASKET	1	35	
-117	8-80030-105	• TUBE ASSEMBLY	1	35	
-118	MS21912D6	• TEE	1	35	
	AN924-6D	• NUT	1	35	
	AN9600916L	• WASHER	1	35	
-119	3-80030-97	• TUBE ASSEMBLY	1	35	
	TA06LS49	• BLOCK CLAMP	1	35	
-120	MS21903D6	• UNION	1	35	
	AN924-6D	• NUT	1	35	
	AN9600916L	• WASHER	1	35	
	AN6290-6	• GASKET	1	35	
-121	3-80030-101	• TUBE ASSEMBLY	1	35	
-122	MS21902D6	• UNION	1	35	
-123	8-80030-99	• TUBE ASSEMBLY	1	35	
-124		• TUBE ASSY, SEE FIG. 2.8-12 INDEX 40	RF		
		C AIRPLANES #35 THRU 47 AND 49 THRU 89			
		D AIRPLANES #48, 90 AND ON			

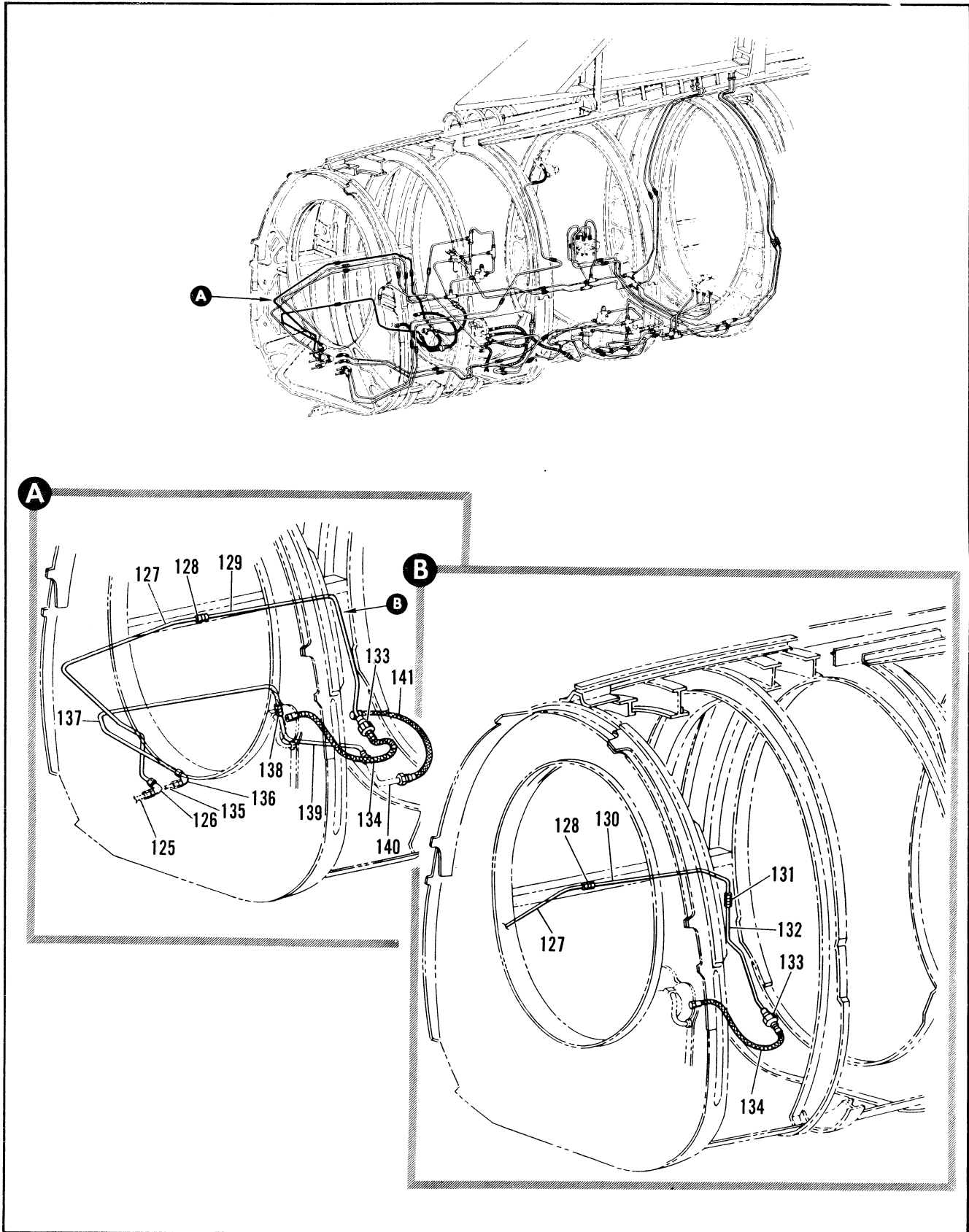


Figure 2.8-12. Power Source Hydraulic Tubing Installation Sta 472 to 605 (Sheet 6 of 7)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.8-12-125			PF		
-126	MS21907D6	• TUBE ASSY, SEE FIG. 2.8-11 INDEX 87	1	35	
	AN924-6D	• ELBOW	1	35	
	AN960D916	• NUT	1	35	
-127	8-80030-285	• WASHER	1	E	
	8-80109-21	• TUBE ASSEMBLY	1	48	49
	8-80030-351	• TUBE ASSEMBLY	1	130	
-128	MS21902D6	• TUBE ASSEMBLY	1	35	
-129	8-80030-287	• UNION	1	F	
-130	8-80109-23	• TUBE ASSEMBLY	1	48	49
-131	MS21903D6	• TUBE ASSEMBLY	1	48	49
	AN924-6D	• UNION	1	44	49
	AN960D916L	• NUT	1	48	49
-132	8-80109-25	• WASHER	1	48	49
-133	3022-6D	• TUBE ASSEMBLY	1	48	49
		• COUPLING ASSY, SELF SEALING <00624> SPEC 8-08586-1	1	35	
-134	566319-6:174	• HOSE ASSY, SECONDARY PUMP CASE DRAIN SEE FIG. 2.10-7 INDEX 117	1	35	
-135		• TUBE ASSY, SEE FIG. 2.8-11 INDEX 90	PF		
-136	MS21907D16	• ELBOW	1	35	
	AN924-16D	• NUT	1	35	
-137	8-80030-253	• TUBE ASSEMBLY	1	35	129
	8-80030-349	• TUBE ASSEMBLY	1	130	
-138	MS21902D16	• UNION	1	35	
-139	8-80030-267	• TUBE ASSEMBLY	1	G	
	8-80030-269	• TUBE ASSEMBLY	1	48	277
-140		• COUPLING ASSY, SEE FIG. 2.8-1 INDEX 60	PF		
-141	R20608-2	• HOSE ASSY, SECONDARY PUMP SUCTION SEE FIG. 2.10-7 INDEX 124 AND INDEX 125	1	35	
		E AIRPLANES #35 THRU 47 AND 49 THRU 129			
		F AIRPLANES #35 THRU 47, 49 AND ON			
		G AIRPLANES #35 THRU 47, 279 AND ON			

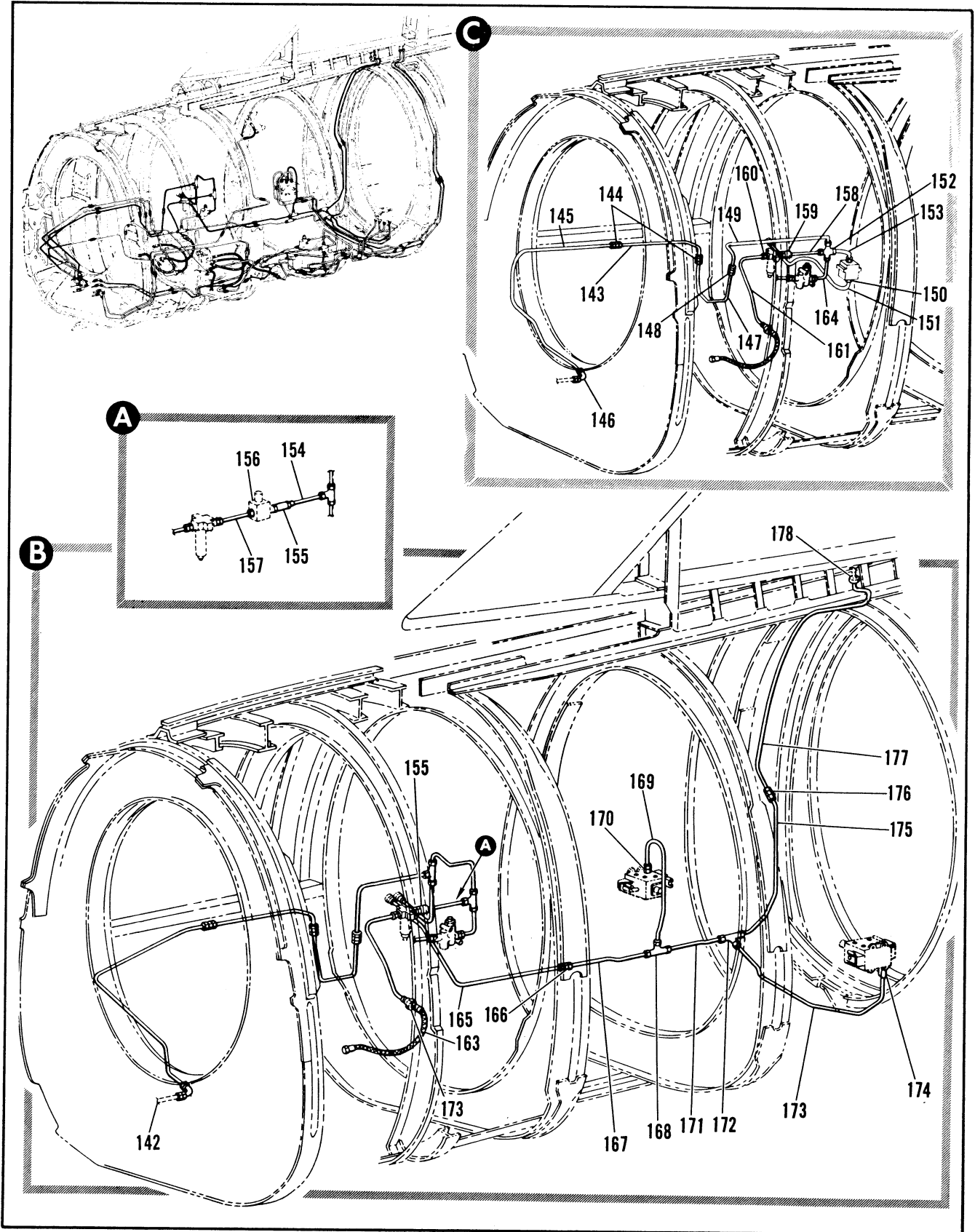


Figure 2.8-12. Power Source Hydraulic Tubing Installation Sta 472 to 605 (Sheet 7 of 7)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.8-12-142		• TUBE ASSY, SEE FIG. 2.8-11 INDEX 15	RF		
-143	7144797-01	• TUBE ASSY (98750)	1		
-144	MS21902D12	• UNION (96906)	2		
-145	7144798-01	• TUBE ASSY (98750)	1		
-146	MS21907D12	• ELBOW (96906)	1		
	AN924-12D	• NUT (88044)	1		
	AN960D1716	• WASHER (88044)	1		
-147	7144797-01	• TUBE ASSY (98750)	1		
-148	MS21902D12	• UNION (96906)	1		
-149	7144795-01	• TUBE ASSY (98750)	1		
-150	MS21902D8	• UNION (96906)	1		
	MS28778-8	• PACKING (96906)	1		
-151	7144791-01	• TUBE ASSY (98750)	1		
-152	ER827D12081208	• CROSS (92003)	1		
-153	7144789-01	• TUBE ASSY (98750)	1		
-154	8-80030-345	• TUBE ASSEMBLY	1	90	
-155	4CV482	• VALVE ASSY, CHECK <91207> SPEC 8-08450-608 T.O. 9H8-6-50-3	1	35	
-156		• SWITCH, THERMOSTATIC SEE FIG. 2.8-1 INDEX 34	RF		
-157	8-80030-343	• TUBE ASSEMBLY	1	90	
-158	7144794-01	• TUBE ASSY (98750)	1		
-159	MS28892-12	• VALVE, CHECK (96906)	1		
	MS28778-12	• PACKING (96906)	1		
-160	MS21902-12	• UNION (96906)	1		
	MS28778-12	• PACKING (96906)	1		
-161	7144793-01	• TUBE ASSY (98750)	1		
-162		• COUPLING ASSY, SEE FIG. 2.3-4 INDEX 93	RF		
-163	MS27369-H-0214	• HOSE ASSY, SECONDARY PUMP PRESSURE SEE FIG. 2.10-7 INDEX 104.1	1	35	
-164	7144790-01	• TUBE ASSY (98750)	1		
-165	8-80030-331	• TUBE ASSEMBLY	1	35	
-166	MS21903D8	• UNION (96906)	1	35	
	AN924-8D	• NUT (88044)	1	35	
	AN960D1216	• WASHER (88044)	1	35	
-167	8-80030-2C3	• TUBE ASSEMBLY	1	35	
-168	ER824D080606	• TEE, REDUCER <82003> 98-90319-003	1	35	
-169	8-80030-353	• TUBE ASSEMBLY	1	35	
-170	MS21902D6	• UNION (96906)	1	35	
	AN6290-6	• GASKET (88044)	1	35	
-171	8-80030-97	• TUBE ASSEMBLY	1	35	
-172	MS21912D6	• TEE (96906)	1	35	
	AN924-6D	• NUT (88044)	1	35	
	AN960D916L	• WASHER (88044)	1	35	
-173	8-80030-95	• TUBE ASSEMBLY	1	35	
	TA06LS49	• BLOCK CLAMP	1	35	
-174	MS21902D6	• UNION (96906)	1	35	
	AN6290-6	• GASKET (88044)	1	35	
-175	8-80030-233	• TUBE ASSEMBLY	1	35	
-176	MS21902D6	• UNION (96906)	1	35	
-177	8-80030-235	• TUBE ASSEMBLY	1	35	
-178		• TUBE ASSY, SEE FIG. 2.8-13 INDEX 27	RF		

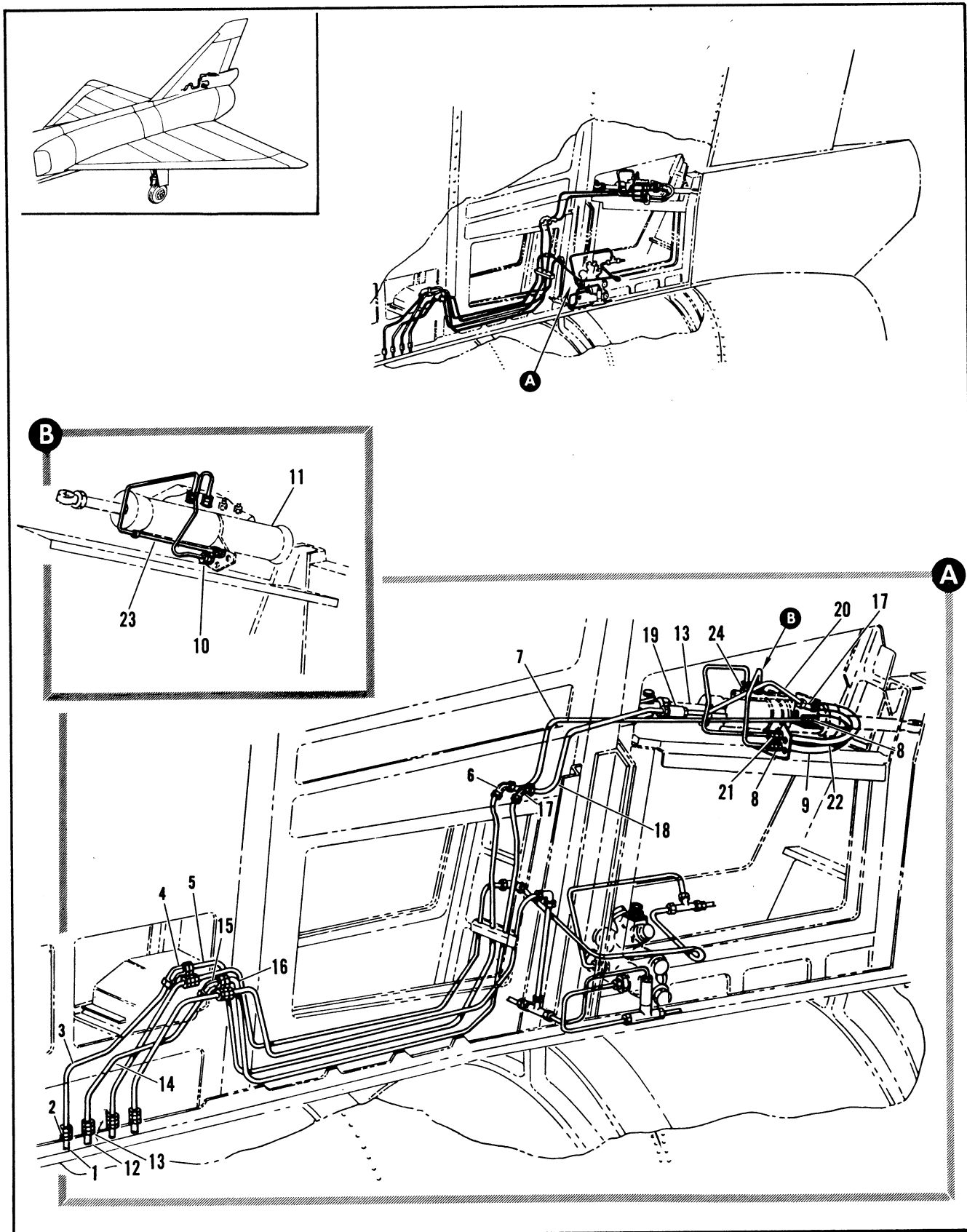


Figure 2.8-13. Power Source Hydraulic Tubing Installation Sta 615 to 711 (Sheet 1 of 2)



FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.8-13	8-80024	TUBING INSTALLATION, POWER SOURCE HYDRAULIC STA 615 TO 711 MODIFIED BY 8-80131-5 FCR NHA SEE FIG. 2.7-6	RF	35	
- 1		• TUBE ASSY, SEE FIG. 2.8-12 INDEX 49	RF		
- 2	MS21903D4	• UNION	1	35	
	AN924-4D	• NUT	1	35	
- 3	8-80024-117	• TUBE ASSEMBLY	1	35	
- 4	MS21907D4	• ELBOW	1	35	
	AN924-4D	• NUT	1	35	
	AN967D716	• WASHER	1	35	
- 5	8-80024-141	• TUBE ASSEMBLY	1	35	
- 6	MS21907D4	• ELBOW	1	35	
	AN924-4D	• NUT	1	35	
- 7	8-80024-167	• TUBE ASSEMBLY	1	35	
- 8	MS21903D4	• UNION	2	35	
	AN924-4D	• NUT	2	35	
- 9	CR295870-4-0134	• HOSE ASSY, <50599> SPEC 8-00358-134	1	35	
- 10	8-80024-179	• TUBE ASSEMBLY	1	35	129
	8-80024-199	• TUBE ASSEMBLY	1	130	
- 11		• ACTUATOR ASSY, SERVO VALVE CONTROL RUDDER SEE FIG. 2.14-44 INDEX 2	RF		
- 12		• TUBE ASSY, SEE FIG. 2.8-12 INDEX 50	RF		
- 13	MS21903D4	• UNION	1	35	
	AN924-4D	• NUT	1	35	
- 14	8-80024-121	• TUBE ASSEMBLY	1	35	
- 15	MS21907D4	• ELBOW	1	35	
	AN924-4D	• NUT	1	35	
	AN967D716	• WASHER	1	35	
- 16	8-80024-143	• TUBE ASSEMBLY	1	35	
- 17	MS21907D4	• ELBOW	2	35	
	AN924-4D	• NUT	2	35	
- 18	8-80024-163	• TUBE ASSEMBLY	1	35	
- 19	60844	• FILTER ASSY, <81321> SPEC 8-00492-1	1	35	
- 20	8-80024-165	• TUBE ASSEMBLY	1	35	
- 21	MS21903D4	• UNION	1	35	
	AN924-4D	• NUT	1	35	
- 22	CR295870CC-4-0136	• HOSE ASSY, <50599> SPEC 8-00358-134	1	35	
- 23	8-80024-177	• TUBE ASSEMBLY	1	61	
- 24	MS21902D4	• UNION	1	35	
	AN6297-4	• GASKET	1	35	

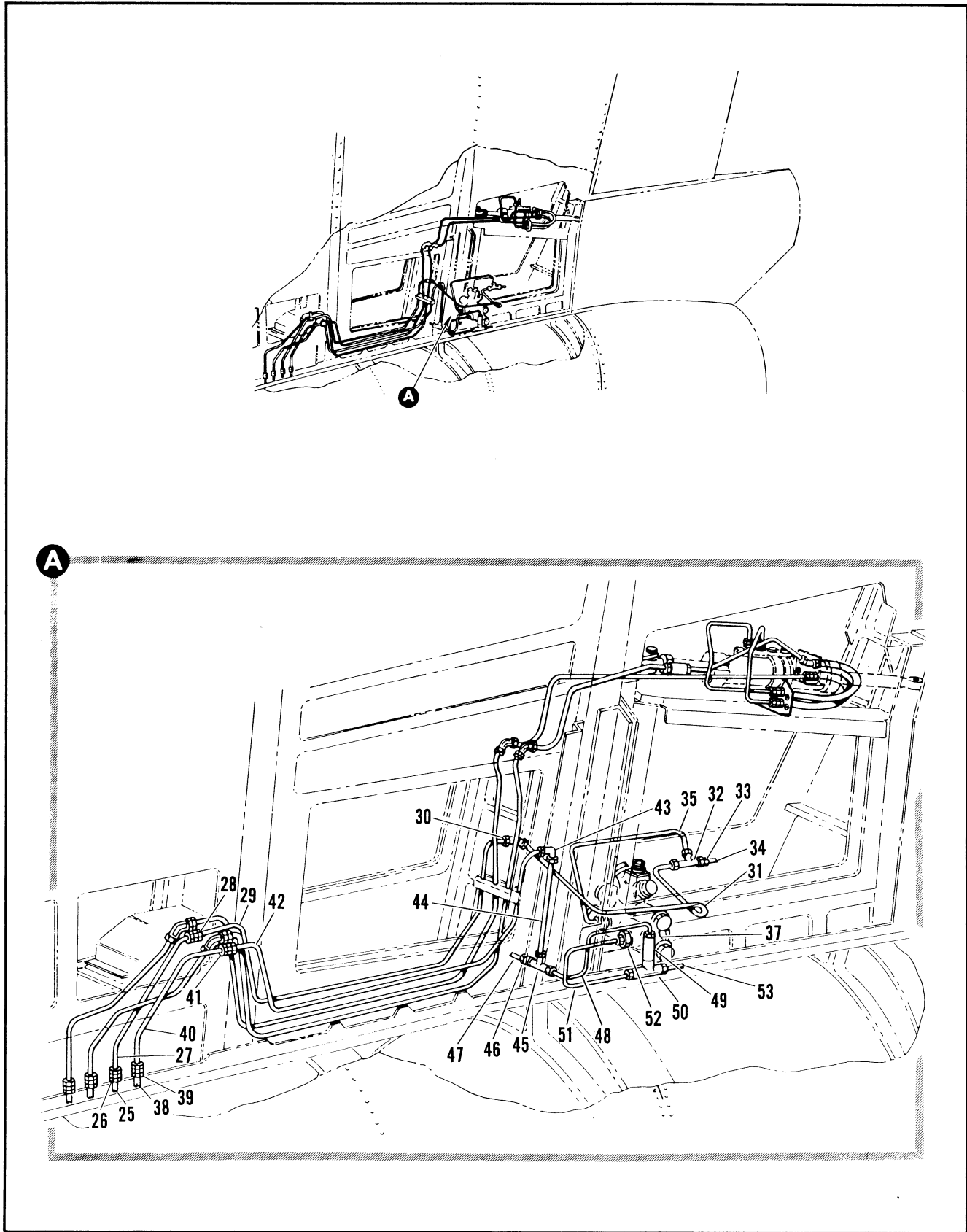


Figure 2.8-13. Power Source Hydraulic Tubing Installation Sta 615 to 711 (Sheet 2 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.8-13- 25		• TUBE ASSY, SEE FIG. 2.8-12	RF		
- 26	MS21903D6	• UNION	1	35	
	AN924-60	• NUT	1	35	
	AN960D916	• WASHER	1	35	
- 27	8-80024-137	• TUBE ASSEMBLY	1	35	
- 28	MS21903D6	• UNION	1	35	
	AN924-60	• NUT	1	35	
- 29	8-80024-139	• TUBE ASSEMBLY	1	35	277
	8-80024-11	• TUBE ASSEMBLY	1	278	
- 30	MS21908D6	• ELBOW	1	35	
	AN924-60	• NUT	1	35	
- 31	8-80024-151	• TUBE ASSEMBLY	1	35	
- 32	MS21911D6	• TEE	1	35	
	AN924-60	• NUT	1	35	
	AN960D916	• WASHER	1	35	
- 33	MS21916D6-4	• REDUCER	1	35	
- 34		• TUBE ASSY, SEE FIG. 2.8-20 INDEX 3	RF		
	AN6290-6	• GASKET	1	35	
- 35	8-80024-25	• TUBE ASSEMBLY	1	35	
- 36	MS21902D6	• UNION	1	35	
	AN6290-6	• GASKET	1	35	
- 37		• VALVE ASSY, SELECTOR SPEED BRAKE CONTROL SEE FIG. 2.3-15 INDEX 23	RF		
- 38		• TUBE ASSY, SEE FIG. 2.8-12 INDEX 71	RF		
- 39	MS21903D6	• UNION	1	35	
	AN924-60	• NUT	1	35	
	AN960D916	• WASHER	1	35	
- 40	8-80024-9	• TUBE ASSEMBLY	1	35	
- 41	MS21903D6	• UNION	1	35	
	AN924-60	• NUT	1	35	
- 42	8-80024-135	• TUBE ASSEMBLY	1	35	277
	8-80024-7	• TUBE ASSEMBLY	1	278	
- 43	MS2107D6	• ELBOW	1	35	
	AN924-60	• NUT	1	35	
- 44	8-80024-149	• TUBE ASSEMBLY	1	35	
- 45	MS21911D6	• TEE	1	35	
	AN924-160	• NUT	1	35	
	AN960D916	• WASHER	1	35	
- 46	MS21916D6-4	• REDUCER	1	35	
	AN6290-6	• GASKET	1	35	
- 47		• TUBE ASSY, SEE FIG. 2.8-20 INDEX 15	RF		
- 48	8-80024-99	• TUBE ASSEMBLY	1	35	
- 49	1112-558951	• VALVE ASSY, CHECK <92003> SPEC 8-08450-306 T.O.9H8-6-6-23	1	35	
	AN6290-6	• GASKET	1	35	
- 50	MS21910D6	• TEE	1	35	
	AN924-60	• NUT	1	35	
	AN960D916	• WASHER	1	35	
- 51	8-80024-97	• TUBE ASSEMBLY	1	35	
- 52	MS21902D6	• UNION	1	35	
	AN6290-6	• GASKET	1	35	
- 53		• TUBE ASSY, SEE FIG. 2.8-20 INDEX 9	RF		

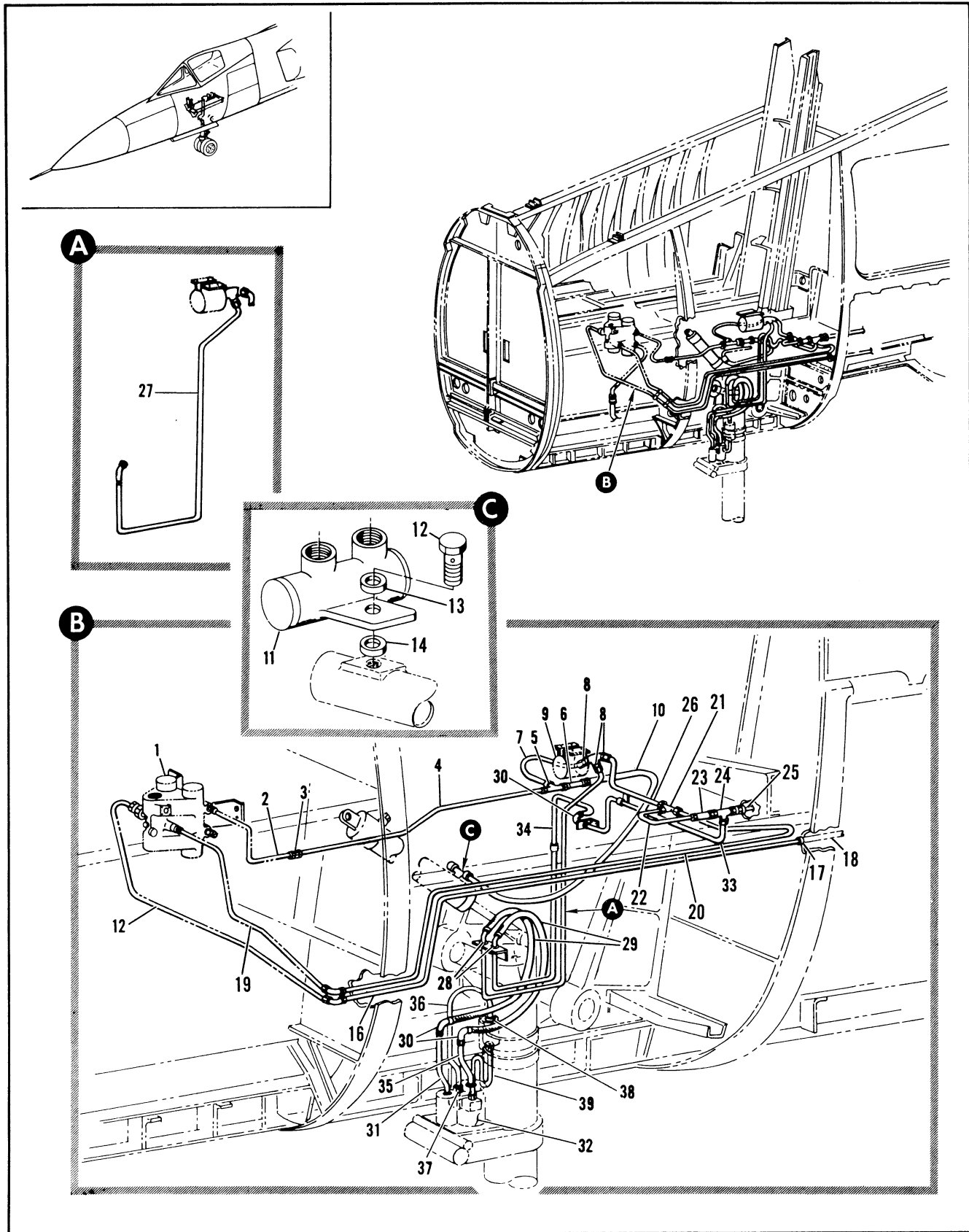


Figure 2.8-14. Nose Landing Gear Hydraulic Tubing Installation Sta 132 to 169

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.8-14	8-80032-801	TUBING INSTALLATION, NOSE LANDING GEAR HYDRAULIC STA 132 TO 169 MODIFIED BY 8-80160	RF	35	
- 1		• VALVE ASSY, NLG HYDRAULIC CONTROL SEE FIG. 2.15-1 INDEX 2	RF		
- 2		• TUBE ASSY, SEE FIG. 2.8-22 INDEX 18	RF		
- 3	MS21924D4	• UNION	1	35	
	AN924-4D	• NUT	1	35	
	AN960D716	• WASHER	1	35	
- 4	8-80032-43	• TUBE ASSEMBLY	1	35	
- 5	MS21911D4	• TEE	1	35	
	AN924-4D	• NUT	1	35	
	AN960D716	• WASHER	1	35	
	AN6290-4	• GASKET	1	35	
- 6	2R2441-1	• RESTRICTOR ASSY, <91207> SPEC 8-08476-204 T.O.9H8-8-20-3	1	35	
- 7	8-80032-45	• TUBE ASSEMBLY	1	35	
- 8	MS21902D4	• UNION	3	35	
	AN6290-4	• GASKET	3	35	
- 9		• VALVE ASSY, HYDRAULIC CONTROL NOSE WHEEL STEERING SEE FIG. 2.15-1 INDEX 17	RF		
- 10	R295800-4-0180	• HOSE ASSY, <50599> 94-80542-007	1	35	
- 11	52675	• VALVE ASSY, SHUTTLE <00502> SPEC 8-00361 T.O.9H8-5-50-3	1	35	
- 12	8-80208	• BOLT	1	35	
- 13	MS28775-011	• PACKING	1	35	
- 14	MS28778-4	• GASKET	1	35	
- 15		• TUBE ASSY, SEE FIG. 2.8-22 INDEX 39	RF		
- 16	8-80032-77	• TUBE ASSEMBLY	1	35	60
	8-80032-235	• TUBE ASSEMBLY	1	61	
- 17	MS21902D4	• UNION	1	35	
	AN924-4D	• NUT	1	35	
	AN6290-4	• GASKET	1	35	
- 18		• TUBE ASSY, SEE FIG. 2.8-15 INDEX 13	RF		
- 19		• TUBE ASSY, SEE FIG. 2.8-22	RF		
- 20	8-80032-169	• TUBE ASSEMBLY	1	35	60
	8-80032-237	• TUBE ASSEMBLY	1	61	188
	8-80032-257	• TUBE ASSEMBLY	1	189	
- 21	MS21905D4	• TEE	1	35	
- 22	8-80032-171	• TUBE ASSEMBLY	1	35	188
	8-80032-251	• TUBE ASSEMBLY	1	189	
- 23	1112-568664	• VALVE ASSY, CHECK <92003> SPEC 8-08450-304	1	35	
- 24	MS21911D4	• TEE	1	35	
	AN924-4D	• NUT	1	35	
	AN960D716	• WASHER	1	35	
	AN6290-4	• GASKET	1	35	
- 25		• TUBE ASSY, SEE FIG. 2.8-15 INDEX 10	RF		
- 26	8-80032-173	• TUBE ASSEMBLY	1	35	188
	3-80032-253	• TUBE ASSEMBLY	1	189	
- 27	8-80032-269	• TUBE ASSEMBLY	1	0	
- 28	MS21907D4	• ELBOW	2	35	
	AN924-4D	• NUT	2	35	
	AN960D716	• WASHER	2	35	

A AIRPLANES #35 THRU 110, 112 THRU 121, AND 123  
 B AIRPLANES #111, 122, 124 AND ON



FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.8-14- 29	R295800-4-0217	• HOSE ASSY, <50599> 94-80542-008	2	35	
- 30	MS21908D4	• ELBOW	3	35	
	AN924-4D	• UNION	3	35	
	AN960D716	• WASHER	3	35	
- 31	8-80032-137	• TUBE ASSEMBLY	1	35	
- 32		• STEER-DAMP UNIT ASSEMBLY SEE FIG. 2.15-18 INDEX 17	RF		
- 33	8-80032-175	• TUBE ASSEMBLY	1	35	
- 34	8-80032-165	• TUBE ASSEMBLY	1	35	
- 35	8-80032-139	• TUBE ASSEMBLY	1	35	
- 36	8-80032-261	• TUBE ASSEMBLY	1	241	
- 37	MS21916-6-4	• REDUCER	2	241	
	AN6290-4	• GASKET	2	241	
- 38		• RESTRICTOR ASSY, SEE FIG. 2.15-17 INDEX 80	RF		
- 39	8-80032-263	• TUBE ASSEMBLY	1	241	

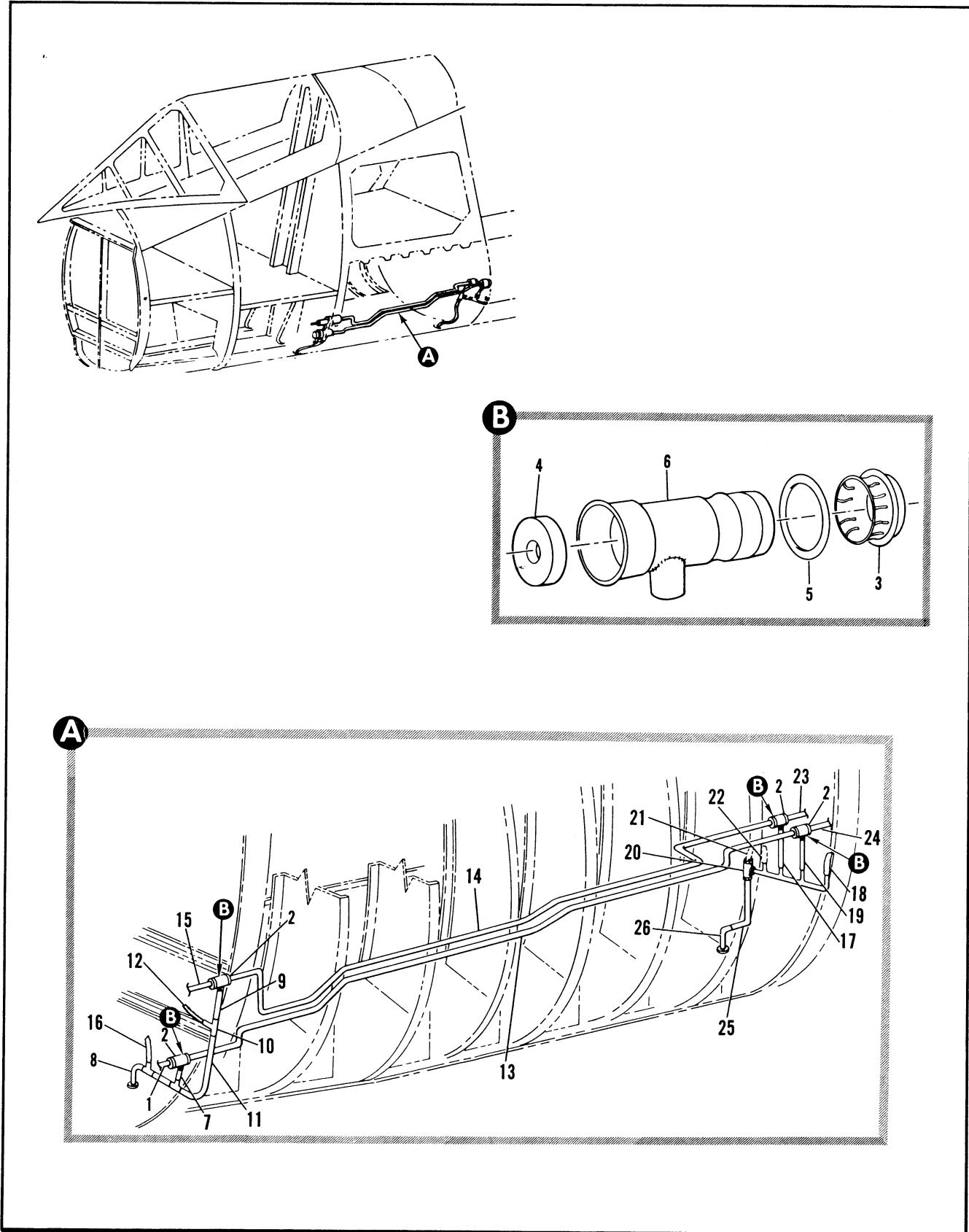


Figure 2.8-15. Nose Landing Gear Hydraulic Tubing Installation Sta 169 to 216



FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.8-15	8-80032-801	TUBING INSTALLATION, NOSE LANDING GEAR HYDRAULIC STA 169 TO 216	RF	35	
- 1		• TUBE ASSY, SEE FIG. 2.8-14 INDEX 16	RF		
- 2	8-81331	• SHROUD ASSY, HYDRAULIC	4	35	
- 3	8-81257	• • RECEPTACLE	1	35	
- 4	8-81258	• • CROMMET	1	35	
- 5	AN6227-19	• • PACKING	1	35	
- 6	8-81331-7	• • CASE ASSY, WELDED	1	35	
- 7	8-80032-213	• TUBE, DRAIN	1		
	8-80032-233	• TUBE, DRAIN	1		
- 8	8-81253-3	• ADAPTER ASSEMBLY	1	35	
- 9	8-84224-7	• TUBE, DRAIN	1		
- 10	8-81259	• TEE ASSY, WELDED	1		
- 11	8-84224-19	• TUBE, DRAIN	1		
- 12		• TUBE, DRAIN SEE FIG. 2.8-25 INDEX 27	RF		
- 13	8-80032-211	• TUBE ASSEMBLY	1	35	
- 14	8-80032-209	• TUBE ASSEMBLY	1	35	
- 15		• TUBE ASSY, SEE FIG. 2.8-14 INDEX 17	RF		
- 16		• TUBE ASSY, SEE FIG. 2.5-14 INDEX 20	RF		
- 17	8-84224-21	• TUBE, DRAIN	1		
- 18		• TUBE ASSY, SEE FIG. 2.9-13 INDEX 18	RF		
- 19	8-84224-17	• TUBE, DRAIN	1		
- 20	8-84225-1	• MANIFOLD ASSEMBLY	1		
- 21		• TUBE, DRAIN SEE FIG. 2.8-25 INDEX 29	RF		
- 22		• TUBE, DRAIN SEE FIG. 2.8-25 INDEX 30	RF		
- 23		• TUBE ASSY, SEE FIG. 2.8-9 INDEX 21	RF		
- 24		• TUBE ASSY, SEE FIG. 2.3-9 INDEX 3	RF		
- 25	8-84224-27	• TUBE, DRAIN	1		
- 26	8-81253-1	• ADAPTER ASSEMBLY	1	35	

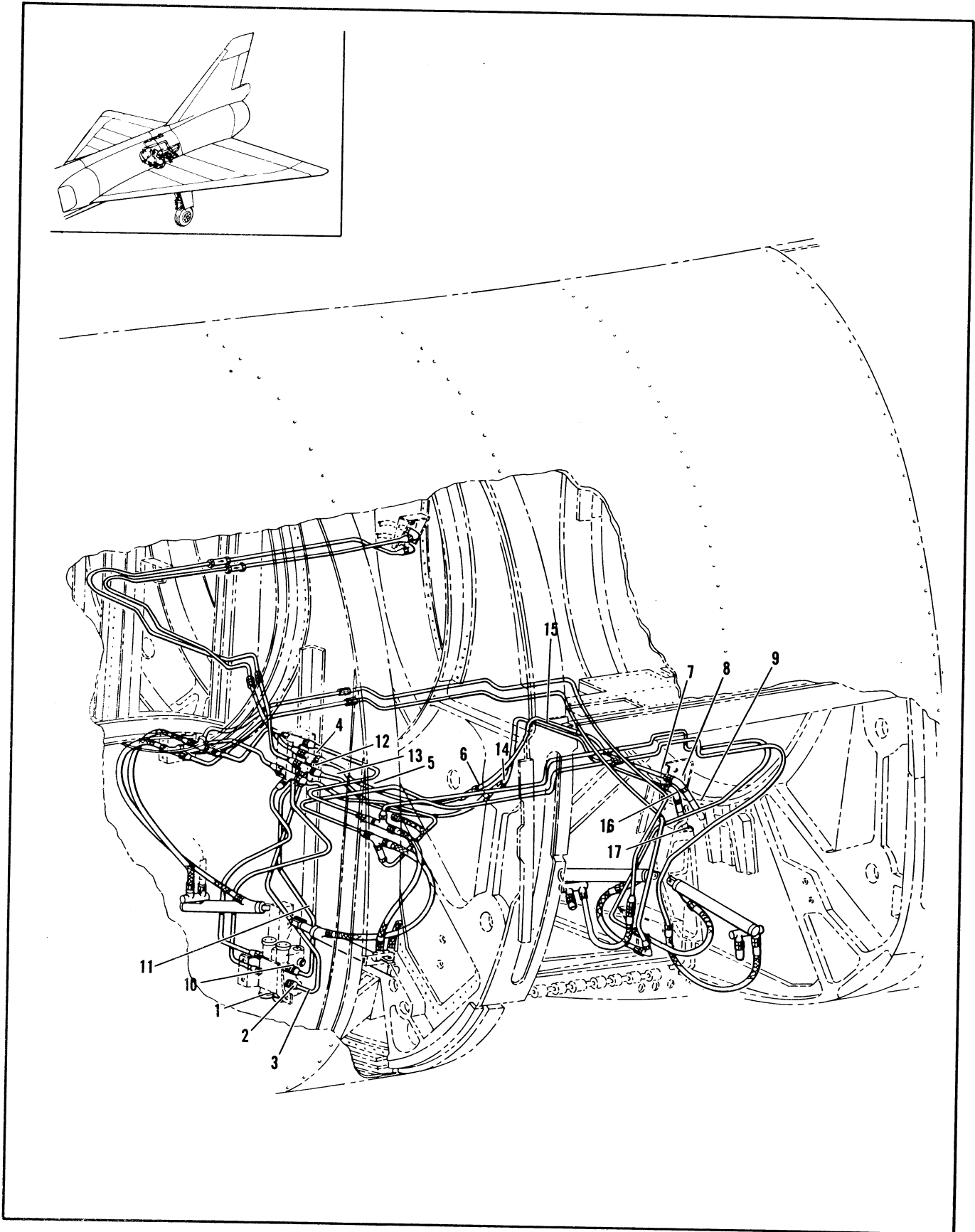


Figure 2.8-16. Main Landing Gear Hydraulic Tubing Installation (Sheet 1 of 4)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.8-16	8-80031-801	TUBING INSTALLATION, HYDRAULIC MAIN LANDING GEAR	RF	35	48
	8-80031-803	TUBING INSTALLATION, HYDRAULIC MAIN LANDING GEAR	RF	49	60
	8-80031-809	TUBING INSTALLATION, HYDRAULIC MAIN LANDING GEAR	RF	61	
- 1	1371-579106	• VALVE, MLG SELECTOR SEE FIG. 2.15-1 INDEX 37	RF		
- 2	MS21916D10-6 AN6290-6	• REDUCER • GASKET	1 1	35 35	
- 3	8-80031-157 8-80031-519	• TUBE ASSY, MLG DOWN • TUBE ASSY, MLG DOWN	1 1	35 61	60
- 4	MS21910D6 AN924-6D AN960D916 MS21916D8-6 AN6290-6	• TEE • NUT • WASHER • REDUCER • GASKET	1 1 1 1 1	35 35 35 35 35	
- 5	8-80031-165 8-80031-405	• TUBE ASSY, MLG DOWN • TUBE ASSY, MLG DOWN	1 1	35 30	38
- 6	4CV464-70-30	• RESTRICTOR, VALVE <91207> SPEC 8-00247-670	1	35	
- 7	8-80031-167 8-80031-407	• TUBE ASSY, MLG DOWN • TUBE ASSY, MLG DOWN	1 1	35 39	38
- 8	MS21907D6 AN924-6D AN960D916	• ELBOW • NUT • WASHER	1 1 1	35 35 35	
- 9		• HOSE ASSY, SEE FIG. 2.15-25 INDEX 9	RF		
- 10	MS21916D10-6 AN6290-6	• REDUCER • GASKET	1 1	35 35	
- 11	8-80031-291 8-80031-535	• TUBE ASSY, MLG UP • TUBE ASSY, MLG UP	1 1	35 61	60
- 12	MS21910D6 AN924-6D AN960D916 MS21916D8-6 AN6290-6	• TEE • NUT • WASHER • REDUCER • GASKET	1 1 1 1 1	35 35 35 35 35	
- 13	8-80031-161 8-80031-411	• TUBE ASSY, MLG UP • TUBE ASSY, MLG UP	1 1	35 39	38
- 14	4CV464-70-30	• RESTRICTOR, VALVE <91207> SPEC 8-00247-670	1	35	
- 15	8-80031-163 8-80031-403	• TUBE ASSY, MLG UP • TUBE ASSY, MLG UP	1 1	35 39	38
- 16	MS21907D6 AN924-6D AN960D916	• ELBOW • NUT • WASHER	1 1 1	35 35 35	
- 17		• HOSE ASSY, SEE FIG. 2.15-25 INDEX 6	RF		

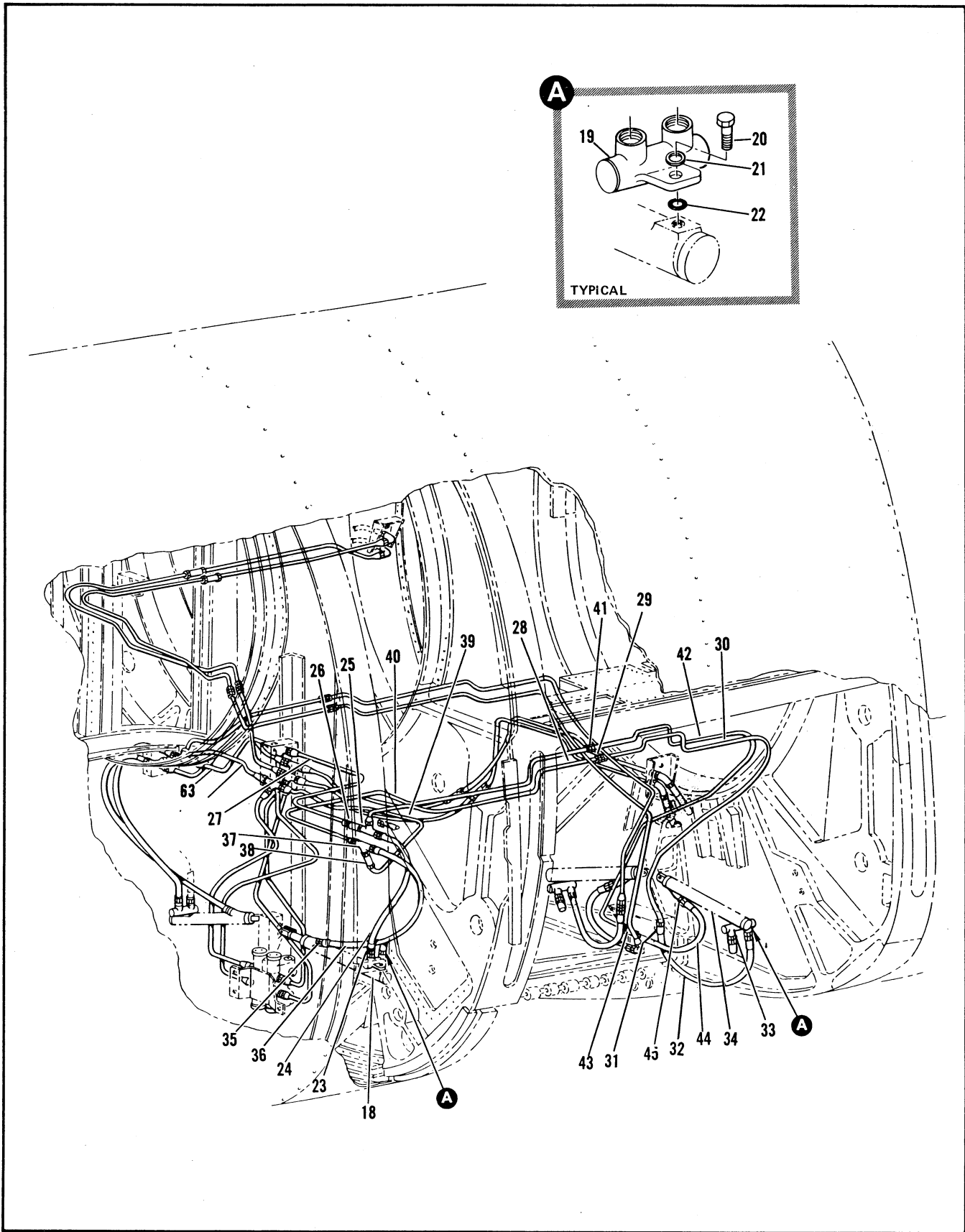


Figure 2.8-16. Main Landing Gear Hydraulic Tubing Installation (Sheet 2 of 4)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.8-16- 18			RF		
- 19	385DA1	• ACTUATOR ASSY, MLG DOOR FWD SEE FIG. 2.15-22 INDEX 2 • VALVE ASSY, SHUTTLE <78062> SPEC 8-00364-1 T.O.9H8-5-51-3 ATTACHING PARTS	2	35	
- 20	8-80208	• BOLT	2	35	
- 21	MS28775-011	• PACKING	2	35	
- 22	MS28778-4	• GASKET -----X----	2	35	
- 23	MS21902D4 AN6290-4	• UNION • GASKET	1	35	
- 24	CR295870-4-0136 YR5870-4-0136	• HOSE ASSY, FWD <50599> SPEC 8-00358-136 • HOSE ASSY, FWD <50599> SPEC 8-00358-136	1	35	48
- 25	MS21911D4 AN924-4D	• TEE • NUT	1	35	
- 26	AN960D716L 2R2441-3	• WASHER • RESTRICTOR, VALVE <91207> SPEC 8-08476-404 T.O.9H8-8-20-3	1	35	
- 27	8-80031-271 8-80031-531	• TUBE ASSY, MLG DOOR OPEN • TUBE ASSY, MLG DOOR OPEN	1	35	60
- 28	8-80031-273 8-80031-533	• TUBE ASSY, MLG DOOR OPEN • TUBE ASSY, MLG DOOR OPEN	1	35	60
- 29	MS21903D4	• UNION	1	35	
- 30	8-80031-335 8-80031-539	• TUBE ASSY, MLG DOOR OPEN • TUBE ASSY, MLG DOOR OPEN	1	35	60
- 31	MS21924D4 AN924-4D	• UNION • NUT	1	35	
- 32	AN960D716L	• WASHER	1	35	
- 33	CR295870-4-0136 MS21902D4	• HOSE ASSY, AFT <50599> SPEC 8-00358-136 • UNION	1	35	
- 34	AN6290-4	• GASKET • ACTUATOR ASSY, MLG DOOR AFT SEE FIG. 2.15-22 INDEX 4	1	35	
- 35	MS21902D4 AN6290-4	• UNION • GASKET	1	35	
- 36	CR295870-4-0180 YR5870-4-0180	• HOSE ASSY, FWD <50599> SPEC 8-00358-180 • HOSE ASSY, FWD <50599> SPEC 8-00358-180	1	35	48
- 37	MS21910D4 AN924-4D	• TEE • NUT	1	35	
- 38	AN960D716L 2R2441-3	• WASHER • RESTRICTOR, VALVE <91207> SPEC 8-08476-404 T.O.9H8-8-20-3	1	35	
- 39	8-80031-265 8-80031-527	• TUBE ASSY, MLG DOOR CLOSE • TUBE ASSY, MLG DOOR CLOSE	1	35	60
- 40	8-80031-267 8-80031-529	• TUBE ASSY, MLG DOOR CLOSE • TUBE ASSY, MLG DOOR CLOSE	1	35	60
- 41	MS21902D4	• UNION	1	35	
- 42	8-80031-333 8-80031-537	• TUBE ASSY, MLG DOOR CLOSE • TUBE ASSY, MLG DOOR CLOSE	1	35	60
- 43	MS21907D4 AN924-4D	• ELBOW • NUT	1	35	
- 44	AN960D716L R295800-4-0122	• WASHER • HOSE ASSY, <50599> 94-80542-015	1	35	
- 45	MS21902D4 AN6290-4	• UNION • GASKET	1	35	

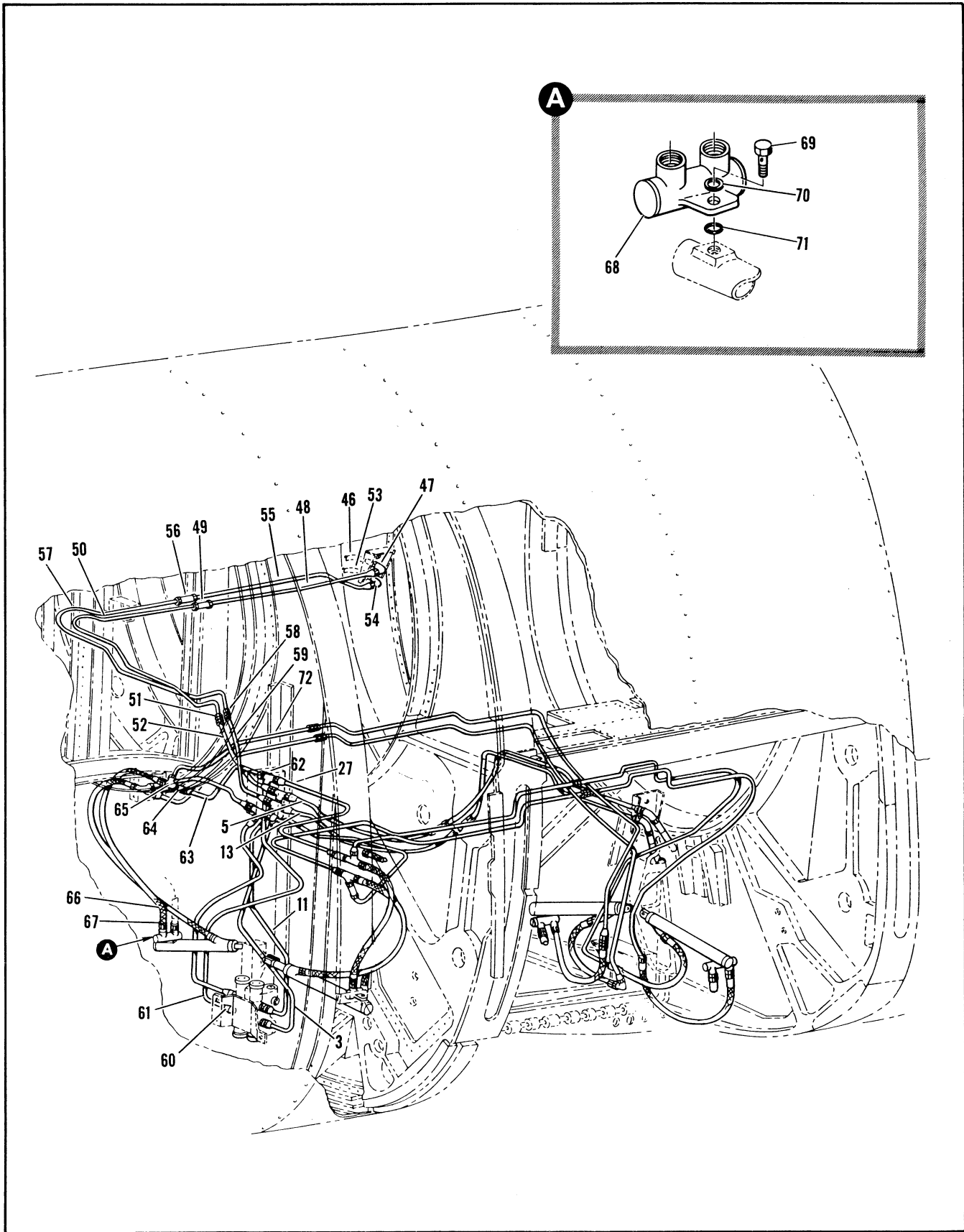


Figure 2.8-16. Main Landing Gear Hydraulic Tubing Installation (Sheet 3 of 4)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.8-16- 46		• HOSE ASSEMBLY 2.15-26 INDEX 9	RF 1	35	
- 47	MS21908D6	• ELBOW	1	35	
	AN924-6D	• NUT	1	35	
	AN960D916	• WASHER	1	35	
- 48	8-80031-135	• TUBE ASSY, MLG DOWN	1	35	48
	8-80031-423	• TUBE ASSY, MLG DOWN	1	49	
- 49	4CV464-70-30	• RESTRICTOR, VALVE <91207> SPEC 8-00247-670	1	35	
- 50	8-80031-133	• TUBE ASSY, MLG DOWN	1	35	
- 51	MS21902D6	• UNION	1	35	
- 52	8-80031-131	• TUBE ASSY, MLG DOWN	1	35	60
	8-80031-545	• TUBE ASSY, MLG DOWN	1	61	
- 53		• HOSE ASSY, SEE FIG. 2.15-26 INDEX 6	RF 1	35	
- 54	MS21908D6	• ELBOW	1	35	
	AN924-6D	• NUT	1	35	
	AN960D916	• WASHER	1	35	
- 55	8-80031-141	• TUBE ASSY, MLG UP	1	35	48
	8-80031-417	• TUBE ASSY, MLG UP	1	49	
- 56	4CV464-70-30	• RESTRICTOR, VALVE <91207> SPEC 8-00247-670	1	35	
- 57	8-80031-139	• TUBE ASSY, MLG UP	1	35	60
	8-80031-585	• TUBE ASSY, MLG UP	1	61	
- 58	MS21902D6	• UNION	1	35	
- 59	8-80031-137	• TUBE ASSY, MLG UP	1	35	60
	8-80031-543	• TUBE ASSY, MLG UP	1	61	
- 60	MS21902D6	• UNION	1	35	
	AN6290-6	• GASKET	1	35	
- 61	8-80031-121	• TUBE ASSY, MLG DOOR OPEN	1	35	60
	8-80031-499	• TUBE ASSY, MLG DOOR OPEN	1	61	
- 62	MS21910D4	• TEE	1	35	
	AN924-4D	• NUT	1	35	
	AN960D716	• WASHER	1	35	
	MS21916D4	• REDUCER	1	35	
	AN6290-4	• GASKET	1	35	
- 63	8-80031-123	• TUBE ASSY, MLG DOOR OPEN	1	35	60
	8-80031-501	• TUBE ASSY, MLG DOOR OPEN	1	61	
- 64	2R2441-3	• RESTRICTOR, VALVE <91207> SPEC 8-08476-404	1	35	
		T.O.9H8-8-20-3			
- 65	MS21911D4	• TEE	1	35	
	AN924-4D	• NUT	1	35	
	AN960D716	• WASHER	1	35	
	AN6290-4	• GASKET	1	35	
- 66	CR295870-4-0143	• HOSE ASSY, FWD <50599> SPEC 8-00358-143	1	35	48
	YR5876-4-C143	• HOSE ASSY, FWD <50599> SPEC 8-00358-143	1	49	
- 67	MS21902D4	• UNION	1	35	
	AN6290-4	• GASKET	1	35	
- 68	385DA1	• VALVE ASSY, SHUTTLE <78062> SPEC 8-00364-1	1	35	
		T.O.9H8-5-51-3			
- 69	8-80208	• BOLT	1	35	
		ATTACHING PARTS			
- 70	MS28775-011	• PACKING	1	35	
- 71	MS28778-4	• GASKET	1	35	
		----X----			

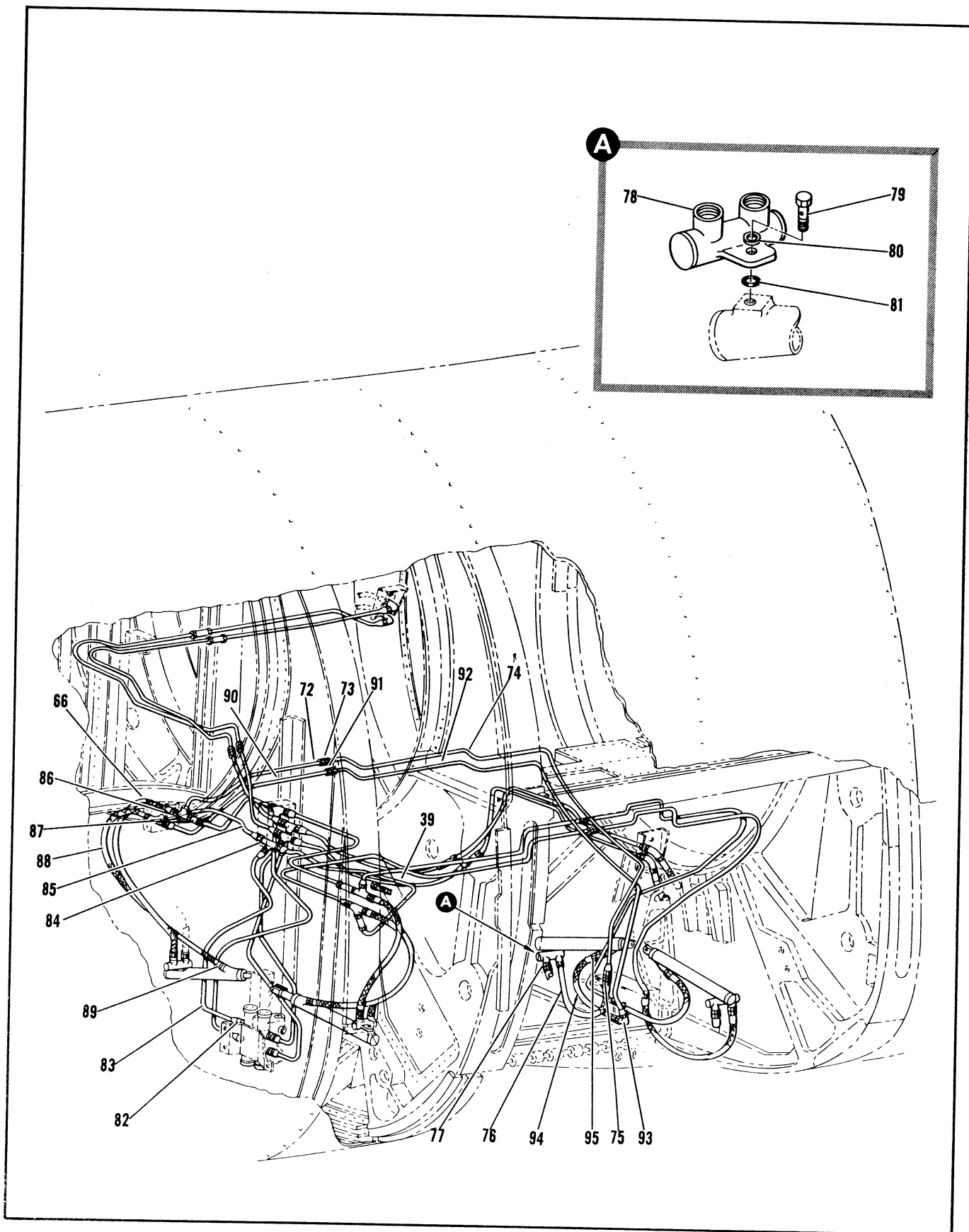


Figure 2.8-16. Main Landing Gear Hydraulic Tubing Installation (Sheet 4 of 4)



FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.8-16- 72	8-80031-281	• TUBE ASSY, MLG DOOR OPEN	1	35	60
	8-80031-503	• TUBE ASSY, MLG DOOR OPEN	1	61	
- 73	MS21902D4	• UNION	1	35	
- 74	8-80031-283	• TUBE ASSY, MLG DOOR OPEN	1	35	60
	8-80031-507	• TUBE ASSY, MLG DOOR OPEN	1	61	
- 75	MS21924D4	• UNION	1	35	
	AN924-4D	• NUT	1	35	
	AN9600716	• WASHER	1	35	
- 76	CR295870-4-0136	• HOSE ASSY, <50599> SPEC 8-00358-136	1	35	
- 77	MS21902D4	• UNION	1	35	
	AN6290-4	• GASKET	1	35	
- 78	385DA1	• VALVE ASSY, SHUTTLE <78062> SPEC 8-00364-1 T.O.9H8-5-51-3 ATTACHING PARTS	1	35	
- 79	8-80208	• BOLT	1	35	
- 80	MS28775-011	• PACKING	1	35	
- 81	MS28778-4	• GASKET	1	35	
		-----X-----			
- 82	MS21902D6	• UNION	1	35	
	AN6290-6	• GASKET	1	35	
- 83	8-80031-125	• TUBE ASSY, MLG DOOR CLOSE	1	35	60
	8-84794-7	• TUBE ASSY, MLG DOOR CLOSE	1		
- 84	MS21910D4	• TEE	1	35	
	AN924-4D	• NUT	1	35	
	AN9600716	• WASHER	1	35	
	MS21916D6-4	• REDUCER	1	35	
	AN6290-6	• GASKET	1	35	
- 85	8-80031-127	• TUBE ASSY, MLG DOOR CLOSE	1	35	60
	8-80031-497	• TUBE ASSY, MLG DOOR CLOSE	1	61	
- 86	2R2441-3	• RESTRICTOR, VALVE <31207> SPEC 8-08476-404 T.O.9H8-8-20-3	1	35	
- 87	MS21910D4	• TEE	1	35	
	AN924-4D	• NUT	1	35	
	AN9600716	• WASHER	1	35	
	AN6290-4	• GASKET	1	35	
- 88	CR295870-4-0180	• HOSE ASSY, FWD <50599> SPEC 8-00358-180	1	35	48
	YR5870-4-0180	• HOSE ASSY, FWD <50599> SPEC 8-00358-180	1	49	
- 89	MS21902D4	• UNION	1	35	
	AN6290-4	• GASKET	1	35	
- 90	8-80031-277	• TUBE ASSY, MLG DOOR CLOSE	1	35	60
	8-80031-505	• TUBE ASSY, MLG DOOR CLOSE	1	61	
- 91	MS21902D4	• UNION	1	35	
- 92	8-80031-337	• TUBE ASSY, MLG DOOR CLOSE	1	35	60
	8-80031-511	• TUBE ASSY, MLG DOOR CLOSE	1	61	
- 93	MS21908D4	• ELBOW	1	35	
	AN924-4D	• NUT	1	35	
	AN9600716L	• WASHER	1	35	
- 94	R295800-4-0122	• HOSE ASSY, <50599> 84-80542-015	1	35	
- 95	MS21902D4	• UNION	1	35	
	AN6290-4	• GASKET	1	35	

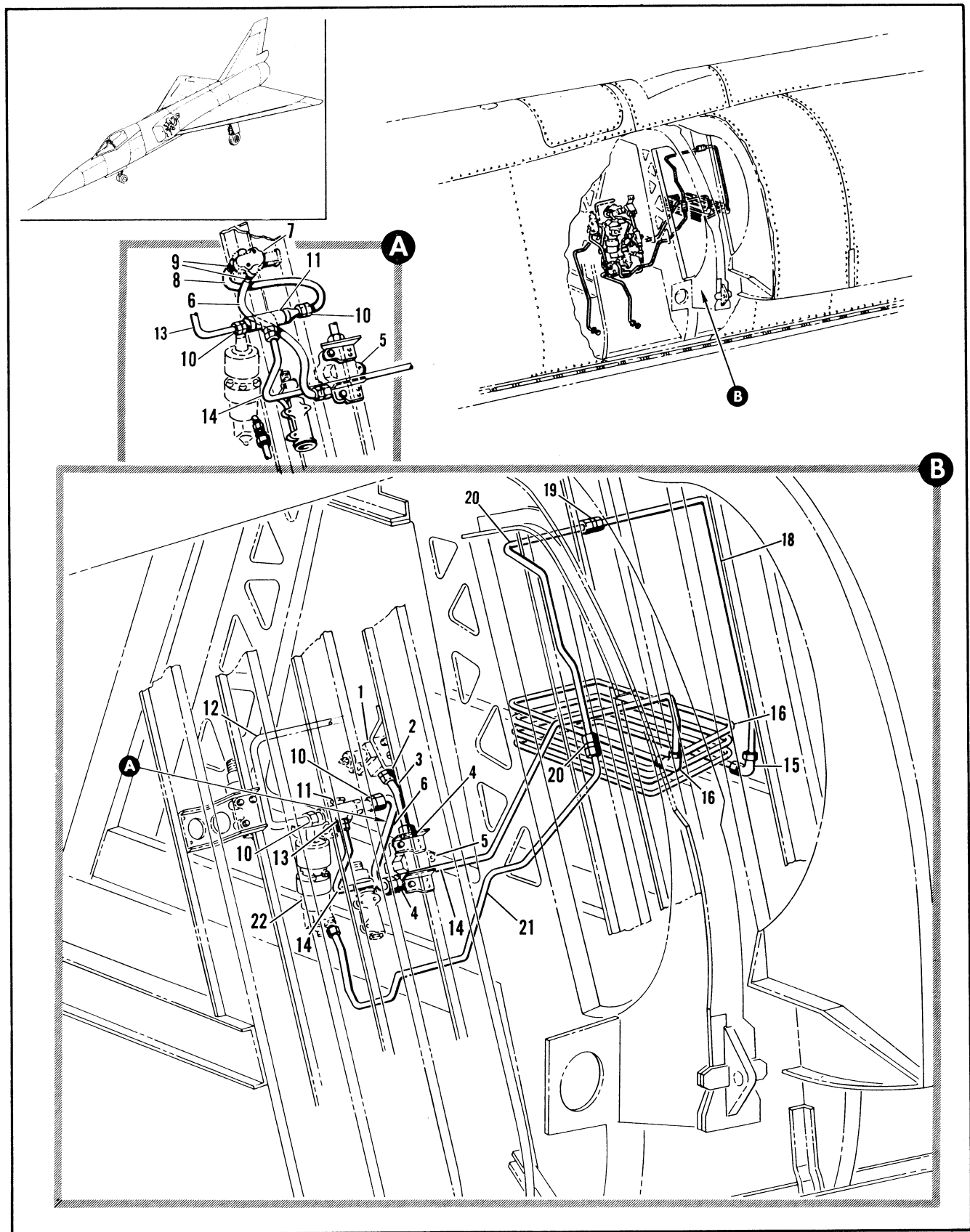


Figure 2.8-17. Variable Air Ramp Hydraulic Tubing Installation (Sheet 1 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.8-17	8-80031-801	TUBING INSTL, VARIABLE AIR RAMP HYDRAULIC MODIFIED BY 66J40297			
	8-80031-803	TUBING INSTL, VARIABLE AIR RAMP HYDRAULIC MODIFIED BY 66J40297			
	8-80031-809	TUBING INSTL, VARIABLE AIR RAMP HYDRAULIC MODIFIED BY 66J40297			
- 1		• VALVE ASSY, HYDRAULIC SHUTOFF STA 308 SEE FIG. 2.11-8 INDEX 5	RF		
- 2	MS2191606-4	• REDUCER	1	35	
	AN6290-6	• GASKET	1	35	
- 3	8-80031-377	• TUBE ASSEMBLY	1	35	
- 4	MS2190204	• UNION	2	35	
	AN6290-4	• GASKET	2	35	
- 5		• VALVE ASSY, VARIABLE AIR RAMP SERVO CONTROL RF STA 308 SEE FIG. 2.11-8 INDEX 10	RF		
- 6	8-80031-601	• TUBE ASSEMBLY	1	189	
- 7		• VALVE ASSY, SOLENOID OPERATED HYDRAULIC CHECK SEE FIG. 2.8-1 INDEX 27	RF		
- 8	8-80031-599	• TUBE ASSEMBLY	1	189	
- 9	MS2190204	• UNION	2	189	
	AN6290-4	• GASKET	2	189	
- 10	MS2190204	• UNION	2	35	
	AN6290-4	• GASKET	2	35	
- 11		• VALVE ASSY, SHUTTLE STA 301 SEE FIG. 2.11-8 INDEX 14	RF		
- 12		• TUBE ASSY, VARIABLE AIR RAMP DRIVE UNIT SEE FIG. 2.9-19 INDEX 12	RF		
- 13	MS2191608-4	• REDUCER	1	35	
	AN6290-4	• GASKET	1	35	
- 14	66A39645-1	• TUBE ASSY	1		
- 15	MS2190208	• UNION	2		
- 16	8-80031-253	• TUBE ASSY	1	35	
- 17	66A39644-1	• TUBE ASSY	1		
- 18	MS2191608-4	• REDUCER	1	35	
- 19	66A39661-1	• TUBE ASSY	1		
- 20	MS2190204	• UNION	1	35	
- 21	8-80031-371	• TUBE ASSEMBLY	1	35	
- 22		• DRIVE UNIT ASSY, VARIABLE AIR RAMP INTAKE DUCT SEE FIG. 2.11-1 INDEX 3	RF		

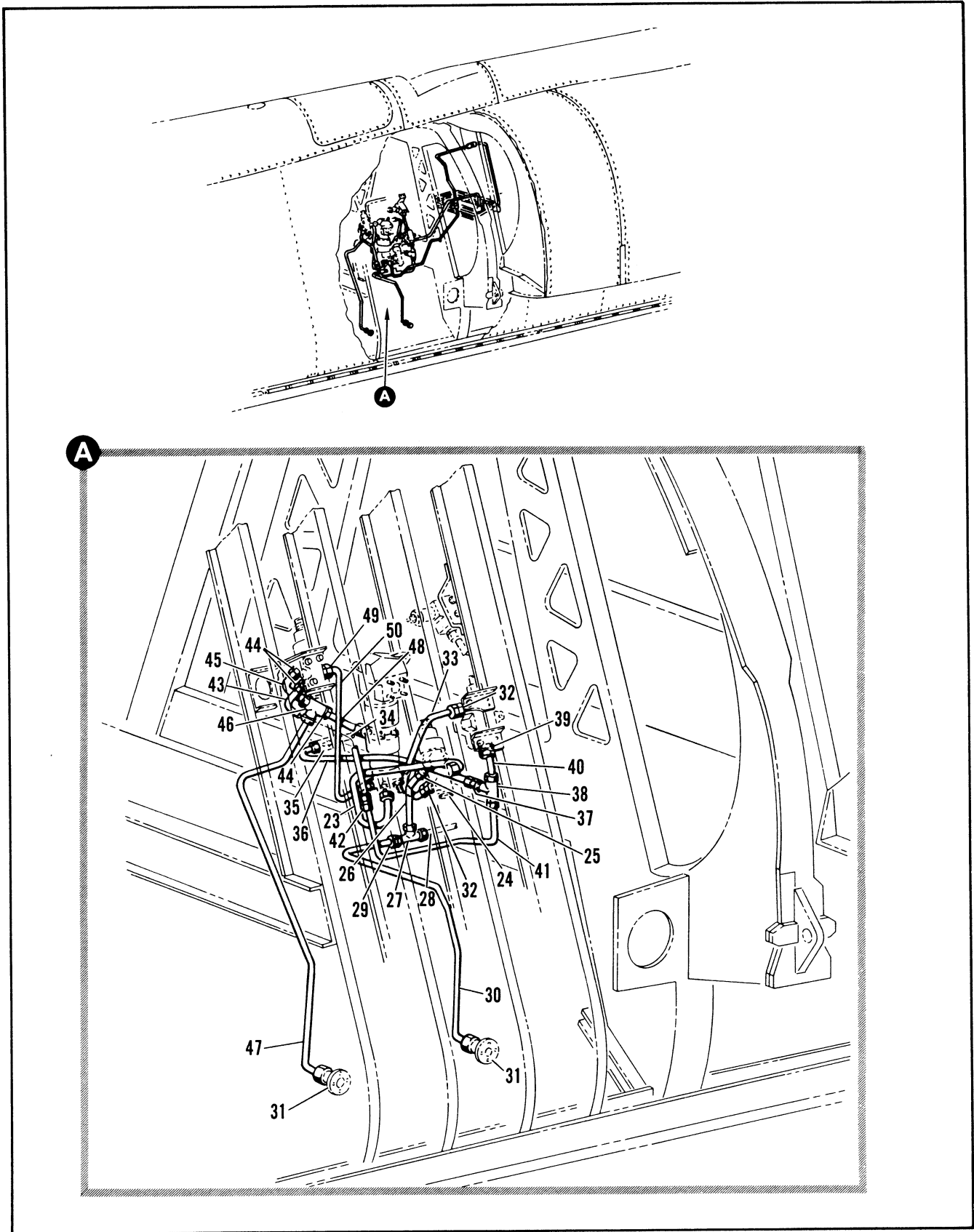


Figure 2.8-17. Variable Air Ramp Hydraulic Tubing Installation (Sheet 2 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.8-17- 23	8-80031-339	• TUBE ASSEMBLY	1	35	
- 24		• VALVE, HYDRAULIC BYPASS STA 287 TO 294 SEE FIG. 2.11-8 INDEX 1	RF		
- 25	MS21916D6-4	• REDUCER	1	35	
	AN6290-6	• GASKET	1	35	
- 26	8-80031-315	• TUBE ASSEMBLY	1	35	
- 27	MS2191106	• TEE	1	35	
- 28		• TUBE ASSY, VARIABLE AIR RAMP VENT SEE FIG. 2.9-18 INDEX 21	RF		
- 29	MS21916D6-4	• REDUCER	1	35	
	AN924-6D	• NUT	1	35	
	AN960D916L	• WASHER	1	35	
	AN6290-6	• GASKET	1	35	
- 30	8-80031-239	• TUBE ASSEMBLY	1	35	
- 31		• FITTING, VARIABLE AIR RAMP SYSTEM DRAIN SEE FIG. 2.3-14 INDEX 10	RF		
- 32	MS21902D4	• UNION	2	35	
	AN6290-4	• GASKET	2	35	
- 33	8-80031-381	• TUBE ASSEMBLY	1	35	
- 34		• TUBE ASSY, SEE FIG. 2.8-8 INDEX 42	RF		
- 35	1112-558951	• VALVE ASSY, CHECK <92003> SPEC 8-08450-306 T.O.9H8-6-6-23	1	35	
- 36	8-80031-227	• TUBE ASSEMBLY	1	35	
- 37	MS21902D4	• UNION	3	35	
- 38	MS21910D4	• TEE	1	35	
	AN924-4D	• NUT	1	35	
	AN960D716L	• WASHER	1	35	
- 39	MS21916D6-4	• REDUCER	1	35	
	AN6290-4	• GASKET	1	35	
- 40	8-80031-231	• TUBE ASSEMBLY	1	35	
- 41	8-80031-261	• TUBE ASSEMBLY	1	35	
- 42	MS21902D4	• UNION	1	35	
	AN6290-4	• GASKET	1	35	
- 43	8-80031-263	• TUBE ASSEMBLY	1	35	
- 44	MS21916D6-4	• REDUCER	2	35	
	AN6290-4	• GASKET	2	35	
- 45	8-80031-311	• TUBE ASSEMBLY	1	35	
- 46	MS2191106	• TEE	1	35	
- 47	8-80031-249	• TUBE ASSEMBLY	1	35	
- 48	8-80031-307	• TUBE ASSEMBLY	1	35	
- 49	MS21902D4	• UNION	1	35	
	AN6290-4	• GASKET	1	35	
- 50	8-80031-317	• TUBE ASSEMBLY	1	35	

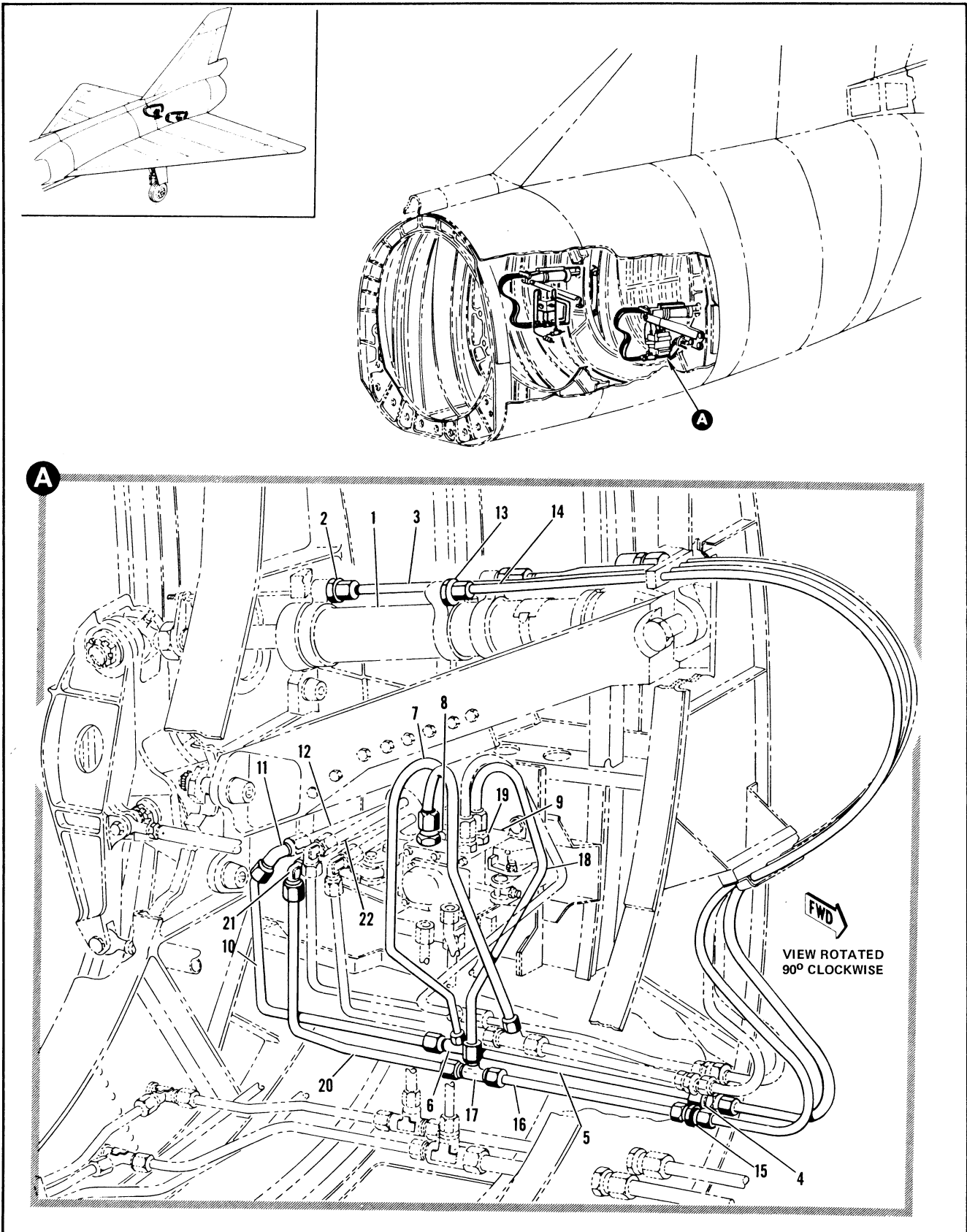


Figure 2.8-18. Elevon Actuator Hydraulic Tubing Installation Sta 556 to 605 (Sheet 1 of 4)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.8-18	8-80030-5	TUBING INSTALLATION, ELEVON ACTUATOR HYDRAULIC STA 556 TO 605 MODIFIED BY 8-80134	1	A	
	8-80030	TUBING INSTALLATION, ELEVON ACTUATOR HYDRAULIC STA 556 TO 605 MODIFIED BY 8-80134	1	278	287
	8-80030-1	TUBING INSTALLATION, ELEVON ACTUATOR HYDRAULIC STA 556 TO 605 MODIFIED BY 8-80134	1	288	293
	8-80030-3	TUBING INSTALLATION, ELEVON ACTUATOR HYDRAULIC STA 556 TO 605 MODIFIED BY 8-80134	1	294	303
- 1		• ACTUATOR ASSY, ELEVON OUTBOARD SEE FIG. 2.14-11 INDEX 35	RF		
- 2	MS21902-6C	• UNION	1	35	
	AN6290-6	• GASKET	1	35	
- 3	8-81401	• TUBE ASSEMBLY	1	35	
- 4	MS21903D6	• UNION	1	35	
	AN924	• NUT	1	35	
	AN960-916L	• WASHER	1	35	
- 5	8-80030-137	• TUBE ASSEMBLY	1	35	
- 6	MS21905D6	• TEE	1	35	
- 7	8-80030-359	• TUBE ASSEMBLY	1	C	
- 8	MS21902D6	• UNION	1	35	
	AN6290-6	• GASKET	1	35	
- 9		• VALVE ASSY, ELEVON CONTROL SEE FIG. 2.14-11 INDEX 32	RF		
- 10	8-80030-167	• TUBE ASSY, LH	1	35	
- 11	MS21904D6	• ELBOW	1	35	
- 12		• TUBE ASSY, LH SEE FIG. 2.8-19 INDEX 2	RF		
- 13	MS21902-6C	• UNION	1	35	
	AN6290-6	• GASKET	1	35	
- 14	8-81403	• TUBE ASSEMBLY	1	35	
- 15	MS21903D6	• UNION	1	35	
	AN924-6	• NUT	1	35	
	AN960-916L	• WASHER	1	35	
- 16	8-80030-135	• TUBE ASSEMBLY	1	35	
- 17	MS21905D6	• TEE	1	35	
- 18	8-80030-205	• TUBE ASSEMBLY	1	35	
- 19	MS21902D6	• UNION	1	35	
	AN6290-6	• GASKET	1	35	
- 20	8-80030-169	• TUBE ASSY, LH	1	35	
- 21	MS21904D6	• ELBOW	1	35	
- 22		• TUBE ASSY, LH SEE FIG. 2.8-19 INDEX 45	RF		
		A AIRPLANES #35 THRU 277, 304 AND 305 B AIRPLANES #75 THRU 47 AND 49 THRU 89 C AIRPLANES #48, 90 AND ON			

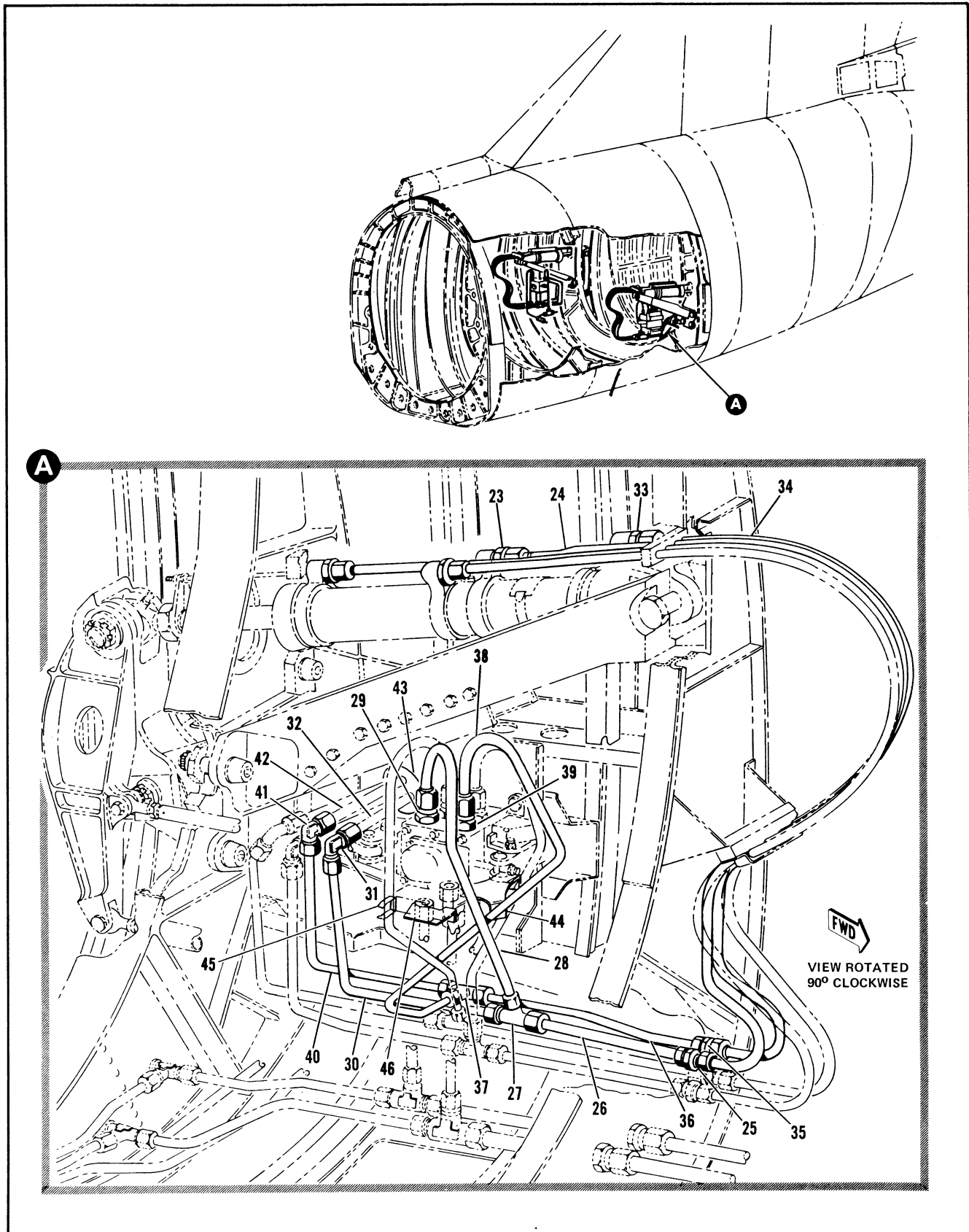


Figure 2.8-18. Elevon Actuator Hydraulic Tubing Installation Sta 556 to 605 (Sheet 2 of 4)



FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.8-18- 23	MS21902-6C	• UNION	1	35	
	AN6290-6	• GASKET	1	35	
- 24	8-81405	• TUBE ASSEMBLY	1	35	
- 25	MS21903D6	• UNION	1	35	
	AN924-6	• NUT	1	35	
	AN960-916L	• WASHER	1	35	
- 26	8-80030-139	• TUBE ASSEMBLY	1	35	
- 27	MS21905D6	• TEE	1	35	
- 28	8-80030-357	• TUBE ASSEMBLY	1	C	
- 29	MS21902D6	• UNION	1	35	
	AN6290-6	• GASKET	1	35	
- 30	8-80030-165	• TUBE ASSY, LH	1	35	
- 31	MS21904D6	• ELBOW	1	35	
- 32		• TUBE ASSY, LH SEE FIG. 2.8-19 INDEX 27	RF		
- 33	MS21902-6C	• UNION	1	35	
	AN6290-6	• GASKET	1	35	
- 34	8-81407	• TUBE ASSEMBLY	1	35	
- 35	MS21903D6	• UNION	1	35	
	AN924-6	• NUT	1	35	
	AN960-916L	• WASHER	1	35	
- 36	8-80030-141	• TUBE ASSEMBLY	1	35	
- 37	MS21905D6	• TEE	1	35	
- 38	8-80030-361	• TUBE ASSEMBLY	1	189	
- 39	MS21902D6	• UNION	1	35	
	AN6290-6	• GASKET	1	35	
- 40	8-80030-163	• TUBE ASSY, LH	1	35	
- 41	MS21904D6	• ELBOW	1	35	
- 42		• TUBE ASSY, LH SEE FIG. 2.8-19 INDEX 37	RF		
- 43	4289	• GROMMET, <84914> SPEC 8-00434-3	1	35	
- 44	8-69004-495	• BRACKET ASSY, RIVETED	1	189	
- 45	8-28964-167	• BRACKET ASSY, RIVETED	1	C	
- 46	8-69013-387	• BRACKET	1	C	
		B AIRPLANES #35 THRU 47 AND 49 THRU 89			
		C AIRPLANES #48, 90 AND ON			

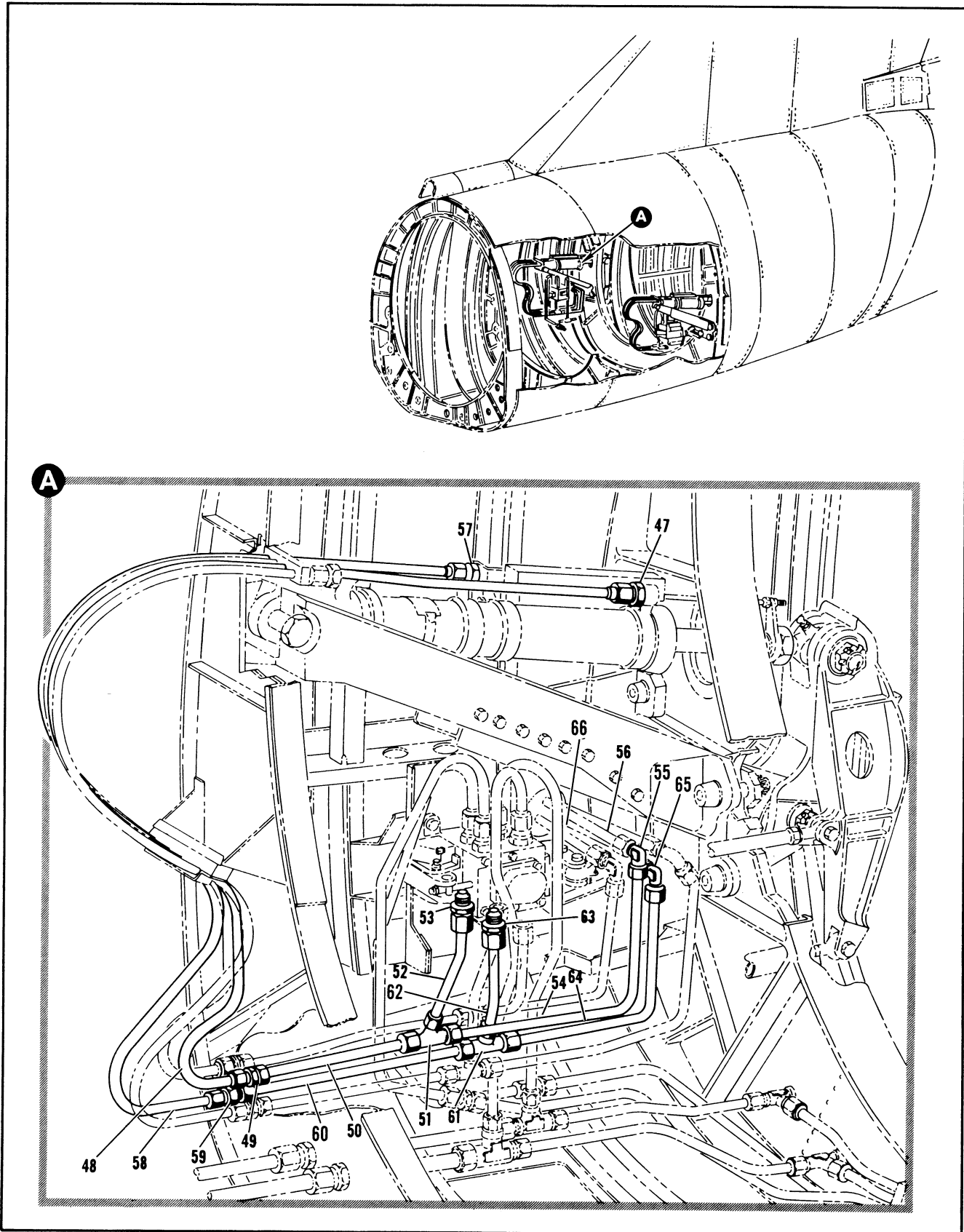


Figure 2.8-18. Elevon Actuator Hydraulic Tubing Installation Sta 556 to 605 (Sheet 3 of 4)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.8-18- 47	MS21902-6C	• UNION	1	35	
	AN6290-6	• GASKET	1	35	
- 48	8-81401	• TUBE ASSEMBLY	1	35	
- 49	MS21903D6	• UNION	1	35	
	AN924-6	• NUT	1	35	
	AN960-916	• WASHER	1	35	
- 50	8-80030-157	• TUBE ASSEMBLY	1	35	
- 51	MS21905D6	• TEE	1	35	
- 52	8-80030-143	• TUBE ASSEMBLY	1	35	
- 53	MS21903D6	• UNION	1	35	
	AN924-6D	• NUT	1	35	
	AN960D916L	• WASHER	1	35	
	AN6290-6	• GASKET	1	35	
- 54	8-80030-171	• TUBE ASSY, RH	1	35	
- 55	MS21904D6	• ELBOW	1	35	
- 56		• TUBE ASSY, RH SEE FIG. 2.8-19 INDEX 55	PF		
- 57	MS21902-6C	• UNION	1	35	
	AN6290-6	• GASKET	1	35	
- 58	8-81403	• TUBE ASSEMBLY	1	35	
- 59	MS21903D6	• UNION	1	35	
	AN924-6	• NUT	1	35	
	AN960-916	• WASHER	1	35	
- 60	8-80030-159	• TUBE ASSEMBLY	1	35	
- 61	MS21905D6	• TEE	1	35	
- 62	8-80030-145	• TUBE ASSEMBLY	1	35	
- 63	MS21902D6	• UNION	1	35	
	AN6290-6	• GASKET	1	35	
- 64	8-80030-173	• TUBE ASSY, RH	1	35	
- 65	MS21904D6	• ELBOW	1	35	
- 66		• TUBE ASSY, RH SEE FIG. 2.8-19 INDEX 81	PF		

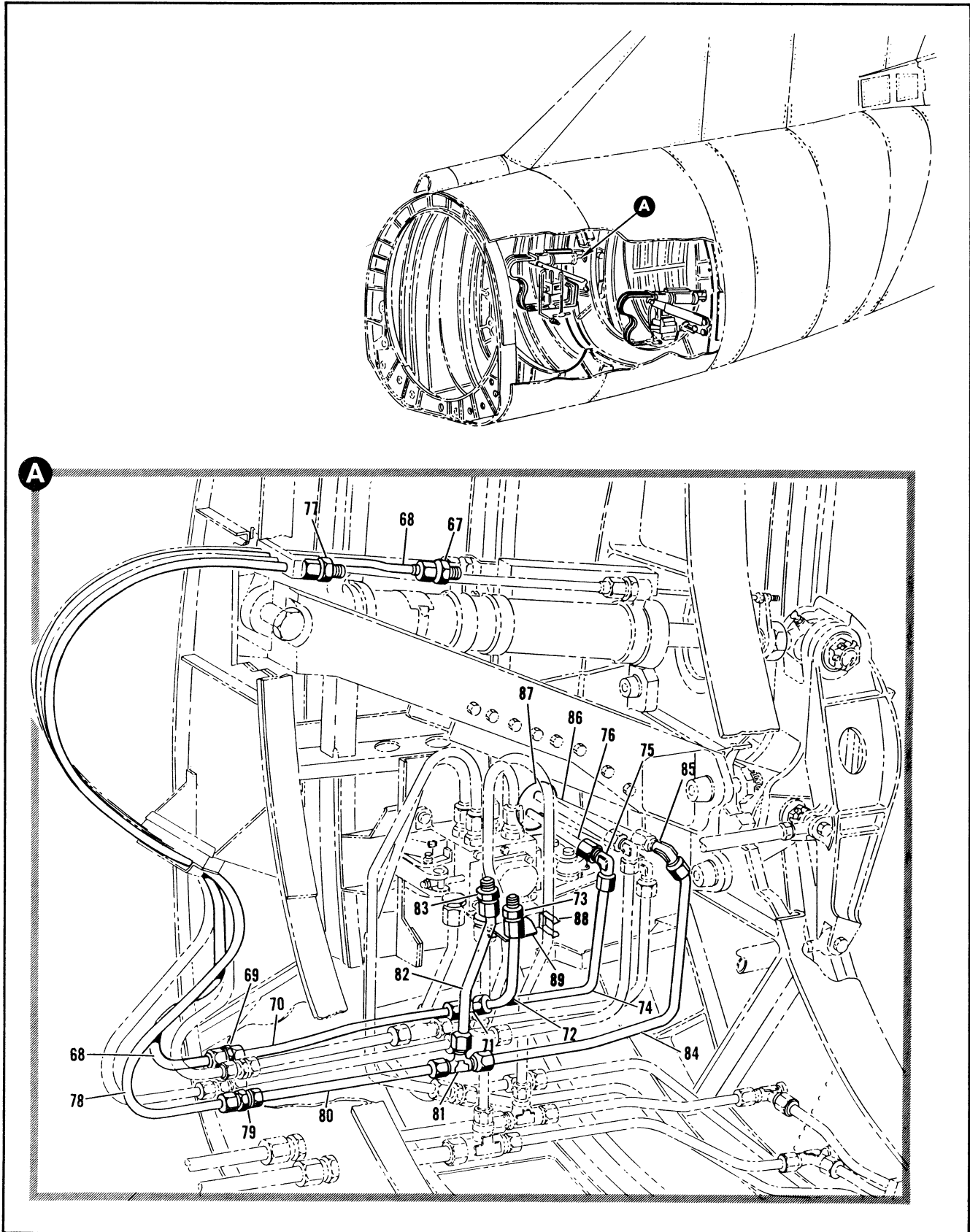


Figure 2.8-18. Elevon Actuator Hydraulic Tubing Installation Sta 556 to 605 (Sheet 4 of 4)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.8-18- 67	MS21902-60	• UNION	1	35	
	AN6290-6	• GASKET	1	35	
- 68	8-81405	• TUBE ASSEMBLY	1	35	
- 69	MS2190306	• UNION	1	35	
	AN924-6	• NUT	1	35	
	AN960-916	• WASHER	1	35	
- 70	8-80030-161	• TUBE ASSEMBLY	1	35	
- 71	MS2190506	• TEE	1	35	
- 72	8-80030-149	• TUBE ASSEMBLY	1	35	
- 73	MS2190306	• UNION	1	35	
	AN924-60	• NUT	1	35	
	AN960916L	• WASHER	1	35	
	AN6290-6	• GASKET	1	35	
- 74	8-80030-207	• TUBE ASSY, RH	1	35	
- 75	MS2190406	• ELBOW	1	35	
- 76		• TUBE ASSY, RH SEE FIG. 2.8-19 INDEX 91	RF		
- 77	MS21902-60	• UNION	1	35	
	AN6290-6	• GASKET	1	35	
- 78	8-81407	• TUBE ASSEMBLY	1	35	
- 79	MS2190306	• UNION	1	35	
	AN924-6	• NUT	1	35	
	AN960-916	• WASHER	1	35	
- 80	8-80030-155	• TUBE ASSEMBLY	1	35	
- 81	MS2190506	• TEE	1	35	
- 82	8-80030-147	• TUBE ASSEMBLY	1	35	
- 83	MS2190206	• UNION	1	35	
	AN6290-6	• GASKET	1	35	
- 84	8-80030-177	• TUBE ASSY, RH	1	35	
- 85	MS2190406	• ELBOW	1	35	
- 86		• TUBE ASSY, RH SEE FIG. 2.8-19 INDEX 100	RF		
- 87	4289	• GROMMET, <84914> SPEC 8-10434-3	1	35	
- 88	8-28964-171	• BRACKET ASSY, RIVETED	1	C	
- 89	8-69013-389	• BRACKET	1	C	
		B AIRPLANES #35 THRU 47 AND 49 THRU 89			
		C AIRPLANES #48, 90 AND ON			

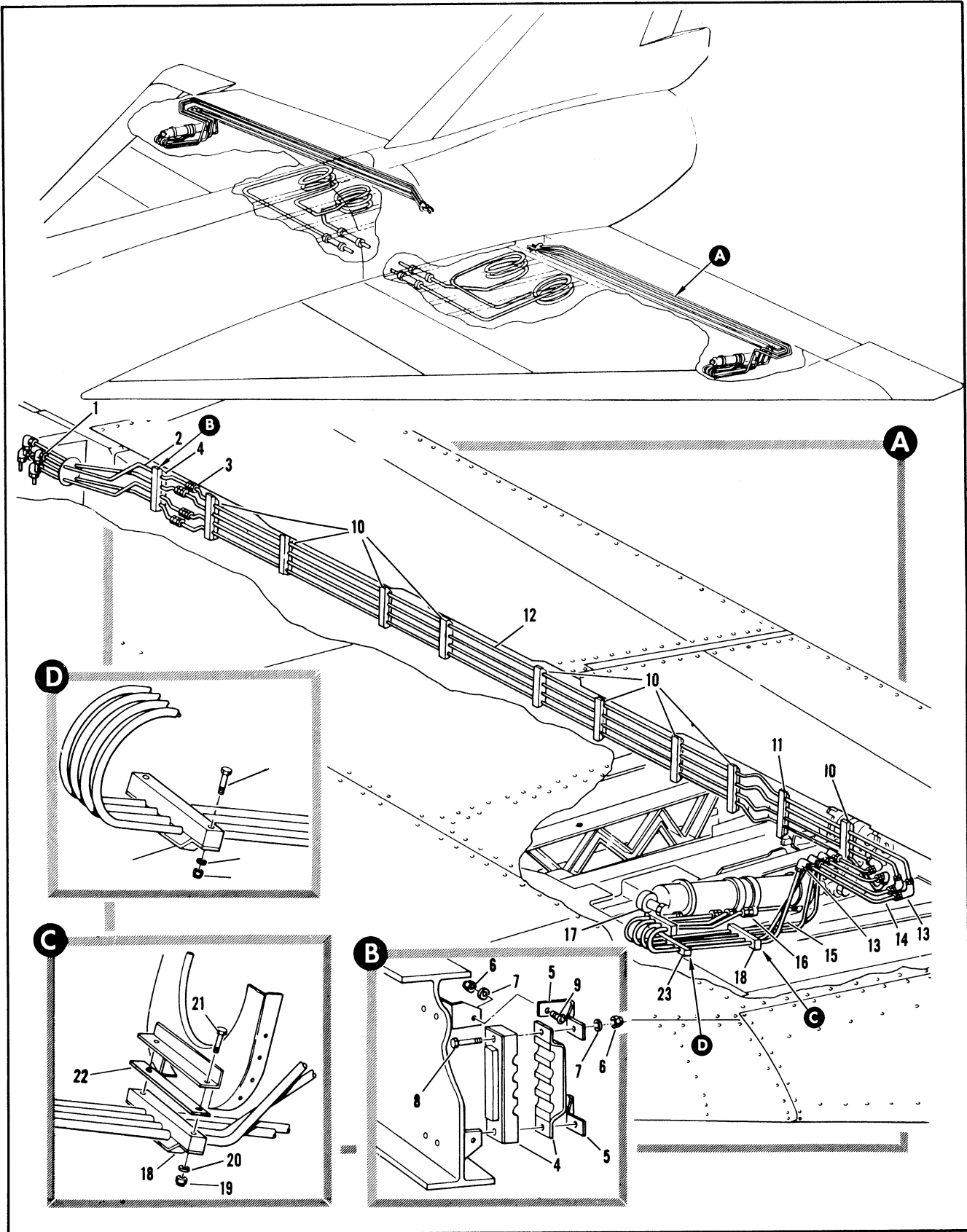


Figure 2.8-19. Wing Elevon Hydraulic Tubing Installation (Sheet 1 of 5)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.8-19	8-80029	TUBING INSTALLATION, WING ELEVON HYDRAULIC LH MODIFIED BY 8-80133 AND 8-80125 FOR NHA SEE FIG. 2.6-32	RF	35	
	8-80029-1	TUBING INSTALLATION, WING ELEVON HYDRAULIC RH MODIFIED BY 8-80133 AND 8-80125 FOR NHA SEE FIG. 2.6-32	RF	35	
- 1		• TUBE ASSY, LH SEE FIG. 2.8-18 INDEX 10	RF		
- 2	8-80029-57	• TUBE ASSY, LH	1	35	
- 3	MS21902D6	• UNION, LH	1	35	
- 4	TA6LS52	• SUPPORT, TUBE LH <84971> 98-61200-002	1	35	
- 5	8-80003-9	• CLIP, LH	2	35	
		ATTACHING PARTS			
- 6	NAS679A3	• NUT	4	35	
- 7	AN960D10L	• WASHER	4	35	
- 8	AN3-6A	• BOLT	2	35	
- 9	AN526-1032R6	• SCREW	2	35	
		-----X-----			
- 10	TA6LS51	• SUPPORT, TUBE LH <84971> 98-61200-001	9	35	
- 11	TA6LS53	• SUPPORT, TUBE LH <84971> 98-61200-003	1	35	
		ATTACHING PARTS			
	NAS679A3	• NUT	20	35	
	AN960D10L	• WASHER	20	35	
	AN3-6A	• BOLT	20	35	
		-----X-----			
- 12	8-80029-21	• TUBE ASSY, LH	1	35	
- 13	MS21908D6	• ELBOW, LH	2	35	
	AN924-6D	• NUT, LH	2	35	
	AN960D916L	• WASHER, LH	2	35	
- 14	8-80029-7	• TUBE ASSY, LH	1	35	
- 15	8-82111	• TUBE ASSY, OUTBD ELEVON LH	1	35	
- 16	MS21902-6C	• UNION, LH	1	35	
	AN6290-6	• GASKET, LH	1	35	
- 17		• ACTUATOR ASSY, ELEVON SEE FIG. 2.14-11 INDEX 21	RF		
- 18	TA6LS53	• SUPPORT, TUBE LH <84971> 98-61200-003	1	35	
		ATTACHING PARTS			
- 19	NAS679A3	• NUT	2	35	
- 20	AN960D10L	• WASHER	2	35	
- 21	AN3-7A	• BOLT	2	35	
		-----X-----			
- 22	8-80029-82	• FILLER, LH	1	189	
- 23	TA6LS52	• SUPPORT, TUBE LH <84971> 98-61200-002	1	35	
		ATTACHING PARTS			
- 24	NAS679A3	• NUT	2	35	
- 25	AN960D10L	• WASHER	2	35	
- 26	AN3-5A	• BOLT	2	35	
		-----X-----			

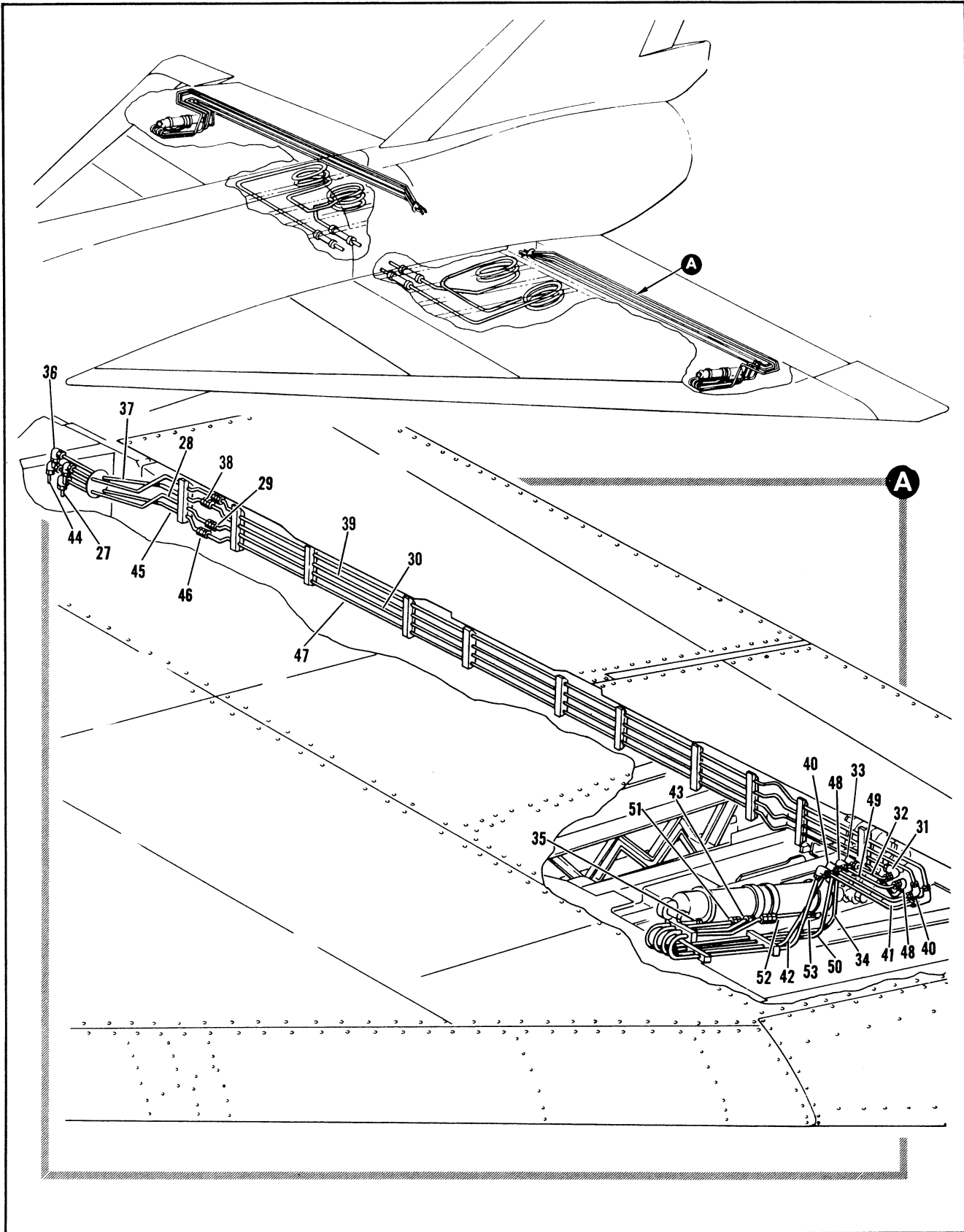


Figure 2.8-19. Wing Elevon Hydraulic Tubing Installation (Sheet 2 of 5)



FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.8-19- 54		• TUBE ASSY, RH SEE FIG. 2.8-18 INDEX 54	RF		
- 55	8-80029-53	• TUBE ASSY, RH	1	35	
- 56	MS21902D6	• UNION, RH	1	35	
- 57	TA6LS52	• SUPPORT, TUBE RH <84971> 98-61200-002	1	35	
- 58	8-80003-9	• CLIP, RH	2	35	
		ATTACHING PARTS			
- 59	NAS679A3	• NUT	4	35	
- 60	AN960D10L	• WASHER	4	35	
- 61	AN3-6A	• BOLT	2	35	
- 62	AN526-1032R6	• SCREW	2	35	
		-----X-----			
- 63	TA6LS51	• SUPPORT, TUBE RH <84971> 98-61200-001	9	35	
- 64	TA6LS53	• SUPPORT, TUBE RH <84971> 98-61200-003	1	35	
		ATTACHING PARTS			
	NAS679A3	• NUT	20	35	
	AN960D10L	• WASHER	20	35	
	AN3-6A	• BOLT	20	35	
		-----X-----			
- 65	8-80029-21	• TUBE ASSY, RH	1	35	
- 66	MS21908D6	• ELBOW, RH	1	35	
	AN924-6D	• NUT,	1	35	
	AN960D916L	• WASHER,	1	35	
- 67	8-80029-43	• TUBE ASSY, RH	1	35	
- 68	MS21903D6	• UNION, RH	1	35	
	AN924-6D	• NUT	1	35	
	AN960D916L	• WASHER	1	35	
- 69	8-82112	• TUBE ASSY, OUTBD ELEVON RH	1	35	
- 70	MS21902-6C	• UNION, RH	1	35	
	AN6290-6	• GASKET, RH	1	35	
- 71	TA6LS53	• SUPPORT, TUBE RH <84971> 98-61200-003	1	35	
		ATTACHING PARTS			
- 72	NAS679A3	• NUT	2	35	
- 73	AN960D10L	• WASHER	2	35	
- 74	AN3-7A	• BOLT	2	35	
		-----X-----			
- 75	8-80029-83	• FILLER, RH	1	189	
- 76	TA6LS52	• SUPPORT, TUBE RH <84971> 98-61200-002	1	35	
		ATTACHING PARTS			
- 77	NAS679A3	• NUT	2	35	
- 78	AN960D10L	• WASHER	2	35	
- 79	AN3-5A	• BOLT	2	35	
		-----X-----			

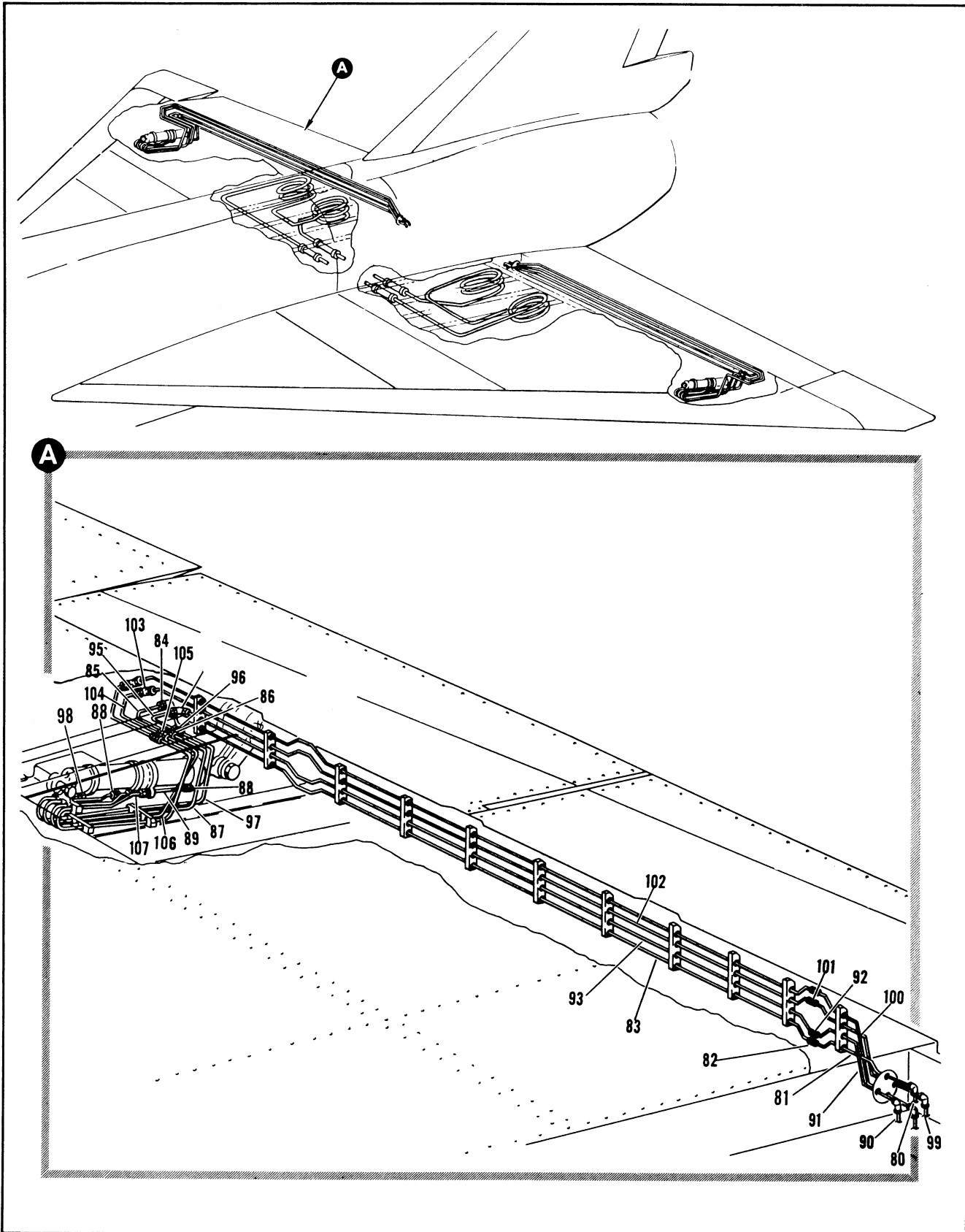


Figure 2.8-19. Wing Elevon Hydraulic Tubing Installation (Sheet 4 of 5)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.8-19- 80		• TUBE ASSY, RH SEE FIG. 2.8-18 INDEX 64	RF		
- 81	8-80029-31	• TUBE ASSY, RH	1	35	
- 82	MS21902D6	• UNION, RH	1	35	
- 83	8-80029-15	• TUBE ASSY, RH	1	35	
- 84	MS21908D6	• ELBOW, RH	1	35	
	AN924-6D	• NUT, RH	1	35	
	AN960D916L	• WASHER, RH	1	35	
- 85	8-80029-47	• TUBE ASSY, RH	1	35	
- 86	MS21903D6	• UNION, RH	1	35	
	AN924-6D	• NUT, RH	1	35	
	AN960D916L	• WASHER, RH	1	35	
- 87	8-82108-1	• TUBE ASSY, OUTBD ELEVON RH	1	35	
- 88	MS21902-6C	• UNION, RH	2	35	
	AN6290-6	• GASKET, RH	2	35	
- 89	8-82113	• TUBE ASSY, OUTBD ELEVON RH	1	35	
- 90		• TUBE ASSY, RH SEE FIG. 2.8-18 INDEX 74	RF		
- 91	8-80029-39	• TUBE ASSY, RH	1	35	
- 92	MS21902D6	• UNION, RH	1	35	
- 93	8-80029-17	• TUBE ASSY, RH	1	35	
- 94	MS21908D6	• ELBOW, RH	1	35	
	AN924-6D	• NUT, RH	1	35	
	AN960D916L	• WASHER, RH	1	35	
- 95	8-80029-49	• TUBE ASSY, RH	1	35	
- 96	MS21903D6	• UNION, RH	1	35	
	AN924-6D	• NUT, RH	1	35	
	AN960D916L	• WASHER, RH	1	35	
- 97	8-82106	• TUBE ASSY, OUTBD ELEVON RH	1	35	
- 98	MS21902-6C	• UNION, RH	1	35	
	AN6290-6	• GASKET, RH	1	35	
- 99		• TUBE ASSY, RH SEE FIG. 2.8-17 INDEX 84	RF		
-100	8-80029-41	• TUBE ASSY, RH	1	35	
-101	MS21902D6	• UNION, RH	1	35	
-102	8-80029-19	• TUBE ASSY, RH	1	35	
-103	MS21908D6	• ELBOW, RH	1	35	
	AN924-6D	• NUT, RH	1	35	
	AN960D916L	• WASHER, RH	1	35	
-104	8-80029-45	• TUBE ASSY, RH	1	35	
-105	MS21903D6	• UNION, RH	1	35	
	AN924-6D	• NUT, RH	1	35	
	AN960D916L	• WASHER, RH	1	35	
-106	8-82110	• TUBE ASSY, OUTBD ELEVON RH	1	35	
-107	MS21902-6C	• UNION, RH	1	35	
	AN6290-6	• GASKET, RH	1	35	

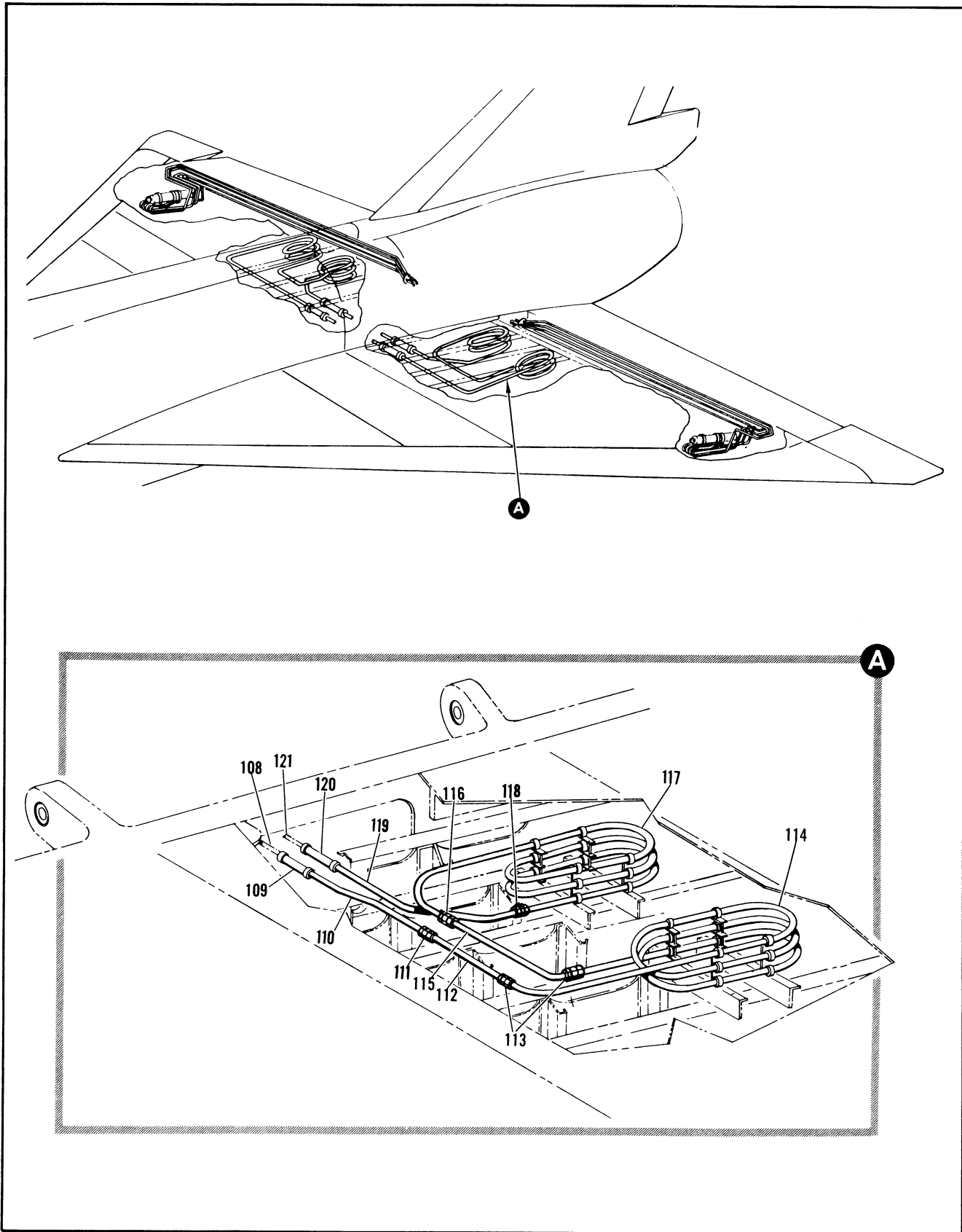


Figure 2.8-19. Wing Elevon Hydraulic Tubing Installation (Sheet 5 of 5)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.8-19-108		• TUBE ASSY, LH SEE FIG. 2.8-11 INDEX 52	RF		
-109		• FITTING, SEE FIG. 2.8-1 INDEX 76	RF		
-110	8-80029-69	• TUBE ASSY, LH	1	35	
	8-80029-81	• TUBE ASSY, RH	1	35	
-111	MS21903D10	• UNION	1	35	
	AN924-100	• NUT	1	35	
-112	8-80029-67	• TUBE ASSY, LH	1	35	
	8-80029-79	• TUBE ASSY, RH	1	35	
-113	MS21902D10	• UNION	2	35	
-114	8-80029-65	• TUBE ASSY, LH	1	35	
	8-80029-77	• TUBE ASSY, RH	1	35	
-115	8-80029-63	• TUBE ASSY, LH	1	35	
	8-80029-75	• TUBE ASSY, RH	1	35	
-116	MS21903D10	• UNION	1	35	
	AN924-100	• NUT	1	35	
-117	8-80029-61	• TUBE ASSY, LH	1	35	
	8-80029-73	• TUBE ASSY, RH	1	35	
-118	MS21902D10	• UNION	1	35	
-119	8-80029-59	• TUBE ASSY, LH	1	35	
	8-80029-71	• TUBE ASSY, RH	1	35	
-120		• FITTING, SEE FIG. 2.8-1 INDEX 76	RF		
-121		• TUBE ASSY, LH SEE FIG. 2.8-11 INDEX 53	RF		

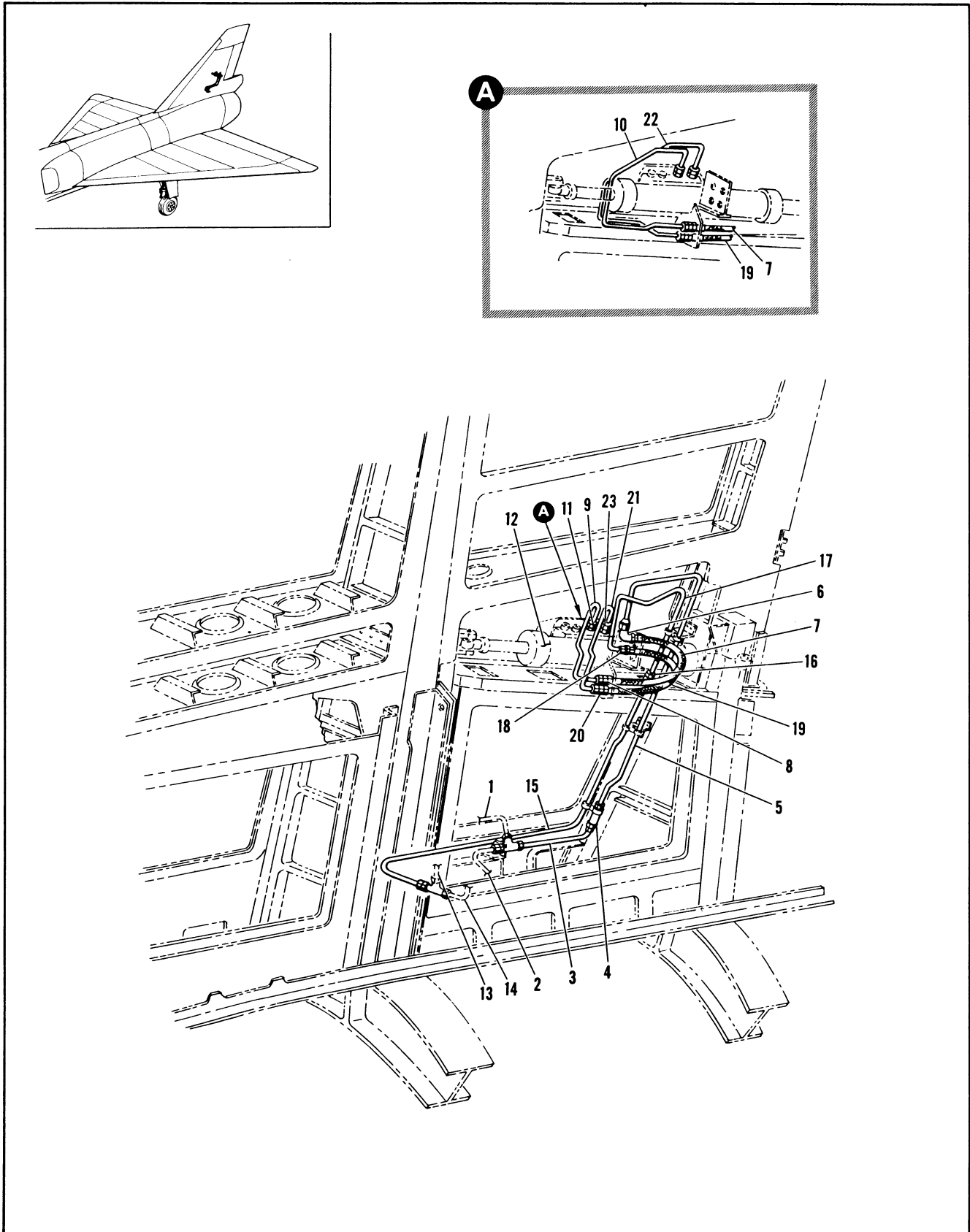


Figure 2.8-20. Rudder Actuator Hydraulic Tubing Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.8-20	8-80024	TUBING INSTALLATION, RUDDER ACTUATOR HYDRAULIC MODIFIED BY 8-80131-5 FOR NHA SEE FIG. 2.7-6	RF	35	
- 1		• TUBE ASSY, SEE FIG. 2.8-13 INDEX 35	RF		
- 2		• TUBE ASSY, SEE FIG. 2.8-13 INDEX 30	RF		
- 3	8-80024-171	• TUBE ASSEMBLY	1	35	
- 4	MS21902D4	• UNION	1	35	
- 5	8-80024-173	• TUBE ASSEMBLY	1	35	
- 6	MS21907D4	• ELBOW	1	35	
	AN924-4D	• NUT	1	35	
- 7	CR295870CC4-0156	• HOSE ASSY	1	35	
- 8	MS21903D4	• UNION	1	35	
	AN924-4D	• NUT	1	35	
- 9	8-80024-159	• TUBE ASSY, PRIMARY PRESSURE	1	35	60
- 10	8-80024-181	• TUBE ASSY, PRIMARY PRESSURE	1	61	129
	8-80024-201	• TUBE ASSY, PRIMARY PRESSURE	1	130	
- 11	MS21902D4	• UNION	1	35	
	AN6290-4	• GASKET	1	35	
- 12		• ACTUATOR ASSY, SERVO VALVE CONTROL RUDDER SEE FIG. 2.14-44 INDEX 2	RF		
- 13		• TUBE ASSY, SEE FIG. 2.8-13 INDEX 44	RF		
- 14		• TUBE ASSY, SEE FIG. 2.8-13 INDEX 48	RF		
- 15	8-80024-43	• TUBE ASSEMBLY	1	35	
- 16	MS21902D4	• UNION	1	35	
- 17	8-80024-169	• TUBE ASSEMBLY	1	35	
- 18	MS21903D4	• UNION	1	35	
	AN924-4D	• NUT	1	35	
- 19	CR295870CC4-0156	• HOSE ASSY	1	35	
- 20	MS21903D4	• UNION	1	35	
	AN924-4D	• NUT	1	35	
- 21	8-80024-161	• TUBE ASSY, PRIMARY RETURN	1	35	60
- 22	8-80024-183	• TUBE ASSY, PRIMARY RETURN	1	61	
	8-80024-203	• TUBE ASSY, PRIMARY RETURN	1	130	
- 23	MS21902D4	• UNION	1	35	
	AN6290-4	• GASKET	1	35	

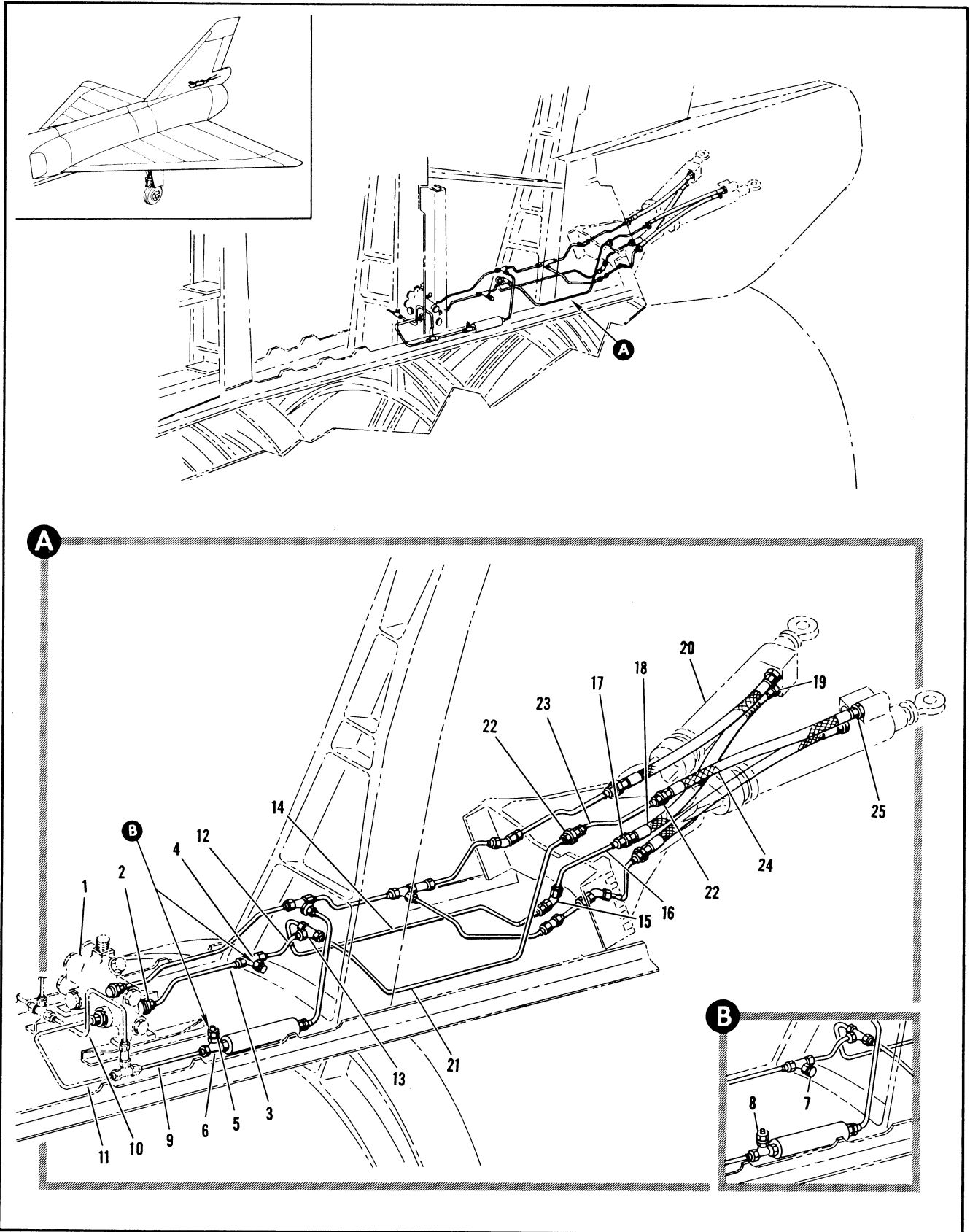


Figure 2.8-21. Speed Brake Hydraulic Tubing Installation (Sheet 1 of 2)



FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.8-21	8-80024	TUBING INSTALLATION, SPEED BRAKE HYDRAULIC MODIFIED BY 8-80131-5 FOR NHA SEE FIG. 2.7-6	RF	35	
- 1		• VALVE ASSY, SELECTOR SPEED BRAKE CONTROL SEE FIG. 2.3-14 INDEX 23	RF		
- 2	MS21916D6-4	• REDUCER	1	35	
	AN6290-6	• GASKET	1	35	
- 3	8-80024-107	• TUBE ASSEMBLY	1	35	
- 4	MS21910D4	• TEE	1	35	
	AN924-4D	• NUT	1	35	
	AN963D716	• WASHER	1	35	
	AN6290-4	• GASKET	1	35	
- 5	MS21916D6-4	• REDUCER	1	35	
- 6	MS21910D6	• TEE	1	35	
	AN924-6D	• NUT	1	35	
	AN963D916	• WASHER	1	35	
	AN6290-6	• GASKET	2	35	
- 7	MS21913D4	• PLUS	1	35	
- 8	MS21914D4	• CAP	1	35	
- 9	8-80024-95	• TUBE ASSEMBLY	1	35	
- 10		• TUBE ASSY, SEE FIG. 2.8-13 INDEX 51	RF		
- 11		• TUBE ASSY, SEE FIG. 2.8-13 INDEX 48	RF		
- 12	8-80024-109	• TUBE ASSEMBLY	1	35	
- 13	MS21909D4	• TEE	1	35	
	AN924-4D	• NUT	1	35	
- 14	8-80024-87	• TUBE ASSEMBLY	1	35	
- 15	MS21907D4	• ELBOW	1	35	
	AN924-4D	• NUT	1	35	
- 16	8-80024-73	• TUBE ASSEMBLY	1	35	
- 17	MS21903D4	• UNION	1	35	
	AN924-4D	• NUT	1	35	
- 18	CR295873CC4-0152	• HOSE ASSY	1	35	
- 19	MS21902D4	• UNION	1	35	
	AN6290-4	• GASKET	1	35	
- 20		• ACTUATOR ASSY, SPEED BRAKE SEE FIG. 2.7-1 INDEX 7	RF		
- 21	8-80024-153	• TUBE ASSEMBLY	1	35	
- 22	MS21903D4	• UNION	2	35	
	AN924-4D	• NUT	2	35	
- 23	8-80024-129	• TUBE ASSEMBLY	1	35	
- 24	CR295873CC4-0146	• HOSE ASSY	1	35	
- 25	MS21902D4	• UNION	1	35	
	AN6290-4	• GASKET	1	35	

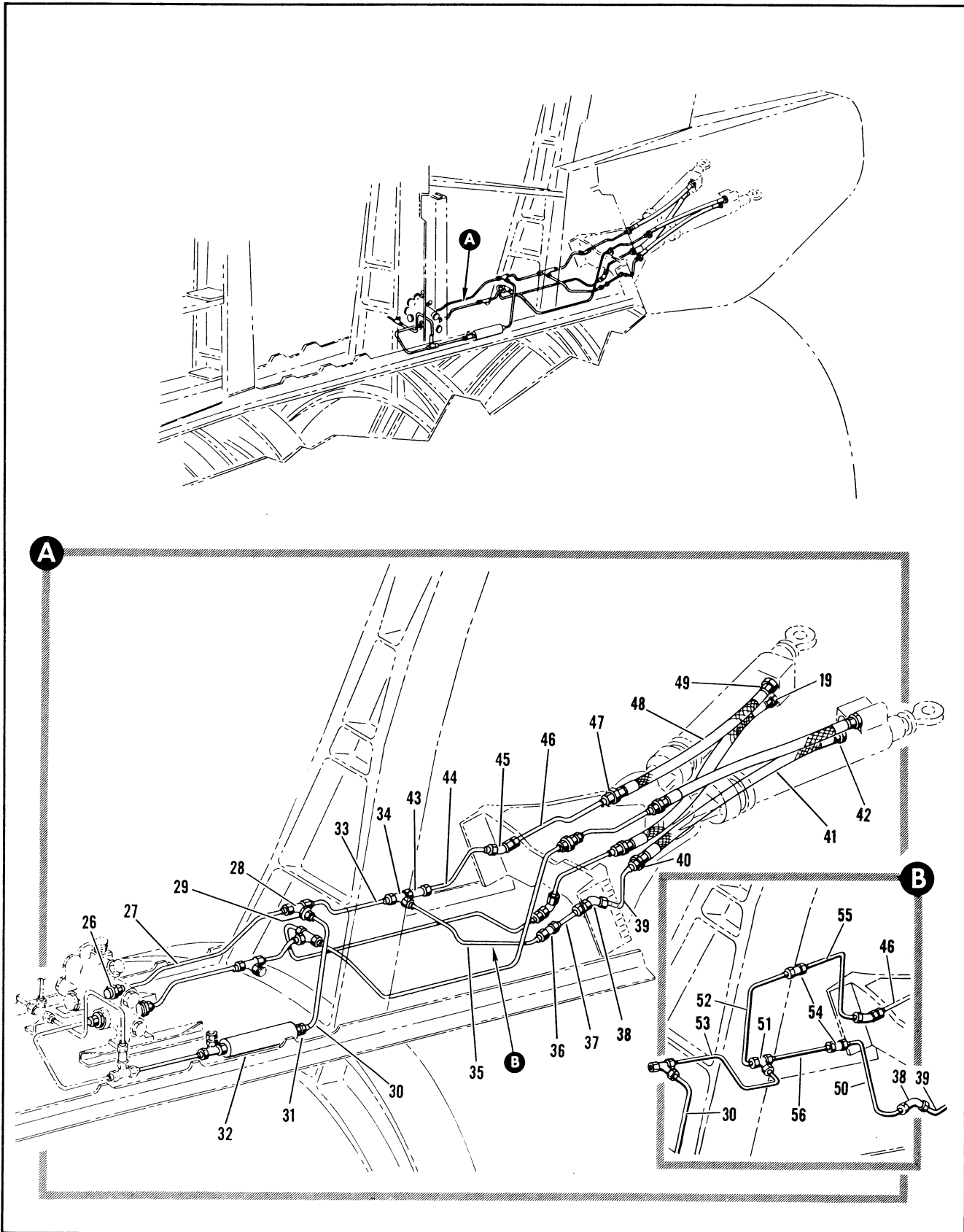


Figure 2.8-21. Speed Brake Hydraulic Tubing Installation (Sheet 2 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.8-21- 26	MS21916D6-4	• REDUCER	1	35	
	AN6290-6	• GASKET	1	35	
- 27	8-80024-53	• TUBE ASSEMBLY	1	35	
- 28	MS21910D4	• TEE	1	35	
	AN924-4D	• NUT	1	35	
- 29	MS21916D6-4	• REDUCER	1	35	
	AN6290-4	• GASKET	1	35	
- 30	8-80024-105	• TUBE ASSEMBLY	1	35	
- 31	MS21903D6	• UNION	1	35	
	AN924-6D	• NUT	1	35	
	AN960D916	• WASHER	1	35	
	AN6290-6	• GASKET	1	35	
- 32	HP457100-1	• VALVE ASSY, SPEED BRAKE RELIEF	1		
	HP595100-1	• VALVE ASSY, SPEED BRAKE RELIEF, ALT INTCHG WITH HP457100-1	1		
- 33	8-80024-57	• TUBE ASSEMBLY	1	35	60
- 34	MS21911D4	• TEE	1	35	60
	AN6290-4	• GASKET	1	35	60
- 35	8-80024-59	• TUBE ASSEMBLY	1	35	43
	8-80024-175	• TUBE ASSEMBLY	1	49	60
- 36	2R2441-4	• RESTRICTOR ASSY, <91207> SPEC 8-08476-704 T.O.9H8-8-20-3	1	35	60
- 37	8-80024-61	• TUBE ASSEMBLY	1	35	60
- 38	MS21907D4	• ELBOW	1	35	
	AN924-4D	• NUT	1	35	
- 39	8-80024-71	• TUBE ASSEMBLY	1	35	
- 40	MS21903D4	• UNION	1	35	
	AN924-4D	• NUT	1	35	
- 41	CR295870CCA-0156	• HOSE ASSY	1	35	
- 42	MS21902D4	• UNION	1	35	
	AN6290-4	• GASKET	1	35	
- 43	2R2441-4	• RESTRICTOR ASSY, <91207> SPEC 8-08476-704 T.O.9H8-8-20-3	1	35	60
- 44	8-80024-63	• TUBE ASSEMBLY	1	35	60
- 45	MS21907D4	• ELBOW	1	35	
	AN924-4D	• NUT	1	35	
- 46	8-80024-127	• TUBE ASSEMBLY	1	35	
- 47	MS21903D4	• UNION	1	35	
	AN924-4D	• NUT	1	35	
- 48	CR295870CCA-0156	• HOSE ASSY	1	35	3
- 49	MS21902D4	• UNION	1	35	
	AN6290-4	• GASKET	1	35	
- 50	8-80024-197	• TUBE ASSEMBLY	1	61	
- 51	MS21912D4	• TEE	1	61	
	AN960D716	• WASHER	1	61	
	AN924-4D	• NUT	1	61	
- 52	8-80024-191	• TUBE ASSEMBLY	1	61	
- 53	8-80024-193	• TUBE ASSEMBLY	1	61	
- 54	2R2441-4	• RESTRICTOR ASSY, <91207> SPEC 8-08476-704 T.O.9H8-8-20-3	2	61	
- 55	8-80024-187	• TUBE ASSEMBLY	1	61	
- 56	8-80024-195	• TUBE ASSEMBLY	1	61	

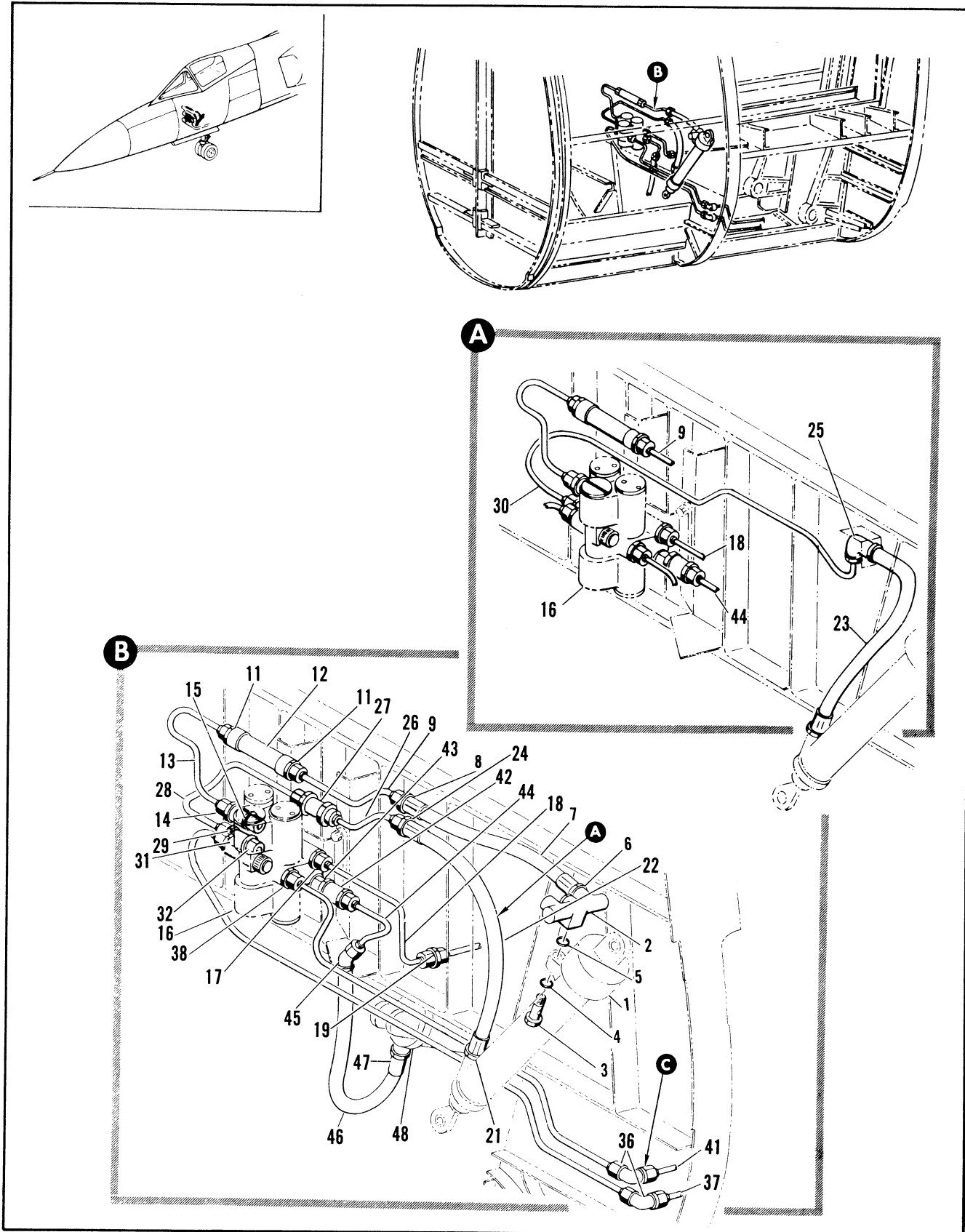


Figure 2.8-22. Nose Landing Gear Hydraulic Tubing Installation Sta 126 to 162 (Sheet 1 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.8-22	8-80032-801	TUBING INSTALLATION, NOSE LANDING GEAR HYDRAULIC STA 126 TO 162	RF	35	
- 1		• ACTUATOR ASSY, NOSE LANDING GEAR DOOR SEE FIG. 2.15-13 INDEX 31	RF		
- 2	385DA1	• VALVE ASSY, SHUTTLE <78062> SPEC 8-00364-1 T.O.9H8-5-51-3 ATTACHING PARTS	1	35	
- 3	8-80208	• BOLT, UNIVERSAL FITTING ----X----	1	35	
- 4	MS28775-011	• PACKING	1	35	
- 5	MS28778-4	• GASKET	2	35	
- 6	MS21902D4	• UNION	1	35	
	AN6290-4	• GASKET	1	35	
- 7	R295800-4-0093	• HOSE ASSY, <50599> 94-80542-002 REPLACED BY NOT INTCHG WITH R295805-4-0106	1	A	
	R295805-4-0106	• HOSE ASSY, <50599> 94-80562-001 REPLACES NOT INTCHG WITH R295800-4-0093	1	B	
- 8	MS21903D4	• UNION	1	35	
	AN924-4D	• NUT	1	35	
	AN960D716	• WASHER	1	35	
- 9	8-80032-177	• TUBE ASSEMBLY	1	A	
- 10	65A33170-1	• TUBE ASSY, HYDRAULIC BYPASS VALVE	1	B	
- 11	MS21903D4	• UNION	2	35	
	AN924-4D	• NUT	2	35	
	AN6290-4	• GASKET	2	35	
- 12	A76079	• VALVE ASSY, PRIORITY <91130> SPEC 8-00499-1 T.O.9H8-26-13-3	1	35	
- 13	8-80032-179	• TUBE ASSEMBLY	1	A	
	8-80032-217	• TUBE ASSEMBLY	1	48	48
	8-80032-239	• TUBE ASSEMBLY	1	90	
- 14	2R2441-3	• RESTRICTOR ASSY, VALVE <91207> SPEC 8-08476-404 T.O.9H8-8-20-3	1	35	
- 15	AN893-2D	• BUSHING	1	35	
	AN6290-4	• GASKET	1	35	
	AN6290-6	• GASKET	1	35	
- 16		• VALVE ASSY, NOSE LANDING GEAR HYDRAULIC CONTROL SEE FIG. 2.15-1 INDEX 2	RF		
- 17	MS2191606-4	• REDUCER	1	35	
	AN6290-6	• GASKET	1	35	
- 18	8-80032-167	• TUBE ASSEMBLY	1	A	
	8-80032-227	• TUBE ASSEMBLY	1	48	43
	8-80032-245	• TUBE ASSEMBLY	1	90	
- 19	MS21903D4	• UNION	1	35	
	AN924-4D	• NUT	1	35	
	AN960D716	• WASHER	1	35	
- 20		• TUBE ASSY, SEE FIG. 2.8-14 INDEX 4	RF		
- 21	MS21902D4	• UNION	1	35	
	AN6290-4	• GASKET	1	35	
- 22	R295800-4-0172	• HOSE ASSY, <50599> 94-80542-006 REPLACED BY NOT INTCHG WITH R295805-4-0134	1	A	

A AIRPLANES 35 THRU 47 AND 49 THRU 89  
B AIRPLANES 48, 90 AND CN

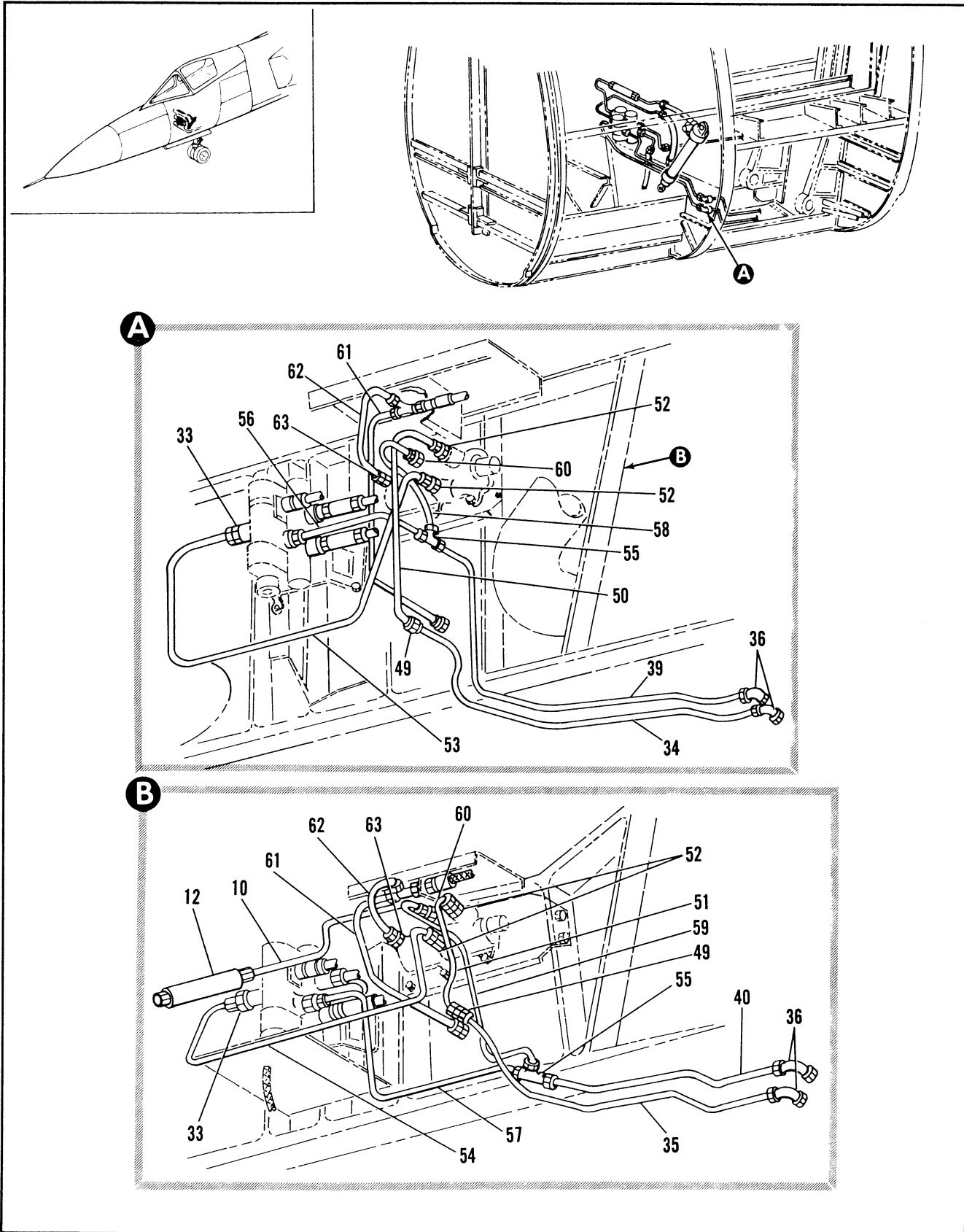


Figure 2.8-22. Nose Landing Gear Hydraulic Tubing Installation Sta 126 to 162 (Sheet 2 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.8-22- 23	R295805-4-0134	• HOSE ASSY, <50599> 94-80562-002 REPLACES NOT INTCHG WITH R295800-4-0172	1	B	
- 24	MS21903D4	• UNION	1	A	
- 25	MS21908D4	• ELBOW	1	B	
	AN924-4D	• NUT	1	35	
	AN968D716	• WASHER	1	35	
- 26	8-80032-193	• TUBE ASSEMBLY	1	A	
- 27	2R2441-2	• RESTRICTOR ASSY, VALVE <91207> SPEC 8-08476-324 T.O. 9H8-8-20-3	1	A	
- 28	8-80032-181	• TUBE ASSEMBLY	1	A	
- 29	MS21916D6	• REDUCER	1	A	
- 30	8-80032-229	• TUBE ASSEMBLY	1	48	48
	8-80032-247	• TUBE ASSEMBLY	1	98	
- 31	2R2441-2	• RESTRICTOR ASSY, VALVE <91207> SPEC 8-08476-324 T.O. 9H8-8-20-3	1	B	
- 32	AN893-2D	• BUSHING	1	B	
	AN6290-4	• GASKET	1	B	
	AN6290-6	• GASKET	1	B	
- 33	MS21902D6	• UNION	1		
	MS28778-6	• PACKING	1		
- 34	64A34528-1	• TUBE ASSY, HYDRAULIC BYPASS VALVE	1	A	
- 35	64A34508-1	• TUBE ASSY, HYDRAULIC BYPASS VALVE	1	B	
- 36	MS21908D4	• ELBOW	2	35	
	AN924-4D	• NUT	2	35	
	AN968D716	• WASHER	2	35	
- 37		• TUBE ASSY, SEE FIG. 2.8-14 INDEX 16	RF		
- 38	MS21916D6-4	• REDUCER	1	35	
	AN6290-6	• GASKET	1	35	
- 39	64A34529-1	• TUBE ASSY, HYDRAULIC BYPASS VALVE	1	A	
- 40	64A34507-1	• TUBE ASSY, HYDRAULIC BYPASS VALVE	1	B	
- 41		• TUBE ASSY, SEE FIG. 2.8-14 INDEX 20	RF		
- 42	2R2441-2	• RESTRICTOR ASSY, VALVE <91207> SPEC 8-08476-324 T.O. 9H8-8-20-3	1	35	
- 43	AN843-2D	• BUSHING	1	35	
	AN6290-4	• GASKET	3	35	
	AN6290-6	• GASKET	1	35	
- 44	8-80032-187	• TUBE ASSEMBLY	1	A	
	8-80032-225	• TUBE ASSEMBLY	1	B	
- 45	AN21907D4	• ELBOW	1	35	
	AN924-4D	• NUT	1	35	
	AN968D716	• WASHER	1	35	
- 46	R295800-4-0133	• HOSE ASSY, <50599> 94-80542-003 REPLACED BY NOT INTCHG WITH R295800-4-0143	1	A	
	R295800-4-0143	• HOSE ASSY, <50599> 94-80562-005 REPLACES NOT INTCHG WITH R295800-4-0133	1	B	
- 47	MS21902D4	• UNION	1	35	
	AN6290-4	• GASKET	1	35	
- 48		• ACTUATOR ASSY, NOSE LANDING GEAR SEE FIG. 2.15-16 INDEX 59	RF		
- 49	MS21926D6-4	• REDUCER	1		
- 50	64A34522-1	• TUBE ASSY, HYDRAULIC BYPASS VALVE	1		
- 51	64A34510-1	• TUBE ASSY, HYDRAULIC BYPASS VALVE	1		

A AIRPLANES #35 THRU 47 AND 49 THRU 89  
B AIRPLANES #48, 98 AND ON





FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.8-22- 52	MS21902D6	• UNION	2		
	MS28778-6	• PACKING	2		
- 53	64A34524-1	• TUBE ASSY, HYDRAULIC BYPASS VALVE	1		
- 54	64A34512-1	• TUBE ASSY, HYDRAULIC BYPASS VALVE	1		
- 55	MS21905D4	• TEE	1		
- 56	64A34523-1	• TUBE ASSY, HYDRAULIC BYPASS VALVE	1		
- 57	64A34509-1	• TUBE ASSY, HYDRAULIC BYPASS VALVE	1		
- 58	64A34525-1	• TUBE ASSY, HYDRAULIC BYPASS VALVE	1		
- 59	64A34511-1	• TUBE ASSY, HYDRAULIC BYPASS VALVE	1		
- 60	MS21916D6-4	• REDUCER	1		
	MS28778-6	• PACKING	1		
- 61		SEE FIG. 2.9-16	RF		
		SEE FIG. 2.9-15 INDEX 12			
- 62		• TUBE ASSY, PNEUMATIC BYPASS VALVE	RF		
		SEE FIG. 2.9-16			
- 63	MS21902D4	• UNION	1		
	MS28778-4	• PACKING	1		

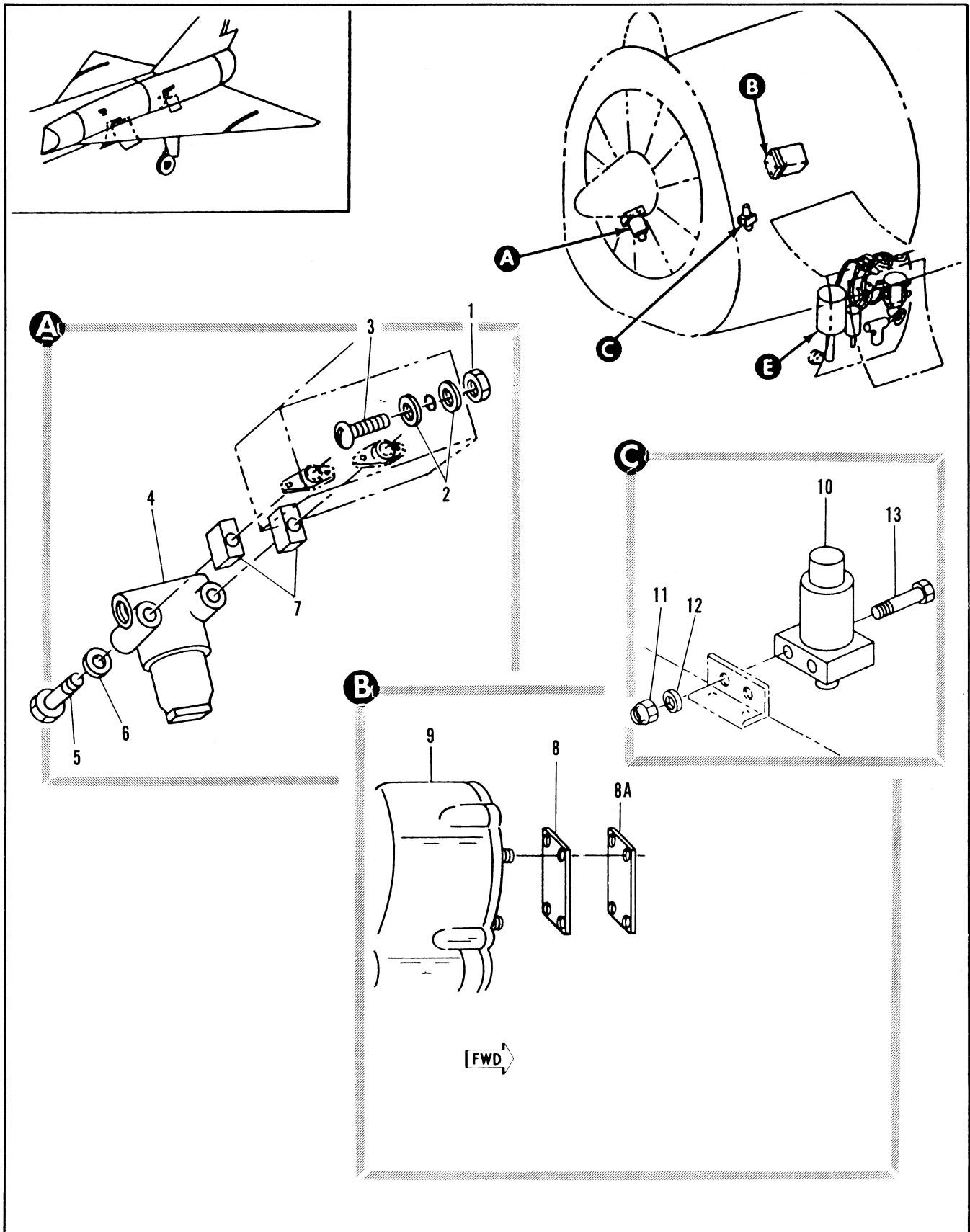


Figure 2.8-23. Rapid Tune Magnetron Hydraulic Equipment (Sheet 1 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.8-23		RAPID TUNE MAN RAPID TUNE MAGNETRON HYDRAULIC EQUIPMENT	RF		
	8-83004-1	. FILTER INSTL, RAPID TUNE MAGNETRON	1		
- 1	AN345-10	. . NUT, GROUND STUD	1		
- 2	AN960-10L	. . WASHER, GROUND STUD	2		
- 3	AN526-1032R12	. . SCREW, GROUND STUD	1		
- 4	AC846-81	. . FILTER ASSY, HYDRAULIC OIL (01414) SPEC 8-68452-801 T.O. 9H3-3-39-33 ATTACHING PARTS	1		
- 5	AN4-12A	. . BOLT	2		
- 6	AN960D416L	. . WASHER -----X-----	2		
- 7	8-84238-1 8-83002-1	. . SPACER, HYDRAULIC FILTER . PUMP INSTL, HYDRAULIC, RAPID TUNE MAGNETRON	2 1		
- 8	MS9134-01	. . GASKET (96906)	1		
- 8A	AN100043	. . COVER (88044)	1		
- 9		. . ENGINE ASSY, SEE FIG. 2.10-7 INDEX 169	RF		
- 10	95620	. . SWITCH PRESSURE ACTUATED (09049) 98-62805-024 ATTACHING PARTS	1		
- 11	MS21042L3	. . NUT	2		
- 12	AN960D10L	. . WASHER	2		
- 13	AN3-17A	. . BOLT -----X-----	2		

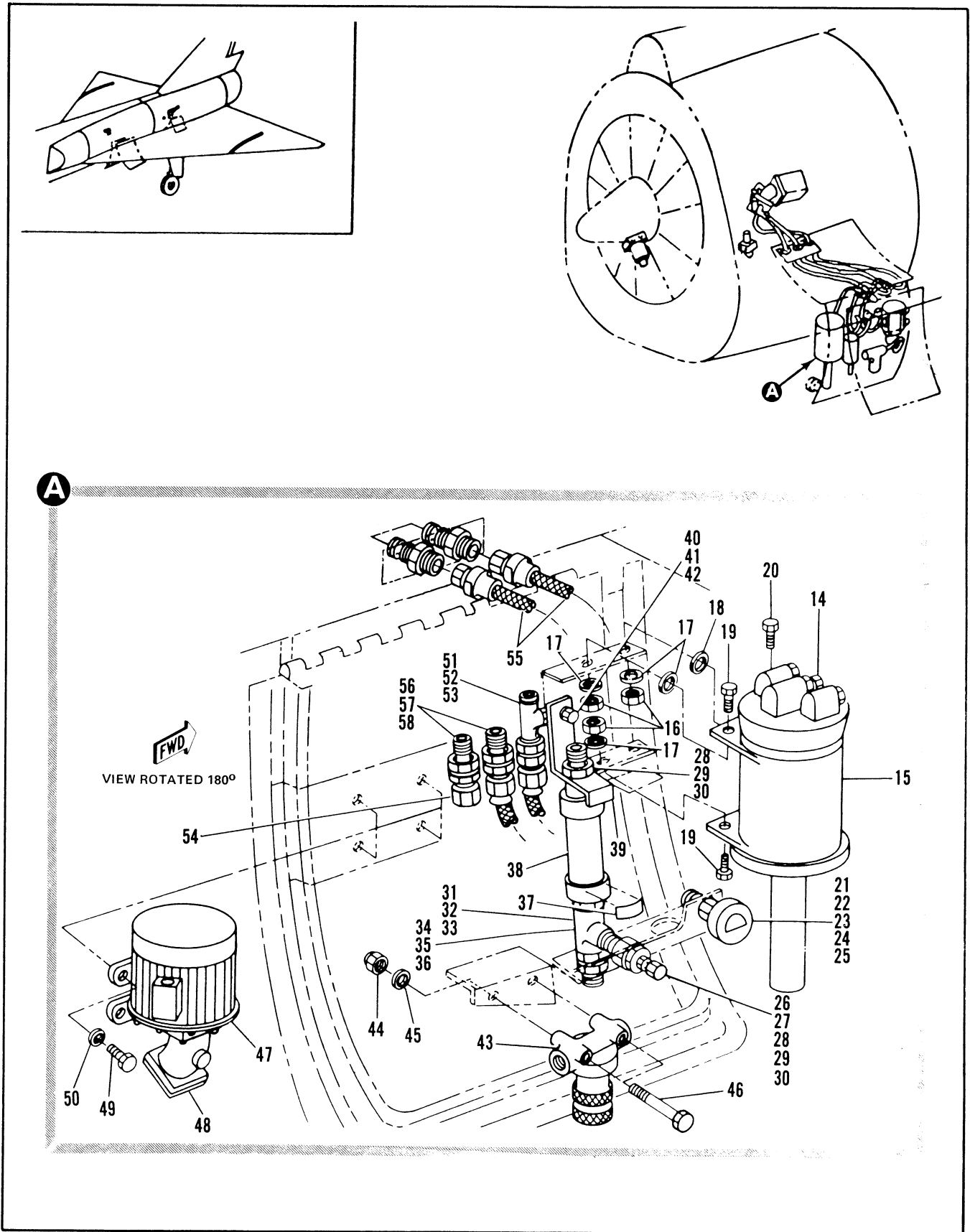


Figure 2.8-23. Rapid Tune Magnetron Hydraulic Equipment (Sheet 2 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2,8-23	8-83003-1	• EQUIPMENT INSTL, HYDRAULIC RAPID TUNE MAGNETRON	1		
- 14	27020	• • VALVE, LOW PRESSURE RELIEF (99643) SPEC 8-08697-1 T.O. 9H8-2-160-2	1		
- 15	8-84231-5	• • RESERVOIR ASSY, HYDRAULIC PRESSURIZED T.O. 9H5-3-40-3 ATTACHING PARTS	1		
- 16	MS21042L4	• • NUT	4		
- 17	AN9600416L	• • WASHER	5		
- 18	NAS1401-4C3	• • WASHER	1		
- 19	AN4-4A	• • BOLT	4		
- 20	AN4-5A	• • BOLT	1		
		-----X-----			
- 21	MS21924D4	• • UNION	1		
- 22	AN924-4D	• • NUT	1		
- 23	AN9600716L	• • WASHER	1		
- 24	MS28778-4	• • PACKING	1		
- 25	MS24478-2	• • GAGE	1		
- 26	MS28889-1	• • VALVE	1		
- 27	ER832D0405	• • NIPPLE, REDUCING (45681)	1		
- 28	AN924-4D	• • NUT	1		
- 29	AN9600716L	• • WASHER	1		
- 30	MS28778-5	• • PACKING	3		
- 31	AN93805	• • TEE	1		
- 32	MS2190205	• • UNION	1		
- 33	MS21924D4	• • UNION	1		
- 34	AN924-4D	• • NUT	1		
- 35	AN9600716L	• • WASHER	1		
- 36	MS28778-4	• • PACKING	1		
- 37	8-84242-7	• • PLACARD	1		
- 38	1356-593105	• • ACCUMULATOR, HYDRAULIC (09523) 90-03500-004 T.O. 9H1-2-44-3	1		
- 39	8-83003-55	• • CLIP ATTACHING PARTS	1		
- 40	MS21042L3	• • NUT	2		
- 41	AN960010L	• • WASHER	2		
- 42	AN3-4A	• • BOLT	2		
		-----X-----			
- 43	AC1526-4	• • FILTER ASSY, HYDRAULIC LOW PRESSURE (01414) SPEC 8-00460-1 T.O. 9H3-3-43-3 ATTACHING PARTS	1		
- 44	MS21042L3	• • NUT	2		
- 45	AN960010L	• • WASHER	2		
- 46	AN3-21A	• • BOLT	2		
		-----X-----			
- 47	EA1565-541	• • MOTOR PUMP PACKAGE, ELECTRIC MOTOR DRIVEN, HYDRAULIC VARIABLE DELIVERY PUMP (06538) SPEC 8-08687-1 T.O. 9H4-3-57-3	1		
	443MC1	• • ELECTRIC MOTOR (00462)			
	PV006R030B	• • PUMP, HYDRAULIC VARIABLE DELIVERY (62983)			
- 48	284417	• • COUPLING, SHAFT (62983) T.O. 9H4-3-57-4 ATTACHING PARTS			
- 49	AN4-6A	• • BOLT	4		
- 50	AN9600416L	• • WASHER	4		
		-----X-----			
- 51	MS21912D4	• • TEE	1		
- 52	AN924-4D	• • NUT	1		
- 53	AN9600716L	• • WASHER	1		
- 54	MS21914-6L	• • CAP	1	35	
- 55	R295800-4-0280	• • HOSE	2		
- 56	ER832D0604	• • NIPPLE, REDUCING	2		
- 57	AN9600916L	• • WASHER	2		
- 58	AN924-6D	• • NUT	2		

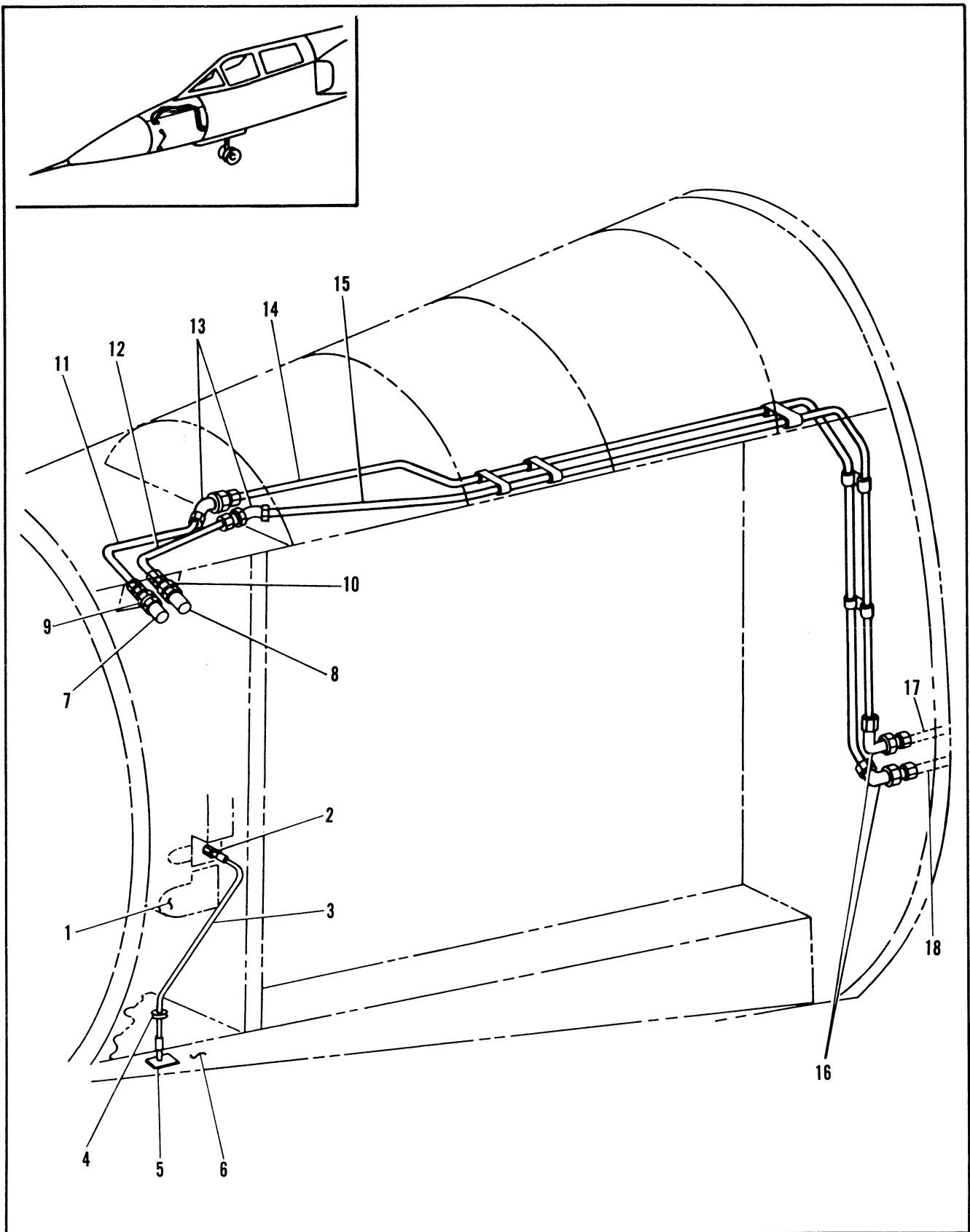


Figure 2.8-24. Rapid Tune Magnetron Hydraulic Tubing Installation Sta 47 to 102

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
				1	2
2.8-24	8-84224-3	TUBING INSTL, HYDRAULIC, RAPID TUNE MAGNETRON, STA 47 TO 102	1		
- 1		• RECEIVER-TRANSMITTER, RADAR SEE FIG. 2.18-16	RF		
- 2	8-84224-75	• TUBE ASSY, DRAIN	1		
- 3	8-84224-71	• TUBE, DRAIN	1		
- 4	MS35489-4	• GROMMET	1		
- 5	8-84224-73	• PLATE ASSY, WELDED	1		
- 6		• PANEL ASSY, FWD RADAR COMPARTMENT LWR SEE FIG. 2.3-5	RF		
	8-84236-1	• BRACKET INSTL, HYDRAULIC QUICK DISCONNECT FITTING	1		
- 7	3202-6	• • COUPLING, QUICK DISCONNECT (00624) 92-74029-002	1		
	AN924-12D	• • NUT	1		
- 8	3202-4	• • COUPLING, QUICK DISCONNECT (00624) 92-74029-001	1		
	AN924-10D	• • NUT	1		
- 9	MS21902D6	• UNION	1		
	MS28778-6	• PACKING	1		
- 10	MS21916D6-4	• REDUCER	1		
	MS28778-4	• PACKING	1		
- 11	8-84747-9	• TUBE ASSEMBLY	1		
- 12	8-84748-9	• TUBE ASSEMBLY	1		
- 13	MS21907D6	• ELBOW	2		
	AN924-6D	• NUT	2		
	AN960D916	• WASHER	2		
- 14	8-84746-7	• TUBE ASSEMBLY	1		
- 15	8-84745-9	• TUBE ASSEMBLY	1		
- 16	MS21908D6	• ELBOW	2		
	AN924-6D	• NUT	2		
	AN960D916	• WASHER	2		
- 17		• TUBE ASSY, SEE FIG. 2.8-25 INDEX 3	RF		
- 18		• TUBE ASSY, SEE FIG. 2.8-25 INDEX 4	RF		

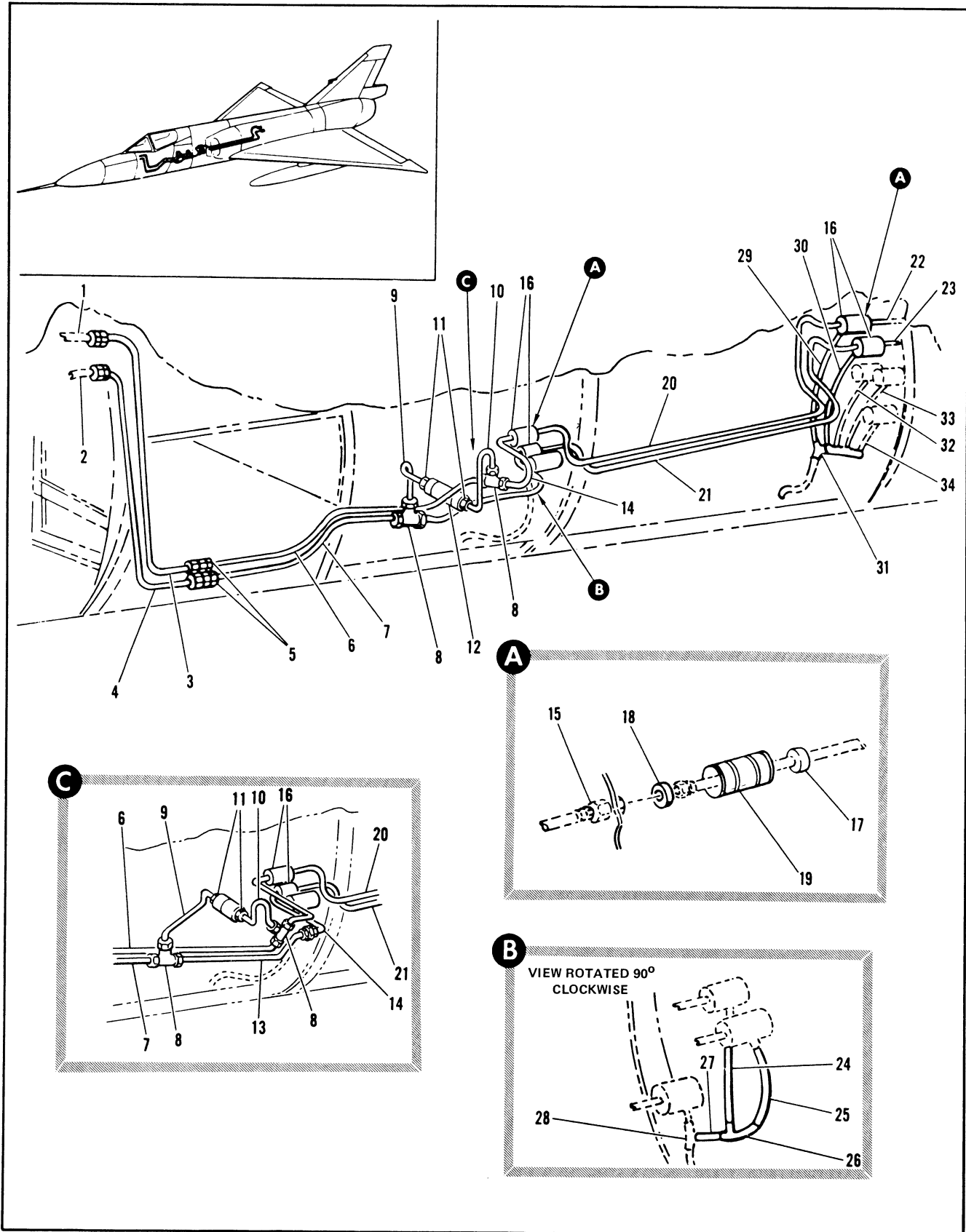


Figure 2.8-25. Rapid Tune Magnetron Hydraulic Tubing Installation Sta 102 to 216



FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.8-25	8-84224-1	TUBING INSTL, HYDRAULIC RAPID TUNE MAGNETRON STA 102 TO 216	1		
- 1		• TUBE ASSY, SEE FIG. 2.8-24 INDEX 14	RF		
- 2		• TUBE ASSY, SEE FIG. 2.8-24 INDEX 15	RF		
- 3	8-84744-7	• TUBE ASSEMBLY	1		
- 4	8-84743-7	• TUBE ASSEMBLY	1		
- 5	MS21902D6	• UNION	2		
- 6	8-84740-7	• TUBE ASSEMBLY	1		
	67A36611-1	• TUBE, HYDRAULIC PRESSURE FWD	1		
- 7	8-84742-7	• TUBE ASSEMBLY	1		
- 8	98-90319-L08	• TEE, (14170)	2		
- 9	8-84741-7	• TUBE ASSEMBLY	1		
- 10	8-84738-7	• TUBE ASSEMBLY	1		
	67A36609-1	• TUBE HYDRAULIC INLET RELIEF VALVE	1		
- 11	MS21902D4	• UNION	2		
	MS28778-4	• FACKING	2		
- 12	MS28893D4	• VALVE, RELIEF	1		
- 13	8-84739-7	• TUBE ASSEMBLY	1		
	67A36608-1	• TUBE, HYDRAULIC RETURN RAPID TUNE MAGNETRON	1		
- 14	8-84737-7	• TUBE ASSEMBLY	1		
	67A36610-1	• TUBE, HYDRAULIC PRESSURE AFT	1		
- 15	MS21924D6	• UNION	2		
	AN924-6D	• NUT	2		
	AN963D916	• WASHER	2		
- 16	8-84241-1	• SHROUD ASSY, HYDRAULIC DRAIN TUBE	4		
- 17	8-84241-11	• GROMMET	1		
- 18	8-84241-13	• GROMMET	1		
- 19	8-84241-7	• CASE ASSEMBLY	1		
- 20	8-84735-7	• TUBE ASSEMBLY	1		
- 21	8-84736-7	• TUBE ASSEMBLY	1		
- 22		• TUBE ASSY, SEE FIG. 2.8-26 INDEX 3	RF		
- 23		• TUBE ASSY, SEE FIG. 2.8-26 INDEX 4	RF		
- 24	8-84224-81	• TUBE, DRAIN	1		
- 25	8-84224-9	• TUBE, DRAIN	1		
- 26	8-81504	• FITTING ASSEMBLY	1		
- 27	8-84224-13	• TUBE, DRAIN	1		
- 28		• TEE ASSY, SEE FIG. 2.8-15 INDEX 10	RF		
- 29	8-84224-17	• TUBE DRAIN	1		
- 30	8-84224-19	• TUBE, DRAIN	1		
- 31		• MANIFOLD ASSY, SEE FIG. 2.8-15 INDEX 20	RF		
- 32		• TUBE, DRAIN SEE FIG. 2.8-15 INDEX 17	RF		
- 33		• TUBE, DRAIN SEE FIG. 2.8-15 INDEX 19	RF		
- 34		• TUBE, DRAIN SEE FIG. 2.9-14 INDEX 23	RF		

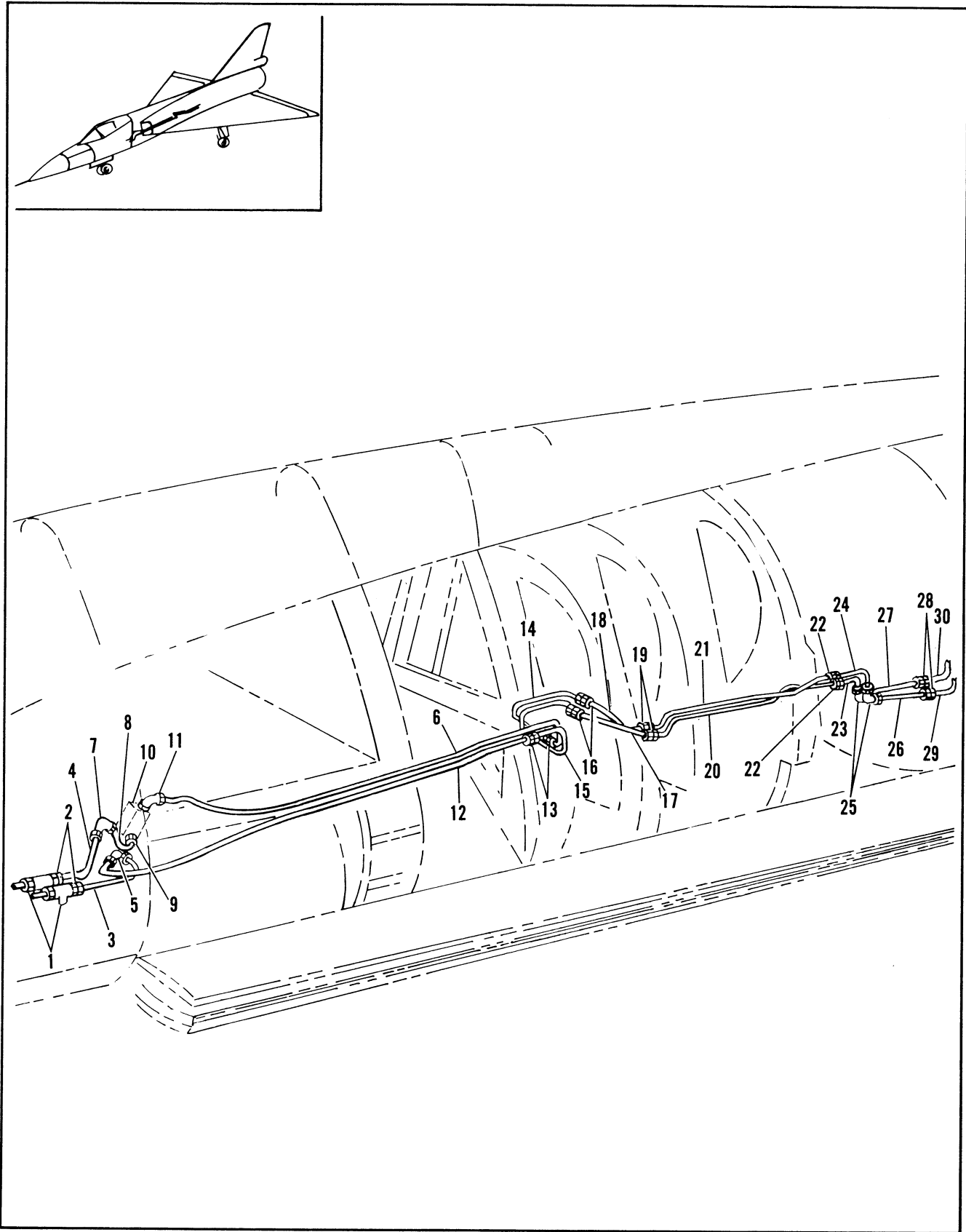


Figure 2.8-26. Rapid Tune Magnetron Hydraulic Tubing Installation Sta 216 to 412

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.8-26	8-84234-803	TUBING INSTL, HYDRAULIC RAPID TUNE MAGNETRON MISSILE BAY STA 216 TO 412	1		
	8-84234-811	TUBING INSTL, HYDRAULIC RAPID TUNE MAGNETRON MISSILE BAY STA 216 TO 412	1		
	8-84234-801	TUBING INSTL, HYDRAULIC RAPID TUNE MAGNETRON MISSILE BAY STA 216 TO 412	1		
	8-84234-5	TUBING INSTL, HYDRAULIC RAPID TUNE MAGNETRON MISSILE BAY STA 216 TO 412	1		
	8-84234-809	TUBING INSTL, HYDRAULIC RAPID TUNE MAGNETRON MISSILE BAY STA 216 TO 412	1		
	8-84234-1	TUBING INSTL, HYDRAULIC RAPID TUNE MAGNETRON MISSILE BAY STA 216 TO 412	1		
- 1		• SHROUD ASSY, SEE FIG. 2.8-25 INDEX 16	RF		
- 2	MS21924D6	• UNION	2		
	AN924-6D	• NUT	2		
	AN960D916	• WASHER	2		
- 3	8-84733-7	• TUBE ASSEMBLY	1		
- 4	8-84734-7	• TUBE ASSEMBLY	1		
- 5	MS21908D6	• ELBOW	1		
	AN924-6D	• NUT	1		
	AN960D916	• WASHER	1		
- 6	66A38334-1	• TUBE ASSEMBLY	1	35	
- 7	MS21907D6	• ELBOW	1		
	AN924-6D	• NUT	1		
	AN960D916	• WASHER	1		
- 8	8-84732-9	• TUBE ASSEMBLY	1		
- 9	MS21902D6	• UNION	1		
	MS28778-6	• PACKING	1		
- 10		• COOLER, AIR-OIL SEE FIG. 2.13-9 INDEX 10	RF		
- 11	MS21908D6	• ELBOW	1		
	AN924-6D	• NUT	1		
	MS28778-6	• PACKING	1		
- 12	66A38336-1	• TUBE ASSEMBLY	1	35	
- 13	MS21902D6	• UNION	2		
- 14	66A38333-1	• TUBE ASSEMBLY	1	35	
- 15	66A38335-1	• TUBE ASSEMBLY	1	35	
- 16	MS21924D6	• UNION	2		
	AN924-6D	• NUT	2		
	AN960D916	• WASHER	2		
- 17	8-84726-11	• TUBE ASSEMBLY	1		
- 18	8-84727-11	• TUBE ASSEMBLY	1		
- 19	MS21902D6	• UNION	2		
- 20	8-84724-11	• TUBE ASSEMBLY	1		
- 21	8-84725-11	• TUBE ASSEMBLY	1		
- 22	MS21902D6	• UNION	2		
- 23	8-84722-9	• TUBE ASSEMBLY	1		
- 24	8-84723-9	• TUBE ASSEMBLY	1		
- 25	MS21908D6	• ELBOW	2		
	AN924-6D	• NUT	2		
- 26	8-84720-7	• TUBE ASSEMBLY	1		
- 27	8-84721-7	• TUBE ASSEMBLY	1		
- 28	MS21902D6	• UNION	2		
- 29		• TUBE ASSY, SEE FIG. 2.8-21 INDEX 3	RF		
- 30		• TUBE ASSY, SEE FIG. 2.8-21 INDEX 4	RF		

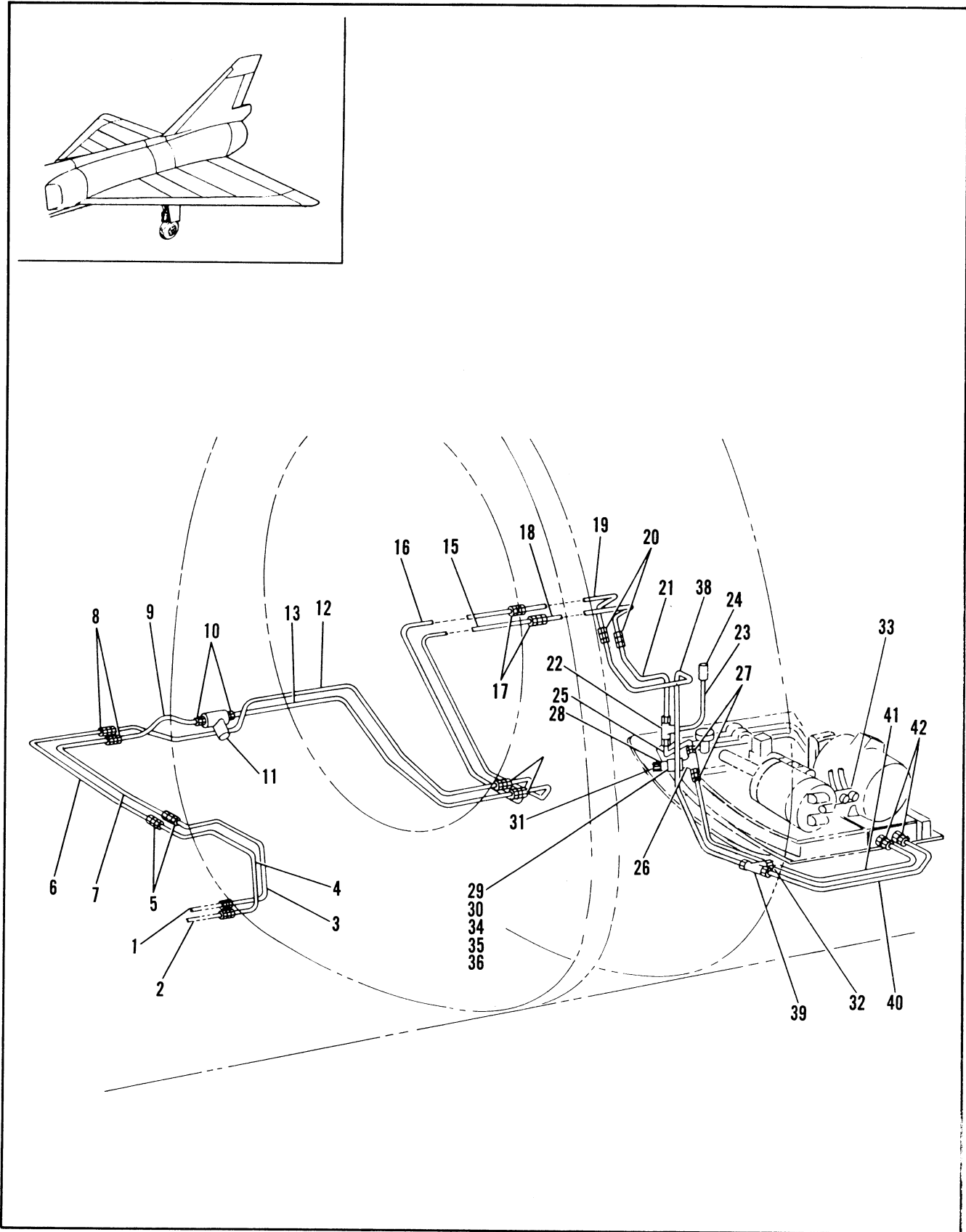


Figure 2.8-27. Rapid Tune Magnetron Hydraulic Tubing Installation Sta 412 to 540 (Sheet 1 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.8-27	8-84235-5	TUBING INSTL, HYDRAULIC RAPID TUNE MAGNETRON STA 412 TO 540	1		
- 1		• TUBE ASSY, SEE FIG. 2.8-26 INDEX 26	PF		
- 2		• TUBE ASSY, SEE FIG. 2.8-26 INDEX 27	PF		
- 3	8-84718-7	• TUBE ASSEMBLY	1		
- 4	8-84719-7	• TUBE ASSEMBLY	1		
- 5	MS21902D6	• UNION	2		
- 6	8-84717-7	• TUBE ASSEMBLY	1		
	8-84795-7	• TUBE ASSEMBLY	1		
- 7	8-84716-7	• TUBE ASSEMBLY	1		
	8-84796-7	• TUBE ASSEMBLY	1		
- 8	96-29010-108	• NIPPLE	2		
	AN924-6D	• NUT	2		
	AN967D916L	• WASHER	2		
- 9	8-84715-9	• TUBE ASSEMBLY	1		
- 10	MS21916D8-6	• REDUCER	2		
	MS28778-8	• PACKING	2		
- 11		• FILTER ASSY, HYDRAULIC OIL SEE FIG. 2.8-23 INDEX 4	PF		
- 12	8-84714-7	• TUBE ASSEMBLY	1		
- 13	8-84713-7	• TUBE ASSEMBLY	1		
- 14	MS21924D6	• UNION	2		
	AN924-6D	• NUT	2		
	AN967D916	• WASHER	2		
- 15	8-84711-7	• TUBE ASSEMBLY	1		
- 16	8-84712-7	• TUBE ASSEMBLY	1		
- 17	MS21902D6	• UNION	2		
- 18	8-84709-7	• TUBE ASSEMBLY	1		
- 19	8-84710-7	• TUBE ASSEMBLY	1		
- 20	MS21902D6	• UNION	2		
- 21	8-84707-9	• TUBE ASSEMBLY	1		
- 22	96-90319-008	• TEE	1		
- 23	8-84706-9	• TUBE ASSEMBLY	1		
- 24		• SWITCH, PRESSURE ACTUATED SEE FIG. 2.8-23 INDEX 17	PF		
- 25	8-84704-7	• TUBE ASSEMBLY	1		
- 26	AN938D6	• TEE	1		
- 27	MS21902D6	• UNION	2		
	MS28778-6	• PACKING	2		
- 28	4CV464	• VALVE, CHECK HYDRAULIC (91207) SPEC 8-08450-606 T.O. 9H8-6-50-3	1		
- 29	91-98026-015	• CLAMP	1		
		ATTACHING PARTS			
- 30	AN520-10R8	• SCREW	1		
- 31	MS21914-6W	• CAP			
- 32	MS21914-4W	• CAP			
- 33	MS21914-6W	• CAP			
		-----X-----			
- 34	8-69002-67	• BRACKET	1		
		ATTACHING PARTS			
- 35	MS21042L3	• NUT	2		
- 36	AN520-10R10	• SCREW	2		
- 37		• COUPLING ASSY, SELF-SEALING SEE FIG. 2.8-23	PF		
- 38	8-84708-9	• TUBE ASSEMBLY	1		
- 39	96-90319-008	• TEE	1		
- 40	8-84700-11	• TUBE ASSEMBLY	1		
- 41	8-84701-11	• TUBE ASSEMBLY	1		
- 42		• NIPPLE, SEE FIG. 2.8-23	PF		

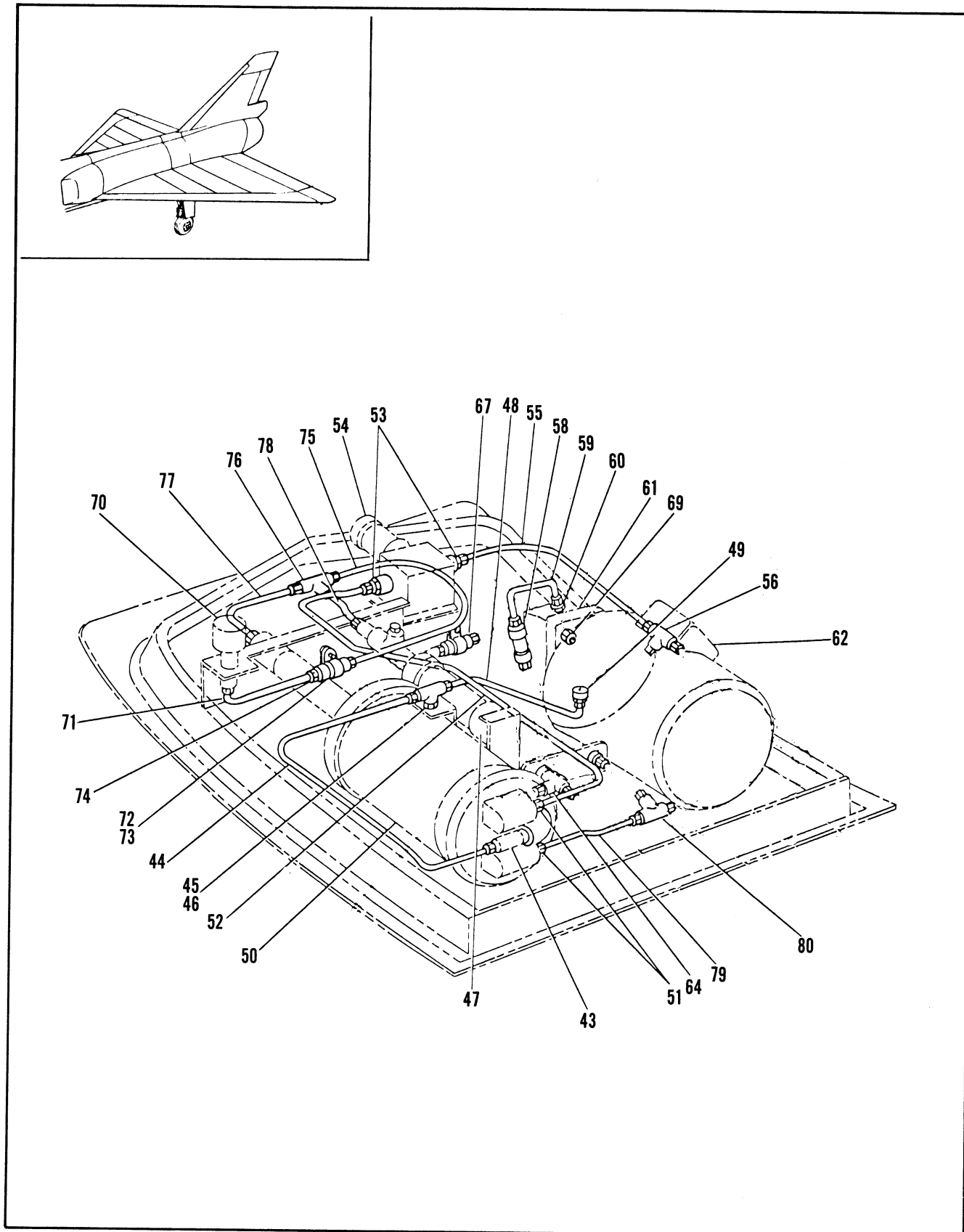


Figure 2.8-27. Rapid Tune Magnetron Hydraulic Tubing Installation Sta 412 to 540 (Sheet 2 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.8-27- 43		• VALVE, LOW PRESSURE RELIEF SEE FIG. 2.8-23 INDEX 14	RF		
- 44	8-84791-11	• TUBE ASSEMBLY SEAL DRAIN	1		
- 45	MS21909D3	• TEE	1		
- 46	AN924-3D	• NUT	1		
- 47		• ACCUMULATOR, HYDRAULIC SEE FIG.2.8-23 INDEX 38	RF		
- 48	8-84792-7	• TUBE ASSEMBLY SEAL DRAIN	1		
- 49	MS21916D4-3	• REDUCER	1		
	MS28778-6	• PACKING	1		
- 50		• RESERVOIR ASSY, HYDRAULIC PRESSURIZED SEE FIG. 2.8-23 INDEX 15	RF		
- 51	MS21902D6	• UNION	1		
	MS28778-6	• PACKING	1		
- 52	8-84782-9	• TUBE ASSEMBLY	1		
	7243609-01	• TUBE ASSY, CASE DRAIN	1		
- 53	MS21916D6-4	• REDUCER	2		
	MS28778-4	• PACKING	2		
- 54		• FILTER ASSY, HYDRAULIC LOW PRESSURE SEE FIG. 2.8-23 INDEX 43	RF		
- 55	8-84781	• TUBE ASSEMBLY, CASE DRAIN	1		
- 56	98-90319-008	• TEE	1		
- 57	8-84783-7	• TUBE ASSEMBLY, CASE DRAIN	1		
- 58	1112-568664	• VALVE, CHECK HYDRAULIC (92003) SPEC 8-08450-304	1		
- 59	8-84784-7	• TUBE ASSEMBLY, CASE DRAIN	1		
- 60	MS21902D4	• UNION	1		
	MS28778-4	• PACKING	1		
- 61		• PUMP, ELECTRIC MOTOR DRIVEN HYDRAULIC VARIABLE DELIVERY SEE FIG. 2.8-23 INDEX 47	RF		
- 62		• ELECTRIC MOTOR, SEE FIG. 2.8-23 INDEX 47	RF		
- 63	8-84780-11	• TUBE ASSEMBLY, CASE DRAIN	1		
- 64		• TEE SEE FIG. 2.8-23 INDEX 50	RF		
- 65	8-84785-9	• TUBE ASSEMBLY, PRESSURE	1		
- 66	8-84786-11	• TUBE ASSEMBLY, PRESSURE	1		
- 67	4CV442	• VALVE, CHECK HYDRAULIC (91207) SPEC 8-08450-604	1		
- 68	8-84787-9	• TUBE ASSEMBLY, PRESSURE	1		
- 69	MS21916D6-4	• REDUCER	1		
	MS28778-6	• PACKING	1		
- 70		• GAGE, SEE FIG. 2.8-23 INDEX 25	RF		
- 71	8-84793-7	• TUBE ASSEMBLY, AIR PRESSURE	1		
- 72	91-98026-C11	• CLAMP	1		
		ATTACHING PARTS			
- 73	MS21042L3	• NUT	1		
	AN960D1CL	• WASHER	1		
	AN520-10R14	• SCREW	1		
		-----X-----			
	NAS430D3-16	• SPACER	1		
- 74	S1443	• DAMPENER, FLUID PRESSURE (91207) 92-91300-003	1		
- 75	8-84788-7	• TUBE ASSEMBLY, AIR PRESSURE	1		
- 76	MS21905D4	• TEE	1		
- 77	8-84789-9	• TUBE ASSEMBLY, AIR PRESSURE	1		
- 78	8-84790-7	• TUBE ASSEMBLY, AIR PRESSURE	1		
- 79	8-84778-11	• TUBE ASSEMBLY, SUCTION	1		
- 80	MS21905D6	• TEE	1		
- 81	8-84779-13	• TUBE ASSEMBLY, SUCTION	1		

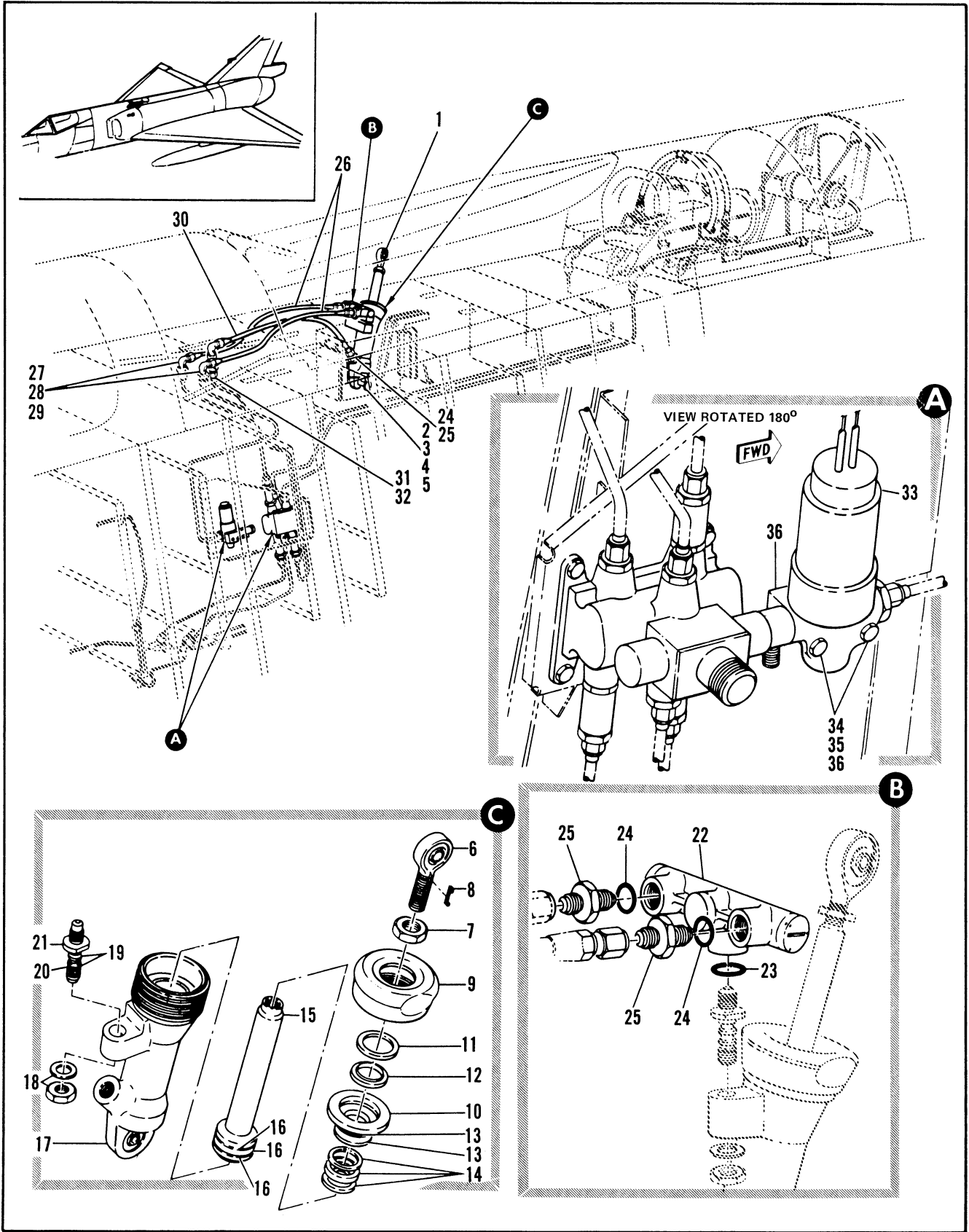


Figure 2.8-28. Aerial Refueling Hydraulic Equipment (Sheet 1 of 2)



FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.8-28		AERIAL REFUELING HYDRAULIC EQUIPMENT			
- 1	66J40593-1 66E40607-1	. ACTUATOR INSTL, SLIPWAY . . CYLINDER, ACTUATING ATTACHING PARTS	1 1		
- 2	MS24665-285	. . COTTER PIN	1		
- 3	AN360-6	. . NUT	1		
- 4	AN960-616	. . WASHER	1		
- 5	NAS1106-23D	. . BOLT	1		
- 6	DREMHS-6-065	----X----			
- 7	NAS509-7	. . . ROD END (81376)	1		
- 8	NAS559-3	. . . NUT	1		
- 9	66E40627-1	. . . LOCK, ROD END	1		
- 10	66E40628-1	. . . END CAP	1		
- 11	66B40629-1	. . . RETAINER	1		
- 12	MS28776M-4	. . . WASHER	1		
- 13	MS28775-218 MS28774-218	. . . SCRAPER	1		
- 14	MS28774-113 MS28778-115	. . . PACKING	1		
- 15	66E40643-1	. . . RETAINER	2		
- 16	MS28775-212 MS28774-212	. . . PISTON	1		
- 17	66E40626-3	. . . PACKING	1		
- 18	NAS509-7 AN960-716L	. . . RETAINER	2		
- 19	MS28775-011	. . . CYLINDER	1		
- 20	MS28774-011	. . . NUT	1		
- 21	66D40592-1	. . . WASHER	1		
- 22	3850A1	. . . PACKING	2		
- 23	MS28775-011	. . . PACKING	1		
- 24	MS28778-4	. . . PACKING	3		
- 25	MS21902-4C	. . . UNION	3		
- 26	66D39700-1	. . . HOSE	2		
- 27	MS21908-4C	. . . ELBOW	2		
- 28	AN960-716	ATTACHING PARTS			
- 29	AN924-4C	. . WASHER	2		
- 30	66D39700-4	. . NUT	2		
- 31	MS21924-4C	----X----			
- 32	AN924-4C	. . HOSE	1		
- 33	66E40978-2 HP542100-3	. . UNION	1		
- 34	MS21042L3	ATTACHING PARTS			
- 35	AN960D10L	. . NUT	1		
- 36	66B40302-1	. . VALVE INSTL, HYD-PNEU AIR REFUEL	1		
- 37	NAS1303-24	. . VALVE ASSY, SOLENOID SELECTOR (84485) SPEC 8-00400-3 T.O. 9P5- 9-21-3 ATTACHING PARTS			
		. . NUT	2		
		. . WASHER	2		
		. . SPACER	1		
		. . BOLT	1		
		----X----			

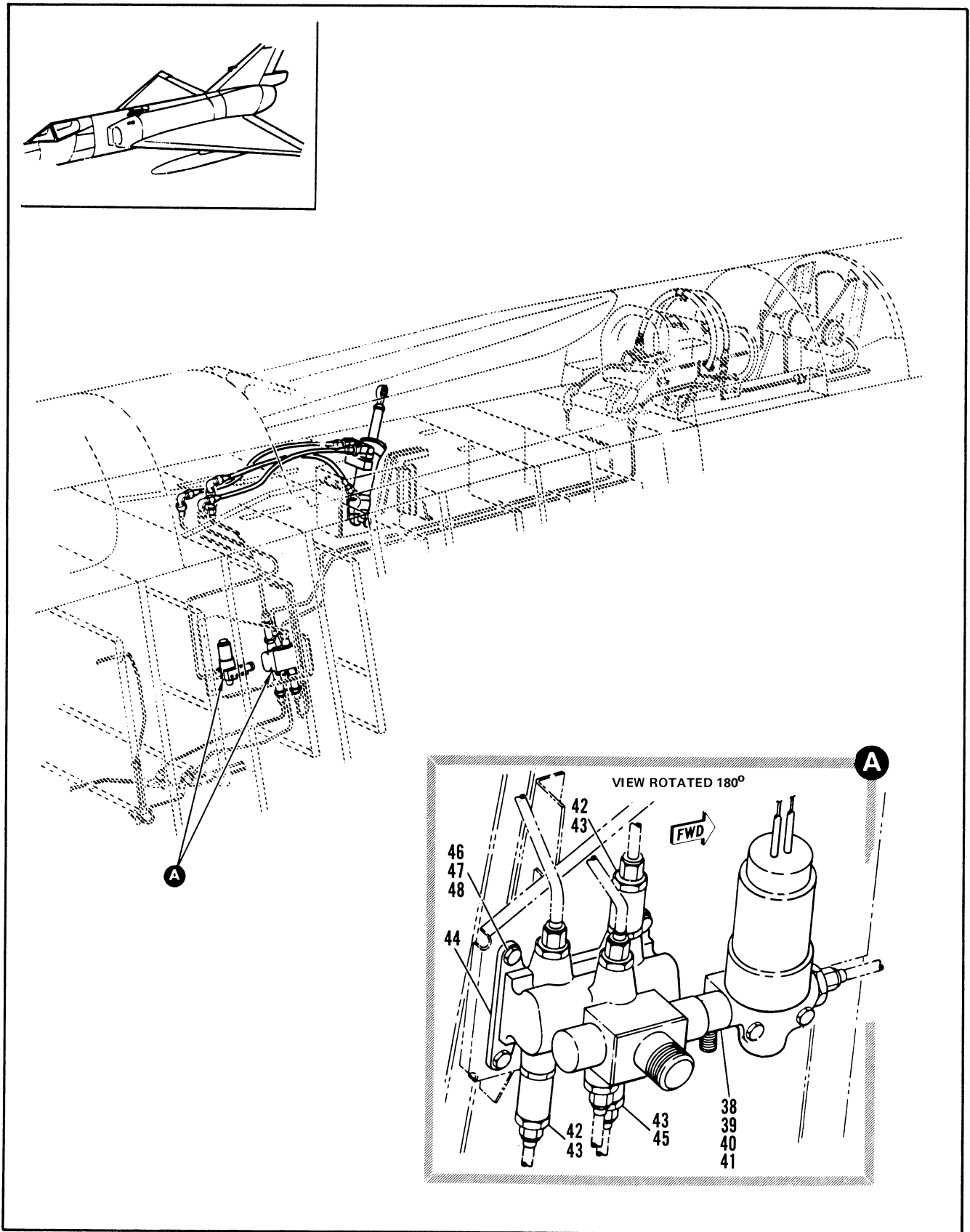


Figure 2.8-28. Aerial Refueling Hydraulic Equipment (Sheet 2 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.8-28- 38	NAS1237A4	• • ELBOW ATTACHING PARTS	1		
- 39	NAS551-4D	• • BOLT	1		
- 40	MS28775-011	• • PACKING	1		
- 41	MS28778-4	• • PACKING -----X-----	1		
- 42	2R2441-9	• • VALVE, RESTRICTOR (91207)	2		
- 43	MS28778-4	• • PACKING	3		
- 44	HP865100	• • VALVE, CONTROL (84685)			
- 45	MS28892-4	• • VALVE ATTACHING PARTS	1		
- 46	MS21042L3	• • NUT	4		
- 47	AN960D10L	• • WASHER	4		
- 48	NAS1303-6	• • BOLT	4		

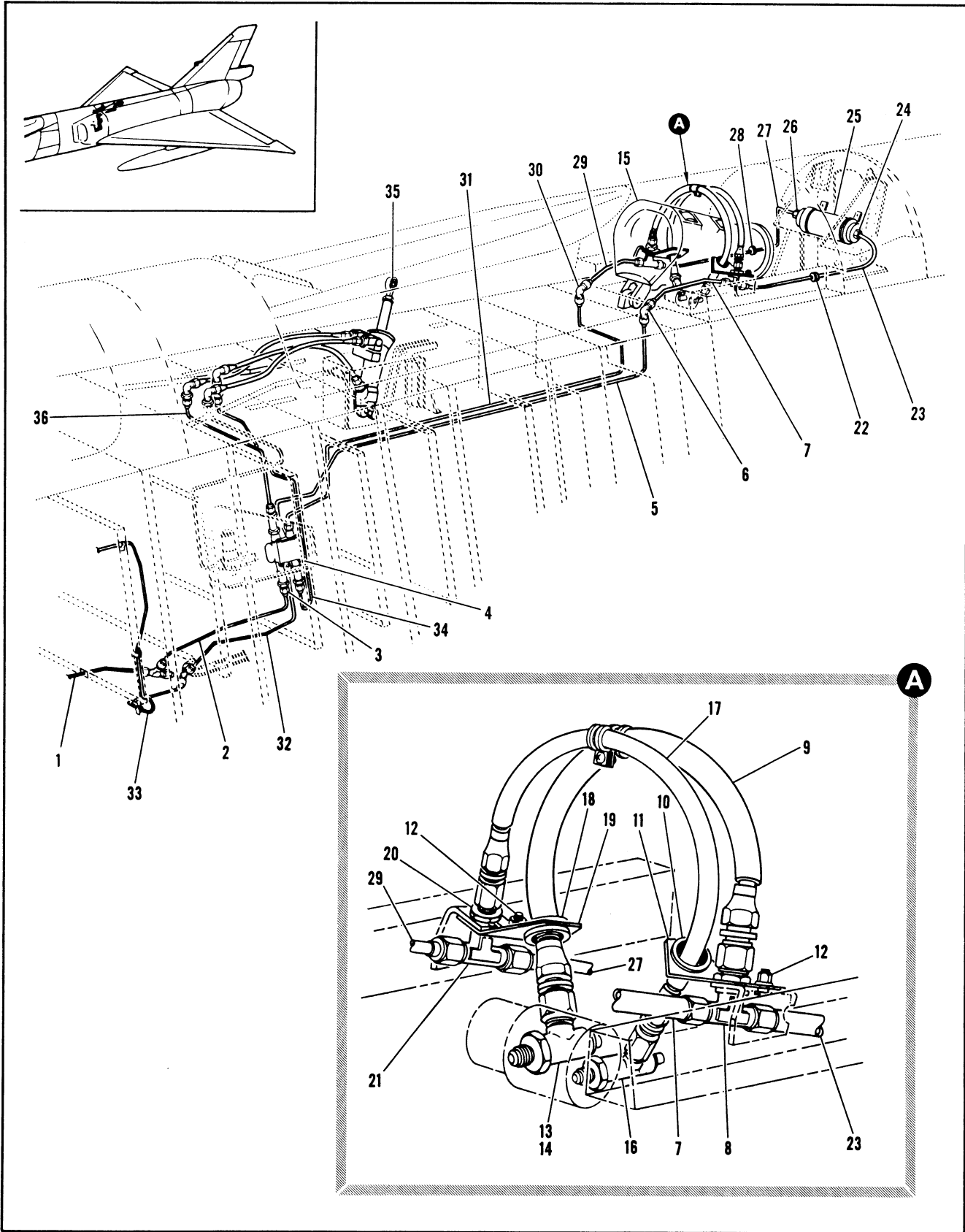


Figure 2.8-29. Aerial Refueling Hydraulic Tubing Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.8-29	66J40297-2	TUBING INSTALLATION, AIR REFUELING HYDRAULIC	RF		
- 1		• TUBE ASSY, SEE FIG. 2.8-9 INDEX 31	RF		
- 2	66A39622-1	• TUBE ASSY	1		
- 3	MS21902D4	• UNION	1		
	MS28778-4	• PACKING	1		
- 4		• VALVE, AIR REFUELING SEE FIG. 2.8-28 INDEX 33	RF		
- 5	66A39626-1	• TUBE ASSEMBLY	1		
- 6	MS21907D6	• ELBOW	1		
	AN924-6D	• NUT	1		
- 7	66A39655-1	• TUBE ASSEMBLY	1		
	66J40435-2	• LATCH HOSE INSTALLATION	1		
- 8	MS21909D6	• TEE	1		
	AN924-6D	• NUT	1		
- 9	66D39700-3	• HOSE ASSEMBLY	1		
- 10	MS21266-1T	• GROMMET (97820)	1		
- 11	66C40651-1	• FAIRLEAD	1		
- 12	MS21042L3	• NUT	2		
	AN960D10L	• WASHER	2		
	NAS1103-3	• BOLT	2		
- 13	66D40613-2	• SWIVEL	1		
- 14	MS28778-6	• O-RING	1		
- 15		• REFUELING RECEPTACLE, SEE FIG.2.12-66	RF		
- 16	66D40613-1	• SWIVEL	1		
	MS28778-4	• O-RING	1		
- 17	66D39700-2	• HOSE ASSEMBLY	1		
- 18	MS21266-1T	• GROMMET (97820)	1		
- 19	66C40650-1	• FAIRLEAD	2		
- 20	AN924-4D	• NUT	1		
	AN960D716	• WASHER	1		
- 21	MS21909D4	• TEE	1		
- 22	66B40363-2	• TUBE ASSEMBLY	1		
- 23	66A39657-1	• TUBE ASSEMBLY	1		
- 24	MS21916D8-6	• REDUCER	1		
	MS28778-8	• PACKING	1		
- 25	1205-5	• VALVE, RELIEF (06177)	1		
- 26	MS21916D8-4	• REDUCER	1		
	MS28778-8	• PACKING	1		
- 27	66A39658-1	• TUBE ASSEMBLY	1		
- 28	66B40363-1	• GROMMET	1		
- 29	66A39656-1	• TUBE ASSEMBLY	1		
- 30	MS21907D4	• ELBOW	1		
	AN924-4D	• NUT	1		
- 31	66A39625-1	• TUBE ASSEMBLY	1		
- 32	66A39621-1	• TUBE ASSEMBLY	1		
- 33		• TUBE ASSEMBLY SEE FIG. 2.8-9 INDEX 10	RF		
- 34	66A39662-1	• TUBE ASSEMBLY	1		
- 35		• ACTUATOR INSTL, SEE FIG. 2.8-28	RF		
- 36	66A39663-1	• TUBE ASSEMBLY	1		



## PNEUMATIC SUBSECTION

### TABLE OF CONTENTS

<i>Fig. No.</i>	<i>Title</i>	<i>Page</i>	<i>Fig. No.</i>	<i>Title</i>	<i>Page</i>
2.9-1	Pneumatic System .....	2.9-2	2.9-19	High Pressure Pneumatic Variable Air Ramp Drive Unit	
2.9-2	Air Pressure Fwd Regulator Installation .....	2.9-6		Tubing Installation .....	2.9-84
2.9-3	Pneumatic Flask Installation .....	2.9-12	2.9-20	High Pressure Pneumatic Emergency Landing Gear Selector Valve	
2.9-4	Low Pressure Pneumatic Radome Anti-Icing Tubing Installation .....	2.9-14		Main Line and Vent Tubing Installation .....	2.9-86
2.9-5	Low Pressure Pneumatic G Suit and Flow Tubing Installation .....	2.9-20	2.9-21	High Pressure Pneumatic Ram Air Tubing Installation .....	2.9-90
2.9-6	Low Pressure Pneumatic Variable Air Ramp Seal Tubing Installation .....	2.9-22	2.9-22	High Pressure Pneumatic Bleed Tubing Installation .....	2.9-94
2.9-7	Low Pressure Pneumatic Cockpit Pressure Control Tubing Installation .....	2.9-24	2.9-23	High Pressure Pneumatic Filler and Pressure Gauge Tubing Installation .....	2.9-96
2.9-8	Low Pressure Pneumatic Refrigera- tion Unit Bleed Air Sensing Tubing Installation .....	2.9-30	2.9-24	High Pressure Pneumatic Speed Brake and Drag Chute Tubing Installation .....	2.9-100
2.9-9	Low Pressure Pneumatic Canopy Seal Tubing Installation .....	2.9-32	2.9-25	High Pressure Pneumatic Vertical Stabilizer and Dorsal Tubing .....	2.9-102
2.9-10	Low Pressure Pneumatic Electronic Cooling Hot Air By-Pass Tubing Installation .....	2.9-38	2.9-26	High Pressure Pneumatic Fuel Transfer and Armament Supply Tubing Installation .....	2.9-108
2.9-11	High Pressure Pneumatic Emergency Cockpit Pressurization Tubing Installation .....	2.9-44	2.9-27	High Pressure Pneumatic Armament Door Actuator Shuttle Valve Tubing Installation .....	2.9-110
2.9-12	Tubing Installation High Pressure Pneumatic Infrared Seeker .....	2.9-48	2.9-28	High Pressure Pneumatic Armament Door Fwd Actuator Tubing Installation .....	2.9-112
2.9-13	Engine Starter High Pressure Pneumatic Tubing Installation .....	2.9-52	2.9-29	High Pressure Pneumatic Armament Door Center Actuator Tubing Installation .....	2.9-118
2.9-14	Pneumatic Master Brake Cylinder to Wheel Brake Relay Valve Tubing Installation LH .....	2.9-54	2.9-30	High Pressure Pneumatic Armament Door Aft Actuator Tubing Installation .....	2.9-124
2.9-15	Pneumatic Master Brake Cylinder to Wheel Brake Relay Valve Tubing Installation RH .....	2.9-58	2.9-31	High Pressure Pneumatic Fwd Armament Displacement Tubing Installation .....	2.9-130
2.9-16	High Pressure Pneumatic Nose Landing Gear Tubing Installation .....	2.9-62	2.9-32	High Pressure Pneumatic Armament Gear Lock Tubing Installation .....	2.9-132
2.9-17	High Pressure Pneumatic Main Landing Gear Tubing Installation .....	2.9-66	2.9-33	High Pressure Pneumatic Aft Armament Displacement Tubing Installation .....	2.9-134
2.9-18	High Pressure Pneumatic Main Landing Gear Brake Supply Tubing Installation .....	2.9-76			

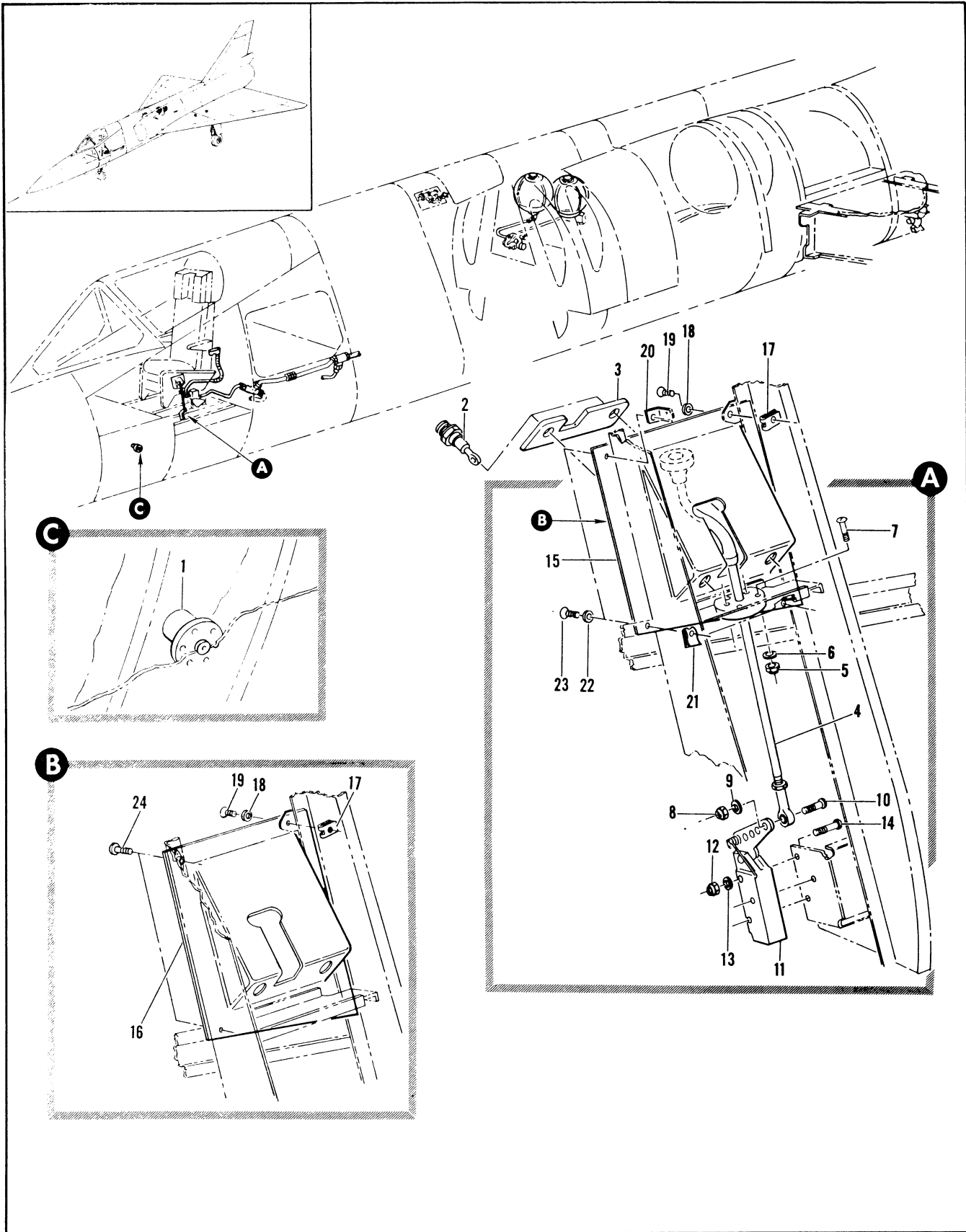


Figure 2.9-1. Pneumatic System (Sheet 1 of 2)



FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.9-1	8-23375-1	PNEUMATIC SYSTEM • PORT INSTL, PNEUMATIC SENSING STATIC PRESSURE LH FOR NHA SEE FIG. 2.3-4	RF	35	
	8-23375-2	• PORT INSTL, PNEUMATIC SENSING STATIC PRESSURE RH FOR NHA SEE FIG. 2.3-4	RF	35	
- 1	8-23327-1 8-95613	• • FLANGE, PNEUMATIC SENSING STATIC PRESSURE • CONTROL INSTL, RAM AIR TURBINE POWER FOR NHA SEE FIG. 2.3-6	1 RF	35 35	
	8-94711-219 AN3140-327	• • LAMP INSTL, EMERGENCY HUDRAULIC POWER	1	35	
- 2	20715-327	• • LAMP • • LIGHT ASSY, PANEL PLASTIC PLATE <72914> SPEC 8-09441-1 REPLACED BY SUITABLE SUB MS25010-4A	2 2	35 35	89
	MS25010-4A	• • LIGHT, REPLACES SUITABLE SUB FOR 20715-327	2	90	
- 3	8-95616-1	• • PLATE, EMERGENCY HYDRAULIC POWER DESIGNATION	1	35	
- 4	13636-1	• • CONTROL ASSY, EMERGENCY HYDRAULIC POWER <78710> SPEC 8-09294-3 T.O.16C1-23-2-3	1	35	
- 5	NAS679A3	• • NUT	3	35	
- 6	AN960-1C	• • WASHER	3	35	
- 7	NAS221-17	• • SCREW	3	35	
- 8	NAS679A3	• • NUT	1	35	
- 9	AN960-1C	• • WASHER	1	35	
- 10	NAS221-17	• • SCREW	1	35	
- 11	871823	• • VALVE ASSY, EMERGENCY HYDRAULIC POWER <33525> SPEC 8-00401-3 T.O.9P5-9-9-13	1	35	
- 12	NAS679A3	• • NUT	3	35	
- 13	AN960-10L	• • WASHER	3	35	
- 14	NAS221-23	• • SCREW	3	35	
- 15	8-95615	• • COVER ASSY, EMERGENCY HYDRAULIC POWER REPLACED SUITABLE SUB 8-95615-1	1	A	
- 16	8-95615-1	• • COVER ASSY, EMERGENCY HYDRAULIC POWER REPLACES SUITABLE SUB FOR 8-95615 ATTACHING PARTS	1	61	129
- 17	A6459-823	• • NUT, <78553> 96-37302-001	2	35	
- 18	99-51400-001	• • WASHER	2	35	
- 19	AN531-8R6	• • SCREW	2	35	
- 20	A8567-823	• • NUT, <78553> 96-37303-001	1	A	
- 21	A6452-823	• • NUT, <78553> 96-37302-002	1	A	
- 22	99-51400-001	• • WASHER	2	A	
- 23	AN531-8R6	• • SCREW	2	A	
- 24	AN526-832R8	• • SCREW	2	61	129
		-----X-----			
		A AIRPLANES #35 THRU 60, 130 AND ON			

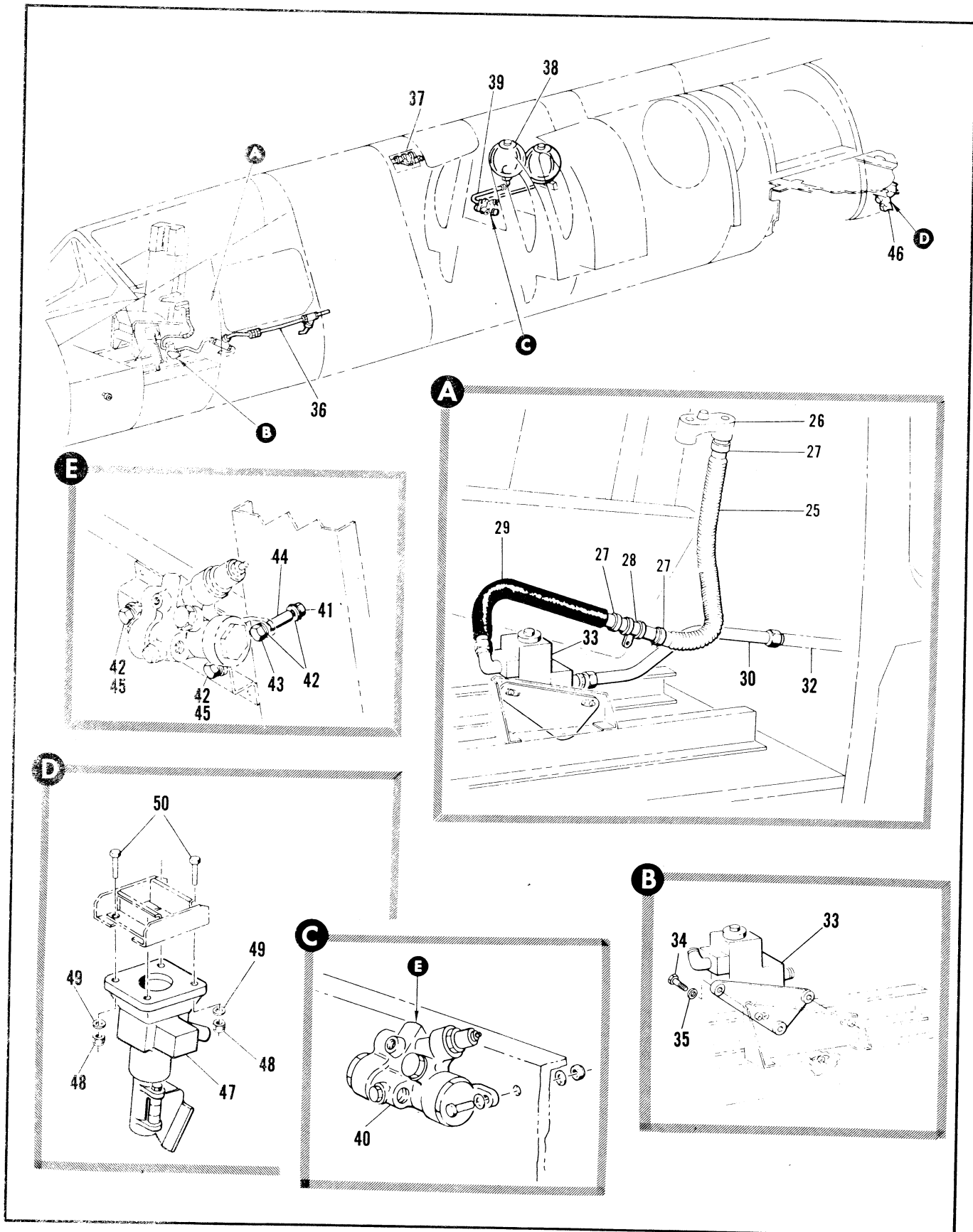


Figure 2.9-1. Pneumatic System (Sheet 2 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.9-1	8-94825-3	• TUBING INSTL, ANTI-G SUIT MODIFIED BY 8-31983 FOR NHA SEE FIG. 2.3-4	RF	35	
- 25	DC266-20	• • HOSE ASSY, ANTI-G SUIT	1	35	
- 26	AE335-10C152 D100U	• • HOSE ASSY, ANTI-G SUIT • • DISCONNECT ASSY SEE FIG. 2.4-11 INDEX 2	RF	35	
- 27	NAS397-14	• • CLAMP	1	35	
- 28	MS22364-4 AN742D10	• • CLAMP • • CLAMP	2	35	
		ATTACHING PARTS	1		
	AN960D10	• • WASHER	1		
	MS27039-1-09	• • SCREW	1		
- 29	68A37759-3	• • TUBE ASSEMBLY	1	35	
	7036819-1	• • TUBE ASSEMBLY	1	35	
- 30	8-94825-27	• • TUBE ASSEMBLY	1	35	
- 31		• • TUBE ASSEMBLY	1	189	
- 32		• • TUBE ASSY, RADOME ANTI-ICING SEE FIG. 2.9-4 INDEX 29	RF		
	8-95599-1	• VALVE INSTL, ANTI-G SUIT FOR NHA SEE FIG. 2.3-6	RF	35	
- 33	5503C40	• • VALVE ASSY, ANTI-G SUIT <70491> 99-34859-001 T.O.15X8-7-3 ATTACHING PARTS	1	35	
- 34	AN4-7A	• • BOLT	3	35	
- 35	AN960D416	• • WASHER	3	35	
		-----X-----			
- 36		• TUBING INSTL, LOW PRESSURE PNEUMATIC SEE FIG. 2.9-4 THRU 2.9-10	RF		
- 37		• REGULATOR INSTL, AIR PRESSURE FWD SEE FIG. 2.9-2	RF		
- 38		• FLASK INSTL, PUEUMATIC SEE FIG. 2.9-3	RF		
- 39		• TUBING INSTL, HIGH PRESSURE PNEUMATIC SEE FIG. 2.9-11	RF		
	66E40984-1	• REGULATOR INSTL, PNEUMATIC PRESSURE FOR NHA SEE FIG. 2.3-10	RF		
- 40	15700-1	• • REGULATOR ASSY, PNEUMATIC PRESSURE <79294> SPEC 8-00264-3 T.O.9P503-73-3 ATTACHING PARTS	1	35	
- 41	MS21042L4	• • NUT	1		
- 42	AN960D416L	• • WASHER	4		
- 43	NAS1104-23	• • BOLT	1		
- 44	NAS430D4-68	• • SPACER	1		
- 45	NAS1104-6	• • BOLT	2		
- 46	8-85017-1	• CONNECTOR INSTL, PNEUMATIC GROUND FILLER LH FOR NHA SEE FIG. 2.6-32	RF	35	
- 47	56380-3 56140-3	• CONNECTOR, HIGH PRESSURE GROUND FILLER (08093) • CONNECTOR, HIGH PRESSURE GROUND FILLER (08093) SPEC 8-00431-9 T.O. 9P8-4-3, ALT, INTCHG WITH 56380-3 ATTACHING PARTS	1	35	
- 48	NAS679A4	• • NUT	4	35	
- 49	AN960D416	• • WASHER	4	35	
- 50	AN4-6A	• • BOLT	4	35	
		-----X-----			

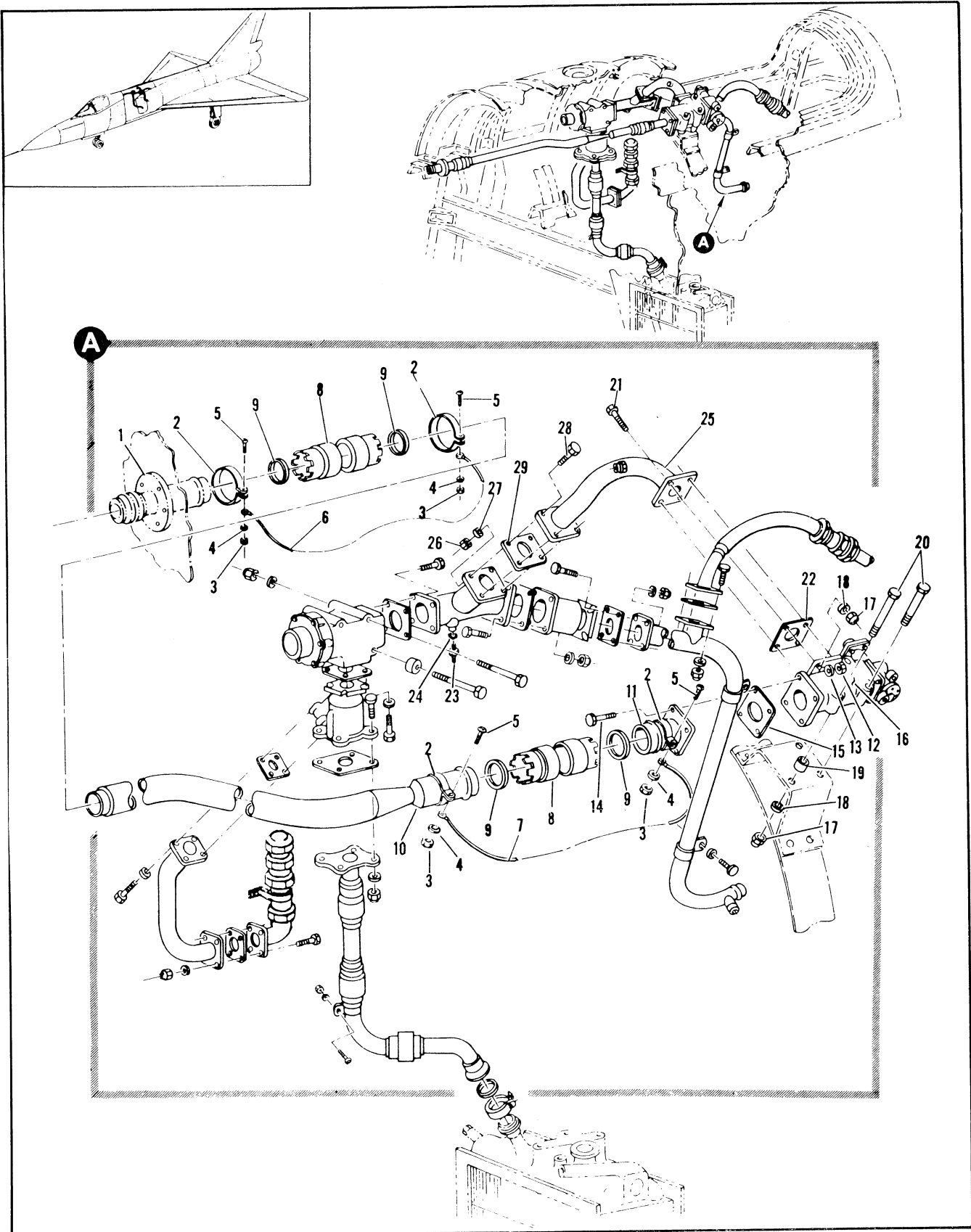


Figure 2.9-2. Air Pressure Forward Regulator Installation (Sheet 1 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.9-2	B-28270-3	REGULATOR INSTALLATION, AIR PRESSURE FORWARD FOR NHA SEE FIG. 2.3-11	RF	35	
- 1		• FLANGE ASSY, AIR INTAKE SEE FIG. 2.12-49	RF		
- 2	AN735D24	• CLAMP ATTACHING PARTS	4	35	
- 3	NAS679A3	• NUT	4	35	
- 4	AN960D10L	• WASHER	4	35	
- 5	AN526-1032R6	• SCREW	4	35	
- 6	MS25083-1EB6	• JUMPER	1	35	
- 7	MS25083-1EB4	• JUMPER	1	35	
- 8	3621200	• COUPLING, <97326> 92-72500-006	2	35	
- 9	MS219513-218	• PACKING	4	35	
- 10	8-28360-807	• TUBE ASSY, WELDED REPLACES NOT INTCHG WITH 8-28360-803	1	B	
- 11	AN757D20-24	• CONNECTOR ATTACHING PARTS	1	35	
- 12	NAS679A4	• NUT	4	35	
- 13	AN960PD416L	• WASHER	4	35	
- 14	AN4-11A	• BOLT	4	35	
- 15	460-615-24	• SEAL, <83259> 97-93503-003	1	35	
- 16	114100-27	• REGULATOR ASSY, AIR PRESSURE <96124> SPEC 8-00377-27 ATTACHING PARTS	1	35	
- 17	NAS679A4	• NUT	7	35	
- 18	AN960PD416L	• WASHER	7	35	
- 19	NAS43DD4-12	• SPACER	3	35	
- 20	AN4-21A	• BOLT	3	35	
- 21	AN4-10A	• BOLT	4	35	
- 22	460-615-24	• SEAL, <83259> 97-93503-003	1	35	
- 23	8-28388-7	• UNION, PRESSURE LINE DRAIN RESTRICTOR	1	35	
- 24	NAS617-6	• GASKET	1	35	
- 25	8-28392	• TUBE ASSY, WELDED ATTACHING PARTS	1	35	
- 26	NAS679A4	• NUT	4	35	
- 27	AN960PD416L	• WASHER	4	35	
- 28	AN4-7	• BOLT	4	35	
- 29	460-630-20	• SEAL, <83259> 97-93505-004	1	35	

A AIRPLANES #35 THRU 47 AND 49 THRU 60  
B AIRPLANES #48, 61 AND ON

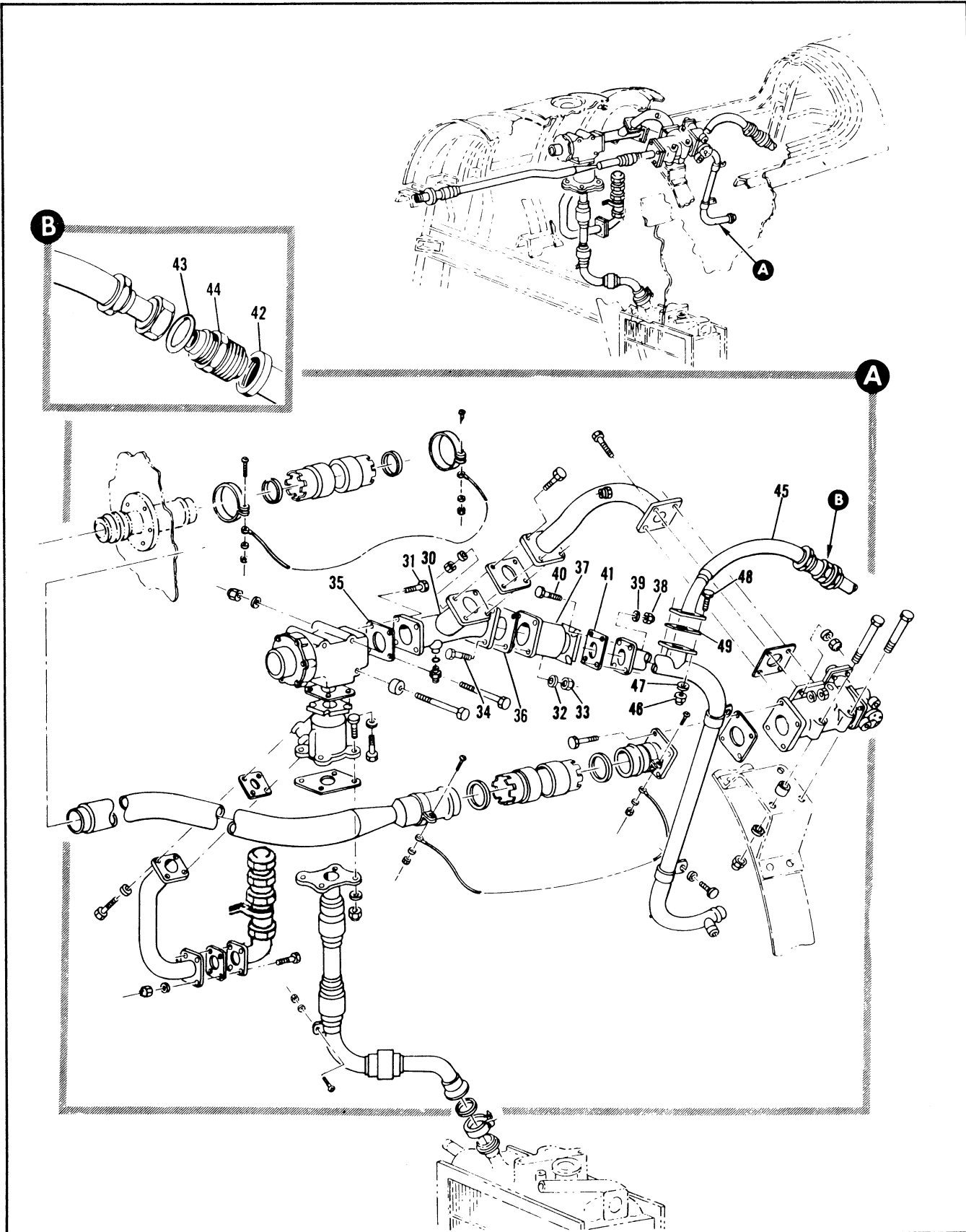


Figure 2.9-2. Air Pressure Forward Regulator Installation (Sheet 2 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.9-2- 50	91-98026-023	• CLAMP ATTACHING PARTS			35
- 51	AN3-4A	• BOLT	2		35
- 52	AN960PD10L	• WASHER	2		35
		-----X-----			
- 53	NAS617-4	• GASKET	1		35
- 54	160B	• VALVE ASSY, <91511> 92-12501-003	1		35
- 55	8-28330-5	• TUBE ASSY, FUEL TANK PRESSURE WELDED	1		35
- 56	8-28325	• ELBOW ASSY, DEFUEL ADAPTER WELDED ATTACHING PARTS	1		35
- 57	AN3H5A	• BOLT	4		35
- 58	AN960PD10L	• WASHER	12		35
- 59	NAS679A3	• NUT	4		35
- 60	AN3-10A	• BOLT	4		35
		-----X-----			
- 61	460-630-16	• SEAL, <83259> 97-93503-007	2		35
- 62	MS20756D16	• FLANGE	1		35
- 63	MS20762D16	• ELBOW	1		35
- 64	64A33336-1	• TUBE ASSEMBLY	1		35
- 65	AN815-16D	• UNION	1		35
- 66	MS21919H16	• CLAMP	1		35
- 67	AN929-16	• CAP	1		35
- 68	91-98026-024	• CLAMP ATTACHING PARTS	1		35
- 69	NAS679A3	• NUT	1		35
- 70	AN960PD10L	• WASHER	1		35
- 71	NAS221-9	• SCREW	1		35
- 72	4464C257M	• COUPLING, <98625> 92-73012-001	1		35
- 73	074956A 2749	• SEAL, <7324C> SPEC 8-00277-1 • SEAL (98159) SPEC 8-00277-1 ALT INTCHG WITH 074956	1 1		35 35
- 74	20442	• HOSE ASSY, HEAT EXCHANGE OUTLET <55820> SPEC 8-02492-5 ATTACHING PARTS	1		35
- 75	NAS679A4	• NUT	4		35
- 76	AN960PD416L	• WASHER	4		35
- 77	AN4-7A	• BOLT	4		35
- 78		• HEAT EXCHANGER ASSY, REFRIGERATION UNIT SEE FIG. 2.13-31 INDEX 53	RF		
- 79	075056 WC95-1-1/2D	• SEAL, <83259> SPEC 8-00278-1	1		35
- 80	WC95-1-1/2E	• VALVE ASSY, DUAL AIR CHECK <96138> SPEC 8-02494-3 T.C. 9P5-12-37-3 ATTACHING PARTS	1		35
- 81	AN4H5A	• BOLT	4		35
- 82	AN960PD416L	• WASHER	4		35
		-----X-----			
- 83	460-615-24	• SEAL, <83259> 97-93505-003	1		35
- 84	5063-1	• REGULATOR ASSY, AIR PRESSURE CG CONTROL <98439> 8-00945-1 T.C. 9P5-3-65-3 ATTACHING PARTS	1		35
- 85	NAS679A4	• NUT	3		35
- 86	AN960PD416L	• WASHER	3		35
- 87	NAS43DD4-12	• SPACER	1		35
- 88	AN4-36A	• BOLT	1		35
- 89	AN4-35A	• BOLT	2		35
		-----X-----			

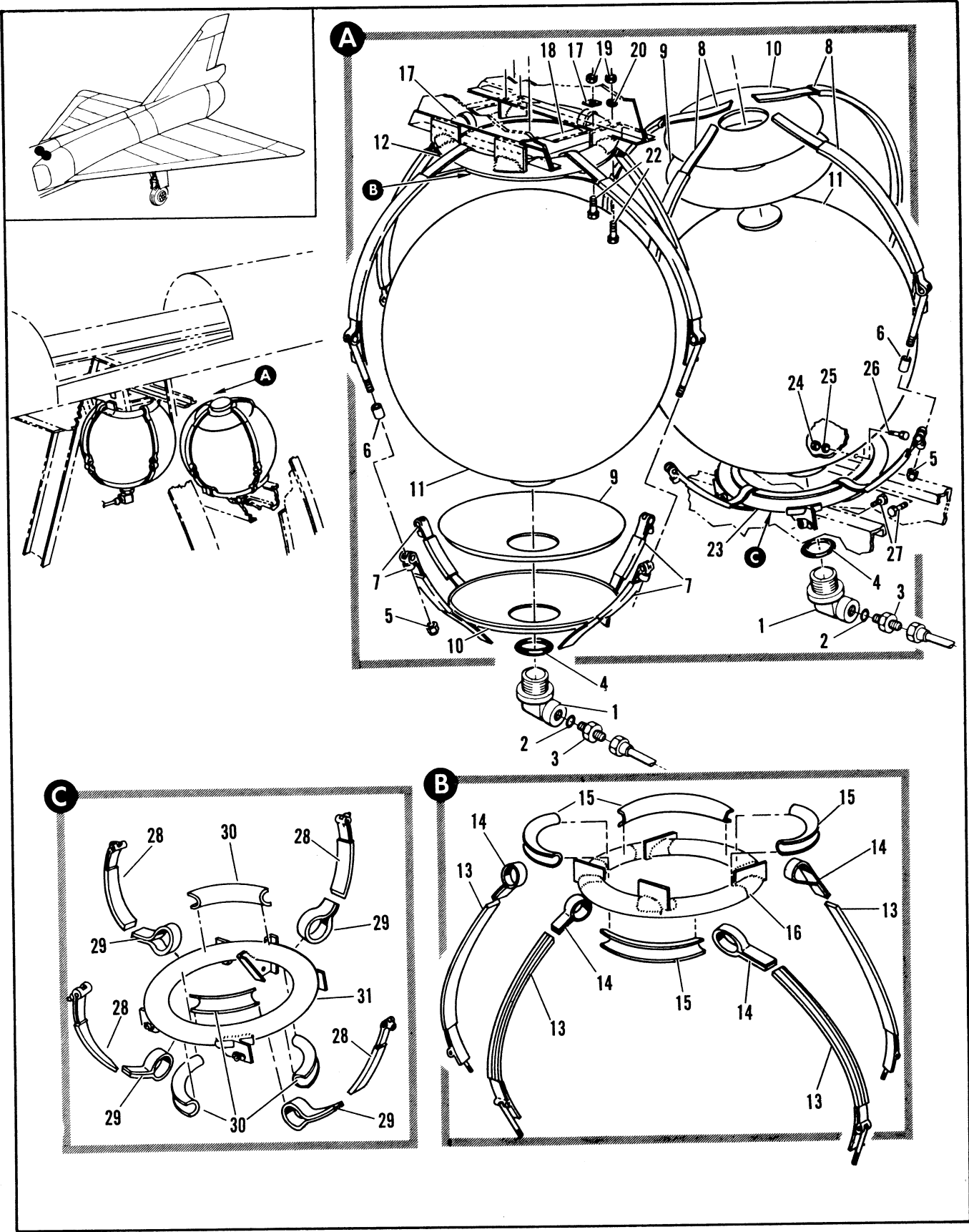


Figure 2.9-3. Pneumatic Flask Installation



FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.9-3	8-85021-1	FLASK INSTALLATION, PNEUMATIC FWD FOR NHA SEE FIG. 2.3-10	RF	35	
	8-85021	FLASK INSTALLATION, PNEUMATIC AFT FOR NHA SEE FIG. 2.3-10	RF	35	
	8-85021	FLASK INSTL, PNEUMATIC AFT MODIFIED BY 66E40416 FOR NHA SEE FIG. 2.3-10	RF		
- 1	67C34350-7	• ELBOW, BLEED AIR FLASK	1	35	
- 2	MS28778-12	• • GASKET	1	35	
- 3	MS21916D12-10	• • UNION	1	35	
- 4	AN6290-20	• GASKET	1	35	
- 5	NAS679A3	• NUT, FURNISHED WITH STRAP 98-54500-005 AND 98-54500-004 FOR NHA SEE FIG. 2.3-5	RF	35	
- 6	NAS43DD3-40	• SUPPORT ASSY, PNEUMATIC FLASK FWD FOR NHA SEE FIG. 2.303	4	35	
	8-85021-9	• SUPPORT ASSY, PNEUMATIC FLASK AFT FOR NHA SEE FIG. 2.3-3	RF	35	
- 7	50190-28-575	• • STRAP, LOWER FORWARD <98625> 98-54501-003	4	35	
- 8	50190-30-1600S	• • STRAP, UPPER AFT <98625> 98-54500-004	4	35	
- 9	8-85021-11	• • PAD	1	35	
- 10	8-85021-13	• • CUP	1	35	
- 11	ASFW2550	• FLASK, AIR STORAGE	1	35	
	ASFW2550	• FLASK AIR STORAGE (79318) ALT INTCHG WITH 8731618 830310 AND 876947	1	35	
	873161	• FLASK AIR STORAGE (33525) ALT INTCHG WITH ASFW2550, 830310 AND 876947	RF		
	830310	• FLASK AIR STORAGE (17996) ALT INTCHG WITH ASFW2550, 873161 AND 876947	RF		
	876947	• FLASK AIR STORAGE (33525) ALT INTCHG WITH ASFW2550, 873161 AND 830310	RF		
- 12	8-85106-3	• BRACKET ASSY, PNEUMATIC FLASK FWD	1	35	
- 13	50190-30-1325S	• • STRAP, UPPER FWD <98625> 98-54500-005	4	35	
- 14	8-85106-25	• • CLIP	4	35	
- 15	8-85106-27	• • PAD	4	35	
- 16	8-85106-7	• • BRACKET ASSY, FWD WELDED	1	35	
- 17	8-85021-15	• TEE, FWD RH	1	35	
- 18	8-85021-20	• TEE, FWD LH	1	35	
		ATTACHING PARTS			
- 19	NAS1022N3	• NUT	4	35	
- 20	AN960PD10	• WASHER	2	35	
- 21	8-85021-15	• SHIM	2	35	
- 22	AN173-5A	• BOLT	4	35	
		-----X-----			
- 23	8-85106-1	• CRADLE ASSY, PNEUMATIC FLASK AFT	1	35	
	66C40667-1	• CRADLE ASSY, PNEUMATIC FLASK AFT	1		
		ATTACHING PARTS			
- 24	NAS1022N3	• NUT	4	35	
	MS21042L3	• NUT	5		
- 25	AN960PD1032L	• WASHER	1	35	
	AN960D10L	• WASHER	10		
- 26	AN173-4A	• BOLT	5		
	NAS1103-2	• BOLT	4	35	
- 27	AN173-5A	• BOLT	4	35	
		-----X-----			
- 28	50190-28-300	• • STRAP, LOWER AFT <98625> 98-54501-004	4	35	
- 29	8-85106-25	• • CLIP	4	35	
- 30	8-85106-27	• • PAD	4	35	
- 31	8-85106-5	• • BRACKET ASSY, AFT WELDED	1	35	

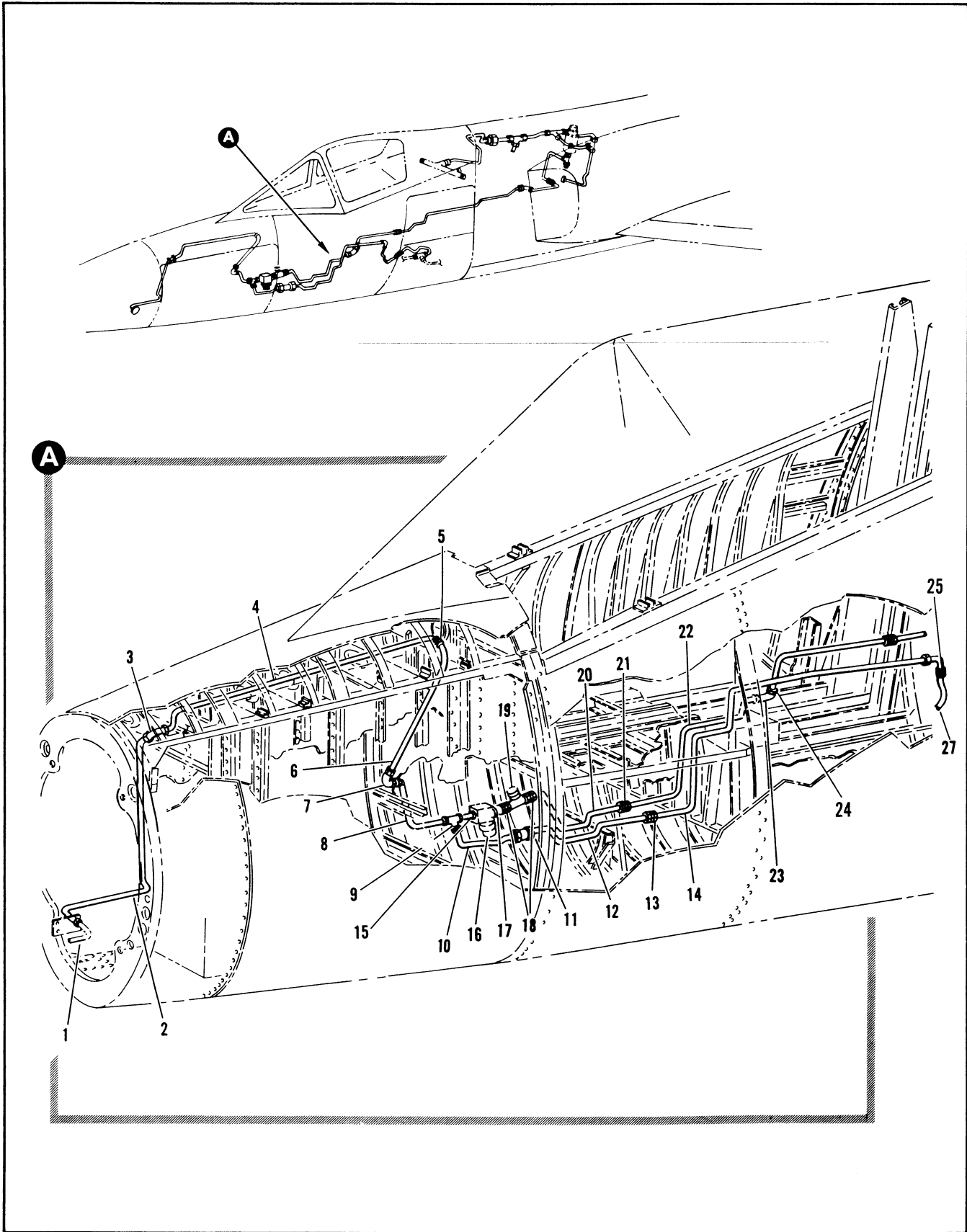


Figure 2.9-4. Low Pressure Pneumatic Radome Anti-Icing Tubing Installation (Sheet 1 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.9-4	8-80610	TURING INSTALLATION, LOW PRESSURE PNEUMATIC RADOME ANTI-ICING	1	35	
- 1		• HOSE ASSY	RF 1	35	
- 2	8-80610-309	• TUBE ASSY, DISCONNECT	1	35	
- 3	MS21908D6	• ELBOW	1	35	
	AN924-6D	• NUT	1	35	
	AN960D916L	• WASHER	1	A	
- 4	8-80610-11	• TUBE ASSY, DISCONNECT	1	B	
	8-80610-439	• TUBE ASSY, DISCONNECT	1	35	
- 5	MS21902D6	• UNION	1	A	
- 6	8-80610-13	• TUBE ASSY, DISCONNECT	1	B	
	8-80610-437	• TUBE ASSY, DISCONNECT	1	35	
- 7	MS21908D6	• ELBOW	1	35	
	AN924-6D	• NUT	1	35	
	AN960D916L	• WASHER	1	35	
- 8	8-80610-337	• TUBE ASSY, DISCONNECT	1	35	
- 9	MS21910D6	• TEE	1	35	
	MS21916D6-4	• REDUCER	1	35	
	AN6290-6	• GASKET	1	35	
- 10	8-80610-339	• TUBE ASSY, DISCONNECT	1	35	
- 11	1909	• VALVE ASSY, <81896> 97-54900-004	1	35	
- 12	8-80610-27	• TUBE ASSY, RADOME ANTI-ICING	1	35	
- 13	MS21902D4	• UNION	1	35	188
- 14	8-80610-29	• TUBE ASSY, RADOME ANTI-ICING	1	189	
	8-80610-473	• TUBE ASSY, RADOME ANTI-ICING	1	35	
- 15	8-80610-17	• TUBE ASSY, FILTER	2	35	
	MS21916D6-4	• REDUCER	2	35	
	AN6290-6	• GASKET	RF		
- 16		• FILTER, RADOME ANTI-ICING SEE FIG. 2.13-1 INDEX 3	1	35	
- 17	8-80610-15	• TUBE ASSY, ANTI-ICING VALVE	2	35	
- 18	MS21902D6	• UNION	2	35	
	AN6290-6	• GASKET	RF		
- 19		• VALVE ASSY, RADOME ANTI-ICING SEE FIG. 2.13-1 INDEX 11	1	35	
- 20	8-80610-21	• TUBE ASSY, GLYCOL TANK	1	35	
- 21	MS21902D6	• UNION	1	35	
- 22	8-80610-23	• TUBE ASSY, GLYCOL TANK	1	35	
- 23	MS21908D6	• ELBOW	1	35	
	AN924-6D	• NUT	1	35	
	AN960D916	• WASHER	1	35	
- 24	MS21914D6	• CAP	1	35	
- 25	MS21902D6	• UNION	1	35	
- 26	MS21907D4	• ELBOW	1	35	
	AN924-4D	• NUT	1	35	
	AN960D716	• WASHER	1	35	

A AIRPLANES #35 THRU 47 AND 49 THRU 89  
 B AIRPLANES #48, 90 AND ON

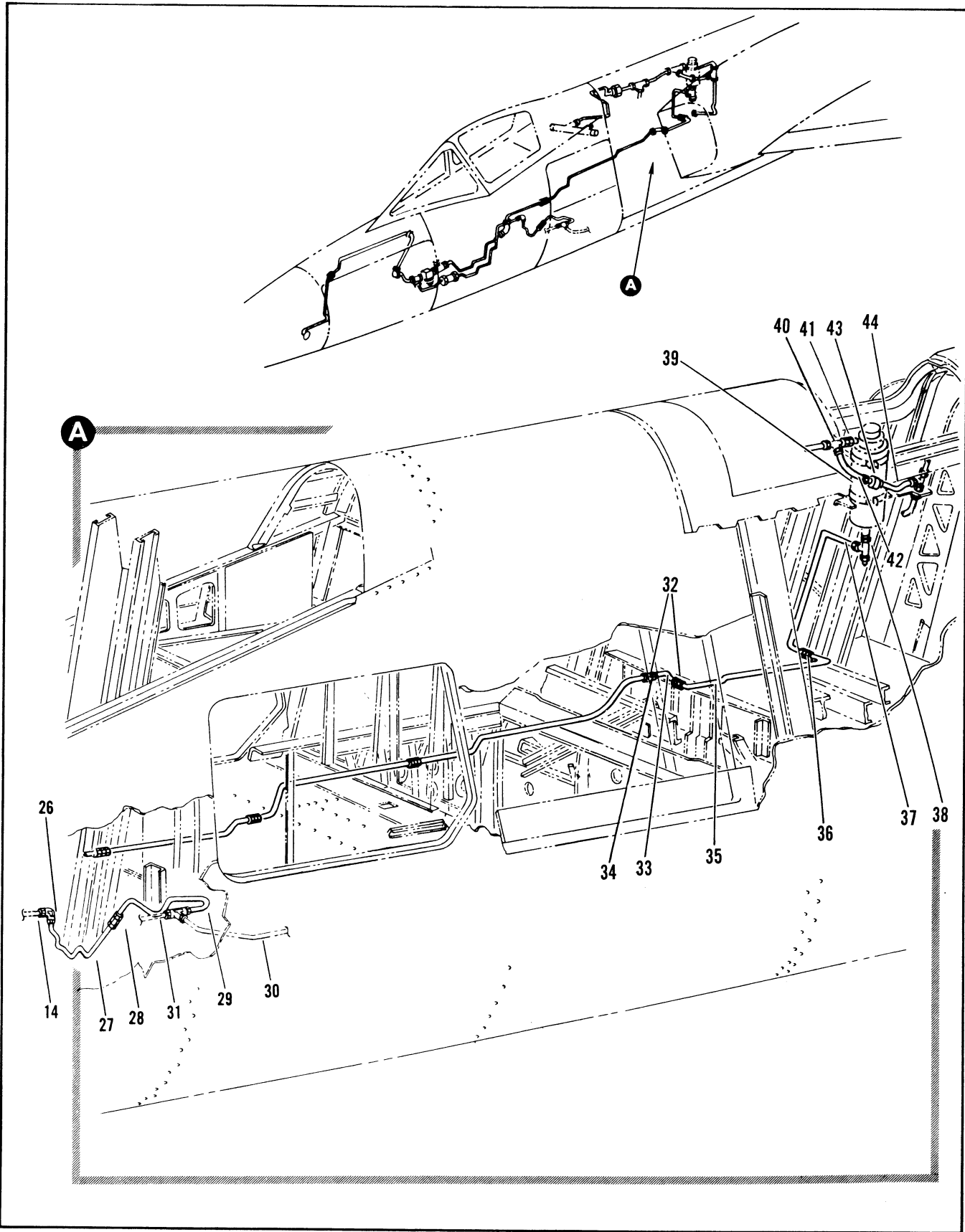


Figure 2.9-4. Low Pressure Pneumatic Radome Anti-Icing Tubing Installation (Sheet 2 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.9-4- 45	MS21902D6	• UNION	1	35	
- 46	8-80610-267	• TUBE ASSY, TANK DRAIN	1	35	
- 47	MS21910D6	• TEE	1	35	
	AN924-60	• NUT	1	35	
	AN960D916L	• WASHER	1	35	
	MS21916D6-3	• REDUCER	1	35	
	AN6290-6	• GASKET	1	35	
- 48	8-80610-145	• TUBE ASSY, TANK DRAIN	1	35	
	MS21902D6	• UNION	1	35	
	AN6290-6	• GASKET	1	35	
- 49	8-80610-263	• TUBE ASSY, MANIFOLD	1	35	
- 50	7S21910D4	• TEE	1	35	
	AN924-40	• NUT	1	35	
	AN960D716L	• WASHER	1	35	
- 51	R347	• VALVE ASSY, SAFETY <07811> SPEC 8-08367-801 T.O.15A2-9-11-13	1	35	
	AN6290-4	• GASKET	1	35	
- 52	K1280-4-2	• VALVE ASSY, CHECK <75361> 99-33102-005	1	35	
	51280-4	• VALVE ASSY, CHECK <75361> 99-33102-001 ALT INTCHG WITH K1280-4-2	RF	35	
	AN6290-4	• GASKET	2	35	
- 53	1908	• RESTRICTOR, FILTERED <81896> 97-54900-003	1	35	
- 54	8-80610-135	• TUBE ASSY, MANIFOLD	1	35	
- 55	MS21902D4	• UNION	1	35	
- 56	8-80610-295	• TUBE ASSY, MANIFOLD	1	35	
- 57	MS21902D4	• UNION	1	35	
	AN6290-4	• GASKET	1	35	
- 58		• MANIFOLD ASSY, SEE FIG. 2.9-5 INDEX 18	RF		

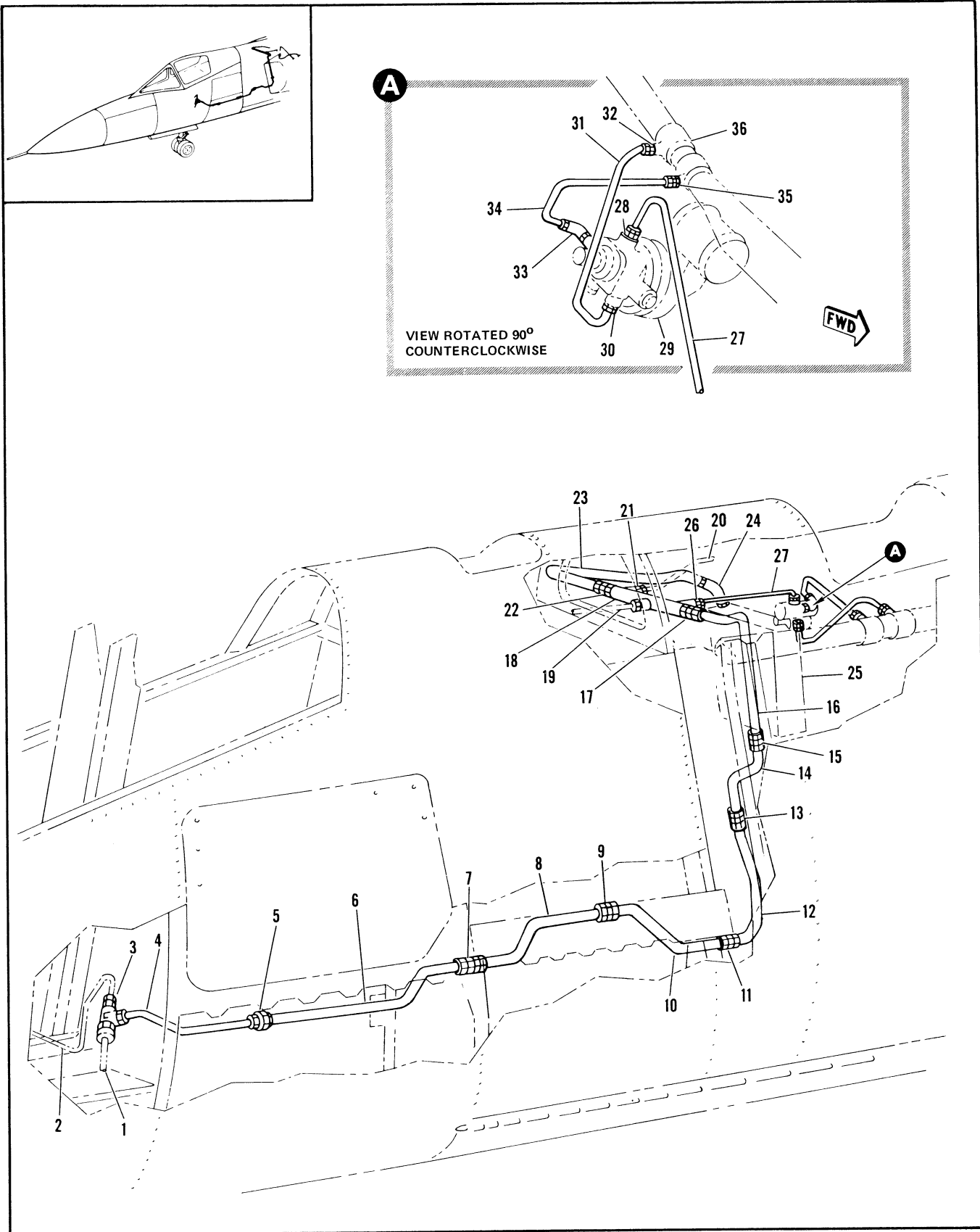


Figure 2.9-5. Low Pressure Pneumatic G Suit and Flow Tubing Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.9-5	8-80610	TUBING INSTALLATION, LOW PRESSURE PNEUMATIC G SUIT AND FLOW CONTROL	1	35	
- 1		• TUBE ASSY, G SUIT SEE FIG. 2.9-1 INDEX 30	RF		
- 2		• TUBE ASSY, RADOME ANTI-ICING SEE FIG. 2.9-4 INDEX 29	RF		
- 3	MS21910D10	• TEE	1	35	
	N924-100	• NUT	1	35	
	8-80610-409	• WASHER, ALTERED FROM AN960D1416	1	35	
	MS21916D10-4	• REDUCER	1	35	
	AN6290-10	• GASKET	1	35	
- 4	8-80610-357	• TUBE ASSY, G SUIT	1	35	
- 5	MS21916D12-10	• REDUCER	1	35	
- 6	62A35023-1	• TUBE ASSY, G SUIT SEE FIG. 2.13-15 INDEX 42			
- 7	MS21903D12	• UNION	1	35	
	AN924-12D	• NUT	1	35	
	AN960D1716	• WASHER	1	35	
- 8	8-80610-121	• TUBE ASSY, MANIFOLD	1	35	
- 9	MS21902D12	• UNION	1	35	
- 10	8-80610-401	• TUBE ASSY, MANIFOLD	1	35	
- 11	MS21902D4	• UNION	1	35	
- 12	8-80610-403	• TUBE ASSY, MANIFOLD	1	35	
- 13	MS21902D12	• UNION	1	35	
- 14	8-80610-355	• TUBE ASSY, MANIFOLD	1	35	
- 15	MS21902D12	• UNION	1	35	
- 16	8-80610-357	• TUBE ASSY, MANIFOLD	1	35	
- 17	MS21902D12	• UNION	1	35	
- 18	8-23715	• MANIFOLD ASSY, WELDED	1	35	
- 19		• TUBE ASSY, VARIABLE AIR RAMP SEE FIG. 2.9-6 INDEX 3	RF		
- 20		• TUBE ASSY, MANIFOLD SEE FIG. 2.9-4 INDEX 56	RF		
- 21	MS21902D4	• UNION	1	35	
	AN6290-4	• GASKET	1	35	
- 22	MS1902D12	• UNION	1	35	
- 23	8-80610-259	• TUBE ASSY, REFRIGERATION	1	35	
- 24	MS21908D12	• ELBOW	1	35	
	AN6289D12	• NUT	1	35	
	AN6290-12	• GASKET	1	35	
	AN6291-12	• RING	1	35	
- 25		• HEAT EXCHANGER ASSY, RF SEE FIG. 2.13-33 INDEX 51	PF		
- 26	MS21902D6	• UNION	1	35	
	AN6290-6	• GASKET	1	35	
- 27	8-80610-415	• TUBE ASSY, FLOW CONTROL	1	35	
- 28	MS21907D6	• ELBOW	1	35	
	AN924-6D	• NUT	1	35	
	AN6290-6	• GASKET	1	35	
- 29		• VALVE ASSY, FLOW DIVIDER SEE FIG. 2.13-1 INDEX 121	RF		
- 30	MS21902D4	• UNION	1	35	
	AN6290-4	• GASKET	1	35	
- 31	8-80610-367	• TUBE ASSY, AIR FLOW SENSOR	1	35	
- 32	MS21902D4	• UNION	1	35	
	AN6290-4	• GASKET	1	35	
- 33	MS21908D5	• ELBOW	1	35	
	AN924-5D	• NUT	1	35	
	AN6290-5	• GASKET	1	35	
- 34	7036970-10	• TUBE ASSY, AIR FLOW SENSOR	1	35	
- 35	MS21902D5	• UNION	1	35	
	AN6290-5	• GASKET	1	35	
- 36		• DUCT ASSY, COCKPIT HOT AIR BYPASS WELDED	RF		

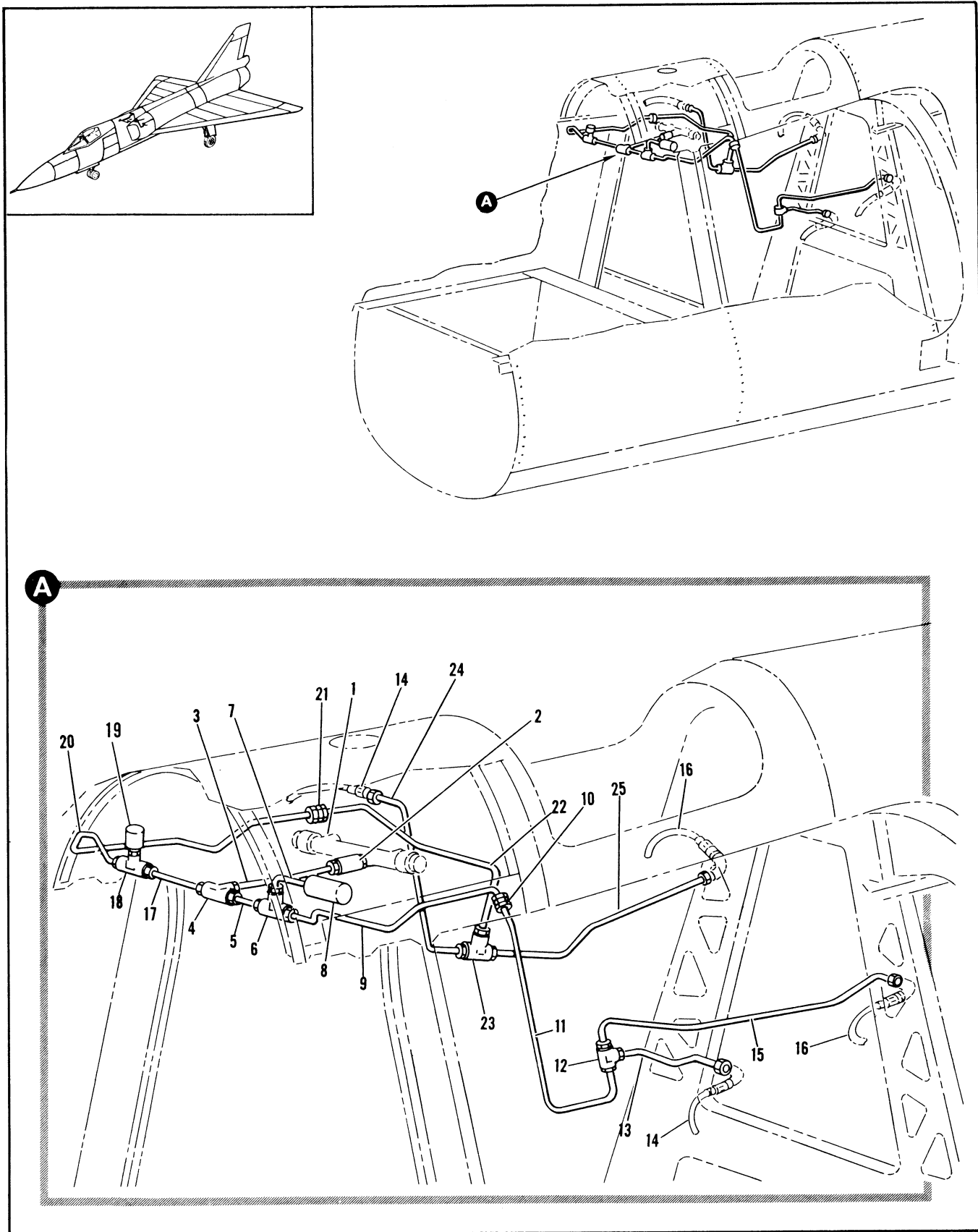


Figure 2.9-6. Low Pressure Pneumatic Variable Air Ramp Seal Tubing Installation



FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.9-6	8-80610	TUBING INSTALLATION, LOW PRESSURE PNEUMATIC VARIABLE AIR RAMP SEAL	1	35	
- 1		• MANIFOLD ASSEMBLY SEE FIG. 2.9-5 INDEX 19	RF		
- 2	1908	• RESTRICTOR, FILTERED <81896> 97-54900-003	1	35	
	AN6290-4	• GASKET	1	35	
- 3	8-80610-303	• TUBE ASSY, VARIABLE AIR RAMP	1	35	
- 4	MS2190504	• TEE	1	35	
- 5	8-80610-177	• TUBE ASSY, LH	1	35	
- 6	MS2191004	• TEE	1	35	
	AN924-40	• NUT	1	35	
	AN9600716L	• WASHER	1	35	
	MS2191505-4	• REDUCER	1	35	
	AN6290-4	• GASKET	1	35	
- 7	8-80610-179	• TUBE ASSY, SAFETY VALVE	1	35	
- 8	R348	• VALVE ASSY, SAFETY <07811> SPEC 8-08367-803	1	35	
- 9	8-80610-181	• TUBE ASSY, LH	1	35	
- 10	MS2190204	• UNION	1	35	
- 11	8-80610-183	• TUBE ASSY, LH	1	35	
- 12	MS2190504	• TEE	1	35	
- 13	8-80610-363	• TUBE ASSY, UPPER SEAL LH	1	35	
- 14		• HOSE ASSY, VARIABLE AIR RAMP SEAL FWD SEE FIG. 2.11-7 INDEX 2	RF		
- 15	8-80610-399	• TUBE ASSY, LWR SEAL LH	1	35	
- 16		• HOSE ASSY, VARIABLE AIR RAMP SEAL AFT SEE FIG. 2.11-7 INDEX 3	RF		
- 17	8-80610-173	• TUBE ASSY, RH	1	35	
- 18	MS2191004	• TEE	1	35	
	AN924-40	• NUT	1	35	
	AN9600716L	• WASHER	1	35	
- 19	R347	• VALVE ASSY, SAFETY <07811> SPEC 8-08367-801 T.O. 15A2-9-11-13	1	35	
	AN6290-4	• GASKET	1	35	
- 20	8-80610-195	• TUBE ASSY, RH	1	35	
- 21	MS2190204	• UNION	1	35	
- 22	8-80610-467	• TUBE ASSY, RH	1	61	
- 23	MS2190504	• TEE	1	35	
- 24	8-80610-365	• TUBE ASSY, UPPER SEAL LH	1	35	
- 25	8-80610-455	• TUBE ASSY, LWR SEAL RH	1	61	

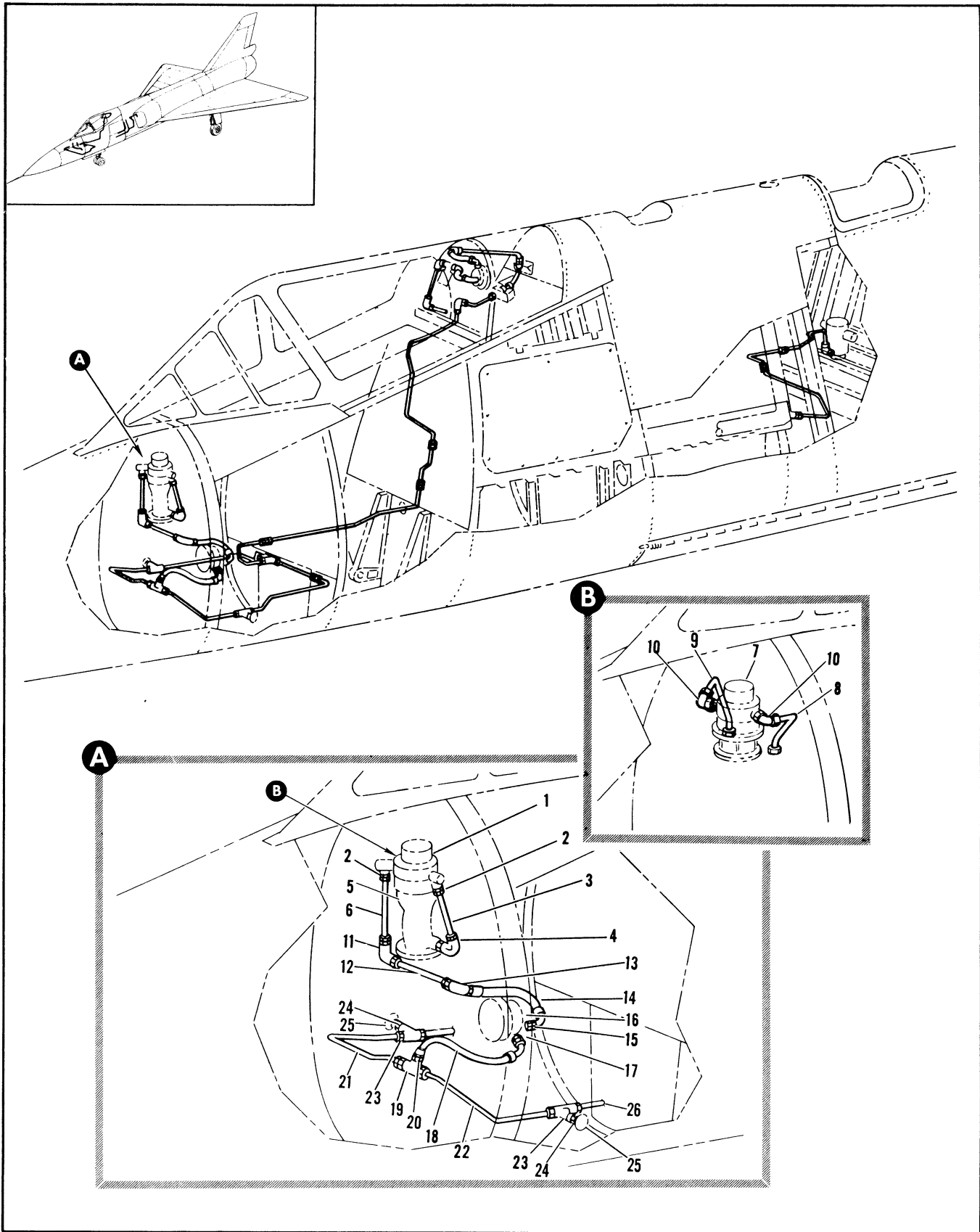


Figure 2.9-7. Low Pressure Pneumatic Cockpit Pressure Control Tubing Installation (Sheet 1 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.9-7	8-80610	TUBING INSTALLATION, LOW PRESSURE PNEUMATIC COCKPIT PRESSURE CONTROL	1	35	
- 1		• VALVE ASSY, OUTFLOW COCKPIT AIR SEE FIG. 2.13-4 INDEX 1	RF		
- 2	MS21902D4	• UNION	2	A	
	AN6290-4	• GASKET	2	A	
- 3	8-80610-81	• TUBE ASSY, PRESSURE OUT FLOW	1	A	
- 4	MS21908D4	• ELBOW	1	A	
	AN924-4D	• NUT	1	A	
	AN6290-4	• GASKET	1	A	
- 5		• SUPPORT, SEE FIG. 2.13-4 INDEX 5	RF		
- 6	8-80610-83	• TUBE ASSY, PRESSURE CONTROL	1	A	
- 7		• VALVE ASSY, OUTFLOW AIR SEE FIG. 2.13-4 INDEX 14	RF		
- 8	8-80610-459	• TUBE ASSY, PRESSURE OUT FLOW	1	B	
- 9	8-80610-461	• TUBE ASSY, PRESSURE CONTROL	1	R	
- 10	MS21908D4	• ELBOW	2	R	
	AN924-4D	• NUT	2	B	
- 11	MS21908D4	• ELBOW	1	35	
	AN924-4D	• NUT	1	35	
	AN960D716L	• WASHER	1	35	
- 12	8-80610-197	• TUBE ASSY, PRESSURE CONTROL	1	A	
	8-80610-441	• TUBE ASSY, PRESSURE CONTROL	1	48	49
	8-80610-471	• TUBE ASSY, PRESSURE CONTROL	1	90	
- 13	MS21908D4	• ELBOW	1	A	
	MS21903D4	• UNION	1	R	
	AN924-4D	• NUT	1	35	
	AN960D716L	• WASHER	1	35	
- 14	616048-4-C106	• HOSE ASSY, <00624> 94-80517-020 REPLACED BY NOT INTCHG WITH 616048-4-0070	1	A	
	616048-4-0070	• HOSE ASSY, <00624> 94-80517-039 REPLACES NOT INTCHG WITH 616048-4-0106	1	R	
- 15	MS21902D4	• UNION	1	35	
- 16		• CONTROL, COCKPIT AIR PRESSURE REGULATOR SEE FIG. 2.13-4 INDEX 10	RF		
- 17	MS21902D4	• UNION	1	35	
- 18	616048-4-0090	• HOSE ASSY, <00624> 94-80517-019 REPLACED BY NOT INTCHG WITH 616046-4-0132	1	A	
	616046-4-0132	• HOSE ASSY, <00624> 94-80517-012 REPLACES NOT INTCHG WITH 616048-4-0090	1	R	
- 19	MS21910D6	• TEE	1	35	
	AN924-6D	• NUT	1	35	
	AN960D916L	• WASHER	1	35	
- 20	MS21916D6-4	• REDUCER	1	35	
	AN6290-6	• GASKET	1	35	
- 21	8-44899-83	• TUBE ASSY, INFRARED SEEKER	1	35	
- 22	8-80610-201	• TUBE ASSY, STATIC PORT	1	A	
	8-80610-443	• TUBE ASSY, STATIC PORT	1	R	
- 23	MS1910D6	• TEE	2	35	
- 24	MS21902D6	• UNION	2	35	
	AN6290-6	• GASKET	2	35	
- 25		• FLANGE, PNEUMATIC SENSING STATIC PRESSURE SEE FIG. 2.9-1 INDEX 1	RF		

A AIRPLANES #35 THRU 47 AND 49 THRU 89  
B AIRPLANES #48, 90 AND ON

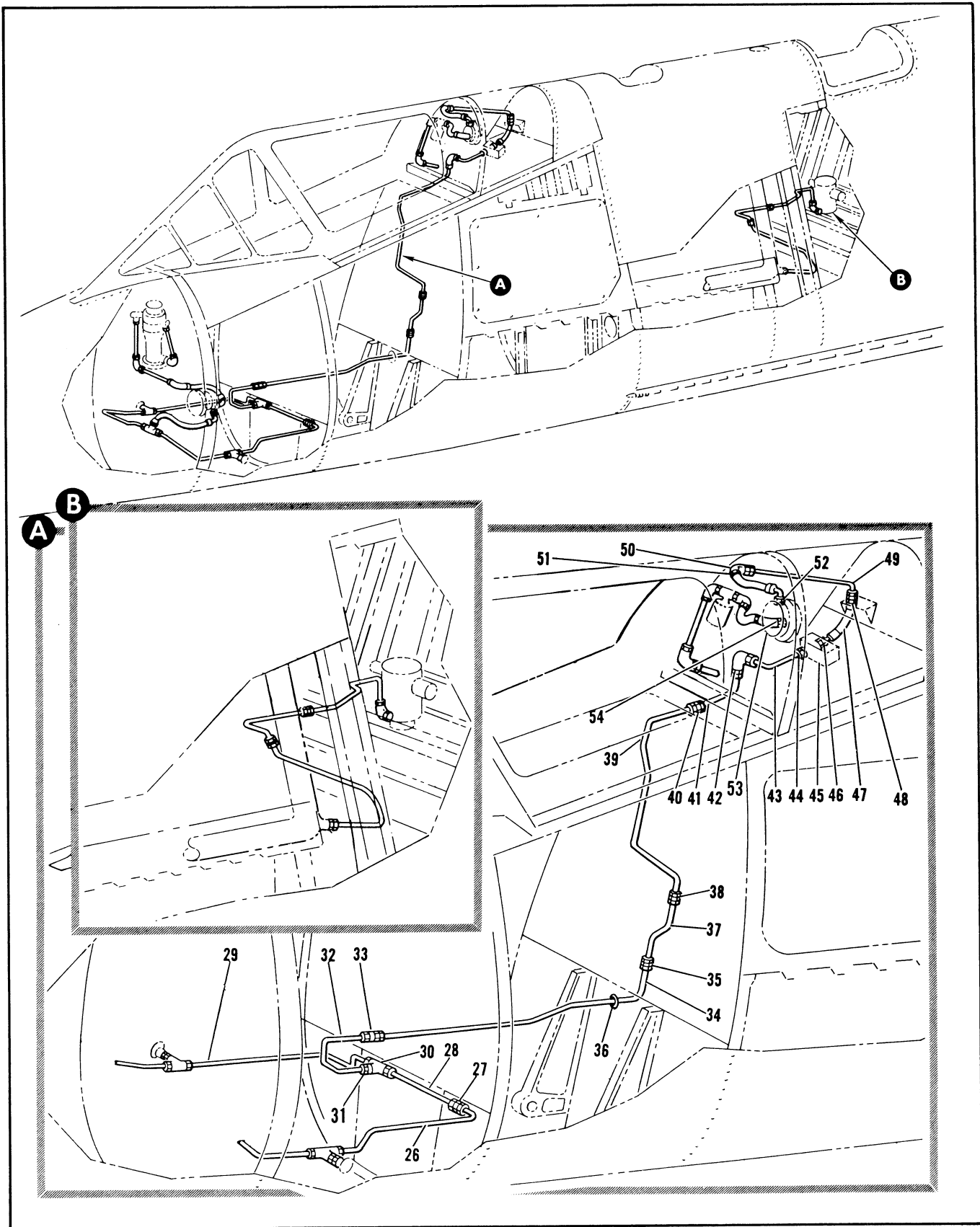


Figure 2.9-7. Low Pressure Pneumatic Cockpit Pressure Control Tubing Installation (Sheet 2 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.9-7- 26	8-80610-323	• TUBE ASSY, STATIC PORT	1	A	
	8-80610-445	• TUBE ASSY, STATIC PORT	1	B	
- 27	MS21902D6	• UNION	1	35	
- 28	8-80610-325	• TUBE ASSY, STATIC PORT	1	A	
	8-80610-447	• TUBE ASSY, STATIC PORT	1	B	
- 29	8-80610-327	• TUBE ASSY, STATIC PORT	1	A	
	8-80610-469	• TUBE ASSY, STATIC PORT	1	B	
- 30	MS21910D6	• TEE	1	35	
	AN924-6D	• NUT	1	35	
	AN960D916L	• WASHER	1	35	
- 31	MS21916D6-4	• REDUCER	1	35	
	AN6290-6	• GASKET	1	35	
- 32	8-80610-333	• TUBE ASSY, QUICK DISCONNECT	1	A	
	8-80610-451	• TUBE ASSY, QUICK DISCONNECT	1	B	
- 33	MS21903D4	• UNION	1	35	
	AN924-4D	• NUT	1	35	
	AN960D716	• WASHER	1	35	
- 34	8-80610-427	• TUBE ASSY, QUICK DISCONNECT	1	35	
- 35	MS21902D4	• UNION	1	35	
- 36	AN931-4-12	• GROMMET	1	35	
- 37	8-80610-35	• TUBE ASSY, QUICK DISCONNECT	1	35	
- 38	MS21903D4	• UNION	1	35	
	AN924-4D	• NUT	1	35	
	AN960D716L	• WASHER	1	35	
- 39	7037026-10	• TUBE ASSY, QUICK DISCONNECT	1	35	
- 40	MS21902D4	• UNION	1	35	
- 41	8-80610-73	• TUBE ASSY, QUICK DISCONNECT	1	35	
- 42	MS21908D5	• ELBOW	1	35	
	AN924-5D	• NUT	1	35	
	AN960D816	• WASHER	1	35	
- 43	8-80610-85	• TUBE ASSY, QUICK DISCONNECT	1	35	
- 44	MS21902D5	• UNION	1	35	
	AN6290-5	• GASKET	1	35	
- 45		• FITTING ASSY, BREAKAWAY SEE FIG. 2.4-6 INDEX 72	RF		
- 46	MS21902D4	• UNION	1	35	
	AN6290-4	• GASKET	1	35	
- 47	616048-4-0082	• HOSE ASSY, <00624> 94-80517-008	1	35	
- 48	MS21903D4	• UNION	1	35	
	AN924-4D	• NUT	1	35	
	AN960D716	• WASHER	1	35	
- 49	8-80610-353	• TUBE ASSY, COCKPIT SAFETY VALVE	1	35	
- 50	MS21907D4	• ELBOW	1	35	
	AN924-4D	• NUT	1	35	
	AN960D716	• WASHER	1	35	
- 51	616043-4-0147	• HOSE ASSY, <00624> 94-80517-061	1	189	
- 52	MS21902D4	• UNION	1		189
	MS21926-4C	• ELBOW	1	189	
	AN924-4D	• NUT	1	189	
	AN6290-4	• GASKET	1	35	
- 53	103080-40	• VALVE ASSY, SEE FIG. 2.13-19 INDEX 1	RF		189
- 54	MS21926-6C	• ELBOW	1	189	
	AN924-6D	• NUT	1	189	
	AN6290-6	• GASKET	1	35	

A AIRPLANES #35 THRU 47 AND 49 THRU 89  
 B AIRPLANES #48, 90 AND ON

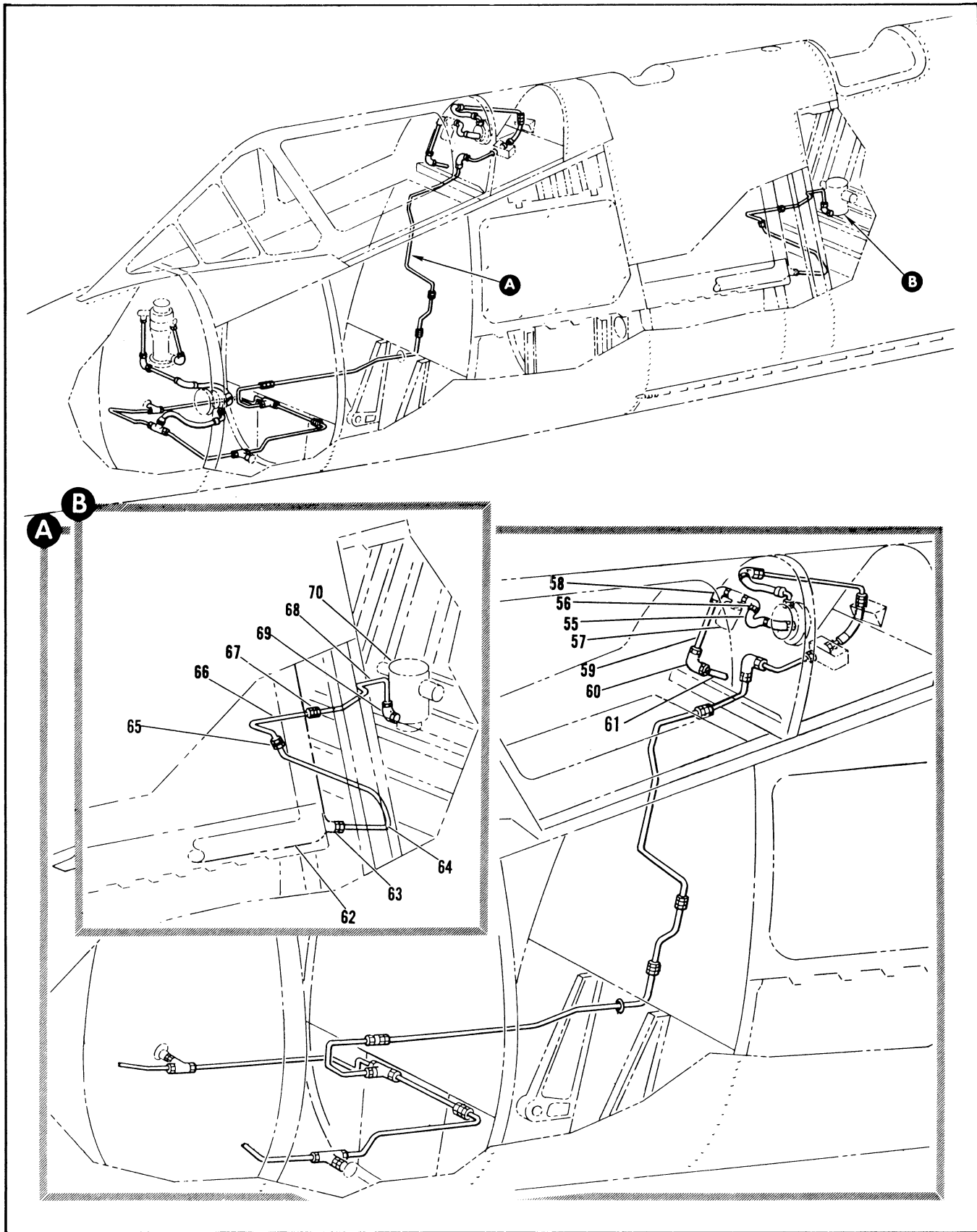


Figure 2.9-7. Low Pressure Pneumatic Cockpit Pressure Control Tubing Installation (Sheet 3 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.9-7- 55	616043-6-0122	• HOSE ASSY, <00624> 94-80517-062	1	189	
- 56	MS21908D6	• ELBOW	1	35	
	AN924-6D		1	35	
	AN6290-6	• GASKET	1	35	
- 57		• VALVE ASSY, SOLENOID SEE FIG. 2.13-19 INDEX 5	PF		
- 58	MS21908D6	• ELBOW	1	35	
	AN924-6D	• NUT	1	35	
	AN6290-6	• GASKET	1	35	
- 59	8-80610-101	• TUBE ASSY, SAFETY VENT	1	35	
- 60	MS21908D6	• ELBOW	1	35	
	AN924-6D	• NUT	1	35	
	AN960D916	• WASHER	1	35	
- 61	8-80610-103	• TUBE ASSY, SAFETY VENT	1	35	
- 62		• DUCT ASSY, COCKPIT COOLING SEE FIG. 2.13-9 INDEX 60	RF		
- 63	MS21902D4	• UNION	1	35	
	AN6290-4	• GASKET	1	35	
- 64	64A34214-1	• TUBE ASSY, LOW PRESSURE PNEUMATIC	1		
			1		
- 65	MS21902D4	• UNION	1	35	
- 66	8-80610-169	• TUBE ASSY, SHUTOFF VALVE	1	35	
- 67	MS21902D4	• UNION	1	35	
- 68	8-80610-431	• TUBE ASSY, SHUTOFF VALVE	1	35	
- 69	MS21908D6	• ELBOW	1	35	
	AN924-4D	• NUT	1	35	
	AN6290-4	• GASKET	1	35	
- 70		• VALVE ASSY, REGULATOR AND SHUTOFF HOT AIR PRESSURE STA 298 SEE FIG. 2.13-24 INDEX 16	PF		

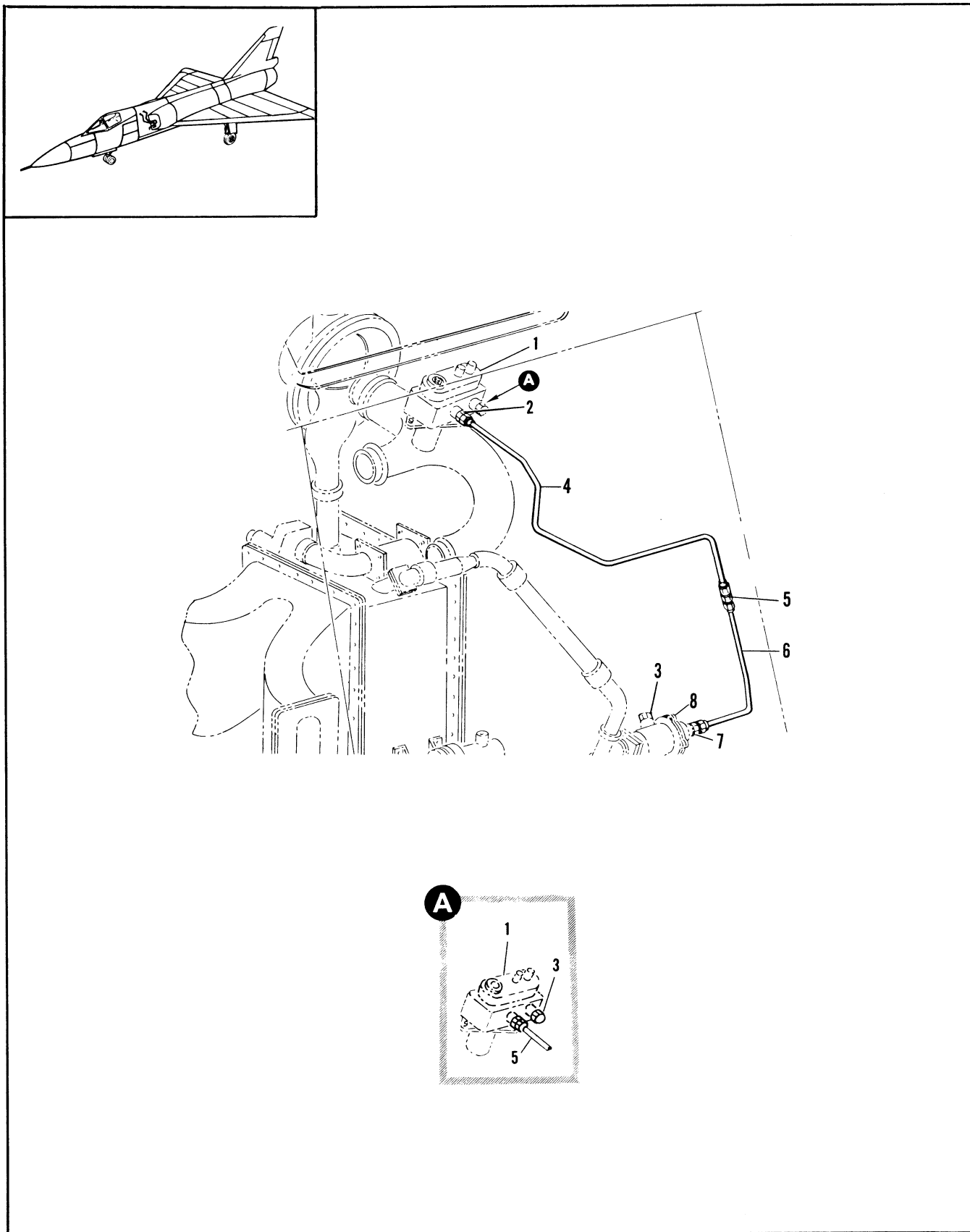


Figure 2.9-8. Low Pressure Pneumatic Refrigeration Unit Bleed Air Sensing Tubing Installation



FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.9-8	8-80610	TUBING INSTALLATION, LOW PRESSURE PNEUMATIC REFRIGERATION UNIT BLEED AIR SENSING • THERMOSTAT, TURBINE DISCHARGE SEE FIG. 2.13-30 INDEX 4	1	35	
- 1			RF		
- 2	MS21902D4	• UNION	2	35	240
- 3	AN6290-4	• GASKET	2	35	240
- 5	AN929-4	• CAP	2		
- 5	MS21902D4	• UNION	1	35	
- 6	8-80610-419	• TUBE ASSY, BLEED AIR SENSING	1	35	
- 7	MS21902D4	• UNION	1	35	240
- 8	AN6290-4	• GASKET	1	35	240
		• VALVE, BYPASS HEAT EXCHANGER SEE FIG. 2.13-30 INDEX 11	RF		

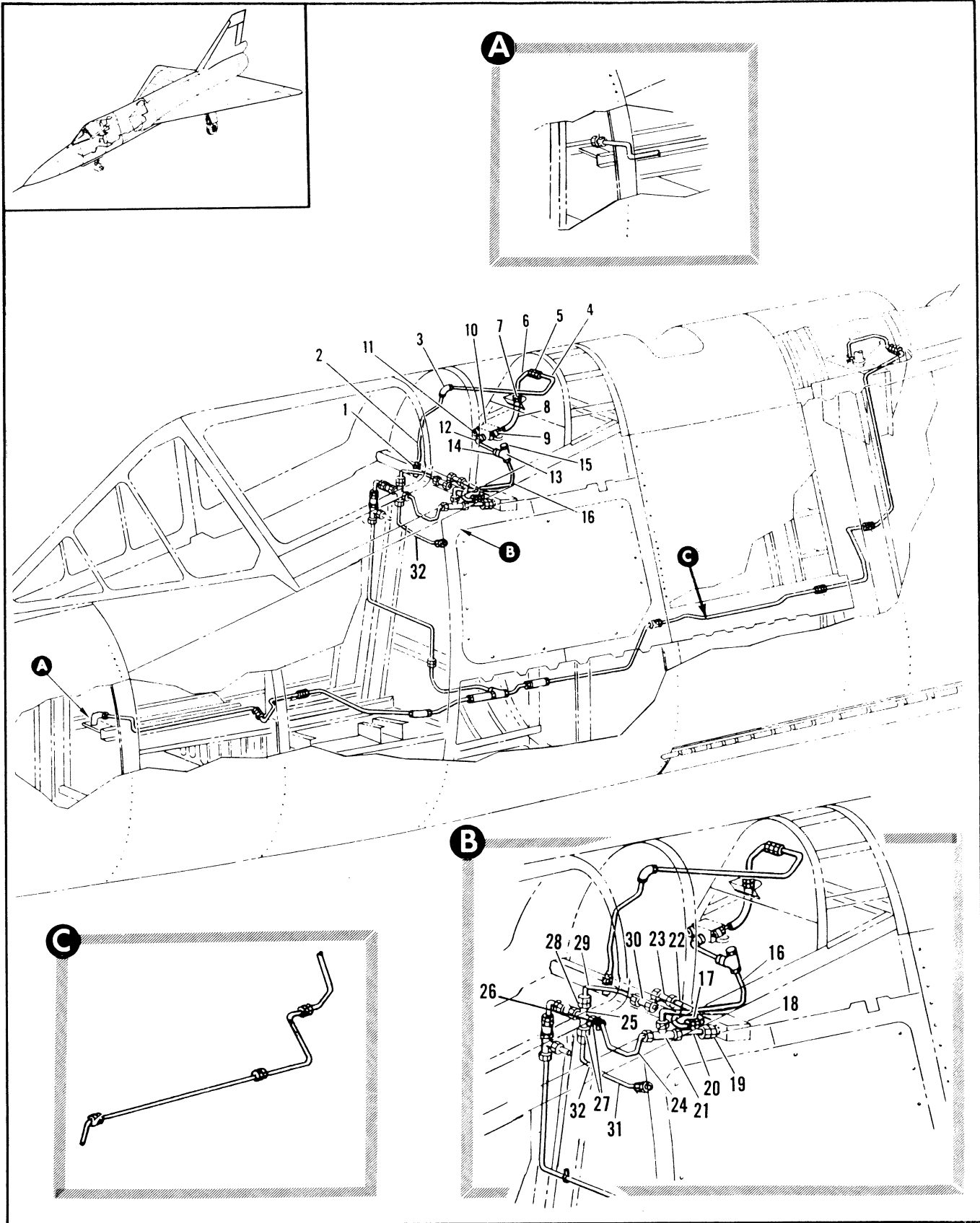


Figure 2.9-9. Low Pressure Pneumatic Canopy Seal Tubing Installation (Sheet 1 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.9-9	8-80610	TUBING INSTL, LOW PRESSURE PNEUMATIC CANOPY SEAL MODIFIED BY 66E40089	1		
- 1		• SEAL, SEE FIG. 2.4-9 INDEX 8	RF		
- 2	8-80610-111	• TUBE ASSY, CANOPY SEAL	1	35	
- 3	MS2190804	• ELBOW	1	35	
	AN924-40	• NUT	1	35	
	AN9630716	• WASHER	1	35	
- 4	8-80610-109	• TUBE ASSY, CANOPY SEAL	1	35	
- 5	MS2191606-4	• REDUCER	1	35	
- 6	8-80610-107	• TUBE ASSY, CANOPY SEAL	1	35	
- 7	MS2190306	• UNION	1	35	
	AN924-60	• NUT	1	35	
	AN9630916	• WASHER	1	35	
- 8	616048-600080				
- 9	MS2190206	• UNION	1	35	
	AN6290-6	• GASKET	1	35	
- 10		• FITTING ASSY, BREAKAWAY SEE FIG. 2.4-6 INDEX 18	RF		
- 11	MS2190205	• UNION	1	35	
	AN6290-5	• GASKET	1	35	
- 12	8-80610-253	• TUBE ASSY, SELECTOR VALVE	1	35	
- 13	MS2191105	• TEE	1	35	
	AN924-50	• NUT	1	35	
	AN9630816	• WASHER	1	35	
- 14	AN919-30	• REDUCER	1	35	
	AN6290-5	• GASKET	1	35	
- 15	AN929-4	• CAP	1	35	
- 16	67A36607-1	• TUBE ASSY, PNEUMATIC CANOPY SEAL	1		
- 17	MS2191605-4	• REDUCER	1	35	
	AN6290-4	• GASKET	2	35	
- 18		• VALVE ASSY, CANOPY SEAL SEE FIG. 2.4-12 INDEX 113	RF		
- 19	MS2190204	• UNION	1	35	
	AN6290-4	• GASKET	1	35	
- 20	8-80610-275	• TUBE ASSY, FILTERED RESTRICTOR	1	35	
- 21	MS2190504	• TEE	1	35	
- 22	8-80610-291	• TUBE ASSY, RELIEF VALVE	1	35	
- 23	R347	• VALVE ASSY, SAFETY <07811> SPEC 8-08367-801 T.O.15A2-9-11-13	1	35	
- 24	7037029-10	• TUBE ASSY, FILTERED RESTRICTOR	1	35	
- 25	AN93704	• CROSS	1	35	
- 26	7037044	• CLIP	1	35	
- 27	MS2190204	• UNION	2	35	
	AN6290-4	• GASKET	2	35	
- 28	MS2191605-4	• REDUCER	1	35	
	AN6290-4	• GASKET	2	35	
- 29	7037025-10	• TUBE ASSY, SAFETY VALVE	1	35	
- 30	R348	• VALVE ASSY, SAFETY <07811> SPEC 8-08367-803	1	35	
- 31	7037028-10	• TUBE ASSY, GROUND TEST	1	35	
- 32	MS21919064	• CLAMP	1	35	
	MS35207-263	• SCREW	1	35	
	MS21944N3	• NUT	1	35	

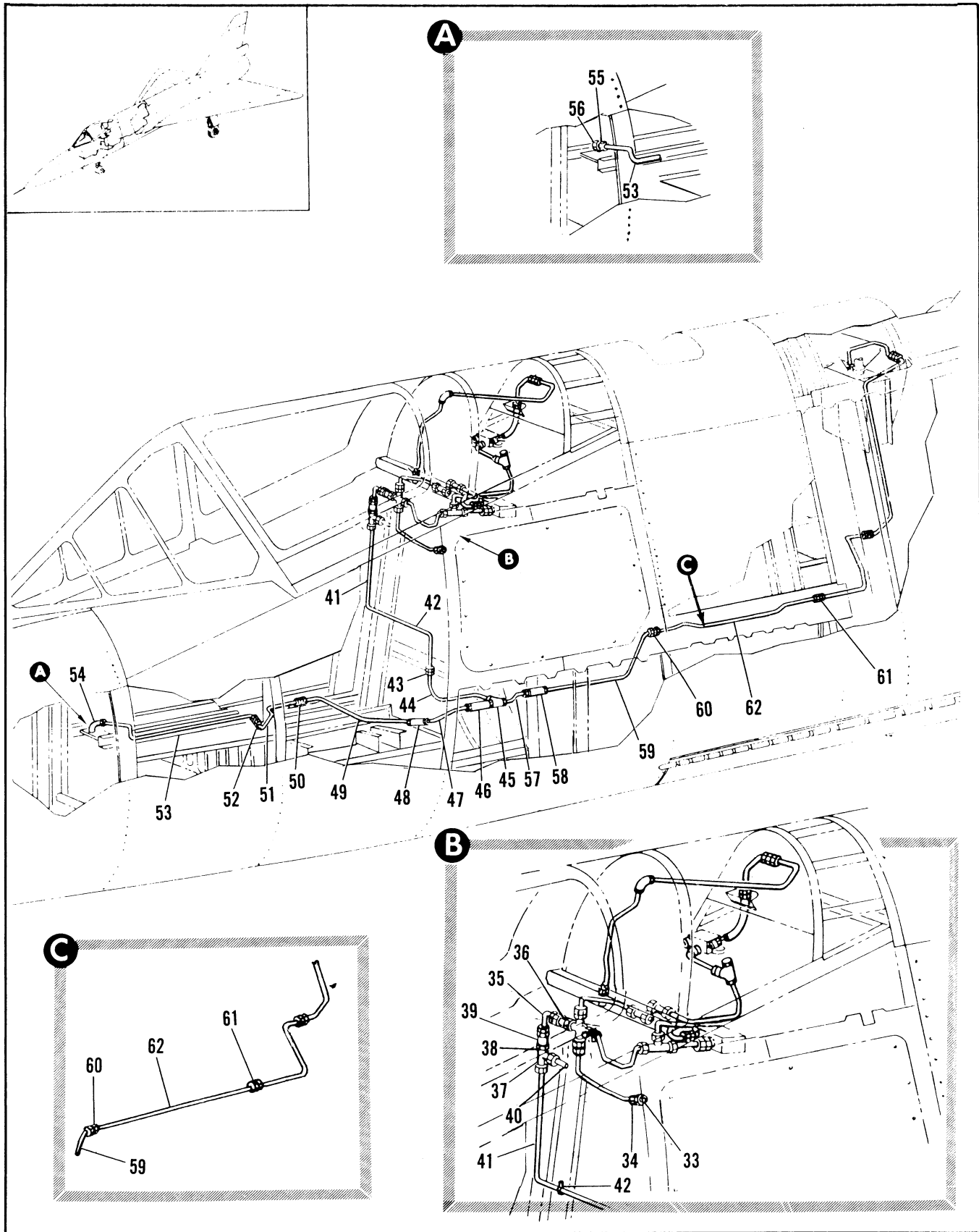


Figure 2.9-9. Low Pressure Pneumatic Canopy Seal Tubing Installation (Sheet 2 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.9-9	AN960-10L	• WASHER	1	35	
- 33	AN929-4	• CAP	1	35	
- 34	MS21900D4	• UNION	1	35	
- 35	7037031-10	• TUBE ASSY, LOW PRESSURE PNEUMATIC	1	35	
- 36	1908	• RESTRICTOR, FILTERED <R1896> 97-54900-003	1	35	
- 37	MS21910D4	• TEE	1	35	
- 38	7037043-01	• CLIP	1	35	
- 39	9R7442-1	• RESTRICTOR, FIXED PNEUMATIC <91207> SPEC 8-00429-1	1	35	
- 40		• TUBE ASSY, SEE FIG. 2.9-11 INDEX 6	RF		
- 41	703727-10	• TUBE ASSY, LOW PRESSURE PNEUMATIC	1		
- 42	MS21919D64	• CLAMP	1	35	
	MS35207-263	• SCREW	1	35	
	MS21044N3	• NUT	1	35	
	AN960-10L	• WASHER	1	35	
- 43	MS21924D4	• UNION	1	35	
	AN924-4D	• NUT	1	35	
	AN960D716	• NUT	1	35	
- 44	8-80610-379	• TUBE ASSY, CHECK VALVE	1	35	48
	8-80610-435	• TUBE ASSY, CHECK VALVE	1	49	
- 45	MS21911D4	• TEE	1	35	
	AN924-4D	• NUT	1	35	
	AN960D716	• WASHER	1	35	
	AN6290-4	• GASKET	1	35	
- 46	K1353-4-3	• VALVE ASSY, CHECK <34199> 99-33108-003	1	35	
	AN6290-4	• GASKET	1	35	
- 47	8-80610-373	• TUBE ASSY, GROUND CHECK	1	35	60
	8-80610-457	• TUBE ASSY, GROUND CHECK	1	61	
- 48	MS21907D	• ELBOW	1	35	
	AN924-4D	• NUT	1	35	
	AN960D716	• WASHER	1	35	
- 49	8-80610-347	• TUBE ASSY, GROUND CHECK	1	35	
- 50	MS21902D4	• UNION	1	35	
- 51	8-80610-345	• TUBE ASSY, GROUND CHECK	1	A	
	8-80610-465	• TUBE ASSY, GROUND CHECK	1	B	
- 52	MS21902D4	• UNION	1	35	
- 53	8-80610-261	• TUBE ASSY, GROUND CHECK	1	A	
	8-80610-463	• TUBE ASSY, GROUND CHECK	1	B	
- 54		• FITTING, COCKPIT PRESSURE GROUND TEST SEE FIG. 2.13-2 INDEX 9	RF		
- 55	MS21903D4	• UNION	1	B	
	AN924-4D	• NUT	1	B	
	AN960D716	• WASHER	1	B	
- 56	MS21914-4	• CAP	1	B	
- 57	62A35022-1	• TUBE			
- 58	K1353-4-3	• VALVE ASSY, CHECK <34199> 99-33108-003	1	35	
- 59	62A35021-1	• TUBE			
- 60	MS21903D4	• UNION	1	35	
	AN924-4D	• NUT	1	35	
	AN960D716	• WASHER	1	35	
- 61	MS21902D4	• UNION	1	35	
- 62	64A34200-1	• TUBE ASSY, LOW PRESSURE PNEUMATIC	1		

A AIRPLANES #35 THRU 47 AND 49 THRU 89  
 B AIRPLANES #48, 90 AND ON

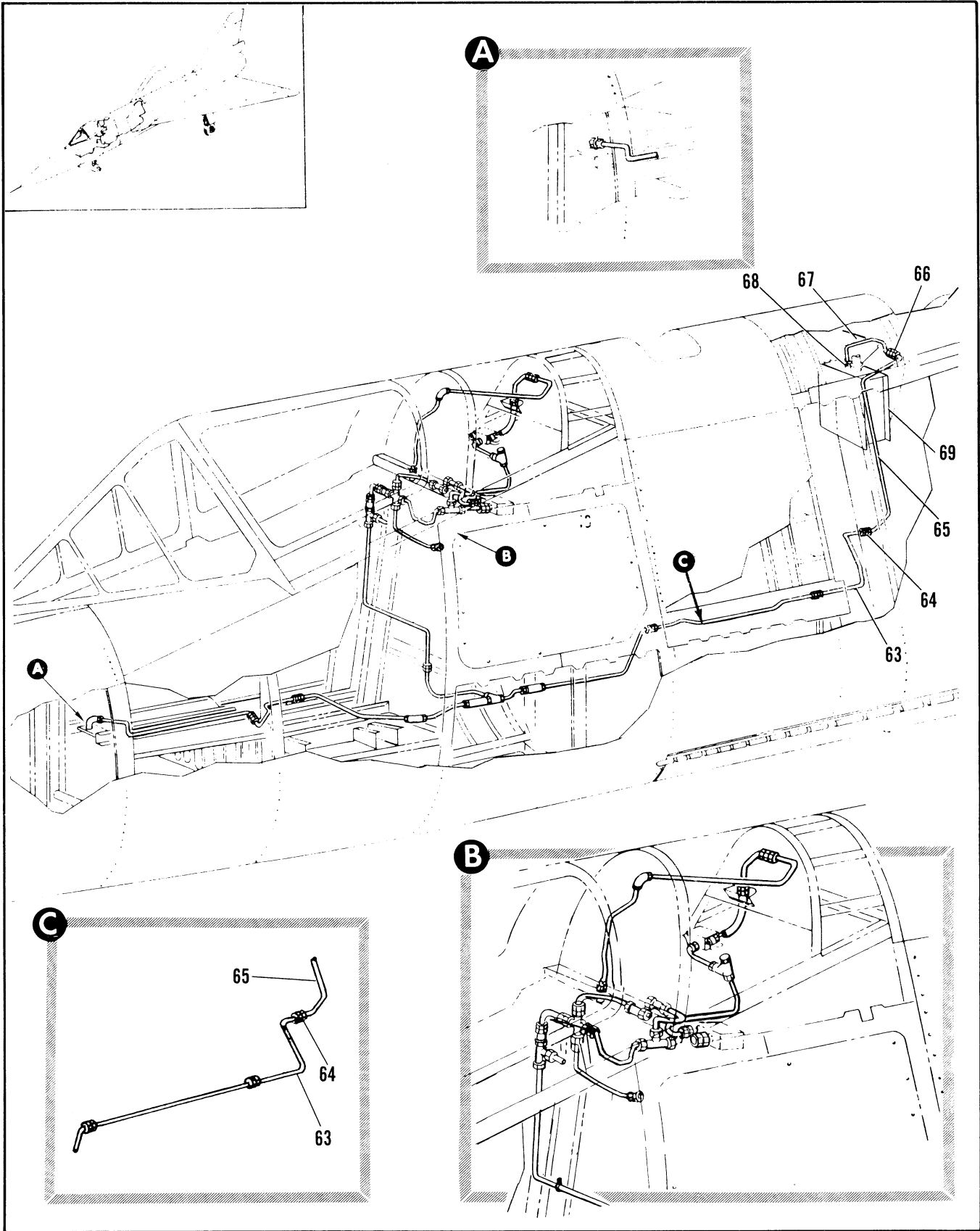


Figure 2.9-9. Low Pressure Pneumatic Canopy Seal Tubing Installation (Sheet 3 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.9-9- 63	64A34201-1	• TUBE ASSY, LOW PRESSURE PNEUMATIC	1		
- 64	MS21903D4	• UNION	1	35	
- 65	8-80610-411	• TUBE ASSY, HEAT EXCHANGER	1	35	
- 66	MS21902D4	• UNION	1	35	
- 67	8-80610-413	• TUBE ASSY, HEAT EXCHANGER	1	35	
- 68	MS21916D8-4	• REDUCER	1	35	
	AN6290-8	• GASKET	1	35	
- 69		• HEAT EXCHANGER ASSY, SEE FIG. 2.13-31	RF		

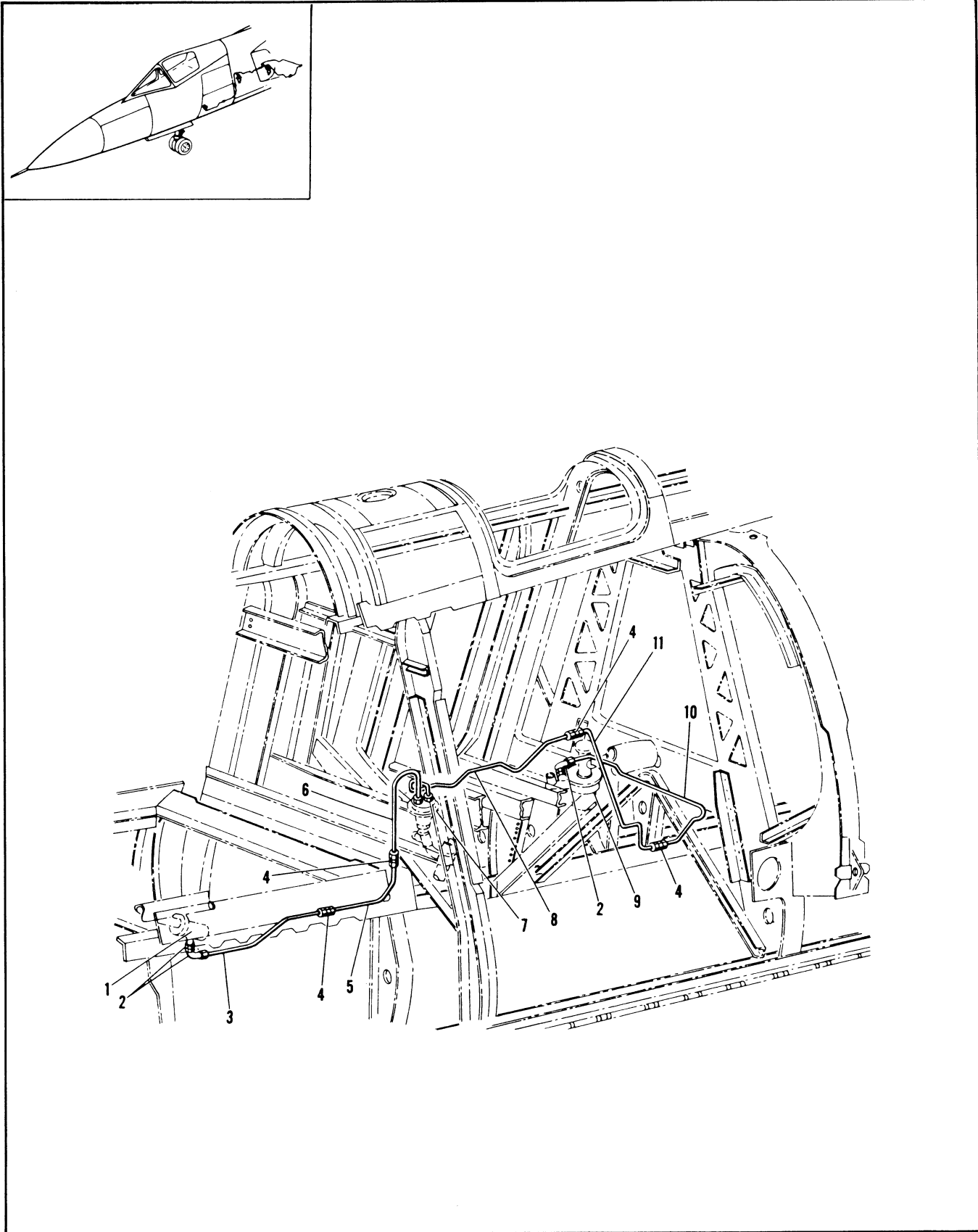


Figure 2.9-10. Low Pressure Pneumatic Electronic Cooling Hot Air By-Pass Tubing Installation (Sheet 1 of 3)



FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.9-10	8-80610	TUBING INSTALLATION, LOW PRESSURE PNEUMATIC ELECTRONIC COOLING HOT AIR PYPASS	1	241	
- 1		• THERMOSTAT ASSY, ELECTRONIC COOLING PYPASS SEE FIG. 2.13-9 INDEX 8	RF		
- 2	MS21908-4	• ELBOW	2	241	
	AN924-4	• NUT	2	241	
	AN6290-4	• GASKET	2	241	
- 3	8-80610-491	• TUBE ASSY, THERMOSTAT	1	241	
- 4	MS21902-4	• UNION	4	241	
- 5	8-80610-489	• TUBE ASSY, THERMOSTAT	1	241	
- 6	8-80610-487	• TUBE ASSY, THERMOSTAT	1	241	
- 7		• VALVE ASSY, ELECTRONIC COOLING BYPASS SEE FIG. 2.13-8 INDEX 24	FF		
- 8	8-80610-485	• TUBE ASSY, SUPPLY	1	241	
- 9		• VALVE ASSY, REGULATOR AND SHUTOFF HOT AIR SEE FIG. 2.13-24 INDEX 16	RF		
- 10	8-80610-481	• TUBE ASSY, SUPPLY	1	241	
- 11	8-80610-483	• TUBE ASSY, SUPPLY	1	241	

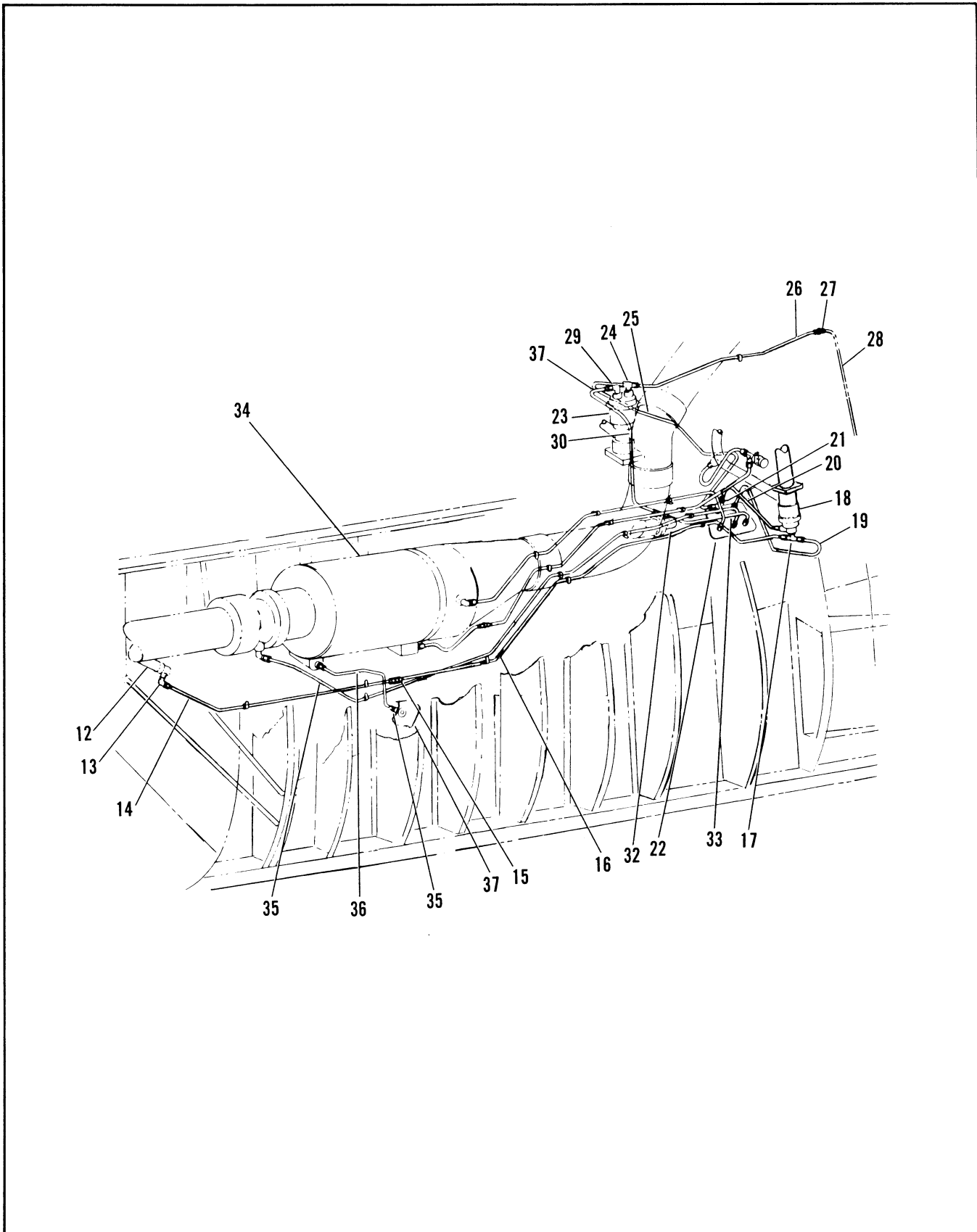


Figure 2.9-10. Low Pressure Pneumatic Electronic Cooling Hot Air By-Pass Tubing Installation (Sheet 2 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.9-10		TUBING INSTALLATION, MOISTURE SEPARATOR	RF		
- 12	10789C-1	• THERMOSTAT ASSY, MOISTURE SEPARATOR OUTLET HOT AIR BYPASS SEE FIG. 2.13-9 INDEX 8	RF		
- 13	MS21908D4	• ELBOW	1		
	AN924-4D	• NUT	1		
	MS28778-4	• GASKET	1		
- 14	64A34216-1	• TUBE ASSY, LOW PRESSURE PNEUMATIC	1		
- 15	MS21902D4	• UNION	1		
- 16	64A34215-1	• TUBE ASSY, LOW PRESSURE PNEUMATIC	1		
- 17	MS21909D4	• TEE	1		
	AN924-4	• NUT	1		
	MS28778-4	• GASKET	1		
- 18	106780-1	• VALVE ASSY, MOISTURE SEPARATOR INLET SEE FIG. 2.13-9 INDEX 67	RF		
- 19	64A34226-1	• TUBE ASSY, LOW PRESSURE PNEUMATIC	1		
- 20	64A34225-1	• TUBE ASSY, LOW PRESSURE PNEUMATIC	1		
- 21	MS21912D4	• TEE	RF		
- 22	64E34185-1	• PANEL ASSY, TEST ENVIRONMENTAL CONTROL SYSTEM INDEX 10.6	RF		
- 23	10678-1	• VALVE ASSY, MOISTURE SEPARATOR OUTLET HOT AIR BYPASS SEE FIG. 2.13-9 INDEX 51	RF		
- 24	MS21909D4	• TEE	1		
	AN924-4D	• NUT	1		
	MS28778-4	• GASKET	1		
- 25	64E34224-1	• TUBE ASSY, LOW PRESSURE PNEUMATIC	1		
- 26	64E34213-1	• TUBE ASSY, LOW PRESSURE PNEUMATIC	1		
- 27	MS21902D4	• UNION	1		
- 28	8-80610-483	• TUBE ASSY, SUPPLY SEE FIG. 2.9-10 INDEX 22	RF		
- 29	MS21908D4	• ELBOW	1		
	AN924-4D	• NUT	1		
	MS28778-4	• GASKET	1		
- 30	64A34212-1	• TUBE ASSY, LOW PRESSURE PNEUMATIC	1		
- 31	MS21909D4	• TEE	1		
	AN924-4D	• NUT	1		
	MS28778-4	• GASKET	1		
- 32	107890-6	• THERMOSTAT ASSY, MOISTURE SEPARATOR INLET HOT AIR BYPASS SEE FIG. 2.13-9 INDEX 75	RF		
- 33	64A34232-1	• TUBE ASSY, LOW PRESSURE PNEUMATIC	1		
- 34	595350-1	• SEPARATOR, MOISTURE AIRCRAFT AIR CONDITIONING SYSTEM SEE FIG. 2.13-1 INDEX 79	RF		
- 35	MS21902D6	• UNION	2		
	MS28778-6	• GASKET	2		
- 36	64A34233-1	• TUBE ASSY, DRAIN AIR CONDITIONING	1		
- 37	8-81254	• FITTING, MOISTURE SEPARATOR DRAIN PORT	1		

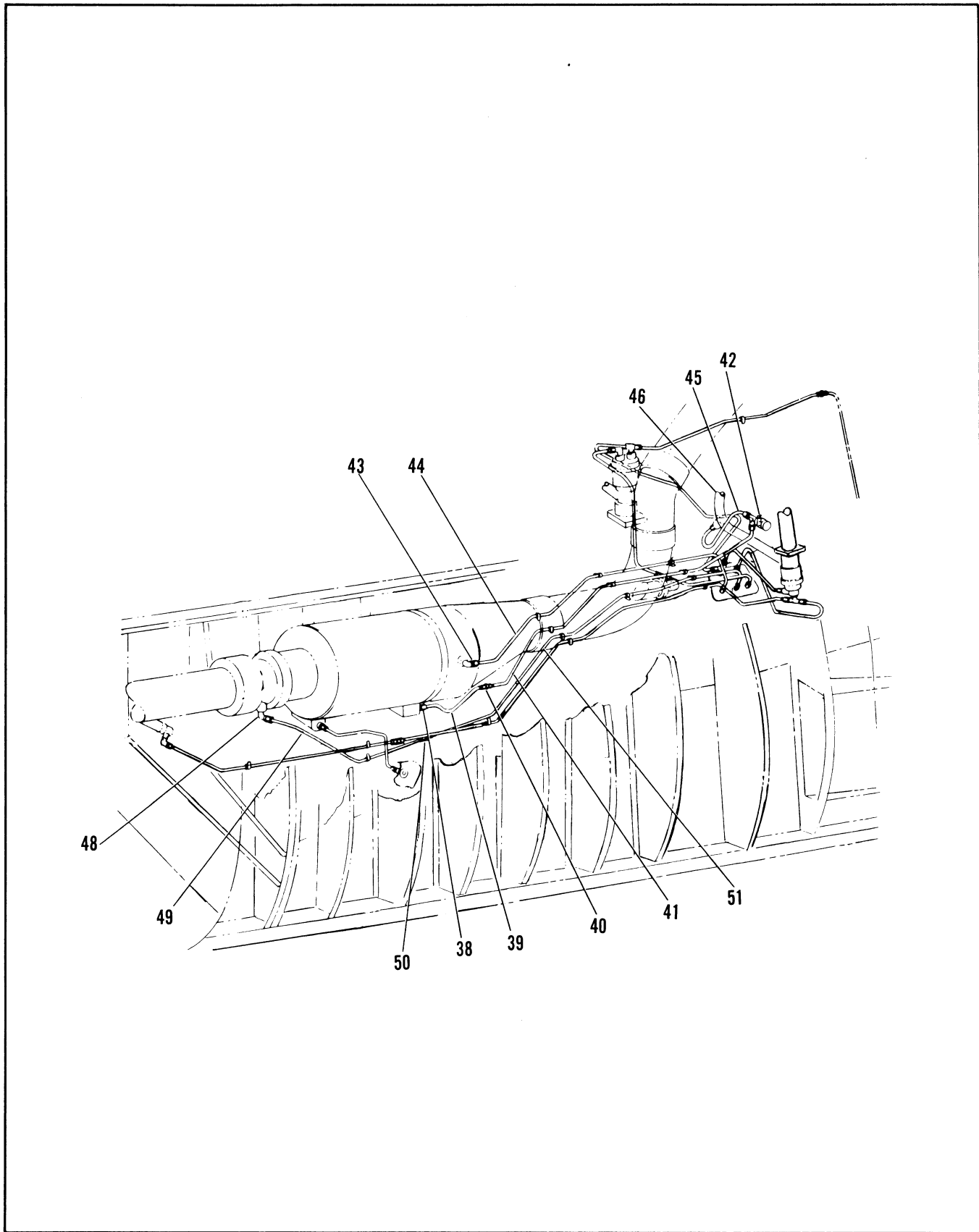


Figure 2.9-10. Low Pressure Pneumatic Electronic Cooling Hot Air By-Pass Tubing Installation (Sheet 3 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.9-10- 38	MS21902D4	• UNION	1		
	MS28778-4	• GASKET	1		
- 39	64A34234-1	• TUBE ASSY, LOW PRESSURE PNEUMATIC	1		
- 40	MS21902D4	• UNION	1		
- 41	64A34231-1	• TUBE ASSY, LOW PRESSURE PNEUMATIC	1		
- 42	27900	• VALVE ASSY, MOISTURE SEPARATOR SERVO BYPASS SEE FIG. 2.13-1 INDEX 84	RF		
- 43	MS21908D4	• ELBOW	1		
	AN924-4D	• NUT	1		
	MS28778-4	• GASKET	1		
- 44	64A34229-1	• TUBE ASSY LOW PRESSURE PNEUMATIC	1		
- 45	64A34230-1	• TUBE ASSY, LOW PRESSURE PNEUMATIC	1		
- 46	63E35696-1	• DUCT ASSY, ELECTRONIC HOT AIR BYPASS SEE FIG. 2.13-9 INDEX 66	RF		
- 47	64E34054-1	• DUCT ASSY, MOISTURE SEPARATOR SEE FIG. 2.13-9 INDEX 38	RF		
- 48	MS21908D4	• ELBOW	1		
	AN924-4D	• NUT	1		
	MS28778-4	• GASKET	1		
- 49	64A34227-1	• TUBE ASSY, LOW PRESSURE PNEUMATIC	1		
- 50	MS21902D4	• UNION	1		
- 51	64A34228-1	• TUBE ASSY, LOW PRESSURE PNEUMATIC	1		

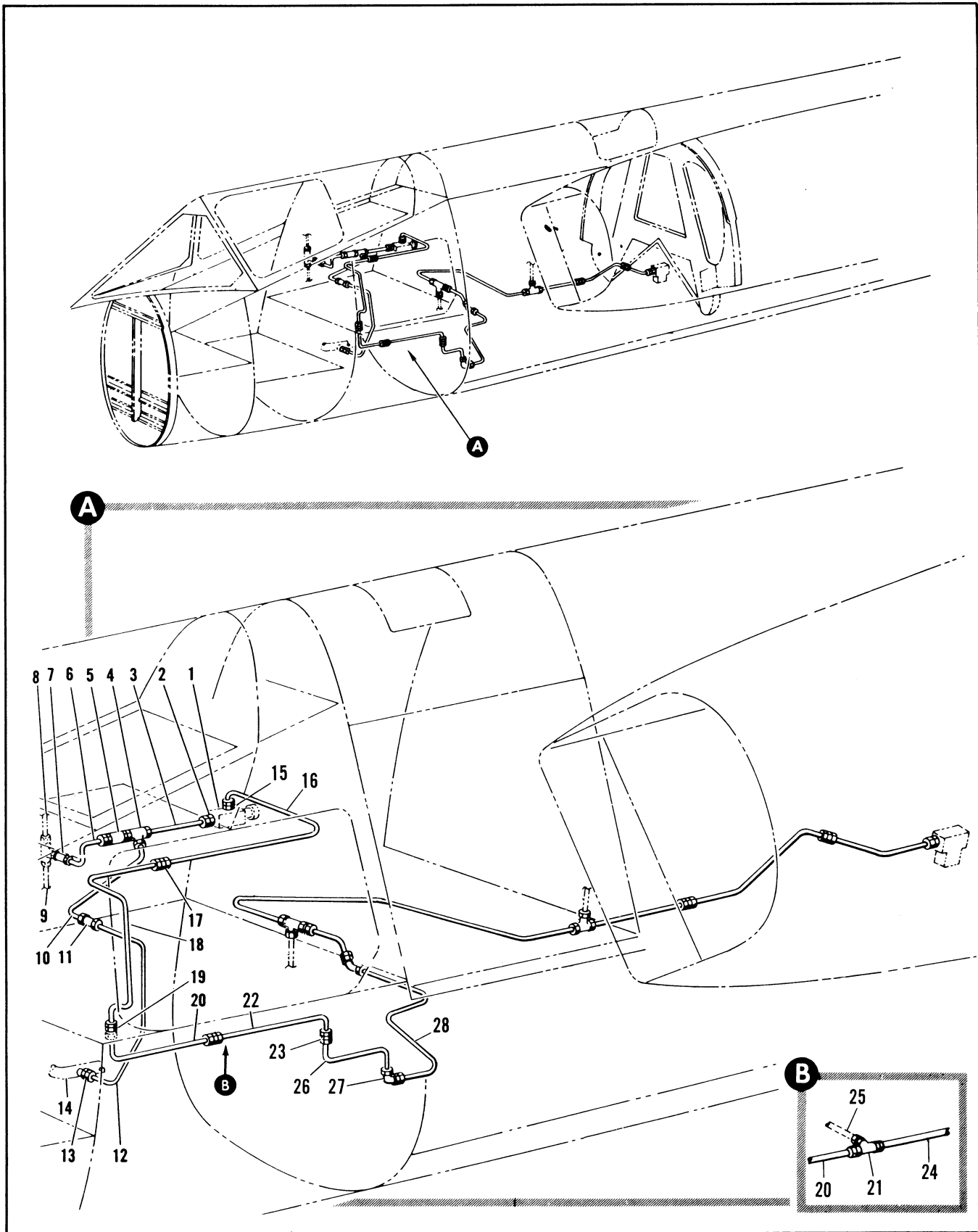


Figure 2.9-11. High Pressure Pneumatic Emergency Cockpit Pressurization Tubing Installation (Sheet 1 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.9-11	8-80430	TUBING INSTALLATION, HIGH PRESSURE PNEUMATIC EMERGENCY COCKPIT PRESSURIZATION	1	35	
	8-80429	TUBING INSTALLATION, HIGH PRESSURE PNEUMATIC EMERGENCY COCKPIT PRESSURIZATION	1	35	
- 1		• VALVE, EMERGENCY COCKPIT PRESSURIZATION SHUT OFF 2.13-1 INDEX	RF		
- 2	MS21902D4	• UNION	1	35	
	AN6290-4	• GASKET	1	35	
- 3	8-80430-203	• TUBE ASSY, PRESSURIZATION VALVE	1	35	
- 4	MS21911D4	• TEE	1	35	
	AN6290-4	• GASKET	1	35	
- 5	155140-2	• VALVE ASSY, CHECK <91864> SPEC 8-00430-3 T.O.9P5-12-35-0	1	35	
- 6	7037030-10	• TUBE ASSY, EMERGENCY COCKPIT PRESSURIZATION	1	35	
- 7		• RESTRICTOR, FIXED SEE FIG. 2.9-9 INDEX 39	RF		
- 8		• TUBE ASSY, LOW PRESSURE PNEUMATIC SEE FIG. 2.9-9 INDEX 35	RF		
- 9		• TUBE ASSY, LOW PRESSURE PNEUMATIC SEE FIG. 2.9-9 INDEX 41	RF		
- 10	8-80430-207	• TUBE ASSY, EMERGENCY COCKPIT PRESSURIZATION	1	35	
- 11	9R7442-13	• RESTRICTOR, FIXED <91207> SPEC 8-00429-13	1	35	
- 12	8-80430-341	• TUBE ASSY, EMERGENCY COCKPIT PRESSURIZATION	1	35	
- 13	MS21902D4	• UNION	1	35	
	AN6290-4	• GASKET	1	35	
- 14		• DUCT ASSY, COCKPIT AIR CONDITIONING SEE FIG. 2.13-13 INDEX 63	RF		
- 15	MS21916D4-3	• REDUCER	1	35	
	AN6290-4	• GASKET	1	35	
- 16	8-80430-201	• TUBE ASSY, PRESSURIZATION VALVE	1	35	
- 17	MS21902D3	• UNION	1	35	
- 18	8-80430-179	• TUBE ASSY, EMERGENCY COCKPIT PRESSURIZATION	1	35	
- 19	MS21903D3	• UNION	1	35	
	AN924-3D	• NUT	1	35	
	AN960D616	• WASHER	1	35	
- 20	8-80430-327	• TUBE ASSY, EMERGENCY COCKPIT PRESSURIZATION	1	35	
- 21	MS21905D3	• TEE	1		
- 22	62A35029-1	• TUBE ASSY, EMERGENCY COCKPIT PRESSURIZATION	1		
- 23	MS21902D3	• UNION			
- 24	8-44899-109	• TUBE ASSY, INFRARED SEEKER	1		
- 25		• TUBE ASSY, INFRARED SEEKER	RF		
- 26	8-80430-331	• TUBE ASSY, EMERGENCY COCKPIT PRESSURIZATION	1	A	
	8-80430-373	• TUBE ASSY, EMERGENCY COCKPIT PRESSURIZATION	1	P	
- 27	MS21908D3	• ELBOW	1	35	
	AN924-3D	• NUT	1	35	
	AN960D616	• WASHER	1	35	
- 28	64A34217-1	• TUBE ASSY, HIGH PRESSURE PNEUMATIC	1		
- 29	MS21907D3	• ELBOW	1	35	
	AN924-3D	• NUT	1	35	
	AN960D616L	• WASHER	1	35	
- 30	8-80429-255	• TUBE ASSY, EMERGENCY COCKPIT PRESSURIZATION	1	35	

A AIRPLANES #35 THRU 47, 49 THRU 89  
 B AIRPLANES #48, 90 AND ON

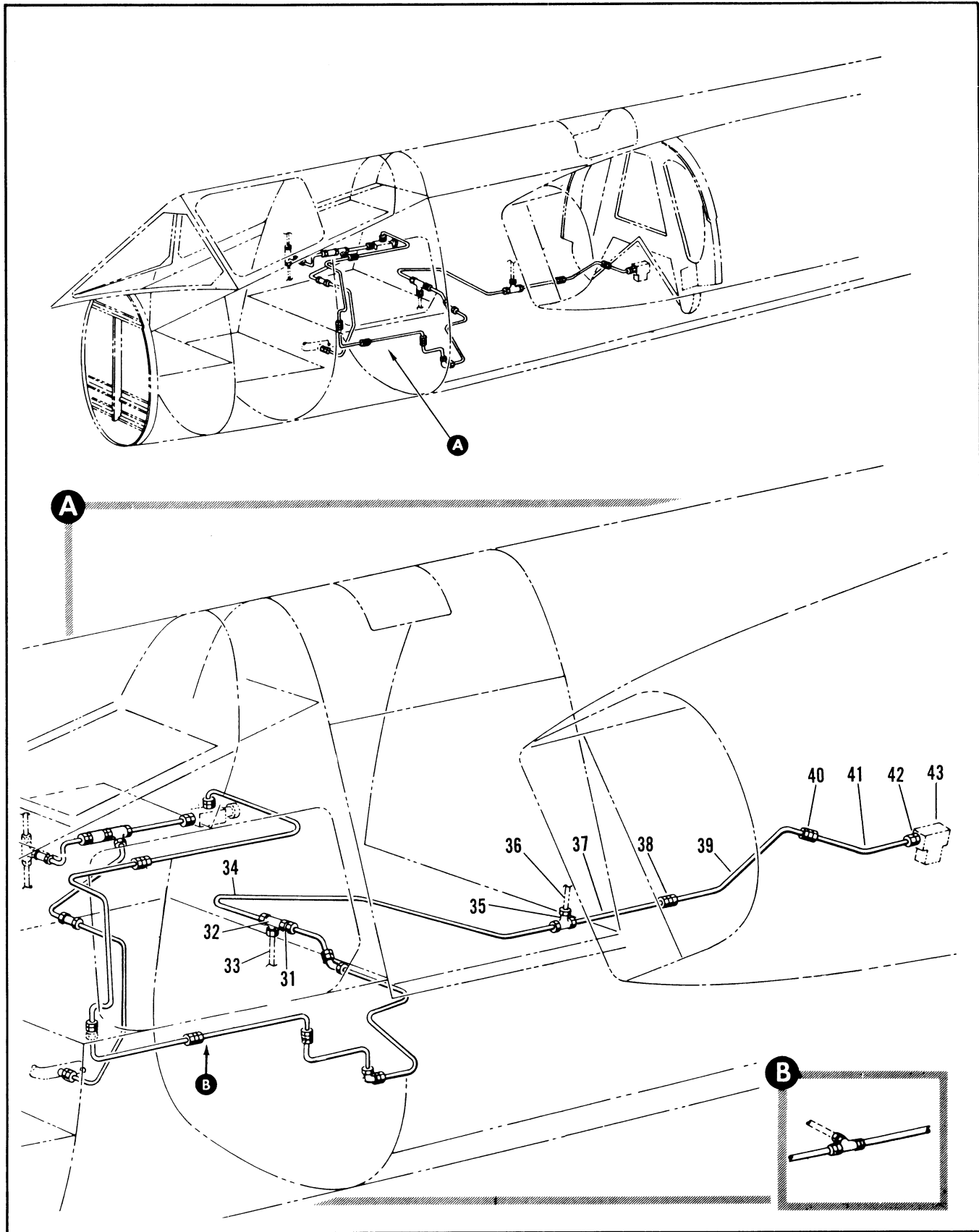


Figure 2.9-11. High Pressure Pneumatic Emergency Cockpit Pressurization Tubing Installation (Sheet 2 of 2)



FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.9-11- 31	MS2191608-4	• REDUCER	1	35	
- 32	AN6290-8	• GASKET	1	35	
- 33	MS2191108	• TEE	1	35	
		• TUBE ASSY, FWD SELECTOR VALVE SEE FIG. 2.9-28 INDEX 14	RF		
- 34	8-80429-487	• TUBE ASSY, EMERGENCY COCKPIT PRESSURIZATION	1	35	188
	8-80429-1375	• TUBE ASSY, EMERGENCY COCKPIT PRESSURIZATION	1	189	
- 35	MS2190908	• TEE	1	35	
	AN924-80	• NUT	1	35	
	AN96301216	• WASHER	1	35	
- 36		• TUBE ASSY, FWD ARAMENT DISPLACEMENT SEE FIG. 2.9-31 INDEX 27	RF		
- 37	8-80429-1123	• TUBE ASSY, EMERGENCY COCKPIT PRESSURIZATION	1	35	
- 38	MS2190208	• UNION	1	35	
- 39	8-80429-1161	• TUBE ASSY, EMERGENCY COCKPIT PRESSURIZATION	1	35	
- 40	MS2190208	• UNION	1	35	
- 41	8-80429-1159	• TUBE ASSY, EMERGENCY COCKPIT PRESSURIZATION	1	35	42
	8-80429-1309	• TUBE ASSY, EMERGENCY COCKPIT PRESSURIZATION	1	35	
- 42	MS2190208	• UNION	1	35	
	AN6290-8	• GASKET	1	35	
- 43		• VALVE ASSY, ARMAMENT BAY DOOR SELECTOR SEE FIG. 2.20-9 INDEX 1	RF		
			1		

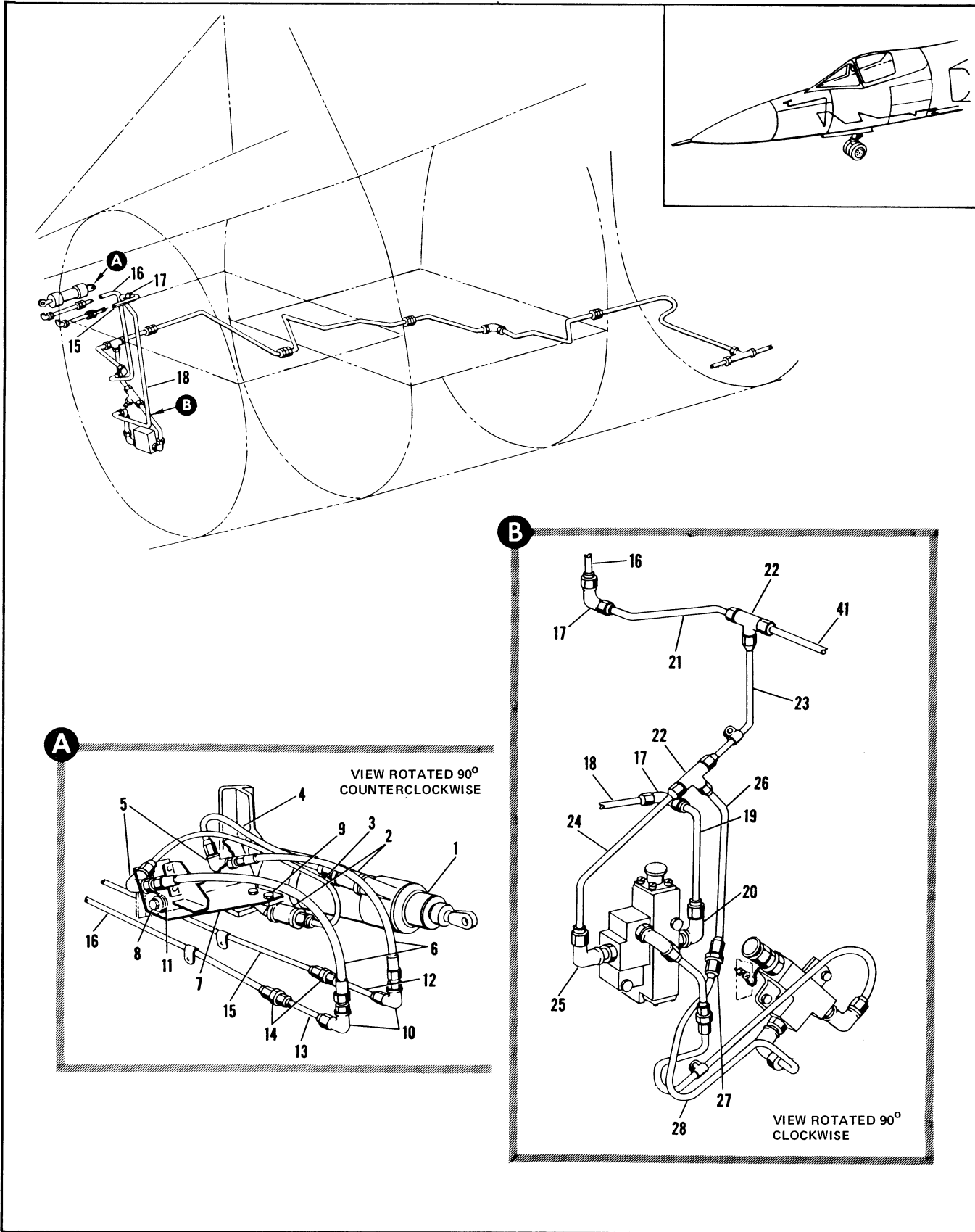


Figure 2.9-12. Tubing Installation High Pressure Pneumatic Infrared Seeker (Sheet 1 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.9-12	8-44865-803	TUBING INSTALLATION, HIGH PRESSURE PNEUMATIC INFRARED SEEKER	1		
	8-44865-3	TUBING INSTALLATION, HIGH PRESSURE PNEUMATIC INFRARED SEEKER	1		
- 1		• CYLINDER, PNEUMATIC INFRARED SEEKER SEE FIG. 2.20-48 INDEX 62	RF		
- 2	FSCM12439	• RESTRICTOR, PNEUMATIC FIXED <12439> SPEC 8-00429-17	2		
- 3	MS28778-4	• PACKING	2		
- 4	8-44899-21	• TUBE ASSY, INFRARED SEEKER	1		
- 4	8-44899-71	• TUBE ASSY, INFRARED SEEKER	1		
- 5	MS21908D3	• ELBOW	2		
	AN924-3D	• NUT	2		
	AN960D616	• WASHER	2		
- 6	124223-3D0107	• HOSE ASSY, HIGH PRESSURE PNEUMATIC <98441> SPEC 8-08535-83	2		
- 7	8-44865-7	• BRACKET ASSY, RIVETED ATTACHING PARTS	1		
- 8	AN4-6	• BOLT	1		
	AN960-416	• WASHER	1		
- 9	AN3-5A	• BOLT	2		
	AN960-416L	• WASHER	1		
	AN3-5A	• BOLT	2		
	NAS1291-3	• NUT	2		
	NA960D10	• WASHER	2		
		-----X-----			
- 10	MS21908D3	• ELBOW	2		
	AN924-3D	• NUT	2		
	AN960D616	• WASHER	2		
- 11	94-35006-062	• GROMMET	1		
- 12	8-44899-135	• TUBE ASSY, INFRARED SEEKER	1		
- 13	8-44899-137	• TUBE ASSY, INFRARED SEEKER	1		
- 14	MS21916D4-3	• REDUCER	2		
- 15	8-44899-69	• TUBE ASSY, INFRARED SEEKER	1		
- 16	8-44899-129	• TUBE ASSY, INFRARED SEEKER	1		
	8-44899-31	• TUBE ASSY, INFRARED SEEKER	1		
- 17	MS21908D4	• ELBOW	3		
	AN924-4D	• NUT	3		
	AN960D716	• WASHER	3		
- 18	8-44899-127	• TUBE ASSY, INFRARED SEEKER	1		
	8-44899-61	• TUBE ASSY, INFRARED SEEKER	1		
- 19	8-44899-29	• TUBE ASSY, INFRARED SEEKER	1		
- 20	MS21908D4	• ELBOW	1		
	AN924-4D	• NUT	1		
	MS28778-4	• PACKING	1		
- 21	8-44899-59	• TUBE ASSY, INFRARED SEEKER	1		
- 22	MS21905D4	• TEE	2		
- 23	8-44899-57	• TUBE ASSY, INFRARED SEEKER	1		
- 24	8-44899-113	• TUBE ASSY, INFRARED SEEKER	1		
- 25	MS21808D4	• ELBOW	1		
	AN924-4D	• NUT	1		
	MS28778-4	• PACKING	1		
- 26	8-44899-25	• TUBE ASSY, INFRARED SEEKER	1		
- 27	MS21916D4-3	• REDUCER	1		
- 28	8-44899-77	• TUBE ASSY, INFRARED SEEKER	1		

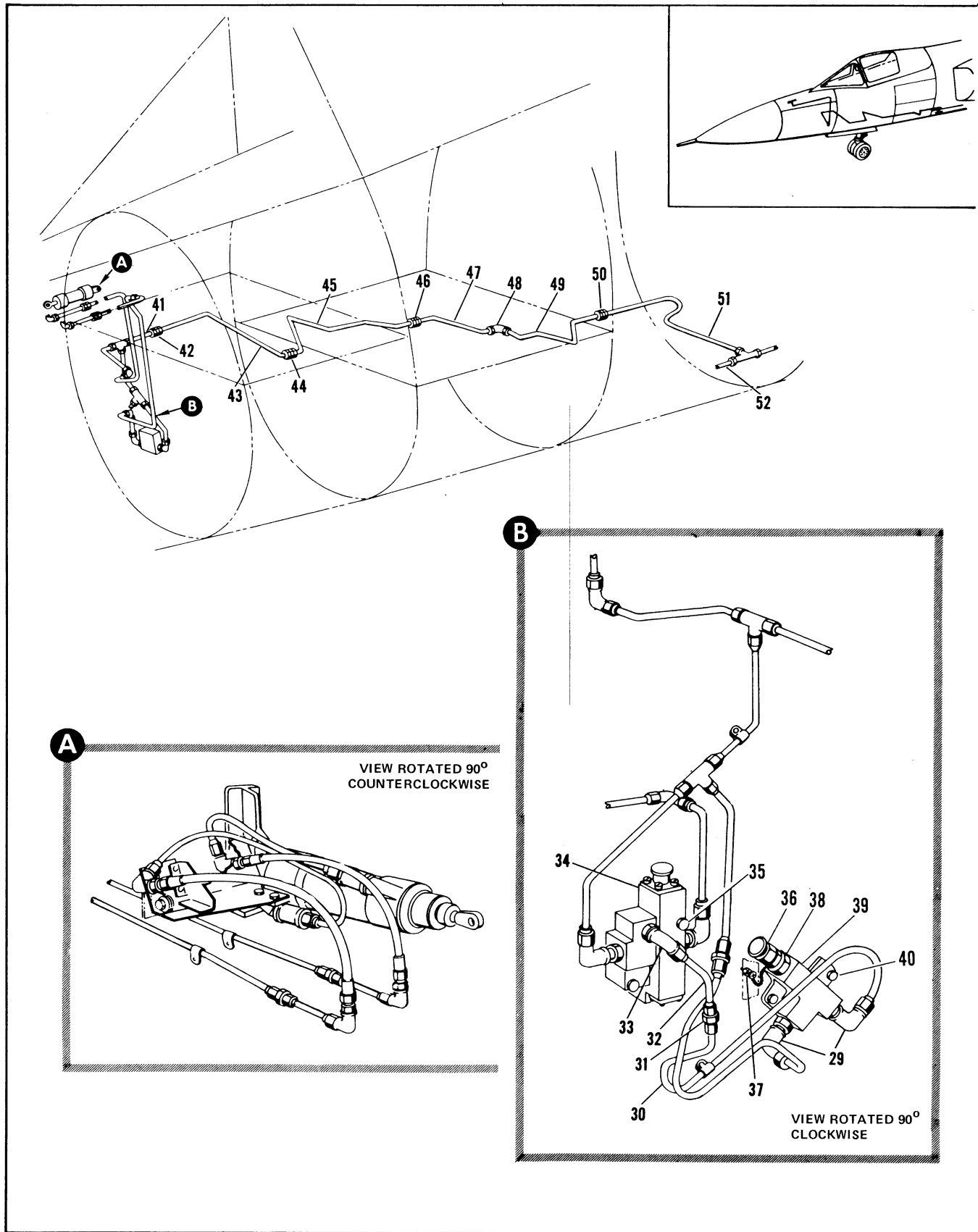


Figure 2.9-12. Tubing Installation High Pressure Pneumatic Infrared Seeker (Sheet 2 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.9-12- 29	MS21908D3	• ELBOW	2		
	AN924-3D	• NUT	2		
	MS28778-3	• PACKING	2		
- 30	8-44899-75	• TUBE ASSY, INFRARED SEEKER	1		
- 31	MS21916D4-3	• REDUCER	1		
- 32	8-44899-23	• TUBE ASSY, INFRARED SEEKER	1		
- 33	MS21908D4	• ELBOW	1		
	AN924-4D	• PACKING	1		
- 34	16150	• CONTROL VALVE, SOLENOID OPERATED INFRARED SEEKER SPEC 8-08666-1 ATTACHING PARTS	1		
- 35	AN4-16A	• BOLT	1		
	AN4-27A	• BOLT	1		
	AN960-416L	• WASHER	1		
- 36	7325048-01	• CAP, FWD <79294> ARMAMENT DISPLACEMENT CYLINDER VENT SPEC 8-08572-1 ATTACHING PARTS	1		
- 37	AN520-10R7	• SCREW	1		
	NAS1291-3	• NUT	1		
	AN960-1UL	• WASHER	1		
- 38	MS21916D6-4	• REDUCER	1		
	MS28778-4	• PACKING	1		
- 39	214AA3	• VALVE, MANUAL CONTROL INFRARED SEEKER <05214> SPEC 8-00494-7 ATTACHING PARTS	1		
- 40	AN3-6A	• BOLT	2		
	NAS1291-3	• NUT	2		
	AN960D10	• WASHER	2		
- 41	8-44899-97	• TUBE ASSY, INFRARED SEEKER	1		
- 42	MS21916D4-3	• REDUCER	1		
- 43	8-44899-99	• TUBE ASSY, INFRARED SEEKER	1		
- 44	MS2192403	• UNION	1		
	AN924-3D	• NUT	1		
	AN960D616	• WASHER	1		
- 45	8-44899-101	• TUBE ASSY, INFRARED SEEKER	1		
- 46	MS21902D3	• UNION	1		
- 47	8-44899-103	• TUBE ASSY, INFRARED SEEKER	1		
- 48	MS21907D3	• ELBOW	1		
	AN924-3D	• NUT	1		
	AN960D616	• WASHER	1		
- 49	8-44899-105	• TUBE ASSY, INFRARED SEEKER	1		
- 50	MS21902D3	• UNION	1		
- 51	8-44899-107	• TUBE ASSY, INFRARED SEEKER	1		
- 52		• TUBE ASSY, INFRARED SEEKER SEE FIG. 2.9-11	RF		

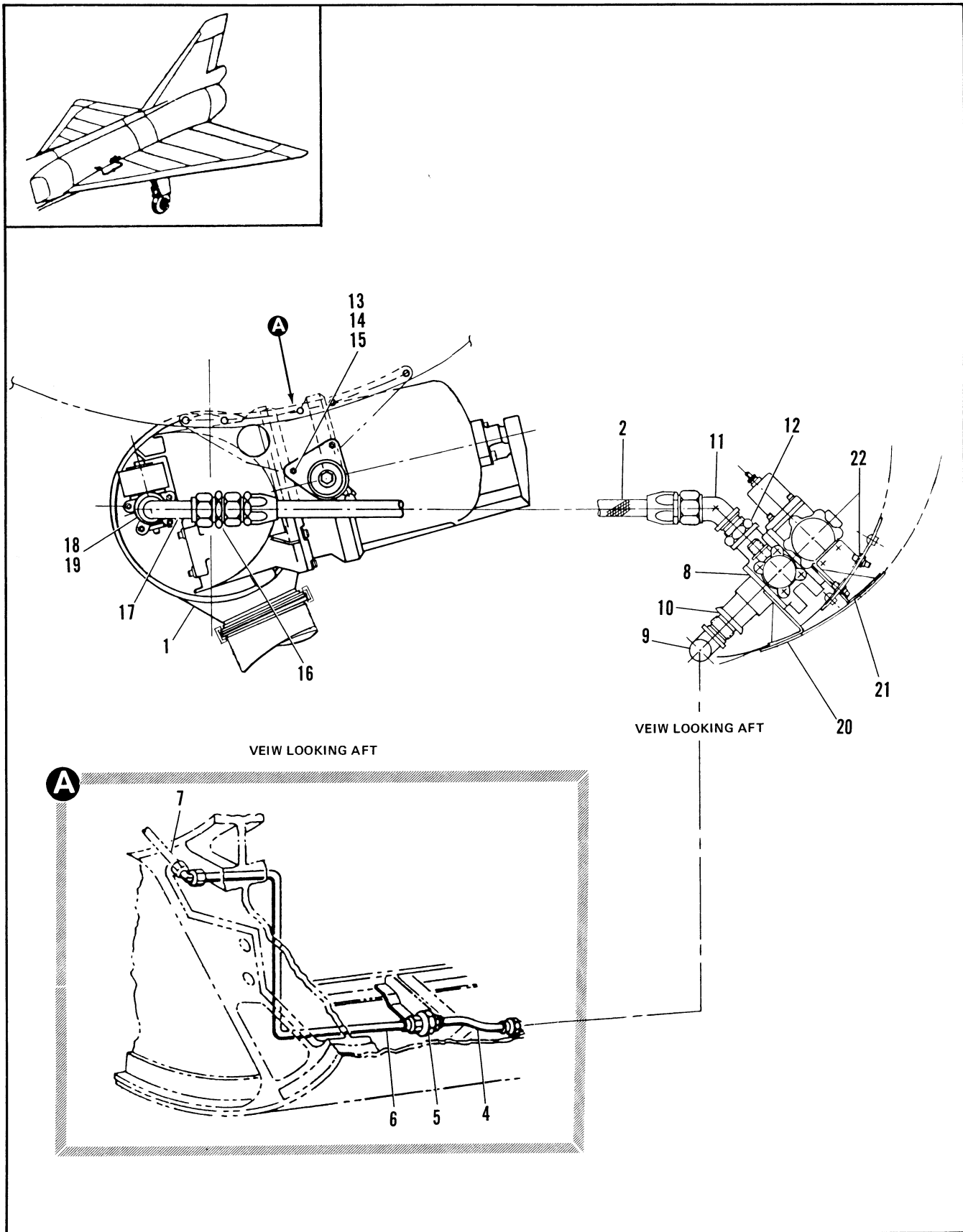


Figure 2.9-13. Engine Starter High Pressure Pneumatic Tubing Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.9-13	8-80421-5	TUBING INSTL, ENGINE STARTER HIGH PRESSURE PNEUMATIC MODIFIED BY 3501172 (99193) FOR NHA SEE FIG. 2.3-14	RF	35	
- 1	*1	• STARTER, COMBUSTION, SEE FIG. 2.10-7 INDEX 73	RF		
	*2	• STARTER CARTRIDGE/PNEUMATIC SEE INDEX 73	RF		
- 2	11204-12-0163	• HOSE ASSY, (98441) SPEC 8-08538-13	1	35	
- 3	MS21908D12	• ELBOW	1	35	
	AN924-120	• NUT	1	35	
	AN960D716	• WASHER	1	35	
- 4	8-80421-95	• TUBE ASSY, STARTER	1	35	60
	3501663-1	• TUBE ASSY VALVE INLET	1	35	60
	8-80421-127	• TUBE ASSY, STARTER	1	61	
	3167776-1	• TUBE ASSY VALVE INLET	1	61	
- 5	MS21916D12-10	• REDUCER	1	35	
- 6	8-80421-97	• TUBE ASSY, STARTER	1	35	60
	8-80421-125	• TUBE ASSY, STARTER	1	61	
- 7		• TUBE ASSY, FILLER SEE FIG. 2.9-23 INDEX 25	RF		
- 8	3214050-1-1	• VALVE, STARTER CONTROL	1	35	
- 9	MS21908D12	• ELBOW 90 DEGREE	1	35	
- 10	AN924-120	• NUT	1	35	
	MS28778-12	• PACKING	1	35	
- 11	MS21907-D12	• ELBOW 45 DEGREE	1	35	
- 12	AN924-120	• NUT	1	35	
	MS28778-12	• PACKING	1	35	
- 13	MS21280-C7	• BOLT	2	35	
- 14	MS16212-12	• WASHER	3	35	
- 15	MS21043-4	• NUT	2	35	
- 16	MS21909D12	UNION	1	35	
- 17	3167777-1	TUBE ASSY, STARTER INLET	1	35	
- 18	MS21902D12	UNION	1	35	
- 19	59990-612	PACKING	1	35	
- 20		• BRACKET, VALVE INBOARD AFT MOUNTING	1	35	
	MS21279-08	• • BOLT	3	35	
- 21		• BRACKET, VALVE OUTBOARD AFT MOUNTING	1	35	
	MS21979-08	• • BOLT	3	35	
- 22	3169437-1	BRACKET, VALVE FWD MOUNTING	1	35	
	MS21279-08	• • BOLT	2	35	
		*1 REMOVED PER TCTO 1F-106-1110.			
		*2 ADDED PER TCTO 1F-106-1110			

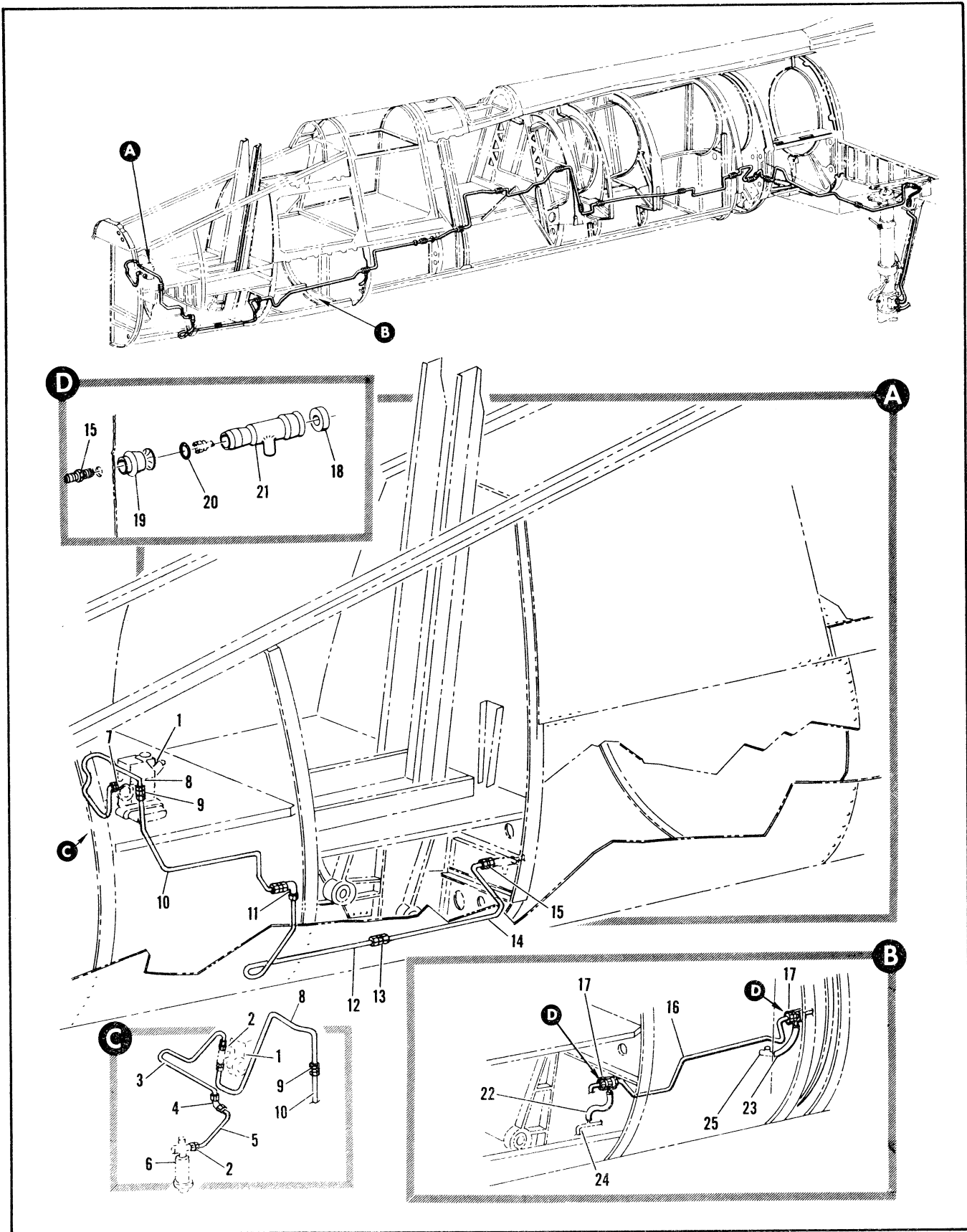


Figure 2.9-14. Pneumatic Master Brake Cylinder to Wheel Brake Relay Valve Tubing Installation LH (Sheet 1 of 2)



FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.9-14	8-80430	TUBING INSTL, PNEUMATIC MASTER BRAKE CYLINDER TO WHEEL BRAKE RELAY VALVE LH MODIFIED BY 66J40297	1		
	8-80429	TUBING INSTALLATION, PNEUMATIC MASTER BRAKE CYLINDER TO WHEEL BRAKE RELAY VALVE LH MODIFIED BY 8-80504	1	35	
- 1		• CYLINDER, MASTER BRAKE SEE FIG. 2.14-26 INDEX 12	RF		
- 2	MS21902D3	• UNION	2	8	
	AN6290-3	• GASKET	2	8	
- 3	8-80430-381	• TUBE ASSY, EXPANSION CHAMBER	1	48	48
	8-80430-389	• TUBE ASSY, EXPANSION CHAMBER	1	90	
- 4	MS21908D3	• ELBOW	1	8	
	AN924-3D	• NUT	1	8	
	AN960D616	• WASHER	1	8	
- 5	8-80430-385	• TUBE ASSY, EXPANSION CHAMBER	1	48	48
	8-80430-395	• TUBE ASSY, EXPANSION CHAMBER	1	90	
- 6		• EXPANSION CHAMBER, BRAKE HYDRAULIC SEE FIG. 2.8-1 INDEX 15	RF		
- 7	MS21902D3	• UNION	1	35	
	AN6290-3	• GASKET	1	35	
- 8	8-80430-273	• TUBE ASSEMBLY	1	A	
	8-80430-351	• TUBE ASSEMBLY	1	B	
- 9	MS21903D3	• UNION	1	35	
	AN924-3D	• NUT	1	35	
	AN960D616	• WASHER	1	35	
- 10	8-80430-293	• TUBE ASSEMBLY	1	35	
- 11	MS21908D3	• ELBOW	1	35	
	AN924-3D	• NUT	1	35	
	AN960D616	• WASHER	1	35	
- 12	8-80430-337	• TUBE ASSEMBLY	1	35	47
	8-80430-347	• TUBE ASSEMBLY	1	49	89
	8-80430-367	• TUBE ASSEMBLY	1	B	
- 13	MS21902D3	• UNION	1	35	
- 14	8-80430-339	• TUBE ASSY, BRAKE	1	35	47
	8-80430-349	• TUBE ASSY, BRAKE	1	49	89
	8-80430-369	• TUBE ASSY, BRAKE	1	B	
- 15	MS21903D3	• UNION	2	35	
	AN924-3D	• NUT	1	35	
	AN960D616	• WASHER	1	35	
- 16	8-80430-315	• TUBE ASSEMBLY	1	35	
- 17	8-81331-1	• SHROUD ASSY, HYDRAULIC TUBE	2	35	
- 18	8-1258-7	• GROMMET	1	35	
- 19	8-81257-7	• RECEPTACLE	1	35	
- 20	AN6227-19	• PACKING	1	35	
- 21	8-81331-7	• SHROUD ASSY, WELDED	1	35	
- 22	8-80430-319	• TUBE ASSEMBLY	1	35	
- 23	8-34224-9	• TUBE, DRAIN	1		
- 24		• ADAPTER ASSY, SHROUD DRAIN SEE FIG. 2.8-15 INDEX 8	RF		
- 25		MANIFOLD ASSY, SEE FIG. 2.8-15 INDEX 21	RF		
		A AIRPLANES #35 THRU 47 AND 49 THRU 89 B AIRPLANES #48, 50 AND ON			

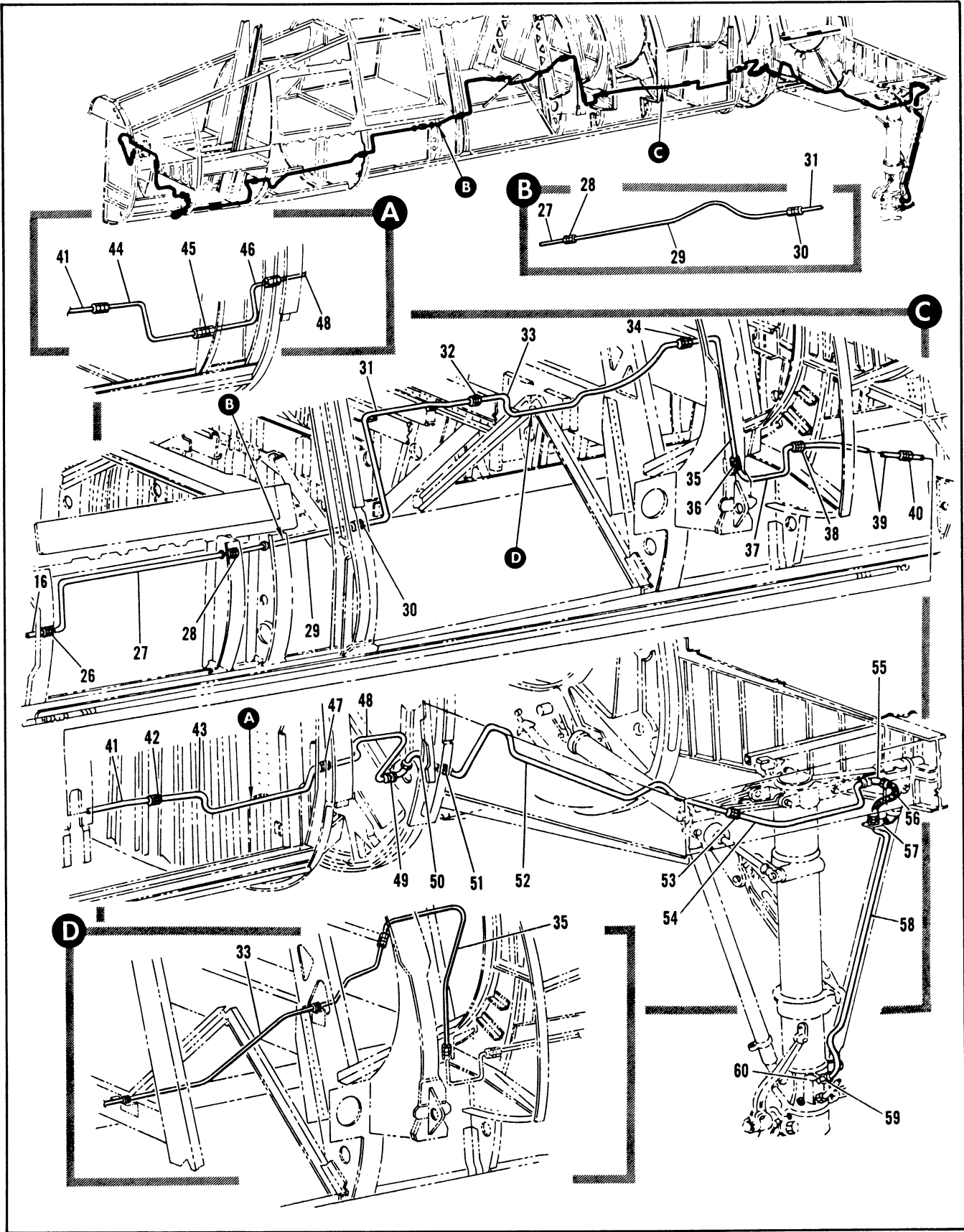


Figure 2.9-14. Pneumatic Master Brake Cylinder to Wheel Brake Relay Valve Tubing Installation LH (Sheet 2 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.9-14- 26	MS21903D3	• UNION	1	35	
	AN924-3D	• UNION	1	35	
	AN960D616	• WASHER	1	35	
- 27	8-80429-35	• TUBE ASSEMBLY	1	35	
- 28	MS21902D3	• UNION	1	35	
- 29	64A34211-1	• TUBE ASSY, HIGH PRESSURE PNEUMATIC	1	35	
- 30	MS21902D3	• UNION	1	35	
- 31	8-80429-1077	• TUBE ASSEMBLY	1	35	
- 32	MS21902D3	• UNION	1	35	
- 33	66A39628-1	• TUBE ASSY	1		
- 34	MS21902D3	• UNION	1	35	
- 35	66A39629-1	• TUBE ASSY	1		
- 36	MS21902D3	• UNION	1	35	
- 37	8-80429-59	• TUBE ASSEMBLY	1	35	
- 38	MS21902D3	• UNION	1	35	
- 39	8-80429-61	• TUBE ASSEMBLY	1	35	
- 40	MS21902D3	• UNION	1	35	
- 41	8-80429-63	• TUBE ASSEMBLY	1	35	
- 42	MS21902D3	• UNION	1	35	
- 43	8-80429-65	• TUBE ASSEMBLY	1	A	
- 44	8-80429-1305	• TUBE ASSEMBLY	1	B	
- 45	MS21903D3	• UNION	1	B	
	AN924-3D	• NUT	1	B	
	AN960D616	• WASHER	1	B	
- 46	8-80429-1307	• TUBE ASSEMBLY	1	B	
- 47	MS21902D3	• UNION	1	35	
- 48	8-80429-9	• TUBE ASSEMBLY	1	35	
- 49	MS21907D3	• ELBOW	1	35	
	AN924-3D	• NUT	1	35	
	AN960D616	• WASHER	1	35	
- 50	8-80429-1387	• TUBE ASSEMBLY	1	241	
- 51	MS21902D3	• UNION	1	35	
- 52	65A33101-1	• TUBE ASSEMBLY	1	35	
	MS21942L3	• NUT	3		
	AN520-10R14	• SCREW	3		
	NAS43DD3-27	• SPACER	3		
- 53	MS21902D3	• UNION	1	35	
- 54	8-80429-301	• TUBE ASSEMBLY	1	35	
- 55	MS21908D3	• ELBOW	1	35	
	AN924-3D	• NUT	1	35	
	AN960D616	• WASHER	1	35	
- 56	666035-3-0170	• HOSE ASSY, <00624> 94-80520-0E9 REPLACED BY SUITABLE SUB 124223-3D0170	1	C	
	124223-3D0170	• HOSE ASSY, <98441> SPEC 8-08538-31 REPLACES SUITABLE SUB FOR 666035-3-0170	1	D	
- 57	MS21903D3	• UNION	1	35	
	AN924-3D	• NUT	1	35	
	AN960D616L	• WASHER	1	35	
- 58	8-80429-637	• TUBE ASSEMBLY	1	35	102
	8-80429-1327	• TUBE ASSEMBLY	1	103	
- 59	MS21916D4-3	• REDUCER	1	35	
	AN6290-4	• GASKET	1	35	
- 60		• VALVE ASSY, BRAKE RELAY SEE FIG. 2.15-1 INDEX 50	RF		
		C AIRPLANES #35 THRU 38 AND 49 THRU 102			
		D AIRPLANES #39 THRU 48, 103 AND ON			

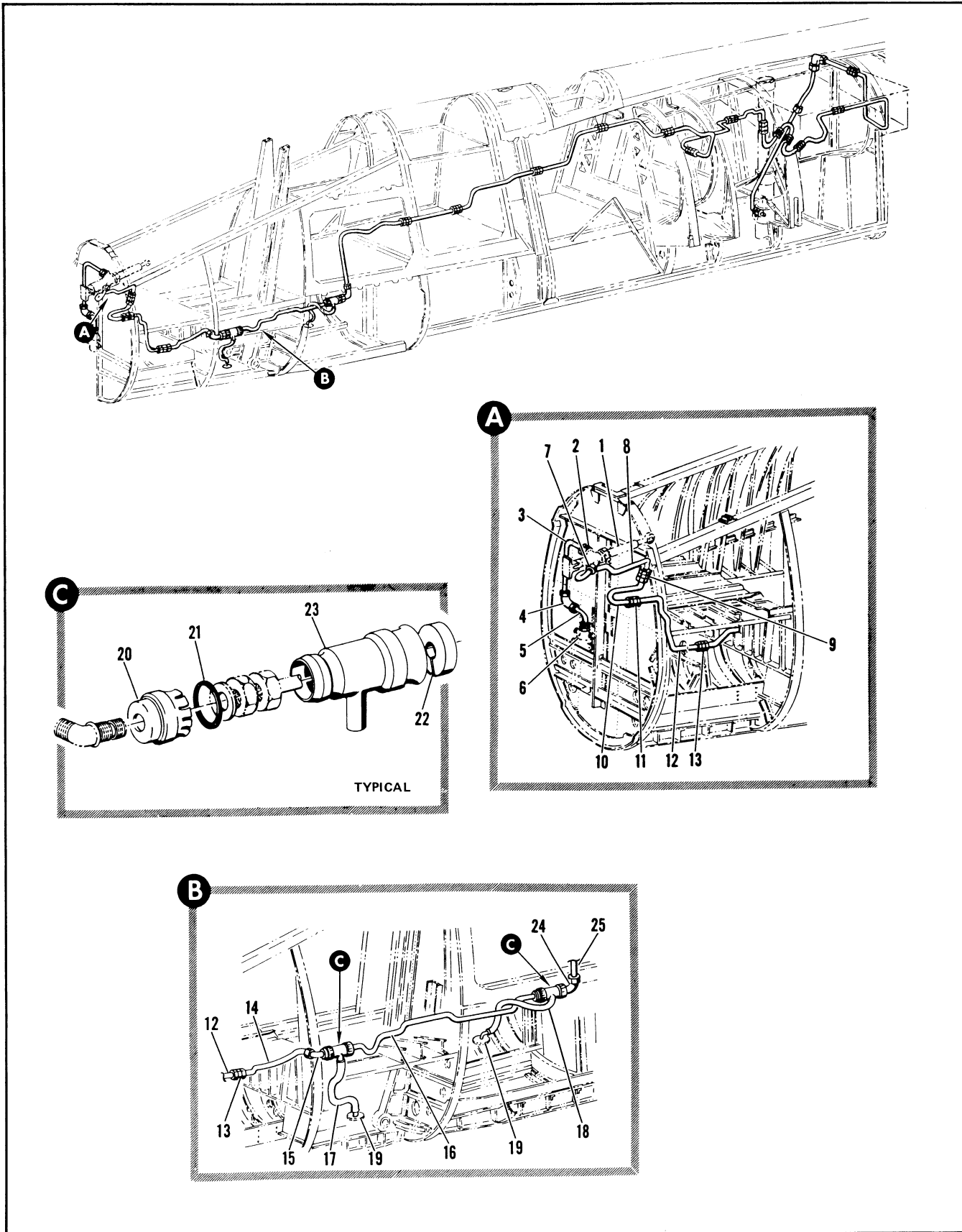


Figure 2.9-15. Pneumatic Master Brake Cylinder to Wheel Brake Relay Valve Tubing Installation RH (Sheet 1 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.9-15	8-80430	TUBING INSTALLATION, PNEUMATIC MASTER BRAKE CYLINDER TO WHEEL BRAKE RELAY VALVE RH	1	35	
	8-80429	TUBING INSTALLATION, PNEUMATIC MASTER BRAKE CYLINDER TO WHEEL BRAKE RELAY VALVE RH MODIFIED BY 8-80504	1	35	
- 1		• CYLINDER, MASTER BRAKE SEE FIG. 2.14-26 INDEX 12	RF		
- 2	MS21902D3	• UNION	2	B	
	AN6290-3	• GASKET	2	B	
- 3	8-80430-383	• TUBE ASSY, EXPANSION CHAMBER	1	48	48
	8-80430-391	• TUBE ASSY, EXPANSION CHAMBER	1	90	
- 4	MS21908D3	• ELBOW	1	B	
	AN960D616	• WASHER	1	B	
	AN924-3D	• NUT	1	48	48
- 5	8-80430-387	• TUBE ASSY, EXPANSION CHAMBER	1	48	48
	8-80430-393	• TUBE ASSY, EXPANSION CHAMBER	1	90	
- 6		• EXPANSION CHAMBER, BRAKE HYDRAULIC SEE FIG. 2.8-1 INDEX 15	RF		
- 7	MS21902D3	• UNION	1	35	
	AN6920-3	• GASKET	1	35	
- 8	8-80430-279	• TUBE ASSEMBLY	1	A	
	8-80430-355	• TUBE ASSEMBLY	1	B	
- 9	MS21903D3	• UNION	1	35	
	AN924-3D	• NUT	1	35	
	AN960D616	• WASHER	1	35	
- 10	8-80430-183	• TUBE ASSEMBLY	1	A	
	8-80430-377	• TUBE ASSEMBLY	1	B	
- 11	MS21902D3	• UNION	1	35	
- 12	8-80430-131	• TUBE ASSEMBLY	1	A	
	8-80430-379	• TUBE ASSEMBLY	1	B	
- 13	MS21903D3	• UNION	1	35	
	AN924-3D	• NUT	1	35	
	AN960D616	• WASHER	1	35	
- 14	8-80430-307	• TUBE ASSY, DRAIN	1	35	
- 15	MS21907D3	• ELBOW	1	35	
	AN924-3D	• NUT	1	35	
	AN960D616	• WASHER	1	35	
- 16	8-80430-311	• TUBE ASSEMBLY	1	A	
	8-80430-375	• TUBE ASSEMBLY	1	B	
- 17	8-80430-309	• TUBE ASSY, DRAIN	1	35	
- 18	8-80430-313	• TUBE ASSY, DRAIN	1	35	
- 19		• ADAPTER ASSY, SHROUD DRAIN SEE FIG. 2.3-9 INDEX 2	RF		
	8-81331-1	• SHROUD ASSY, TUBING	2	35	
- 20	8-81257-7	• RECEPTACLE	1	35	
- 21	AN6227-19	• PACKING	1	35	
- 22	8-81258-7	• GROMMET	1	35	
- 23	8-81331-7	• SHROUD ASSY, WELDED	1	35	
- 24	MS21908D3	• ELBOW	135		
	AN924-3D	• NUT	1	35	
	AN960D616	• WASHER	1	35	

A AIRPLANES #35 THRU 47 AND 49 THRU 89  
 B AIRPLANES #48, 90 AND ON

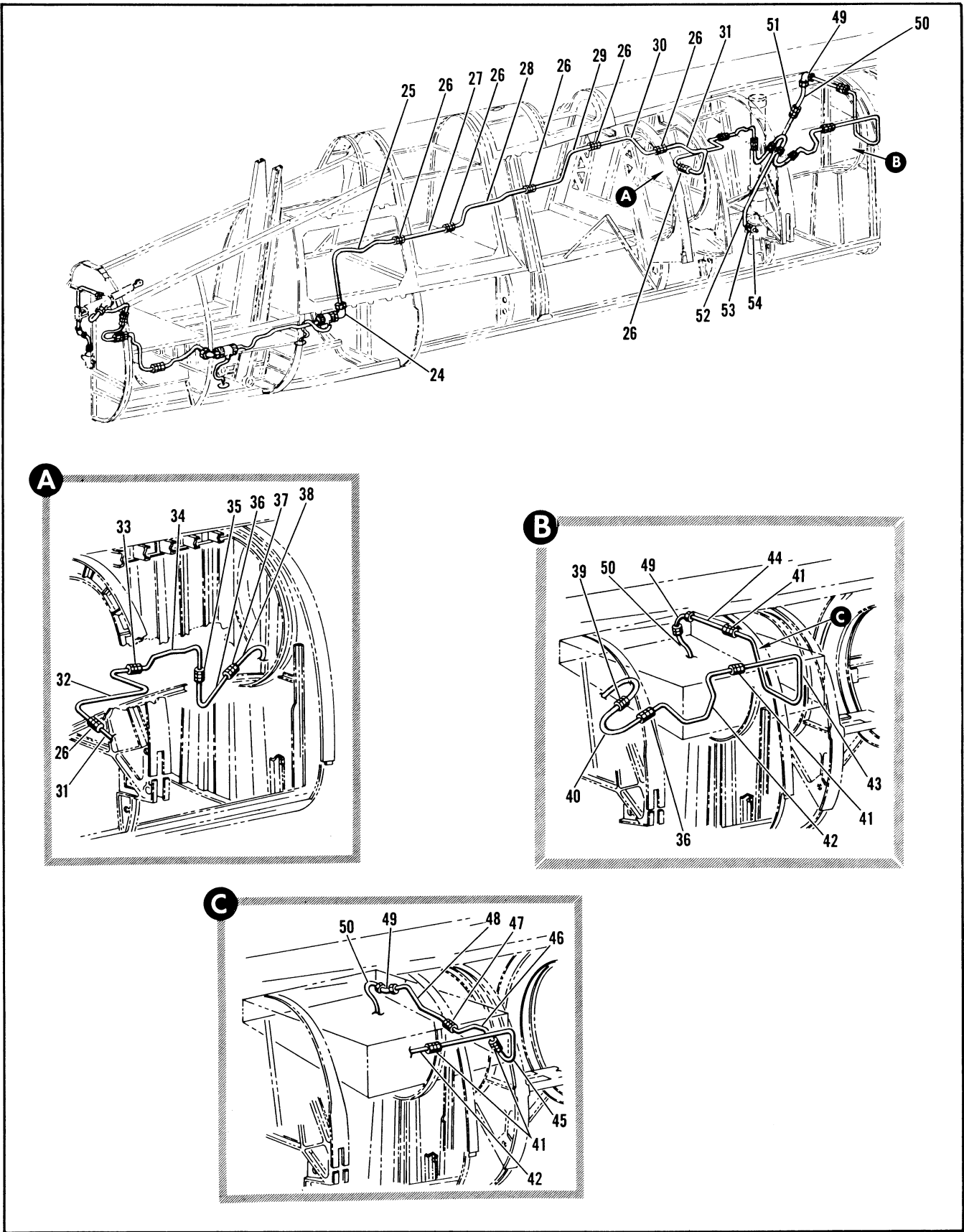


Figure 2.9-15. Pneumatic Master Brake Cylinder to Wheel Brake Relay Valve Tubing Installation RH (Sheet 2 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.9-15- 25	8-80429-411	• TUBE ASSEMBLY	1	35	
- 26	MS21902D3	• UNION	6	35	
- 27	8-80429-41	• TUBE ASSEMBLY	1	35	
- 28	8-80429-1075	• TUBE ASSEMBLY	1	35	
- 29	8-80429-387	• TUBE ASSEMBLY	1	35	
- 30	8-80429-385	• TUBE ASSEMBLY	1	35	
- 31	8-80429-69	• TUBE ASSEMBLY	1	35	
- 32	8-80429-1193	• TUBE ASSEMBLY	1	35	
- 33	MS21903D3	• UNION	1	35	
	AN924-3D	• NUT	1	35	
	AN960D616	• WASHER	1	35	
- 34	8-80429-1195	• TUBE ASSEMBLY	1	35	
- 35	MS21903D3	• UNION	1	35	
- 36	8-80429-1197	• TUBE ASSEMBLY	1	35	
- 37	MS21902D3	• UNION	1	35	
- 38	8-80429-541	• TUBE ASSEMBLY	1	35	50
	8-80429-1251	• TUBE ASSEMBLY	1	61	
- 39	MS21903D3	• UNION	1	35	
	AN924-3D	• NUT	1	35	
	AN960D616	• WASHER	1	35	
- 40	8-80429-1113	• TUBE ASSEMBLY	1	35	60
	8-80429-1263	• TUBE ASSEMBLY	1	61	
- 41	MS21902D3	• UNION	3	35	
- 42	8-80429-1111	• TUBE ASSEMBLY	1	35	
- 43	8-80429-663	• TUBE ASSEMBLY	1	35	48
- 44	8-80429-661	• TUBE ASSEMBLY	1	35	48
- 45	8-80429-1209	• TUBE ASSEMBLY	1	49	
- 46	8-80429-1211	• TUBE ASSEMBLY	1	49	
- 47	MS21902D3	• UNION	1	49	
- 48	8-80429-1213	• TUBE ASSEMBLY	1	49	
- 49	MS21907D3	• ELBOW	1	35	
	AN924-3D	• NUT	1	35	
	AN960D616	• WASHER	1	35	
- 50	666035-3-0170	• HOSE ASSY, <00624> 94-80520-089	1	35	38
	SF124223-3D0170	• HOSE ASSY, <98441> SPEC 8-38538-31	1	39	
- 51	MS21903D3	• UNION	1	35	
	AN924-3D	• NUT	1	35	
	AN960D716L	• WASHER	1	35	
- 52	8-80429-629	• TUBE ASSEMBLY	1	35	102
	8-80429-1335	• TUBE ASSEMBLY	1	103	
- 53	MS21916D4-3	• REDUCER	1	35	
	AN6290-4	• GASKET	1	35	
- 54		• VALVE ASSY, BRAKE RELAY SEE FIG. 2.15-1 INDEX 50	RF		

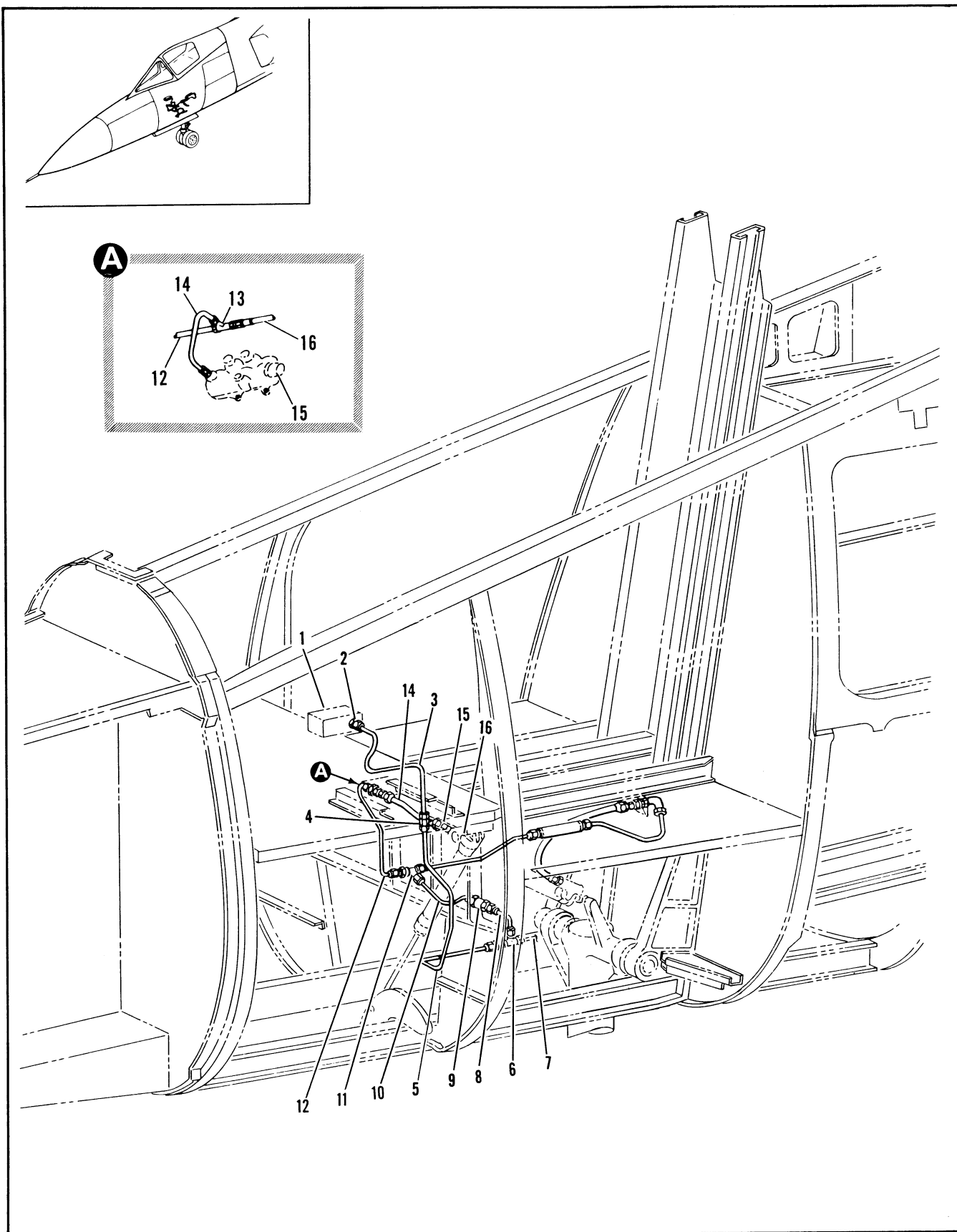


Figure 2.9-16. High Pressure Pneumatic Nose Landing Gear Tubing Installation (Sheet 1 of 2)



FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.9-16	8-80430	TUBING INSTALLATION, HIGH PRESSURE PNEUMATIC NOSE LANDING GEAR	1	35	
- 1		• VALVE ASSY, SEE FIG. 2.15-7 INDEX 15	PF		
- 2	MS21902D4	• UNION	1	35	
	AN6290-4	• GASKET	1	35	
- 3	8-80430-345	• TUBE ASSY, NLG ACTUATOR	1	35	159
	8-80430-405	• TUBE ASSY, NLG ACTUATOR	1	160	
- 4	MS21903D4	• UNION	1	35	
	AN924-4	• NUT	1	35	
	AN9600716	• WASHER	1	35	
- 5	8-80430-295	• TUBE ASSY, NLG ACTUATOR	1	35	
- 6	MS21912D4	• TEE	1	35	
	AN924-4D	• NUT	1	35	
	AN9600716	• WASHER	1	35	
- 7		• TUBE ASSY, MLG ACTUATOR SEE FIG. 2.9-16 INDEX 3	PF		
- 8	8-80430-287	• TUBE ASSY, NLG ACTUATOR	1	A	
	8-80430-357	• TUBE ASSY, NLG ACTUATOR	1	B	
- 9	8R7448-5	• VALVE ASSY, CHECK NLG <91207> SPEC 8-00428-5 T.O.9P5-13-3-13	1	35	
- 10	8-80430-289	• TUBE ASSY, NLG ACTUATOR	1	A	
	8-80430-359	• TUBE ASSY, NLG ACTUATOR	1	B	
- 11	MS21912D4	• TEE	1	35	
	AN924-4D	• NUT	1	35	
	AN9600716	• WASHER	1	35	
- 12	8-80430-291	• TUBE ASSY, NLG DOOR ACTUATOR	1	A	
	8-80430-361	• TUBE ASSY, NLG DOOR ACTUATOR	1	B	
- 13	MS21912D4	• TEE	1		
	AN924-4D	• NUT	1	35	
	AN9600716	• WASHER	1	35	
- 14	64A34527-1	• TUBE ASSY, PNEUMATIC BYPASS VALVE	1		
	64A34513-1	• TUBE ASSY, PNEUMATIC BYPASS VALVE	1		
- 15		• VALVE, EMERGENCY BYPASS SEE FIG. 2.15-1 INDEX 5	RF		
- 16	MS8001E093A	• HOSE ASSY, NLG DOOR EMERGENCY OPEN (ASSEMBLE FROM)	1	C	
	MIL-H-27267-4	• • HOSE, BULK, MED. PRESS. TEFLON	AR		
	R5400-.460	• • GUARD, CHAFE	AR		
	MS27381-4C	• • ADAPTER ASSY, FLARELESS, STRAIGHT	2		
	MS8001E110B	• HOSE ASSY, NLG DOOR EMERGENCY OPEN (ASSEMBLE FROM)	1	B	
	MIL-H-27267-4	• • HOSE, BULK, MED PRESS TEFLON	AR		
	R5400-.460	• • GUARD, CHAFE	AR		
	MS27381-4C	• • ADAPTER ASSY, FLARELESS, STRAIGHT	1		
	MS27384-4C	• • ADAPTER ASSY, FLARELESS, 45 DEGREE ELBOW	1		
- 17	MS21902D4	• UNION	1	35	
	AN6290-4	• GASKET	1	35	
- 18		• ACTUATOR ASSY, NLG DOOR SEE FIG. 2.15-13 INDEX 31	PF		
		A AIRPLANES #35 THRU 47 AND 49 THRU 89			
		B AIRPLANES #48, 90 AND ON			
		C AIRPLANES 35 THRU 47 AND 49 THRU 89			

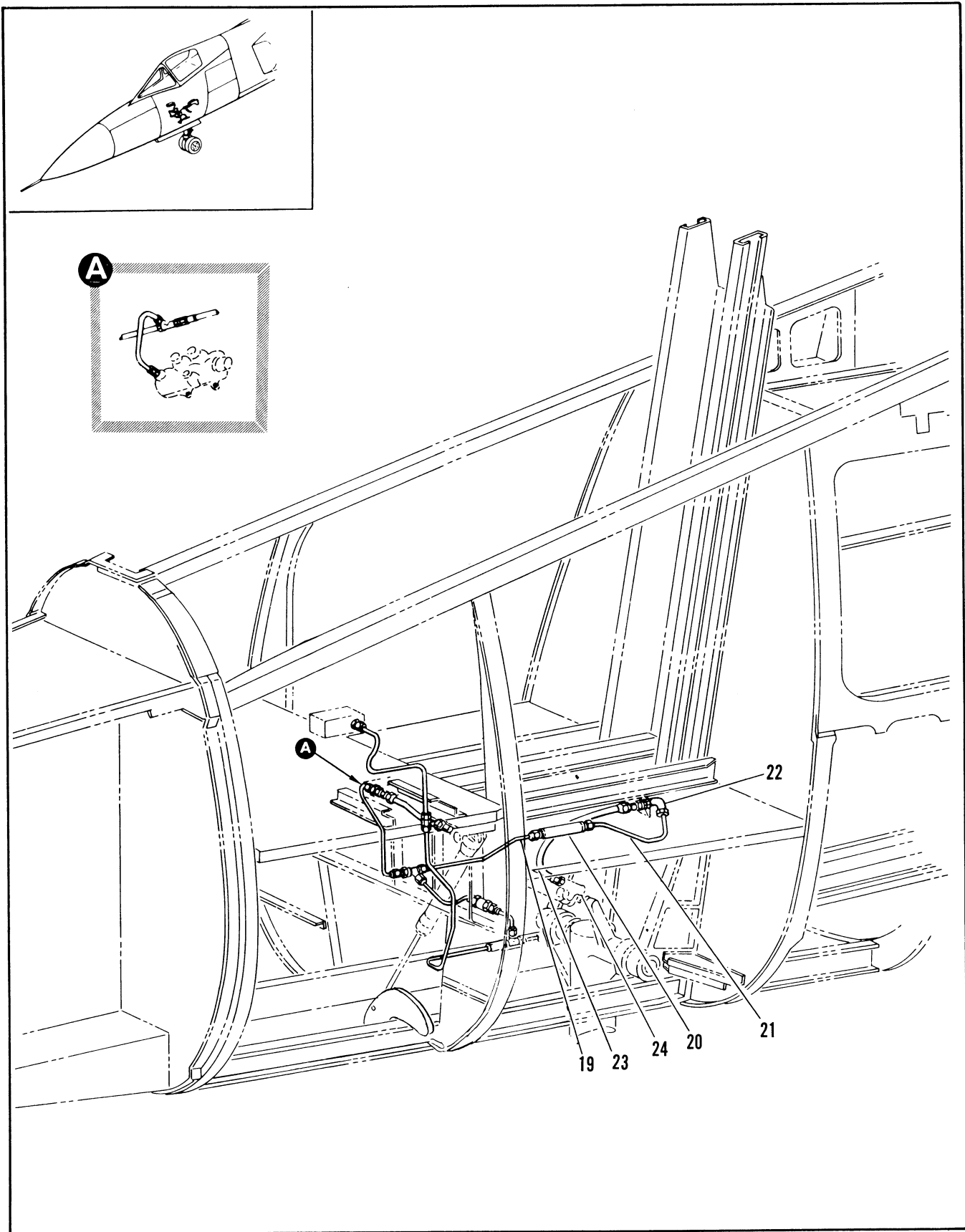


Figure 2.9-16. High Pressure Pneumatic Nose Landing Gear Tubing Installation (Sheet 2 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.9-16- 19	8-80430-31	• TUBE ASSY, NLG ACTUATOR	1	35	
- 20	41930-3	• VALVE ASSY, HIGH PRESS PRIORITY PNEUMATIC <81873> SPEC 8-00305-9 T.O. 9P5-7-6-3 REPLACED BY SUITABLE SUB 41930-13	1	35	70
	41930-13	• VALVE ASSY, HIGH PRESS PRIORITY PNEUMATIC <81873> SPEC 8-00305-13 REPLACES SUITABLE SUB FOR 41930-3	1	71	
- 21	8-80430-1E9	• TUBE ASSY, NLG ACTUATOR	1	35	
- 22	MS21904D4	• ELBOW	1	35	
	AN924-4D	• NUT	1	35	
	AN960D716	• WASHER	1	35	
- 23	MS8001E16CA	• HOSE ASSY, NLG STRUT EMERGENCY EXTEND (ASSEMBLE FROM)	1	35	
	MIL-H-27267-4	• HOSE, BULK, MED, PRESS. TEFLON	AR		
	MS27381-4C	• ADAPTER ASSY, FLARELESS, STRAIGHT	2		
- 24		• ACTUATOR ASSY, NLG SEE FIG. 2.15-16 INDEX 59	RF		

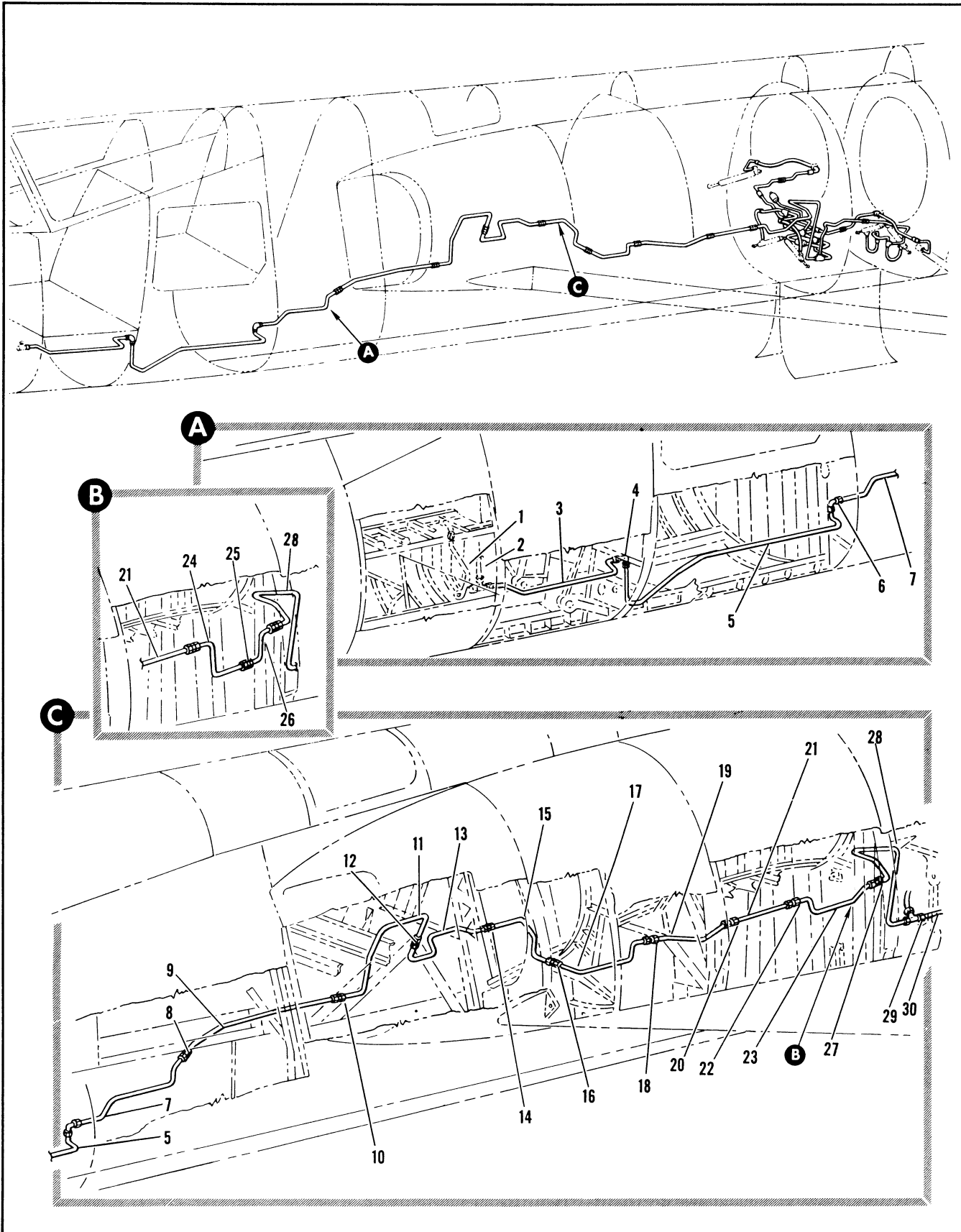


Figure 2.9-17. High Pressure Pneumatic Main Landing Gear Tubing Installation (Sheet 1 of 5)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.9-17	8-80430	TUBING INSTALLATION, HIGH PRESSURE PNEUMATIC MAIN LANDING GEAR	1	35	
	8-80429	TUBING INSTALLATION, HIGH PRESSURE PNEUMATIC MAIN LANDING GEAR MODIFIED BY 8-80504	1	35	
- 1		• TUBE ASSY, MLG ACTUATOR SEE FIG. 2.9-15 INDEX 5	RF		
- 2		• TUBE ASSY, MLG ACTUATOR SEE FIG. 2.9-15 INDEX 8	RF		
- 3	8-80430-37	• TUBE ASSY, MLG ACTUATOR	1	35	
- 4	MS21907D4	• ELBOW	1	35	
	AN924-4D	• NUT	1	35	
	AN9600716	• WASHER	1	35	
- 5	8-80430-323	• TUBE ASSY, MLG ACTUATOR	1	35	
- 6	MS21907D4	• ELBOW	1	35	
	AN924-4D	• NUT	1	35	
	AN9600716	• WASHER	1	35	
- 7	64A34208-1	• TUBE ASSY, HIGH PRESSURE PNEUMATIC	1		
- 8	MS21902D4	• UNION	1	35	
- 9	64A34207-1	• TUBE ASSY, HIGH PRESSURE PNEUMATIC	1		
- 10	MS21902D4	• UNION	1	35	
- 11	8-80429-1083	• TUBE ASSY, MLG ACTUATOR	1	35	
- 12	MS21902D4	• UNION	1	35	
- 13	8-80429-1085	• TUBE ASSY, MLG ACTUATOR	1	35	
- 14	MS21902D4	• UNION	1	35	
- 15	8-80429-363	• TUBE ASSY, MLG ACTUATOR	1	35	
- 16	MS21902D4	• UNION	1	35	
- 17	8-80429-51	• TUBE ASSY, MLG ACTUATOR	1	35	
- 18	MS21902D4	• UNION	1	35	
- 19	8-80429-53	• TUBE ASSY, MLG ACTUATOR	1	35	
- 20	MS21902D4	• UNION	1	35	
- 21	8-80429-55	• TUBE ASSY, MLG ACTUATOR	1	35	
- 22	MS21902D4	• UNION	1	35	
- 23	8-80429-57	• TUBE ASSY, MLG ACTUATOR	1	A	
- 24	8-80429-1297	• TUBE ASSY, MLG ACTUATOR	1	B	
- 25	MS21903D4	• UNION	1	B	
	AN924-3D	• NUT	1	B	
	AN9600716	• WASHER	1	B	
- 26	8-80429-1299	• TUBE ASSY, MLG ACTUATOR	1	B	
- 27	MS21902D4	• UNION	1	35	
- 28	8-80429-11	• TUBE ASSY, MLG ACTUATOR	1	35	
- 29	MS21912D4	• TEE	1	35	
	AN924-4D	• NUT	1	35	
	AN9600716	• WASHER	1	35	
		A AIRPLANES #35 THRU 47 AND 49 THRU 89			
		B AIRPLANES #48, 90 AND ON			

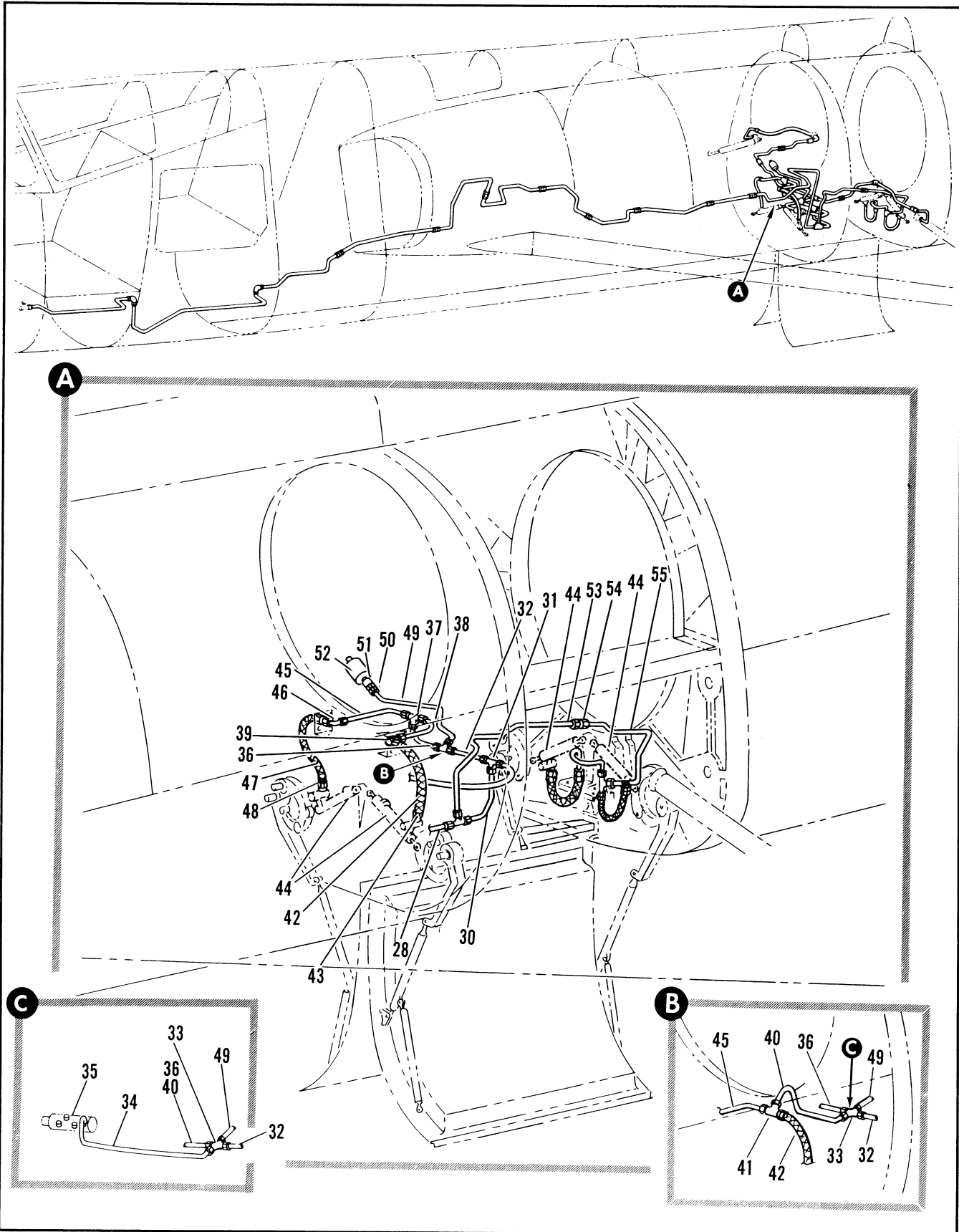


Figure 2.9-17. High Pressure Pneumatic Main Landing Gear Tubing Installation (Sheet 2 of 5)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.9-17- 30	8-80429-157	. TUBE ASSY, FWD MLG DOOR ACTUATOR	1	35	
- 31	MS21905D4	. TEE	1	35	
- 32	8-80429-133	. TUBE ASSY, FWD MLG DOOR ACTUATOR	1	35	
- 33	MS21906D4	. CROSS	1		
- 34	64A34519-1	. TUBE ASSY, PNEUMATIC BYPASS VALVE	1		
- 35		. VALVE, EMERGENCY BYPASS SEE FIG. 2.15-1 INDEX 64	PF		
- 36	8-80429-159	. TUBE ASSY, FWD MLG DOOR ACTUATOR	1	35	60
- 37	MS21905D4	. TEE	1	35	60
- 38	8-80429-161	. TUBE ASSY, FWD MLG DOOR ACTUATOR	1	35	60
- 39	MS21908D4	. ELBOW	1	35	60
	AN924-4D	. NUT	1	35	60
	AN960D716	. WASHER	1	35	60
- 40	8-80429-1269	. TUBE ASSY, FWD MLG DOOR ACTUATOR	1	61	
- 41	MS21912D4	. TEE	1	61	
	AN924-4D	. NUT	1	61	
	AN960D716	. WASHER	1	61	
- 42	MS8001E143A	. HOSE ASSY, LH MLG DOOR (FWD) EMERGENCY OPEN (ASSEMBLE FROM)	1	35	
	MIL-H-27267-4	. . HOSE, BULK, MED. PRESS, TEFLON	AR		
	MS27381-4C	. . ADAPTER ASSY, FLARELESS, STRAIGHT	2		
- 43	MS21902D4	. UNION	1	35	
	AN6290-4	. GASKET	1	35	
- 44		. ACTUATOR ASSY, MLG DOOR SEE FIG. 2.15-22 INDEX 2	PF		
- 45	8-80429-97	. TUBE ASSY, FWD MLG DOOR ACTUATOR RH	1	35	60
- 46	8-80429-1257	. TUBE ASSY, FWD MLG DOOR ACTUATOR RH	1	61	
	MS21908D4	. ELBOW	1	35	60
	MS21907D4	. ELBOW	1	61	
	AN924-4D	. NUT	1	35	
	AN960D716L	. WASHER	1	35	
- 47	MS8001E143A	. HOSE ASSY, RH MLG DOOR (FWD) EMERGENCY OPEN (ASSEMBLE FROM)	1	35	
	MIL-H-27267-4	. HOSE, BULK, MED PRESS TEFLON	AR		
	MS27381-4C	. ADAPTER ASSY, FLARELESS, STRAIGHT	2		
	MIL-H-27267-4	. . HOSE, BULK, MED. PRESS. TEFLON	AR		
	MS27381-4C	. . ADAPTER ASSY, FLARELESS, STRAIGHT	2		
- 48	MS21902D4	. UNION	1	35	
	AN6290-4	. GASKET	1	35	
- 49	8-80429-167	. TUBE ASSY, PRESSURE SWITCH	1	35	
- 50	MS21902D4	. UNION	2	35	
	AN6290-4	. GASKET	3	35	
- 51	9R7442-1	. RESTRICTOR, FIXED PNEUMATIC <91207> SPEC 8-00429-1	1	35	
- 52	95400-3	. SWITCH ASSY, PRESSURE <81873> SPEC 8-10404-3 T.O. 8S2-3-49-13	1	35	
- 53	8-80429-307	. TUBE ASSY, AFT MLG DOOR ACTUATOR	1	35	
- 54	MS21902D4	. UNION	1	35	
- 55	8-80429-627	. TUBE ASSY, AFT MLG DOOR ACTUATOR	1	35	60

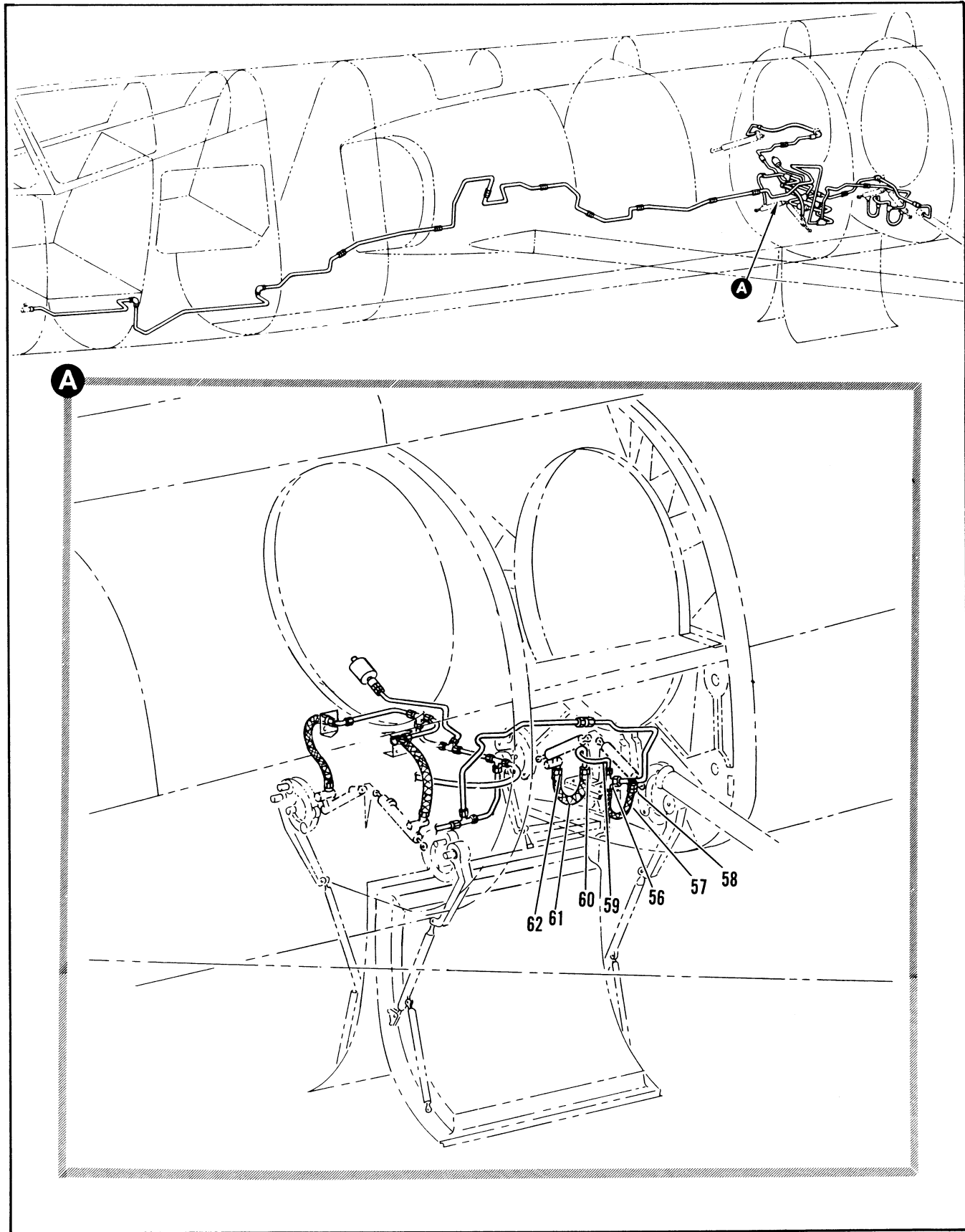


Figure 2.9-17. High Pressure Pneumatic Main Landing Gear Tubing Installation (Sheet 3 of 5)



FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.9-17	8-80429-1275	• TUBE ASSY, AFT MLG DOOR ACTUATOR	1	61	
- 56	MS21912D4	• TEE	1	35	
	AN924-4D	• NUT	1	35	
	AN960D716L	• WASHER	1	35	
- 57	MS8001E135A	• HOSE ASSY, LH MLG DOOR (AFT) EMERGENCY OPEN (ASSEMBLE FROM )	1	35	
	MIL-H-27267-4	• • HOSE, BULK, MED. PRESS, TEFLON	AR		
	MS27381-4C	• • ADAPTER ASSY, FLARELESS, STRAIGHT	2		
- 58	MS21902D4	• UNION	1	35	
	AN6290-4	• GASKET	1	35	
- 59	8-80429-623	• TUBE ASSY, AFT MLG DOOR ACTUATOR RH	1	35	50
	8-80429-1261	• TUBE ASSY, AFT MLG DOOR ACTUATOR RH	1	61	
- 60	MS21903D4	• UNION	1	35	
	AN924-4D	• NUT	1	35	
	AN960D716L	• WASHER	1	35	
- 61	MS8001E135A	• HOSE ASSY, RH MLG DOOR (AFT) EMERGENCY OPEN (ASSEMBLE FROM)	1	35	
	MIL-H-27267-4	• • HOSE, BULK, MED. PRESS TEFLON	AR		
	MS27381-4C	• • ADAPTER ASSY, FLARELESS, STRAIGHT	2		
- 62	MS21902D4	• UNION	1	35	
	AN6290-4	• GASKET	1	35	

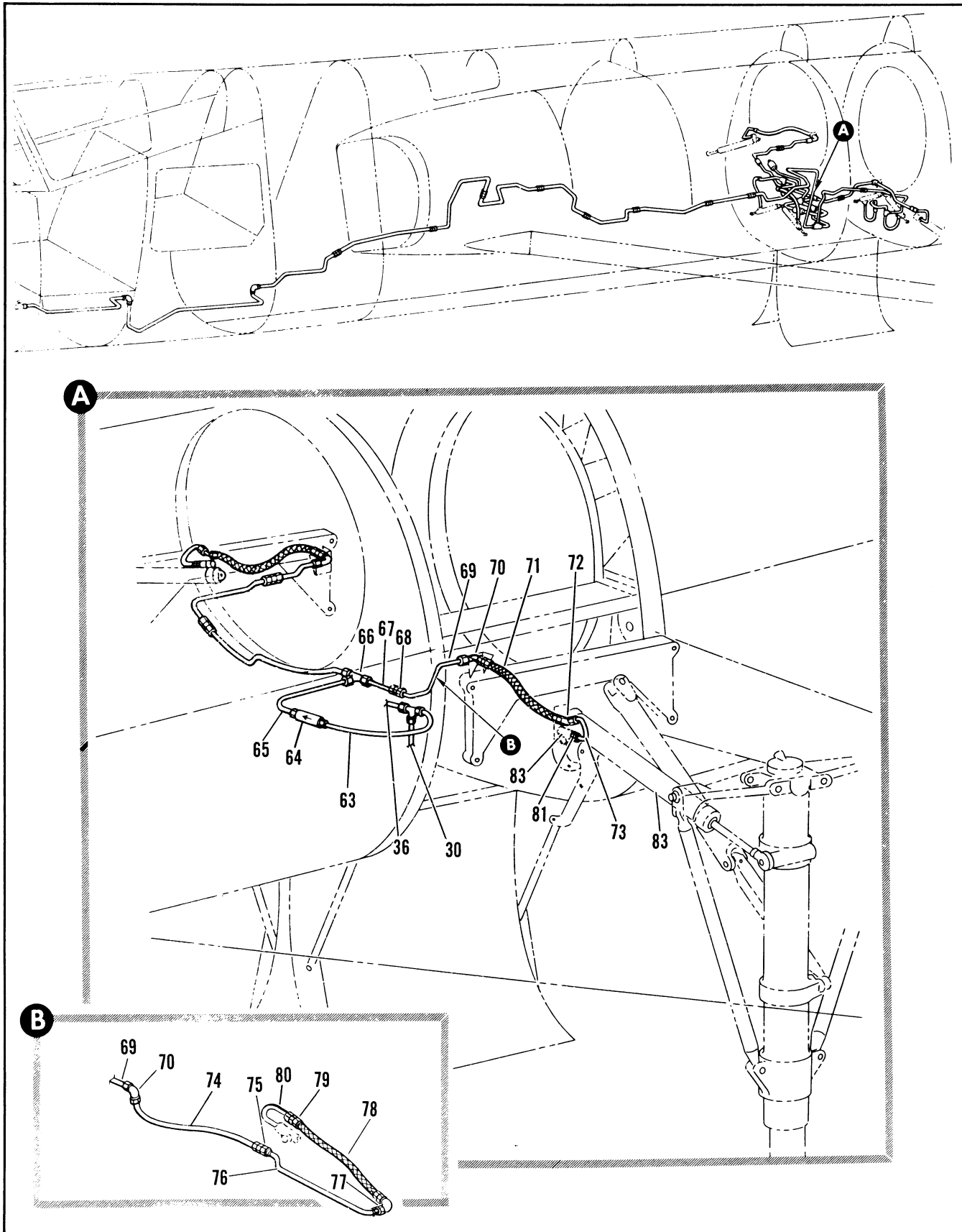


Figure 2.9-17. High Pressure Pneumatic Main Landing Gear Tubing Installation (Sheet 4 of 5)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.9-17- 63	8-80429-145	• TUBE ASSY, MLG ACTUATOR	1	35	60
- 64	8-80429-1265 41930-7	• TUBE ASSY, MLG ACTUATOR • VALVE ASSY, PRIORITY HIGH PRESSURE <81873> SPEC 8-00305-11 T.O.9P5-7-6-3	1 1 1	61 35	
- 65	8-80429-151	• TUBE ASSY, MLG ACTUATOR	1	35	60
- 66	8-80429-1267	• TUBE ASSY, MLG ACTUATOR	1	61	
- 67	MS21905D4	• TEE	1	35	
- 68	8-80429-153	• TUBE ASSY, MLG ACTUATOR LH	1	35	
- 69	MS21902D4	• UNION	1	35	
- 70	8-80429-155	• TUBE ASSY, MLG ACTUATOR LH	1	35	38
- 71	8-80429-1107	• TUBE ASSY, MLG ACTUATOR LH	1	39	
	MS21907D4	• ELBOW	1	35	
	AN924-4D	• NUT	1	35	
	AN960D716	• WASHER	1	35	
	MS8001E133A	• HOSE ASSY, LH MLG STRUT, EMERGENCY EXTEND (ASSEMBLE FROM )	1	35	38
	MIL-H-27267-4	• HOSE, BULK, MED. PRESS TEFLON	AR		
	RS400-.460	• GUARD, CHAFE	AR		
- 72	MS27381-4C	• ADAPTER ASSY, FLARELESS, STRAIGHT	2		
	MS21907D4	• ELBOW	1	35	38
	AN924-4D	• NUT	1	35	38
	AN960D716L	• WASHER	1	35	38
- 73	8-80429-319	• TUBE ASSY, MLG ACTUATOR LH	1	35	38
- 74	8-80429-057	• TUBE ASSY, MLG ACTUATOR LH	1	39	48
	8-80429-1199	• TUBE ASSY, MLG ACTUATOR LH	1	49	
- 75	MS21902D4	• UNION	1	39	
- 76	8-80429-1099	• TUBE ASSY, MLG ACTUATOR LH	1	39	48
	8-80429-1201	• TUBE ASSY, MLG ACTUATOR LH	1	49	129
	8-80429-1359	• TUBE ASSY, MLG ACTUATOR LH	1	130	
- 77	MS21903D4	• UNION	1	39	
	AN924-4D	• NUT	1	39	
	AN960D716L	• WASHER	1	39	
- 78	MS8001E142D0	• HOSE ASSY, LH MLG STRUT, EMERGENCY EXTEND (ASSEMBLE FROM)	1	39	48
	MIL-H-27267-4	• HOSE, BULK, MED. PRESS TEFLON	AR		
	RS400-.460	• GUARD, CHAFE	AR		
	MS27384-4C	• ADAPTER ASSY, FLARELESS 45 DEGREE ELBOW	2		
	MS8001E146E	• HOSE ASSY, LH MLG STRUT, EMERGENCY EXTEND (ASSEMBLE FROM)	1	49	
	MIL-H-27267-4	• HOSE, BULK, MED. PRESS TEFLON	AR		
	RS400-.460	• GUARD, CHAFE	AR		
	MS27381-4C	• ADAPTER ASSY, FLARELESS, STRAIGHT	1		
- 79	MS27384-4C	• ADAPTER ASSY, FLARELESS, 45 DEGREE ELBOW	1		
	MS21903D4	• UNION	1	39	
	AN924-4D	• NUT	1	39	
	AN960D716L	• WASHER	1	39	
- 80	8-80429-1207	• TUBE ASSY, MLG ACTUATOR LH	1	39	
- 81	MS21916D6-4	• REDUCER	1	35	
	AN6290-6	• GASKET	1	35	
- 82		• VALVE ASSY, SHUTTLE SEE FIG. 2.15-26 INDEX 13	RF		
- 83		• ACTUATOR ASSY, MLG SEE FIG. 2.15-25 INDEX 21	RF		

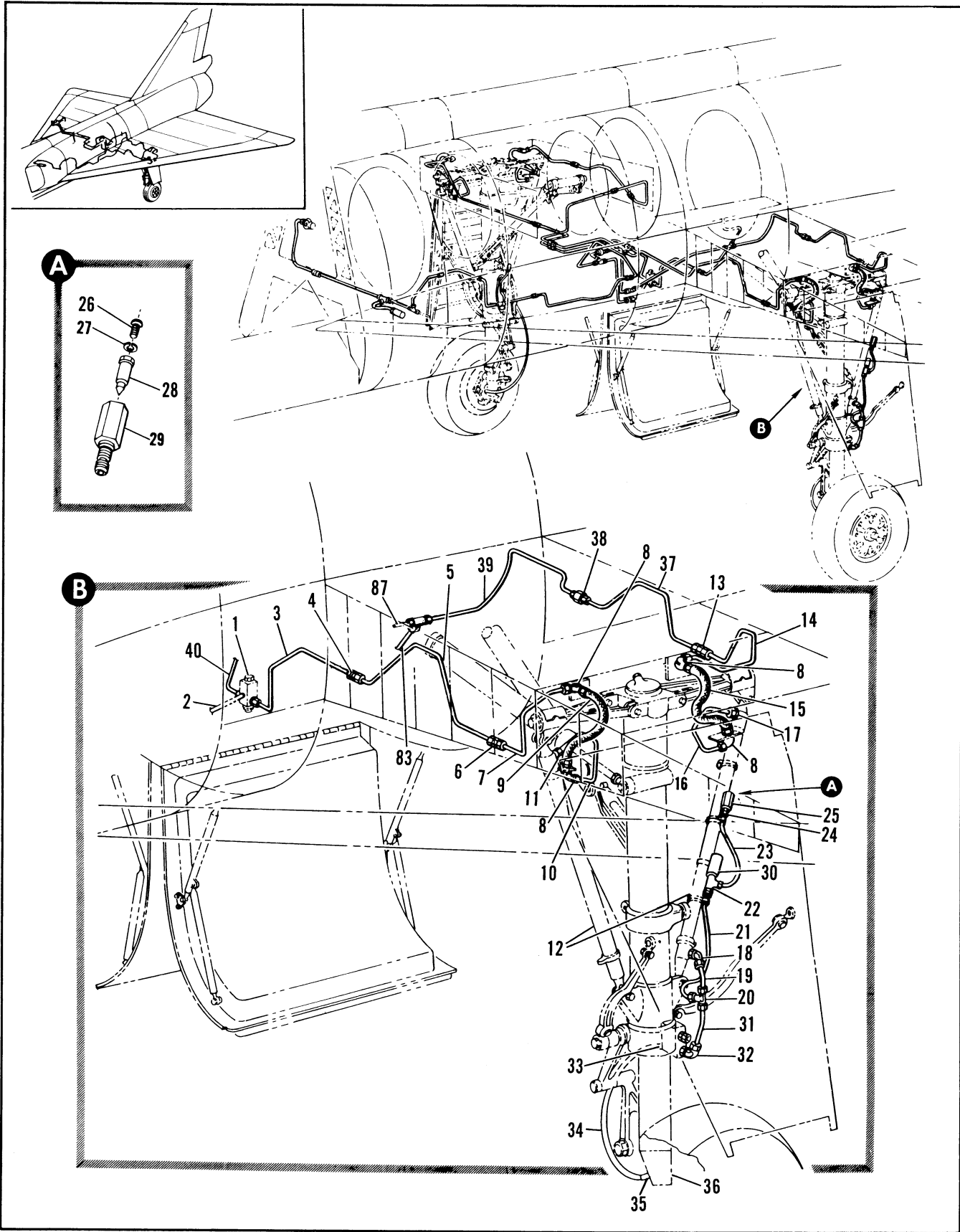


Figure 2.9-18. High Pressure Pneumatic Main Landing Gear Brake Supply Tubing Installation (Sheet 1 of 4)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.9-18	8-80429	TUBING INSTL, HIGH PRESSURE PNEUMATIC MAIN LANDING GEAR BRAKE SUPPLY MODIFIED BY 8-80504 AND 66J40297	1	35	
- 1		• VALVE ASSY, SEE FIG. 2.9-22 INDEX 19	RF		
- 2		• TUBE ASSY, BLEED SEE FIG. 2.9-22 INDEX 18	RF		
- 3	8-80429-1385	• TUBE ASSY, FWD DRAG BRACE LH	1	241	
- 4	MS21902D4	• UNION	1	35	
- 5	65A33102-1	• TUBE ASSY, LH	1	35	
- 6	MS21902D4	• UNION	1	35	
- 7	8-80429-753	• TUBE ASSY, FWD DRAG BRACE LH	1	35	
- 8	MS21908D4	• ELBOW	4	35	
	AN924-4D	• NUT	4	35	
	AN960D716L	• WASHER	4	35	
- 9	127012-4CR0170	• HOSE ASSY, FWD DRAG BRACE SERVICING <98441>	1	35	
- 10	8-80429-639	• TUBE ASSY, FWD DRAG BRACE LH	1	35	102
	8-80429-1333	• TUBE ASSY, FWD DRAG BRACE LH	1	103	
- 11	MS21902D4	• UNION	1	35	
	AN6290-4	• GASKET	1	35	
- 12		• SHOCK STRUT, MLG., SEE FIG. 2.15-25 INDEX 82	RF		
- 13	MS21902D4	• UNION	1	35	
- 14	8-80429-303	• TUBE ASSY, AFT DRAG BRACE LH	1	35	
- 15	127012-4CR0170	• HOSE ASSY, AFT DRAG BRACE SERVICING <98441>	1	35	
- 16	8-80429-755	• TUBE ASSY, AFT DRAG BRACE LH	1	35	102
	8-80429-1331	• TUBE ASSY, AFT DRAG BRACE LH	1	103	
- 17	155140-2	• VALVE, CHECK <91864> SPEC 8-00430-3 T.O.9P5-12-35-3	1	35	
	AN6290-4	• GASKET	1	35	
- 18	4190-565491	• ELBOW, <92003> 93-40014-001	1	35	
- 19	8-80429-757	• TUBE ASSY, AFT DRAG BRACE LH	1	35	
- 20	MS21905D4	• TEE	1	35	
- 21	8-80429-761	• TUBE ASSY, RELIEF VALVE LH	1	35	
- 22	MS21911D4	• TEE	1	A	
	AN6290-4	• GASKET	1	A	
- 23	8-80429-8	• TUBE ASSY, BLEED VALVE		A	
- 24	AN924-4D	• NUT	1	A	
	AN960D716	• WASHER	1	A	
- 25	8-85107	• PLUG ASSY, BLEEDER	1	A	
- 26	AN520C10R6	• SCREW	1	A	
- 27	AN935-10L	• WASHER	1	A	
- 28	AN6204-1	• VALVE	1	A	
- 29	8-85107-7	• PLUG	1	A	
- 30	MC1624-3450	• VALVE ASSY, RELIEF <76050> SPEC 8-08336-7 T.O.9P5-2-38-3	1	35	
- 31	8-80429-759	• TUBE ASSY, AFT DRAG BRACE LH		35	
- 32	4190-565491	• ELBOW, <92003> 93-40014-001	1	35	
- 33		• VALVE ASSY, BRAKE RELAY SEE FIG. 2.15-1 INDEX 47	RF		
- 34	MS8001E234A	• HOSE ASSY, LH BRAKE (ASSEMBLE FROM )	1	35	
	MIL-H-27267-4	• HOSE, BULK, MED. PRESS. TEFLON	AR		
	MS27381-4C	• ADAPTER ASSY, FLARELESS, STRAIGHT	2		
- 35	MS21902-4	• UNION	1	35	
	AN6290-4	• GASKET	1	35	
- 36		• BRAKE, MLG. SEE FIG. 2.15-26 INDEX 74	RF		
- 37	8-80429-751	• TUBE ASSY, DRAG BRACE LH	1	35	
- 38	MS21902D4	• UNION	1	35	
- 39	8-80429-1009	• TUBE ASSY, DRAG BRACE LH	1	35	

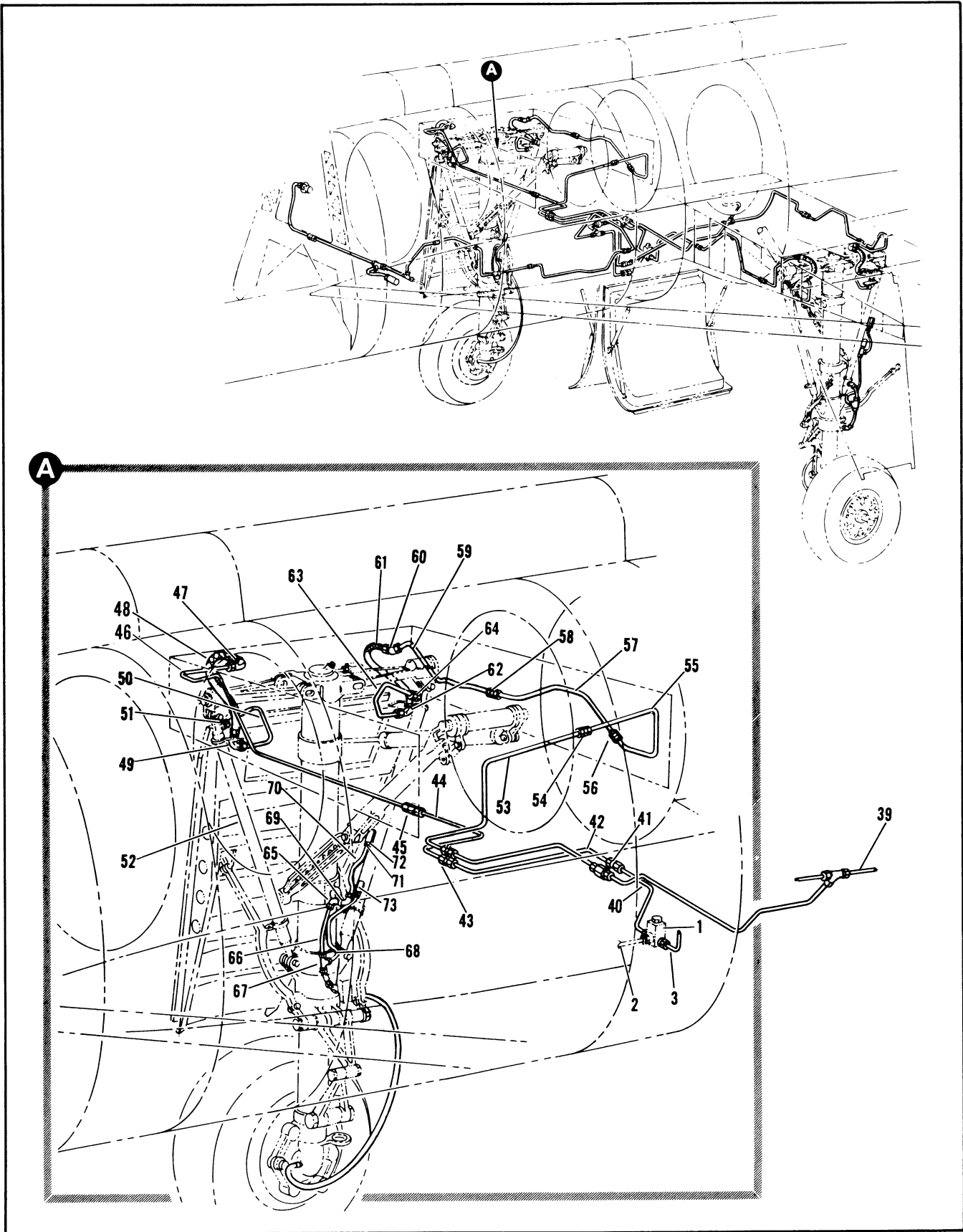


Figure 2.9-18. High Pressure Pneumatic Main Landing Gear Brake Supply Tubing Installation (Sheet 2 of 4)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.9-18- 40	8-80429-587	• TUBE ASSY, FWD DRAG BRACE RH	1	35	
- 41	MS21902D4	• UNION	1	35	
- 42	8-80429-1383	• TUBE ASSY, FWD DRAG BRACE RH	1	241	
- 43	MS21902D4	• UNION	1	35	
- 44	8-80429-1115	• TUBE ASSY, FWD DRAG BRACE RH	1	35	
- 45	MS21902D4	• UNION	1	35	
- 46	8-80429-1001	• TUBE ASSY, FWD DRAG BRACE RH	1	35	
- 47	MS21908D4	• ELBOW	1	35	
	AN924-4D	• NUT	1	35	
	AN960D716L	• WASHER	1	35	
- 48	127012-4CR0170	• HOSE ASSY, FWD DRAG BRACE SERVICING <98441>	1	35	
- 49	MS21908D4	• ELBOW	1	35	
	AN924-4D	• NUT	1	35	
	AN960D716L	• WASHER	1	35	
- 50	8-80429-641	• TUBE ASSY, FWD DRAG BRACE RH	1	35	102
	8-80429-1337	• TUBE ASSY, FWD DRAG BRACE RH	1	103	
- 51	MS21902D4	• UNION	1	35	
	AN6290-4	• GASKET	1	35	
- 52		• SHOCK STRUT, MLG, SEE FIG. 2.15-25 INDEX 82	RF		
- 53	8-80429-1117	• TUBE ASSY, AFT DRAG BRACE RH	1	35	
- 54	MS21902D4	• UNION	1	35	
- 55	8-80429-683	• TUBE ASSY, AFT DRAG BRACE RH	1	35	48
	8-80429-1215	• TUBE ASSY, AFT DRAG BRACE RH	1	49	
- 56	MS21902D4	• UNION	1	35	
- 57	8-80429-669	• TUBE ASSY, AFT DRAG BRACE RH	1	35	48
	8-80429-1217	• TUBE ASSY, AFT DRAG BRACE RH	1	49	
- 58	MS21902D4	• UNION	1	35	
- 59	8-80429-799	• TUBE ASSY, AFT DRAG BRACE RH	1	35	48
	8-80429-1219	• TUBE ASSY, AFT DRAG BRACE RH	1	49	
- 60	MS21907D4	• ELBOW	1	35	
	AN924-4D	• NUT	1	35	
	AN960D716L	• WASHER	1	35	
- 61	127012-4CR0170	• HOSE ASSY, AFT DRAG BRACE SERVICING <98441>	1	35	
- 62	MS21908D4	• ELBOW	1	35	
	AN924-4D	• NUT	1	35	
	AN960D716L	• WASHER	1	35	
- 63	8-80429-777	• TUBE ASSY, AFT DRAG BRACE RH	1	35	102
	8-80429-1329	• TUBE ASSY, AFT DRAG BRACE RH	1	103	
- 64	MS21902D4	• UNION	1	35	
	AN6290-4	• GASKET	1	35	
- 65	4190-565491	• ELBOW, <92003> 93-43014-001	1	35	
- 66	8-80429-779	• TUBE ASSY, AFT DRAG BRACE RH	1	35	
- 67	MS21905D4	• TEE	1	35	
- 68	8-80429-783	• TUBE ASSY, RELIEF VALVE	1	35	
- 69	MS21911D4	• TEE	1	A	
	AN6290-4	• GASKET	1	A	
- 70	8-80429-1279	• TUBE ASSY, BLEED VALVE RH	1	A	
- 71	AN924-4D	• NUT	1	A	
	AN960D716	• WASHER	1	A	
- 72	8-85107	• PLUG ASSY, BLEEDER	1	A	
	AN520C10R6	• • SCREW	1	A	
	AN935-10L	• • WASHER	1	A	
	AN6204-1	• • VALVE	1	A	
	8-85107-7	• • PLUG	1	A	
- 73	MC1624-3450	• VALVE ASSY, RELIEF <76050> SPEC 8-98336-7 T.O. 9P5-2-38-3	1	35	

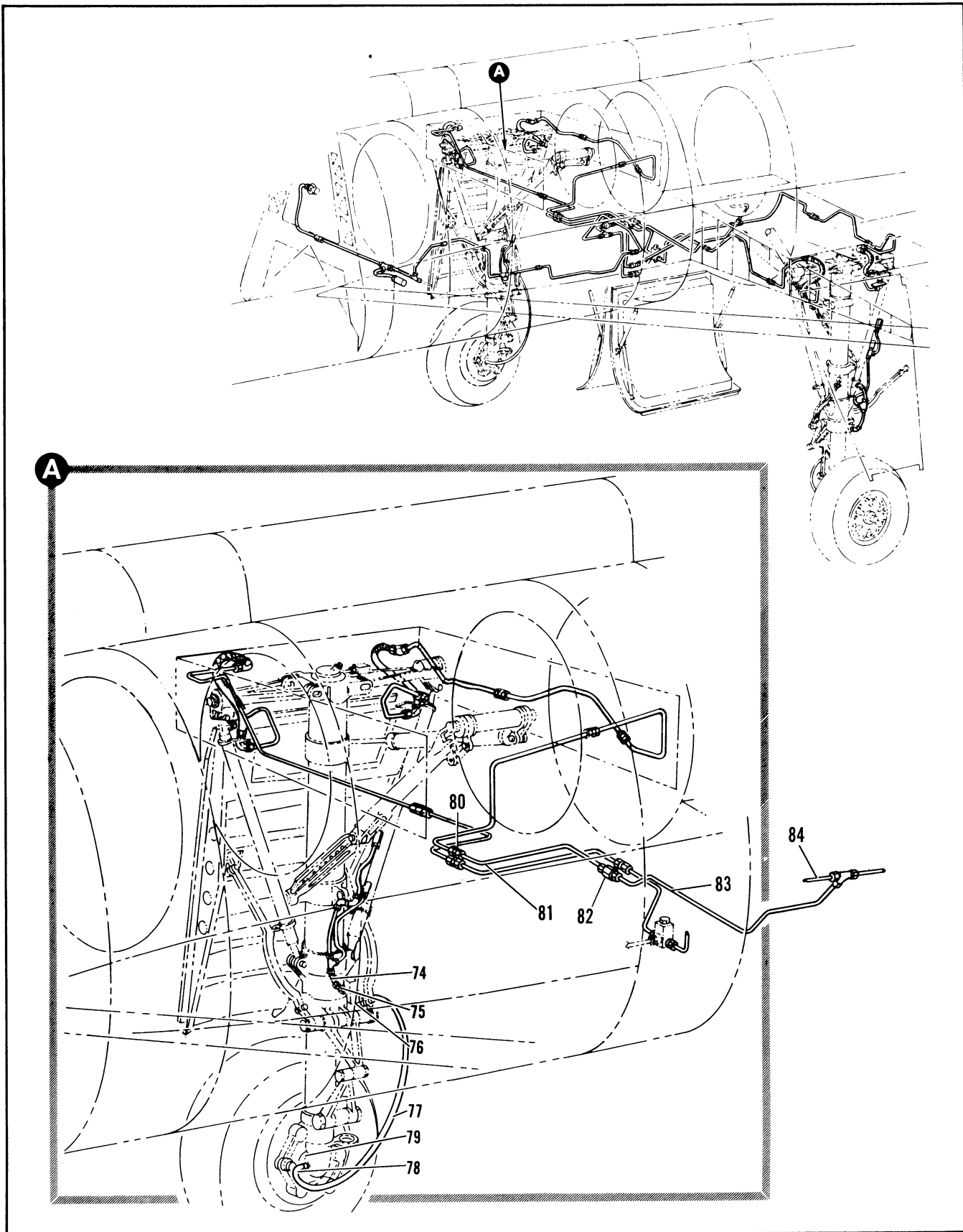


Figure 2.9-18. High Pressure Pneumatic Main Landing Gear Brake Supply Tubing Installation (Sheet 3 of 4)



FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.9-18- 74	8-80429-781	• TUBE ASSY, AFT DRAG BRACE RH	1	35	
- 75	4190-565491	• ELBOW, <92003> 93-40014-001	1	35	
- 76		• VALVE ASSY, BRAKE RELAY SEE FIG. 2.15-1 INDEX 47	RF		
- 77	MS8001E234A	(ASSEMBLE FROM)	1	35	
	MIL-H-27267-4	• • HOSE, BULK, MED. PRESS. TEFLON	AR		
	MS27381-4C	• • ADAPTER ASSY, FLARELESS, STRAIGHT	2		
- 78	MS21902-4	• UNION	1	35	
	AN6290-4	• GASKET	1	35	
- 79		• BRAKE, MLG, SEE FIG. 2.15-25 INDEX 74	RF		
- 80	MS21902D4	• UNION	1	35	
- 81	8-80429-1381	• TUBE ASSY, DRAG BRACE RH	1	241	
- 82	MS21902D4	• UNION	1		
- 83	8-80429-311	• TUBE ASSY, DRAG BRACE RH	1	35	
- 84		• TUBE ASSY, FILLER, SEE FIG. 2.9-23 INDEX 36	RF		
		A AIRPLANES #48, 61 AND ON			

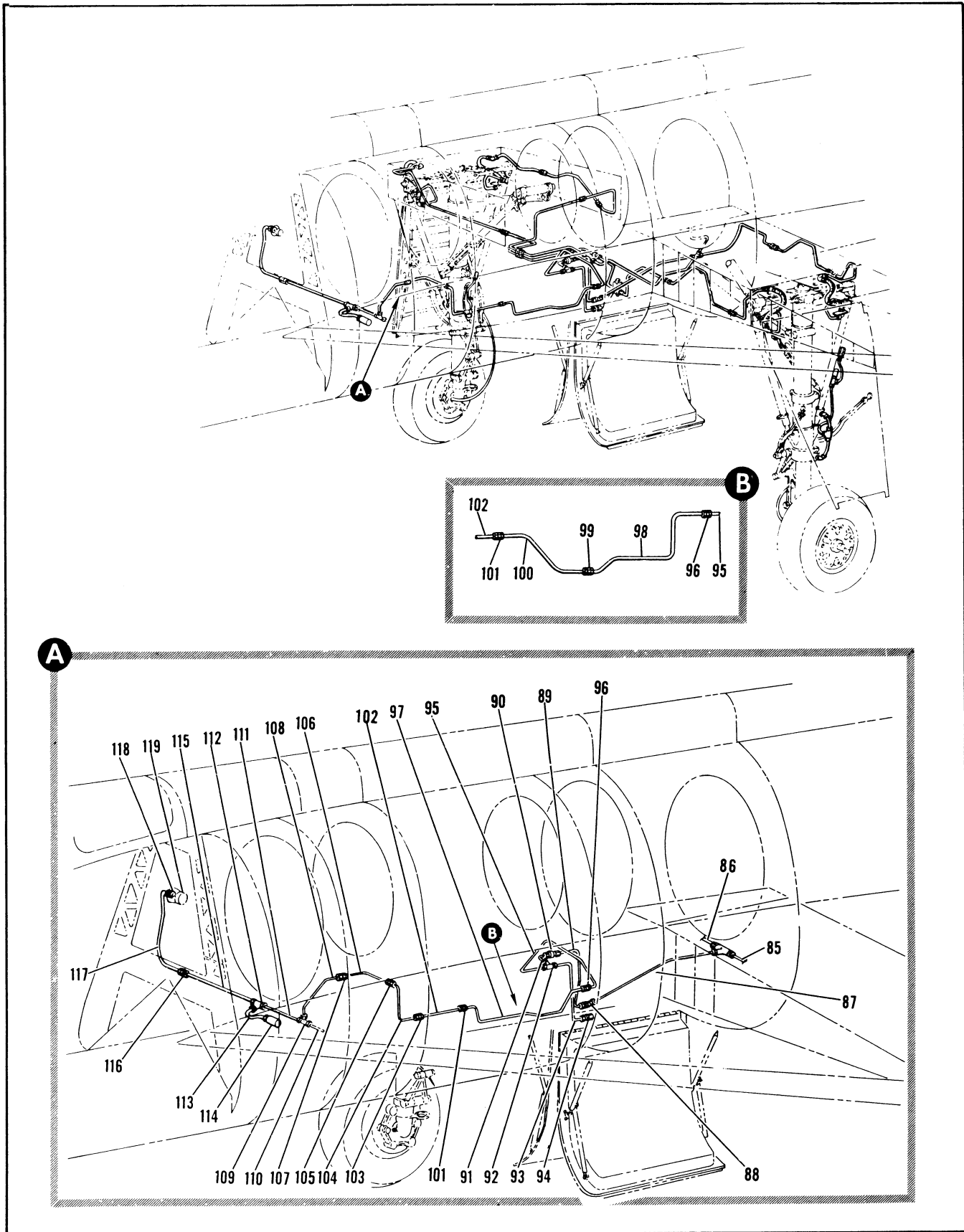


Figure 2.9-18. High Pressure Pneumatic Main Landing Gear Brake Supply Tubing Installation (Sheet 4 of 4)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.9-18- 85					
- 86		• TUBE ASSY, FILTER SEE FIG. 2.9-23 INDEX 43	RF		
- 87		• TUBE ASSY, FILTER SEE FIG. 2.9-23 INDEX 41	RF		
- 88	8-80429-765	• TUBE ASSY, SUPPLY	1	35	
	MS21907D4	• ELBOW	1	35	
	AN924-4D	• NUT	1	35	
	AN960D716	• WASHER	1	35	
- 89	8-80429-523	• TUBE ASSY, SUPPLY	1	35	
- 90	155140-2	• VALVE ASSY, CHECK <91864> SPEC 8-00430-0 T.O. 9P5-12-35-3	1	35	
- 91	8-80429-511	• TUBE ASSY, SUPPLY	1	35	
- 92	MS21905D4	• TEE	1	35	
- 93	8-80429-329	• TUBE ASSY, PLUG	1	35	
	AN924-4D	• NUT	1	35	
	AN960D716	• WASHER	1	35	
- 94	8-85107	• PLUG ASSEMBLY	1	35	
	AN520C10R6	• • SCREW	1	35	
	AN935-10L	• • WASHER	1	35	
	AN6204-1	• • VALVE	1	35	
	8-85107-7	• • PLUG	1	35	
- 95	8-80429-89	• TUBE ASSY, SUPPLY	1	35	
- 96	MS21902D4	• UNION	1	35	
- 97	8-80429-81	• TUBE ASSY, SUPPLY	1	B	
- 98	8-80429-1291	• TUBE ASSY, SUPPLY	1	C	
- 99	MS21902D4	• UNION	1	C	
	AN924-4D	• NUT	1	C	
	AN960D716	• WASHER	1	C	
-100	8-80429-1289	• TUBE ASSY, SUPPLY	1	C	
-101	MS21902D4	• UNION	1	C	
-102	8-80429-79	• TUBE ASSY, SUPPLY	1	35	
-103	MS21902D4	• UNION	1	35	
-104	8-80429-77	• TUBE ASSY, SUPPLY	1	35	
-105	MS21902D4	• UNION	1	35	
-106	8-80429-75	• TUBE ASSY, SUPPLY	1	35	
-107	MS21902D4	• UNION	1	35	
-108	66A39638-1	• TUBE ASSY	1		
-109	MS21905D4	• TEE	1	35	
-110		• TUBE ASSY, VARIABLE AIR RAMP DRIVE UNIT SEE FIG. 2.9-19 INDEX 3	RF		
-111	8-80429-613	• TUBE ASSY, MLG BRAKE SUPPLY	1	35	
-112	MS21905D4	• TEE	1	35	
-113	8-80429-611	• TUBE ASSY, RELIEF VALVE	1	35	
-114	MC1624-3450	• VALVE ASSY, RELIEF <76050> SPEC 8-08336-7 T.O. 9P5-2-38-3	1	35	
-115	8-80429-615	• TUBE ASSY, MLG BRAKE SUPPLY	1	35	
-116	MS21902D4	• UNION	1	35	
-117	8-80429-617	• TUBE ASSY, MLG BRAKE SUPPLY	1	35	
-118	MS21916D8-4	• REDUCER	1	35	
	AN6290-8	• GASKET	1	35	
-119		• FLASK, AIR STORAGE VARIABLE AIR RAMP SEE FIG. 2.11-1 INDEX 38	RF		
		B AIRPLANES #35 THRU 47 AND 49 THRU 89			
		C AIRPLANES #48, 90 AND ON			

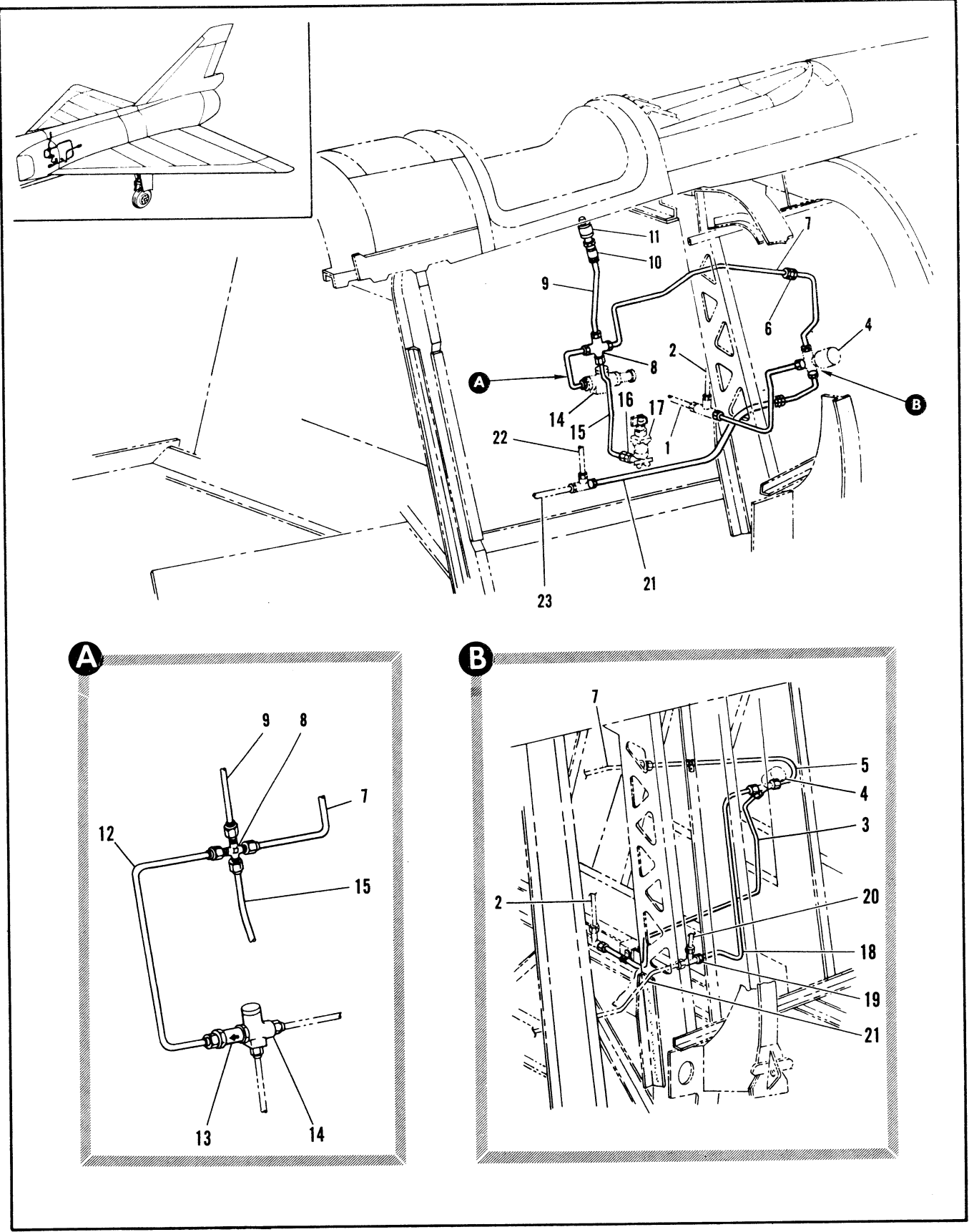


Figure 2.9-19. High Pressure Pneumatic Variable Air Ramp Drive Unit Tubing Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.9-19	8-80429	VARIABLE AIR RAMP DRIVE UNIT TUBING INSTL. HIGH PRESSURE PNEUMATIC VARIABLE AIR RAMP DRIVE UNIT MODIFIED BY 66J40297	1		
- 1		• TUBE ASSY, SEE FIG. 2.9-17 INDEX 111	RF		
- 2		• TUBE ASSY, SEE FIG. 2.9-17 INDEX 108	RF		
- 3	66A39635-1	• TUBE ASSY, VARIABLE AIR RAMP DRIVE UNIT	1		
- 4		• VALVE ASSY, VARIABLE AIR RAMP SELECTOR SOLENOID OPERATED SEE FIG. 2.11-1 INDEX 18	RF		
- 5	66A39633-1	• TUBE ASSY, VARIABLE AIR RAMP DRIVE UNIT	1		
- 6	MS21902D4	• UNION	1	35	
- 7	8-80429-1177	• TUBE ASSY, VARIABLE AIR RAMP DRIVE UNIT	1	35	
- 8	MS21906D4	• CROSS	1	35	
- 9	8-80429-533	• TUBE ASSY, PRESSURE SWITCH	1	35	
- 10	9R7442-1	• RESTRICTOR ASSY, FIXED <91207> SPEC 8-80429-	1	35	
- 11	95400-3	• SWITCH ASSY, PRESSURE <81873> SPEC 8-80404-3 T.O. 8S2-3-49-13	1	35	
- 12	8-82407-7	• TUBE ASSY, VARIABLE AIR RAMP DRIVE UNIT	1		
- 13	8R7448-3	• RESTRICTOR	1		
	AN6290-4	• GASKET	1		
- 14		• VALVE ASSY, SHUTTLE STA 301 SEE FIG. 2.11-8 INDEX 14	RF	RF	
- 15	8-80429-1003	• TUBE ASSY, VARIABLE AIR RAMP DRIVE UNIT	1	35	
- 16	MS21916D4-2	• REDUCER	1	35	
	AN6290-4	• GASKET	1	35	
- 17		• DRIVE UNIT, VARIABLE AIR RAMP INTAKE DUCT SEE FIG. 2.11-1 INDEX 3	RF		
- 18	66A39634-1	• TUBE ASSY, VARIABLE AIR RAMP VENT	1		
- 19	MS21905D4	• TEE	1		
- 20		• TUBE ASSY,	RF		
- 21	8-80429-509	• TUBE ASSY, VARIABLE AIR RAMP VENT	1	35	
- 22		• TUBE ASSY, SEE FIG. 2.8-17 INDEX 26	RF		
- 23		• TUBE ASSY, SEE FIG. 2.8-17 INDEX 30	RF		

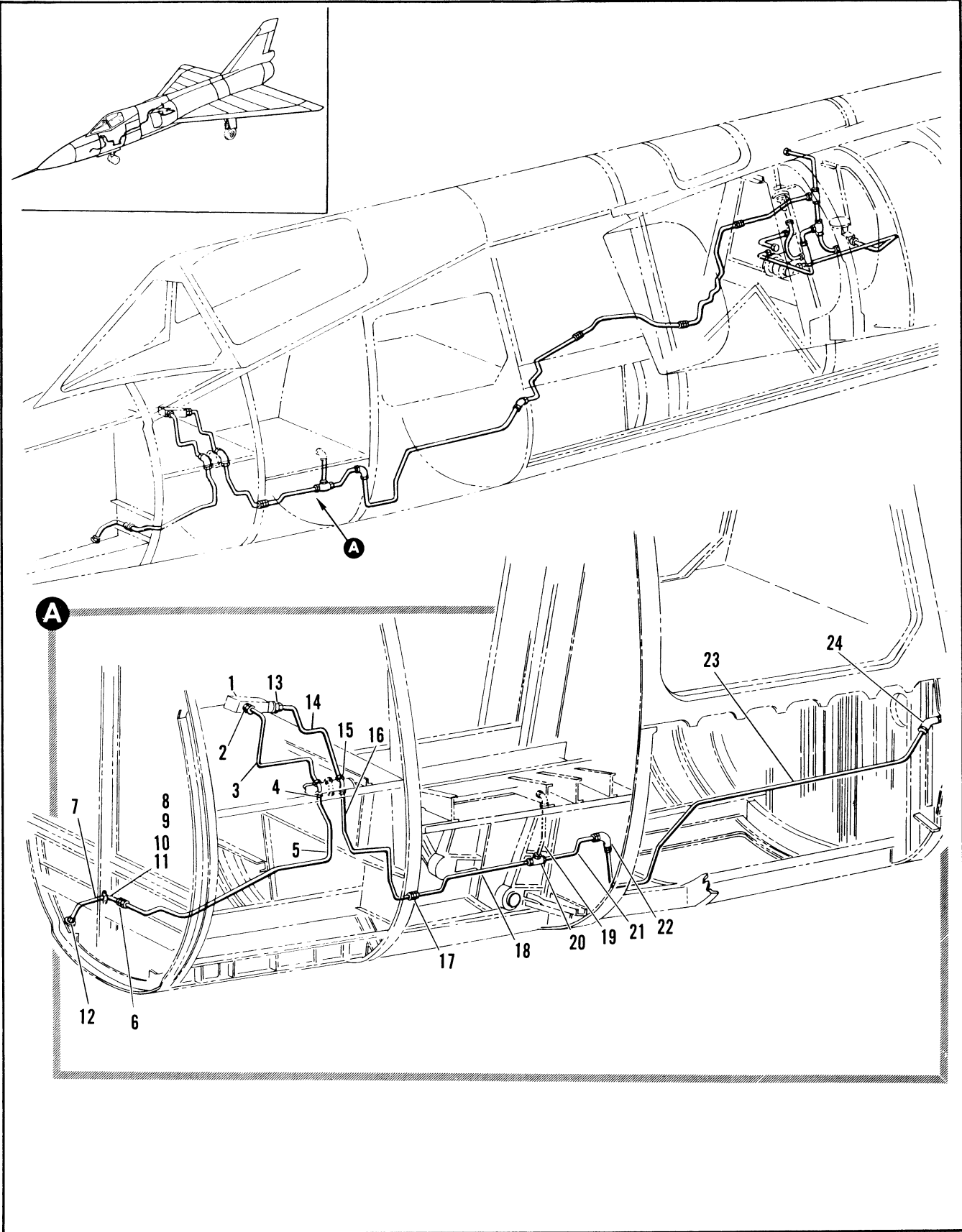


Figure 2.9-20. High Pressure Pneumatic Emergency Landing Gear Selector Valve Main Line and Vent Tubing Installation (Sheet 1 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.9-20	8-80430	TUBING INSTL, HIGH PRESSURE PNEUMATIC EMERGENCY LANDING GEAR SELECTOR VALVE MAIN LINE AND VENT MODIFIED BY 66J40297	1	35	
	8-80429	TUBING INSTL, HIGH PRESSURE PNEUMATIC EMERGENCY LANDING GEAR SELECTOR VALVE MAIN LINE AND VENT MODIFIED BY 66J40297	1	35	
- 1		• VALVE ASSY, SEE FIG. 2.15-7 INDEX 15	RF		
- 2	MS21902D4	• UNION	1	35	
	AN6290-4	• GASKET	1	35	
- 3	8-80430-343	• TUBE ASSY, VENT	1	A	
	8-80430-365	• TUBE ASSY, VENT	1	B	
	8-80430-403	• TUBE ASSY, VENT	1	160	
- 4	MS21903D4	• UNION	1	35	
	AN924-4D	• NUT	1	35	
	AN960D716	• WASHER	1	35	
- 5	8-80430-335	• TUBE ASSY, VENT	1	A	
	8-80430-363	• TUBE ASSY, VENT	1	C	
- 6	ER81600406	• UNION, <92003> 90-04929-005	1	35	
- 7	7140212-10	• TUBE ASSY, INFRARED SEEKER	1	35	
- 8	MS219190G4	• CLAMP	1	35	
- 9	NAS43DD3-26	• SPACER	1	35	
- 10	MS35207-029	• SCREW	1	35	
- 11	MS21042L3	• NUT	1	35	
- 12		• VENT, PORT, SEE FIG. 2.3-8 INDEX 2	RF		
- 13	155140-2	• VALVE ASSY, MAIN LINE CHECK <91864> SPEC 8-80430-3 T.O. 9P5-12-35-3	1	35	
- 14	8-80430-277	• TUBE ASSY, MAIN LINE	1	A	
	8-80430-353	• TUBE ASSY, MAIN LINE	1	B	
	8-80430-399	• TUBE ASSY, MAIN LINE	1	160	
- 15	MS21907D4	• ELBOW	1	35	
	AN924-4D	• NUT	1	35	
	AN960D716	• WASHER	1	35	
- 16	8-80430-297	• TUBE ASSY, MAIN LINE	1	35	
- 17	MS21903D4	• UNION	1	35	
	AN924-4D	• NUT	1	35	
	AN960D716	• WASHER	1	35	
- 18	8-80430-153	• TUBE ASSY, MAIN LINE	1	35	
- 19		• TUBE ASSY, SEE FIG. 2.9-21 INDEX 5	RF		
- 20	MS21905D4	• TEE	1	35	
- 21	8-80430-23	• TUBE ASSY, MAIN LINE PRESSURE REGULATOR	1	35	
- 22	MS21907D4	• ELBOW	1	35	
	AN924-4D	• NUT	1	35	
	AN960D716	• WASHER	1	35	
- 23	8-80430-325	• TUBE ASSY, MAIN LINE	1	35	
- 24	MS21907D4	• ELBOW	1	35	
	AN924-4D	• NUT	1	35	
	AN960D716	• WASHER	1	35	
		A AIRPLANES #35 THRU 47 AND 49 THRU 89 B AIRPLANES #48 AND 90 THRU 159 C AIRPLANES #48, 90 AND ON			

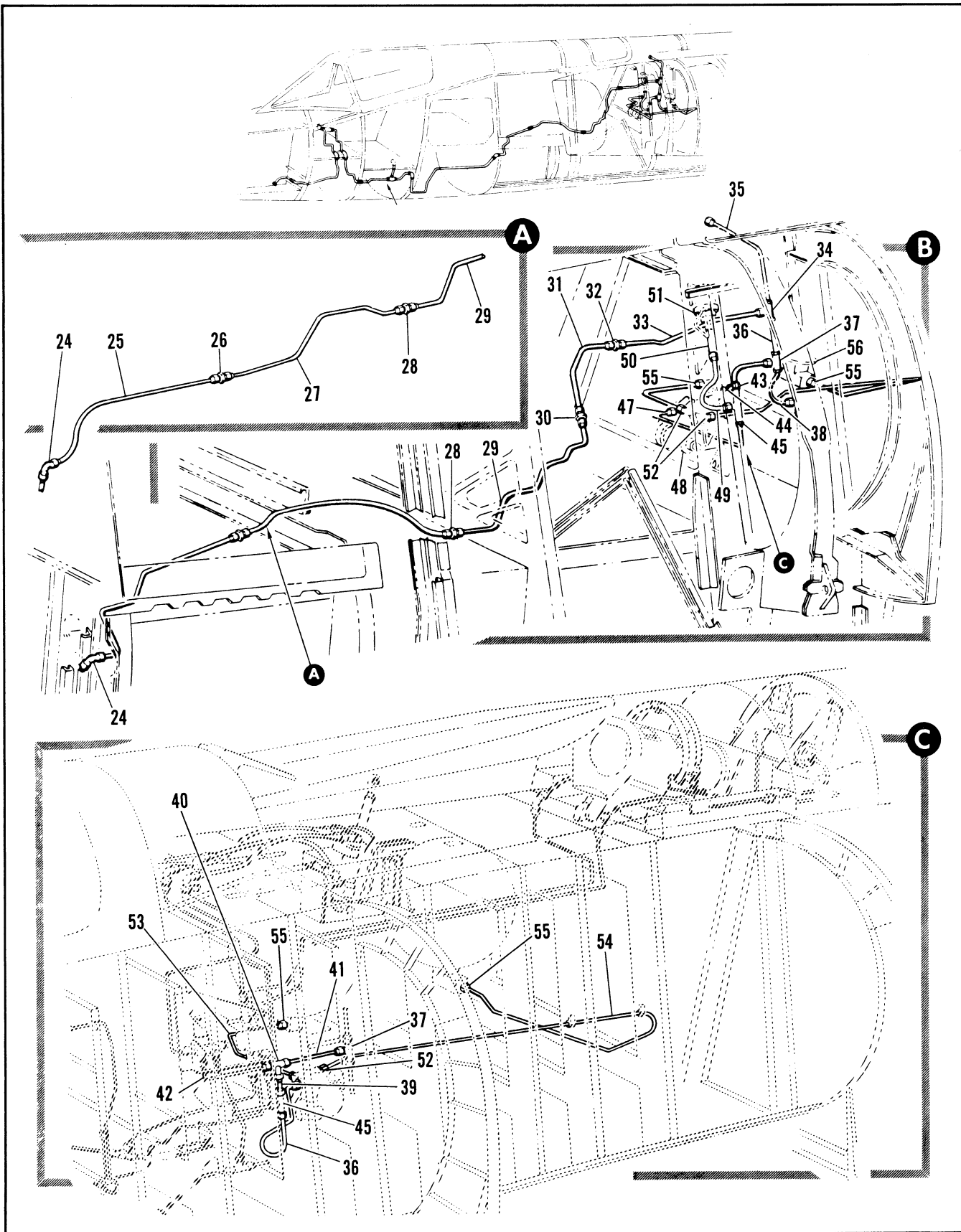


Figure 2.9-20. High Pressure Pneumatic Emergency Landing Gear Selector Valve Main Line and Vent Tubing Installation (Sheet 2 of 2)



FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.9-20- 25	64A34206-1	• TUBE ASSY, HIGH PRESSURE PNEUMATIC	1		
- 26	MS21902D4	• UNION	1	35	
- 27	64A34205-1	• TUBE ASSY, HIGH PRESSURE PNEUMATIC	1		
- 28	MS21902D4	• UNION	1	35	
- 29	8-80429-1089	• TUBE ASSY, MAIN LINE	1	35	
- 30	MS21902D4	• UNION	1	35	
- 31	8-80429-1091	• TUBE ASSY, MAIN LINE	1	35	
- 32	MS21902D4	• UNION	1	35	
- 33	66A39646-1	• TUBE ASSY, MAIN LINE	1		
- 34	MS21905D4	• TEE	1	35	
- 35		• TUBE ASSY, DRAG CHUTE SEE FIG. 2.9-24 INDEX 4	RF		
- 36	8-80429-339	• TUBE ASSY, MAIN LINE	1	35	
- 37	MS21905D4	• TEE	1	35	
- 38		• TUBE ASSY, BLEED SEE FIG. 2.9-22 INDEX 3	RF		
- 39	66A39637-1	• TUBE ASSY, MAIN LINE	1		
- 40	MS21905D4	• TEE	1		
- 41	66A39631-1	• TUBE ASSY	1		
- 42		• TUBE	RF		
- 43	155140-2	• VALVE ASSY, CHECK (91864) SPEC 8-00430-3 T.O. 9P5-12-35-3	1	35	
- 44	NAS430D3-24	• SPACER	1	35	
- 45	MS21911D4	• TEE	1	35	
	AN6290-4	• GASKET	1	35	
- 46	66A39636-1	• TUBE ASSY, MAIN LINE	1		
- 47	MS21902D4	• UNION	1	35	
	AN6290-4	• GASKET	1	35	
- 48		• REGULATOR ASSY, PNEUMATIC PRESSURE SEE FIG. 2.9-1 INDEX 40	RF		
- 49	8-80429-361	• TUBE ASSY, PRESSURE SWITCH	1	35	
- 50	9R7442-1	• RESTRICTOR, FIXED <91207> SPEC 8-00429-1	1	35	
- 51	95400-1	• SWITCH ASSY, PRESSURE <R1873> SPEC 8-00404-1 T.O. 9S2-3-49-13	1	35	
- 52	80C627	• SWITCH ASSY, PRESSURE ALT PART	1		
	MS21902D10	• UNION	2	35	
	AN6290-10	• GASKET	2	35	
- 53	66A39641-1	• TUBE ASSY, AIR FLASK	1		
- 54	66A39642-1	• TUBE ASSY, AIR FLASK	1		
- 55	MS21916D12-10	• REDUCER	2	35	
	AN6290-12	• GASKET	2	35	
- 56		• FLASK, SEE FIG. 2.9-3 INDEX 11	RF		

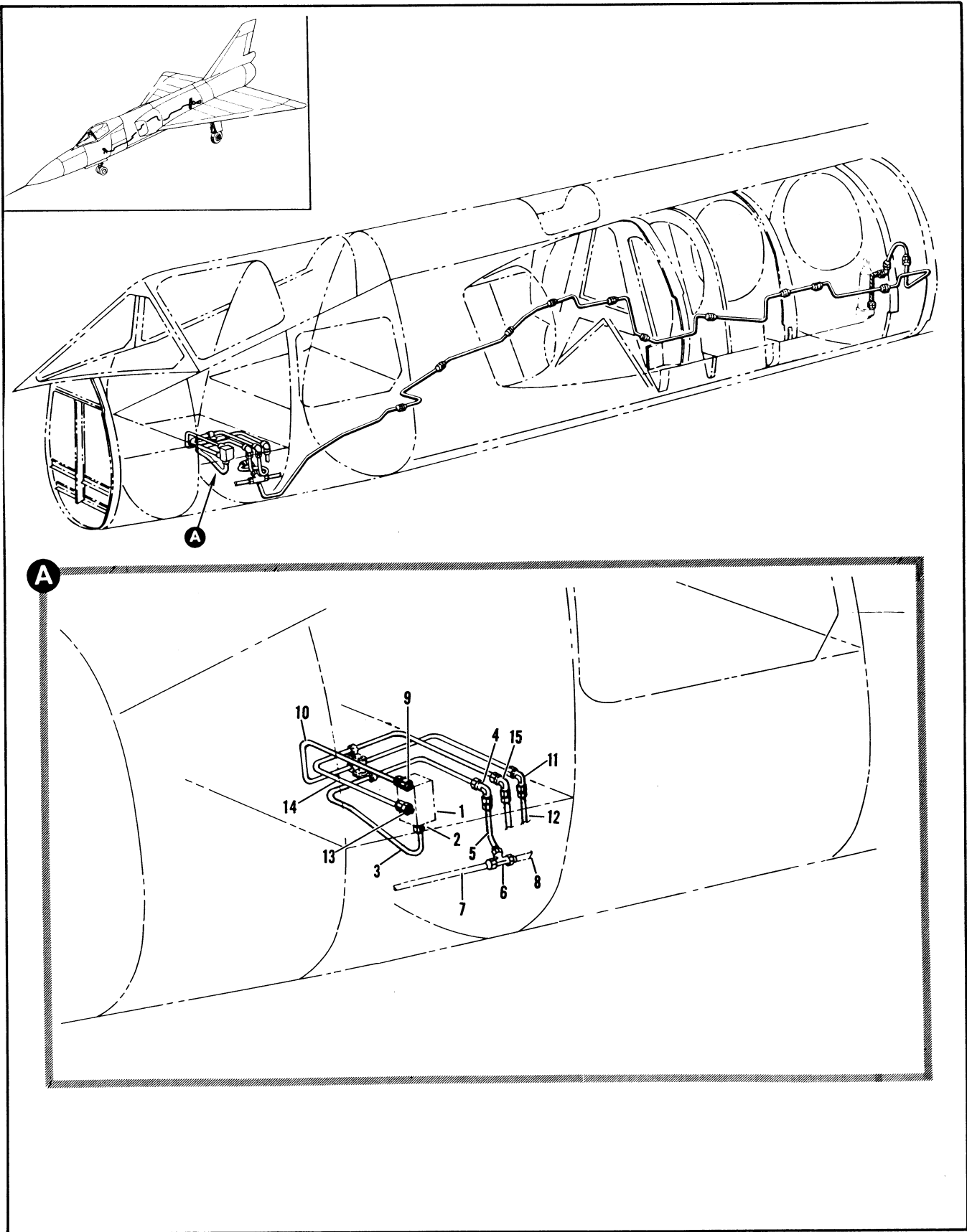


Figure 2.9-21. High Pressure Pneumatic Ram Air Tubing Installation (Sheet 1 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.9-21	8-80430	TUBING INSTALLATION, HIGH PRESSURE PNEUMATIC RAM AIR	1	35	
	8-80429	TUBING INSTALLATION, HIGH PRESSURE PNEUMATIC RAM AIR	1	35	
- 1		• VALVE ASSY, EMERGENCY HYDRAULIC POWER SEE FIG. 2.9-1 INDEX 11	RF		
- 2	MS21902D4	• UNION	1	35	
	AN6290-4	• GASKET	1	35	
- 3	8-80430-281	• TUBE ASSY, MAIN LINE	1	35	
- 4	MS21908D4	• ELBOW	1	35	
	AN924-4D	• NUT	1	35	
	AN960D716	• WASHER	1	35	
- 5	8-80430-25	• TUBE ASSY, MAIN LINE	1	35	
- 6	MS21905D4	• TEE	1	35	
- 7		• TUBE ASSY, MAIN LINE SEE FIG. 2.9-20 INDEX 18	RF		
- 8		• TUBE ASSY, MAIN LINE PRESSURE REGULATOR SEE FIG. 2.9-20 INDEX 21	RF		
- 9	MS21902D4	• UNION	1	35	
	AN6290-4	• GASKET	1	35	
- 10	8-80430-283	• TUBE ASSY, VENT	1	35	
- 11	MS21908D4	• ELBOW	1	35	
	AN924-4D	• NUT	1	35	
	AN960D716	• WASHER	1	35	
- 12	8-80430-43	• TUBE ASSY, VENT	1	35	
- 13	MS21906D4-3	• REDUCER	1	35	
	AN6290-4	• GASKET	1	35	
- 14	8-80430-269	• TUBE ASSY, ACTUATOR	1	35	
- 15	MS21908D3	• ELBOW	1	35	
	AN924-3D	• NUT	1	35	
	AN960D616	• WASHER	1	35	

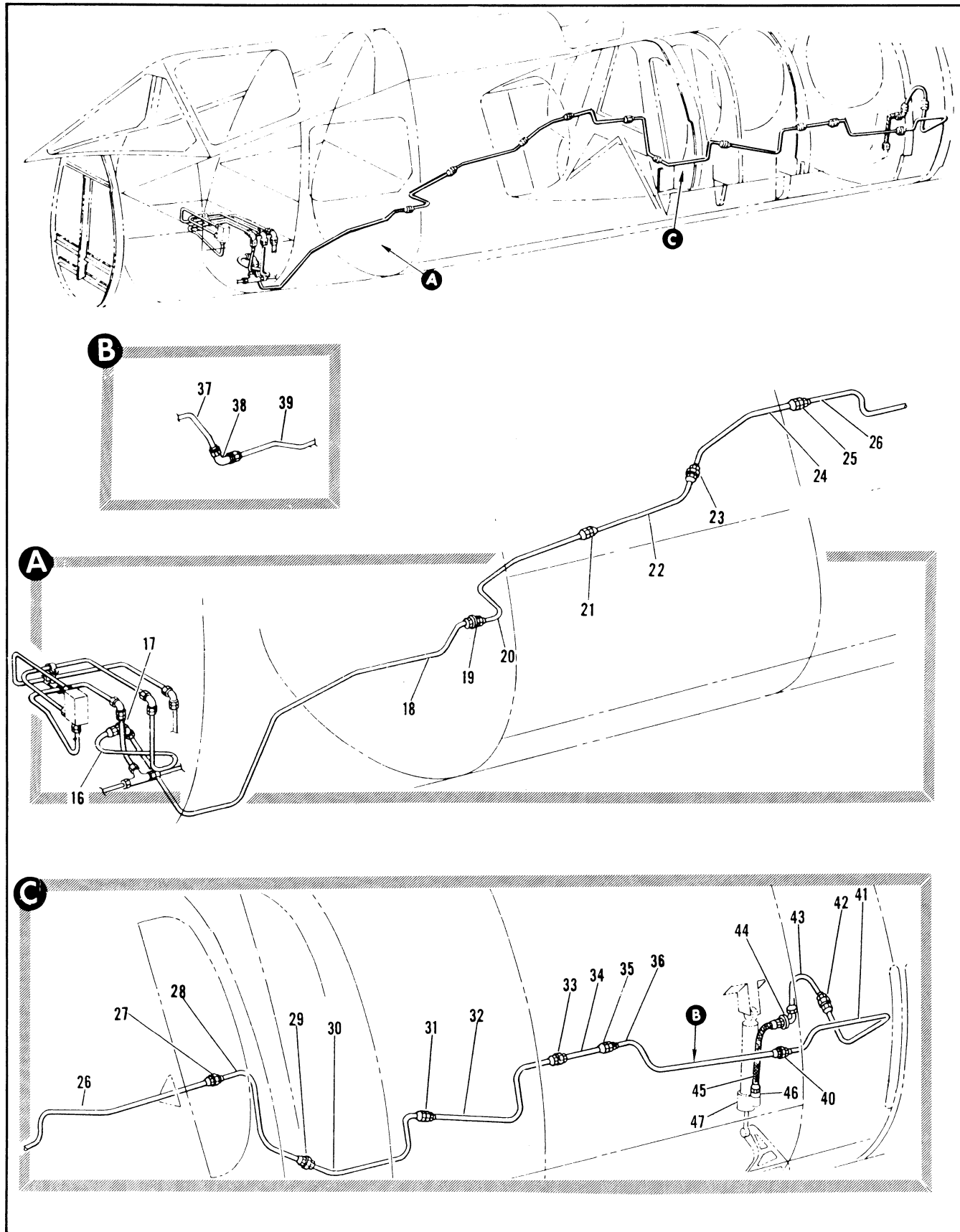


Figure 2.9-21. High Pressure Pneumatic Ram Air Tubing Installation (Sheet 2 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.9-21- 16	8-80430-47	• TUBE ASSY, ACTUATOR	1	35	
- 17	MS21907D3	• ELBOW	1	35	
	AN924-3D	• NUT	1	35	
	AN960D616	• WASHER	1	35	
- 18	8-80430-317	• TUBE ASSY, ACTUATOR	1	35	
- 19	MS21903D3	• UNION	1	35	
	AN960D616	• WASHER	1	35	
- 20	8-80429-21	• TUBE ASSY, ACTUATOR	1	35	
- 21	MS21902D3	• UNION	1	35	
- 22	8-80429-23	• TUBE ASSY, ACTUATOR	1	35	
- 23	MS21902D3	• UNION	1	35	
- 24	8-80429-1079	• TUBE ASSY, ACTUATOR	1	35	
- 25	MS21902D3	• UNION	1	35	
- 26	8-80429-373	• TUBE ASSY, ACTUATOR	1	35	
- 27	MS21902D3	• UNION	1	35	
- 28	8-80429-371	• TUBE ASSY, ACTUATOR	1	35	
- 29	MS21902D3	• UNION	1	35	
- 30	8-80429-43	• TUBE ASSY, ACTUATOR	1	35	
- 31	MS21902D3	• UNION	1	35	
- 32	8-80429-45	• TUBE ASSY ACTUATOR	1	35	
- 33	MS21902D3	• UNION	1	35	
- 34	8-80429-47	• TUBE ASSY, ACTUATOR	1	35	
- 35	MS21902D3	• UNION	1	35	
- 36	8-80429-49	• TUBE ASSY, ACTUATOR	1	A	
- 37	8-80429-1301	• TUBE ASSY, ACTUATOR	1	B	
- 38	MS21907D3	• ELBOW	1	B	
	AN924-10D	• NUT	1	B	
	AN960D616	• WASHER	1	B	
- 39	8-80429-1303	• TUBE ASSY, ACTUATOR	1	B	
- 40	MS21902D3	• UNION	1	35	
- 41	8-80429-15	• TUBE ASSY, ACTUATOR	1	35	
- 42	MS21916D4-3	• REDUCER	1	35	
- 43	8-80429-17	• TUBE ASSY, ACTUATOR	1	35	
- 44	MS21908D4	• ELBOW	1	35	
	AN924-4D	• NUT	1	35	
	AN960D716	• WASHER	1	35	
- 45	CR295870-CC4-0156	• HOSE ASSY, (50599) SPEC 8-00358-156			
- 46	8R7448-3	• RESTRICTOR, PNEUMATIC <91207> SPEC 8-00428-3 T.O.9P5-13-3-13	1	35	
- 47		• ACTUATOR ASSY, SEE FIG. 2.8-6 INDEX 2	RF		
		A AIRPLANES #35 THRU 47 AND 49 THRU 89			
		B AIRPLANES #48, 90 AND ON			

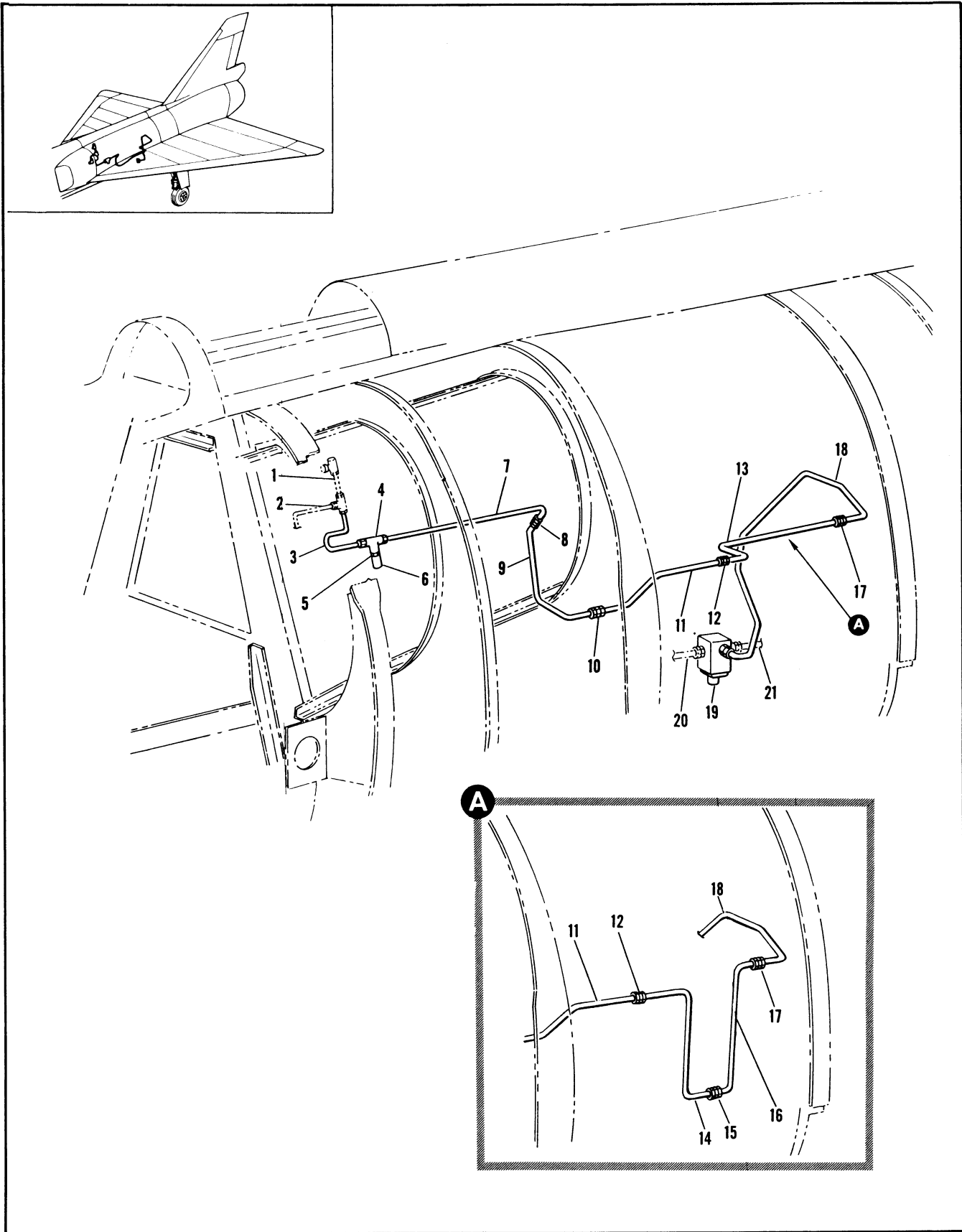


Figure 2.9-22. High Pressure Pneumatic Bleed Tubing Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.9-22	8-80429	TUBING INSTALLATION, HIGH PRESSURE PNEUMATIC BLEED	1	35	
- 1		• TUBE ASSY, MAIN LINE SEE FIG. 2.9-20 INDEX 36	RF		
- 2		• TUBE ASSY, MAIN LINE SEE FIG. 2.9-20 INDEX 38	RF		
- 3	8-80429-381	• TUBE ASSY, BLEED	1	35	
- 4	MS21910D4	• TEE	1	35	
	AN924-4D	• NUT	1	35	
	AN960D716	• WASHER	1	35	
- 5	MS21902D4	• UNION	1	35	
	AN6290-4	• GASKET	2	35	
- 6	MC1624-3450	• VALVE ASSY, RELIEF <76050> SPEC 8-08336-7 T.O. 9P5-2-38-3	1	35	
- 7	8-80429-383	• TUBE ASSY, BLEED	1	35	
- 8	MS21902D4	• UNION	1	35	
- 9	8-80429-87	• TUBE ASSY, BLEED	1	35	
- 10	MS21902D4	• UNION	1	35	
- 11	8-80429-85	• TUBE ASSY, BLEED	1	35	
- 12	MS21902D4	• UNION	1	35	
- 13	8-80429-83	• TUBE ASSY, BLEED	1	A	
- 14	8-80429-1293	• TUBE ASSY, BLEED	1	B	
- 15	MS21903D4	• UNION	1	B	
	AN924-4D	• NUT	1	B	
	AN960D716	• WASHER	1	B	
- 16	8-80429-1295	• TUBE ASSY, BLEED	1	B	
- 17	MS21902D4	• UNION	1	35	
- 18	8-80429-317	• TUBE ASSY, BLEED	1	35	
- 19	301552	• VALVE ASSY, BLEED CONTROL <05214> SPEC 8-00458-1 T.O. 9H5-5-84-3	1	35	
	AN924-4D	• NUT	1	35	
	AN960D716L	• WASHER	1	35	
- 20		• TUBE ASSY, FWD DRAG BRACE LH SEE FIG. 2.9-18 INDEX 3	RF		
- 21		• TUBE ASSY, FWD DRAG BRACE RH SEE FIG. 2.9-17 INDEX 40	RF		
		A AIRPLANES 35 THRU 47 AND 49 THRU 89			
		B AIRPLANES #48, 90 AND ON			

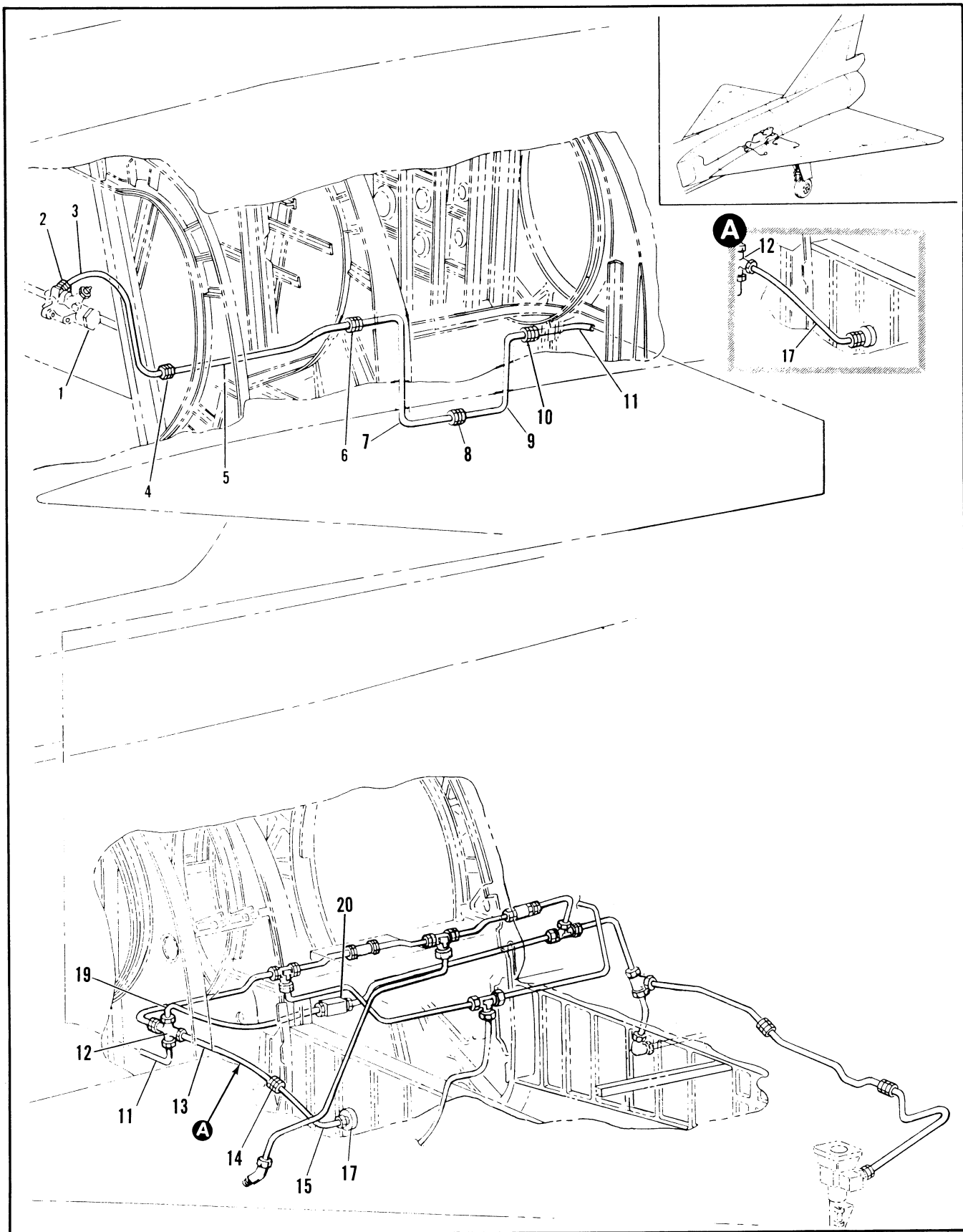


Figure 2.9-23. High Pressure Pneumatic Filler and Pressure Gauge Tubing Installation (Sheet 1 of 2)



FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.9-23	8-80429	TUBING INSTL, HIGH PRESSURE PNEUMATIC FILLER AND PRESSURE GAUGE MODIFIED BY 8-80504	1	35	
	8-80429	TUBING INSTL, HIGH PRESSURE PNEUMATIC FILLER AND PRESSURE GAUGE MODIFIED BY 66J40297-2	1		
- 1		• REGULATOR ASSY, PNEUMATIC PRESSURE SEE FIG. 2.9-1 INDEX 40	RF		
- 2	MS21902D10	• UNION	1	35	
	AN6290-10	• GASKET	1	35	
- 3	66A39643-1	• TUBE ASSY	1	35	
- 4	MS21902D10	• UNION	1	35	
- 5	8-80429-1105	• TUBE ASSY, FILLER	1	35	
- 6	MS21902D10	• UNION	1	35	
- 7	8-80429-1285	• TUBE ASSY, FILLER	1	B	
	8-71284-53	• TUBE ASSY, FILLER	1		
- 8	MS21903D10	• UNION	1	B	
	MS21902-10	• UNION	1		
	AN924-10D	• NUT	1	9	
	AN960D1416	• WASHER	1	B	
- 9	8-80429-1287	• TUBE ASSY, FILLER	1	B	
	8-71284-55	• TUBE ASSY, FILLER	1		
- 10	MS21902D10	• UNION	1	35	
- 11	8-80429-19	• TUBE ASSY, FILLER	1	35	
- 12	4126-565774	• CROSS, <92003> 92-79005-001	1	35	
	AN924-10D	• NUT	1	35	
	AN960D1416	• WASHER	1	35	
- 13	8-80429-127	• TUBE ASSY, PRESSURE GAUGE	1	35	89
- 14	MS21902D4	• UNION	1	35	89
- 15	65A33198-1	• TUBE ASSY, PNEUMATIC	1	B	
- 16	8-80429-1347	• TUBE ASSY, PRESSURE GAUGE	1	90	
- 17	AW1026AE01	• GAUGE, PRESSURE <61349> AERN061-2341 TYPE MS24478-2	1	35	
- 18	MS21903D4	• UNION	1	90	
	AN924-4D	• NUT	1	90	
	AN690-4	• GASKET	1	90	
- 19	8-80429-609	• TUBE ASSY, FILLER	1	35	60
	8-80429-1349	• TUBE ASSY, FILLER	1	61	
- 20		• VALVE ASSY, MANUAL SHUTOFF SEE FIG. 2.10-1 INDEX 6	RF		

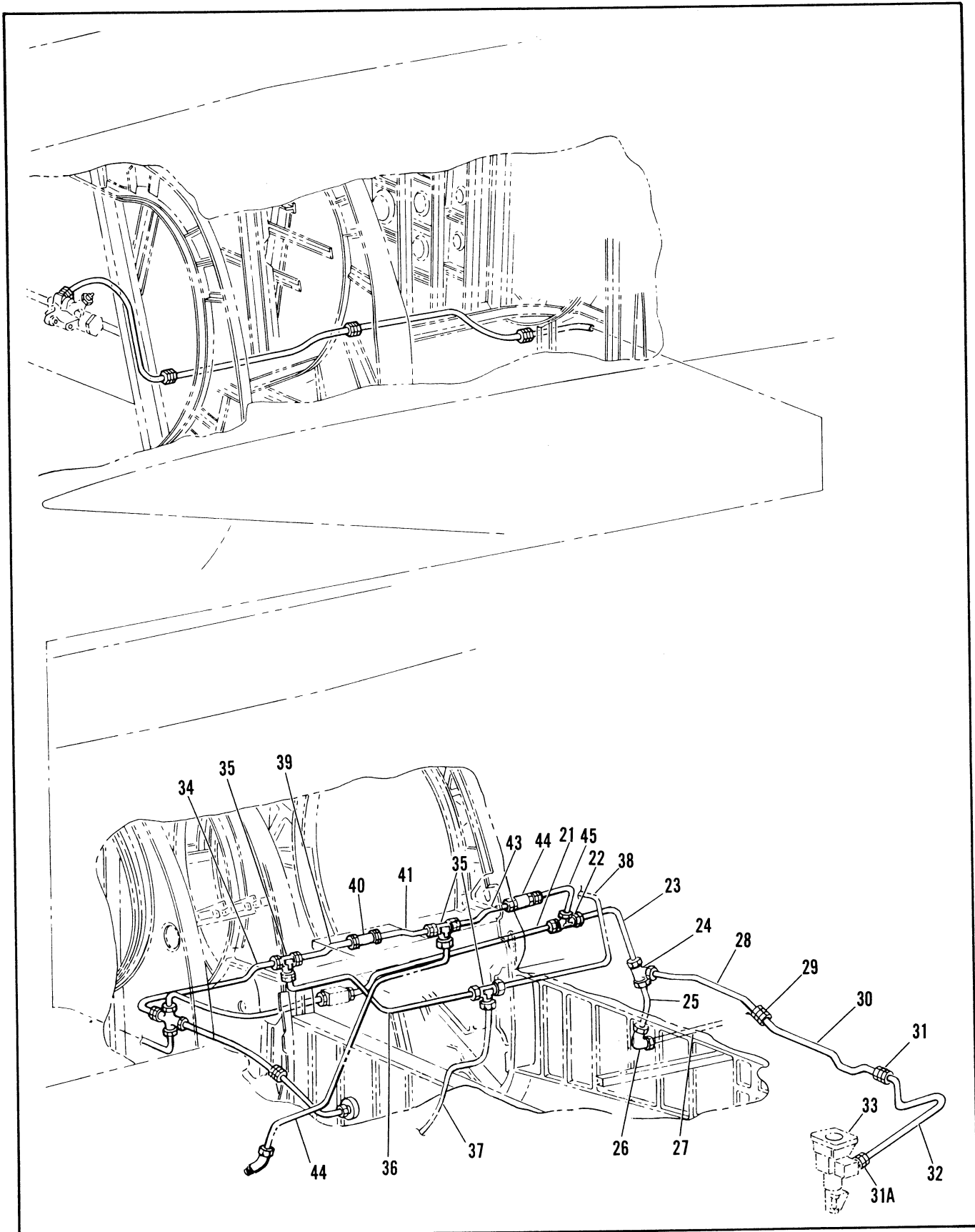


Figure 2.9-23. High Pressure Pneumatic Filler and Pressure Gauge Tubing Installation (Sheet 2 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.9-23- 21	8-80429-111	. TUBE ASSY, FILLER	1	35	
- 22	ER824D101004	. TEE, <92003> 98-90319-001	1	35	
- 23	8-80429-625	. TUBE ASSY, FILLER	1	35	60
	8-80429-1273	. TUBE ASSY, FILLER	1	61	
- 24	MS21905D10	. TEE	1	35	
- 25	8-80429-619	. TUBE ASSY, FILLER	1	35	
- 26	MS21907D10	. ELBOW	1	35	
	AN924-10C	. NUT	1	35	
	AN960D1416	. WASHER	1	35	
- 27		. TUBE ASSY, STARTER SEE FIG. 2.9-15 INDEX 6	RF		
- 28	8-80429-147	. TUBE ASSY, FILLER	1	35	
- 29	MS21902D10	. UNION	1	35	
- 30	8-80429-1035	. TUBE ASSY, FILLER	1	35	
- 31	MS31902D10	. UNION	1	35	
- 31A	MS21916D10-8	. REDUCER	1		
- 32	8-80429-143	. TUBE ASSY, FILLER	1	35	
- 33		. CONNECTOR, HIGH PRESSURE PNEUMATIC GROUND FILLER SEE FIG. 2.9-1	RF		
- 34	8-80429-763	. TUBE ASSY, FILLER	1	35	
- 35	MS21905D4	. TEE	3	35	
- 36	8-80429-769	. TUBE ASSY, FILLER	1	35	
- 37		. TUBE ASSY, DRAG BRACE RH SEE FIG. 2.9-18 INDEX 83	RF		
- 38		. TUBE ASSY, DRAG BRACE LH SEE FIG. 2.9-18 INDEX 42	RF		
- 39	8-80429-775	. TUBE ASSY, FILTER	1	35	
- 40	155140-2	. VALVE ASSY, CHECK <91864> SPEC 8-00430-3 T.O. 9P5-12-35-3	1	35	
- 41	8-80429-767	. TUBE ASSY, FILTER	1	35	
- 42		. TUBE ASSY, SUPPLY SEE FIG. 2.9-18 INDEX 87	RF		
- 43	8-80429-771	. TUBE ASSY, FILTER	1	35	
- 44	AC1146-4	. FILTER ASSY, AIRCRAFT (01414) SPEC 8-00298-1 T.O. 9P6-2-7-3 REQUIRES FILTER ELEMENT AC1146-E4, STOCK NUMBER 1650-541-7818, T.O. 9H3-1-1	1	35	
- 45	8-80429-121	. TUBE ASSY, FILTER	1	35	

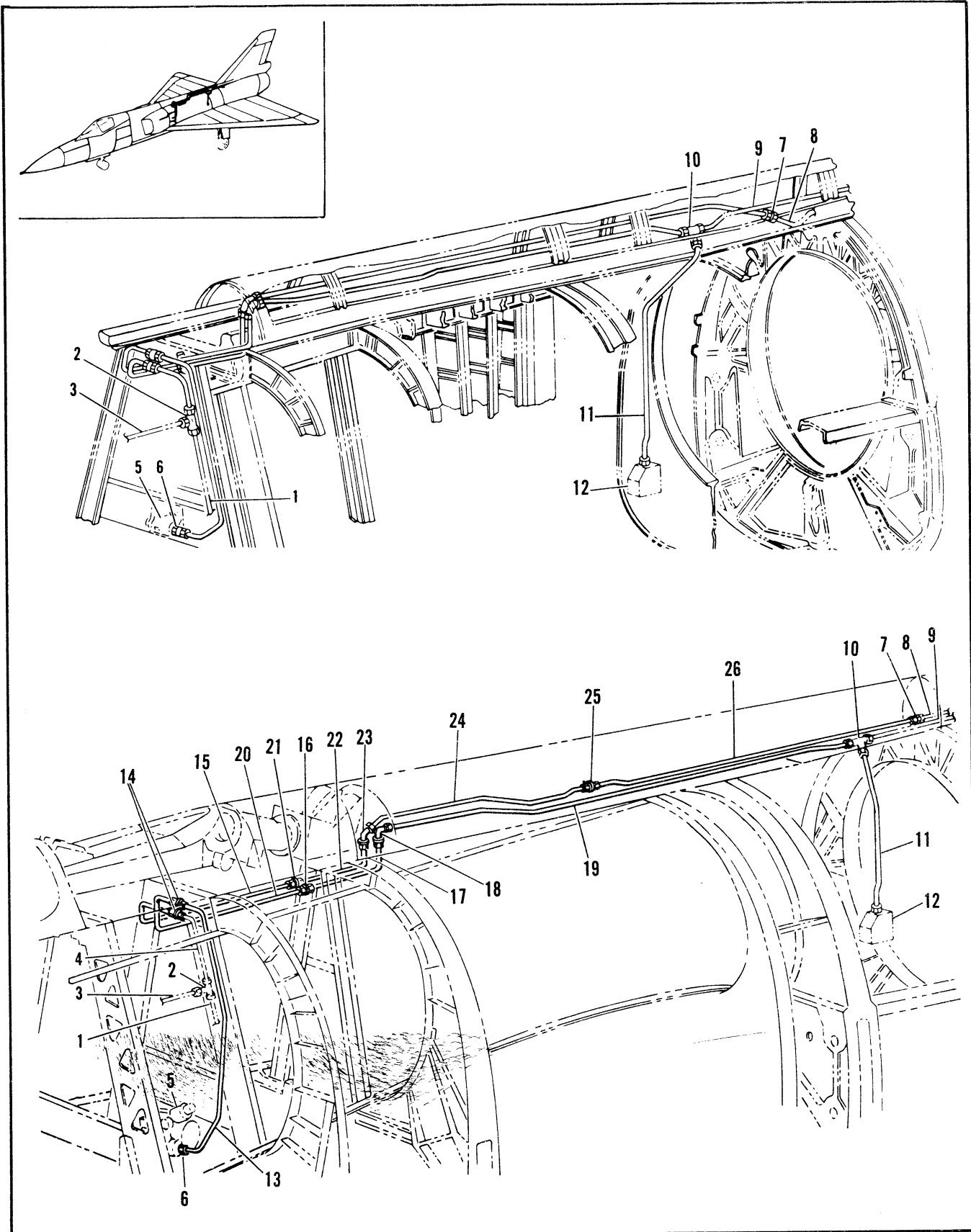


Figure 2.9-24. High Pressure Pneumatic Speed Brake and Drag Chute Tubing Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.9-24	8-80429	TUBING INSTL, HIGH PRESSURE PNEUMATIC SPEED BRAKE AND DRAG CHUTE	1	35	
	8-80429	TUBING INSTL, HIGH PRESSURE PNEUMATIC SPEED BRAKE AND DRAG CHUTE MODIFIED BY 66J40297	1		
- 1		• TUBE ASSY, MAIN LINE SEE FIG. 2.9-20 INDEX 36	RF		
- 2	MS21905D4	• TEE	1	35	
- 3		• TUBE ASSY, MAIN LINE SEE FIG. 2.9-20 INDEX 33	RF		
- 4	8-80429-347	• TUBE ASSY, DRAG CHUTE	1	35	
- 5		• REGULATOR, PNEUMATIC PRESSURE SEE FIG. 2.9-1 INDEX 39	RF		
- 6	MS21916D4-3	• REDUCER	1	35	
	AN6290-4	• GASKET	1	35	
- 7	MS21902D4	• UNION	1	35	
- 8		• TUBE ASSY, DRAG CHUTE SEE FIG. 2.9-25 INDEX 8	RF		
- 9		• TUBE ASSY, VARIABLE AIR SEE FIG. 2.9-24 INDEX 3	RF		
- 10	MS21909D3	• TEE	1	35	
	AN924-3D	• NUT	1	35	
	AN967D616L	• WASHER	1	35	
- 11	8-80429-483	• TUBE ASSY, PRESSURE CONTROL SENSOR	1	35	
- 12		• SENSOR ASSY, ENGINE COMPARTMENT EMERGENCY PRESSURE CONTROL SEE FIG. 2.10-22	RF		
- 13	66A39630-1	• TUBE ASSY, VARIABLE AIR	1	35	
- 14	MS21916D4-3	• REDUCER	2	35	
- 15	66A39660-1	• TUBE ASSY	1	35	
- 16	MS21924D3	• UNION	1		
	AN924-3D	• NUT	1		
- 17	66A39650-1	• TUBE ASSY	1		
- 18	MS21908D3	• ELBOW	1		
	AN924-3D	• NUT	1		
- 19	66A39648-1	• TUBE ASSY	1		
- 20	66A39659-1	• TUBE ASSY	1		
- 21	MS21924D4	• UNION	1		
	AN924-4D	• NUT	1		
- 22	66A39627-1	• TUBE ASSY	1		
- 23	MS21907D4	• ELBOW	1		
	AN924-4D	• NUT	1		
- 24	66A39649-1	• TUBE ASSY	1		
- 25	MS21902D4	• UNION	1		
- 26	66A39647-1	• TUBE ASSY	1		

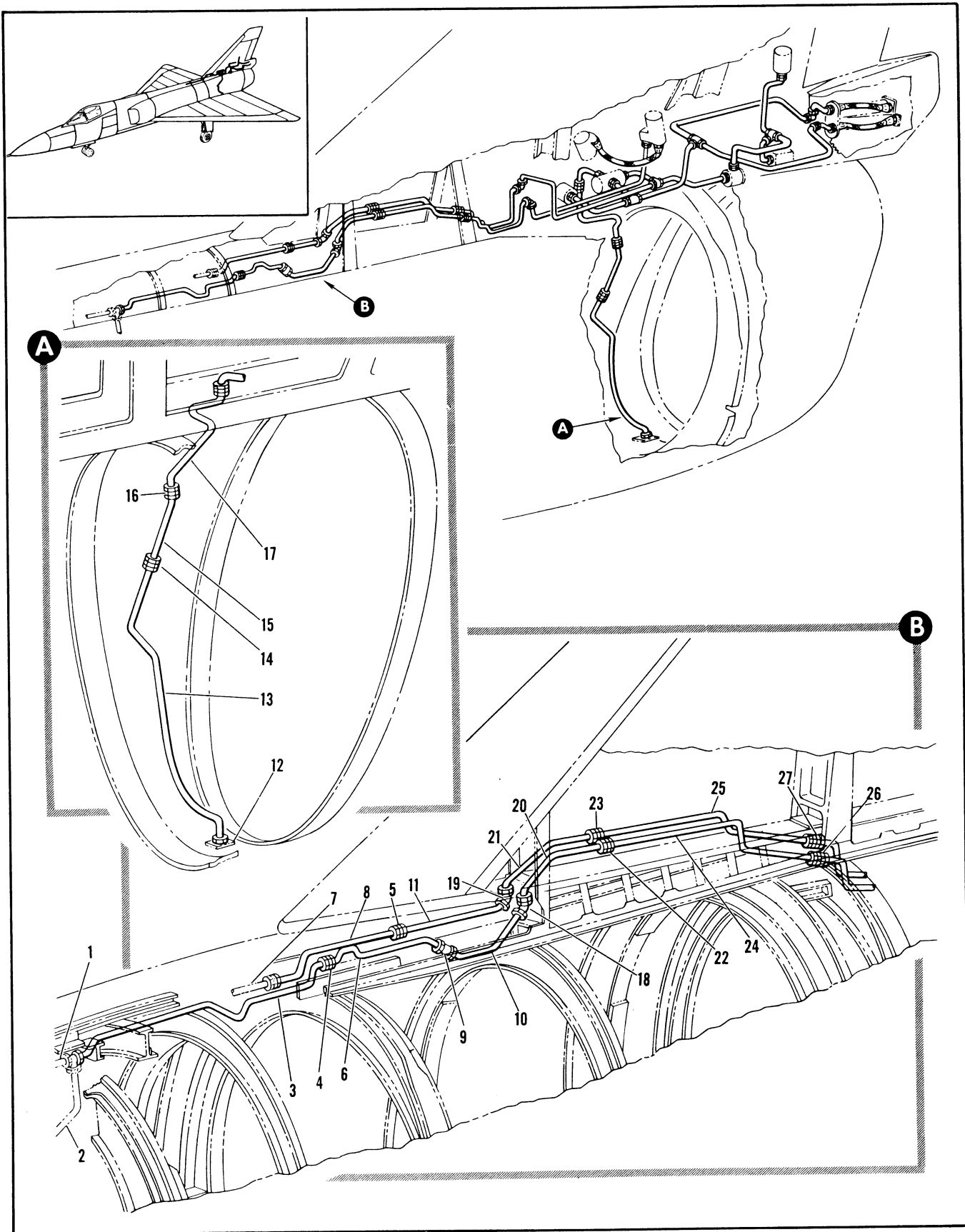


Figure 2.9-25. High Pressure Pneumatic Vertical Stabilizer and Dorsal Tubing (Sheet 1 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.9-25		HIGH PRESSURE PNEUMATIC VERTICAL STABILIZER AND DORSAL TUBING			
	8-80421-5		RF	35	
	8-80421-5	• TUBING INSTL, DORSAL AND VERTICAL STABILIZER HIGH PRESSURE PNEUMATIC MODIFIED BY 8-80503 FOR NHA SEE FIG. 2.3-15	RF	35	
- 1		• • TUBE ASSY, VARIABLE AIR SEE FIG. 2.9-23 INDEX 1K	RF		
- 2		• • TUBE ASSY, PRESSURE CONTROL SENSOR SEE FIG. 2.9-23 INDEX 20	RF		
- 3	8-80421-17	• • TUBE ASSEMBLY	1	35	
- 4	MS21902D3	• • UNION	1	35	
- 5	MS21902D4	• • UNION	1	35	
- 6	8-80421-85	• • TUBE ASSEMBLY	1	35	
- 7		• • TUBE ASSY, DRAG CHUTE SEE FIG. 2.9-24 INDEX 24	RF		
- 8	8-80421-89	• • TUBE ASSEMBLY	1	35	
- 9	155160-2	• • VALVE, CHECK <91864> SPEC 8-00430-9 T.O. 9P5-12-35-3	1	35	
- 10	8-80421-87	• • TUBE ASSEMBLY	1	35	
- 11	8-80421-91	• • TUBE ASSEMBLY	1	35	
- 12		• • FITTING ASSY, ENGINE FUEL DRAIN SEE FIG. 2.3-15 INDEX 18	RF		
- 13	8-80421-79	• • TUBE ASSEMBLY	1	35	
- 14	MS21902D4	• • UNION	1	35	
- 15	8-80421-77	• • TUBE ASSEMBLY	1	35	
- 16	MS21903D4	• • UNION	1	35	
	AN924-4D	• • NUT	1	35	
	AN960D716	• • WASHER	1	35	
- 17	8-80421-75	• • TUBE ASSEMBLY	1	35	
	8-80421	• TUBING INSTL, SPEED BRAKE AND DRAG CHUTE HIGH PRESSURE PNEUMATIC MODIFIED BY 8-80503 FOR NHA SEE FIG. 2.7-6	RF	35	
- 18	MS21907D3	• • ELBOW	1	35	
	AN924-3D	• • NUT	1	35	
	AN960D616	• • WASHER	1	35	
- 19	MS21907D4	• • ELBOW	1	35	
	AN924-4D	• • NUT	1	35	
	AN960D716	• • WASHER	1	35	
- 20	8-80421-21	• • TUBE ASSEMBLY	1	35	
- 21	8-80421-31	• • TUBE ASSEMBLY	1	35	
- 22	MS21902D3	• • UNION	1	35	
- 23	MS21902D4	• • UNION	1	35	
- 24	8-80421-23	• • TUBE ASSEMBLY	1	35	
- 25	8-80421-33	• • TUBE ASSEMBLY	1	35	
- 26	MS21903D3	• • UNION	1	35	
	AN924-3D	• • NUT	1	35	
- 27	MS21903D4	• • UNION	1	35	
	AN924-4D	• • NUT	1	35	

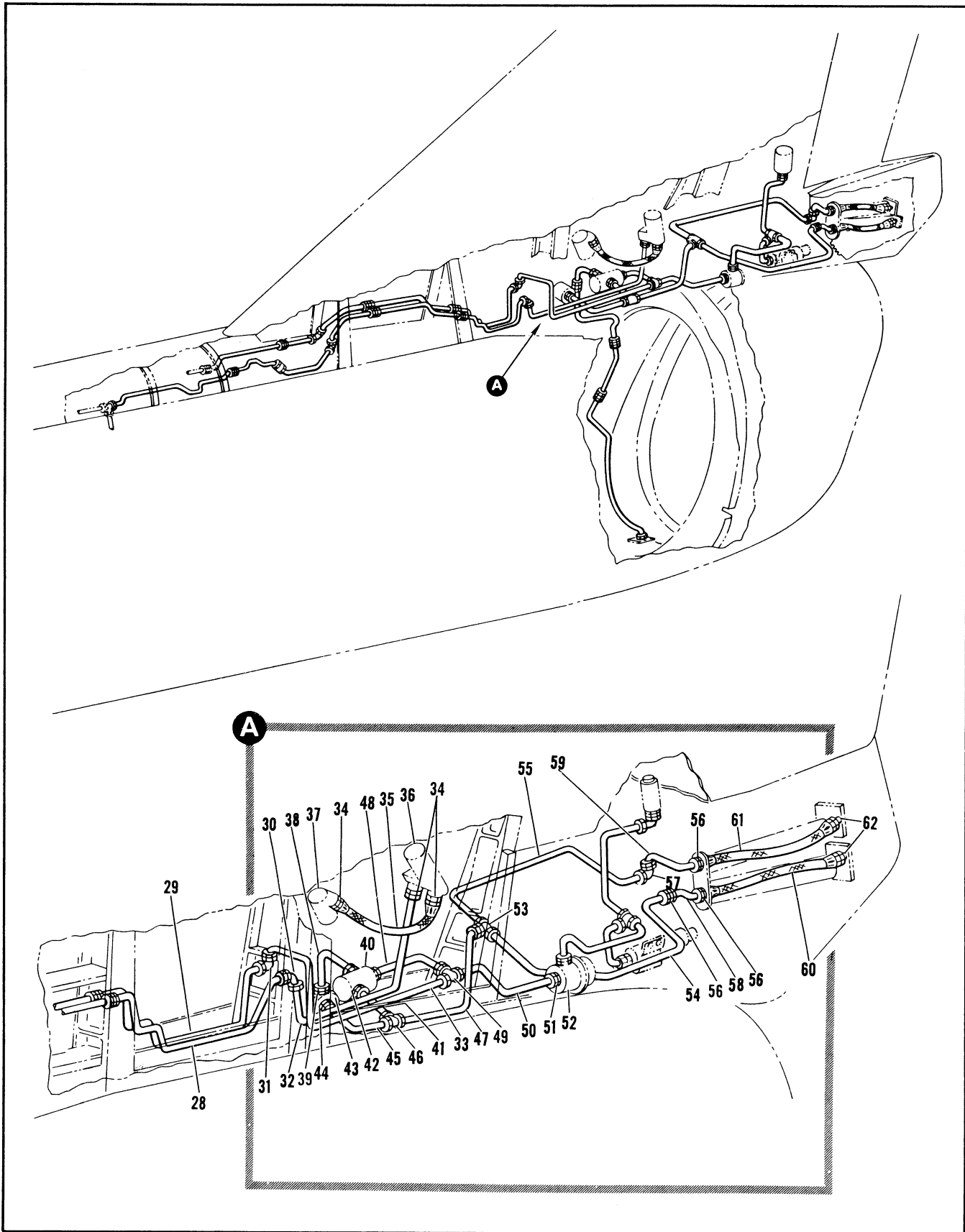


Figure 2.9-25. High Pressure Pneumatic Vertical Stabilizer and Dorsal Tubing (Sheet 2 of 3)



FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.9-25- 28	8-80421-25	• • TUBE ASSEMBLY	1	35	
- 29	8-80421-35	• • TUBE ASSEMBLY	1	35	
- 30	MS21907D3	• • ELBOW	1	35	
	AN924-3D	• • NUT	1	35	
- 31	MS21908D4	• • ELBOW	1	35	
	AN924-4D	• • NUT	1	35	
- 32	8-80421-101	• • TUBE ASSEMBLY	1	35	
- 33	8-80421-105	• • TUBE ASSEMBLY	1	35	
- 34	MS21916D4-3	• • REDUCER	3	35	
	AN6290-4	• • GASKET	2	35	
- 35	124221-4D0150	• • HOSE ASSY, <98441> SPEC 8-08538-39	1	35	
- 36		• • REGULATOR ASSY, VARIABLE AIR PRESSURE SEE FIG. 2.14-1 INDEX 21	RF		
- 37		• • CYLINDER ASSY, RUDDER FEEL SEE FIG. 2.14-41 INDEX 30	RF		
- 38	8-80421-73	• • TUBE ASSEMBLY	1	35	
- 39	MS21903D4	• • UNION	1	35	
	AN924-4D	• • NUT	1	35	
	AN9600716	• • WASHER	1	35	
- 40		• • VALVE ASSY, EMER SPEED BRAKE SELECTOR SEE FIG. 2.7-1 INDEX 13	RF		
- 41	8-80421-43	• • TUBE ASSEMBLY	1	35	
- 42	MS21902D4	• • UNION	1	35	
	AN6290-4	• • GASKET	1	35	
- 43		• • VALVE ASSY, SELECTOR SPEED BRAKE CONTROL SEE FIG. 2.3-15 INDEX 23	RF		
- 44	MS21916D4-3	• • REDUCER	1	35	
	AN6290-3	• • GASKET	1	35	
- 45	8-80421-45	• • TUBE ASSEMBLY	1	35	
- 46	MS21905D4	• • TEE	1	35	
- 47	8-80421-47	• • TUBE ASSEMBLY	1	35	
- 48	8-80421-67	• • TUBE ASSEMBLY	1	35	
- 49	MS21912D4	• • TEE	1	35	
	AN924-4D	• • NUT	1	35	
- 50	8-80421-103	• • TUBE ASSEMBLY	1	35	
- 51	MS21902D4	• • UNION	1	35	
	AN6290-4	• • GASKET	1	35	
- 52		• • VALVE ASSY, DRAG CHUTE SELECTOR SEE FIG. 2.7-1 INDEX 2	RF		
- 53	MS21909D4	• • TEE	1	35	
	AN924-4D	• • NUT	1	35	
- 54	8-80421-107	• • TUBE ASSEMBLY	1	35	
	AN8-80421-123	• • TUBE ASSEMBLY	1	61	
- 55	8-80421-51	• • TUBE ASSEMBLY	1	35	
- 56	MS21903D4	• • UNION	3	35	
	AN924-4D	• • NUT	3	35	
- 57	MS21907D4	• • ELBOW	1	35	
	AN924-4D	• • NUT	1	35	
- 58	8-80421-93	• • TUBE ASSEMBLY	1	35	
- 59	8-80421-95	• • TUBE ASSEMBLY	1	35	
- 60	CR295870-4-0150	• • HOSE ASSY, TEFLON OR EQUAL REPLACES 112040-4-C150			
- 61	CR295870-4-0155	• • HOSE ASSY, TEFLON OR EQUAL REPLACES 112040-4-0155			
- 62	MS21902D4	• • UNION	2	35	

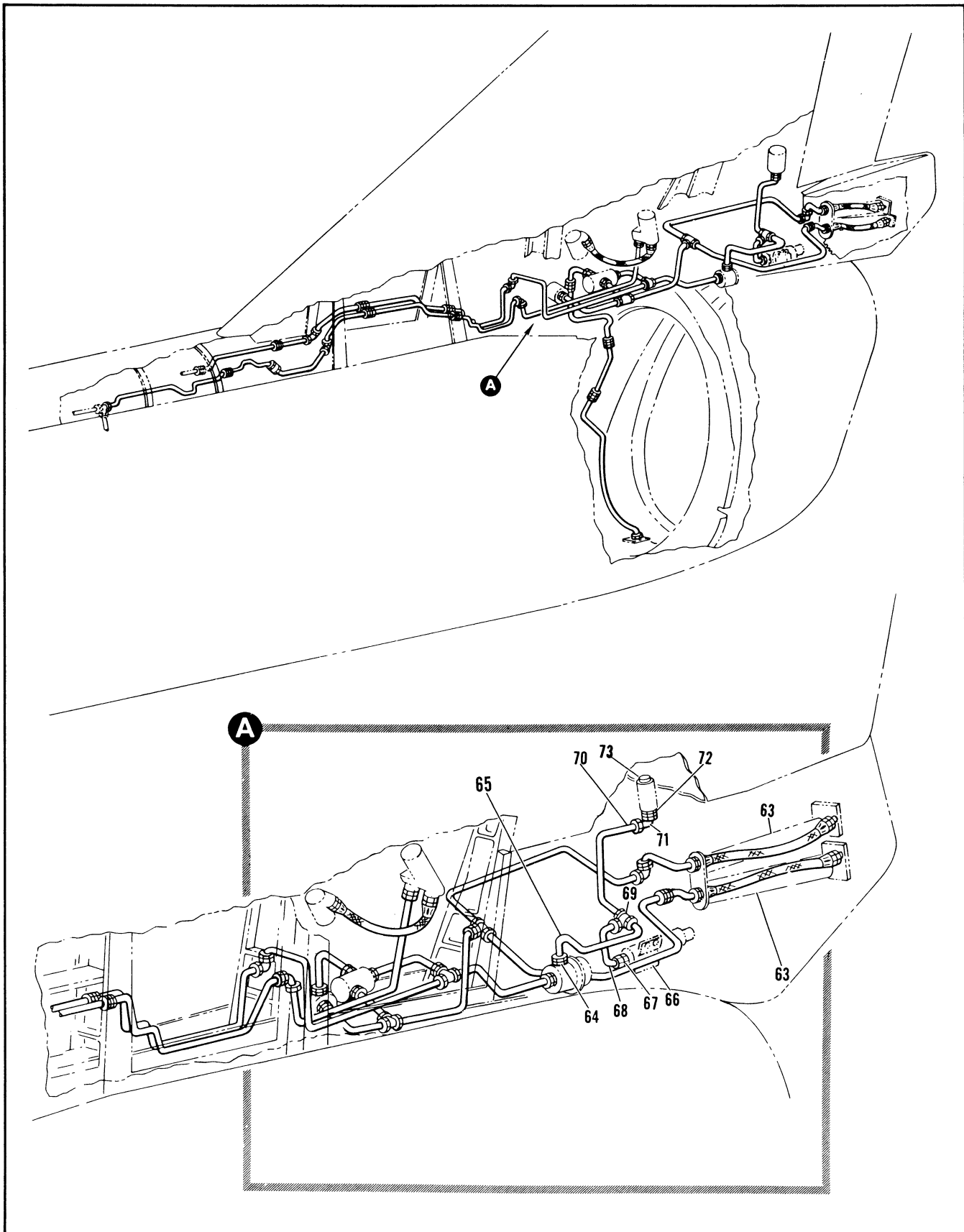


Figure 2.9-25. High Pressure Pneumatic Vertical Stabilizer and Dorsal Tubing (Sheet 3 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.9-25	AN6290-4	• • GASKET	2	35	
- 63		• • ACTUATOR ASSY, SPEED BRAKE SEE FIG. 2.7-1 INDEX 7	RF		
- 64	MS21916D4-3	• • REDUCER	1	35	
	AN6290-4	• • GASKET	1	35	
- 65	8-80421-55	• • TUBE ASSEMBLY	1	35	48
	8-80421-121	• • TUBE ASSEMBLY	1	49	
- 66		• • ACTUATOR ASSY, DRAG CHUTE RELEASE SEE FIG. 2.7-3 INDEX 42	RF		
- 67	MS21902D3	• • UNION	1	35	
	AN6290-3	• • GASKET	1	35	
- 68	8-80421-55	• • TUBE ASSEMBLY	1	35	
- 69	MS21905D3	• • TEE	1	35	
- 70	8-80421-119	• • TUBE ASSEMBLY	1	35	
- 71	ER1833-3	• • ELBOW, <92003> 93-40014-006	1	35	
- 72	MS21902D3	• • UNION	1	35	
	AN6290-3	• • GASKET	1	35	
- 73		• • CYLINDER ASSY, DRAG CHUTE RELEASE SEE FIG. 2.7-3 INDEX 81	RF		

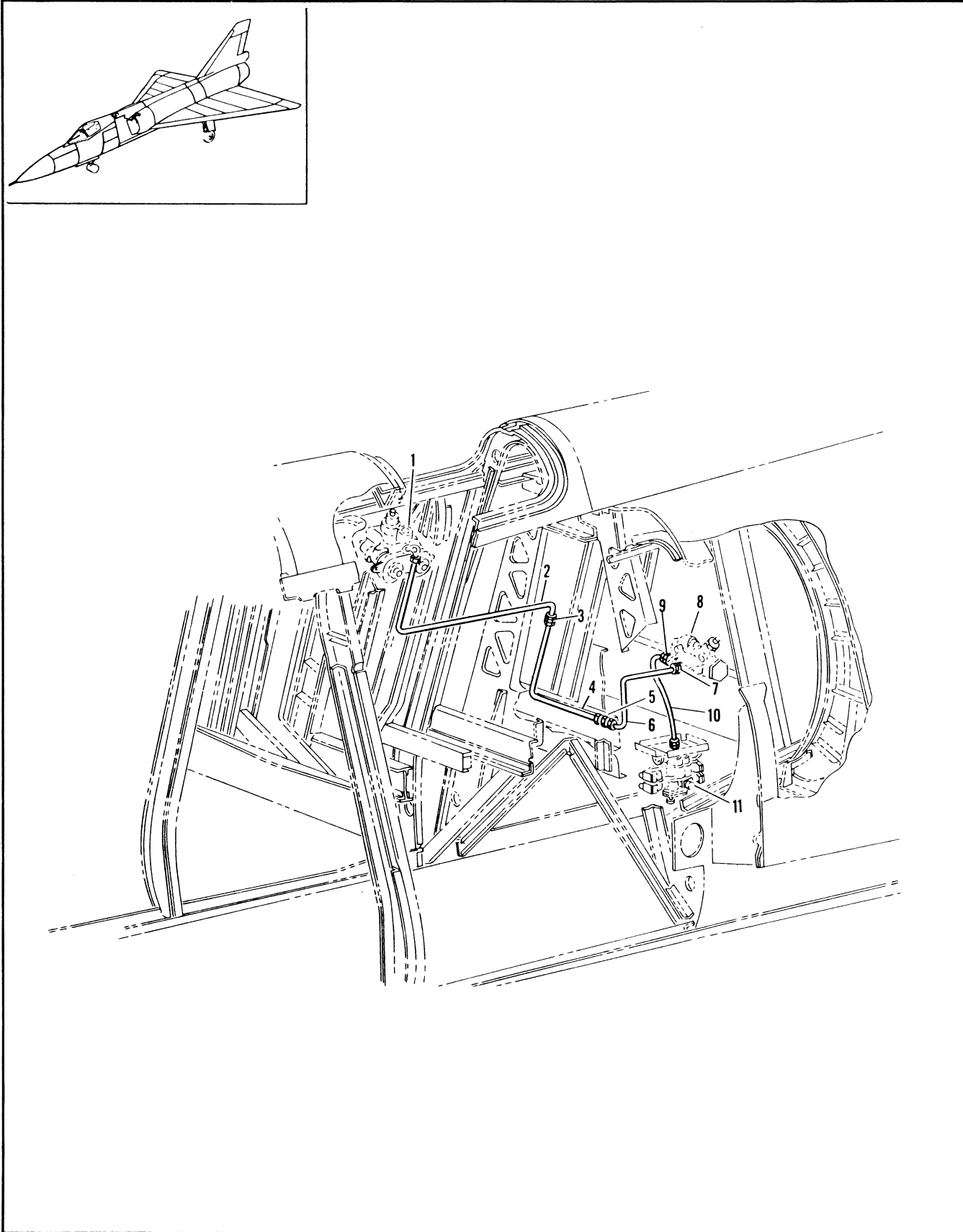


Figure 2.9-26. High Pressure Pneumatic Fuel Transfer and Armament Supply Tubing Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.9-26	8-80249	TUBING INSTL, HIGH PRESSURE PNEUMATIC FUEL TRANSFER AND ARMAMENT SUPPLY	1		
- 1		• VALVE ASSY, FUEL TRANSFER REGULATOR AND RELIEF SEE FIG. 2.12-33 INDEX 1	RF		
- 2	8-80429-359	• TUBE ASSY, FUEL TRANSFER	1	35	
- 3	MS21902D6	• UNION	1	35	
- 4	8-80429-357	• TUBE ASSY, FUEL TRANSFER	1	35	
- 5	MS21902D6	• UNION MODIFIED BY 66J40297	1	35	
- 6	66A39640-1	• TUBE ASSY, FUEL TRANSFER	1		
- 7	MS21902D6	• UNION	1	35	
- 8	AN6290-6	• GASKET	1	35	
- 8		• REGULATOR ASSY, PNEUMATIC PRESSURE SEE FIG. 2.9-1 INDEX 40	RF		
- 9	MS21902D12	• UNION	1	35	
- 9	AN6290-12	• GASKET	1	35	
- 10	66A39639-1	• TUBE ASSY, FUEL TRANSFER	1		
- 11		• VALVE ASSY, ARMAMENT BAY DOOR SELECTOR SEE FIG. 2.20-10 INDEX 1	RF		

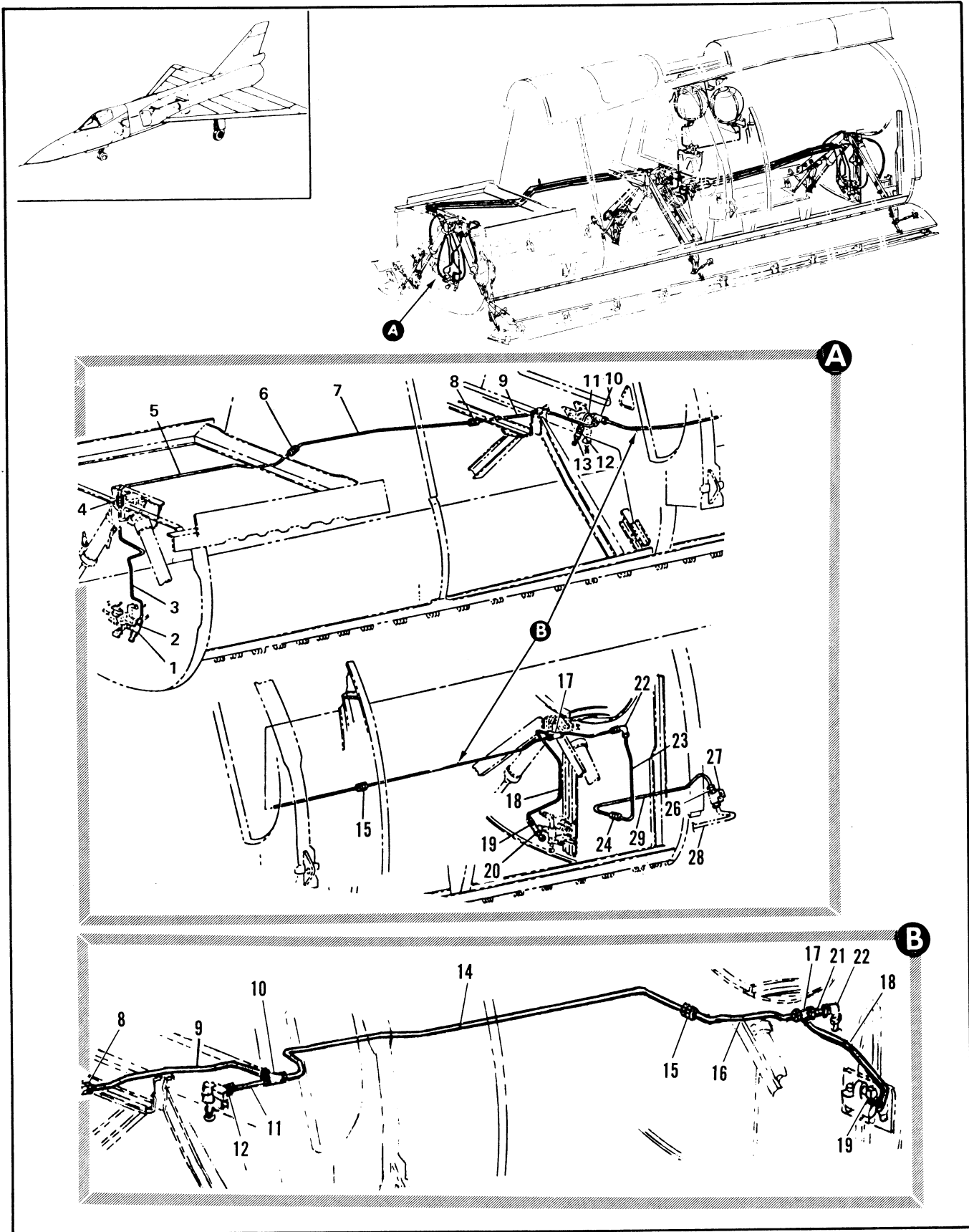


Figure 2.9-27. High Pressure Pneumatic Armament Door Actuator Shuttle Valve Tubing Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.9-27	8-80429	TUBING INSTALLATION, HIGH PRESSURE PNEUMATIC ARMAMENT DOOR ACTUATOR SHUTTLE VALVE	1	35	
- 1		• VALVE ASSY, SELECTOR FWD SEE FIG. 2.20-1 INDEX 4	RF		
- 2	MS2190203	• UNION	1	35	
	AN6290-3	• GASKET	1	35	
- 3	8-80429-1071	• TUBE ASSY, FWD SHUTTLE VALVE	1	35	
- 4	MS2190203	• UNION	1	35	
- 5	8-80429-497	• TUBE ASSY, FWD SHUTTLE VALVE	1	35	188
	8-80429-1369	• TUBE ASSY, FWD SHUTTLE VALVE	1	189	
- 6	MS2190203	• UNION	1	35	
- 7	8-80429-1129	• TUBE ASSY, FWD SHUTTLE VALVE	1	35	
- 8	MS2190203	• UNION	1	35	
- 9	7144906-01	• TUBE ASSY, FWD SHUTTLE VALVE	1		
- 10	MS2190503	• TEE	1	35	
- 11	7144909-01	• TUBE ASSY, CENTER SHUTTLE VALVE	1		
- 12	MS2190203	• UNION	1	35	
	MS28778-3	• PACKING	1		
- 13		• VALVE ASSY, PRESSURE OPERATED SELECTOR SEE FIG. 2.20-8 INDEX 1	RF		
- 14	7144876-01	• TUBE ASSY, AFT SHUTTLE VALVE	1		
- 15	MS2190203	• UNION	1	35	
- 16	7144874-01	• TUBE ASSY, AFT SHUTTLE VALVE	1		
- 17	MS2190503	• TEE	1	35	
- 18	7144875-01	• TUBE ASSY, AFT SHUTTLE VALVE	1		
	MS28778-3	• PACKING	1		
- 19	MS2190203	• UNION	1	35	
- 20		• VALVE ASSY, SELECTOR AFT SEE FIG. 2.20-1 INDEX 6	RF		
- 21	7144904-01	• TUBE ASSY, ARMAMENT BAY DOOR AFT VALVE	1		
- 22	MS2190804	• ELBOW	1	35	
	AN924-30	• NUT	1	35	
	AN9670616L	• WASHER	1	35	
- 23	8-80429-405	• TUBE ASSY, ARMAMENT BAY DOOR AFT VALVE	1	35	
- 24	MS2190203	• UNION	1	35	
- 25	8-80429-407	• TUBE ASSY, ARMAMENT BAY DOOR AFT VALVE	1	35	60
	8-80429-1255	• TUBE ASSY, ARMAMENT BAY DOOR AFT VALVE	1	61	
- 26	MS2190203	• UNION	1	35	
	AN6290-3	• GASKET	1	35	
- 27		• VALVE ASSY, ARMAMENT BAY DOOR MANUAL SAFETY SEE FIG. 2.20-1 INDEX 11	RF		
- 28		• TUBE ASSY, PNEUMATIC PRESSURE SEE FIG. 2.9-32 INDEX 14	RF		

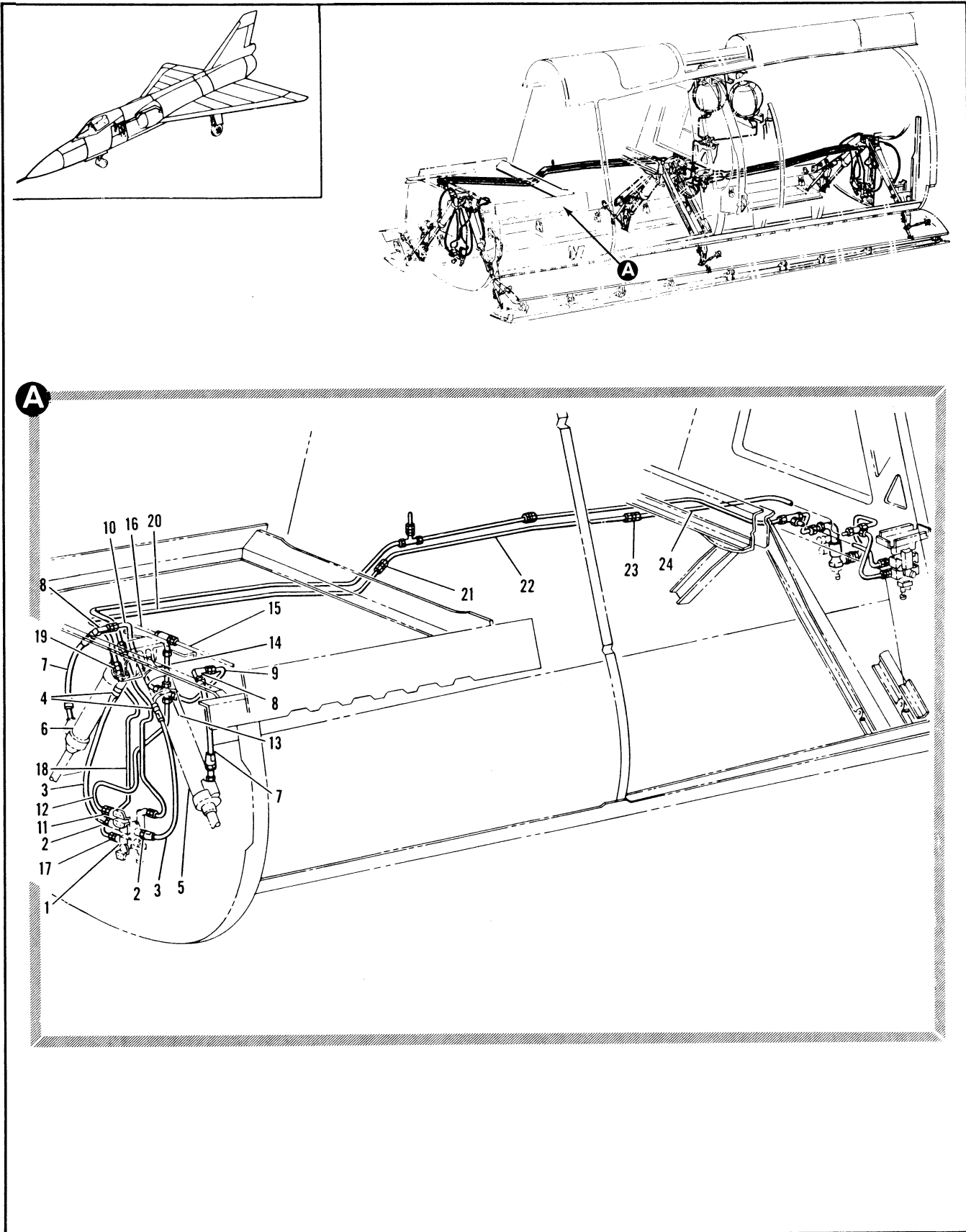


Figure 2.9-28. High Pressure Pneumatic Armament Door Forward Actuator Tubing Installation (Sheet 1 of 3)



FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.9-28	8-80429	TUBING INSTALLATION, HIGH PRESSURE PNEUMATIC ARMAMENT DOOR FWD ACTUATOR	1	35	
- 1		• VALVE ASSY, PNEUMATIC SELECTOR SEE FIG. 2.20-1 INDEX 4	RF		
- 2	MS21916D8-6	• REDUCER	2	35	
	AN6290-8	• GASKET	2	35	
- 3	666035-6-0192	• HOSE ASSY, <00624> 94-80522-107	2	35	
- 4	MS21902D6	• UNION	2	35	
	AN6290-6	• GASKET	2	35	
- 5		• ACTUATOR ASSY, ARMAMENT BAY DOOR FWD LH • SEE FIG. 2.20-11 INDEX 1	RF		
- 6		• ACTUATOR ASSY, ARMAMENT BAY DOOR FWD RH • SEE FIG. 2.20-11 INDEX 2	RF		
- 7	666035-6-0125	• HOSE ASSY, <00624> 94-80522-054 REPLACED BY SUITABLE SUB 124223-6D0125	2	35	38
	124223-6D0125	• HOSE ASSY, <98441> SPEC 8-08538-23 REPLACES SUITABLE SUB FOR 666035-6-0125	1	39	
- 8	4126-577250	• ELBOW <92003> 93-40015-001	2	35	
	AN924-6D	• NUT	2	35	
	AN960D916L	• WASHER	2	35	
- 9	8-80429-251	• TUBE ASSY, FWD ACTUATOR LH	1	35	
- 10	8-80429-253	• TUBE ASSY, FWD ACTUATOR RH	1	35	
- 11	9R0481-7	• RESTRICTOR, FIXED <91207> SPEC 8-00429-7	1	35	
	AN6290-8	• GASKET	1	35	
- 12	8-80429-1067	• TUBE ASSY, FWD SELECTOR VALVE	1	35	
- 13	4126-569800	• CROSS, <92003> 92-79005-002	1	35	
- 14	8-80429-247	• TUBE ASSY, FWD SELECTOR VALVE	1	35	
- 15		• TUBE ASSY, EMERGENCY COCKPIT PRESSURIZATION SEE FIG. 2.9-11 INDEX 27	RF		
- 16		• TUBE ASSY, EMERGENCY COCKPIT PRESSURIZATION SEE FIG. 2.9-11 INDEX 31	RF		
- 17	MS21902D3	• UNION	1	35	
	AN6290-3	• GASKET	1	35	
- 18	8-80429-1065	• TUBE ASSY, FWD SELECTOR VALVE	1	35	
- 19	MS21902D3	• UNION	1	35	
- 20	8-80429-505	• TUBE ASSY, FWD SELECTOR VALVE	1	35	188
	8-80429-1373	• TUBE ASSY, FWD SELECTOR VALVE	1	189	
- 21	MS21902D3	• UNION	1	35	
- 22	8-80429-1127	• TUBE ASSY, FWD SELECTOR VALVE	1	35	
- 23	MS21902D3	• UNION	1	35	
- 24	8-80429-1165	• TUBE ASSY, FWD SELECTOR VALVE	1	35	

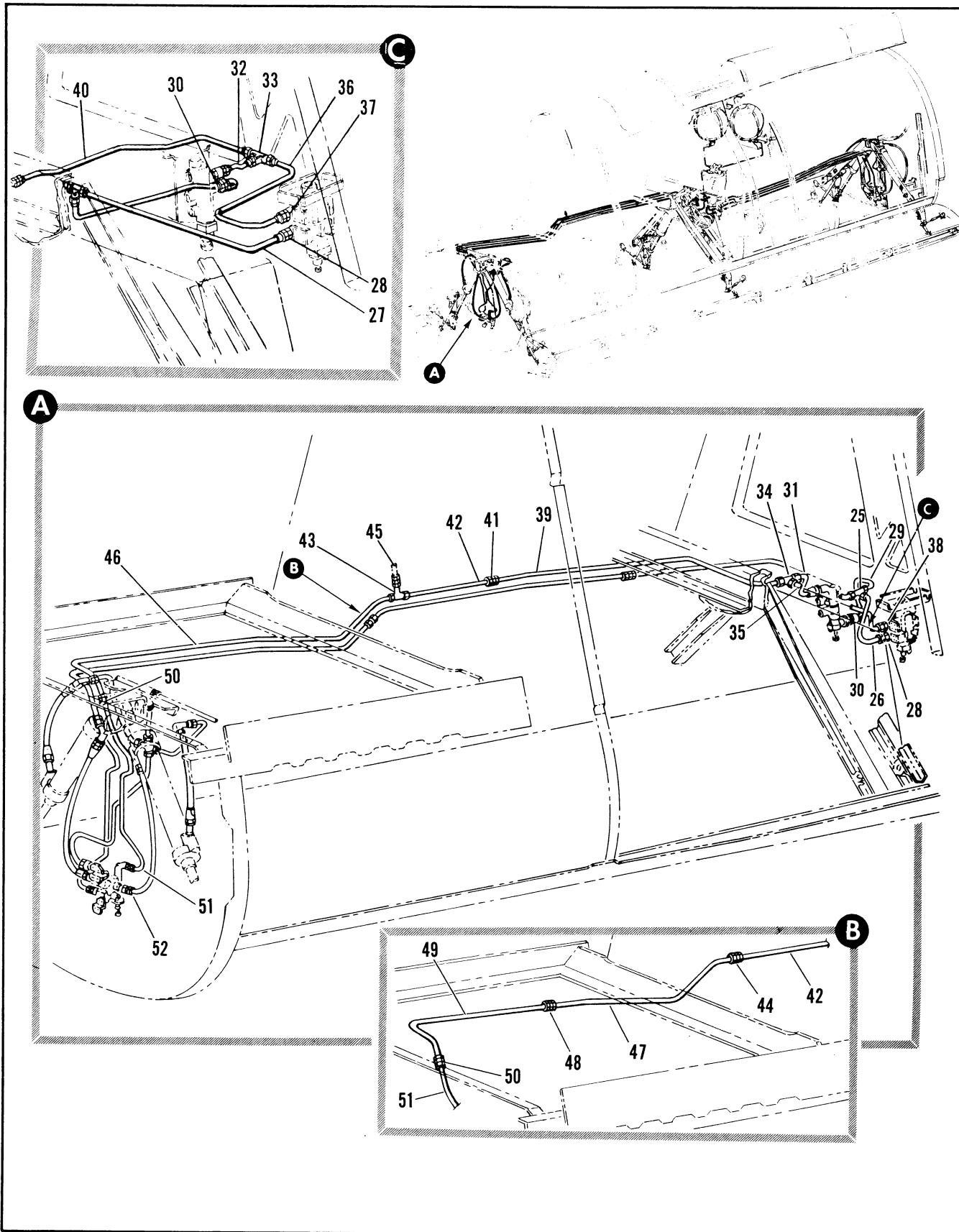


Figure 2.9-28. High Pressure Pneumatic Armament Door Forward Actuator Tubing Installation (Sheet 2 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.9-28- 25	MS21912D3	. TEE	1	35	
	AN924-3D	. NUT	1	35	
	AN960D616	. WASHER	1	35	
- 26	8-80429-1311	. TUBE ASSY, FWD SELECTOR VALVE	1	43	
- 27	7144821-01	. TUBE ASSY, FWD SELECTOR VALVE	1	35	42
- 28	MS21902D3	. UNION	1	35	
	MS21902D3	. PACKING	1	35	42
- 29	8-80429-1153	. TUBE ASSY, CENTER SELECTOR VALVE	1	35	39
	8-80429-1283	. TUBE ASSY, CENTER SELECTOR VALVE	1	90	
- 30	9R7431-5	. RESTRICTOR, FIXED (91207) SPEC 8-00429-3	1	35	
- 31	8-80429-1155	. TUBE ASSY, CENTER SELECTOR VALVE	1	35	
- 32	7144907-01	. TUBE ASSY, CENTER SELECTOR VALVE	1		
- 33	MS21902D4	. TEE	1		
	MS28778-4	. PACKING	1		
- 34	MS21905D4	. TEE	1	35	
- 35	8-80429-1313	. TUBE ASSY, FWD SELECTOR VALVE	1	43	
- 36	7144548-01	. TUBE ASSY, FWD SELECTOR VALVE	1	35	42
- 37	MS21902D4	. UNION	1		
	MS28778-4	. PACKING	1		
- 38	MS21916D4-3	. REDUCER	1	35	42
- 39	8-80429-1167	. TUBE ASSY, FWD SELECTOR VALVE	1	35	
- 40	7144910-01	. TUBE ASSY, FWD SELECTOR VALVE	1	35	42
- 41	MS21902D4	. UNION	1	35	
- 42	8-80429-1125	. TUBE ASSY, FWD SELECTOR VALVE	1	48	48
	8-80429-1225	. TUBE ASSY, FWD SELECTOR VALVE	1	A	
- 43	MS21909D4	. TEE	1	48	48
	AN924-4D	. NUT	1	48	48
	AN960D716L	. WASHER	1	48	48
- 44	MS21902D4	. UNION	1	A	
- 45		. TUBE ASSY, FWD ARMAMENT DISPLACEMENT SEE FIG. 2.9-30 INDEX 3	RF		
- 46	8-80429-491	. TUBE ASSY, FWD SELECTOR VALVE	1	48	48
	8-80429-1371	. TUBE ASSY, FWD SELECTOR VALVE	1	189	
- 47	8-80429-1223	. TUBE ASSY, FWD SELECTOR VALVE	1	B	
- 48	MS21902D4	. UNION	1	B	
- 49	8-80429-1277	. TUBE ASSY, FWD SELECTOR VALVE	1	B	
- 50	MS21902D4	. UNION	1	35	
- 51	8-80429-1069	. TUBE ASSY, FWD SELECTOR VALVE	1	35	
- 52	MS21902D4	. UNION	1	35	

A AIRPLANES #35 THRU 44, 49 AND ON  
 B AIRPLANES #35 THRU 44, 49 THRU 188

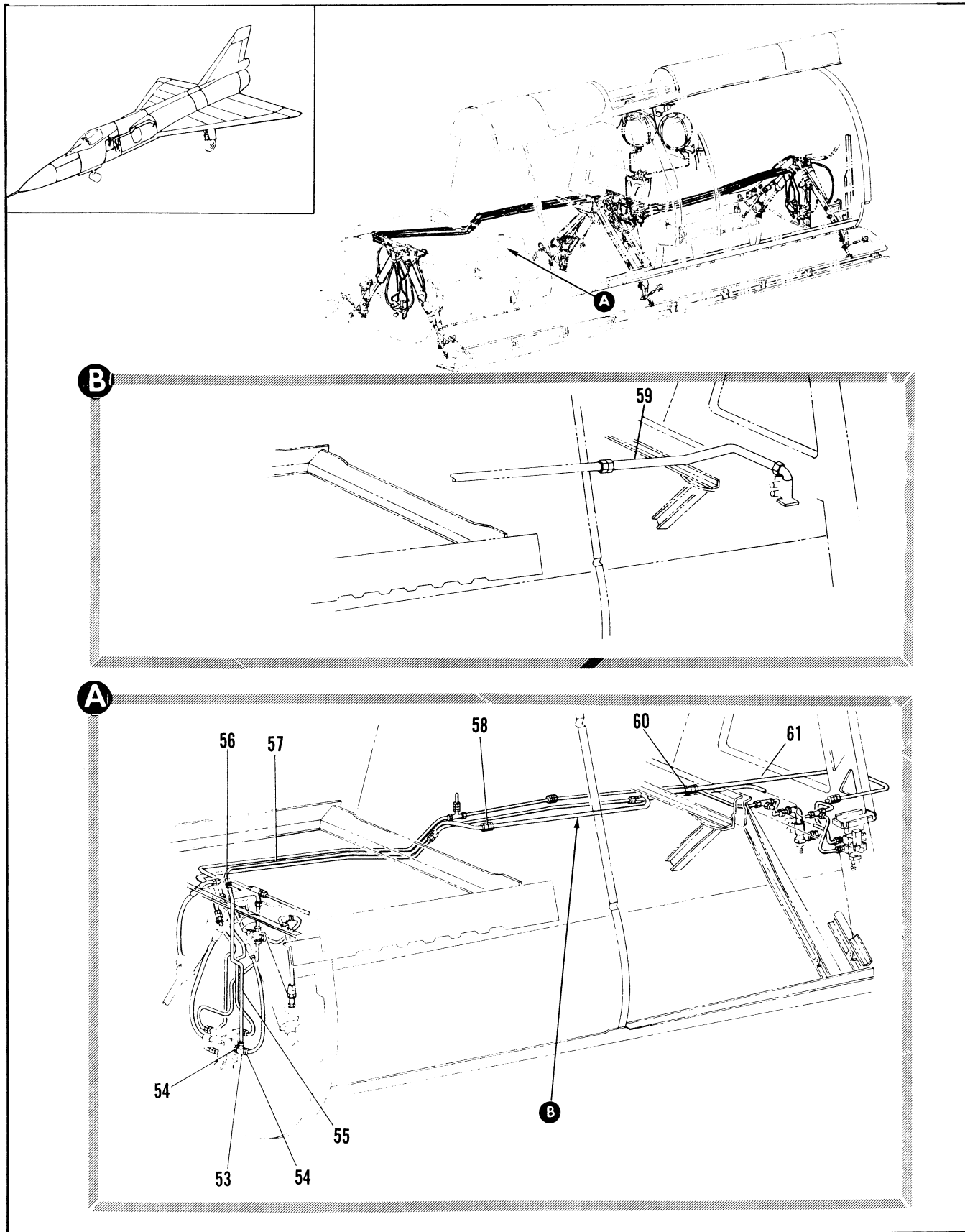


Figure 2.9-28. High Pressure Pneumatic Armament Door Forward Actuator Tubing Installation (Sheet 3 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.9-28- 53	AN938D6	• TEE REPLACED BY A SUITABLE SUB MS21912D6	1		
	MS21912D6	• TEE	1		
- 54	MS21902D6	• • UNION	3		
	MS28778-6	• • PACKING	4		
	AN924-6D	• • NUT	1		
- 55	67A34045-1	• TUBE ASSY	1		
	7947437-10	• TUBE ASSY (AFTER TCTO 1F-106-1159)	1		
- 56	MS21902D6	• UNION	1		
- 57	67A34045-6	• TUBE ASSY	1		
- 58	MS21902D6	• UNION	1		
- 59	7144903-01	• TUBE ASSY	1		
- 60	MS21902D6	• UNION	1		
- 61	67A34045-3	• TUBE ASSY	1		

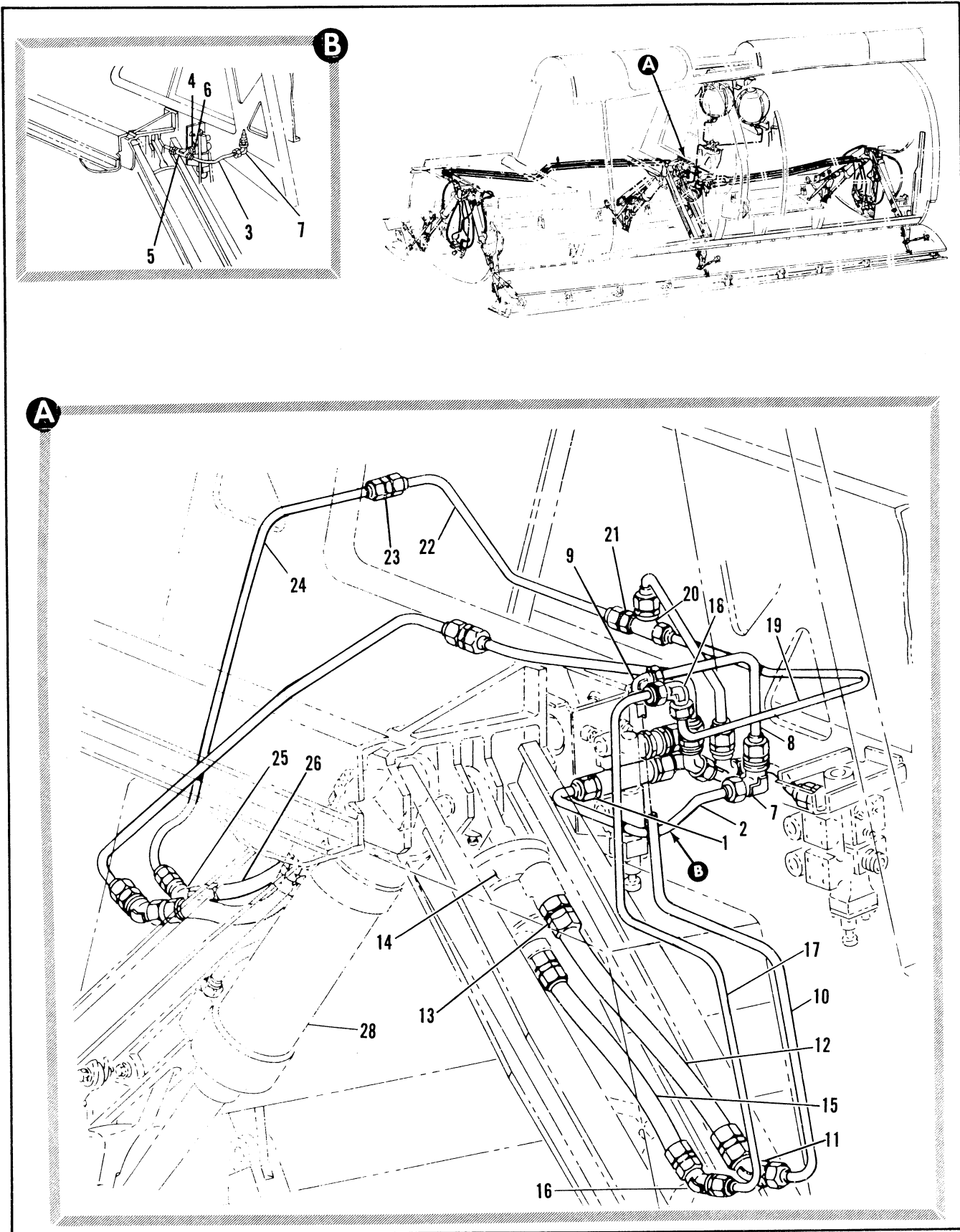


Figure 2.9-29. High Pressure Pneumatic Armament Door Center Actuator Tubing Installation (Sheet 1 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.9-29	8-80429	TUBING INSTALLATION, HIGH PRESSURE PNEUMATIC ARMAMENT DOOR DOOR CENTER ACTUATOR	1	35	
- 1	MS21902D8	• UNION	1	35	
	AN6290-8	• GASKET	1	35	
- 2	8-80429-1059	• TUBE ASSY, CENTER ACTUATOR LH	1	35	
- 3	7144897-01	• TUBE ASSY, CENTER ACTUATOR LH	1		
- 4	AN924-10D	• NUT	1		
- 5	ER834D080610	• TEE (92003)	1		
- 6	MS28778-10	• PACKING	1		
- 7	MS21908D8	• ELBOW	1	35	
	AN924-8D	• NUT	1	35	
	AN960D1216	• WASHER	1	35	
- 8	8-80429-1145	• TUBE ASSY, CENTER ACTUATOR LH	1	35	
- 9	MS21907D8	• ELBOW	1	35	
	AN924-8D	• NUT	1	35	
	AN960D1216	• WASHER	1	35	
- 10	8-80429-1147	• TUBE ASSY, CENTER ACTUATOR LH	1	35	
- 11	MS21907D8	• ELBOW	1	35	
	AN924-8D	• NUT	1	35	
	AN960D1216	• WASHER	1	35	
- 12	666035-8-8147	• HOSE ASSY, <00624> 94-80537-072	1	35	38
	124223-8D0147	REPLACED BY SUITABLE SUB 124223-8D0147			
		• HOSE ASSY, <98441> SPEC 8-0538-29	1	39	
		REPLACES SUITABLE SUB FOR 666035-8-0147			
- 13	MS21902D8	• UNION	1	35	
	AN6290-8	• GASKET	1	35	
- 14		• ACTUATOR ASSY, ARMAMENT BAY DOOR CENTER LH	RF		
		SEE FIG. 2.20-11 INDEX 48			
- 15	666035-6-0145	• HOSE ASSY, <00624> 94-80522-070	1	35	38
	124223-6D0145	REPLACED BY SUITABLE SUB 124223-6D0145			
		• HOSE ASSY, <98441> SPEC 8-08538-27	1	39	
		REPLACES SUITABLE SUB FOR 666035-6-0145			
- 16	MS21907D6	• ELBOW	1	35	
	AN924-6D	• NUT	1	35	
	AN960D916L	• WASHER	1	35	
- 17	8-80429-1143	• TUBE ASSY, CENTER SELECTOR LH	1	35	
- 18	MS21907D6	• ELBOW	1	35	
	AN924-6D	• NUT	1	35	
	AN960D916	• WASHER	1	35	
- 19	8-80429-1141	• TUBE ASSY, CENTER SELECTOR LH	1	35	
- 20	MS21910D6	• TEE	1	35	
- 21	MS21916D8-6	• REDUCER	1	35	
	AN6290-6	• GASKET	1	35	
- 22	8-80429-275	• TUBE ASSY, CENTER ACTUATOR RH	1	35	
- 23	MS21902D6	• UNION	1	35	
- 24	8-80429-1101	• TUBE ASSY, CENTER ACTUATOR RH	1	35	
- 25	MS21907D6	• ELBOW	1	35	
	AN924-6D	• NUT	1	35	
	AN960D916	• WASHER	1	35	
- 26	666035-6-0145		1	35	38
- 27	666035-6-0145	• HOSE ASSY, <00624> 94-80522-070	1	35	38
	124223-6D0145	REPLACED BY SUITABLE SUB 124223-6D0145			
		• HOSE ASSY, <98441> SPEC 8-08538-27	1	39	
		REPLACES SUITABLE SUB FOR 666035-6-0145			
- 28		• ACTUATOR ASSY, ARMAMENT BAY DOOR CENTER RH	RF		
		SEE FIG. 2.20-11			

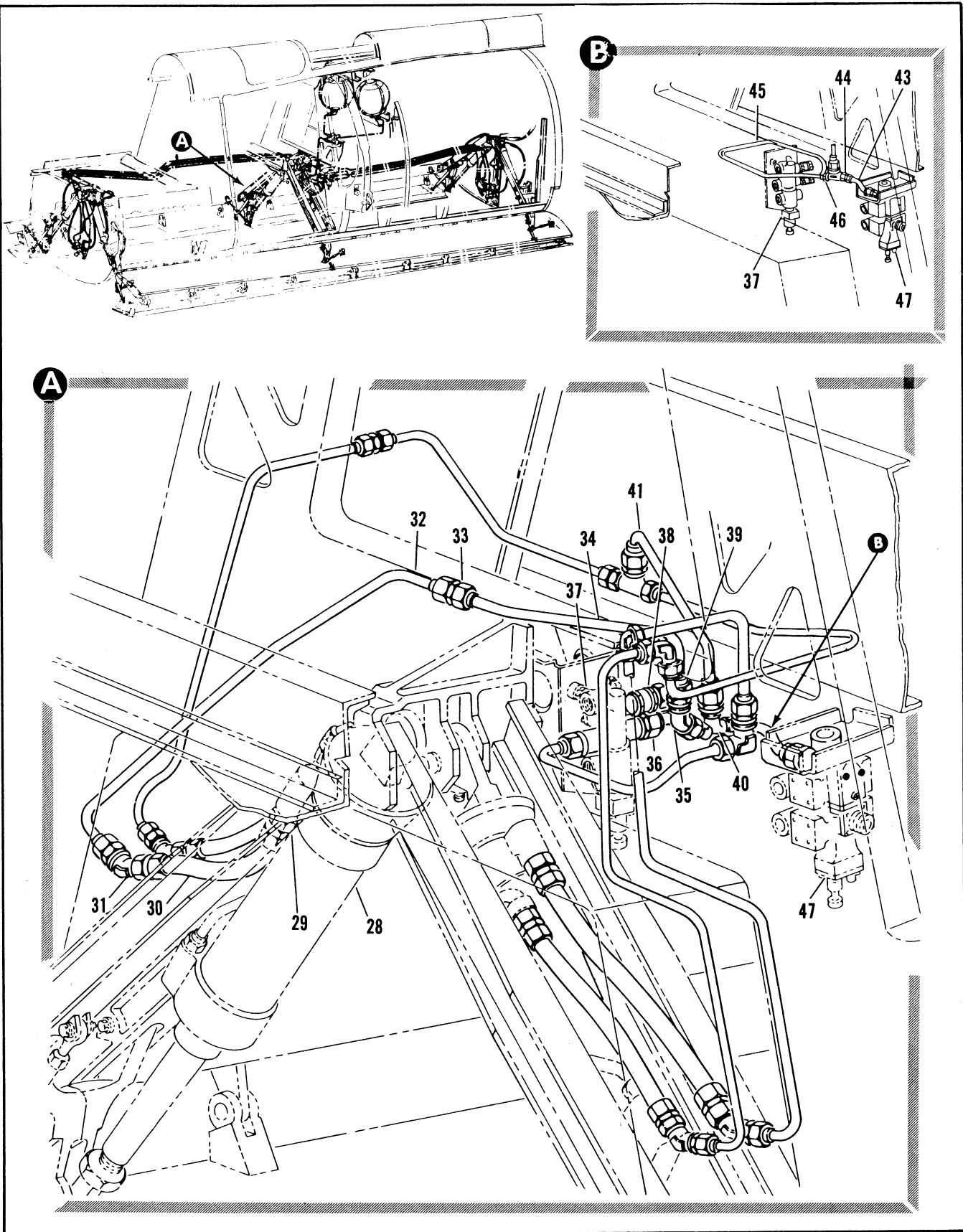


Figure 2.9-29. High Pressure Pneumatic Armament Door Center Actuator Tubing Installation (Sheet 2 of 3)



FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.9-29- 29	MS21902D8	• UNION	1	35	
	AN6290-8	• GASKET	1	35	
- 30	666035-8-1147	• HOSE ASSY, <00624> 94-80537-072 REPLACED BY SUITABLE SUB 124223-800147	1	35	38
	124223-800147	• HOSE ASSY, <98441> SPEC 9-08538-29 REPLACES SUITABLE SUB FOR 666035-8-0147	1	39	
- 31	MS21907D8	• ELBOW	1	35	
	AN924-8D	• NUT	1	35	
	AN960D1216	• WASHER	1	35	
- 32	8-80429-1151	• TUBE ASSY, CENTER ACTUATOR RH	1	35	
- 33	MS21902D8	• UNION	1	35	
- 34	8-80429-1149	• TUBE ASSY, CENTER ACTUATOR RH	1	35	264
	8-80429-1395	• TUBE ASSY, CENTER ACTUATOR RH	1	265	
- 35	MS21907D8	• ELBOW	1	35	
	AN924-8D	• NUT	1	35	
	AN960D1216	• WASHER	1	35	
- 36	MS21916D10-8	• REDUCER	1	35	
	AN6290-10	• GASKET	1	35	
- 37		• VALVE ASSY, PNEUMATIC SELECTOR SEE FIG. 2-20-8 INDEX 1	RF		
- 38	9R0481-9	• RESTRICTOR, FIXED <91207> SPEC 8-00429-9	1	35	
	AN6290-8	• GASKET	1	35	
- 39	8-80429-1377	• TUBE ASSY, CENTER SELECTOR VLAVE	1	35	
- 40	MS21909D8	• TEE	1	35	
	AN924-8D	• NUT	1	35	
	AN960D1216	• WASHER	1	35	
- 41	8-80429-733	• TUBE ASSY, CENTER SELECTOR VALVE	1	35	
- 42	8-80429-467	• TUBE ASSY, ARMAMENT SELECTOR VALVE	1	43	
- 43	7144822-01	• TUBE ASSY, CENTER SELECTOR VALVE	1	35	42
- 44	MS21902D8	• UNION	1		
	MS28778-8	• PACKING	1		
- 45	7144908-01	• TUBE ASSY	1		
- 46	MS21902D8	• UNION	1		
	MS28778-8	• PACKING	1		
- 47		• VALVE ASSY, ARMAMENT BAY DOOR SELECTOR SEE FIG. 2-20-9 INDEX 1	RF		

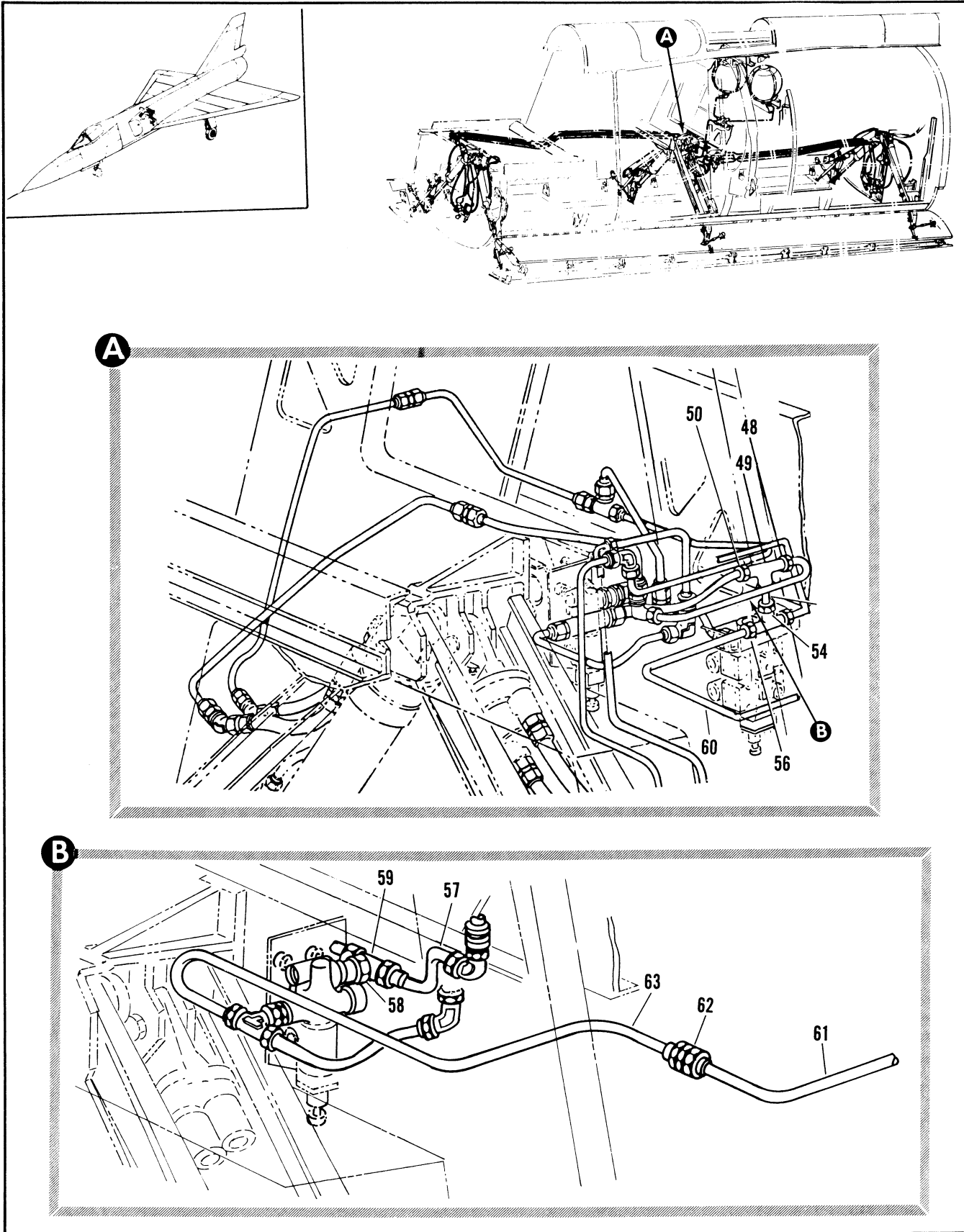


Figure 2.9-29. High Pressure Pneumatic Armament Door Center Actuator Tubing Installation (Sheet 3 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.9-29- 48	67A34045-3	• TUBE ASSY, SEE FIG. 2.9-28 INDEX 61	REF		
- 49	AN938D8	• TEE	1		
- 50	MS21902D8	• UNION	2		
- 51	MS28778-8	• PACKING	2		
- 52	AN893-12D	• BUSHING	1		
- 53	MS28778-8	• PACKING	1		
- 54	AN924-6D	• NUT	1		
- 55	MS21909D6	• TEE	1		
- 56	MS28778-6	• PACKING	1		
- 57	7144896-01	• TUBE ASSY	1		
- 58	AN924-10D	• NUT	1		
- 59	ER834D08C610	• TEE (92003)	1		
- 60	67A34045-5	• TUBE ASSY	1		
- 61	7144901-01	• TUBE ASSY	1		
- 62	MS21902D6	• UNION	1		
- 63	7144902-01	• TUBE ASSY	1		

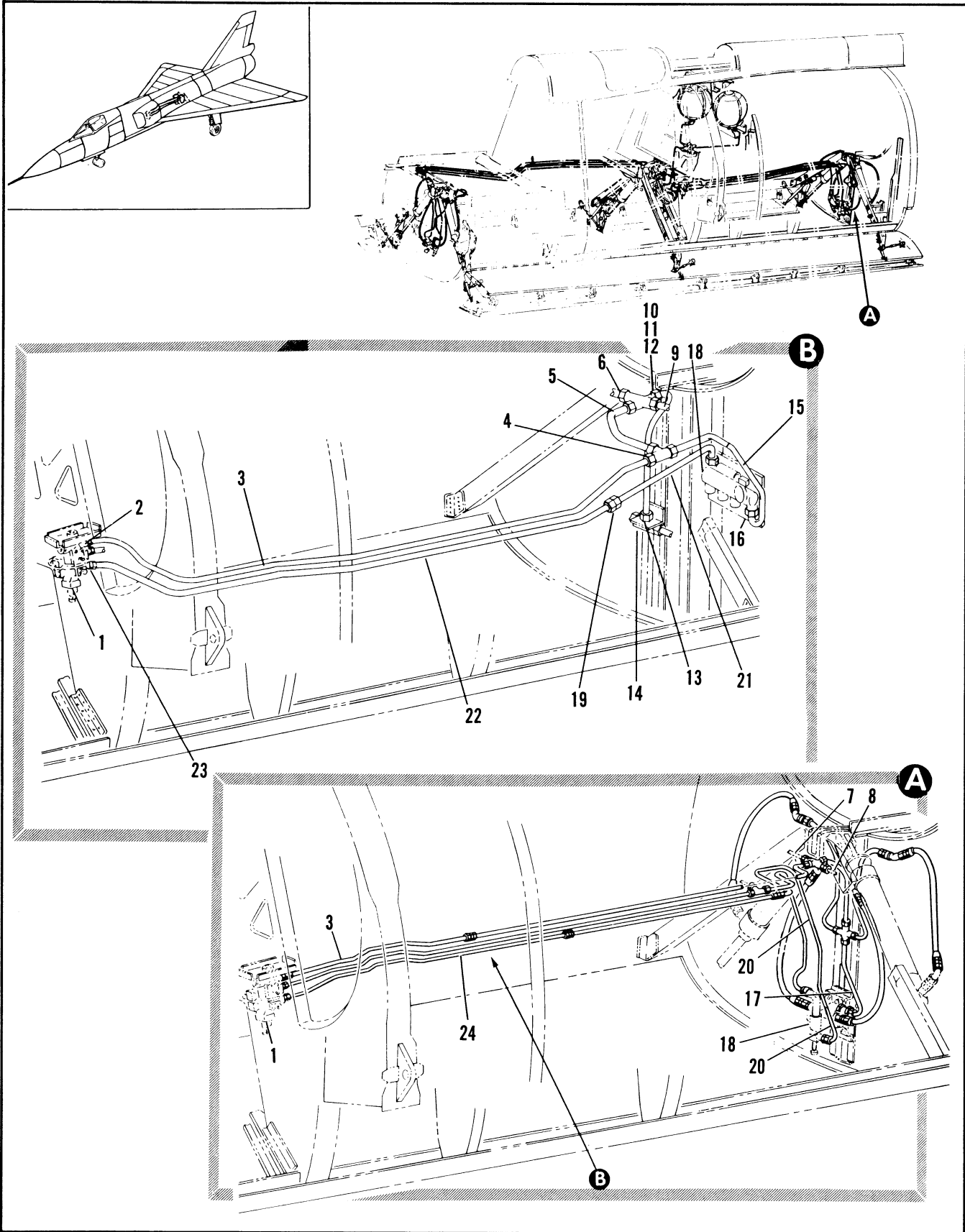


Figure 2.9-30. High Pressure Pneumatic Armament Door Aft Actuator Tubing Installation (Sheet 1 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.9-30	8-80429	TUBING INSTALLATION, HIGH PRESSURE PNEUMATIC ARMAMENT DOOR AFT ACTUATOR	1	35	
- 1		• VALVE ASSY, ARMAMENT BAY DOOR SELECTOR SEE FIG. 2.20-9 INDEX 1	RF		
- 2	MS21902D8	• UNION	1		
	MS28778-8	• PACKING	1		
- 3	8-80429-725	• TUBE ASSY, AFT SELECTOR VALVE	1	35	42
	7144894-01	• TUBE ASSY, AFT SELECTOR VALVE	1		
- 4	MS21905D8	• TEE	1		
- 5	7144893-01	• TUBE ASSY, AFT SELECTOR VALVE	1		
- 6	MS21902D8	• UNION	1		
	MS28778-8	• PACKING	1		
- 7		• TUBE ASSY, AFT ACTUATOR SEE FIG. 2.9-32 INDEX 35	RF		
- 8		• TUBE ASSY, AFT ACTUATOR SEE FIG. 2.9-32 INDEX 32	RF		
- 9	7144892-01	• TUBE ASSY, AFT SELECTOR VALVE	1		
- 10	AN924-8D	• NUT	1		
- 11	MS21924D8	• UNION	1		
- 12	MS28778-8	• PACKING	1		
- 13	NA924-8D	• NUT	1		
- 14	ER834D060608	• TEE	1		
- 15	7144895-01	• TUBE ASSY, AFT SELECTOR VALVE	1		
- 16	MS21902D8	• UNION	1		
	MS28778-8	• PACKING	1		
- 17	9R0481-11	• RESTRICTOR, FIXED <91207> SPEC 8-00429-11	1	35	
	AN6290-8	• GASKET	1	35	
- 18		• VALVE ASSY, SEE FIG. 2.20-1 INDEX 4	RF		
- 19	MS21902D2	• UNION	1		
	MS28778-3	• PACKING	1		
- 20	8-80429-1379	• TUBE ASSY, AFT SELECTOR VALVE	1	206	
- 21	7144877-01	• TUBE ASSY, AFT SELECTOR VALVE	1		
- 22	7144878-01	• TUBE ASSY, AFT SELECTOR VALVE	1		
- 23	MS21902D3	• UNION	1		
	MS28778-8	• PACKING	1		
- 24	8-80429-691	• TUBE ASSY, AFT SELECTOR VALVE	1	35	42

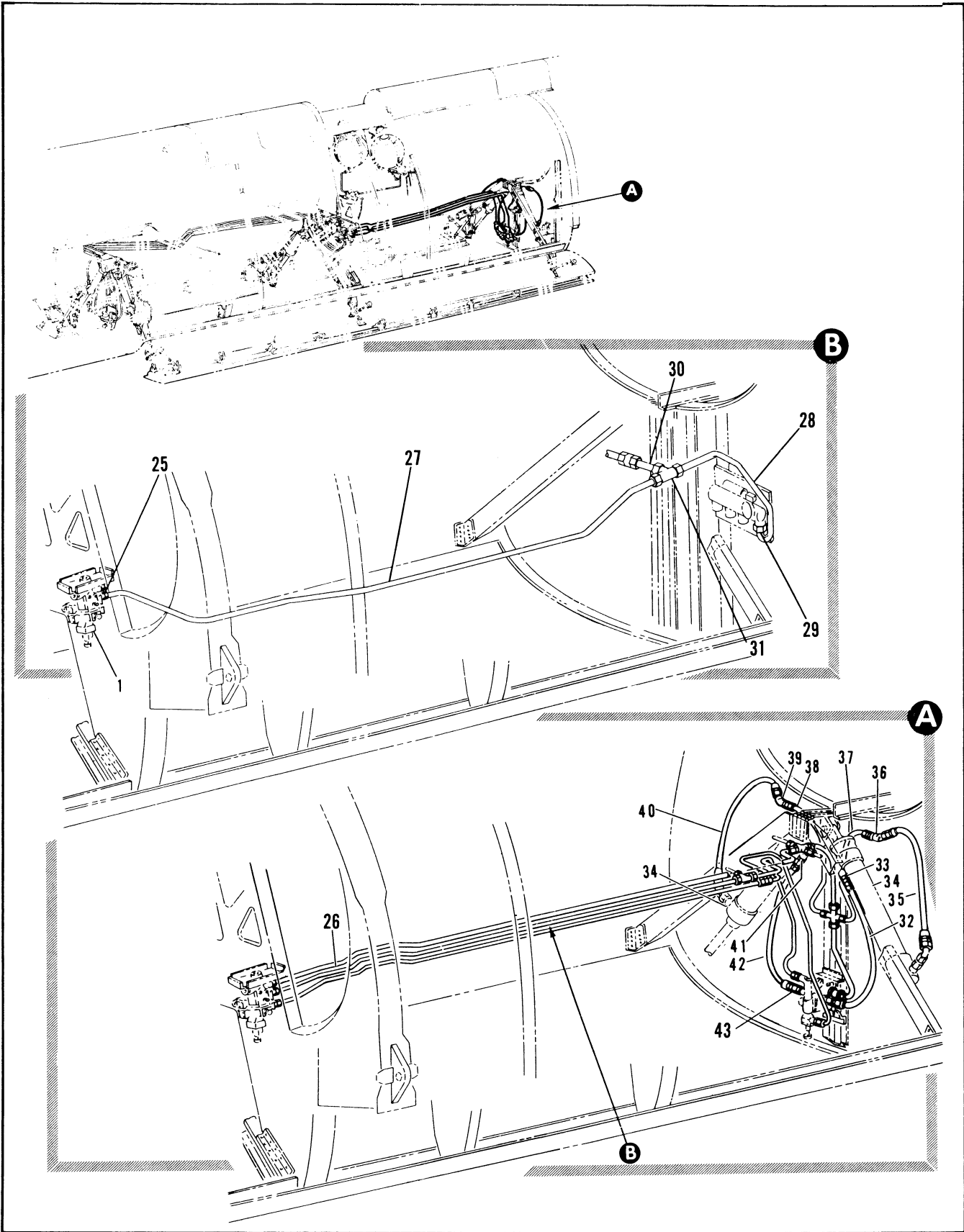


Figure 2.9-30. High Pressure Pneumatic Armament Door Aft Actuator Tubing Installation (Sheet 2 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.9-30- 25	MS21902D4	• UNION	1		
	MS28778-4	• PACKING	1		
- 26	8-80429-7C3	• TUBE ASSY, AFT SELECTOR VALVE	1	35	42
- 27	7144881-101	• TUBE ASSY, AFT SELECTOR VALVE	1		
- 28	7144879-01	• TUBE ASSY, AFT SELECTOR VALVE	1		
- 29	MS21902D4	• UNION	1		
	MS28778-4	• PACKING	1		
- 30	7144880-01	• TUBE ASSY	1		
- 31	MS21905D4	• TEE	1		
- 32	666035-6-0200	• HOSE ASSY, <00624> 94-80522-113	1	35	38
		REPLACED BY SUITABLE SUB 124223-600200			
	124223-600200	• HOSE ASSY, <98441> SPEC 8-08538-35	1	39	
		REPLACES SUITABLE SUB FOR 666035-6-0200			
- 33	MS21902D6	• UNION	1	35	
	AN6290-6	• GASKET	1	35	
- 34		• ACTUATOR ASSY, ARMAMENT BAY DOOR AFT	RF		
		SEE FIG. 2-20-11 INDEX 85			
- 35	666320-6-0166	• HOSE ASSY, <00624> 94-80509-003	1	35	38
		REPLACED BY SUITABLE SUB 124221-600166			
	124221-600166	• HOSE ASSY, <98441> SPEC 8-08538-41	1	39	
		REPLACES SUITABLE SUB FOR 666320-6-0166			
- 36	MS21907D6	• ELBOW	1	35	
	AN924-6D	• NUT	1	35	
	AN960916L	• WASHER	1	35	
- 37	8-80429-565	• TUBE ASSY, AFT ACTUATOR LH	1	35	
- 38	8-80429-567	• TUBE ASSY, AFT ACTUATOR RH	1	35	
- 39	MS21907D6	• ELBOW	1	35	
	AN924-6D	• NUT	1	35	
	AN960916L	• WASHER	1	35	
- 40	666320-6-0166	• HOSE ASSY, <00624> 94-80509-003	1	35	38
		REPLACED BY SUITABLE SUB 124221-600166			
	124221-600166	• HOSE ASSY, <98441> SPEC 8-08538-41	1	39	
		REPLACES SUITABLE SUB FOR 666320-6-0166			
- 41	MS21902D6	• UNION	1	35	
	AN6290-6	• GASKET	1	35	
- 42	666035-6-0200	• HOSE ASSY, <00624> 94-80522-113	1	35	38
		REPLACED BY SUITABLE SUB 124223-600200			
	124223-600200	• HOSE ASSY, <98441> SPEC 8-08538-35	1	39	
		REPLACES SUITABLE SUB FOR 666035-6-0200			
- 43	MS21916D8-6	• REDUCER	1	35	
	AN6290-8	• GASKET	1	35	
A AIRPLANES #35 THRU 47, 49 AND ON					

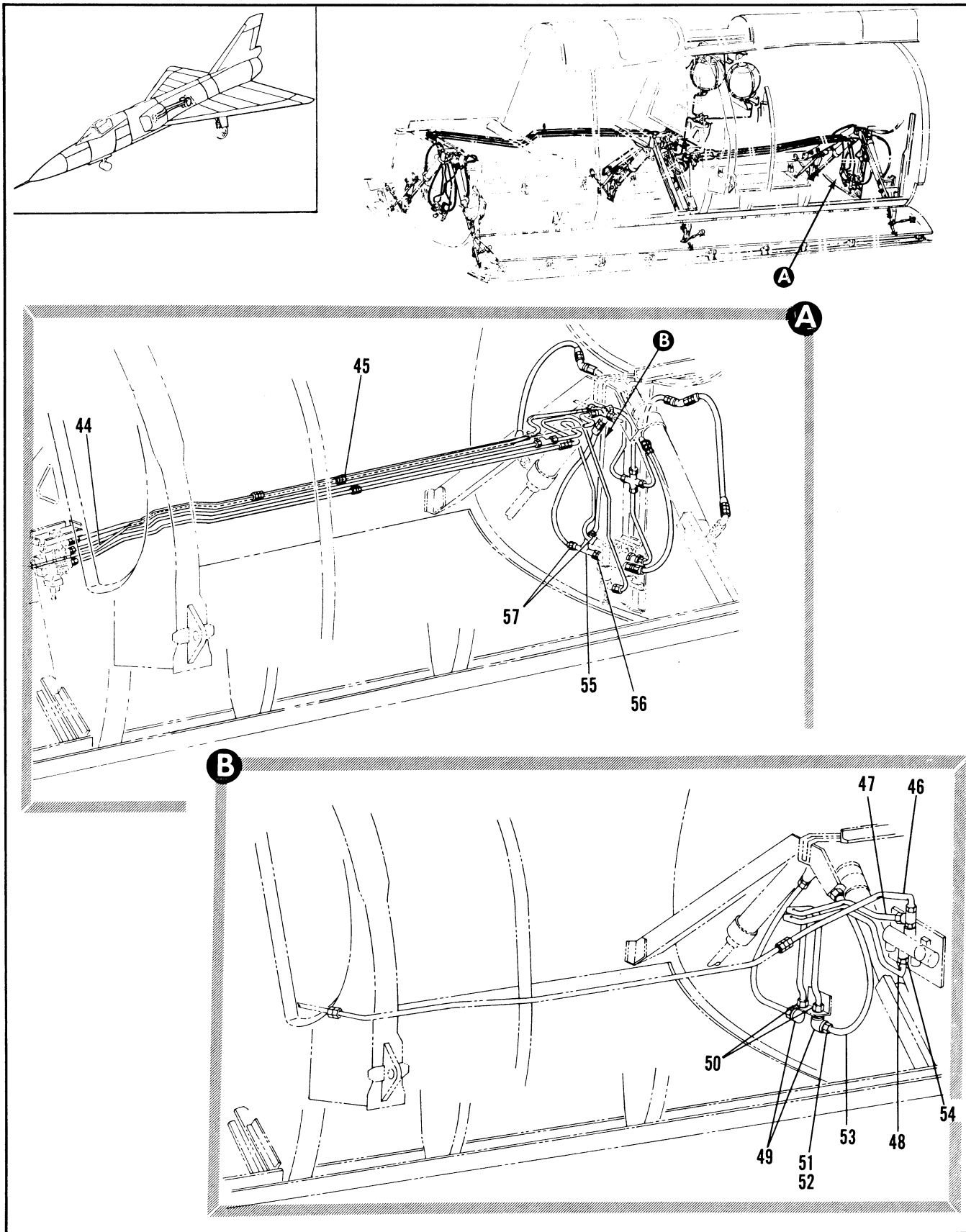


Figure 2.9-30. High Pressure Pneumatic Armament Door Aft Actuator Tubing Installation (Sheet 3 of 3)



FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.9-30- 44	67A34045-5	• TUBE ASSY (SEE FIG. 2.9-29 IND 60)	REF		
- 45	MS21902D6	• UNION	1		
- 46	7144900-01	• TUBE ASSY	1		
- 47	7144899-01	• TUBE ASSY	1		
- 48	7144898-01	• TUBE ASSY	1		
- 49	MS21908-06	• ELBOW	2		
- 50	AN924-6D	• NUT	2		
- 51	MS21902D6	• UNION	2		
- 52	MS28778-6	• PACKING	2		
- 53	124223-6D0145	• HOSE ASSY, <98441>	2		
- 54	MS21902D6	• UNION	1		
	MS28778-6	• PACKING	1		
- 55	MS21912D6	• TEE	1		
- 56	MS2439D121	• REDUCER	1		
- 57	AN924-6D	• NUT	1		
	MS28778-6	• PACKING	2		

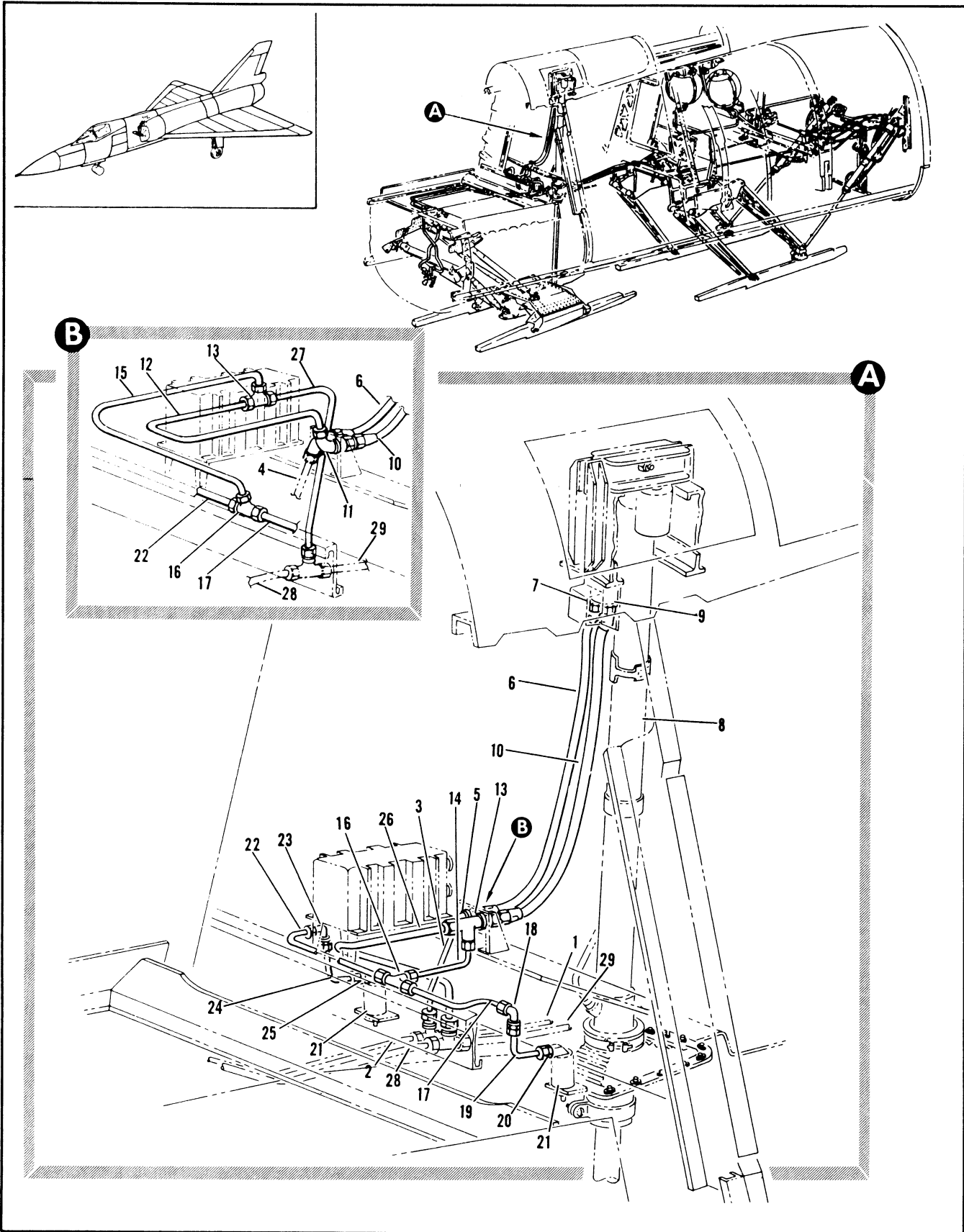


Figure 2.9-31. High Pressure Pneumatic Forward Armament Displacement Tubing Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.9-31	8-80429	TUBING INSTALLATION, HIGH PRESSURE PNEUMATIC FWD ARMAMENT DISPLACEMENT	1	35	
- 1		• TUBE ASSY, FWD SELECTOR VALVE SEE FIG. 2.9-28 INDEX 42	RF		
- 2		• TUBE ASSY, FWD SELECTOR VALVE SEE FIG. 2.9-29 INDEX 46	RF		
- 3	8-80429-515	• TUBE ASSY, FWD ARMAMENT DISPLACEMENT	1	35	60
- 4		• TUBE ASSY, ARMAMENT GEAR LOCK SEE FIG. 2.9-32 INDEX 2	RF		
- 5	MS21907D4	• ELBOW	1	48	48
	MS21908D4	• ELBOW	1	A	
	AN924-4D	• NUT	1	35	
	AN960D716L	• WASHER	1	35	
- 6	666320-4-C215	• HOSE ASSY, <00624> 94-80509-005 REPLACED BY SUITABLE SUB 124221-4D0215	1	35	38
	124221-4D0215	• HOSE ASSY, <98441> SPEC 08538-43 REPLACES SUITABLE SUB FOR 666320-4-0215	1	39	
- 7	21243-4-10	• FILTER, INLINE (REPLACES MS21902 UNION)	1	B	
	AN6290-4	• GASKET	1	35	
- 8		• ACTUATOR ASSY, FWD ARMAMENT DISPLACEMENT SEE FIG. 2.20-23 INDEX 55	RF		
- 9	MS21902D6	• UNION	1	35	
	AN6290-6	• GASKET	1	35	
- 10	666320-6-C225	• HOSE ASSY, <00624> 94-80509-004 REPLACED BY SUITABLE SUB 124221-6CR0226	1	35	38
	124221-6CR0226	• HOSE ASSY, <98441> SPEC 8-08538-45 REPLACES SUITABLE SUB FOR 666320-6-0225	1	39	
- 11	MS21907D6	• ELBOW	1	90	
	AN924-6D	• NUT	1	90	
	AN960D916	• WASHER	1	90	
- 12	8-80429-1325	• TUBE ASSY, FWD ARMAMENT DISPLACEMENT	1	90	
- 13	ER804D060804	• TEE, <92003> 98-90319-004	1	35	
	AN924-6D	• NUT	1	35	
	AN960D916L	• WASHER	1	35	
- 14	8-80429-517	• TUBE ASSY, FWD ARMAMENT DISPLACEMENT	1	35	89
- 15	8-80429-1321	• TUBE ASSY, FWD ARMAMENT DISPLACEMENT	1	90	
- 16	MS21905D4	• TEE	1	35	
- 17	8-80429-519	• TUBE ASSY, FWD SNUBBER LH	1	35	
- 18	MS21908D4	• ELBOW	1	35	
	AN924-4D	• NUT	1	35	
	AN960D716L	• WASHER	1	35	
- 19	8-80429-527	• TUBE ASSY, FWD SNUBBER LH	1	35	
- 20	MS21902D4	• UNION	1	35	
	AN6290-4	• GASKET	1	35	
- 21		• SNUBBER, FWD ARMAMENT RETRACT SEE FIG. 2.20-23 INDEX 49	RF		
- 22	8-80429-521	• TUBE ASSY, FWD SNUBBER RH	1	35	
- 23	MS21908D4	• ELBOW	1	35	
	AN924-4D	• NUT	1	35	
	AN960D716L	• WASHER	1	35	
- 24	8-80429-525	• TUBE ASSY, FWD SNUBBER RH	1	35	
- 25	MS21902D4	• UNION	1	35	
	AN6290-4	• GASKET	1	35	
- 26	8-80429-543	• TUBE ASSY, FWD ARMAMENT DISPLACEMENT	1	35	89
- 27	8-80429-1323	• TUBE ASSY, FWD ARMAMENT DISPLACEMENT	1	90	
- 28		• TUBE ASSY, EMERGENCY COCKPIT PRESSURIZATION SEE FIG. 2.9-11 INDEX 31	RF		
- 29		• TUBE ASSY, EMERGENCY COCKPIT PRESSURIZATION SEE FIG. 2.9-11 INDEX 34	RF		
A AIRPLANES #35 THRU 47, 49 AND ON					

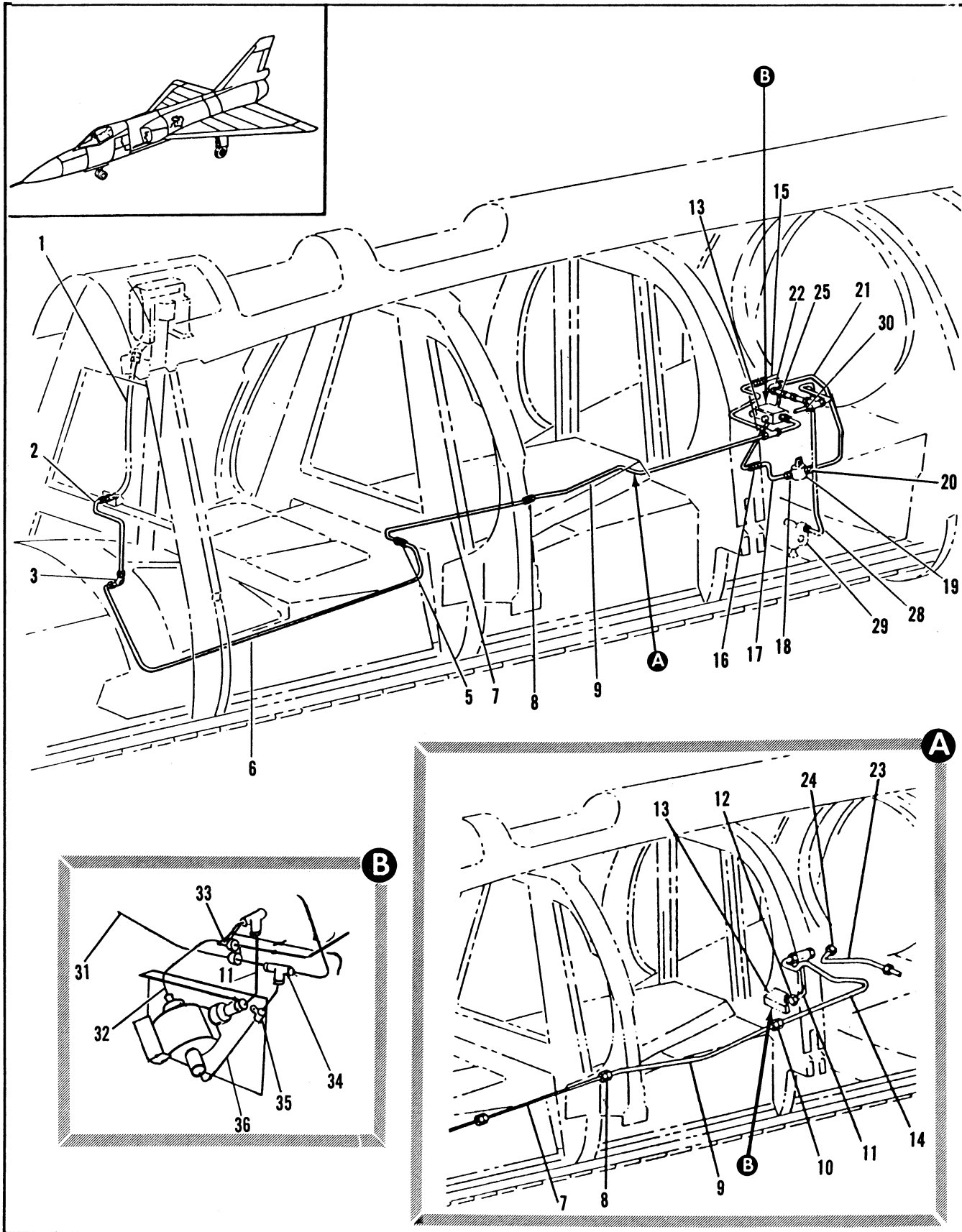


Figure 2.9-32. High Pressure Pneumatic Armament Gear Lock Tubing Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.9-32	8-80429	TUBING INSTALLATION, HIGH PRESSURE PNEUMATIC ARMAMENT GEAR LOCK	1	61	
- 1		• HOSE ASSY, SEE FIG. 2.9-31 INDEX 6	RF		
- 2	8-80429-1221	• TUBE ASSY, ARMAMENT GEAR LOCK	1	A	
- 3	MS21908D4	• ELBOW (96906)	1	A	
	AN924-4D	• NUT (88044)	1	A	
	AN960PD716	• WASHER (88044)	2	A	
- 4	8-80429-1389	• TUBE ASSY, ARMAMENT GEAR LOCK BY T.C.T.C. 1F-106A-549)	1	35	
- 5	MS21902D4	• UNION (96906)	3	A	
- 6	66A36345-1	• TUBE ASSY, ARMAMENT GEAR LOCK (98750)			
- 7	7144905-01	• TUBE ASSY, ARMAMENT GEAR LOCK (98750)	1		
- 8	MS21902D4	• UNION (96906)	1		
- 9	7144884-01	• TUBE ASSY, ARMAMENT GEAR LOCK (98750)	1		
- 10	MS21902D4	• UNION (96906)	1		
- 11	7144885-01	• TUBE ASSY, ARMAMENT GEAR LOCK (98750)	1		
- 12	MS21902D4	• UNION (96906)	1		
- 13	MS28778-4	• PACKING (96906)	1		
		• VALVE ASSY, SOLENOID OPERATED SELECTOR SEE FIG. 2.20-1 INDEX 10	RF		
- 14	7144883-01	• TUBE ASSY, ARMAMENT GEAR LOCK (98750)	1		
- 15	7144804-C1	• TUBE ASSY, ARMAMENT GEAR LOCK (98750)	1		
- 16	MS21902D4	• UNION (96906)	1	A	
- 17	8-80429-1249	• TUBE ASSY, ARMAMENT GEAR LOCK	1	A	
- 18	MS21916D4-3	• REDUCER (96906)	1	A	
	AN6290-3	• GASKET (88044)	1	A	
- 19		• VALVE, ARMAMENT GEAR LOCK MANUAL SEE FIG. 2.20-1 INDEX 16	RF		
- 20	MS21902D4	• UNION (96906)	1	A	
	AN6290-4	• GASKET (88044)	1	A	
- 21	8-80429-1245	• TUBE ASSY, ARMAMENT GEAR LOCK	1	A	
- 22	MS21907D4	• ELBOW (96906)	1	A	
	AN924-4D	• NUT (88044)	1	A	
	AN960PD716	• WASHER (88044)	1	A	
- 23	7144882-01	• TUBE ASSY, ARMAMENT GEAR LOCK (98750)	1		
- 24	AN924-4D	• NUT (88044)	1		
	MS21924D4	• UNION (96906)	1		
- 25	PR7448-7	• RESTRICTOR, <91207> SPEC 8-00428-7	1	A	
- 26		• TUBE ASSY, AFT SELECTOR VALVE SEE FIG. 2.9-30 INDEX 28	RF		
- 27		• VALVE ASSY, PNEUMATIC SELECTOR AFT SEE FIG. 2.20-1 INDEX 4	RF		
- 28		• TUBE ASSY, AFT SELECTOR VALVE SEE FIG. 2.9-30 INDEX 27	RF		
- 29	7144871-01	• TUBE ASSEMBLY (98750)	1		
	MS21122-3	• CLAMP (96906)	2		
	NAS1403-2	• SCREW (80205)	1		
- 30	7144886-01	• TUBE ASSEMBLY (98750)	1		
	MS21916D8-4	• REDUCER (96906)	1		
	MS28778-8	• PACKING (96906)	1		
	MS21122-4	• CLAMP (96906)	3		
	NAS1403-3	• SCREW (80205)	3		
- 31	7144871-01	• TUBE ASSEMBLY (98750)	1		
	MS21122-3	• CLAMP (96906)	1		
	NAS1403-2	• SCREW (80205)	1		
- 32	71448861-01	• TUBE ASSEMBLY (98750)	1		
	MS21916D8-4	• REDUCER (96906)	1		
	MS28778-8	• PACKING (96906)	1		
	MS21122-4	• CLAMP (96906)	1		
	NAS1403-3	• SCREW (80205)	1		
- 33	MS21912D-4	• UNION (96906)	1		
	AN924-4D	• NUT (88044)	1		
	AN960D-716	• WASHER (88044)	1		
- 34	MS21905D3	• TEE (96906)	1		
- 35	MS21122-3	• CLAMP (96906)	1		
- 36	7144872-01	• TUBE ASSEMBLY (98750)	1		
	MS21916D8-3	• REDUCER (96906)	1		
	MS28778-8	• PACKING (96906)	1		
		A AIRPLANES #35 THRU 47, 49 AND ON			
		B AIRPLANES #35 THRU 47, 49 THRU 60			
		C AIRPLANES #35 THRU 47, 49 THRU 89			

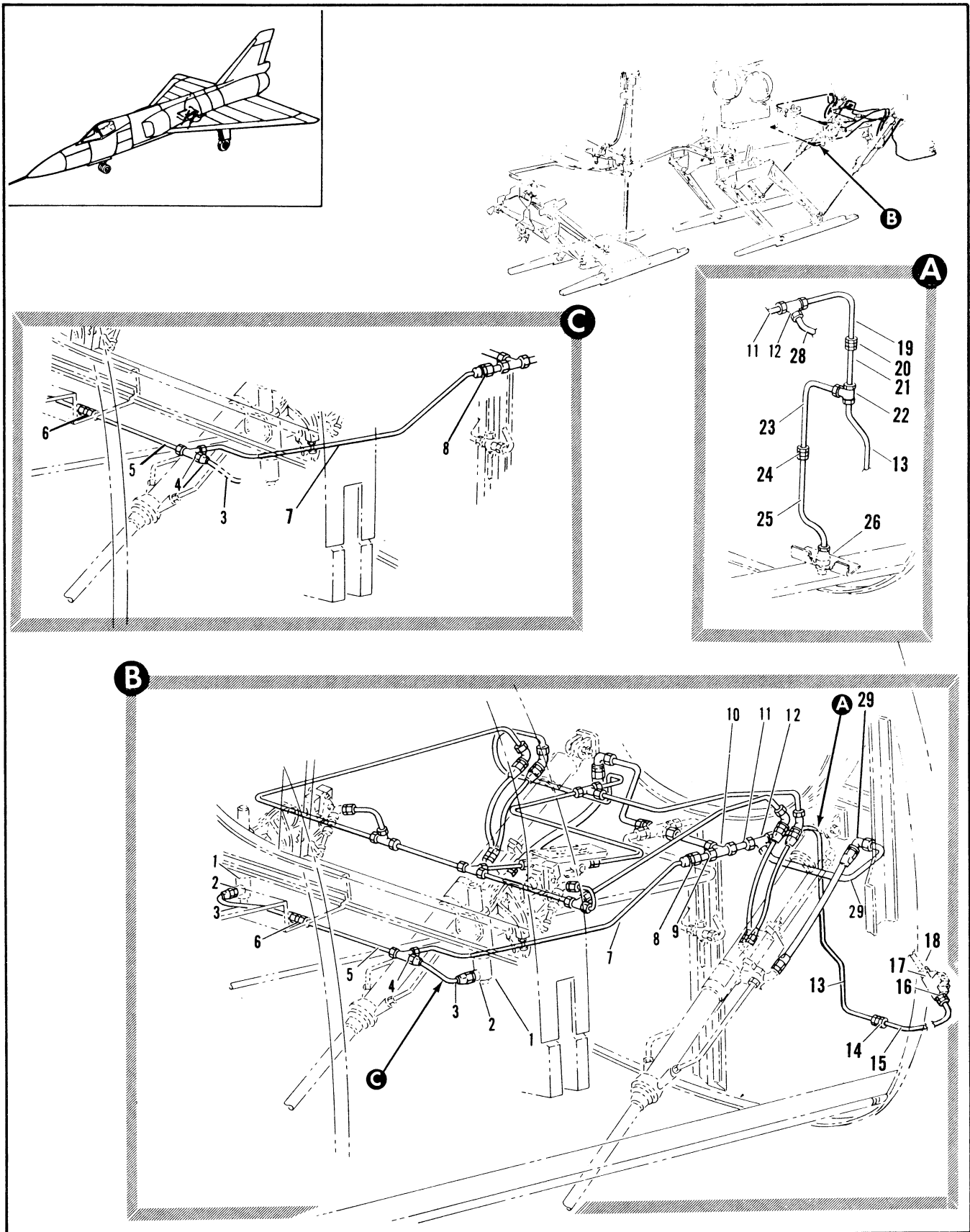


Figure 2.9-33. High Pressure Pneumatic Aft Armament Displacement Tubing Installation (Sheet 1 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.9-33	8-80429	• TUBING INSTALLATION, HIGH PRESSURE • PNEUMATIC AFT ARMAMENT DISPLACEMENT • SNUBBER, AFT ARMAMENT RETRACT SEE FIG. 2.20-33 INDEX 1	1	35	
- 1			RF		
- 2	MS21902D4	• UNION	2	35	
	AN6290-4	• GASKET	2	35	
- 3	666319-4-0076	• HOSE ASSY <00624> 94-80510-004 REPLACED BY SUITABLE SUB 124222-4D0076	2	35	38
	124222-4D0076	• HOSE ASSY, <98441> SPEC 8-08538-37 REPLACES SUITABLE SUB FOR 666319-4-0076	2	39	
- 4	MS21905D4	• TEE	1	35	
- 5	8-80429-595	• TUBE ASSY, SNUBBER RH	1	35	40
	7144889-01	• TUBE ASSY, SNUBBER RH	1		
- 6	MS21902D4	• UNION	1	35	
	AN6290-4	• GASKET	1	35	
- 7	8-80429-1029	• TUBE ASSY, SNUBBER	1	35	40
	7144888-01	• TUBE ASSY, SNUBBER	1		
- 8	MS21916D6-4	• REDUCER	1	35	
- 9	8-80429-453	• TUBE ASSY, SNUBBER	1	35	
- 10	MS21905D6	• TEE	1	35	
- 11	8-80429-447	• TUBE ASSY, AFT ACTUATOR LH	1	35	
- 12	MS21912D6		1	35	
	AN924-6D	• NUT	1	35	
	AN960D916L	• WASHER	1	35	
- 13	8-80429-401	• TUBE ASSY, MANUAL SAFETY VALVE	1	35	
- 14	MS21902D4	• UNION	1	35	60
- 15	8-80429-403	• TUBE ASSY, MANUAL SAFETY VALVE	1	35	
	8-80429-1253	• TUBE ASSY, MANUAL SAFETY VALVE	1	61	
- 16	MS21902D4	• UNION	1	35	
	AN6290-4	• GASKET	1	35	
- 17		• VALVE ASSY, MANUAL SAFETY SEE FIG. 2.20-1 INDEX 40	RF		
- 18		• TUBE ASSY, ARMAMENT BAY DOOR AFT VALVE SEE FIG. 2.9-27 INDEX 25	RF		
- 19	8-82403-109	• TUBE ASSY, HYDRAULIC BOOST	1	A	
- 20	MS21916D4-3	• REDUCER	1	A	
- 21	8-82403-119	• TUBE ASSY, HYDRAULIC BOOST	1	A	
- 22	MS21905D4	• TEE	1	A	
- 23	8-82403-117	• TUBE ASSY, HYDRAULIC BOOST	1	A	
- 24	MS21916D4-3	• REDUCER	1	A	
- 25	8-82403-123	• TUBE ASSY, HYDRAULIC BOOST	1	A	
- 26		• VALVE, PNEUMATIC HIGH PRESSURE CHECK SEE FIG. 2.8-6 INDEX 11	RF		
- 27	8-80429-1005		1	35	
- 28	8-80429-1005	• TUBE ASSY, AFT ACTUATOR LH	1	35	
- 29	MS21908D6	• ELPOW	1	35	
	AN924-6D	• NUT	1	35	
	AN960D916L	• WASHER	1	35	
		A AIRPLANES #287, 288, 291, 295 THRU 297, 299, AND 302			
		B AIRPLANES #35 THRU 92, 94 THRU 286, 289, 290, 292 THRU 294, 298, 300, 301, 303 AND ON			

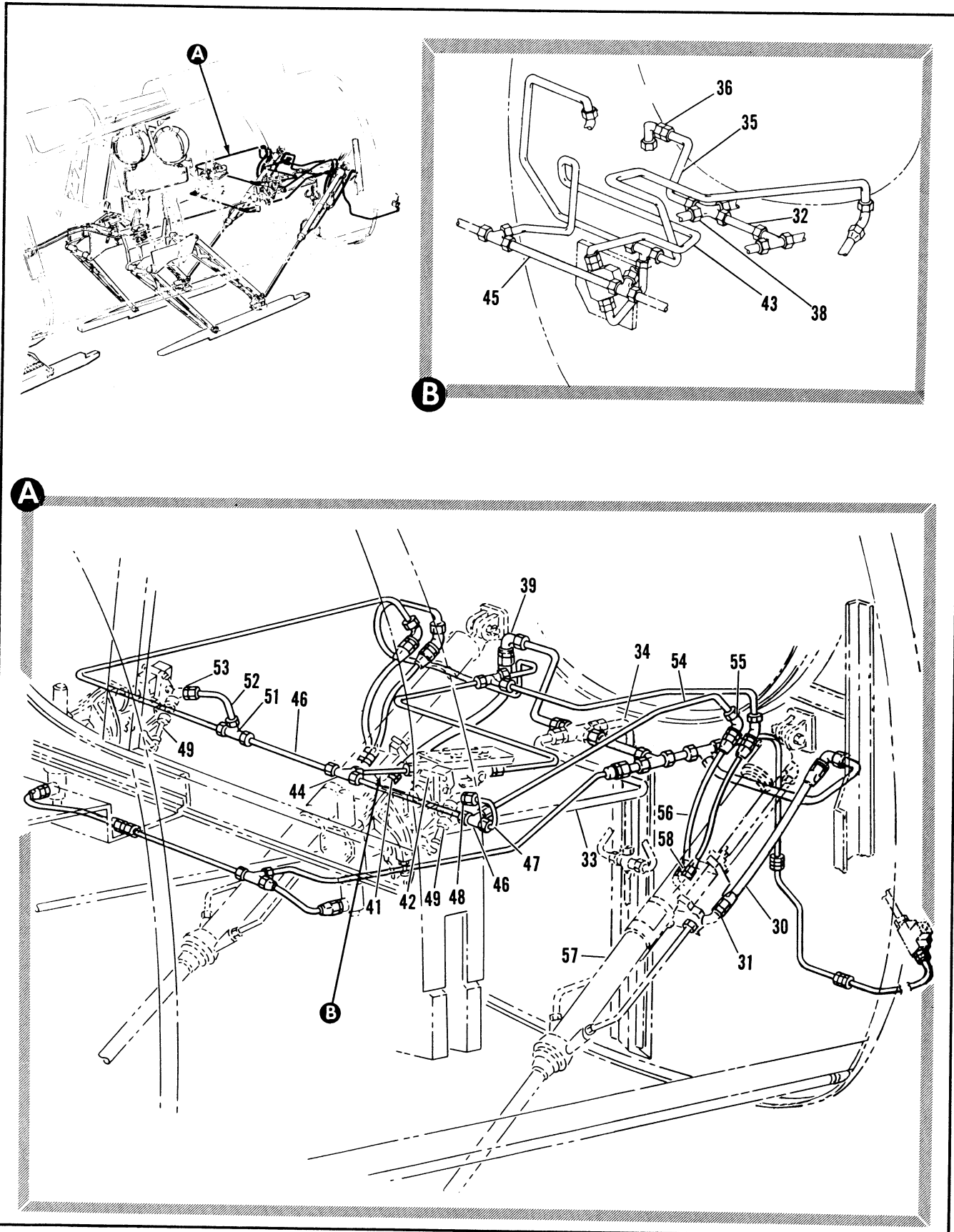


Figure 2.9-33. High Pressure Pneumatic Aft Armament Displacement Tubing Installation (Sheet 2 of 3)



FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.9-33	8-80429	• TUBING INSTALLATION, HIGH PRESSURE • PNEUMATIC AFT ARMAMENT DISPLACEMENT • SNUBBER, AFT ARMAMENT RETRACT SEE FIG. 2.20-33 INDEX 1	1	35	
- 1			RF		
- 2	MS21902D4	• UNION	2	35	
	AN6290-4	• GASKET	2	35	
- 3	666319-4-0076	• HOSE ASSY <00624> 94-80510-004 REPLACED BY SUITABLE SUB 124222-400076	2	35	38
	124222-400076	• HOSE ASSY, <98441> SPEC 8-08538-37 REPLACES SUITABLE SUB FOR 666319-4-0076	2	39	
- 4	MS21905D4	• TEE	1	35	
- 5	8-80429-595	• TUBE ASSY, SNUBBER RH	1	35	40
	7144889-01	• TUBE ASSY, SNUBBER RH	1		
- 6	MS21902D4	• UNION	1	35	
	AN6290-4	• GASKET	1	35	
- 7	8-80429-1029	• TUBE ASSY, SNUBBER	1	35	40
	7144888-01	• TUBE ASSY, SNUBBER	1		
- 8	MS21916D6-4	• REDUCER	1	35	
- 9	8-80429-453	• TUBE ASSY, SNUBBER	1	35	
- 10	MS21905D6	• TEE	1	35	
- 11	8-80429-447	• TUBE ASSY, AFT ACTUATOR LH	1	35	
- 12	MS21912D6		1	35	
	AN924-6D	• NUT	1	35	
	AN960D916L	• WASHER	1	35	
- 13	8-80429-431	• TUBE ASSY, MANUAL SAFETY VALVE	1	35	
- 14	MS21902D4	• UNION	1	35	60
- 15	8-80429-403	• TUBE ASSY, MANUAL SAFETY VALVE	1	35	
	8-80429-1253	• TUBE ASSY, MANUAL SAFETY VALVE	1	61	
- 16	MS21902D4	• UNION	1	35	
	AN6290-4	• GASKET	1	35	
- 17		• VALVE ASSY, MANUAL SAFETY SEE FIG. 2.20-1 INDEX 40	RF		
- 18		• TUBE ASSY, ARMAMENT BAY DOOR AFT VALVE SEE FIG. 2.9-27 INDEX 25	RF		
- 19	8-82403-109	• TUBE ASSY, HYDRAULIC BOOST	1	A	
- 20	MS21916D4-3	• REDUCER	1	A	
- 21	8-82403-119	• TUBE ASSY, HYDRAULIC BOOST	1	A	
- 22	MS21905D4	• TEE	1	A	
- 23	8-82403-117	• TUBE ASSY, HYDRAULIC BOOST	1	A	
- 24	MS21916D4-3	• REDUCER	1	A	
- 25	8-82403-123	• TUBE ASSY, HYDRAULIC BOOST	1	A	
- 26		• VALVE, PNEUMATIC HIGH PRESSURE CHECK SEE FIG. 2.8-6 INDEX 11	RF		
- 27	8-80429-1005		1	35	
- 28	8-80429-1005	• TUBE ASSY, AFT ACTUATOR LH	1	35	
- 29	MS21908D6	• ELPOW	1	35	
	AN924-6D	• NUT	1	35	
	AN960D916L	• WASHER	1	35	
		A AIRPLANES #287, 288, 291, 295 THRU 297, 299, AND 302			
		B AIRPLANES #35 THRU 92, 94 THRU 286, 289, 290, 292 THRU 294, 298, 300, 301, 303 AND ON			

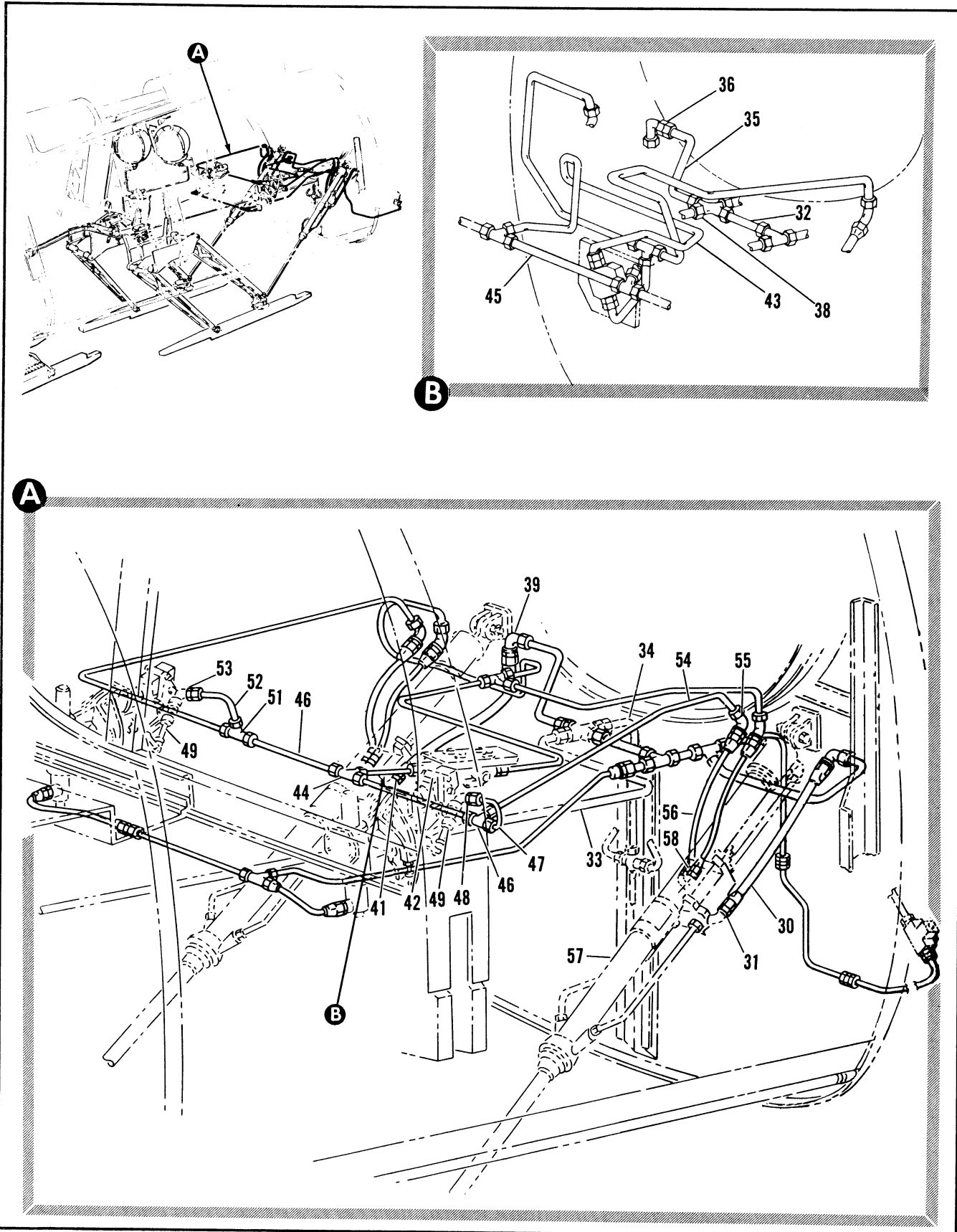


Figure 2.9-33. High Pressure Pneumatic Aft Armament Displacement Tubing Installation (Sheet 2 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.9-33- 30	666035-6-0134	• HOSE ASSY, <00624> 94-80522-061 REPLACED BY SUITABLE SUB 124223-600134	1	35	38
	124223-600134	• HOSE ASSY, <98441> SPEC 8-08538-25 REPLACES SUITABLE SUB FOR 666035-6-0134	1	39	
- 31	MS2190206	• UNION	1	35	
	AN6290-6	• GASKET	1	35	
- 32	7144890-01	• TUBE ASSY, AFT ACTUATOR	1		
- 33		• TUBE ASSY, AFT SELECTOR VALVE SEE FIG. 2.9-30 INDEX 3	RF		
- 34		• TUBE ASSY, AFT SELECTOR VALVE SEE FIG. 2.9-30 INDEX 9	RF		
- 35	7144891-01	• TUBE ASSY, AFT ACTUATOR	1		
- 36	MS2190206	• UNION	1		
	MS28778-6	• PACKING	1		
- 37	MS2191608-6	• REDUCER	1		
	MS28778-8	• PACKING	1		
- 38	AN93708	• CROSS	1		
- 39	MS2190806	• ELBOW	1	35	
	AN924-6D	• NUT	1	35	
	AN9600916L	• WASHER	1	35	
- 40	666035-6-0134	• HOSE ASSY, <00624> 94-80522-061 REPLACED BY SUITABLE SUB 124223-600134	1	35	38
	124223-600134	• HOSE ASSY, <98441> SPEC 8-08538-25 REPLACES SUITABLE SUB FOR 666035-6-0134	1	39	
- 41	MS2190206	• UNION	1	35	
	AN6290-6	• GASKET	1	35	
- 42		• VALVE ASSY, HIGH PRESS PNEUMATIC SOLENOID OPERATED ARMAMENT SELECTOR SEE FIG. 2.20-1 INDEX 7	RF		
- 43	7144886-01	• TUBE ASSY, AFT SELECTOR VALVE	1		
- 44	MS2190504	• TEE	1	35	
- 45	7144887-01	• TUBE ASSY, AFT SELECTOR VALVE	1		
- 46	MS2190504	• TEE	1	35	
- 47	8-80429-1023	• TUBE ASSY, UP-LATCH LH	1	35	
- 48	MS2190204	• UNION	1	35	
	AN6290-4	• GASKET	1	35	
- 49		• ACTUATOR ASSY, UP-LATCH SEE FIG. 2.20-33 INDEX 53	RF		
- 50	8-80429-1017	• TUBE ASSY, AFT SELECTOR VALVE	1	35	
- 51	MS2190504	• TEE	1	35	
- 52	8-80429-1027	• TUBE ASSY, UP-LATCH RH	1	35	
- 53	MS2190204	• UNION	1	35	
	AN6290-4	• GASKET	1	35	
- 54	8-80429-1025	• TUBE ASSY, AFT ACTUATOR LH	1	35	
- 55	MS2190804	• ELBOW	1	35	
	AN924-4D	• NUT	1	35	
	AN9600916L	• WASHER	1	35	
- 56	666035-4-0120	• HOSE ASSY, <00624> 94-80521-049 REPLACED BY SUITABLE SUB 124223-400120	1	35	38
	124223-400120	• HOSE ASSY, <98441> SPEC 8-08538-21 REPLACES SUITABLE SUB FOR 666035-4-0120	1	39	
- 57		• ACTUATOR ASSY, AFT DISPLACEMENT GEAR SEE FIG. 2.20-31 INDEX 97	RF		
- 58	MS2190203	• UNION	1	35	
	AN6290-3	• GASKET	1	35	

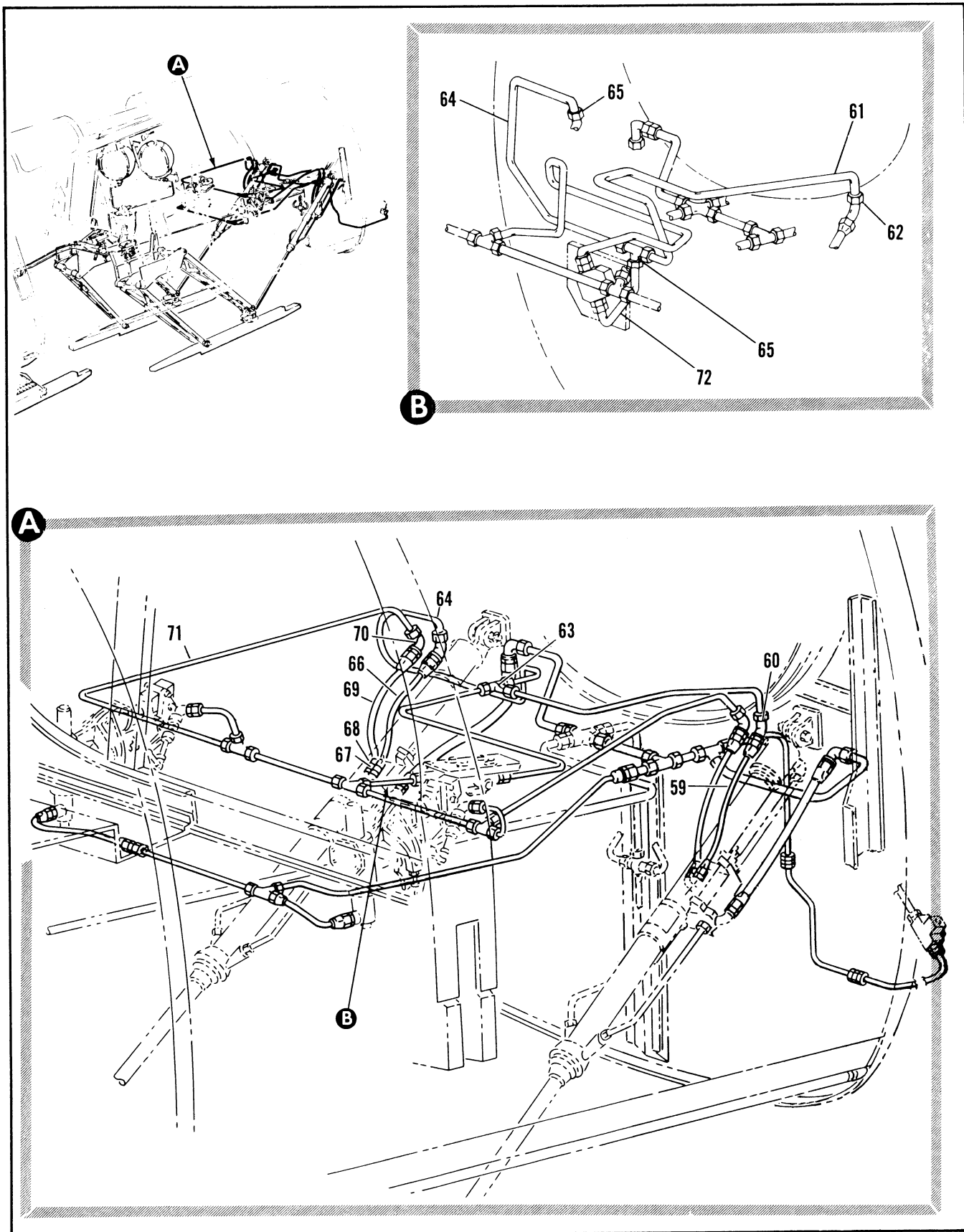


Figure 2.9-33. High Pressure Pneumatic Aft Armament Displacement Tubing Installation (Sheet 3 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.9-33- 59	666035-3-0120	• HOSE <00624> 94-80520-049 REPLACED BY SUITABLE SUB 124223-300120	1	35	38
	124223-300120	• HOSE ASSY, <98441> SPEC 8-08538-19 REPLACES SUITABLE SUB FOR 666035-3-0120	1	39	
- 60	MS21907D3	• ELBOW	1	35	
	AN924-3D	• NUT	1	35	
	AN9600616	• WASHER	1	35	
- 61	7144873-01	• TUBE ASSY, AFT ACTUATOR LH	1		
- 62	MS21902D3	• UNION	1		
	MS28778-3	• PACKING	1		
- 63	MS21905D3	• TEE	1	35	
- 64	7144871-01	• TUBE ASSY, AFT ACUTATOR RH	1		
- 65	MS21905D3	• TEE	1		
- 66	666035-3-0120	• HOSE ASSY, <00624> 94-80520-049 REPLACED BY SUITABLE SUB 124223-300120	1	35	38
	124223-300120	• HOSE ASSY, <98441> SPEC 8-08538-19 REPLACES SUITABLE SUB FOR 666035-3-0120	1	39	
- 67	MS21902D3	• UNION	1	35	
	AN6290-3	• GASKET	1	35	
- 68	MS21902D4	• UNION	1	35	
	AN6290-4	• GASKET	1	35	
- 69	666035-4-0120	• HOSE ASSY, <00624> 94-80521-049 REPLACED BY SUITABLE SUB 124223-400120	1	35	38
	124223-400120	• HOSE ASSY, <98441> SPEC 8-08538-21 REPLACES SUITABLE SUB FOR 666035-4-0120	1	39	
- 70	MS21908D4	• ELBOW	1	35	
	AN924-4D	• NUT	1	35	
	AN9600716L	• WASHER	1	55	
- 71	8-80429-1015	• TUBE ASSY, AFT ACTUATOR RH	1	35	
- 72	7144872-01	• TUBE ASSY, AFT SELECTOR VALVE	1		

