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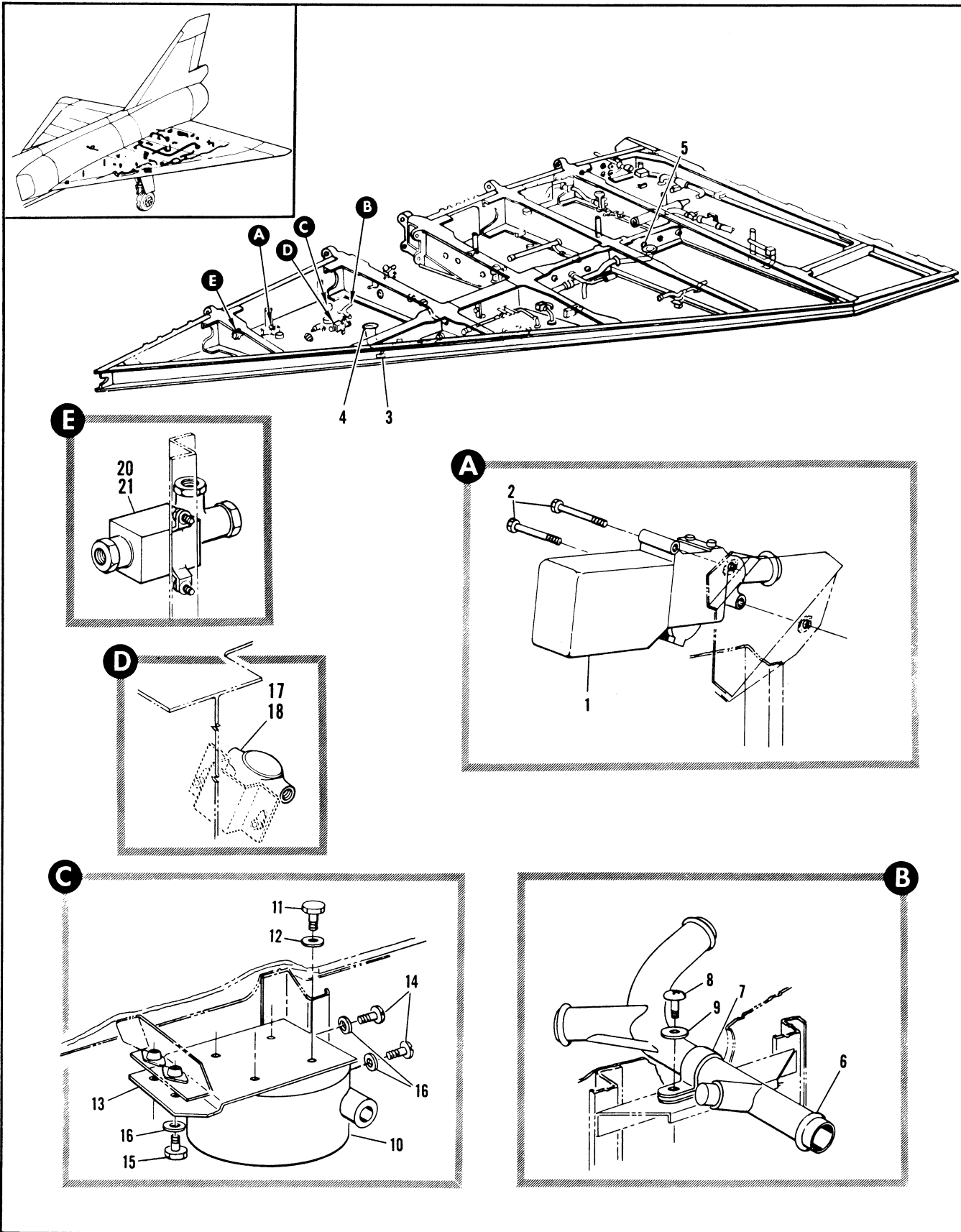


Figure 2.12-1. Wing Fuel System (Sheet 1 of 8)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-1	8-21188-1	WING FUEL SYSTEM • VALVE INSTL, FUEL, TANK #1 PRESSURE RELIEF LH FOR NHA SEE FIG. 2-6-32	RF	35	
	8-21188-2	• VALVE INSTL, FUEL TANK #1 PRESSURE RELIEF RH FOR NHA SEE FIG. 2-6-32	RF	35	
- 1	14-356-51	• • VALVE ASSY, PRESSURE RELIEF TANK #1 <82267> SPEC 8-00394-1 T.O. 6J15-8-63-13 REPLACED BY INTCHG WITH 14-356-101 ATTACHING PARTS	1	35	
- 2	NAS3-27A	• • BOLT -----X-----	2	35	
- 3		• VALVE INSTL, TANK #1 SUCTION RELIEF LH SEE FIG. 2.12-23	RF		
- 4		• TUBING INSTL, FUEL FLOW WING LH SEE FIG. 2.12-14	RF		
- 5		• FITTING INSTL, WING BULKHEAD FUEL TUBING LH SEE FIG. 2.12-66	RF		
	8-21190-1	• TUBING INSTL, TANK #1 VENT LINE LH FOR NHA SEE FIG. 2.6-32	RF	35	
	8-21190-2	• TUBING INSTL, TANK #1 VENT LINE RH FOR NHA SEE FIG. 2.6-32	RF	35	
- 6	8-21189-1	• • TUBE ASSY, TANK #1 TEE VENT LINE LH	1	35	
- 7	8-21189-2	• • TUBE ASSY, TANK #1 TEE VENT LINE RH	1	35	
	91-98026-015	• • CLAMP ATTACHING PARTS	1	35	
- 8	NAS221-9	• • SCREW	1	35	
- 9	AN960D10L	• • WASHER -----X-----	1	35	
	8-21186-1	• VALVE INSTL, TANK #1 REFUEL PILOT LH FOR NHA SEE FIG. 2.6-32	RF	35	
	8-21186-2	• VALVE INSTL, TANK #1 REFUEL PILOT RH FOR NHA SEE FIG. 2.6-32	RF	35	
- 10	16-356-1	• • VALVE ASSY, FUEL TANK PILOT FLOAT (92003) SPEC 8-00904 T.O. 6J15-5-19-3	1	35	
	909555	• • VALVE ASSY, FUEL TANK PILOT FLOAT (92003) SPEC 8-00904 T.O. 6J15-3-75-13 ATTACHING PARTS	1	35	
- 11	AN3H3A	• • BOLT	4	35	
- 12	AN960D10L	• • WASHER -----X-----	4	35	
- 13	8-21186-7	• • BRACKET ASSY, LH RIVETED	1	35	
	8-21186-8	• • BRACKET ASSY, RH RIVETED ATTACHING PARTS	1	35	
- 14	NAS221-8	• • SCREW	2	35	
- 15	AN3-4A	• • BOLT	2	35	
- 16	AN960D10L	• • WASHER -----X-----	4	35	
- 17	104700	• VALVE ASSY, FUEL TANK VENT (96124) SPEC 8-02915 T.O. 6J15-8-35-3 ATTACHING PARTS	1	35	
- 18	AN4-5A	• BOLT -----X-----	2	35	

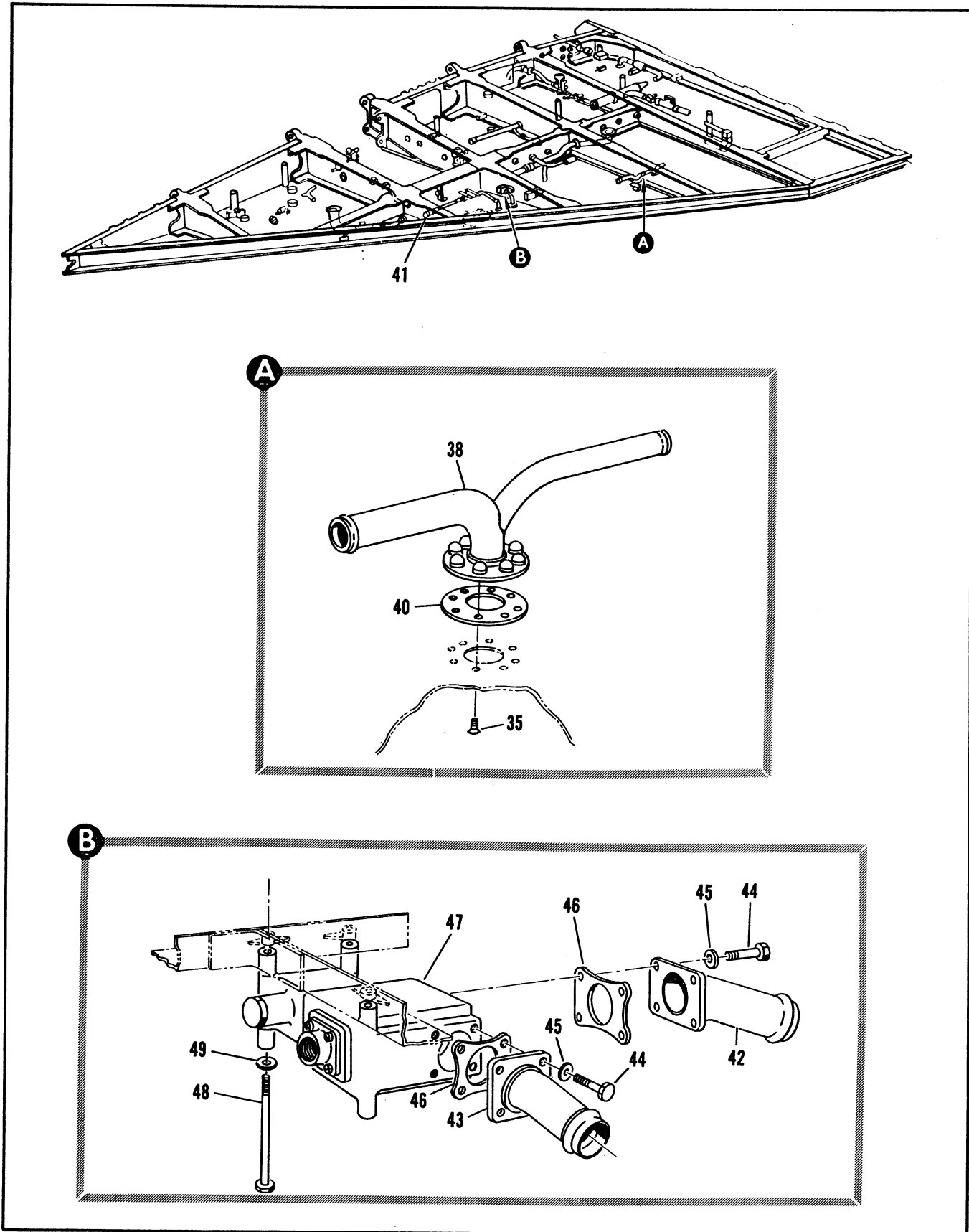


Figure 2.12-1. Wing Fuel System (Sheet 3 of 8)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-1	8-21282-1	• OUTLET INSTL, FUEL TANK VENT LH FOR NHA SEE FIG. 2.6-32	RF	35	
	8-21282-2	• OUTLET INSTL, FUEL TANK VENT RH FOR NHA SEE FIG. 2.6-32	RF	35	
- 38	8-21548-3	• • OUTLET ASSY, FUEL TANK #2 VENT LH WELDED	1	35	
	8-21548-4	• • OUTLET ASSY, FUEL TANK #2 VENT RH WELDED ATTACHING PARTS	1	35	
- 39	NAS334PA10	• • SCREW	8	35	
		-----X-----			
	8-21548-23	• • • TUBE ASSY, LH WELDED	1	35	
	8-21548-24	• • • TUBE ASSY, RH WELDED	1	35	
- 40	075456	• • GASKET, <83259> SPEC 8-02290-1	1	35	
- 41		• VALVE INSTL, EXTERNAL FUEL TANK SHUTOFF AND CHECK SEE FIG. 2.12-13 INDEX 1	RF		
- 42	8-21109	• • TUBE ASSY, EXTERNAL TANK WING VENT OUTLET WELDED	1	35	
- 43	8-21109-3	• • TUBE ASSY, AIR PRESSURE EXTERNAL TANK WELDED ATTACHING PARTS	1	35	
- 44	AN3-2A	• • BOLT	8	35	
- 45	AN960-10	• • WASHER	8	35	
		-----X-----			
- 46	J75356-5	• • GASKET, <83259> SPEC 8-02289-9	2	35	
- 47	PR332-100	• • VALVE ASSY, CHECK AND PRESSURE INDICATOR <84987> SPEC 8-02938-1 T.O. 6J15-8-75-3 ATTACHING PARTS	1	35	
- 48	AN3-27A	• • BOLT	3	35	
- 49	AN960-10	• • WASHER	3	35	
		-----X-----			

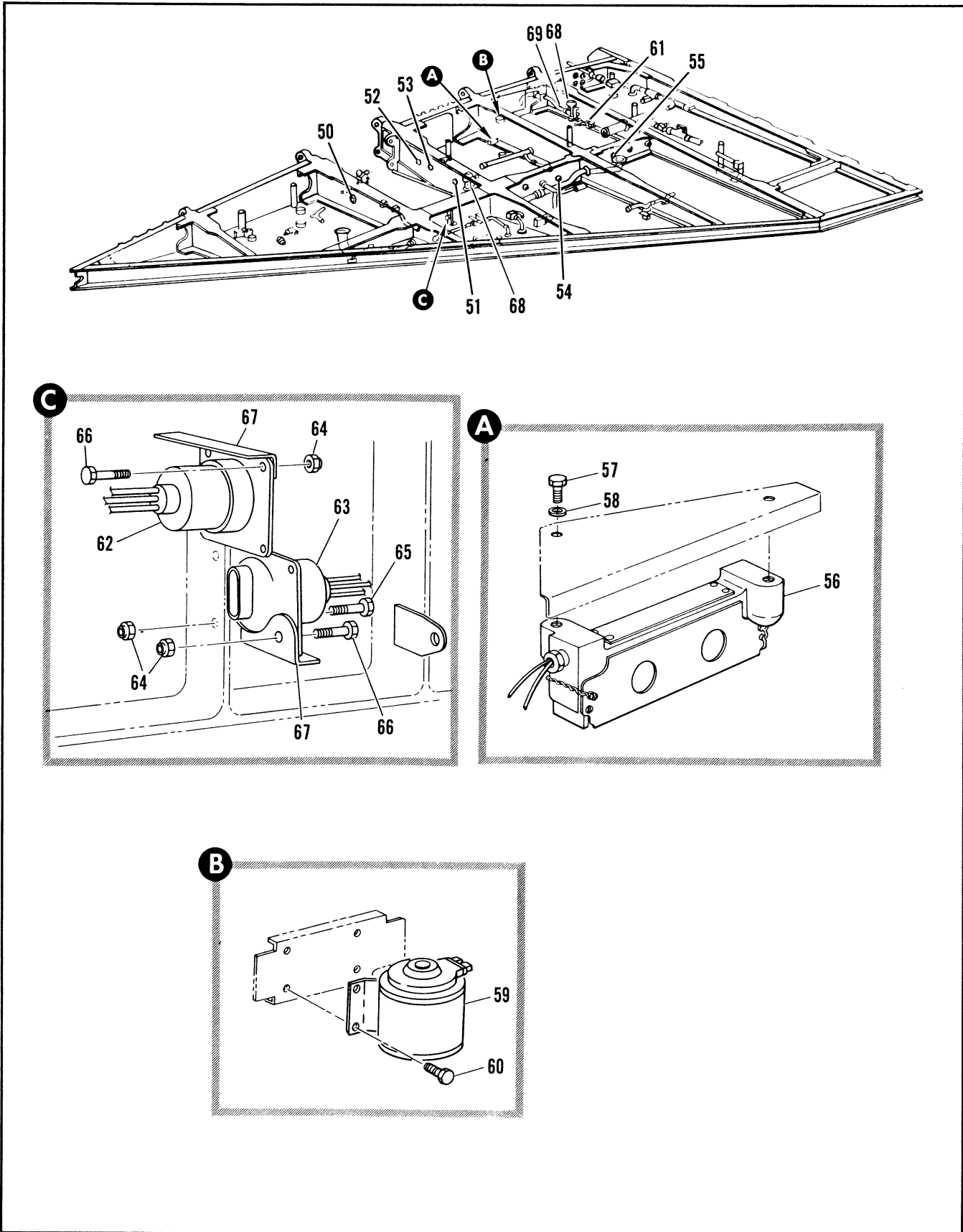


Figure 2.12-1. Wing Fuel System (Sheet 4 of 8)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-1- 50		• RECEPTACLE INSTL, WING FUEL TANK ELECTRICAL STA 431 SEE FIG. 2.12-6	RF		
- 51		• RECEPTACLE INSTL, WING FUEL TANK ELECTRICAL STA 472 BL 52 SEE FIG. 2.12-6	RF		
- 52		• RECEPTACLE INSTL, WING FUEL TANK ELECTRICAL STA 472 BL 59 SEE FIG. 2.12-6	RF		
- 53		• RECEPTACLE INSTL, WING FUEL TANK ELECTRICAL STA 472 BL 66 SEE FIG. 2.12-6	RF		
- 54		• RECEPTACLE INSTL, WING FUEL TANK ELECTRICAL STA 519 SEE FIG. 2.12-6	RF		
- 55		• RECEPTACLE INSTL, WING FUEL TANK ELECTRICAL STA 557 SEE FIG. 2.12-6	RF		
	8-21255-1	• SWITCH INSTL, FUEL LOW LEVEL WARNING LH FOR NHA SEE FIG. 2.6-32	RF	35	
	8-21255-3	• SWITCH INSTL, FUEL LOW LEVEL WARNING FOR NHA SEE FIG. 2.6-32	RF	35	
- 56	F7890	• SWITCH, <53625> 98-62000-001 T.O. 8S1-2-24-23 ATTACHING PARTS	1	35	
- 57	AN3H3A	• BOLT	2	35	
- 58	AN960D10	• WASHER ----X----	2	35	
	8-21389	• COMPENSATOR INSTL, FUEL QUANTITY PROBE LH FOR NHA SEE FIG. 2.6-32	RF	35	
- 59	FG1A18	• COMPENSATOR, <43931> 92-22506-001 T.O. 5L5-2-6-4 ATTACHING PARTS	1	35	
- 60	AN3-3A	• BOLT ----X----	4	35	
- 61		• VALVE INSTL, CG TRANSFER LINE SHUTOFF LH SEE FIG. 2.12-38	PF		
	8-21458-3	• SWITCH INSTL, TANK AND BOOST PUMP LOW PRESSURE WARNING LH FOR NHA SEE FIG. 2.6-32	RF	35	
	8-21458-4	• SWITCH INSTL, TANK AND BOOST PUMP LOW PRESSURE WARNING RH FOR NHA SEE FIG. 2.6-32	RF	35	
- 62	40064-1	• SWITCH ASSY, BOOST PUMP PRESSURE <98505> SPEC 8-02986-7 T.O. 8S2-3-57-73	1	35	
- 63	40065	• SWITCH ASSY, TANK PRESSURE <98505> SPEC 8-02986-3 T.O. 08S2-3-57-73 ATTACHING PARTS	1	35	
- 64	NAS679A3	• NUT, 96-37545-002	6	35	
- 65	AN3-5A	• BOLT	4	35	
- 66	AN3-3A	• BOLT ----X----	2	35	
- 67	8-21275-1	• BRACKET ASSY, LH RIVETED	2	35	
	8-21275-2	• BRACKET ASSY, RH RIVETED	2	35	
	8-22310-1	• PUMP INSTL, FUEL BOOST LH FOR NHA SEE FIG. 2.6-32	RF	35	
	8-22310-2	• PUMP INSTL, FUEL BOOST RH FOR NHA SEE FIG. 2.6-32	PF	35	
- 68	TB129700	• PUMP ASSY, FUEL BOOST <82700> SPEC 8-02975 T.O. 6J10-3-63-4 REPLACED BY SUITABLE SUB TB129700-5	2	35	35
	TB129700-5	• PUMP ASSY, FUEL BOOST <82700> SPEC 8-02975-1 T.O. 6J10-3-63-4 REPLACES SUITABLE SUB FOR TB129700	2	36	
	TB129700-8	• PUMP ASSY, FUEL BOOST <82700> SPEC 8-02975-1 T.O. 6J10-3-63-4 ALT INTCHG WITH TB129700-5 ATTACHING PARTS	2	35	
	AN4-5A	• BOLT ----X----	8	35	
- 69		• TUBING INSTL, ENGINE FUEL SUPPLY WING SEE FIG. 2.12-61	RF		

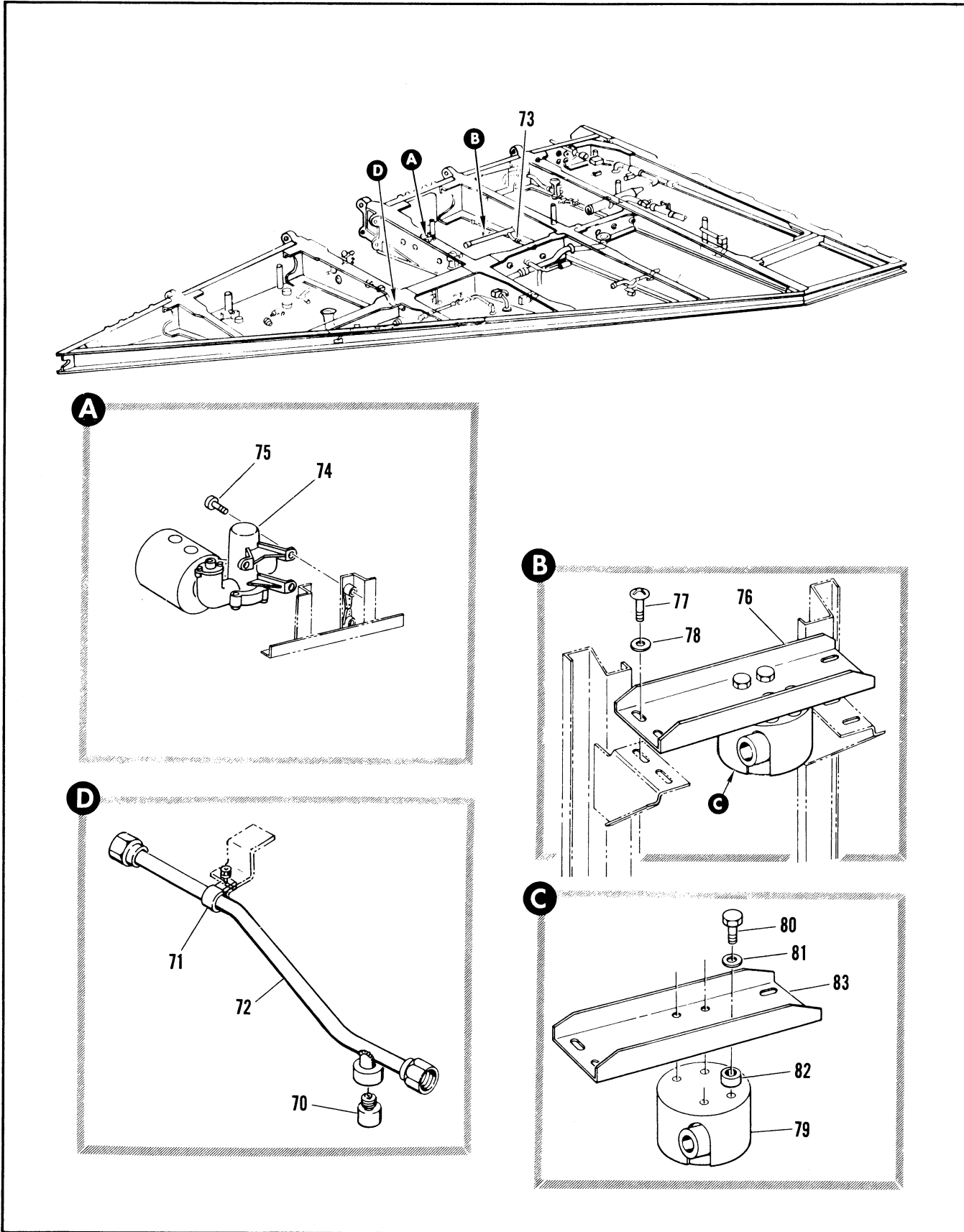


Figure 2.12-1. Wing Fuel System (Sheet 5 of 8)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-1	8-21176-1	• DRAIN INSTL, MLG WHEEL WELL FUEL TUBING LH FOR NHA SEE FIG. 2.6-32	RF	35	
	8-21176-3	• DRAIN INSTL, MLG WHEEL WELL FUEL TUBING RH FOR NHA SEE FIG. 2.6-32	RF	35	
- 70	160B	• • VALVE, <91511> 92-12501-003	1	35	
- 71	91-98026-007	• • CLAMP, LH	1	35	60
	NAS221-9	• • BOLT	1	35	60
	AN960PD10L	• • WASHER	1	35	60
	91-98026-007	• • CLAMP, RH	1	35	
	NAS221-9	• • BOLT	1	35	
	AN960PD10L	• • WASHER	1	35	
- 72	8-21175	• • TUBE ASSY, WELDED	1	35	
- 73		• VALVE INSTL, TANK #3 REFUEL SHUTOFF AND PILOT SEE FIG. 2.12-19	RF		
	8-21527-1	• VALVE INSTL, TANK #3 VENT RELIEF LH FOR NHA SEE FIG. 2.6-32	PF	35	186
	8-21527-5	• VALVE INSTL, TANK #3 VENT RELIEF LH FOR NHA SEE FIG. 2.6-32	RF	187	
	8-21527-3	• VALVE INSTL, TANK #3 VENT RELIEF RH FOR NHA SEE FIG. 2.6-32	RF	35	186
	8-21527-801	• VALVE INSTL, TANK #3 VENT RELIEF RH FOR NHA SEE FIG. 2.6-32	RF	187	
- 74	8-105155	• • VALVE ASSY, TANK #3 VENT RELIEF <75361> SPEC 8-02200-3 REPLACES SUITABLE SUB FOR 8-104155	1	D	
	8-104155	• • VALVE ASSY, TANK #3 VENT RELIEF <75361> SPEC 8-02280-1 REPLACED BY SUITABLE SUB 8-105155 ATTACHING PARTS	1	C	
- 75	AN3-4A	• • BOLT	3	35	
	8-21181-1	• VALVE INSTL, TANK #3 REFUEL PILOT LH FOR NHA SEE FIG. 2.6-32	RF	35	43
	8-21181-801	• VALVE INSTL, TANK #3 REFUEL PILOT LH FOR NHA SEE FIG. 2.6-32	RF	44	
	8-21181-3	• VALVE INSTL, TANK #3 REFUEL PILOT RH FOR NHA SEE FIG. 2.6-32	RF	35	43
	8-21181-803	• VALVE INSTL, TANK #3 REFUEL PILOT RH FOR NHA SEE FIG. 2.6-32	RF	44	
- 76	8-21181-13	• • VALVE ASSY, LH	1	35	43
	8-21181-19	• • VALVE ASSY, LH	1	44	
	8-21181-15	• • VALVE ASSY, RH	1	35	43
	8-21181-21	• • VALVE ASSY, RH ATTACHING PARTS	1	44	
- 77	NAS221-6	• • SCREW	4	35	
- 78	AN960D10L	• • WASHER	4	35	
- 79	16-356-1	• • • VALVE ASSY, TANK #3 REFUEL PILOT SHUTOFF (92003) SPEC 8-00904 T.O. 6J15-5-19-3	1	35	
	909555	• • • VALVE ASSY, FUEL TANK PILOT FLOAT (92003) SPEC 8-00904 T.O. 6J15-3-75-13 ATTACHING PARTS	1	35	
- 80	AN3H3A	• • • BOLT	4	35	
- 81	AN960D10L	• • • WASHER	4	35	
- 82	NAS430D3-8	• • • SPACER	4	35	
- 83	8-21181-7	• • • CHANNEL	1	35	43
	8-21181-23	• • • CHANNEL ASSY, RIVETED	1	44	
		C AIRPLANES #187 THRU 199 AND 226 THRU 231			
		D AIRPLANES #35 THRU 225, 232 AND ON			

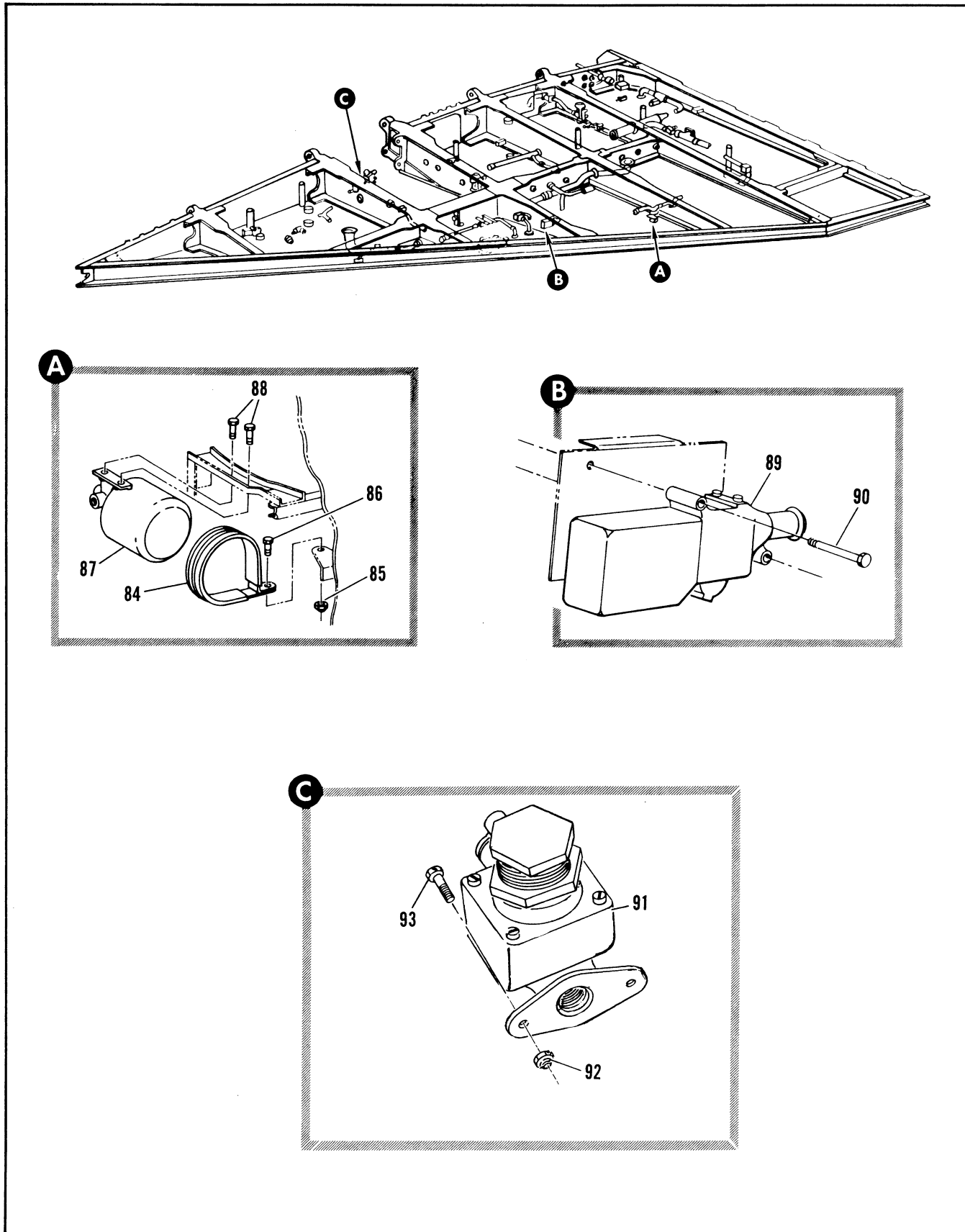


Figure 2.12-1. Wing Fuel System (Sheet 6 of 8)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-1	8-21211-1	• VALVE INSTL, TANK #2 FLOAT PILOT LH FOR NHA SEE FIG. 2.6-32	RF	35	
	8-21211-3	• VALVE INSTL, TANK #2 FLOAT PILOT RH FOR NHA SEE FIG. 2.6-32	RF	35	
- 84	MS21919DF-54	• • CLAMP	1	35	
- 85	NAS679A3	• • NUT, 96-37545-002	1	35	
- 86	AN3-4A	• • BOLT	1	35	
- 87	5-556-1	• • VALVE ASSY, TANK #2 PILOT FLOAT <82267> SPEC 8-00908 T.O. 9P5-5-67-3	1	35	
- 88	AN3-4A	• • BOLT	2	35	
	8-21528-3	• VALVE INSTL, FUEL TANK #2 PRESSURE RELIEF LH FOR NHA SEE FIG. 2.6-32	RF	35	188
	8-21528-5	• VALVE INSTL, FUEL TANK #2 PRESSURE RELIEF LH FOR NHA SEE FIG. 2.6-32	RF	189	
	8-21528-4	• VALVE INSTL, FUEL TANK #2 PRESSURE RELIEF RH FOR NHA SEE FIG. 2.6-32	RF	35	188
	8-21528-6	• VALVE INSTL, FUEL TANK #2 PRESSURE RELIEF RH FOR NHA SEE FIG. 2.6-32	RF	189	
- 89	14-356-151	• VALVE ASSY, TANK #2 PRESSURE RELIEF <82267> SPEC 8-00394-5 T.O. 6J15-63-13	1	35	
- 90	AN3-27A	• • BOLT	2	35	
- 91	5069	• • REGULATOR, FUEL TANK PRESSURE <98439> SPEC 8-00379 T.O. 6J15-7-24-13	1	35	
		ATTACHING PARTS			
- 92	NAS679A4	• • NUT, 96-37545-003	2	35	
- 93	AN4-5A	• • BOLT	2	35	
		-----X-----			

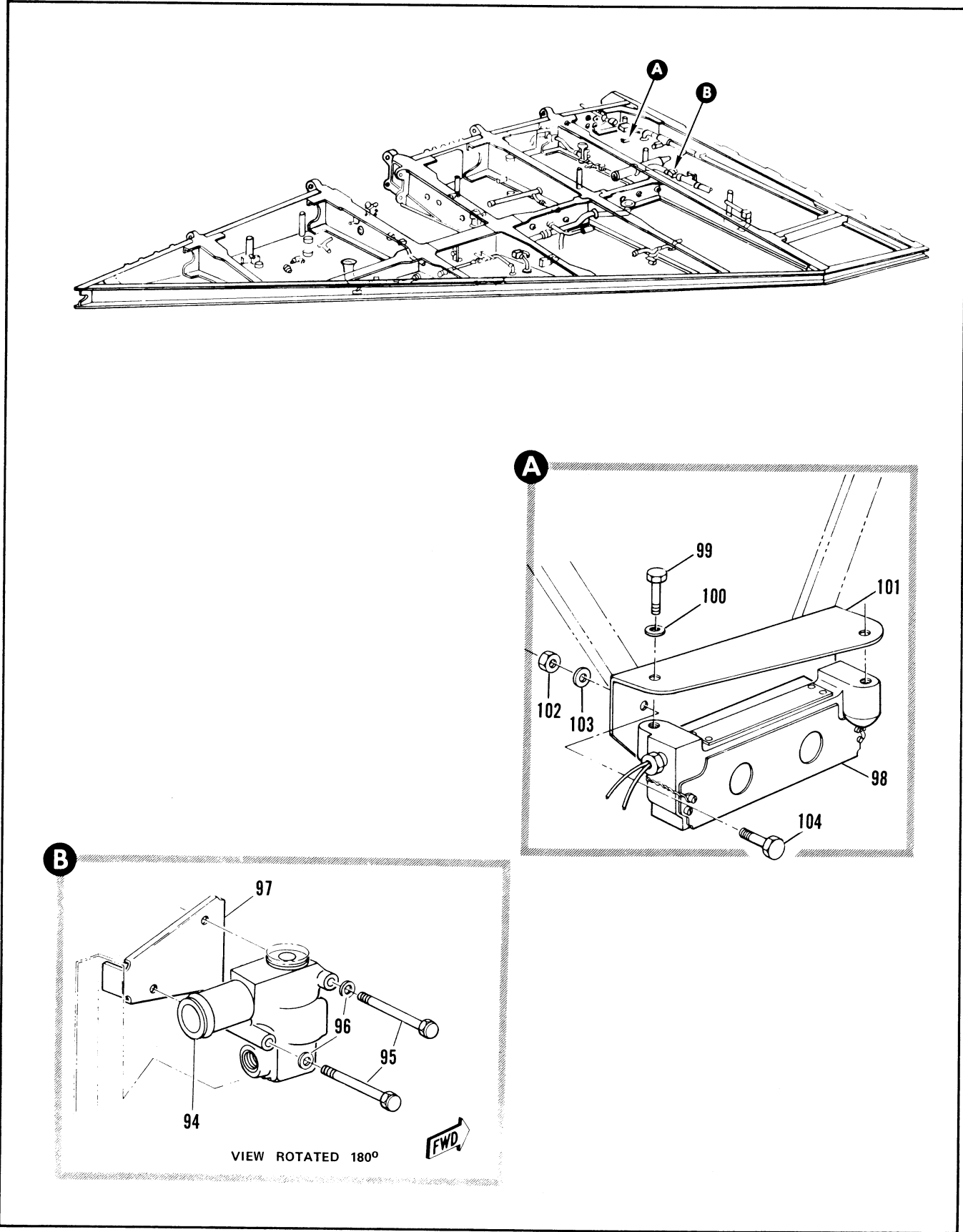


Figure 2.12-1. Wing Fuel System (Sheet 7 of 8)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-1	8-21887	• VALVE INSTL, TRANSFER TANK PRESSURE RELIEF LH FOR NHA SEE FIG. 2.6-32	RF	48	48
	8-21182-5	• VALVE INSTL, TRANSFER TANK PRESSURE RELIEF LH FOR NHA SEE FIG. 2.6-32	RF	A	
	8-21887	• VALVE INSTL, TRANSFER TANK PRESSURE RELIEF RH FOR NHA SEE FIG. 2.6-32	RF	48	48
	8-21182-6	• VALVE INSTL, TRANSFER TANK PRESSURE RELIEF RH FOR NHA SEE FIG. 2.6-32	RF	A	
- 94	19-356-91	• VALVE ASSY, TRANSFER TANK PRESSURE RELIEF <82267> SPEC 8-30384-19 T.O. 6J15-8-64-24 REPLACES SUITABLE SUB FOR 19-356-71 ATTACHING PARTS	1	35	
- 95	AN3-20A	• • BOLT	2	35	
- 96	AN960D10L	• • WASHER	2	35	
	AN960D10	• • WASHER	2	35	
		-----X-----			
	MS29513-21	• • PACKING	2	48	48
	MS29512-4	• • GASKET	1	48	48
- 97	8-21182-9	• • SUPPORT ASSY, TRANSFER TANK PRESSURE RELIEF VALVE LH RIVETED NHA IS 8-18126	1	E	
	8-21182-11	• • SUPPORT ASSY, TRANSFER TANK PRESSURE RELIEF VALVE LH RIVETED NHA IS 8-18926	1	189	277
	8-21182-10	• • SUPPORT ASSY, TRANSFER TANK PRESSURE RELIEF VALVE RH RIVETED NHA IS 8-18126	1	E	
	8-21182-12	• • SUPPORT ASSY, TRANSFER TANK PRESSURE RELIEF VALVE RH RIVETED NHA IS 8-18926	1	189	277
	8-21187-1	• SWITCH INSTL, TRANSFER TANK FUEL LOW LEVEL LH FOR NHA SEE FIG. 2.6-32	RF	E	
	8-21187-5	• SWITCH INSTL, TRANSFER TANK FUEL LOW LEVEL LH FOR NHA SEE FIG. 2.6-32	RF	189	277
	8-21187-3	• SWITCH INSTL, TRANSFER TANK FUEL LOW LEVEL RH FOR NHA SEE FIG. 2.6-32	RF	E	
	8-21187-801	• SWITCH INSTL, TRANSFER TANK FUEL LOW LEVEL RH FOR NHA SEE FIG. 2.6-32	RF	189	277
- 98	F7890	• • SWITCH, FUEL LEVEL FLOAT <36862> 96-62000-001 ATTACHING PARTS	1	35	
- 99	AN3H3A	• • BOLT	2	35	
-100	AN960PD10L	• • WASHER	2	35	
		-----X-----			
-101	8-21187-7	• • BRACKET	1	E	
	8-21187-17	• • BRACKET ASSY, LH	1	189	277
	8-21187-19	• • BRACKET ASSY, RH ATTACHING PARTS	1	189	277
-102	NAS679A3	• • NUT	4	35	
-103	AN960PD10L	• • WASHER	4	35	
-104	AN3-7A	• • BOLT	4	35	
		-----X-----			
		A AIRPLANES #35 THRU 47 AND 49 THRU 89 B AIRPLANES #48, 90 AND 30 E AIRPLANES #75 THRU 188, 279 AND ON			

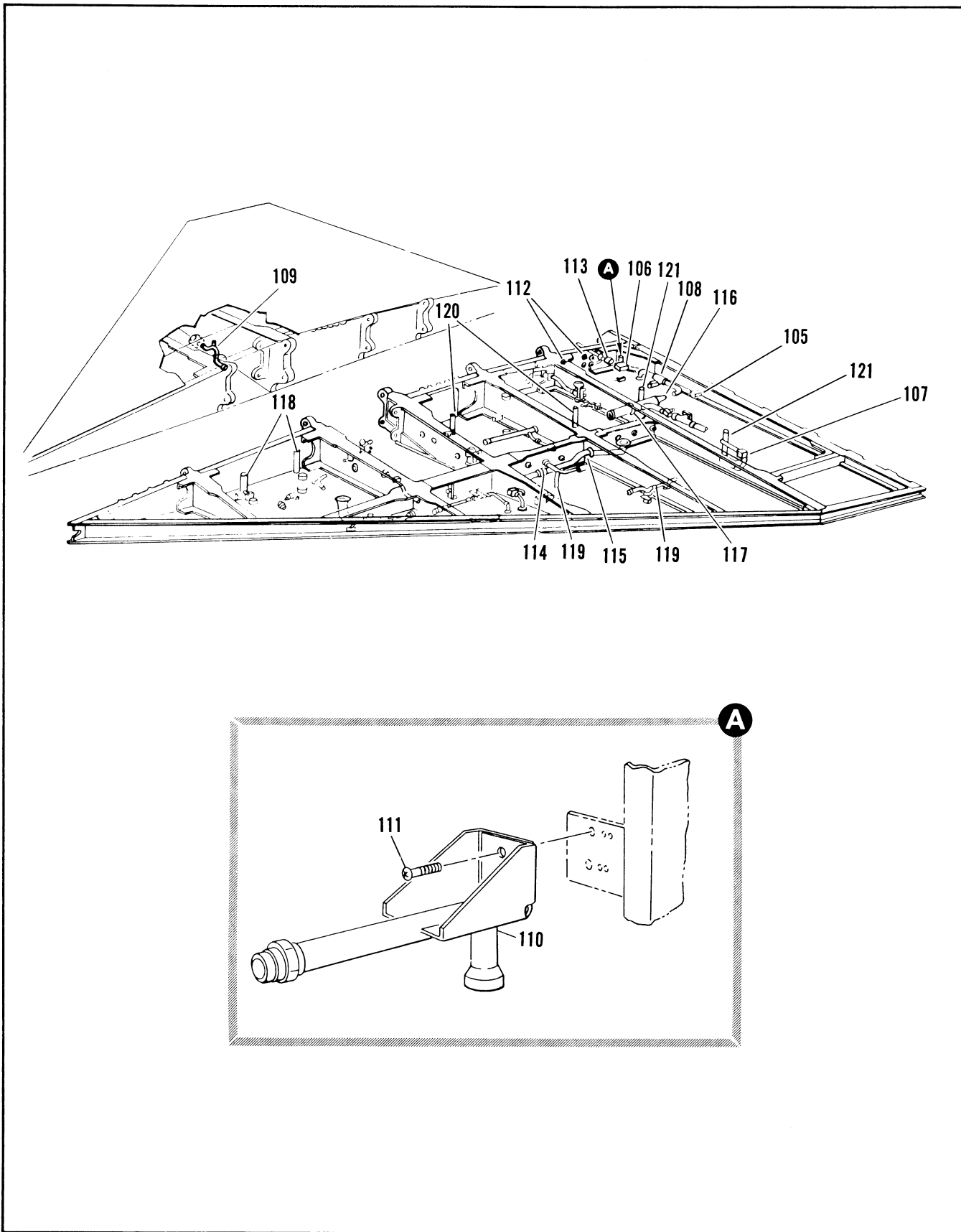


Figure 2.12-1. Wing Fuel System (Sheet 8 of 8)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-1-105		• VALVE INSTL, TRANSFER TANK EMERGENCY PILOT SEE FIG. 2.12-34	RF		
-106		• VALVE INSTL, TRANSFER TANK INBD PILOT SEE FIG. 2.12-28	RF		
-107		• VALVE INSTL, TRANSFER TANK OUTRD SHUTOFF SEE FIG. 2.12-27	RF		
-108		• VALVE INSTL, TRANSFER TANK INBD SHUTOFF SEE FIG. 2.12-32	RF		
	8-21167-801	• TUBING INSTL, WING FUEL TANK AIR PRESSURE RH FOR NHA SEE FIG. 2.6-32	RF	35	
-109	8-28390	• . TUBE ASSY, WING FUEL TANK AIR PRESSURE WELDED	1	35	
	8-21155-3	• BELLMOUTH INSTL, TRANSFER TANK FUEL SCAVENGE LH FOR NHA SEE FIG. 2.6-32	RF	35	
	8-21155-4	• BELLMOUTH INSTL, TRANSFER TANK FUEL SCAVENGE RH FOR NHA SEE FIG. 2.6-32	RF	35	
-110	8-21154-1	• . BELLMOUTH ASSY, TRANSFER TANK FUEL SCAVENGE ATTACHING PARTS	1	35	
-111	AN520D10R7	• . . BELLMOUTH ASSEMBLY ----X----	2	35	
	8-21154-15	• . . . BELL,OUTH ASSEMBLY	1	35	
	8-21156-7	• . . . FITTING	1	35	
-112		• SEAL INSTL, CG TRANSFER PRESSURE FITTING SEE FIG. 2.1237	RF		
-113		• FITTING INSTL, CG TRANSFER PRESSURE WING TRANSFER TANK SEE FIG. 2.12-35	RF		
	8-21612-1	• BELLMOUTH INSTL, TANK #2 FUEL TRANSFER FWD LH FOR NHA SEE FIG. 2.6-32	RF	160	277
	8-21612-2	• BELLMOUTH INSTL, TANK #2 FUEL TRANSFER FWD RH FOR NHA SEE FIG. 2.6-32	RF	150	277
-114	3605-40D	• . COUPLING, <79326> 92-72500-u15	1	160	277
	MS29513-333	• . PACKING	2	160	277
-115	8-21613-1	• . BELLMOUTH ASSY, FUEL TRANSFER TANK #2 FWD LH WELDED REPLACES NOT INTCHG WITH 8-21571-1	1	160	277
	8-21613-2	• . BELLMOUTH ASSY, FUEL TRANSFER TANK #2 FWD RH WELDED REPLACES NOT INTCHG WITH 8-21571-2 ATTACHING PARTS	1	160	277
	AN3-4A	• . BOLT ----X----	2	160	277
	8-21622-1	• TUBE INSTL, CG FUEL TRANSFER SPAR #6 LH FOR NHA SEE FIG. 2.6-32	RF	189	277
	8-21622-2	• TUBE INSTL, CG FUEL TRANSFER SPAR #6 RH FOR NHA SEE FIG. 2.6-32	RF	189	277
-116	8-21583-801	• . TUBE ASSY, CG FUEL TRANSFER LH WELDED	1	189	277
	8-21583-802	• . TUBE ASSY, CG FUEL TRANSFER RH WELDED ATTACHING PARTS	1	189	277
	NAS1104-9	• . BOLT	6	189	277
	NAS623-3-4	• . SCREW	2	160	
	AN960D416L	• . WASHER	6	189	277
	AN960D10L	• . WASHER	2	189	277
-117	075156-2	• . GASKET, <83259> SPEC 8-02287-3	1	189	277
-118		• PROBE INSTL, FUEL QUANTITY TANK #1 STA 410 SEE FIG. 2.12-7	RF		
-119		• PROBE INSTL, FUEL QUANTITY TANK #2 STA 536 SEE FIG. 2.12-7	RF		
-120		• PROBE INSTL, FUEL QUANTITY TANK #3 STA 544 SEE FIG. 2.12-8	RF		
-121		• PROBE INSTL, FUEL QUANTITY TRANSFER TANK STA 578 SEE FIG. 2.12-8	RF		

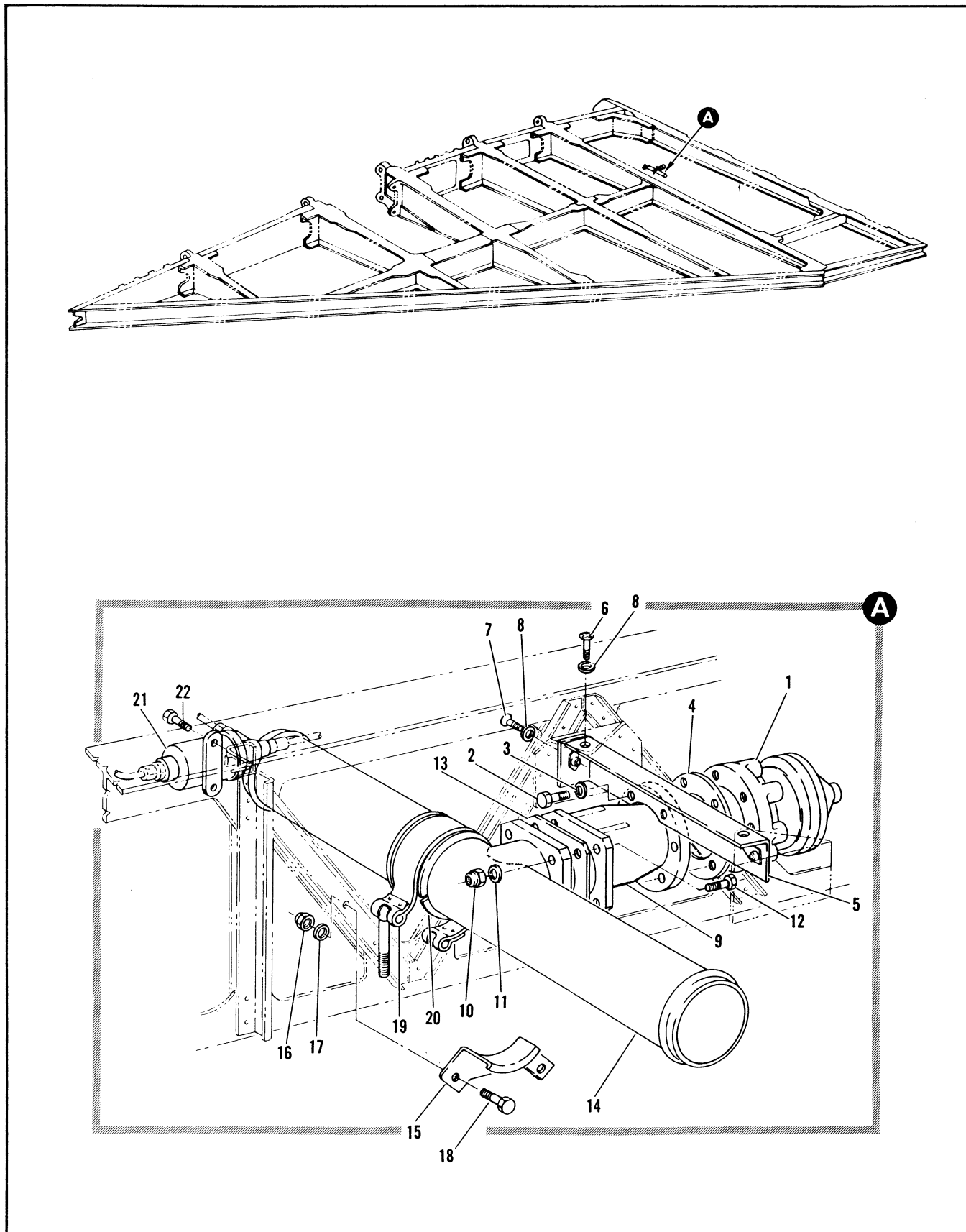


Figure 2.12-2. Refueling Shutoff Transfer Tank Valve Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-2	8-21147-3	VALVE INSTALLATION, REFUELING SHUTOFF TRANSFER TANK LH FOR NHA SEE FIG. 2.6-32	RF	35	89
	8-21147-5	VALVE INSTALLATION, REFUELING SHUTOFF TRANSFER TANK LH FOR NHA SEE FIG. 2.6-32	RF	A	
	8-21147-801	VALVE INSTALLATION, REFUELING SHUTOFF TRANSFER TANK LH FOR NHA SEE FIG. 2.6-32	RF	189	277
	8-21147-4	VALVE INSTALLATION, REFUELING SHUTOFF TRANSFER TANK RH FOR NHA SEE FIG. 2.6-32	RF	35	89
	8-21147-6	VALVE INSTALLATION, REFUELING SHUTOFF TRANSFER TANK RH FOR NHA SEE FIG. 2.6-32	RF	A	
	8-21147-802	VALVE INSTALLATION, REFUELING SHUTOFF TRANSFER TANK RH FOR NHA SEE FIG. 2.6-32	RF	189	277
- 1	15-356-101	• VALVE, FUEL TANK PILOT OPERATED SHUTOFF <P2267> SPEC 8-00903-1 ATTACHING PARTS	1	35	
- 2	AN4-5A	• BOLT	6	35	
- 3	AN9600416L	• WASHER	6	35	
		----X----			
- 4	075156-4	• GASKET, FUEL SYSTEM FLANGE <83259> SPEC 8-02287-7	1	35	
- 5	8-21177-17	• BRACKET ASSY, TRANSFER TANK REFUELING VALVES SUPPORT LH	1	35	
	8-21177-18	• BRACKET ASSY, TRANSFER TANK REFUELING VALVES SUPPORT RH ATTACHING PARTS	1	35	
- 6	MS24694-A62	• SCREW	3	35	89
	AN3-6A	• BOLT	3	90	
- 7	NAS221-6	• SCREW	1	35	
- 8	AN960010L	• WASHER	4	35	
		----X----			
- 9	25-6500-3	• VALVE, FUEL CHECK <96736> SPEC 8-00954 ATTACHING PARTS	1	35	
- 10	NAS679A4	• NUT	4	35	
- 11	AN9600416L	• WASHER	4	35	
- 12	AN4-11A	• BOLT	4	35	
		----X----			
- 13	075356-6	• GASKET, FUEL SYSTEM FLANGE <83259> SPEC 8-02289-11 REPLACES NOT INTCHG WITH 075356-1	1	35	
- 14	8-21143-1	• TUBE ASSY, TRANSFER TANK WELDED	1	35	240
	8-21143-3	• TUBE ASSY, TRANSFER TANK WELDED	1	241	
- 15	8-21118-11	• BRACKET, TRANSFER TANK TUBE LH	1	B	
	8-21118-17	• BRACKET, TRANSFER TANK TUBE LH	1	89	277
	8-21118-12	• BRACKET, TRANSFER TANK TUBE RH	1	B	
	8-21118-18	• BRACKET, TRANSFER TANK TUBE RH ATTACHING PARTS	1	189	277
- 16	NAS679A3	• NUT	2	35	
- 17	AN960010L	• WASHER	2	35	
- 18	AN3-15A	• BOLT	2	B	
	AN3-4A	• BOLT	2	189	277
		----X----			
- 19	MS21920-22	• CLAMP, SPEC 91-97802-041	1	35	
- 20	R-28277-7	• PAD	1	35	
- 21	PV293-110	• VALVE, PRESSURE OPERATED PILOT <84987> SPEC 8-02275 T.O. 6J15-3-80-3 REPLACED BY SUITABLE SUB FOR PV293-120	1	35	
	PV293-120	• VALVE ASSY, PRESSURE OPERATED PILOT <84987> SPEC 8-02275 T.O. 6J15-3-80-3 REPLACES, IS SUITABLE SUB FOR PV293-110 ATTACHING PARTS	RF	35	
- 22	AN3-5A	• BOLT	2	35	
		----X----			
		A AIRPLANES #90 THRU 188, 278 AND ON B AIRPLANES #35 THRU 188, 278 AND ON			

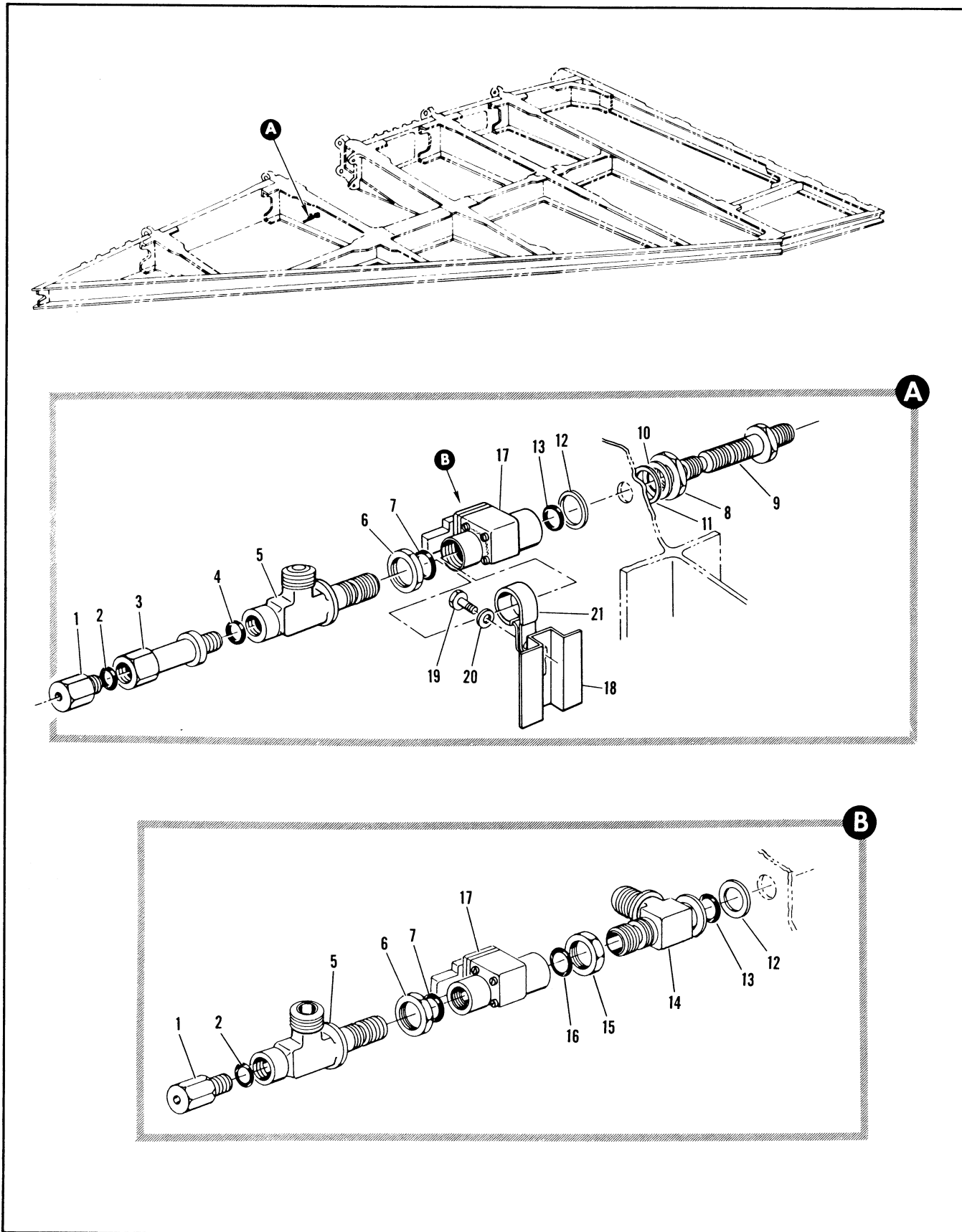


Figure 2.12-3. Manual Refuel Selector Valve Installation RH

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-3	8-21199-1	VALVE INSTALLATION, MANUAL REFUEL SELECTOR RH FOR NHA SEE FIG. 2.6-32	RF	35	89
	8-2119-3	VALVE INSTALLATION, MANUAL REFUEL SELECTOR RH FOR NHA SEE FIG. 2.6-32	RF	90	
- 1	160B	• VALVE, DRAIN SELF-LOCKING FLUSH TYPE <91511> 92-12501-003	1	35	
- 2	MS29512-4	• GASKET	1	35	
- 3	8-28335	• FITTING, DRAIN TANK #2 PILOT VALVE PRESSURE LINE	1	35	89
- 4	MS29512-4	• GASKET	1	35	
- 5	MS21911D4	• TEE	1	35	
- 6	AN924-4D	• NUT	1	35	
- 7	MS29512-5	• GASKET	1	35	
- 8	AN924-4D	• NUT	1	35	
- 9	8-20307-27	• FITTING	1	35	
- 10	AN960D716	• WASHER	1	35	
- 11	8-21311-7	• WASHER	1	35	
- 12	8-21311-7	• WASHER	1	35	
- 13	MS29512-4	• GASKET	1	35	
- 14	MS21911D4	• TEE	1	90	
- 15	AN924-4D	• NUT	1	90	
- 16	MS21512-4	• GASKET	1	90	
- 17	3-3682	• COCK, PLUG DRAIN SELF-LOCKING <75361> 92-13000-004 T.O. 6J15-9-21-3	1	35	
- 18	8-21199-3	• BRACKET ASSY, RIVETED	1	35	
- 19	NAS221-7	• SCREW	1	35	
- 20	AN960D10L	• WASHER	1	35	
- 21	AN742012	• CLAMP	1	35	89
	MS21919D611	• CLAMP	1	90	

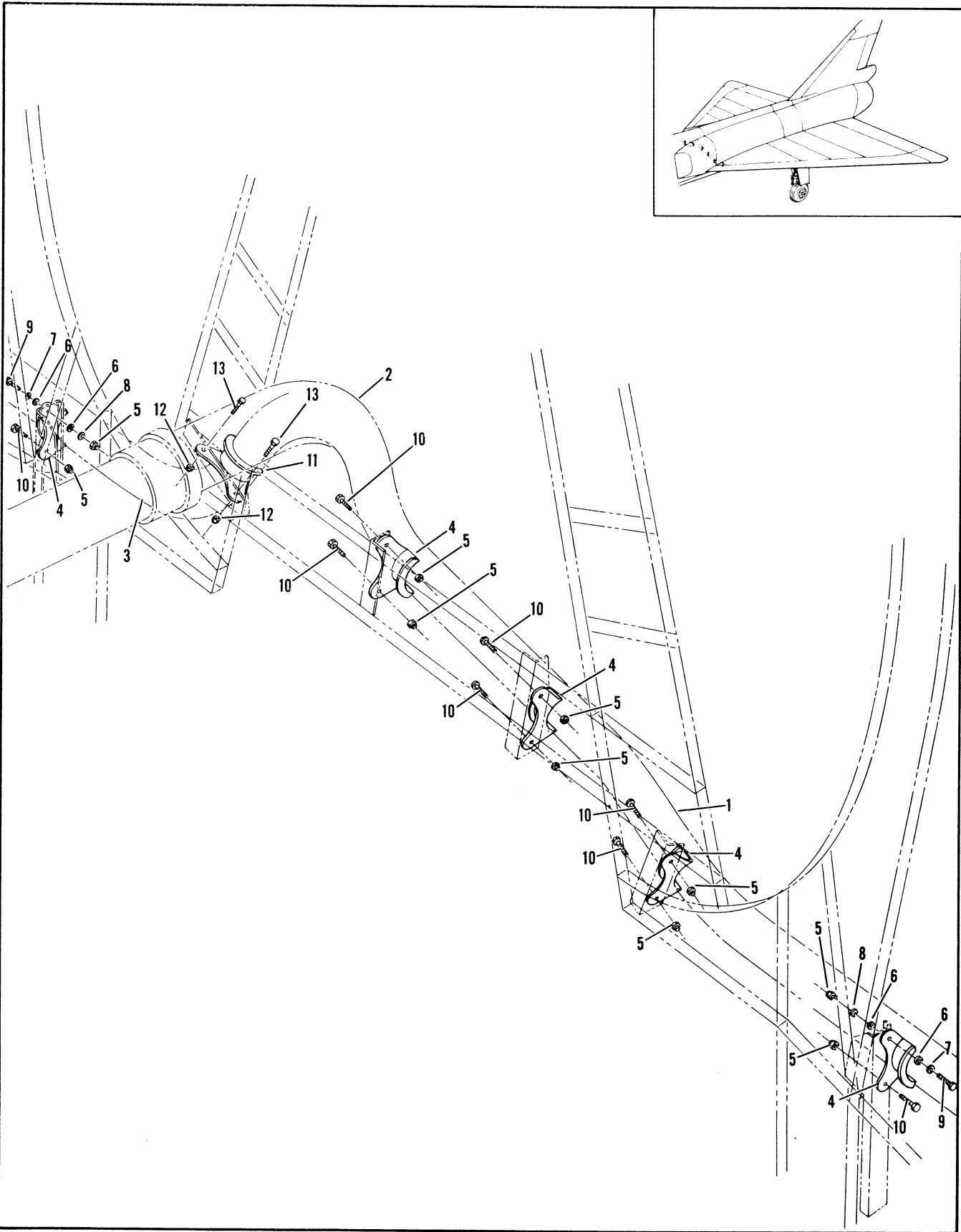


Figure 2.12-4. Fuel Transfer Line Bracket Installation Sta 343

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-4	8-28276	BRACKET INSTALLATION, FUEL TRANSFER LINE STA 344 FOR NHA SEE FIG. 2.3-10	RF	35	60
	8-28276-1	BRACKET INSTALLATION, FUEL TRANSFER LINE STA 344 FOR NHA SEE FIG. 2.3-11	RF	61	
- 1		• TUBE ASSY, WING FUEL TRANSFER LH SEE FIG. 2.12-48 INDEX 34	RF		
- 2		• TEE ASSY, WING FUEL TRANSFER SEE FIG. 2.12-48 INDEX 30	RF		
- 3		• TUBE ASSY, WING FUEL TRANSFER SEE FIG. 2.12-48 INDEX 36	RF		
- 4	8-28278	• BRACKET, 3 DIA TUBE REPLACED BY NOT INTCHG WITH 8-28469	5	35	60
	8-28469	• BRACKET, REPLACES NOT INTCHG WITH 8-28278 ATTACHING PARTS	5	61	
- 5	NAS679A3	• NUT	10	35	
- 6	AN960D10L	• WASHER	4	35	
	AN960D10L	• WASHER	AR	61	
- 7	AN960-10L	• WASHER	2	35	
- 8	AN935-10L	• WASHER	2	35	
- 9	AN3-6A	• BOLT	2	35	
- 10	AN3-4A	• BOLT	8	35	
		-----X-----			
- 11	8-28278-7	• BRACKET, REPLACED BY NOT INTCHG WITH 8-28469	1	35	60
	8-28469	• BRACKET, REPLACES NOT INTCHG WITH 8-28278-7 ATTACHING PARTS	1	61	
- 12	NAS679A3	• NUT	2	35	
- 13	AN3-4A	• BOLT	2	35	
		-----X-----			

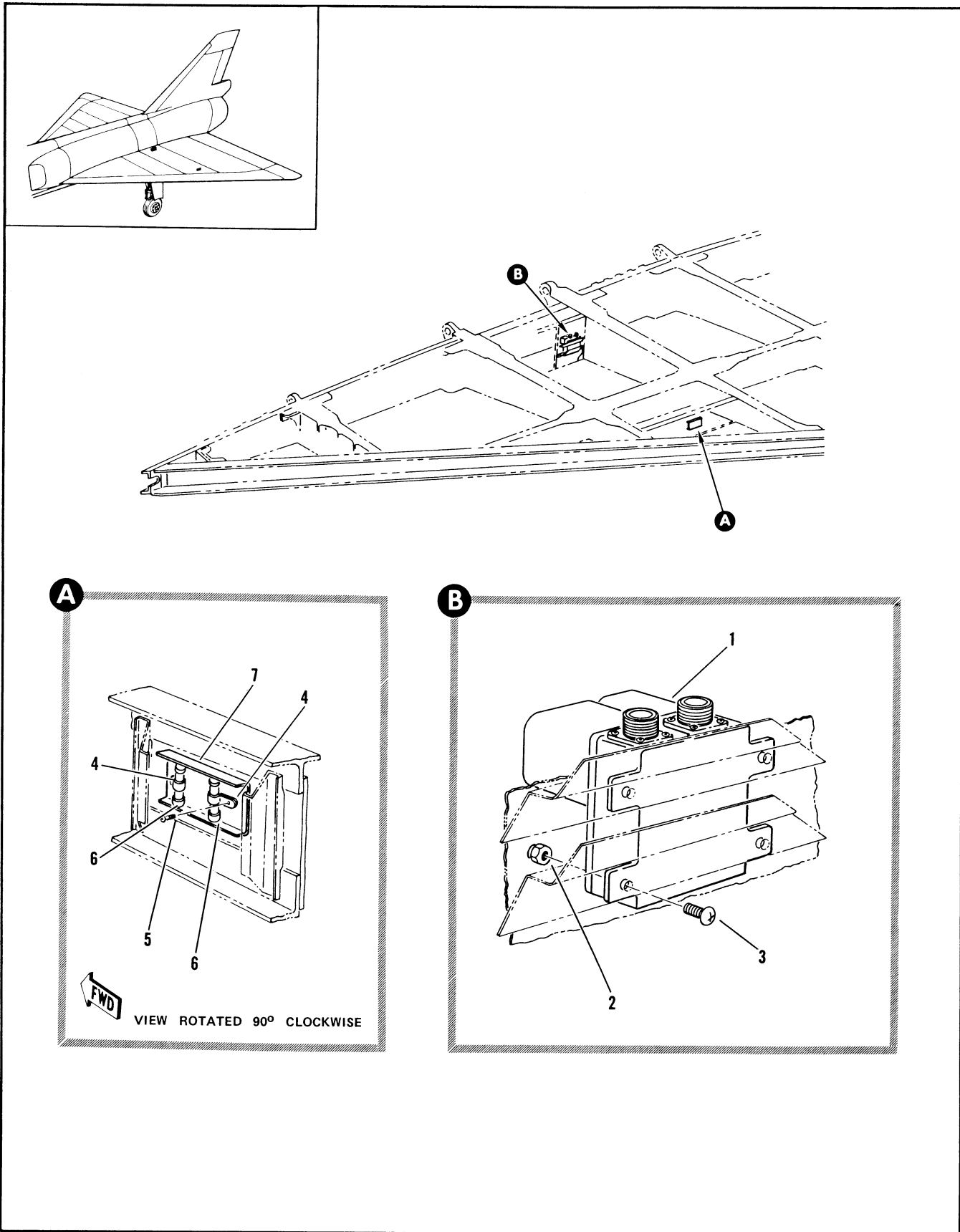


Figure 2.12-5. Wing Fuel Electrical

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-5		WING FUEL ELECTRICAL			
		• WING FUEL SYSTEM SEE FIG. 2.12-1	RF		
		• WING FUEL TANK ELECTRICAL RECEPTACLES SEE FIG. 2.12-6	RF		
- 1	8-65046	• BOX INSTL, ENGINE FUEL TEMPERATURE CONTROL	RF	35	
	25630131	• CONTROL BOX ASSY, ENGINE FUEL TEMPERATURE <80234> SPEC 8-00911 T.O. 803-10-6-3 REPLACED BY SUITABLE SUB 25630131-01	1	35	129
	25630131-01	• CONTROL BOX ASSY, ENGINE FUEL TEMPERATURE <80234> SPEC 8-00911-1 T.O. 803-10-6-3 REPLACES SUITABLE SUB FOR 25630131 ATTACHING PARTS	1	130	
- 2	NAS679A3	• NUT	4	35	
- 3	NAS221-10	• SCREW	4	35	
		-----X-----			
	8-65019-805	• RESISTOR INSTL, EXTERNAL FUEL TANK EJECTION LH	1	35	
	8-65019-807	• RESISTOR INSTL, EXTERNAL FUEL TANK EJECTION RH	1	35	
- 4	MS21919D66	• CLAMP	2	35	
		ATTACHING PARTS			
- 5	NAS221-10	• SCREW	2	35	
		-----X-----			
- 6	RW29F4R0	• RESISTOR, 8W 4 OHMS 97-47053-001 REPLACED BY RW29V3R9	2	35	
	RW29V3R9	• RESISTOR, REPLACES RW29F4R0	2	35	
- 7	8-65013	• INSULATOR, RESISTOR EJECTION FUEL TANK	1	35	
	8-65009-801	• HARNESS ASSY, MAIN WHEEL WELL TO WING	1	35	
	14760-7b	• CONNECTOR, <17419> SPEC 8-06985-9	2	35	
	EX620SC	• CONTACT, ELECTRICAL CONNECTOR <71468> SPEC 8-06283-879	1	35	
	RW29G4R0	• RESISTOR, 97-47053-002	4	35	

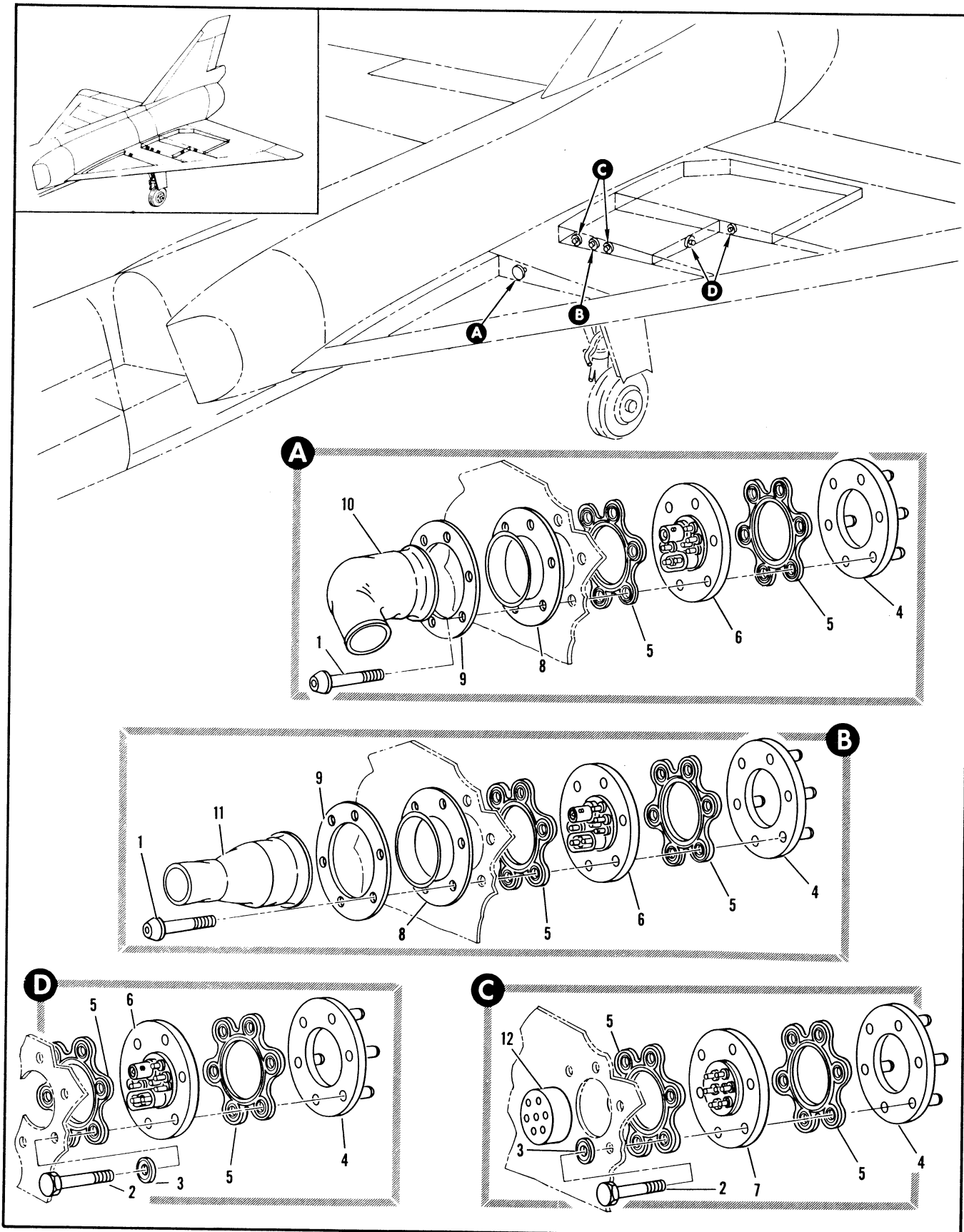


Figure 2.12-6. Wing Fuel Tank Electrical Receptacle Installation

FIGURE AND INDEX NUMBER	PART NUMBER		DESCRIPTION						UNITS PER ASSY.	USABLE ON CODE	
			1	2	3	4	5	6		FROM	TO
2.12-6	8-61035-1	*1	RECEPTACLE INSTL, WING FUEL TANK ELECTRICAL STA 431 LH						1	35	
	8-61035-2,	*2	RECEPTACLE INSTL, WING FUEL TANK ELECTRICAL STA 431 RH						1	35	
	8-61035-5	*1	RECEPTACLE INSTL, WING FUEL TANK ELECTRICAL STA 472 BL 59 LH						1	35	
	8-61035-6	*2	RECEPTACLE INSTL, WING FUEL TANK ELECTRICAL STA 472 BL 59 RH						1	35	
	8-61035-805*1		RECEPTACLE INSTL, WING FUEL TANK ELECTRICAL STA 472 BL 52 LH						1	35	
	8-61035-806	*2	RECEPTACLE INSTL, WING FUEL TANK ELECTRICAL STA 472 BL 52 RH						1	35	
	8-61035-807	*1	RECEPTACLE INSTL, WING FUEL TANK ELECTRICAL STA 472 BL 66 LH						1	35	
	8-61035-808	*2	RECEPTACLE INST, WING FUEL TANK ELECTRICAL STA 472 BL 66 RH						1	35	
	8-61035-803		RECEPTACLE INSTL, WING FUEL TANK ELECTRICAL STA 510 LH						1	35	
	8-61035-804		RECEPTACLE INSTL, WING FUEL TANK ELECTRICAL STA 510 RH						1	35	
	8-61035-801	*1	RECEPTACLE INSTL, WING FUEL TANK ELECTRICAL STA 557 LH						1	35	
	8-61035-802	*2	RECEPTACLE INSTL, WING FUEL TANK ELECTRICAL STA 557 RH						1	35	
- 1	MS20004-14		• BOLT, STA 431 AND 472 BL 59						6	35	
- 2	AN4-12A		• BOLT, STA 472 BL 52 AND 66 STA 510 AND 557						6	35	
- 3	MS20002C4		• WASHER, STA 472 BL 52 AND BL 66 STA 510 AND 557						6	35	
- 4	8-21321		• FLANGE ASSY, RIVETED						1	35	
- 5	100154-1		• SEAL, O-RING FUEL TANK RECEPTACLE <83259> SPEC 8-02396						2	35	
- 6	YHS8M2		• RECEPTACLE ASSY, FUEL CELL ELECTRICAL STA 431 AND 472 BL 59 STA 510 AND 557 <09922> SPEC 8-06315 <09922> SPEC 8-06315						1	35	
- 7	YHS7M4		• RECEPTACLE ASSY, FUEL CELL ELECTRICAL STA 472 BL 52 AND BL 66 <09922> SPEC 8-06281						1	35	
8	6719		• RING, MOUNTING PRESSURE DISK PANEL STA 431 AND 472 BL 59 <97820> SPEC 8-06242						1	35	
- 9	8-68273		• RETAINER, BOOT STA 431 AND 472 BL 59						1	35	
- 10	YHSB28R		• BOOT, STA 431 <09922> 91-38301-001						1	35	
- 11	YHSB28		• BOOT, STRAIGHT CONNECTOR <09922> 91-38301-002 STA 472 BL 59						1	35	
- 12	8-68355-7		• INSULATOR, BURNDY CONNECTOR PANE' STA 472 BL 52 AND BL 66						1	35	
		*1	USED ON SPARES ASSEMBLY 8-10040-525 AND 8-10060-501 FOR AIRPLANES #35 AND ON								
		*2	USED ON SPARES ASSEMBLY 8-10040-526 AND 8-10060-502 FOR AIRPLANES #35 AND ON								

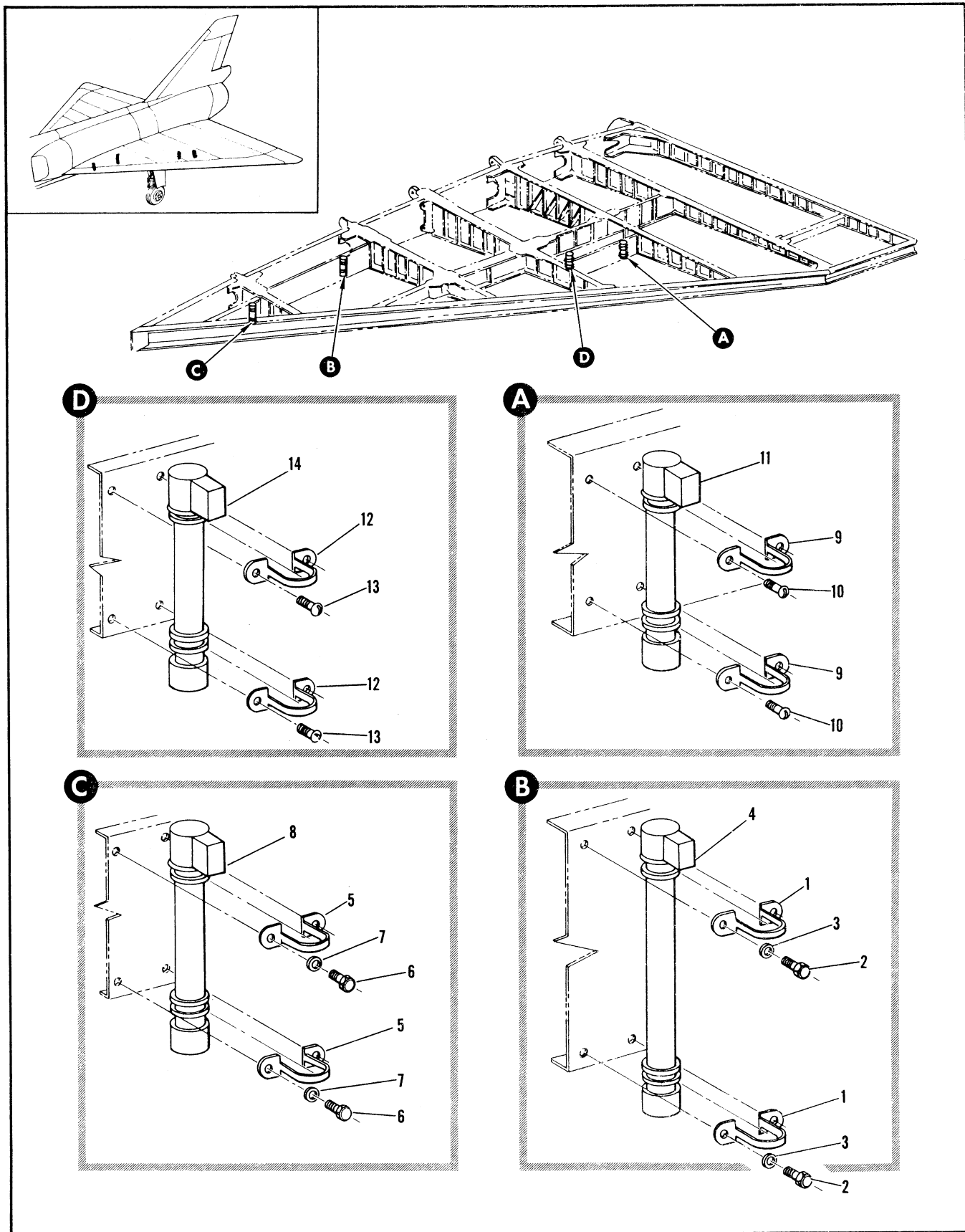


Figure 2.12-7. Tank #1 and #2 Fuel Quantity Probes

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-7	8-21104-1	TANK #1 AND 2 FUEL QUANTITY PROBES • PROBE INSTL, FUEL QUANTITY TANK #1 STA 410 LH FOR NHA SEE FIG. 2.6-32	RF	35	
	8-21104-2	• PROBE INSTL, FUEL QUANTITY TANK #1 STA 410 RH FOR NHA SEE FIG. 2.6-32	RF	35	
- 1	8-21114-7	• • CLAMP ATTACHING PARTS	2	35	
- 2	AN3-4A	• • BOLT	4	35	
- 3	AN960D10	• • WASHER	4	35	
		-----X-----			
- 4	FG220A61	• • PROBE, <40931> SPEC 8-0095-9 T.O. 5L14-3-21-13	1	35	
	8-21104-3	• PROBE INSTL, FUEL QUANTITY TANK #1 STA 377 LH FOR NHA SEE FIG. 2.6-32	RF	35	
	8-21104-4	• PROBE INSTL, FUEL QUANTITY TANK #1 STA 377 RH FOR NHA SEE FIG. 2.6-32	RF	35	
- 5	8-21114-7	• • CLAMP ATTACHING PARTS	2	35	
- 6	AN3-4A	• • BOLT	4	35	
- 7	AN960D10	• • WASHER	4	35	
		-----X-----			
- 8	FG220A60	• • PROBE, <40931> SPEC 8-00995-7 T.O. 5L14-3-21-13	1	35	
	8-21105-1	• PROBE INSTL, FUEL QUANTITY TANK #2 STA 536 LH FOR NHA SEE FIG. 2.6-32	RF	35	
	8-21105-2	• PROBE INSTL, FUEL QUANTITY TANK #2 STA 536 RH FOR NHA SEE FIG. 2.6-32	RF	35	
- 9	8-21114-7	• • CLAMP ATTACHING PARTS	2	35	
- 10	AN520-10R6	• • SCREW	4	35	
		-----X-----			
- 11	FG220A63	• • PROBE, <40631> SPEC 8-00995-13 T.O. 5L14-3-21-13	1	35	
	8-21105-3	• PROBE INSTL, FUEL QUANTITY TANK #2 STA 502 LH FOR NHA SEE FIG. 2.6-32	RF	35	
	8-21105-4	• PROBE INSTL, FUEL QUANTITY TANK #2 STA 502 RH FOR NHA SEE FIG. 2.6-32	RF	35	
- 12	8-21114-7	• • CLAMP ATTACHING PARTS	2	35	
- 13	AN520-10R6	• • SCREW	4	35	
		-----X-----			
- 14	FG220A62	• • PROBE, <40931> SPEC 8-00995-11 T.O. 5L14-3-21-13	1	35	

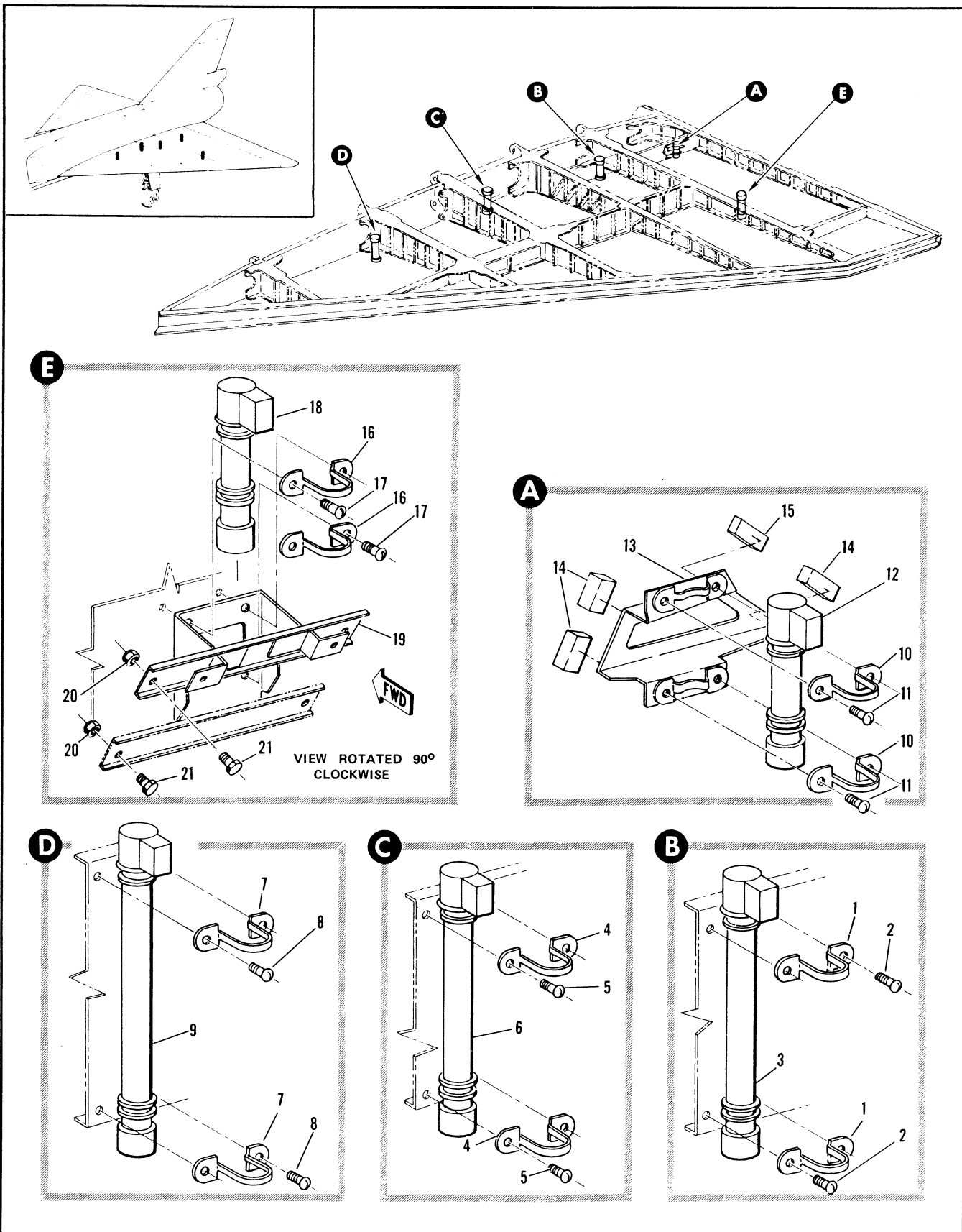


Figure 2.12-8. Transfer and #3 Tank Fuel Quantity Probes

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE						
				FROM	TO					
				1	2	3	4	5	6	
2.12-8	8-21106-1	TRANSFER AND #3 TANK FUEL QUANTITY PROBES								
	8-21106-2	• PROBE INSTL, FUEL QUANTITY TANK #3 STA 544 LH FOR NHA SEE FIG. 2.6-32	RF	35						
- 1	8-21114-7	• PROBE INSTL, FUEL QUANTITY TANK #3 STA 544 RH FOR NHA SEE FIG. 2.6-32	RF	35						
- 2	AN520-10R6	• • CLAMP ATTACHING PARTS	2	35						
- 3	FG220A75	• • SCREW -----X-----	4	35						
	FG220A76	• • PROBE, LH <40931> SPEC 8-00995-25 T.O. 5L14-3-21-13	1	35						
	8-21106-3	• • PROBE, RH <40931> SPEC 8-00995-27 T.O. 5L14-3-21-13	1	35						
	8-21106-4	• PROBE INSTL, FUEL QUANTITY TANK #3 STA 529 LH FOR NHA SEE FIG. 2.6-32	RF	35						
- 4	8-21114-7	• PROBE INSTL, FUEL QUANTITY TANK #3 STA 529 RH FOR NHA SEE FIG. 2.6-32	RF	35						
- 5	AN520-10R6	• • CLAMP	2	35						
- 6	FG220A65	• • SCREW	4	35						
	8-21106-5	• • PROBE, <40931> SPEC 8-00995-17 T.O. 5L14-3-21-13	1	35						
	8-21106-6	• PROBE INSTL, FUEL QUANTITY TANK #3 STA 491 LH FOR NHA SEE FIG. 2.6-32	RF	35						
- 7	8-21114-7	• PROBE INSTL, FUEL QUANTITY TANK #3 STA 491 RH FOR NHA SEE FIG. 2.6-32	RF	35						
- 8	AN520-10R6	• • CLAMP	2	35						
- 9	FG220A64	• • SCREW	4	35						
	8-21107-1	• • PROBE, <40931> SPEC 8-00995-15 T.O. 5L14-3-21-13	1	35						
	8-21107-801	• PROBE INSTL, FUEL QUANTITY TRANSFER TANK STA 578 LH FOR NHA SEE FIG. 2.6-32	RF	A						
	8-21107-2	• PROBE INSTL, FUEL QUANTITY TRANSFER TANK STA 578 LH FOR NHA SEE FIG. 2.6-32	RF	189	277					
	8-21107-802	• PROBE INSTL, FUEL QUANTITY TRANSFER TANK STA 578 RH FOR NHA SEE FIG. 2.6-32	RF	A						
- 10	8-21114-7	• PROBE INSTL, FUEL QUANTITY TRANSFER TANK STA 578 RH FOR NHA SEE FIG. 2.6-32	RF	189	277					
- 11	AN520-10R6	• • CLAMP	2	35						
- 12	FG220A68	• • SCREW	4	35						
- 13	8-21107-7	• • PROBE, <40631> SPEC 8-00995-23 T.O. 5L14-3-21-13	1	35						
	8-21107-25	• • BRACKET ASSY, LH RIVETED	1	A						
	8-21107-8	• • BRACKET ASSY, LH RIVETED	1	189	277					
	8-21107-26	• • BRACKET ASSY, RH RIVETED	1	A						
- 14	8-21277-9	• • BRACKET ASSY, RH RIVETED	1	189	277					
- 15	8-21277-15	• • SPACER	3	A						
	8-21107-3	• • SPACER	1	A						
	8-21107-803	• PROBE INSTL, FUEL QUANTITY TRANSFER TANK STA 568 LH FOR NHA SEE FIG. 2.6-32	RF	A						
	8-21107-4	• PROBE INSTL, FUEL QUANTITY TRANSFER TANK STA 568 LH FOR NHA SEE FIG. 2.6-32	RF	189	277					
	8-21107-804	• PROBE INSTL, FUEL QUANTITY TRANSFER TANK STA 568 RH FOR NHA SEE FIG. 2.6-32	RF	A						
- 16	8-21114-7	• PROBE INSTL, FUEL QUANTITY TRANSFER TANK STA 568 RH FOR NHA SEE FIG. 2.6-32	RF	189	277					
- 17	AN520-10R6	• • CLAMP	2	35						
- 18	FG220A66	• • SCREW	4	35	303					
- 19	8-21107-23	• • PROBE, <40931> SPEC 8-00995-19 T.O. 5L14-3-21-13	1	35						
	8-21107-29	• • BRACKET ASSY, LH RIVETED	1	B						
	8-21107-9	• • BRACKET ASSY, LH RIVETED	1	189	277					
	8-21107-24	• • BRACKET ASSY, LH RIVETED	1	278	303					
	8-21107-30	• • BRACKET ASSY, RH RIVETED	1	B						
	8-21107-10	• • BRACKET ASSY, RH RIVETED	1	189	277					
- 20	NAS679A3	• • BRACKET ASSY, RH RIVETED ATTACHING PARTS	1	278	303					
- 21	AN3-4A	• • NUT	4	35						
		• • BOLT	4	35						
		-----X-----								
		A AIRPLANES #35 THRU 188, 278 AND ON								
		B AIRPLANES #35 THRU 188, 304 AND ON								

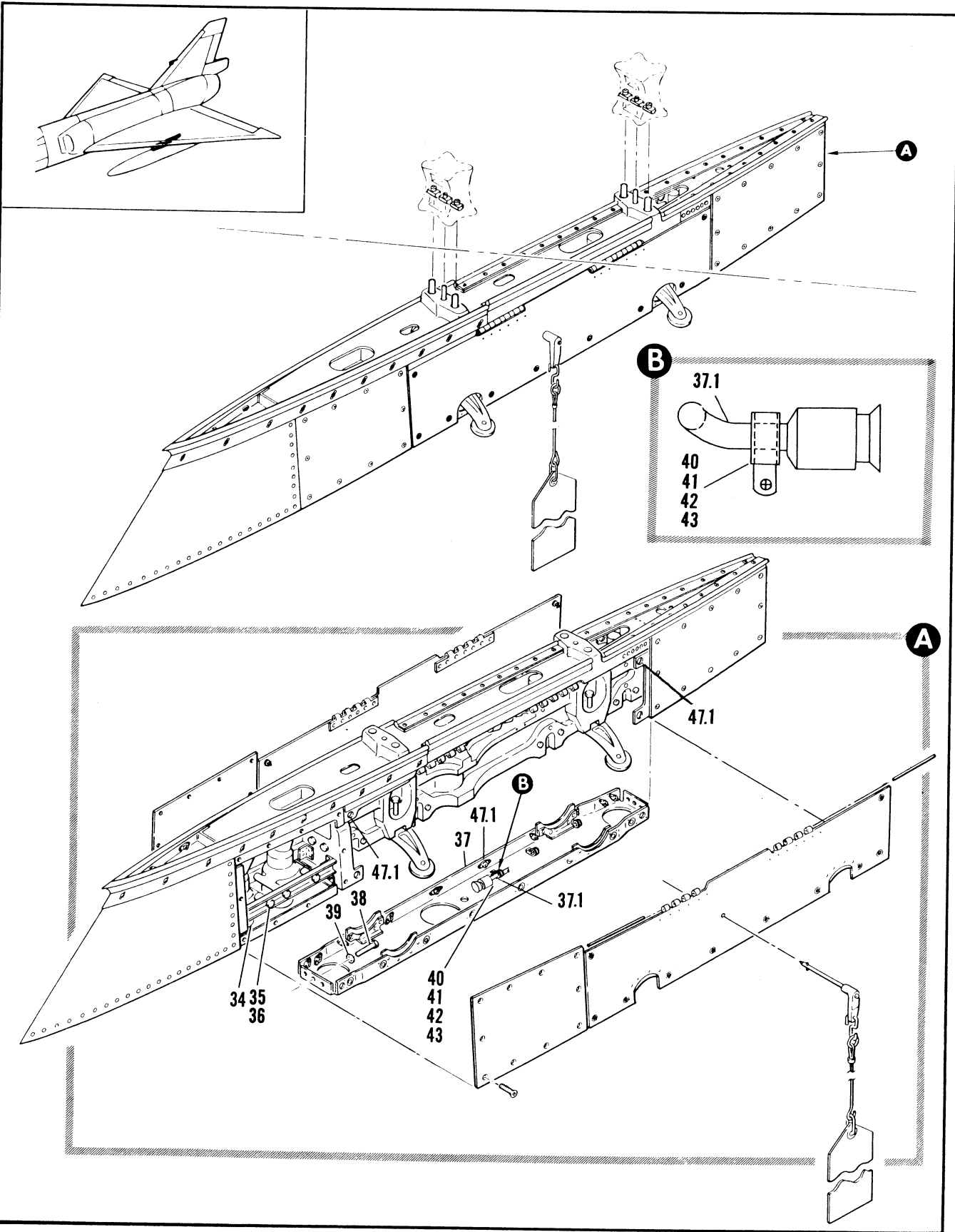


Figure 2.12-9. Pylon Installation and External Fuel Tank Release (Sheet 2 of 4)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-9- 34	6510-200 6708-055	. . COUPLING (95161) . . . SEAL ATTACHING PARTS	1 1		
- 35	MS2104264	. . NUT (96906)	2		
- 36	NAS1304-50	. . BOLT (86205) -----X-----	2		
- 37	65E33313-1	. . RIB, AFT PYLON	1		
- 37.1	7747251-10	. . HARNESS ASSY ATTACHING PARTS	1		
- 38	NAS1303-3	. . BOLT	6		
- 39	AN960PD1CL	. . WASHER	6		
- 40	MS21919D68	. . CLAMP ATTACHING PARTS			
- 41	MS24693-272	. . SCREW	1		
- 42	AN960-10-L	. . WASHER	1		
- 43	MS21044N5	. . NUT -----X-----	1		
- 44	60A52J1 5444622-511	. . EJECTOR RACK, GFAE AERO-7A1 . . EJECTOR RACK, GFAE AERO-7A REPLACES, NOT INTCHG WITH 60A52J1 AERO-7A1 (T.O. 11B29- 3-14-2 ATTACHING PARTS	1 1		
- 45	NAS1304-3	. . BOLT	4		
- 46	AN960PD416	. . WASHER	4		
- 47	65J33320-25	. . SHIM -----X-----	2		
- 47.1	212-125	. . RECEPTACLE, DOOR ACCESS PYLON	20		

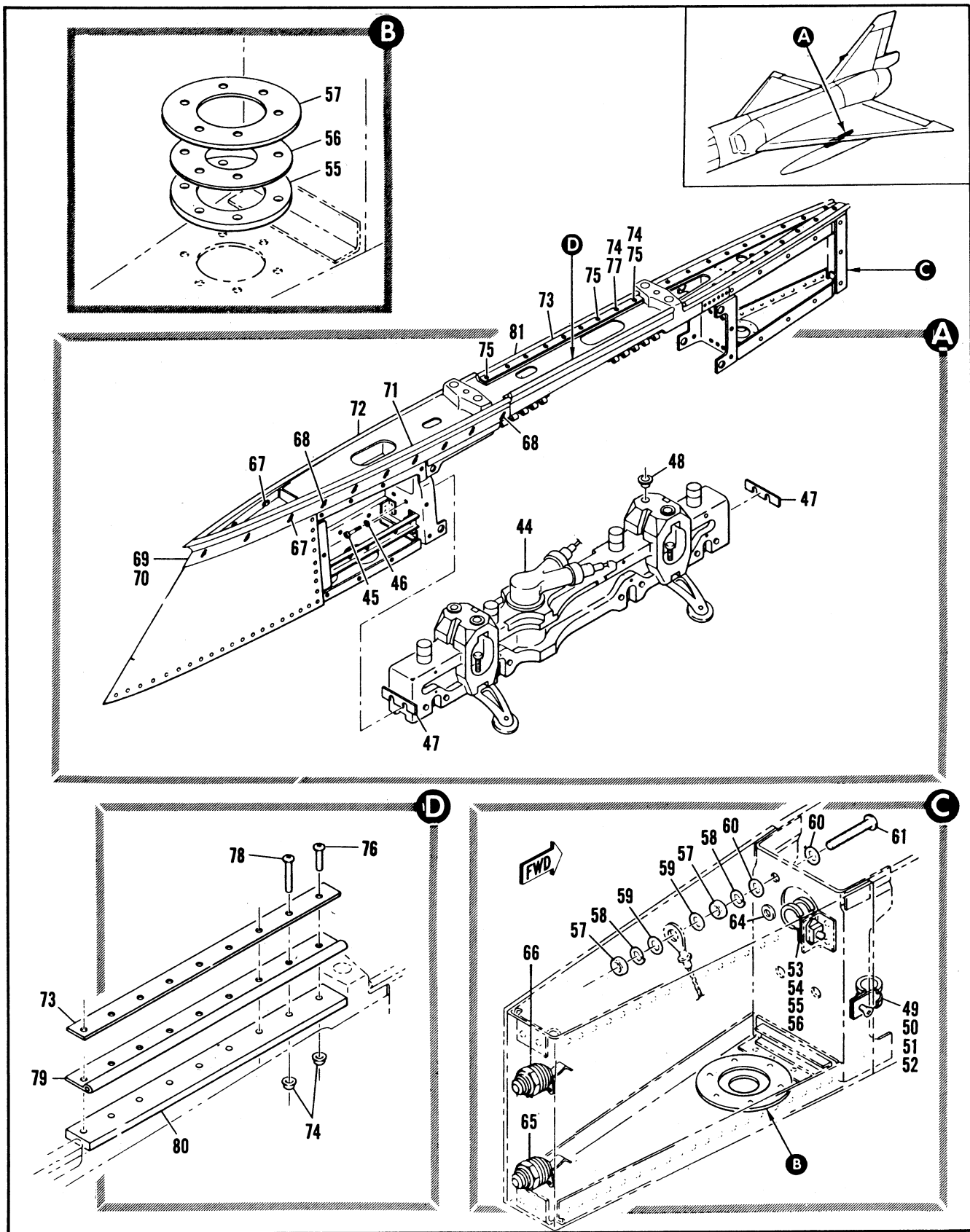


Figure 2.12-9. Pylon Installation and External Fuel Tank Release (Sheet 3 of 4)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-9- 48	65C33334-1	• • BUSHING, RELEASE RACK EXTERNAL FUEL TANK	4	35	
- 49	MS21919DF8	• • CLAMP	3	35	
- 50	MS21042L3	ATTACHING PARTS			
- 51	AN960PD10L	• • NUT	3	35	
- 52	AN509-10R4	• • WASHER	3	35	
		• • SCREW	3	35	
		-----X-----			
	65D35855-1	• • HARNESS ASSY	1	35	
- 53	MS21919DF6	• • CLAMP	1	35	
		ATTACHING PARTS			
- 54	NAS1068A3	• • NUT	1	35	
- 55	AN960PD10L	• • WASHER	1	35	
- 56	MS35207-262	• • SCREW	1	35	
		-----X-----			
- 57	AN345-10	• • NUT	2	35	
- 58	AN935-10	• • WASHER	2	35	
- 59	AN960-10L	• • WASHER	2	35	
- 60	AN960D10L	• • WASHER	2	35	
- 61	MS35207-265	• • SCREW	1	35	
- 62	65C33301-3	• • WASHER, FLAT	1	35	
- 63	65C33300-2	• • WASHER, NONMETALIC		35	
- 64	65C33301-5	• • WASHER, FLAT	1	35	
	65D35856-1	• • HARNESS ASSY (98750) DWG 65D35856, T.O. 11B29-3-14-2	1	35	
- 65	AN3117-1	• • RECEPTACLE	1	35	
		ATTACHING PARTS			
- 66	MS90298-1	• • RECEPTACLE (AN3117-1 ALT)	1	35	
		ATTACHING PARTS			
	AN935-616L	• • WASHER, LOCK	1	35	
	68D37746-7	• • DECAL (EARTH GROUND)	1	35	
	67D34662-5	• • DECAL (FUEL NOZZLE GROUND FOR -58)	1	35	
- 67	MS35207-262	• SCREW	6	35	
- 68	MS35207-264	• SCREW	14	35	
		-----X-----			
- 69	65E33341-1	• • FAIRING LH ASSEMBLY	2	278	291
	65E33341-3	• • FAIRING LH ASSEMBLY	2	A	
- 70	65E33341-2	• • FAIRING RH ASSEMBLY	2	278	291
	65E33341-4	• • FAIRING RH ASSEMBLY	2	A	
- 71	65E33341-9	• • SEAL MAKE FROM PART NUMBER 5516-1 (84914)	1	35	
- 72	65E33341-9	• • SEAL MAKE FROM PART NUMBER 5516-1 (84914)	1	35	
- 73	65J33320-41	• • RETAINER	2	35	
		ATTACHING PARTS			
- 74	MS21042L08	• • NUT	4		
- 75	MS35206-246	• • SCREW	8		
- 76	MS35206-247	• • SCREW	8		
- 77	MS35206-248	• • SCREW	1		
- 78	MS35206-250	• • SCREW	1		
		-----X-----			
- 79	65J33320-29	• • SEAL, OUTBD (84914)	1		
- 80	65J33320-11	• • FILLER, OUTBD	1		
- 81	65J33320-30	• • SEAL, INBD (84914)	1		

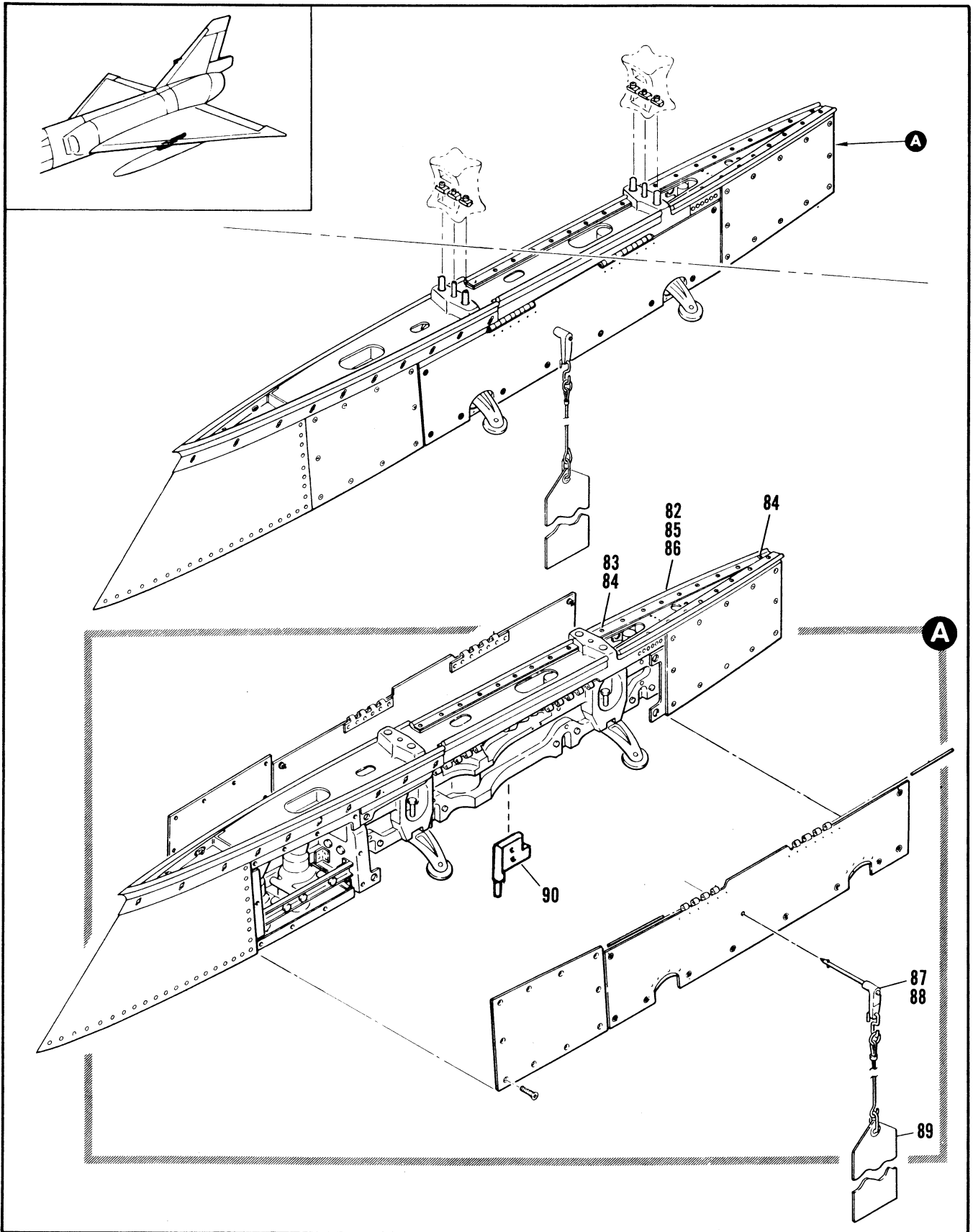


Figure 2.12-9. Pylon Installation and External Fuel Tank Release (Sheet 4 of 4)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-9- 82	65J33320-39	. . RETAINER	2	35	
		ATTACHING PARTS			
- 83	MS21061L08	. . NUT	1	35	
- 84	MS35206-246	. . SCREW	9	35	
- 85	65J33320-31	. . SEAL	2	35	
- 86	65J33320-15	. . FILLER, OUTBD	1	35	
- 87	65C33295-1	. . SAFETY PIN ASSEMBLY, EXTERNAL TANK	1	A	
- 88	51343	. . PIN (84256)	1	A	
- 89	NAS1091-30H	. . STREAMER ASSEMBLY	1	A	
- 90	3447449	. . SWITCH ASSEMBLY	1	35	
		A ADDED ON AIRPLANES #35 THRU 277, 292 AND ON			

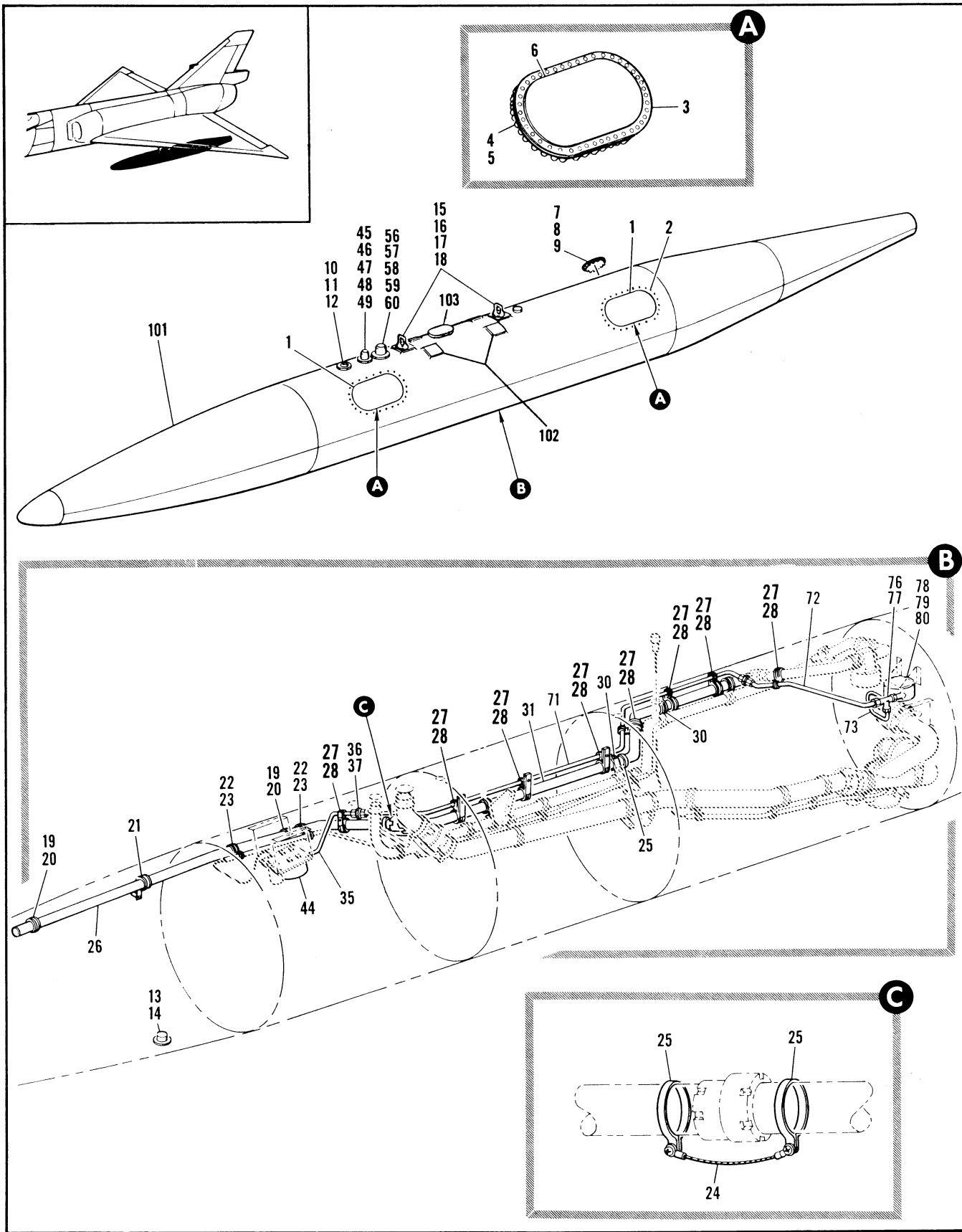


Figure 2.12-10. External Fuel Tank Assembly (Sheet 1 of 5)

2.12-10	65J33310-1	TANK ASSY, FUEL EXTERNAL FOR NHA SEE FIG. 2.1-1	RF	35
- 1	65E33312-1	• DOOR ASSY, ACCESS EXTERNAL FUEL TANK ATTACHING PARTS	2	35
- 2	NAS334CPA6	-----X----- -----X-----	43	35
- 3	65E33312-5	• SEAL (90056)	1	35
- 4	14630H-048	• • DOME NUT (80539) ATTACHING PARTS	43	35
- 5	MS20426AD3-7	• • RIVET -----X-----	86	35
- 6	65E33312-3	• • DOOR	1	35
- 7	65C35933-1	• SEAL ATTACHING PARTS	1	35
- 8	NAS333CPA4	• SCREW -----X-----	12	35
- 9	FV400-77 FV756	• CAP ASSY, FILLER (98817) • • COVER CAP	1	35
- 10	65B35907-1	• ADAPTER, VACUUM RELIEF VALVE	1	35
- 11	66B40836-1	• SEAL, FUEL RESISTANT, 2.5 INCH	1	35
- 12	1111-568371M1	• VALVE, VACUUM RELIEF (83259) SPEC 8-02999-5	1	35
- 13	19722	• VALVE, DRAIN (753617)	1	35
- 14	65C34875-1	• ADAPTER, DRAIN EXTERNAL TANK REPLACED BY SUITABLE SUB 65C35909-1	1	35
	65C35909-1	• ADAPTER, DRAIN EXTERNAL TANK REPLACES SUIT- ABLE SUB FOR 65C34875-1	1	35
- 15	65D33325-1	• ATTACHMENT LUG, EXTERNAL FUEL TANK ATTACHING PARTS	2	35
- 16	42FW1614	• NUT (56878)	1	35
- 17	MS20002-16	• WASHER -----X-----	1	35
- 18	MS9021-033	• PACKING	2	35
	65J35891-1	• FUEL SYSTEM INSTL, AIRCRAFT EXTERNAL TANK	1	35
- 19	S169DT16	• • CLAMP (92196) ATTACHING PARTS	2	35
- 20	AN520-10R10	• • SCREW -----X-----	2	35
- 21	S169DT16	• • CLAMP (92196) ATTACHING PARTS	1	35
	AN520-10R10	• • SCREW	1	35
	NAS43DD3-20	• • SPACER -----X-----	1	35
- 22	S169DT16	• • CLAMP (92196)	6	35
- 23	S169DT7	• • CLAMP (92196) ATTACHING PARTS	6	35
	MS21042L3	• • NUT	1	35
	AN520-10R10	• • SCREW -----X-----	1	35
- 24	MS25083-2BB3	• • JUMPER	2	35
- 25	AN735D16	• • CLAMP ATTACHING PARTS	6	35
	MS21042L3	• • NUT	6	35
	AN960-10L	• • WASHER	12	35
	AN526-1032R8	• • SCREW	6	35
- 26	65A35913-1	• • TUBE, PRESSURIZATION FWD EXTERNAL TANK ATTACHING PARTS	1	35
	3605-16D	• • COUPLING (79326)	1	
	MS29513-214	• • PACKING -----X-----	2	
- 27	S169DT16	• • CLAMP (92196)	8	
- 28	S169DT4	• • CLAMP (92196)	8	

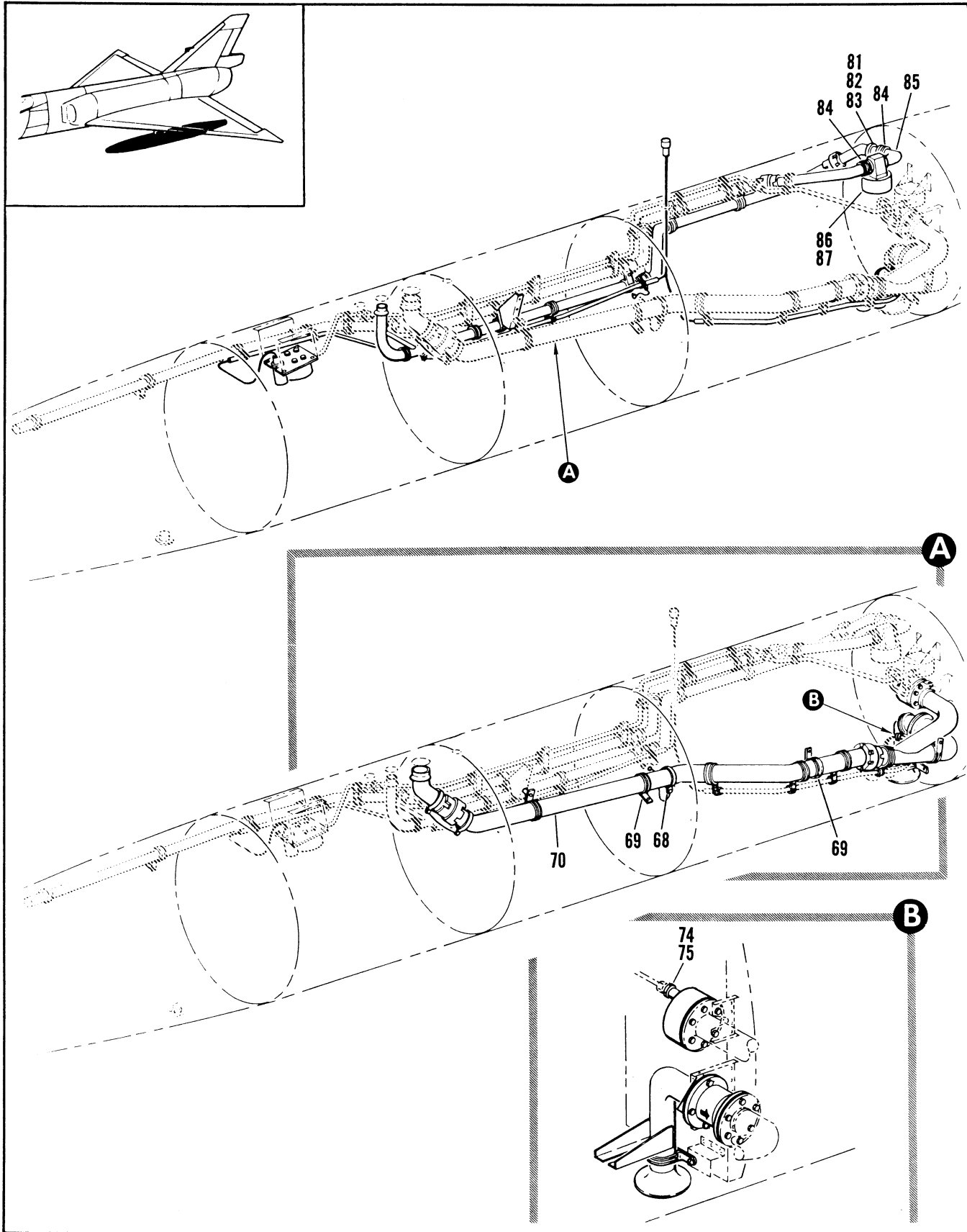


Figure 2.12-10. External Fuel Tank Assembly (Sheet 4 of 5)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-10- 68	AN735D24	• • CLAMP ATTACHING PARTS	1		
	MS21042L3	• • NUT	1		
	AN960-10L	• • WASHER	2		
	AN526-1032RH	• • SCREW	1		
- 69	MS21919DF24	• • CLAMP (92196) ATTACHING PARTS	2		
	AN520-10R10	• • SCREW	2		
- 70	65A35917-1	• • TUBE, FUEL TRANSFER AFT EXTERNAL TANK ATTACHING PARTS	1		
	3605-24D	• • COUPLING (79326)	1		
	MS29513-325	• • PACKING	2		
- 71	66A40928-1	• • TUBE, REFUEL SENSING CENTER ATTACHING PARTS	1		
	MS21902D4	• • UNION	1		
- 72	66A40929-1	• • TUBE, REFUEL SENSING AFT	1		
- 73	65A35918-1	• • TUBE, REFUELING PRESSURE SENSING ATTACHING PARTS	1		
- 74	MS21902D4	• • UNION	1		
- 75	MS29512-4	• • PACKING	1		
- 76	MS2192D4	• • TEE ATTACHING PARTS	1		
- 77	AN924-4D	• • NUT	1		
	MS29512-4	• • PACKING	1		
- 78	16-356-1	• • VALVE, SINGLE LEVEL PILOT (#2267) SPEC 8-00904 ATTACHING PARTS	1		
- 79	AN3H3A	• • BOLT	4		
- 80	AN935-10	• • WASHER	4		
- 81	MS25083-2RB3	• • JUMPER	1		
- 82	AN735D16	• • CLAMP ATTACHING PARTS	1		
- 83	MS21042L3	• • NUT	2		
	AN960-10L	• • WASHER	2		
	AN960D10L	• • WASHER	2		
	AN935-10	• • WASHER	1		
	AN526-103210	• • SCREW	2		
- 84	S169DT16	• • CLAMP (92196) ATTACHING PARTS	2		
	AN520-10R10	• • SCREW	1		
- 85	65E35911-1	• • TUBE ASSY, FUEL VENT, AFT EXTERNAL TANK WELDED	1		
- 86	2660405	• • VALVE (92003) ATTACHING PARTS	1		
- 87	MS29512-16	• • PACKING	1		

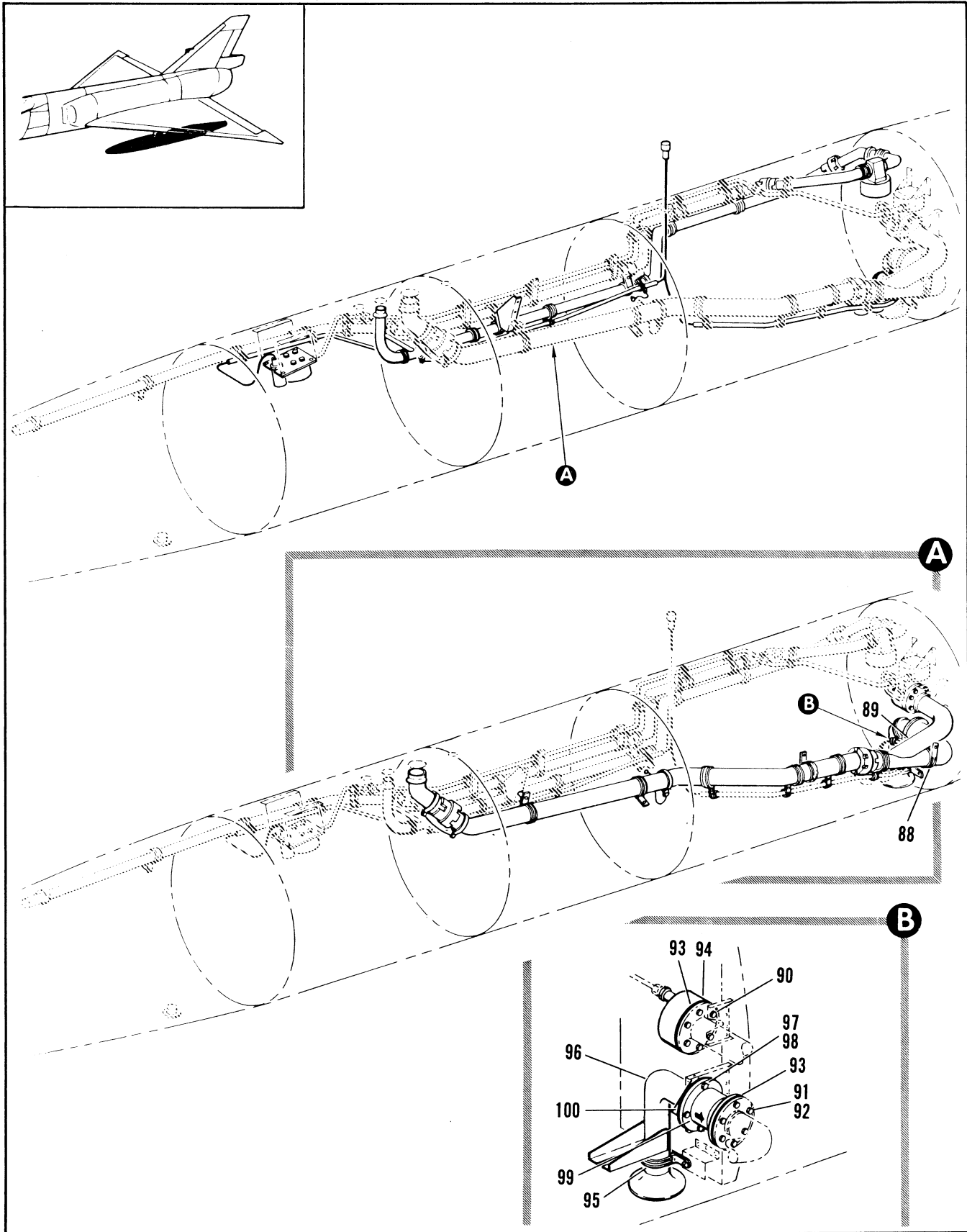


Figure 2.12-10. External Fuel Tank Assembly (Sheet 5 of 5)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-10- 88	S169DT24	• • CLAMP (92196) ATTACHING PARTS	1		
	AN520-10R10	• • SCREW	1		
- 89	65E35889-1	• • TUBE ASSY, FUEL DISCHARGE AND INTAKE WELDED ATTACHING PARTS	1		
- 90	AN4-5A	• • BOLT	6		
- 91	MS21042L4	• • NUT	6		
- 92	AN4-7A	• • BOLT	6		
- 93	075156-4	• • SEAL (83259) SPEC 8-02287-7	2		
- 94	15-356-101	• • VALVE (82267) SPEC 8-00903-1	1		
- 95	S169DT24	• • CLAMP (92196) ATTACHING PARTS	1		
	AN520-10R10	• • SCREW	1		
- 96	65D35882-1	• • ELBOW ASSY, FUEL INLET EXTERNAL TANK WELDED	1		
- 97	MS21042L4	• • NUT	2		
- 98	AN4-11A	• • BOLT	4		
- 99	25-6500-3	• • VALVE (96736) SPEC 8-00954	1		
-100	MS27198-24	• • SEAL	1		
-101	65J33310-3	• • TANK, FUEL EXTERNAL WELDED	1		
-102	65C33336-3	• • PAD, EXTERNAL TANK	4		
-103	67C35602	• • ADAPTER PLATE, RAM	1		

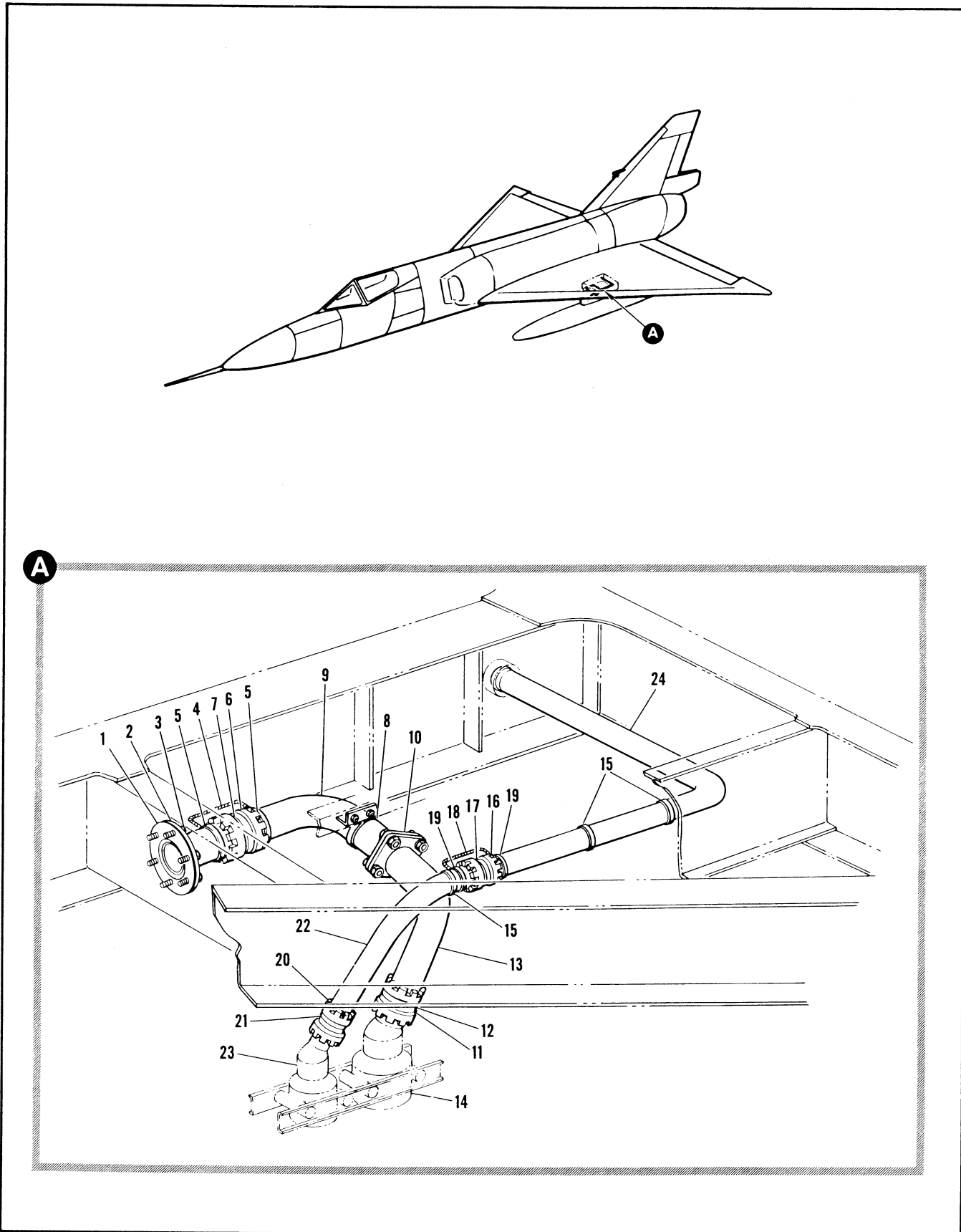


Figure 2.12-11. External Fuel Tank and Vent Line Tubing Installation Intermediate Wing Box

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-11	65J35879-1	FUEL SYSTEM INSTALLATION, INTERMEDIATE WING BOX LH FOR NHA SEE FIG. 2.6-33	RF		
	65J35879-2	FUEL SYSTEM INSTALLATION, INTERMEDIATE WING BOX RH FOR NHA SEE FIG. 2.6-33	RF		
- 1	65C35875-1	• TUBE ASSEMBLY, 6 BOLT FLANGE WELDED	1		
- 2	J75156-4	• SEAL (89259) SPEC 8-00287-7 ATTACHING PARTS	1		
- 3	AN4-11A	• BOLT -----X-----	6		
- 4	MS25083-2BB4	• JUMPER	1		
- 5	AN735D24	• CLAMP ATTACHING PARTS	2		
	MS21042L3	• NUT	2		
	AN526-1032R7	• SCREW -----X-----	2		
- 6	3605-24D	• COUPLING (79326) 92-72500-003	1		
- 7	MS29513-325	• PACKING	2		
- 8	S169DT24	• CLAMP (92196) ATTACHING PARTS	1		
- 9	65C35876-1	• TUBE ASSEMBLY, 4 BOLT FLANGE LH	1		
	65C35876-2	• TUBE ASSEMBLY, 4 BOLT FLANGE RH	1		
- 10	MS27198-24	• SEAL ATTACHING PARTS	1		
	MS21042L4	• NUT	4		
	AN4-5A	• BOLT -----X-----	4		
- 11	3605-24D	• COUPLING (79326) 92-72500-003	1		
- 12	MS29513-325	• PACKING	2		
- 13	65C35877-1	• TUBE ASSEMBLY, 4 BOLT FLANGE PYLON WELDED	1		
- 14		• COUPLING (91561) SEE FIG. 2.12-9 INDEX 33	RF		
- 15	MS21919DF16	• CLAMP (92196) ATTACHING PARTS	1		
	MS21042L3	• NUT	3		
	AN520-10R8	• SCREW -----X-----	3		
- 16	3605-16D	• COUPLING (79326) 92-72500-001	1		
- 17	MS29513-214	• PACKING	2		
- 18	MS25083-2BB3	• JUMPER	1		
- 19	AN735-D16	• CLAMP ATTACHING PARTS	2		
	MS21042L3	• NUT	2		
	AN526-1032R7	• SCREW -----X-----	2		
- 20	3605-16D	• COUPLING (79326) 92-72500-001	1		
- 21	MS29513-214	• PACKING	2		
- 22	65A35902-1	• TUBE, VENT 1.00 INCH LH	1		
	66A41644-1	• TUBE, VENT 1.00 INCH RH	1		
- 23		• COUPLING (91561) SEE FIG. 2.12-9 INDEX 34	RF		
- 24	65A35901-1	• TUBE, VENT 1.00 INCH LH	1		
	66A41633-1	• TUBE, VENT 1.00 INCH RH	1		

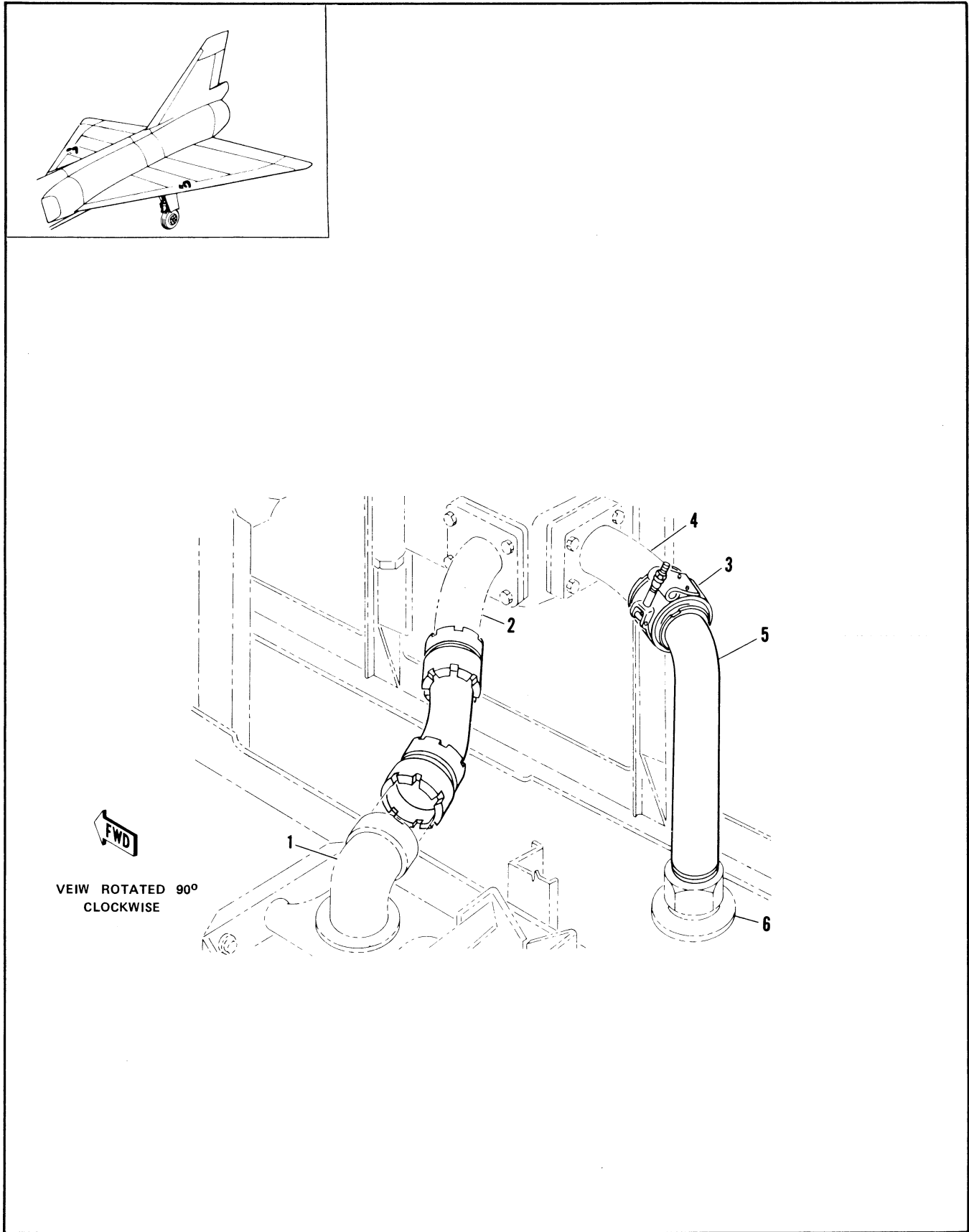


Figure 2.12-12. External Tank Pressure Relief Tubing Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-12	8-21166-2	TUBING INSTALLATION, EXTERNAL TANK PRESSURE RELIEF RH FOR NHA SEE FIG. 2.6-32	RF	35	
- 1		• COUPLING, SEE FIG. 2.12-1	RF		
- 2		• TUBE ASSY, AIR PRESSURE EXTERNAL TANK SEE FIG. 2.12-1 INDEX 43	RF		
- 3	CF14-100	• COUPLING, <98625> 92-73008-005 REPLACED BY SUITABLE SUB 51500-2-100	1	35	60
	51500-2-100	• COUPLING, <98625> 52-73008-012 REPLACES SUITABLE SUB FOR CF14-100	1	61	
- 4		• TUBE ASSY, EXTERNAL TANK WING VENT OUTLET SEE FIG. 2.12-1 INDEX 42	RF		
- 5	8-21150-1	• TUBE	1	35	
- 6		• FLANGE, EXTERNAL TANK VENT OUTLET	RF		

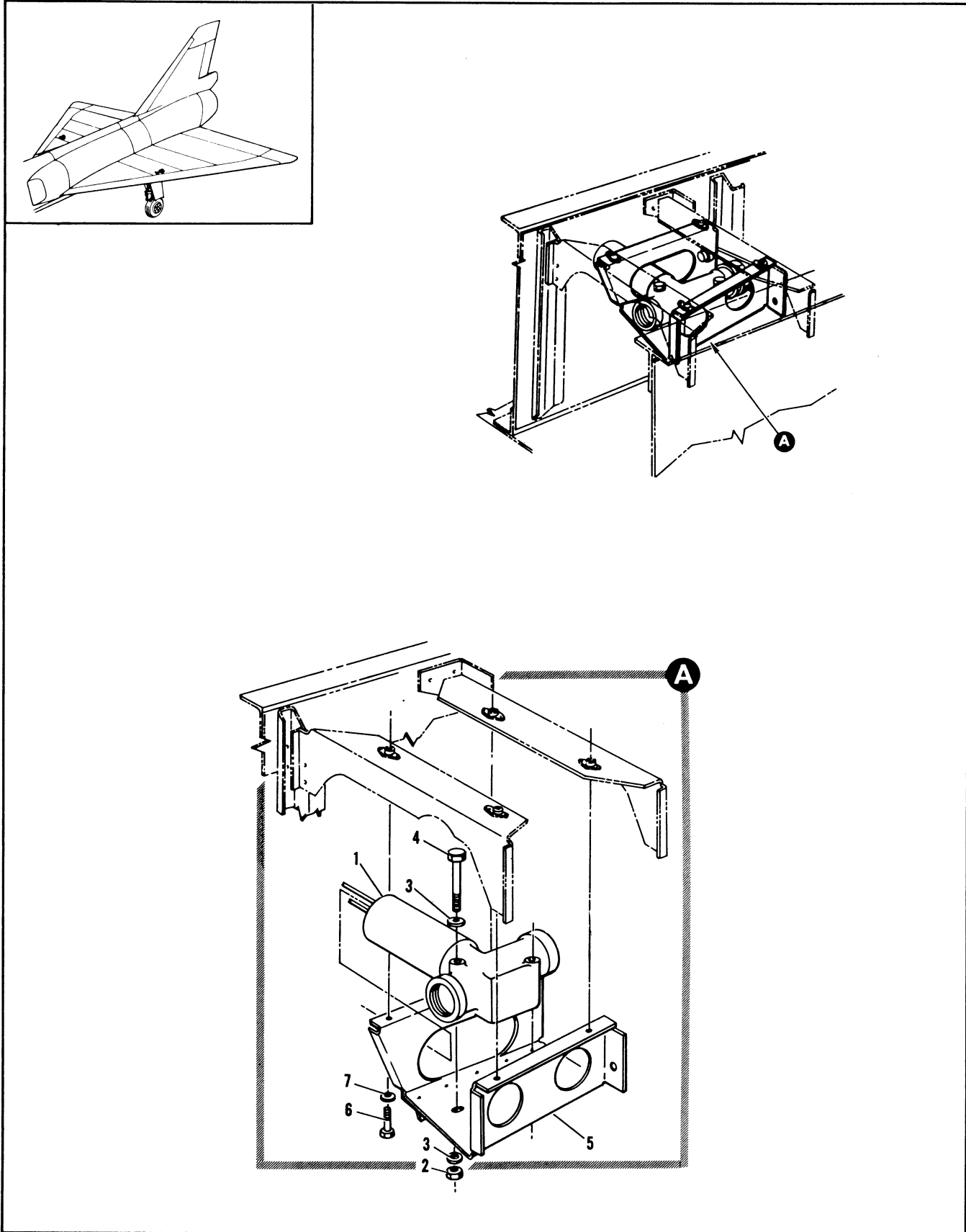


Figure 2.12-13. External Tank Shutoff Valve Installation Sta 442 to 450

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-13	8-21524-1	SEE FIG. 2-6-39 INDEX 9 VALVE INSTALLATION, EXTERNAL TANK SHUTOFF STA 442 TO 450 LH FOR NHA SEE FIG. 2-6-32	RF	35	
	8-21524-2	VALVE INSTALLATION, EXTERNAL TANK SHUTOFF STA 442 TO 450 RH FOR NHA SEE FIG. 2-6-32	RF	35	
- 1	2326-101	• VALVE ASSY, SHUTOFF <31189> SPEC 8-00971-3 T.O. 6J15-10-111-3 REPLACED BY SUITABLE SUB 2326-105	1	35	188
	2326-105	• VALVE ASSY, SHUTOFF <31189> SPEC 8-00971-5 T.O. 6J15-10-111-3 REPLACES SUITABLE SUB FOR 2326-101 ATTACHING PARTS	1	189	
- 2	NAS679A3	• NUT	2	35	
- 3	AN960-10	• WASHER	4	35	
- 4	AN3-20A	• BOLT	2	35	
		-----X-----			
- 5	8-21524-33	• SUPPORT ASSY, LH RIVETED	1	35	
	8-21524-34	• SUPPORT ASSY, RH RIVETED ATTACHING PARTS	1	35	
- 6	AN3-4A	• BOLT	4	35	
- 7	AN960-10	• WASHER	4	35	
		-----X-----			

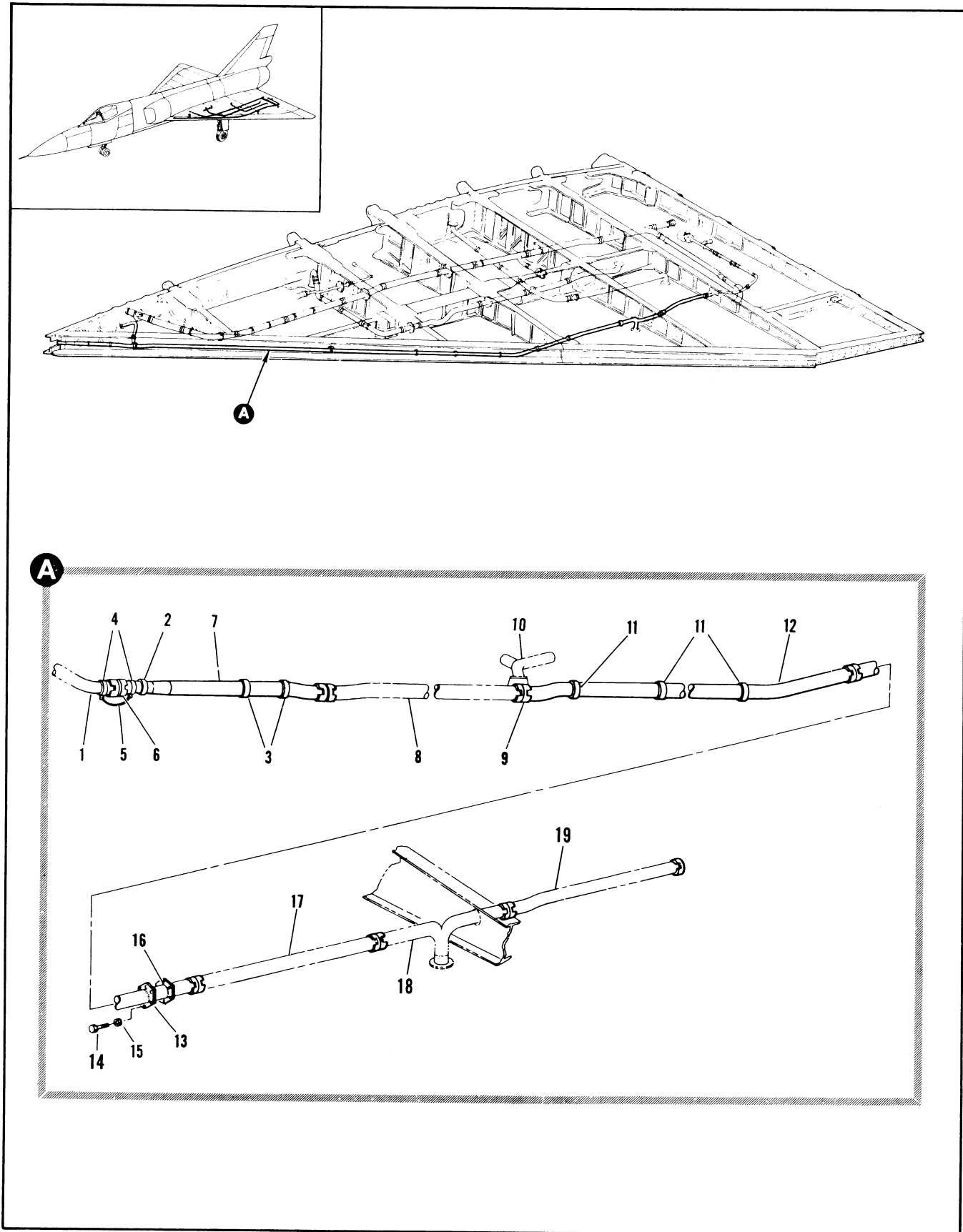


Figure 2.12-14. Fuel Flow Wing Tubing Installation (Sheet 1 of 6)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-13	8-21524-1	SEE FIG. 2-6-39 INDEX 9 VALVE INSTALLATION, EXTERNAL TANK SHUTOFF STA 442 TO 450 LH	RF	35	
	R-21524-2	FOR NHA SEE FIG. 2-6-32 VALVE INSTALLATION, EXTERNAL TANK SHUTOFF STA 442 TO 450 RH	RF	35	
- 1	2326-101	FOR NHA SEE FIG. 2-6-32 • VALVE ASSY, SHUTOFF <31189> SPEC 8-00971-3 T.O. 6J15-10-111-3 REPLACED BY SUITABLE SUB 2326-105	1	35	188
	2326-105	• VALVE ASSY, SHUTOFF <31189> SPEC 8-00971-5 T.O. 6J15-10-111-3 REPLACES SUITABLE SUB FOR 2326-101 ATTACHING PARTS	1	189	
- 2	NAS679A3	• NUT	2	35	
- 3	AN960-10	• WASHER	4	35	
- 4	AN3-20A	• BOLT	2	35	
		-----X-----			
- 5	8-21524-33	• SUPPORT ASSY, LH RIVETED	1	35	
	8-21524-34	• SUPPORT ASSY, RH RIVETED ATTACHING PARTS	1	35	
- 6	AN3-4A	• BOLT	4	35	
- 7	AN960-10	• WASHER	4	35	
		-----X-----			

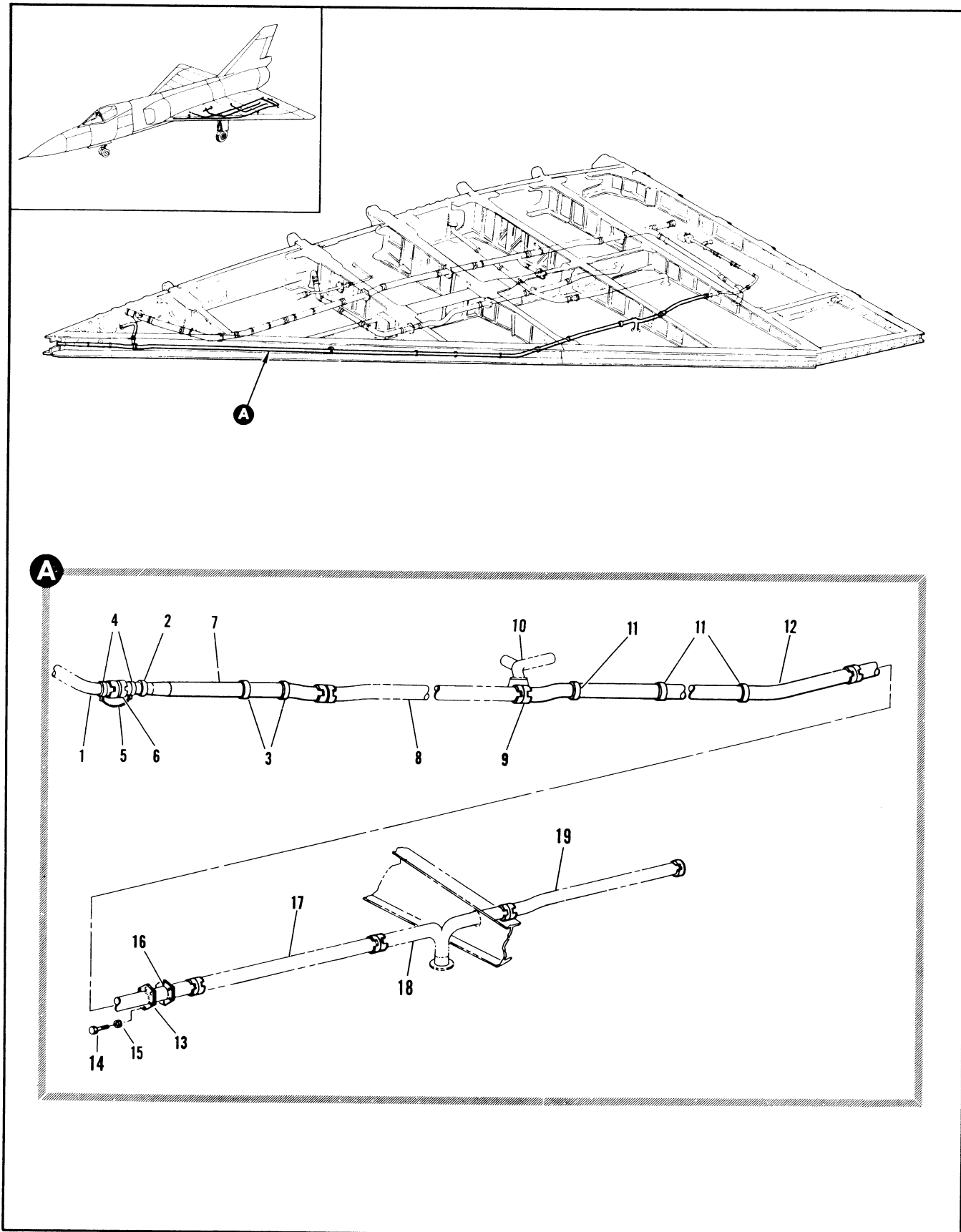


Figure 2.12-14. Fuel Flow Wing Tubing Installation (Sheet 1 of 6)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-14	8-20324-813	TUBING INSTALLATION, FUEL FLOW WING LH FOR NHA SEE FIG. 2.6-32	RF	35	188
	8-20324-825	TUBING INSTALLATION, FUEL FLOW WING LH FOR NHA SEE FIG. 2.6-32	RF	189	
	8-20324-815	TUBING INSTALLATION, FUEL FLOW WING RH FOR NHA SEE FIG. 2.6-32	RF	35	188
	8-20324-827	TUBING INSTALLATION, FUEL FLOW WING RH FOR NHA SEE FIG. 2.6-32	RF	189	
- 1		• TUBE ASSY, SEE FIG. 2.12-49 INDEX 16	RF		
- 2	91-98026-023	• CLAMP	1	35	
- 3	MS21919DF32	• CLAMP	2	35	
	NAS679A3	ATTACHING PARTS	3	35	
	AN520-1GR8	• NUT, 96-37545-002	3	35	
		• SCREW			
		-----X-----			
- 4	AN735D24	• CLAMP	2	35	
		ATTACHING PARTS			
	NAS679A3	• NUT	2	35	
	AN960D1GL	• WASHER	2	35	
	AN520-1032R6	• SCREW	2	35	
		-----X-----			
- 5	MS25083-1BB4	• JUMPER	1	35	
- 6	3605-24D	• COUPLING, <79326> 92-72500-003	2	35	
	MS29513-325	• PACKING	1	A	
- 7	8-21135-11	• TUBE, LEADING EDGE VENT FWD LH	1	B	
	8-21592-11	• TUBE, LEADING EDGE VENT FWD RH	RF		
- 8		• TUBE ASSY, SEE FIG. 2.12-18 INDEX 8	1	35	
- 9	3655-20D	• COUPLING, <79326> 92-72501-004	1	35	
	MS29513-218	• PACKING	RF		
- 10		• TUBE ASSY, VENT SUCTION RELIEF SEE FIG. 2.12-25 INDEX 2	3	35	
- 11	MS21919DF32	• CLAMP	3	35	
		ATTACHING PARTS			
	NAS679A3	• NUT, 96-37545-002	3	35	
	AN520-10R8	• SCREW			
		-----X-----			
- 12	8-21134-5	• TUBE ASSY, LEADING EDGE VENT AFT LH WELDED	1	A	
	8-21134-6	• TUBE ASSY, LEADING EDGE VENT AFT RH WELDED	1	B	
	8-21296-1	• TUBE ASSY, LEADING EDGE VENT AFT WELDED	1	35	
- 13	8-21593	• TUBE ASSY, VENT WELDED			
		ATTACHING PARTS			
- 14	AN4-11A	• BOLT	6	35	
- 15	AN960U416	• WASHER	6	35	
		-----X-----			
- 16	075156-1	• GASKET, <83259> SPEC 8-02287-1	1	35	
- 17		• TUBE ASSY, SEE FIG. 2.12-19 INDEX 42	RF		
- 18		• OUTLET ASSY, FUEL TANK #2 VENT SEE FIG. 2.12-1	RF		
- 19		• TUBE ASSY, SEE FIG. 2.12-19 INDEX 49	RF		
		A AIRPLANES #35 THRU 277, 287, 292 AND ON			
		B AIRPLANES #278 THRU 286 AND 288 THRU 291			

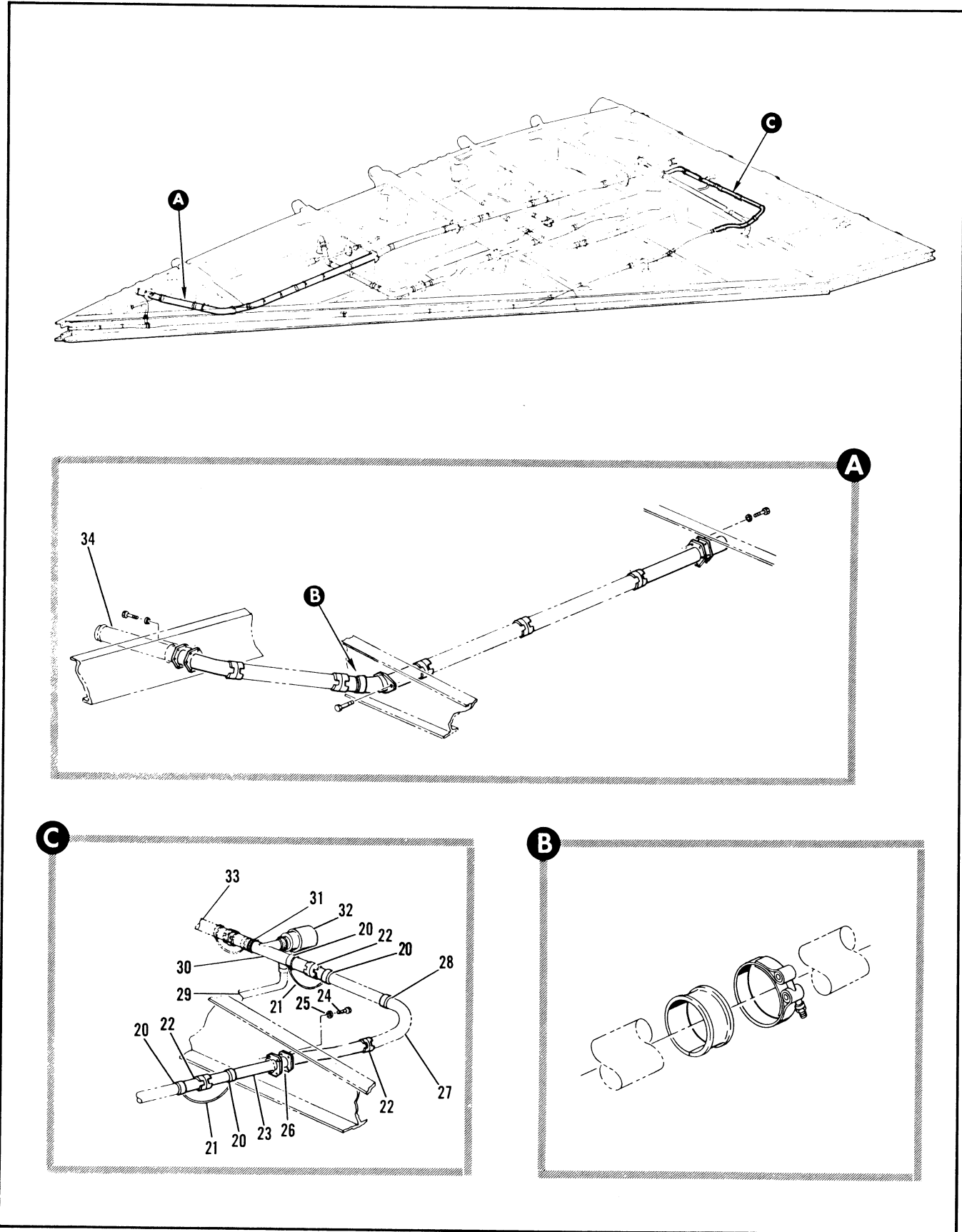


Figure 2.12-14. Fuel Flow Wing Tubing Installation (Sheet 2 of 6)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-14- 20	91-98026-027	• CLAMP ATTACHING PARTS	6	35	
	NAS679A3	• NUT	6	35	
	AN960D10L	• WASHER	6	35	
	AN526-1032R6	• SCREW	6	35	
		----X----			
- 21	MS25083-1BB3	• JUNPER	3	35	
- 22	3605-24D	• COUPLING, <79326> 92-72500-003	4	35	
	MS29513-325	• PACKING	8	35	
- 23	R-21596	• TUBE ASSY, TRANSFER TANK VENT WELDED ATTACHING PARTS	1	35	
		• BOLT	4	35	
- 24	AN4-10A	• WASHER	4	35	
- 25	AN960D416	• WASHER	4	35	
		----X----			
- 26	075556-2	• GASKET, <83259> SPEC R-02291-3	1	35	
- 27		• TUBE ASSY, SEE FIG. 2.12-21 INDEX 200	RF		
- 28	91-98026-023	• CLAMP ATTACHING PARTS	1	35	
	NAS679A3	• NUT, 96-37545-002	1	35	
	AN520-1032R8	• SCREW	1	35	
		----X----			
- 29		• ELBOW, SEE FIG. 2.12-21 INDEX 155	RF		
- 30	8-21094-1	• TUBE ASSY, VACUUM AND PRESSURE RELIEF LH WELDED	1	35	
	8-21094-2	• TUBE ASSY, VACUUM AND PRESSURE RELIEF	1	35	
		• RH WELD			
- 31	91-98026-027	• CLAMP ATTACHING PARTS	1	35	
	AN520-1032R9	• SCREW	1	35	
		----X----			
- 32	MS29512-16	• GASKET	1	35	
	312200	• VALVE ASSY, RELIEF VACUUM <96124> SPEC R-02997 T.O. 6J15-8-91-3	1	35	
- 33		• TUBE ASSY, SEE FIG. 2.12-22 INDEX 160	RF		
- 34		• TUBE ASSY, LH SEE FIG. 2.12-48 INDEX 34	RF		

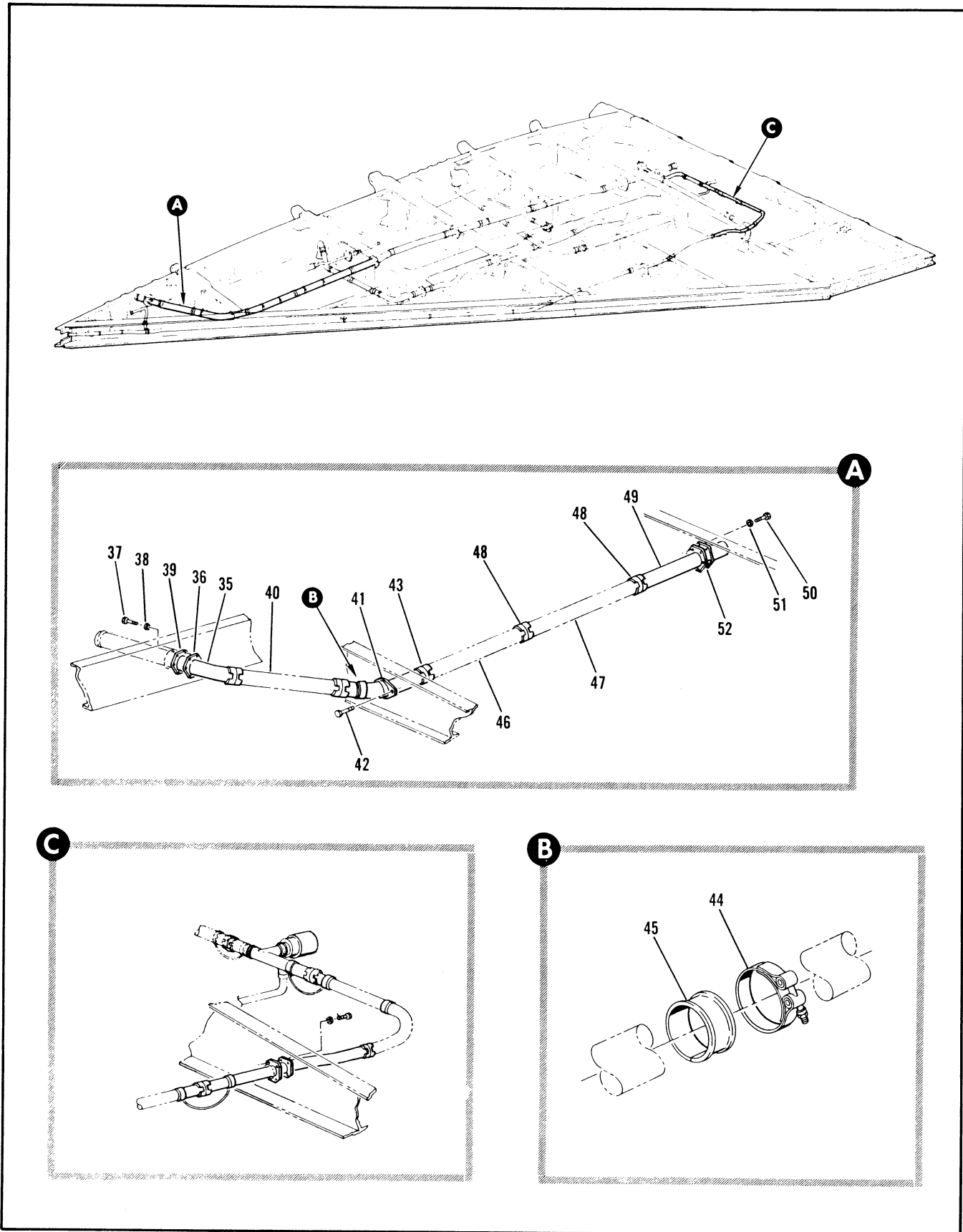


Figure 2.12-14. Fuel Flow Wing Tubing Installation (Sheet 3 of 6)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE		
				FROM	TO	
2.12-14- 35	8-21580-5	• TUBE ASSY, CG FUEL TRANSFER LH WELDED REPLACED BY NOT INTCHG WITH 8-21580-801	1	35	188	
	8-21580-803	• TUBE ASSY, CG FUEL TRANSFER LH WELDED REPLACES SUITABLE SUB FOR 8-21580-801	1	241		
	8-21580-3	• TUBE ASSY, CG FUEL TRANSFER RH WELDED REPLACED BY NOT INTCHG WITH 8-21580-802	1	35	188	
	8-21580-804	• TUBE ASSY, CG FUEL TRANSFER RH WELDED REPLACES SUITABLE SUB FOR 8-21580-802	1	241		
	- 36	8-21273-9	• PLATE ATTACHING PARTS	1	35	
	- 37	AN4-11A	• BOLT	6	35	
	- 38	AN960D416L	• WASHER -----X-----	6	35	
	- 39	075156-2	• GASKET, <83259> SPEC 8-02287-3	1	35	
	- 40		• TUBE ASSY, SEE FIG. 2.12-15 INDEX 50	RF		
	- 41	8-21582 8-21582-1	• TUBE ASSY, CG FUEL TRANSFER SPAR #2 WELDED • TUBE ASSY, CG FUEL TRANSFER SPAR #2 WELDED ATTACHING PARTS	1	35	240
				1	241	
	- 42	AN3-7A	• BOLT -----X-----	2	35	
	- 43	3605-48D	• COUPLING, <79326> 92-72500-005	1	35	
	- 44	MS29513-337	• PACKING	1	35	
	- 45	50230C75-308M	• CLAMP, <98625> 91-97802-039	1	35	
- 46	8-28277-9	• PAD	RF			
- 47		• TUBE ASSY,	RF			
- 48	3605-48D	• TUBE ASSY,	1	35		
- 49	MS29513-337 8-21581-3	• COUPLING, <79326> 92-72500-005 • PACKING • TUBE ASSY, WELDED REPLACES SUITABLE SUB FOR 8-21581 ATTACHING PARTS	1	35		
- 50	AN4-11A	• BOLT	6	35		
- 51	AN960D416L	• WASHER -----X-----	6	35		
- 52	075156-2	• GASKET, <83259> SPEC 8-02287-3	1	35		

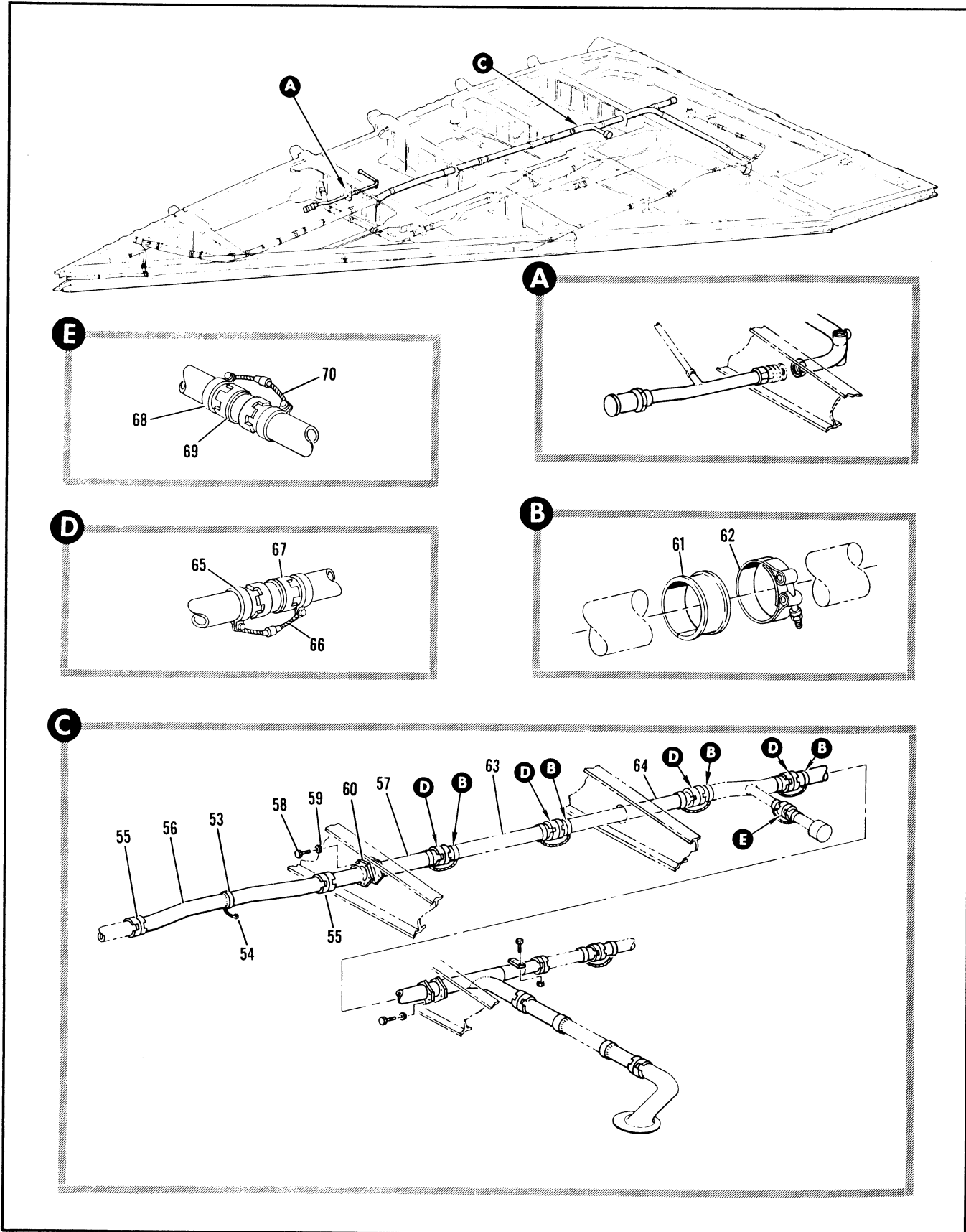


Figure 2.12-14. Fuel Flow Wing Tubing Installation (Sheet 4 of 6)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-14- 53	AN735D48	• CLAMP ATTACHING PARTS	1	35	
	NAS679A3	• NUT	1	35	
	AN960D10L	• WASHER	2	35	
	AN526-1032	• SCREW	1	35	
		-----X-----			
- 54	MS25083-26B4	• JUMPER ATTACHING PARTS	1	35	
	NAS679A3	• NUT	1	35	
	AN935-10L	• WASHER	1	35	
	AN960-10L	• WASHER	1	35	
	AN960D10L	• WASHER	2	35	
	NAS428-3-4	• BOLT	1	35	
		-----X-----			
- 55	3605-48D	• COUPLING, <79326> 92-72500-005	2	35	
	MS29513-337	• PACKING	2	35	
- 56	8-21564	• TUBE ASSY, CG FUEL TRANSFER LH	1	35	240
	8-21564-1	• TUBE ASSY, CG FUEL TRANSFER LH WELDED ALT INTCHG WITH 8-21564	RF 35	35	240
	8-21564-23	• TUBE ASSY, CG FUEL TRANSFER LH WELDED	1	241	
	8-21564-15	• TUBE ASSY, CG FUEL TRANSFER RH	1	35	240
	8-21564-3	• TUBE ASSY, CG FUEL TRANSFER RH WELDED ALT INTCHG WITH 8-21564-15	RF 35	35	240
	8-21564-25	• TUBE ASSY, CG FUEL TRANSFER RH WELDED	1	241	
- 57	8-2158-5	• TUBE ASSY, WELDED ATTACHING PARTS	1		
- 58	AN4-11A	• BOLT	6	35	277
	AN4-10A	• BOLT	6	278	
- 59	AN960D416L	• WASHER	6	35	277
	AN960D416	• WASHER	6	278	
		-----X-----			
- 60	075156-2	• GASKET, <83259> SPEC 8-02287-3	1	35	
- 61	50230C75-308M	• CLAMP, <92625> 91-97802-039	3	35	
- 62	8-28277-9	• PAD	3	35	
- 63		• TUBE ASSY, SEE FIG. 2.12-20 INDEX 23	RF		
- 64		• TUBE ASSY, SEE FIG. 2.12-20 INDEX 24	RF		
- 65	AN735D48	• CLAMP ATTACHING PARTS	4	35	
	NAS679A3	• NUT	4	35	
	AN960D10L	• WASHER	4	35	
	AN526-1032R6	• SCREW	4	35	
		-----X-----			
- 66	MS25083-18B4	• JUMPER	2	35	
- 67	3605-48D	• COUPLING, <79326> 92-72500-005	2	35	
	MS29513-337	• PACKING	1	35	
- 68	AN735D24	• CLAMP ATTACHING PARTS	2	35	
	NAS679A3	• NUT	2	35	
	AN960D10L	• WASHER	2	35	
	AN526-1032R6	• SCREW	2	35	
		-----X-----			
- 69	MS25083-18B4	• JUMPER	1	35	
- 70	3605-24D	• COUPLING, <79326> 92-72500-003	1	35	
	MS29513-337	• PACKING	1	35	

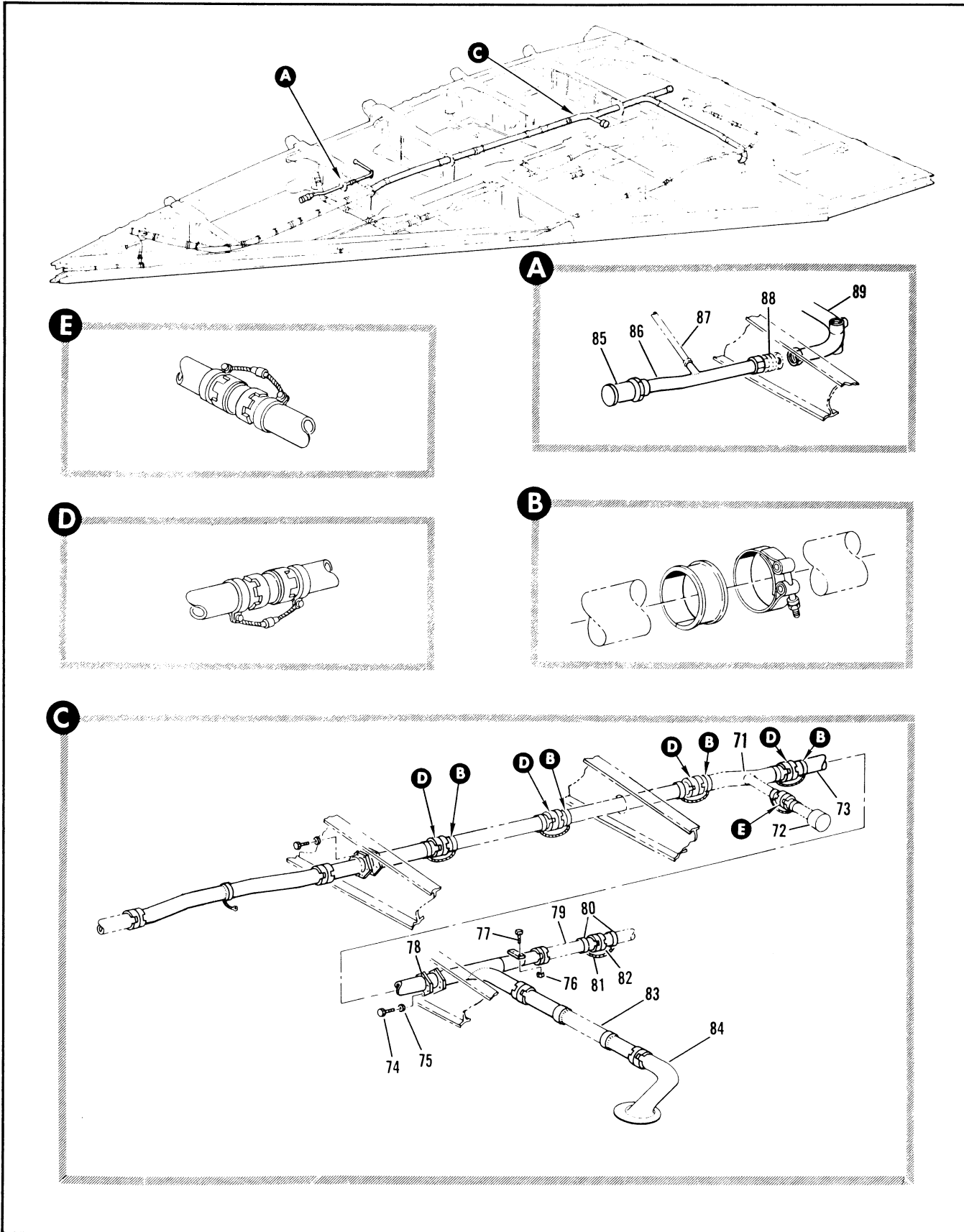


Figure 2.12-14. Fuel Flow Wing Tubing Installation (Sheet 5 of 6)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
				1	2	3	4	5	6
2.12-14- 71		• TUBE ASSY, CG FUEL TRANSFER SEE FIG. 2.12-17 INDEX 5	RF		
- 72		• VALVE ASSY, SHUTOFF STA 542 SEE FIG. 2.12-17 INDEX 1	RF		
- 73	8-21583-1 8-21583-2	• TUBE ASSY, LH MODIFIED BY 8-20381 • TUBE ASSY, RH ATTACHING PARTS	1 1	35 35	
- 74	AN4-10A	• BOLT	6	35	
- 75	AN963D416L	• WASHER	6	35	
- 76	NAS679A3	• NUT, 96-37545-002	2	35	
- 77	AN3-4A	• BOLT	2	35	
		----X----			
	8-21118-11	• SUPPORT, REPLACED BY NOT INTCHG WITH 8-21118-17	1	35	188
	8-21118-12	• SUPPORT, REPLACED BY NOT INTCHG WITH 8-21118-18	1	35	188
- 78	75156-2	• GASKET, <83259> SPEC 8-02287-3	1	35	
- 79		• TUBE ASSY, SEE FIG. 2.12-21 INDEX 12C	RF		
- 80	AN735D40	• CLAMP ATTACHING PARTS	2	35	
		• NUT	2	35	
		• WASHER	2	35	
		• SCREW	2	35	
		----X----			
- 81	MS25083-18B4	• JUMPER	1	35	
- 82	3605-40D MS29513-333	• COUPLING, <79326> 92-72500-054 • PACKING	1 2	35 35	
- 83		• TUBE ASSY, SEE FIG. 2.12-23 INDEX 19	RF		
- 84		• BELLMOUTH ASSY, SEE FIG. 2.12-27 INDEX 3	RF		
- 85	1111-568372	• VALVE ASSY, <92003> SPEC 8-02299-1 T.O. 6J15-2-105-32	1	35	
- 86	8-21121-1	• TUBE ASSY, TANK #1 LH	1	35	
	8-21121-2	• TUBE ASSY, TANK #1 RH	1	35	
- 87		• TUBE ASSY, LH SEE FIG. 2.12-16 INDEX 25	RF		
- 88		• UNION, SPAR #3 BL 43 AND 44 SEE FIG. 2.12-66 INDEX 4	RF		
- 89	8-21597-3	• TUBE ASSY, FUEL TANK PRESSURE MLG. WHEEL WELL LH	1	35	
	8-21597-4	• TUBE ASSY, FUEL TANK PRESSURE MLG. WHEEL WELL RH	1	35	

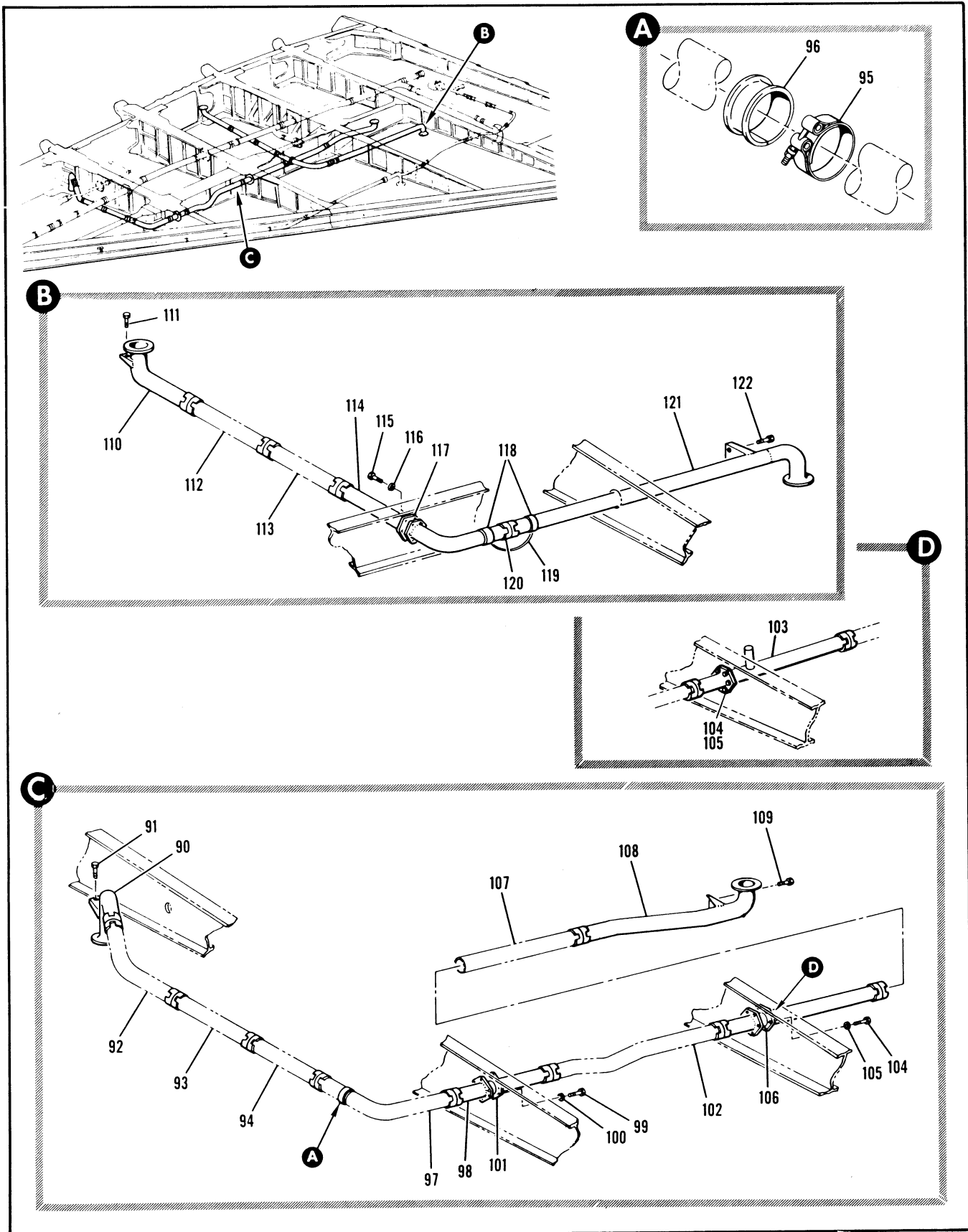


Figure 2.12-14. Fuel Flow Wing Tubing Installation (Sheet 6 of 6)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-14- 90	8-21570-1	• BELLMOUTH ASSY, TANK #1 LH	1	35	
	8-21570-2	• BELLMOUTH ASSY, TANK #1 RH	1	35	
- 91	AN3-4A	• ATTACHING PARTS	2	35	
		• BOLT			
		----X----			
- 92		• TUBE ASSY, SEE FIG. 2.12-15 INDEX 221	RF		
- 93		• TUBE ASSY, SEE FIG. 2.12-15 INDEX 222	FF		
- 94		• TUBE ASSY, SEE FIG. 2.12-15 INDEX 223	RF		
- 95	MS21919DF-42	• CLAMP	1	35	
- 96	8-28277-7	• PAD	1	35	
- 97		• TUBE ASSY, SEE FIG. 2.12-15 INDEX 224	RF		
- 98	8-21572	• TUBE ASSY, WELDED	1	35	
		• ATTACHING PARTS			
- 99	AN4-11A	• BOLT	6	35	
-100	AN960D416	• WASHER	6	35	
		----X----			
-101	075156-3	• GASKET, <83259> SPEC 8-02287-5	1	35	
-102		• TUBE ASSY, LH SEE FIG. 2.12-37 INDEX 110	RF		
-103	66E40985-1	• TUBE ASSY, WELDED ALTERED FROM 8-21599	1		
		• ATTACHING PARTS			
-104	AN4-10A	• BOLT	3	35	
-105	AN960D416L	• WASHER	3	35	
		----X----			
-106	075156-3	• GASKET, <83259> SPEC 8-02287-5	1	35	
-107		• TUBE ASSY, LH SEE FIG. 2.12-19 INDEX 58	RF		
-108	8-21571-1	• BELLMOUTH ASSY, TANK #2 LH REPLACED BY NOT INTCHG WITH 8-21613-1	1	C	
	8-2157-2	• BELLMOUTH ASSY, TANK #2 RH REPLACED BY NOT INTCHG WITH 8-21613-2	1	C	
		• ATTACHING PARTS			
-109	AN3-4A	• BOLT	2	C	
		----X----			
-110	8-21577	• BELLMOUTH ASSY, TANK #3	1	35	
		• ATTACHING PARTS			
-111	AN3-4A	• BOLT	2	35	
		----X----			
-112		• TUBE ASSY, SEE FIG. 2.12-20 INDEX 79	FF		
-113		• TUBE ASSY, SEE FIG. 2.12-20 INDEX 80	PF		
-114	8-21578-1	• TUBE ASSY, LH	1	35	
	8-21578-2	• TUBE ASSY, RH	1	35	
		• ATTACHING PARTS			
-115	AN4-10A	• BOLT	6	35	
-116	AN960D416L	• WASHER	6	35	
		----X----			
-117	075156-3	• GASKET, <83259> SPEC 8-02287-5	1	35	
-118	AN735D40	• CLAMP	2	35	
		• ATTACHING PARTS			
	NAS679A3	• NUT	2	35	
	AN960D10L	• WASHER	2	35	
	AN526-1032R6	• SCREW	2	35	
		----X----			
-119	MS250R3-1BB4	• JUMPER	1	35	
-120	3605-4JD	• COUPLING, <79326> 92-72500-004	1	35	
	MS29513-333	• PACKING	2	35	
-121	8-21576-1	• BELLMOUTH ASSY, AFT TANK #2 LH	1	35	
	8-21576-2	• BELLMOUTH ASSY, AFT TANK #2 RH	1	35	
		• ATTACHING PARTS			
-122	AN3-4A	• BOLT	2	35	
		----X----			
C AIRPLANES #35 THRU 159, 278 AND ON					

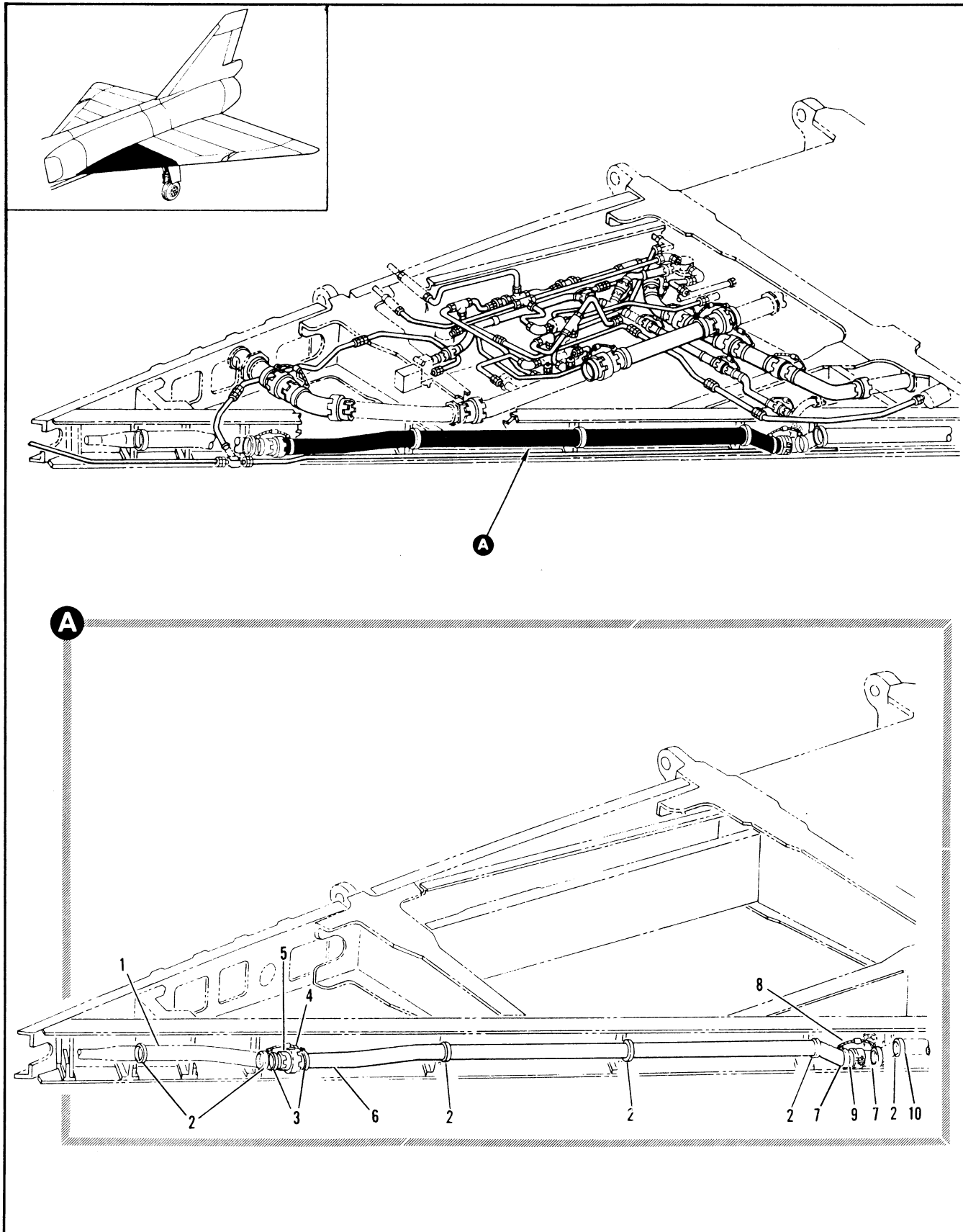


Figure 2.12-15. Wing Tank #1 Fuel Control Tubing Installation (Sheet 1 of 11)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-15	8-20397-837	TUBING INSTL, WING TANK #1 FUEL CONTROL LH MODIFIED BY 65J35874 AND 66J40303 FOR NHA SEE FIG. 2.6-32	RF		
	8-20397-839	TUBING INSTL, WING TANK #1 FUEL CONTROL RH MODIFIED BY 65J35874 AND 66J40303		35	159
- 1		• TUBE, LEADING EDGE VENT FWD SEE FIG. 2.12-14 INDEX 7	RF		
- 2	MS21919DF-32	• CLAMP	6	35	159
- 3	AN735032	• CLAMP ATTACHING PARTS	2	35	159
	NAS679A3	• NUT	2	35	159
	AN960010L	• WASHER	2	35	159
	AN526-1032R6	• SCREW -----X-----	1	35	159
- 4	MS25083-18B4	• JUMPER	1	35	159
- 5	3605-32D	• COUPLING, <79326> 92-72500-002	1	35	159
	MS25513-329	• PACKING	1	35	159
- 6	8-20397-324	• TUBE ASSY, LEADING EDGE VENT	1	35	159
- 7	AN735032	• CLAMP ATTACHING PARTS	2	35	159
	AN526-10R	• SCREW	2	35	159
	AN960010L	• WASHER -----X-----	2	35	159
- 8	MS25083-18B5	• JUMPER	1	35	60
- 9	CF14-200	• COUPLING, <98625> 92-73008-006 REPLACED BY SUITABLE SUB 51500-2-200	1	61	159
	51500-2-200	• COUPLING, <98625> 92-73008-016 REPLACES SUITABLE SUB FOR CF14-200			
- 10		• TUBE ASSY, LEADING EDGE VENT AFT LH SEE FIG. 2.12-14 INDEX 12	PF		

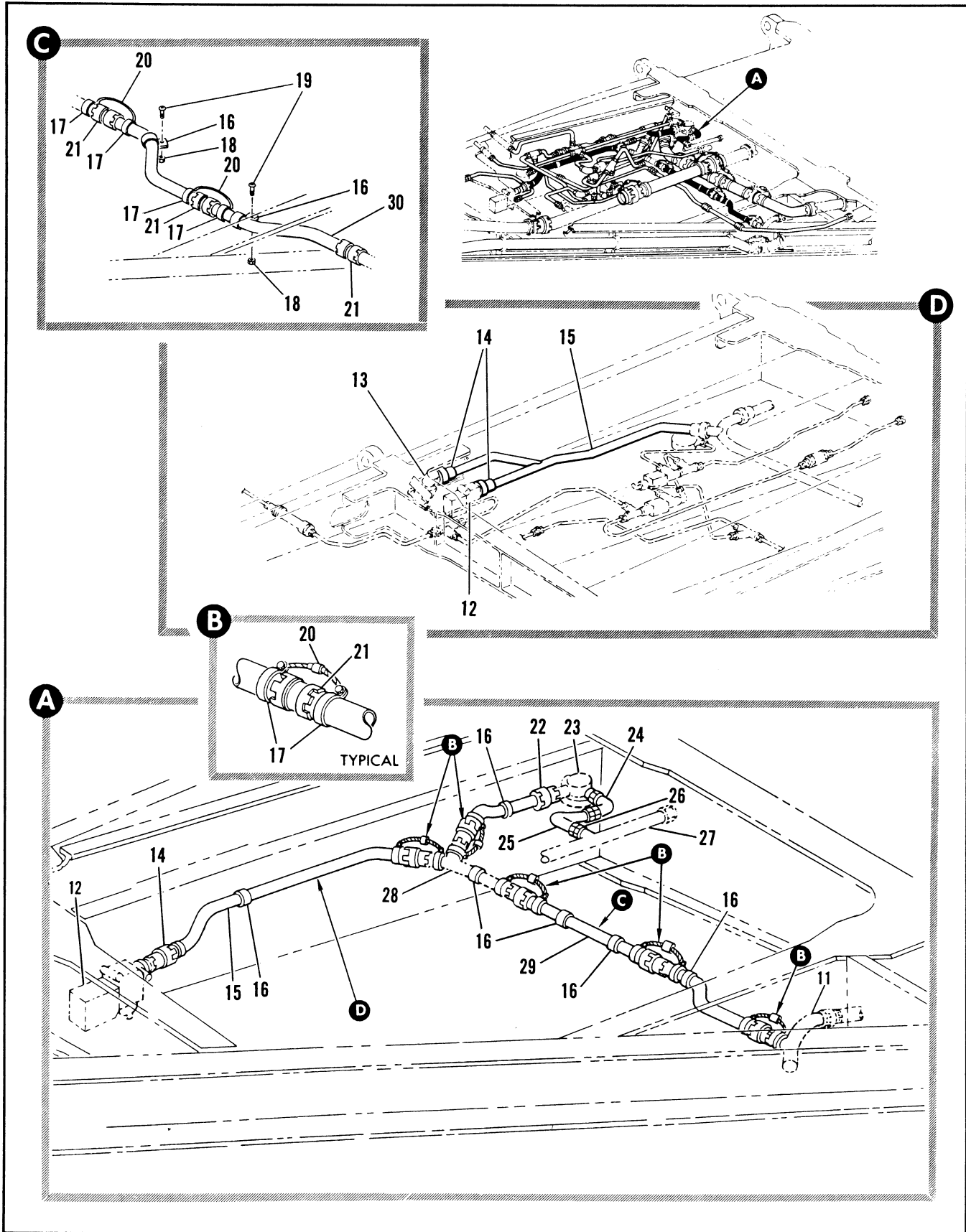


Figure 2.12-15. Wing Tank #1 Fuel Control Tubing Installation (Sheet 2 of 11)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-15- 11		• TUBE ASSY, VENT SUCTION RELIEF SEE FIG. 2.12-23 INDEX 2	RF		
- 12		• VALVE ASSY, PRESSURE RELIEF TANK #1 SEE FIG. 2.12-1 INDEX 3	RF		
- 13		• VALVE INSTL, FUEL TANK VENT SEE FIG. 2.12-1 INDEX 17	RF		
- 14	3605-16D	• COUPLING, (79326) 92-72500-001	2	35	159
	MS29513-214	• PACKING	4	35	159
- 15	66J40320-1	• TUBE ASSY, LH	1		
	66J40320-2	• TUBE ASSY, RH		35	159
	8-20397-1767	• TUBE ASSY, RF	1	35	159
- 16	91-98026-015	• CLAMP	4		
- 17	AN735016	• CLAMP	6		
		ATTACHING PARTS			
	NAS679A3	• NUT	6		
- 18	MS21043-3	• NUT	2		
	AN960010L	• WASHER	6		
	AN526-1032R6	• SCREW	6		
- 19	AN520-10R8	• SCREW	2		
		-----X-----			
- 20	MS5083-1BB3	• JUMPER	4		
- 21	3605-16D	• COUPLING (79326) 92-72500-001 REPLACES INTCHG WITH 3601-16D	3	35	159
- 22	3605-16D	• COUPLING, (79326) 92-72500-001	1	35	159
	MS29513-214	• PACKING	1	35	159
- 23		• VALVE ASSY, FUEL TANK VENT REFUELING SEE FIG. 2.12-1 INDEX 36 AND FIG. 2.12-26 INDEX 3	RF		
	AN924-4D	• NUT	1	35	159
- 24	MS2190804	• ELBOW	1	35	159
	MS29512-04	• GASKET	1	35	159
- 25	8-20397-367	• TUBE ASSY, LH	1	35	159
	8-20397-142	• TUBE ASSY, RH	1	35	159
- 26	MS21902D4	• UNION	1	35	159
	MS29512-4	• GASKET	1	35	159
- 27		• TUBE ASSY, TANK #1 LH SEE FIG. 2.12-14 INDEX 86	RF		
- 28		• TUBE ASSY, TANK #1 TEE VENT LINE LH SEE FIG. 2.12-1 INDEX 6	RF		
- 29	65A35899-1	• TUBE, VENT ONE INCH TANK	1		
- 30	65A35698-1	• TUBE, VENT ONE INCH TANK	1		

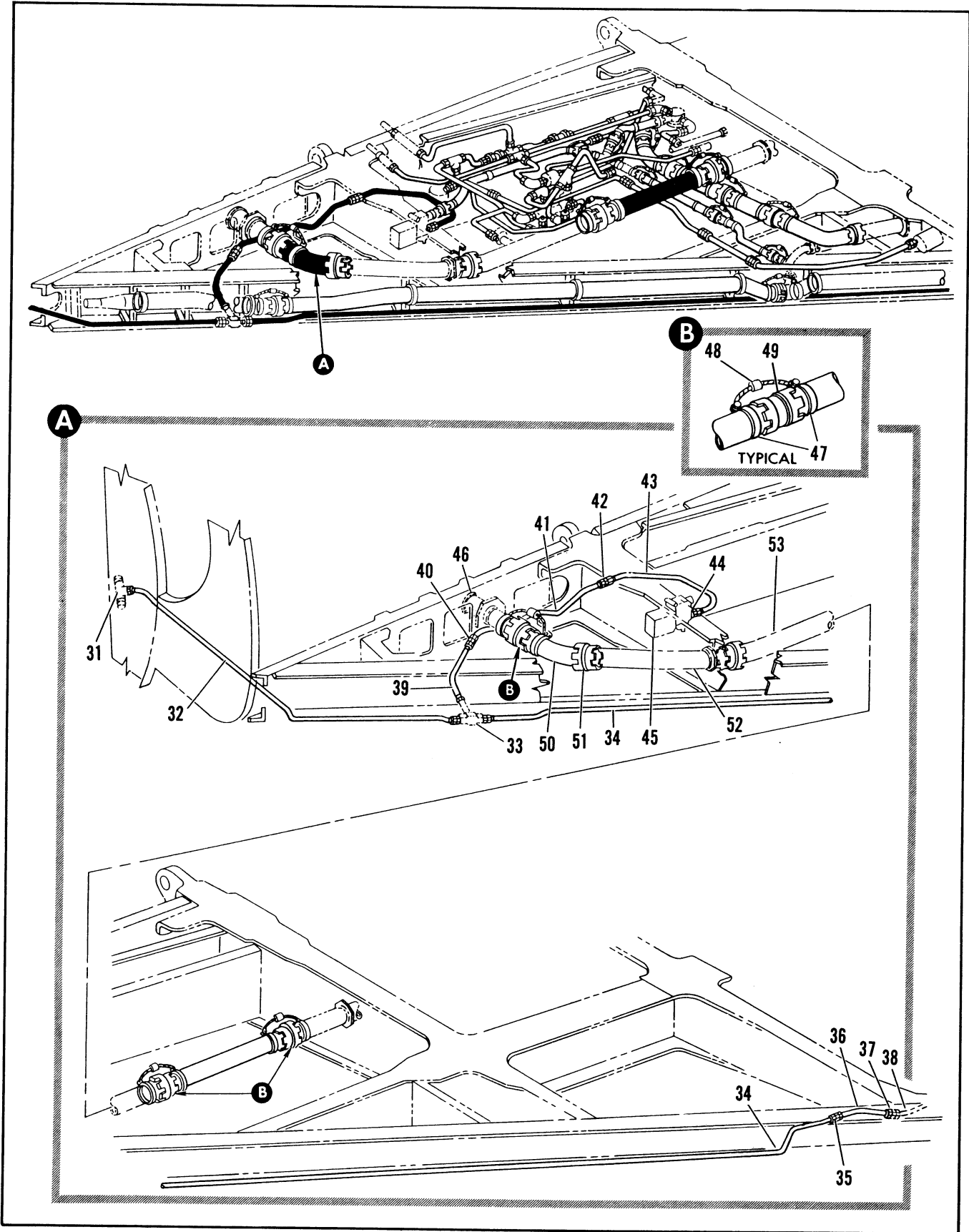


Figure 2.12-15. Wing Tank #1 Fuel Control Tubing Installation (Sheet 3 of 11)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-15- 31		• TEE, SEE FIG. 2.12-45 INDEX 137	RF		
- 32	8-20397-330	• TUBE ASSY, LH	1	35	159
	8-20397-788	• TUBE ASSY, RH	1	35	159
- 33		• CONNECTOR, VENT VALVE TANK #1 STA 138 LEADING EDGE SEE FIG. 2.12-66 INDEX 1	RF		
- 34	8-20397-155	• TUBE ASSEMBLY	1	35	159
- 35	MS21902D6	• UNION	1	35	159
- 36	8-20397-153	• TUBE ASSEMBLY	1	35	159
- 37		• UNION, SPAR #4 BL 129 SEE FIG. 2.12-66 INDEX 14	RF		
- 38		• TUBE ASSY, SEE FIG. 2.12-21 INDEX 16	RF		
- 39	8-20397-1561	• TUBE ASSY, LH	1	35	159
	8-20397-1727	• TUBE ASSY, RH	1	35	159
- 40	MS21902D4	• UNION	1	35	159
- 41	8-20397-1563	• TUBE ASSY, LH	1	35	159
	8-20397-1729	• TUBE ASSY, RH	1	35	159
	AN924-4D	• NUT	1	35	159
	AN960D716	• WASHER	1	35	159
- 42	MS21903D4	• UNION	1	35	159
- 43	8-20397-1555	• TUBE ASSY, LH	1	35	159
- 44	MS21902D4	• UNION	1	35	159
	MS29512-4	• GASKET	1	35	159
- 45		• VALVE ASSY, PRESSURE RELIEF TANK #1 SEE FIG. 2.12-1 INDEX 1	RF		
- 46		• TUBE ASSY, CG FUEL TRANSFER LH SEE FIG. 2.12-14 INDEX 35	RF		
- 47	AN735D48	• CLAMP	6	35	159
		ATTACHING PARTS			
	NAS679A3	• NUT	6	35	159
	AN960D10L	• WASHER	6	35	159
	AN526-1032R6	• SCREW	6	35	159
		-----X-----			
- 48	MS25083-1BB4	• JUMPER	3	35	159
- 49	3605-48D	• COUPLING (79326) 92-72500-005	3	35	159
	MS29513-337	• PACKING	4	35	159
- 50	8-20397-55	• TUBE ASSEMBLY	1	35	159
- 52		• TUBE ASSY, CG FUEL TRANSFER SPAR #2 SEE FIG. 2.12-14 INDEX 41	RF		
- 53		• TUBE ASSY, FUEL TRANSFER AND REFUELING LH SEE FIG. 2.12-1	RF		

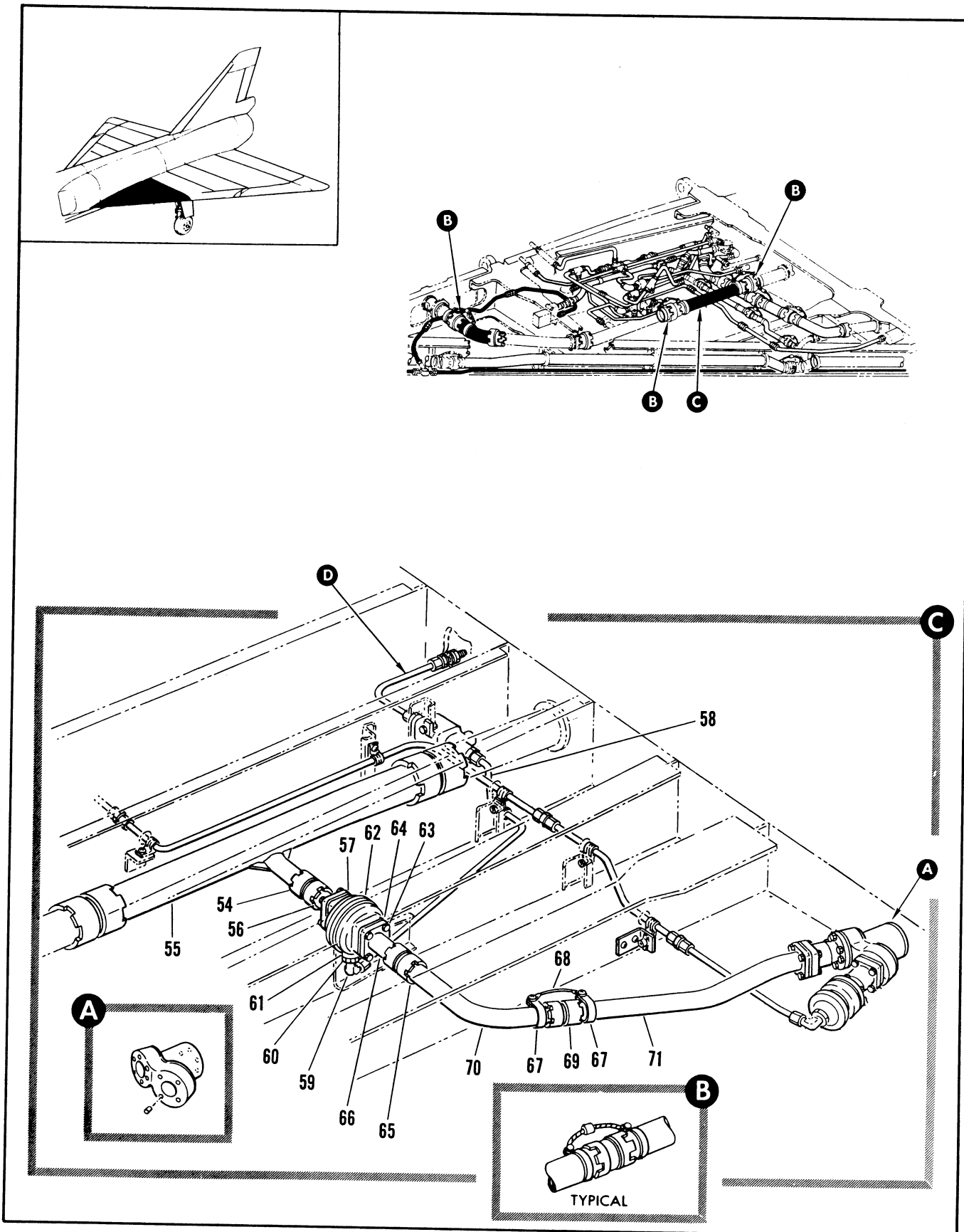


Figure 2.12-15. Wing Tank #1 Fuel Control Tubing Installation (Sheet 4 of 11)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-15- 54	3605-240	• COUPLING (79326) 92-72500-003	1	35	159
- 55	MS29513-325	• PACKING	2	35	159
	65E35870-1	• TUBE ASSY, 3.0 INCH FUEL TRANSFER LH WELDED	1	35	159
	65E35870-2	• TUBE ASSY, 3.0 INCH FUEL TRANSFER RH WELDED	1	35	159
- 56	65C35869-1	• TUBE ASSY, 4 BOLT FLANGE WELDED ATTACHING PARTS	1	35	159
	AN4H-5A	• BOLT	4	35	159
	AN960D416L	• WASHER -----X-----	4	35	159
- 57	MS27198-24	• SEAL	1	35	159
- 58	65A35930-1	• TUBE ASSY, SHUTOFF VALVE BLEED	1	35	159
- 59	MS21908D4	• ELBOW ATTACHING PARTS	1	35	159
- 60	AN924-4D	• NUT -----X-----	1	35	159
- 61	MS29512-4	• GASKET	1	35	159
- 62	737630-3	• VALVE ASSY, N96124) REPLACES 733800-1 ATTACHING PARTS	4	35	159
- 63	AN4H-6A	• BOLT	4	35	159
	AN960D16	• WASHER -----Y-----	4	35	159
- 64	MS27198-24	• SEAL	1	35	159
- 65	3605-240	• COUPLING (79326) 92-72500-003	1	35	159
	MS29513-325	• PACKING	2	35	159
- 66	65C35869-1	• TUBE ASSY, 4 BOLT FLANGE WELDED	1	35	159
- 67	AN735D24	• CLAMP ATTACHING PARTS	2	35	159
	MS21042L3	• NUT	2	35	159
	AN526-1032R6	• SCREW -----X-----	2	35	159
- 68	MS25083-2BB4	• JUMPER	1	35	159
- 69	3605-240	• COUPLING (79326) 92-72500-003	1	35	159
	MS29513-325	• PACKING	2	35	159
- 70	66A40859-1	• TUBE, FUEL TRANSFER TANK 1	1	35	159
- 71	66D39362-1	• TUBE ASSY, FUEL SYSTEM WELDED LH	1	35	159
	66D39362-2	• TUBE ASSY, FUEL SYSTEM WELDED RH	1	35	159

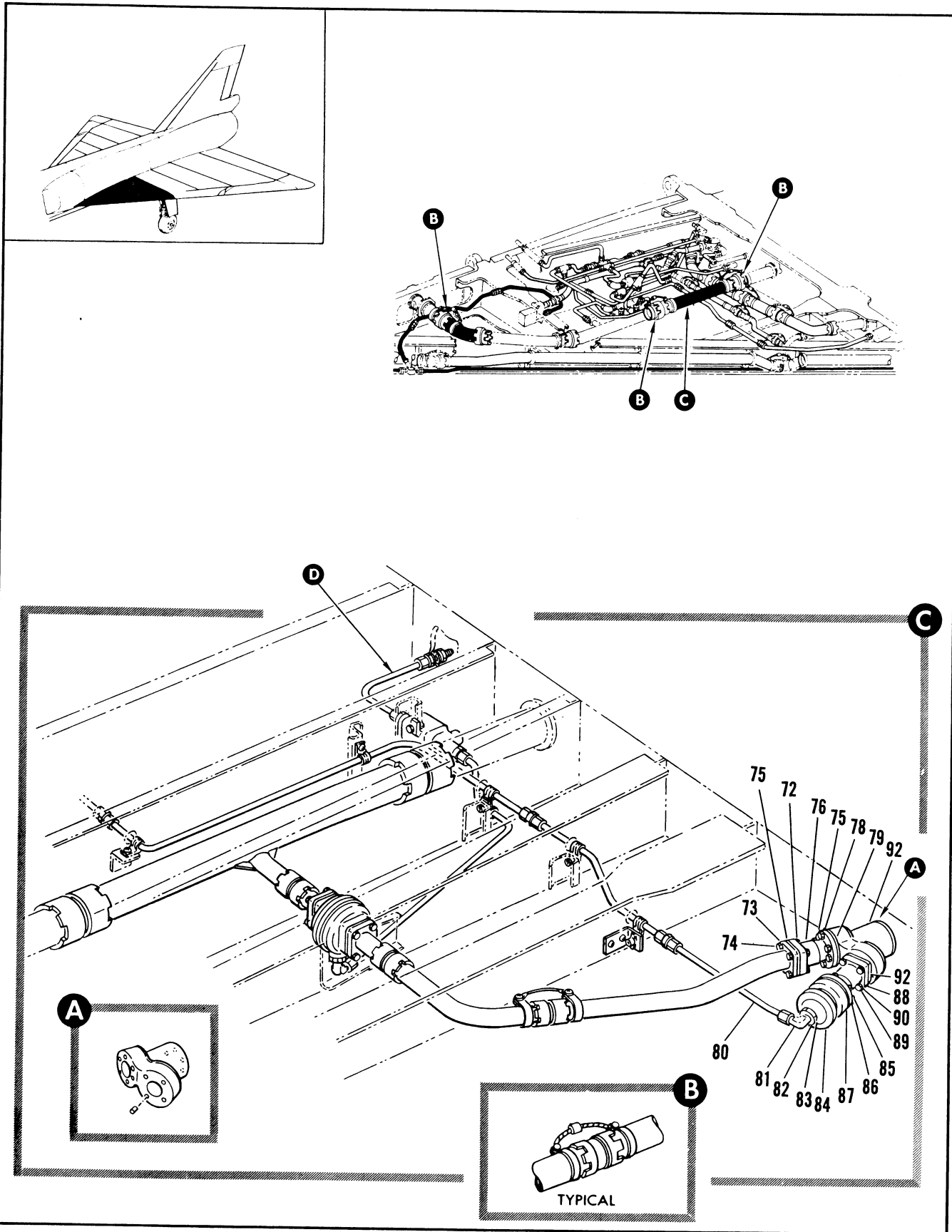


Figure 2.12-15. Wing Tank #1 Fuel Control Tubing Installation (Sheet 5 of 11)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-15		ATTACHING PARTS			
- 72	S21042L4	• NUT	4	35	159
- 73	AN960D416L	• WASHER	4	35	159
- 74	AN4-11A	• BOLT ----X----	1	35	159
- 75	MS27198-24	• SEAL	1	35	159
- 76	25-6500-3	• VALVE ASSY, FUEL CHECK (96736) SPEC 8-00954 T.O. 65J15-2-111-3	RF	35	159
	25-6500	• VALVE ASSY, FUEL CHECK (96736) SPEC 8-00954 T.O. 65J152-111-3 ALT INTCHG WITH 25-6500-3			
		ATTACHING PARTS			
- 77	AN4H-5A	• BOLT	6	35	159
- 78	AN960-D416L	• WASHER ----X----	6	35	159
- 79	075156-4	• SEAL (89259) SPEC 8-02287-7	1	35	159
- 80	65A35925-1	• TUBE, PILOT VALVE SENSING	1	35	159
	66A40632-1	• TUBE, PILOT VALVE SENSING RH	1	35	159
- 81	MS21998D4	• ELBOW	1	35	159
		ATTACHING PARTS			
- 82	AN924-4D	• NUT ----X----	1	35	159
- 83	MS29512-4	• GASKET	1	35	159
- 84	15-356-101	• VALVE ASSY, SHUTOFF (62267) SPEC 8-00903-1 T.O. 6J15-10-106A-13	RF	35	159
	15-356-51	• VALVE ASSY, SHUTOFF (62267) SPEC 8-00903-1 T.O. 6J15-10-106A-13 ALT INTCHG WITH 15-356-101			
		ATTACHING PARTS			
- 85	AN4H-5A	• BOLT	6	35	159
- 86	AN960-D416L	• WASHER ----X----	6	35	159
- 87	075156-4	• SEAL (89259) SPEC 8-02287-7	1	35	159
- 88	25-6500-3	• VALVE ASSY, FUEL CHECK (96736) SPEC 8-00954 T.O. 6J15-2-111-3	1	35	159
	25-6500	• VALVE ASSY, FUEL CHECK (96736) SPEC 8-00954 T.O. 6J15-2-111-3 ALT INTCHG WITH 25-6500-3	RF	35	159
		ATTACHING PARTS			
- 89	AN4H-7A	• BOLT	4	35	159
- 90	AN960-D416L	• WASHER ----X----	4	35	159
- 91	MS27198-24	• SEAL	1	35	159
- 92	66E40834-1	• ADAPTER ASSEMBLY, TANK NO. 1 FUEL SYSTEM	1	35	159
	66E40833-1	• ADAPTER ASSEMBLY, TANK NO. 1 FUEL SYSTEM ALT PART FOR 66E40834-1	RF	35	159

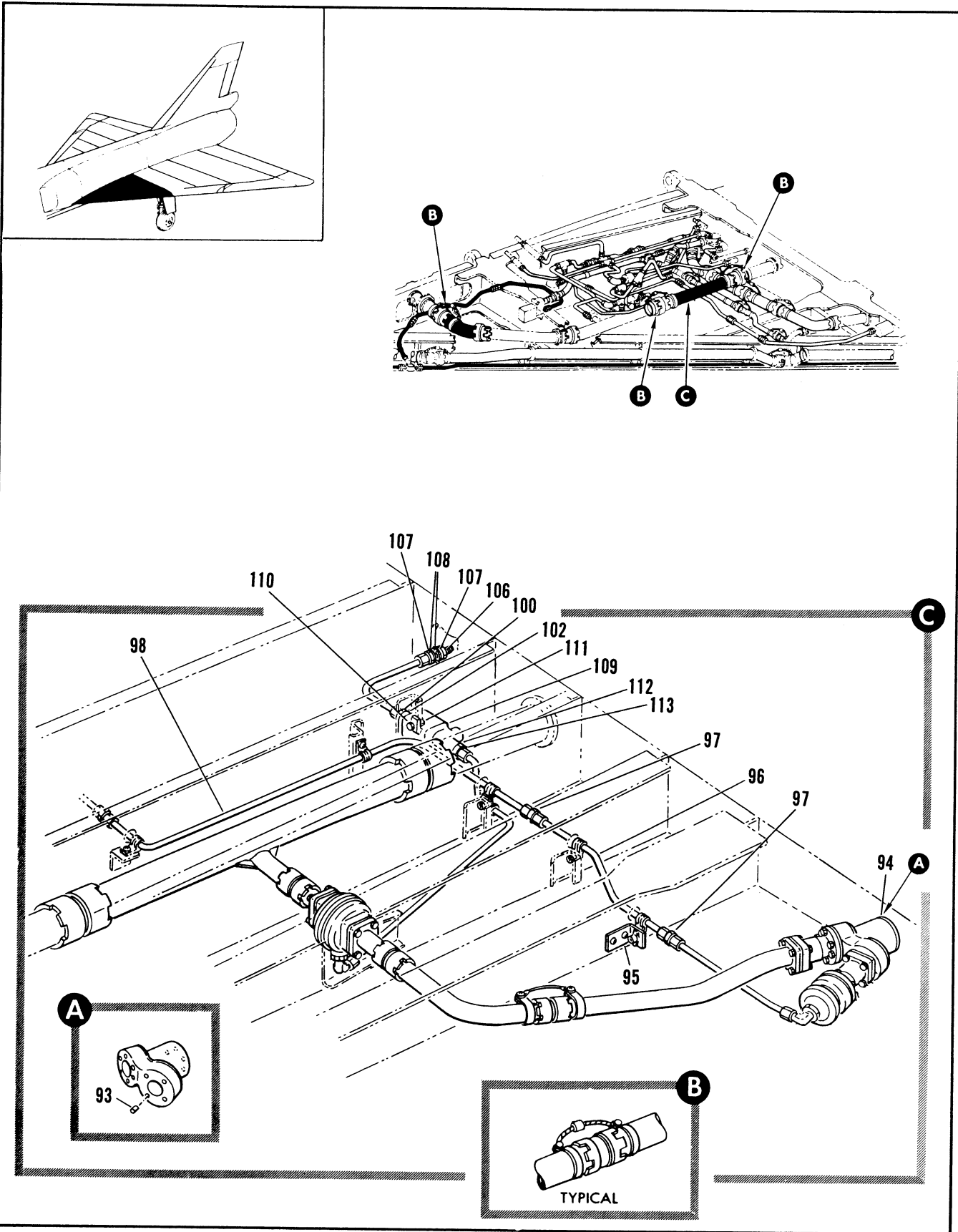


Figure 2.12-15. Wing Tank #1 Fuel Control Tubing Installation (Sheet 6 of 11)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-15- 93	MS21208F4-15	• • INSERT	16	35	159
- 94	075156-4	• SEAL (89259) SPEC 8-2227-7	1	35	159
- 95	65C35873-1	• BRACKET, TUBE SUPPORT WING VENT ATTACHING PARTS	1	35	159
	MS21042L3	• NUT	2	35	159
	AN520-10R8	• SCREW	3	35	159
		-----X-----			
- 96	65A35926-1	• TUBE, SHUTOFF VALVE	1	35	159
- 97	MS21902D4	• UNION	2	35	159
- 98	66A40860-1	• TUBE, VALVE SENSING	1	35	159
	66A40631-1	• TUBE, VALVE SENSING RH	1	35	159
- 99	66A40487-1	• TUBE ASSY. LH	1	35	159
	66A40307-1	• TUBE ASSY. RH	1	35	159
-100	MS21902D4	• UNION	1		
-101	MS21912D4	• TEE	1	35	159
-102	MS219512-4	• GASKET	1	35	159
-103	AN924-40	• NUT	1	35	159
-104	66B40304-1	• CAP	1	35	159
-105		• TUBE ASSY. LH SEE FIG. 2.12-37 INDEX 78	RF	35	159
-106	8-20307-27	• UNION	1	35	159
-107	8-21311-7	• WASHER	2	35	159
-108	MS29512-5	• GASKET	2	35	159
		ATTACHING PARTS			
	AN924-40	• NUT	1	35	159
	AN9600716	• WASHER	1	35	159
		-----X-----			
-109	PV-293-130	• VALVE ASSY (84987) SPEC 8-62275 (REPLACES PV-293-120) ATTACHING PARTS	1	35	159
-110	MS21042L3	• NUT	2	35	159
-111	AN3-4A	• BOLT	2	35	159
		-----X-----			
-112	MS21902D4	• UNION	1	35	159
-113	MS29512-4	• GASKET	1	35	159
-114	MS21908D4	• ELBOW	1	35	159
	AN924-40	• NUT	1	35	159
	MS29512-4	• PACKING	1	35	159
-115	MS21919DF4	• CLAMP	3	35	159
	91-98026-003	• CLAMP	3	35	159
	NAS43003-40	• SPACER	3	35	159
		ATTACHING PARTS			
	MS21042L3	• NUT	3	35	159
	MS35207-265	• SCREW	3	35	159
		-----X-----			

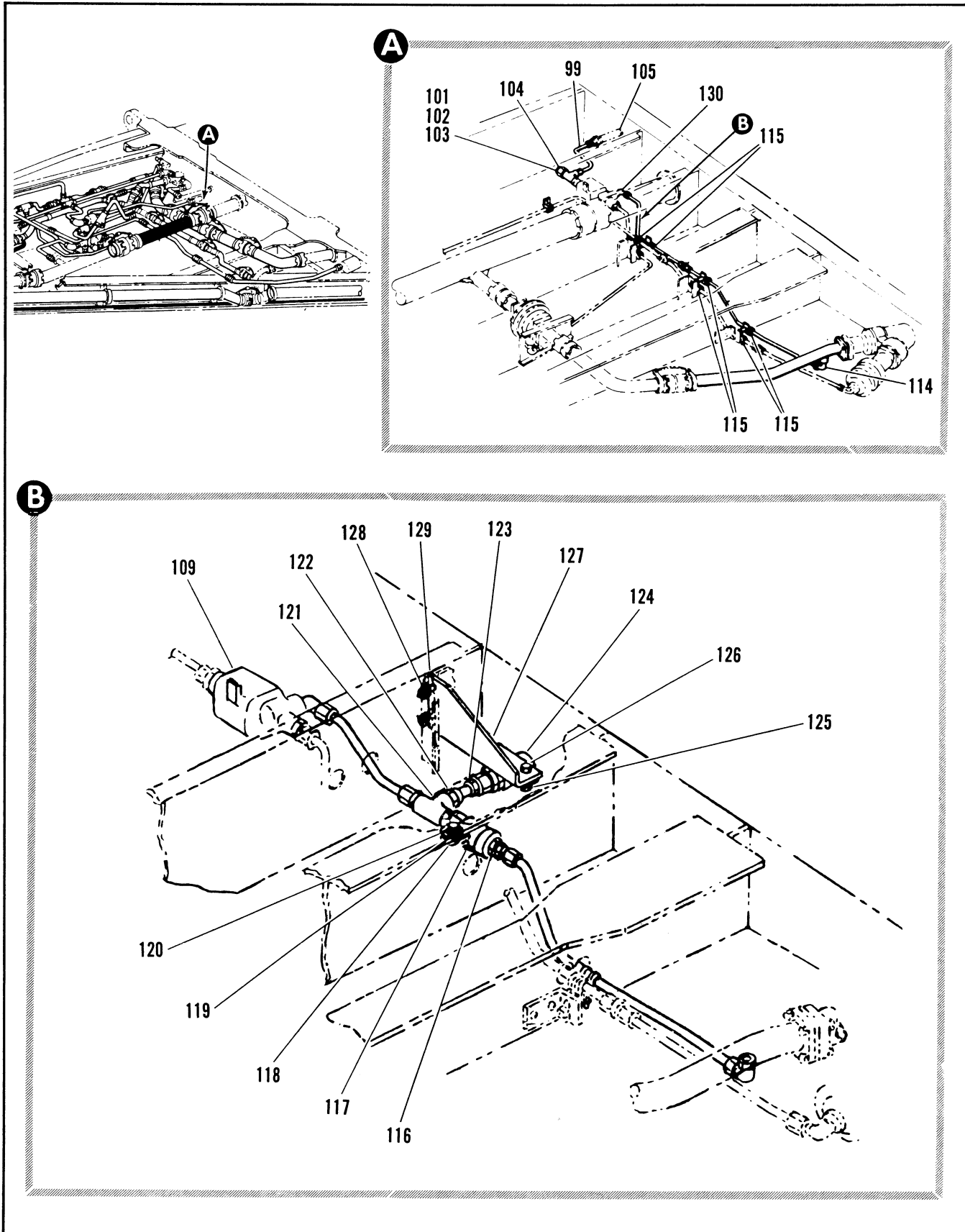


Figure 2.12-15. Wing Tank #1 Fuel Control Tubing Installation (Sheet 7 of 11)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-15-116	MS2191606-4	• REDUCER	1	35	
	MS29512-06	• GASKET	1	35	
-117	W535-3/8F	• VALVE (25624) ATTACHING PARTS	1	35	
-118	MS21042L3	• NUT	1	35	
-119	AN960D10	• WASHER	1	35	
-120	AN3-3A	• BOLT -----X-----	1	35	
	MS29512-06	• PACKING	1	35	
	MS29512-04	• PACKING	1	35	
	AN924D4	• NUT	1	35	
-121	MS21910D4	• TEE	1	35	
	MS29512-04	• PACKING	1	35	
-122	MS21924D4	• UNION	1	35	
	AN924D4	• NUT	1	35	
-123	AN893-20	• BUSHING	1	35	
	MS29512-04	• PACKING	1	35	
-124	W535-3/8F	• VALVE	1	35	
	MS29512-06	• PACKING ATTACHING PARTS	1	35	
-125	MS21042L3	• NUT	1	35	
-126	AN3-3A	• BOLT -----X-----	1	35	
-127	69D36693-01	• BRACKET, LH	1	35	
	69D36693-03	• BRACKET, RH ATTACHING PARTS	1	35	
-128	MS21042L3	• NUT	2	35	
-129	AN3-3A	• BOLT -----X-----	2	35	
-130	MS21926D4	• ELBOW	1	35	159
	MS29512-4	• PACKING	1	35	159
	AN924-4D	• NUT	1	35	159

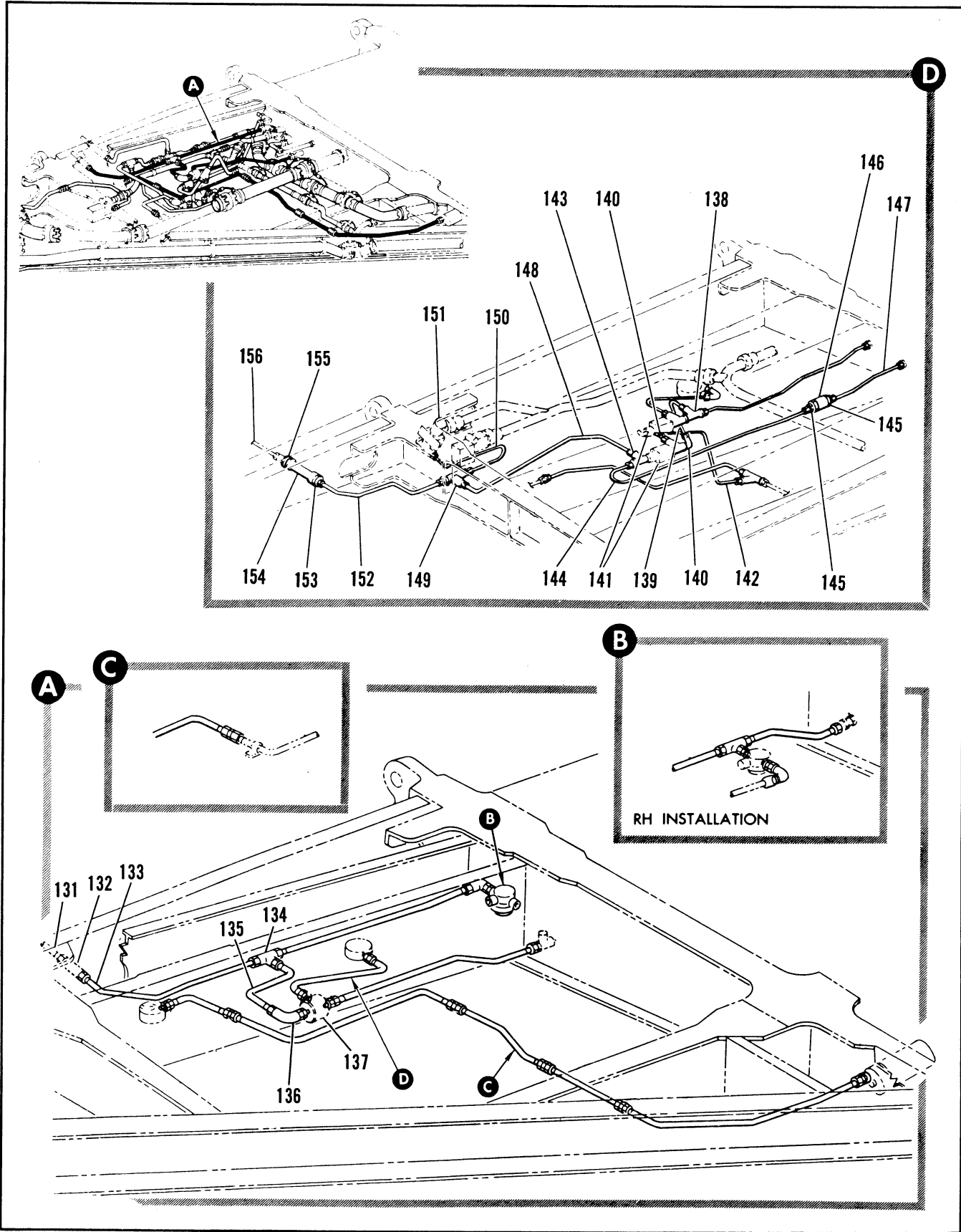


Figure 2.12-15. Wing Tank #1 Fuel Control Tubing Installation (Sheet 8 of 11)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-15-131		• TUBE ASSY, FUEL TANK PRESSURE SEE FIG. 2.12-45 INDEX 12	PF		
-132		• FITTING, STA 380 SEE FIG. 2.12-66 INDEX 2	RF		
-133	8-20397-1539	• TUBE ASSY, LH	1	35	159
	8-20397-1737	• TUBE ASSY, RH	1	35	159
-134	MS21908D4	• TEE	1	35	159
-135	8-20397-1543	• TUBE ASSY, LH	1	35	159
	8-20397-1761	• TUBE ASSY, RH	1	35	159
	AN924-4D	• NUT	1	35	159
-136	MS21908D4	• ELBOW	1	35	159
	MS29512-4	• GASKET	1	35	159
-137		• VALVE ASSY, PRESSURE OPERATED PILOT SEE FIG. 2.12-1 INDEX 19	PF		
-138	MS21912D4	• TEE	1	35	159
	AN924-4D	• NUT	1	35	159
	MS29512-04	• GASKET	1	35	159
-139	66A40308-1	• TUBE ASSY	1	35	159
-140	MS21908D4	• ELBOW	2	35	159
	AN924-4D	• NUT	2	35	159
	MS29512-4	• GASKET	2	35	159
	S1690T4	• CLAMP (92196)	2	35	159
		ATTACHING PARTS			
	MS2104213	• NUT	1	35	159
	NAS43DD3-20	• SPACER	1	35	159
	MS35207-264	• SCREW	1	35	159
		-----X-----			
-141	PV-293-110	• VALVE INSTL, PRESSURE OPERATED PILOT SEE FIG. 2.12-1 INDEX 19			
-142	66A40309-1	• TUBE ASSY	1	35	159
-143	MS21912D4	• TEE, LH	1	35	159
	MS21908D4	• ELBOW, RH	1	35	159
	AN924-4D	• NUT	1	35	159
	MS29512-4	• GASKET	1	35	159
-144	66A40311-1	• TUBE ASSY, LH	2	35	159
-145	MS21916D6-4	• REDUCER	2	35	159
	MS29512-6	• GASKET	1	35	159
-146	W535-3/PF	• VALVE, AIR CHECK LH (96138) SPEC 8-02998-13	1	35	159
-147	66A40312-1	• TUBE ASSY	1	35	159
-148	66A40313-1	• TUBE ASSY	1	35	159
-149	MS21912D4	• TEE	1	35	159
	AN924-4D	• NUT	1	35	159
-150	66A40317-1	• TUBE ASSY, PH	1	35	159
	66A40316-1	• TUBE ASSY, LH	1	35	159
-151	104700	• VALVE ASSY, FUEL TANK VENT SEE FIG. 2.12-7 INDEX 17			
-152	66A40318-1	• TUBE ASSY, LH	1	35	159
	66A40306-1	• TUBE ASSY, RH	1	35	159
-153	AN924-6D	• NUT	1	35	159
	AN969D916	• WASHER	1	35	159
	MS29513-15	• PACKING	1	35	159
	8-21311-19	• WASHER	1	35	159
-154	8-21260-7	• FITTING	1	35	159
-155	8-21122-1	• GROMMET	1	35	159
		• TUBE ASSY, SEE FIG. 2.12-67 INDEX 11	PF	35	159

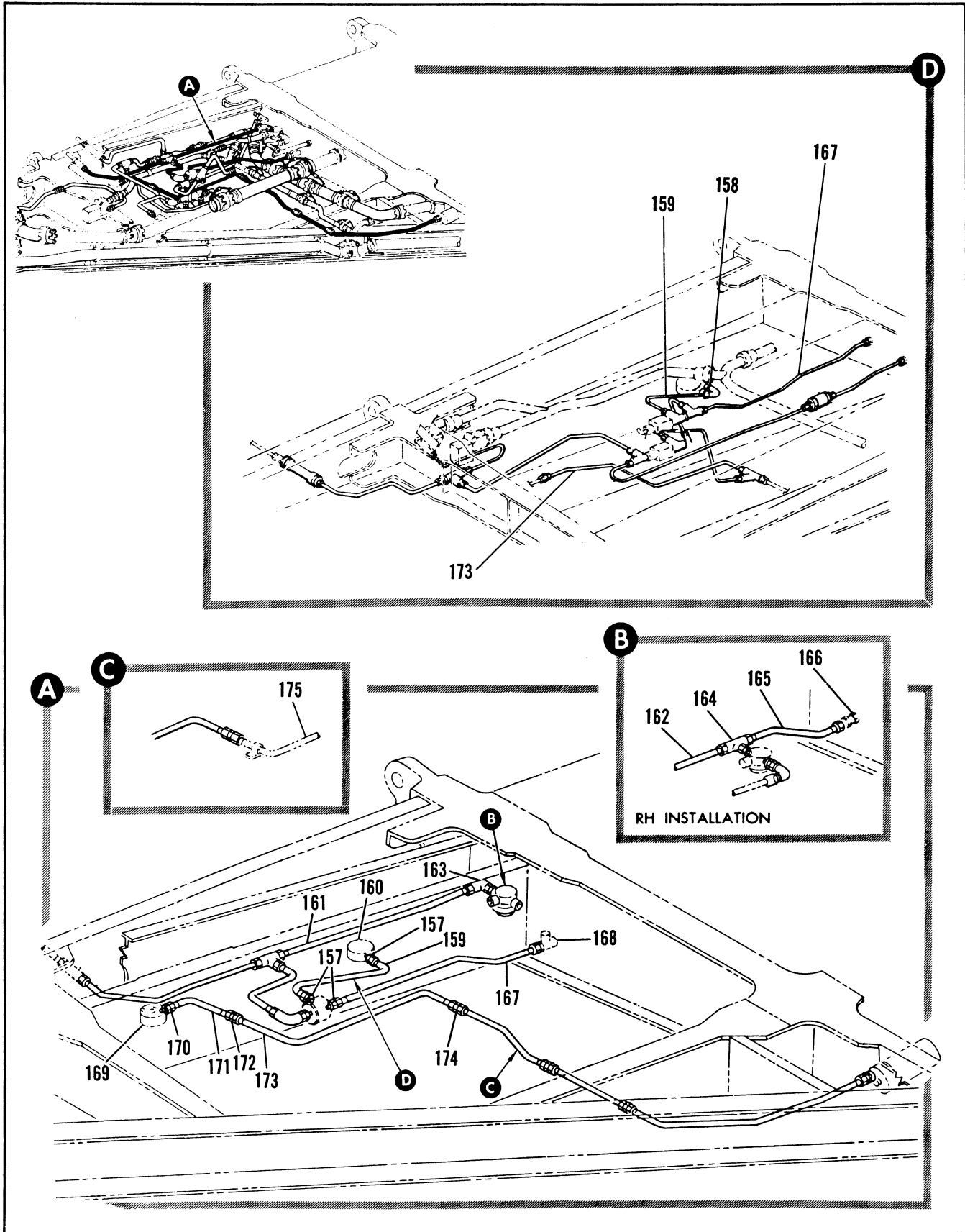


Figure 2.12-15. Wing Tank #1 Fuel Control Tubing Installation (Sheet 9 of 11)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-15-157	MS21902D4	• UNION	1	35	159
	MS29512-4	• GASKET	1	35	159
-158	AN924-4D	• NUT	1	35	159
	MS29512-04	• GASKET	1	35	159
	MS21908D4	• ELBOW	1	35	159
-159	66A40034-1	• TUBE ASSY, RH	1	35	159
-160		• VALVE ASSY, FUEL TANK PILOT FLOAT SEE FIG. 2.12-1 INDEX 10	RF		
-161	8-20397-1537	• TUBE ASSY, LH	1	35	159
-162	8-20397-1747	• TUBE ASSY, RH	1	35	159
	AN924-4D	• NUT	1	35	159
-163	MS21908D4	• ELBOW, LH	1	35	159
-164	MS21909D4	• TEE, RH	1	35	159
	AN924-4D	• GASKET	1	35	159
-165	8-20397-1733	• TUBE ASSY, RH	1	35	159
-166		• UNION, SPAR #3 RH SEE FIG. 2.12-66	RF		
-167	66A40306-1	• TUBE ASSY, LH	1	35	159
	66A40306-1	• TUBE ASSY, RH	1	35	159
-168		• UNION, SPAR #3 SEE FIG. 2.12-66	RF		
-169		• VALVE ASSY, FUEL TANK PILOT FLOAT SEE FIG. 2.12-1 INDEX 25	RF		
-170	MS21902D4	• UNION	1	35	159
	MS29512-4	• GASKET	1	35	159
-171	8-20397-1519	• TUBE ASSY, LH	1	35	159
	8-20397-1739	• TUBE ASSY, RH	1	35	159
-172	MS21902D4	• UNION	1	35	159
-173	66A40319-1	• TUBE ASSY	1	35	159
-174	MS21905D4	• TEE	1	35	159
-175		• TUBE, VALVE SENSING SEE FIG. 2.12-15 INDEX 98	RF		

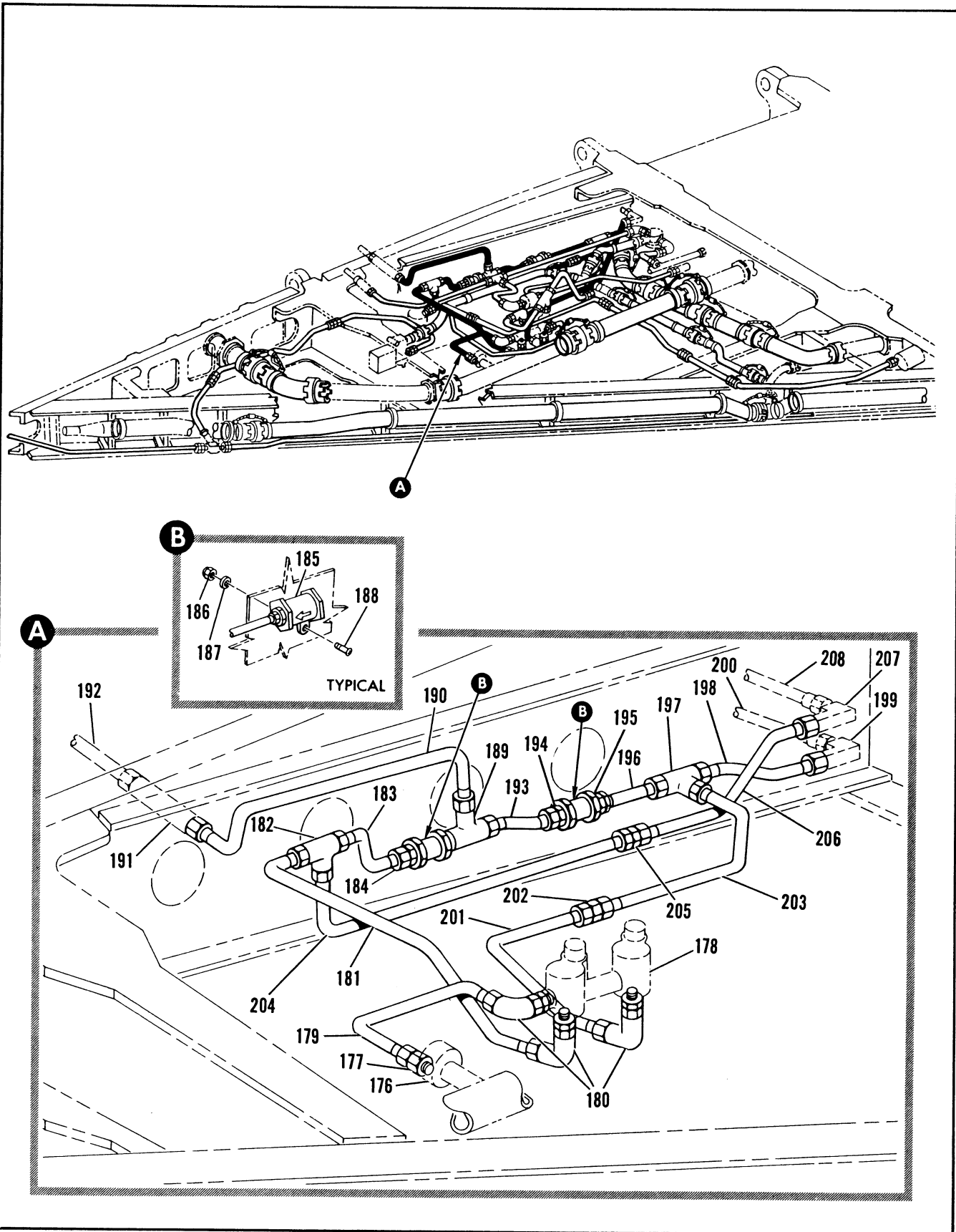


Figure 2.12-15. Wing Tank #1 Fuel Control Tubing Installation (Sheet 10 of 11)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-15-176		• VALVE ASSY, PILOT OPERATED SHUTOFF SEE FIG. 2.12-26 INDEX 1	RF		
-177	MS2190204	• UNION	1	35	159
	MS29512-4	• GASKET	1	35	159
-178		• VALVE ASSY, FUEL SHUTOFF SEE FIG. 2.12-24 INDEX	RF		
-179	8-20397-1551	• TUBE ASSEMBLY	1	35	159
	AN924-4D	• NUT	3	35	159
-180	MS2190804	• ELBOW	3	35	159
	MS29512-4	• GASKET	3	35	159
-181	8-20397-1527	• TUBE ASSY, LH	1	35	159
	8-20397-1735	• TUBE ASSY, RH	1	35	159
	AN924-4D	• NUT	1	35	159
	AN9600716	• WASHER	1	35	159
-182	MS2191204	• TEE	1	35	159
-183	8-20397-1525	• TUBE ASSY, LH	1	35	159
	8-20397-1745	• TUBE ASSY, RH	1	35	159
-184	MS2191606-4	• REDUCER	1	35	159
	MS29512-6	• GASKET	1	35	159
-185	W535-3/RF	• VALVE, AIR CHECK <9613> SPEC 8-02998-13 REPLACES SUITABLE SUP FOR W535-3/9E ATTACHING PARTS	2	35	159
-186	NAS682A3	• NUT, <72962> 96-37535-005	2	35	159
-187	AN9600D10L	• WASHER, SPEC 99-51569-020	2	35	159
-188	AN3-6A	• BOLT	2	35	159
		----X----			
	AN924-6D	• NUT	1	35	159
-189	MS2191206	• TEE	1	35	159
	MS29512-6	• GASKET	1	35	159
-190	8-20397-1523	• TUBE ASSY, LH	1	35	159
	8-20397-1719	• TUBE ASSY, RH	1	35	159
-191		• FITTING, STA 381 SEE FIG. 2.12-66 INDEX 7	RF		
-192		• TUBE ASSY, SEE FIG. 2.12-48 INDEX 201	RF		
-193	8-20397-1529	• TUBE ASSY, LH	1	35	159
	8-20397-1721	• TUBE ASSY, RH	1	35	159
-194	MS2190206	• UNION	1	35	159
	MS29512-6	• GASKET	1	35	159
-195	MS2191606-4	• REDUCER	1	35	159
	MS29512-6	• GASKET	1	35	159
-196	8-20397-1531	• TUBE ASSEMBLY	1	35	159
	AN924-4D	• NUT	1	35	159
	AN9600716	• WASHER	1	35	159
-197	MS2191204	• TEE	1	35	159
-198	8-20397-1511	• TUBE ASSY, LH	1	35	159
	8-20397-1753	• TUBE ASSY, RH	1	35	159
-199		• UNION, SPAR #3 SEE FIG. 2.12-66	RF		
-200		• TUBE ASSY, LH SEE FIG. 2.12 INDEX 2	RF		
-201	8-20397-1535	• TUBE ASSEMBLY	1	35	159
-202	MS2190204	• UNION	1	35	159
-203	8-20397-1533	• TUBE ASSY, LH	1	35	159
	8-20397-1755	• TUBE ASSY, RH	1	35	159
-204	8-20397-1507	• TUBE ASSEMBLY	1	35	159
-205	MS2190204	• UNION	1	35	159
-206	8-20397-1509	• TUBE ASSY, LH	1	35	159
	8-20397-1751	• TUBE ASSY, RH	1	35	159
-207		• UNION, SPAR #3 SEE FIG. 2.12-66	RF		
-208		• TUBE ASSY, LH SEE FIG. 2.12-37 INDEX 1	RF		

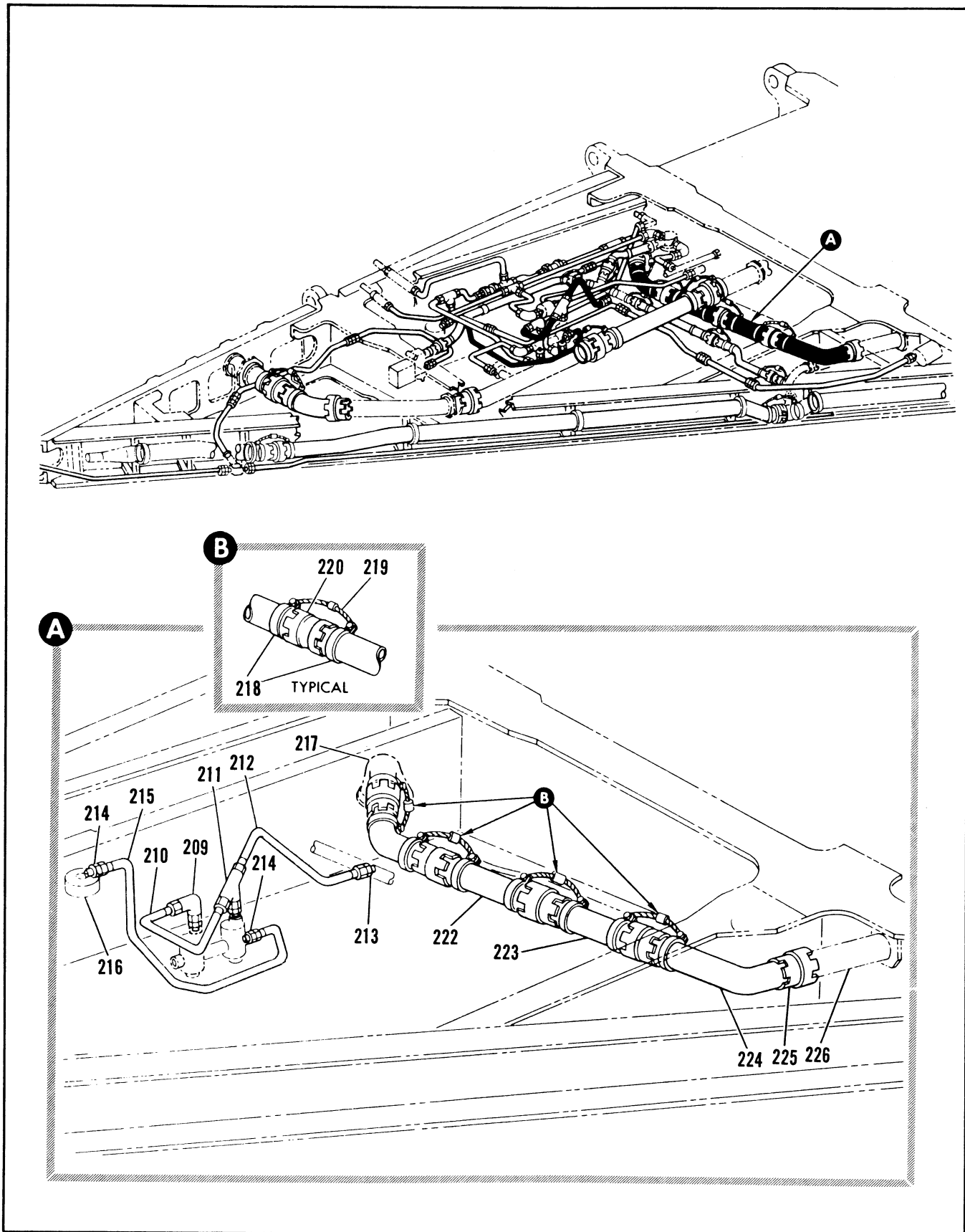


Figure 2.12-15. Wing Tank #1 Fuel Control Tubing Installation (Sheet 11 of 11)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-15	AN924-60	• NUT	1	35	159
-209	MS2190806	• ELBOW	1	35	159
	MS29512-6	• GASKET	1	35	159
-210	8-20397-1875	• TUBE ASSEMBLY	1	35	159
	AN924-60	• NUT	1	35	159
-211	MS2190906	• TEE	1	35	159
	MS29512-6	• GASKET	1	35	159
-212	8-20397-1549	• TUBE ASSY, LH	1	35	159
	8-20397-1723	• TUBE ASSY, RH	1	35	159
-213	MS2190206	• UNION	1	35	159
	MS29512-6	• GASKET	2	35	159
-214	MS2190204	• UNION	2	35	159
	MS29512-4	• GASKET	1	35	159
-215	8-20397-1547	• TUBE ASSY, LH	1	35	159
	8-20397-1749	• TUBE ASSY, RH	1	35	159
-216		• VALVE ASSY, SEE FIG. 2.12-1 INDEX 36	WF		
-217		• BELLMOUTH ASSY, TANK #1 LH	WF		
		SEE FIG. 2.12-14 INDEX 90			
-218	AN735040	• CLAMP	8	35	159
		ATTACHING PARTS			
	AN364-10320	• NUT	8	35	159
	AN96010L	• WASHER	8	35	159
	AN526-103286	• SCREW	8	35	159
		-----X-----			
-219	MS25023-1PB4	• JUMPER	4	35	159
-220	3605-400	• COUPLING, <79326> 82-72500-004	4	35	159
	MS29513-333	• PACKING	1	35	159
-221	8-20397-19	• TUBE ASSEMBLY	1	35	159
-222	8-20397-21	• TUBE ASSEMBLY	1	35	159
-223	8-20397-23	• TUBE ASSEMBLY	1	35	159
-224	8-20397-25	• TUBE ASSEMBLY	1	35	159
-225	3605-400	• COUPLING, <79326> 82-72500-004	1	35	159
	MS29513-333	• PACKING	1	35	159
-226		• TUBE ASSY, SEE FIG. 2.12-14 INDEX 98			

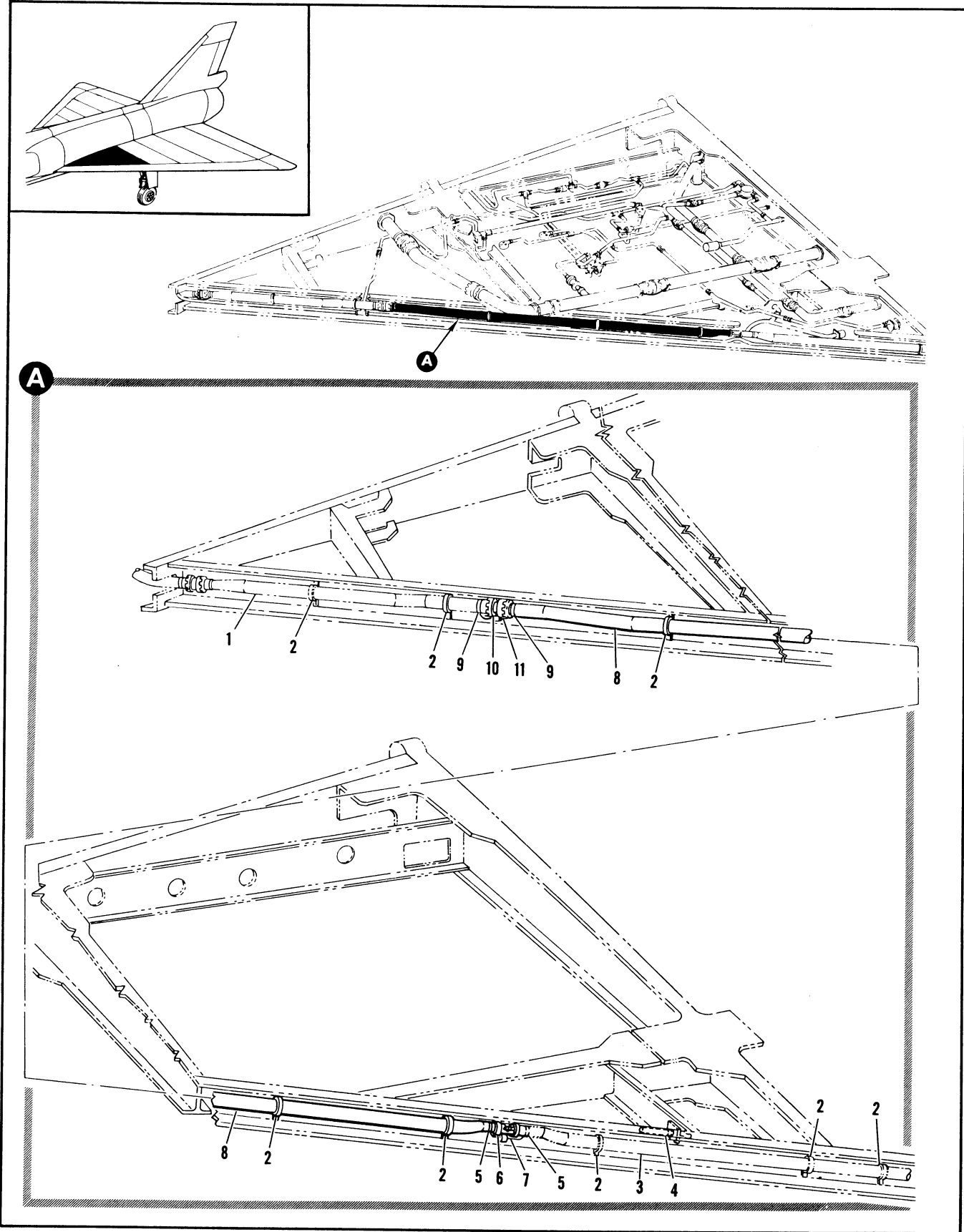


Figure 2.12-16. Wing Tank #1 Fuel Control Tubing Installation (Sheet 1 of 10)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-16	8-20397-855	TUBING INSTL, WING TANK #1 FUEL CONTROL LH MODIFIED BY 65J35874 AND 66J40303 FOR NHA SEE FIG. 2.6-32	RF	160	189
	8-20397-865	TUBING INSTL, WING TANK #1 FUEL CONTROL LH MODIFIED BY 65J35874 AND 66J40303 FOR NHA SEE FIG. 2.6-32	RF	190	
	8-20397-857	TUBING TANK #1 FUEL CONTROL RH MODIFIED BY 65J35874 AND 66J40303 FOR NHA SEE FIG. 2.6-32	RF		
	8-20397-857	TUBING INSTL, WING TANK #1 FUEL CONTROL RH MODIFIED BY 65J35874 AND 66J40303 FOR NHA SEE FIG. 2.6-32	RF		
- 1		• TUBE ASSY, LEADING EDGE VENT FWD SEE FIG. 2.12-14 INDEX 7	RF		
- 2	91-98026-031	• CLAMP	8	160	
- 3		• TUBE ASSY, LEADING EDGE VENT AFT LH SEE FIG. 2.12-14 INDEX 12	RF		
- 4		• TUBE ASSY, VENT SUCTION RELIEF SEE FIG. 2.12-23 INDEX 11	RF		
- 5	AN735D32	• CLAMP	2	160	
	NAS679A3	ATTACHING PARTS	2	160	
	AN960D10L	• NUT	2	160	
	AN526-1032R6	• WASHER	2	160	
		• SCREW	2	160	
- 6	51500-2-200	----X----	1	160	
- 7	MS25083-1885	• COUPLING, <98625> 92-73008-016	1	160	
	MS29513-329	• JUMPER	1	160	
- 8	8-20397-324	• PACKING	1	160	
	8-20397-595	• TUBE ASSY, LEADING EDGE VENT	1	A	
- 9	AN735D32	• TUBING ASSY, LEADING EDGE VENT	1	R	
		• CLAMP	2	160	
	NAS679A3	ATTACHING PARTS	2	160	
	AN960D10L	• NUT	2	160	
	AN526-1032R6	• WASHER	2	160	
		• SCREW	2	160	
- 10	3605-32D	----X----	1	160	
- 11	MS25083-1884	• COUPLING, <79326> 92-72500-002		160	
		• JUMPER		160	
		A AIRPLANES #160 THRU 277, 287, 292, AND ON			
		B AIRPLANES #278 THRU 286 AND 288 THRU 291			

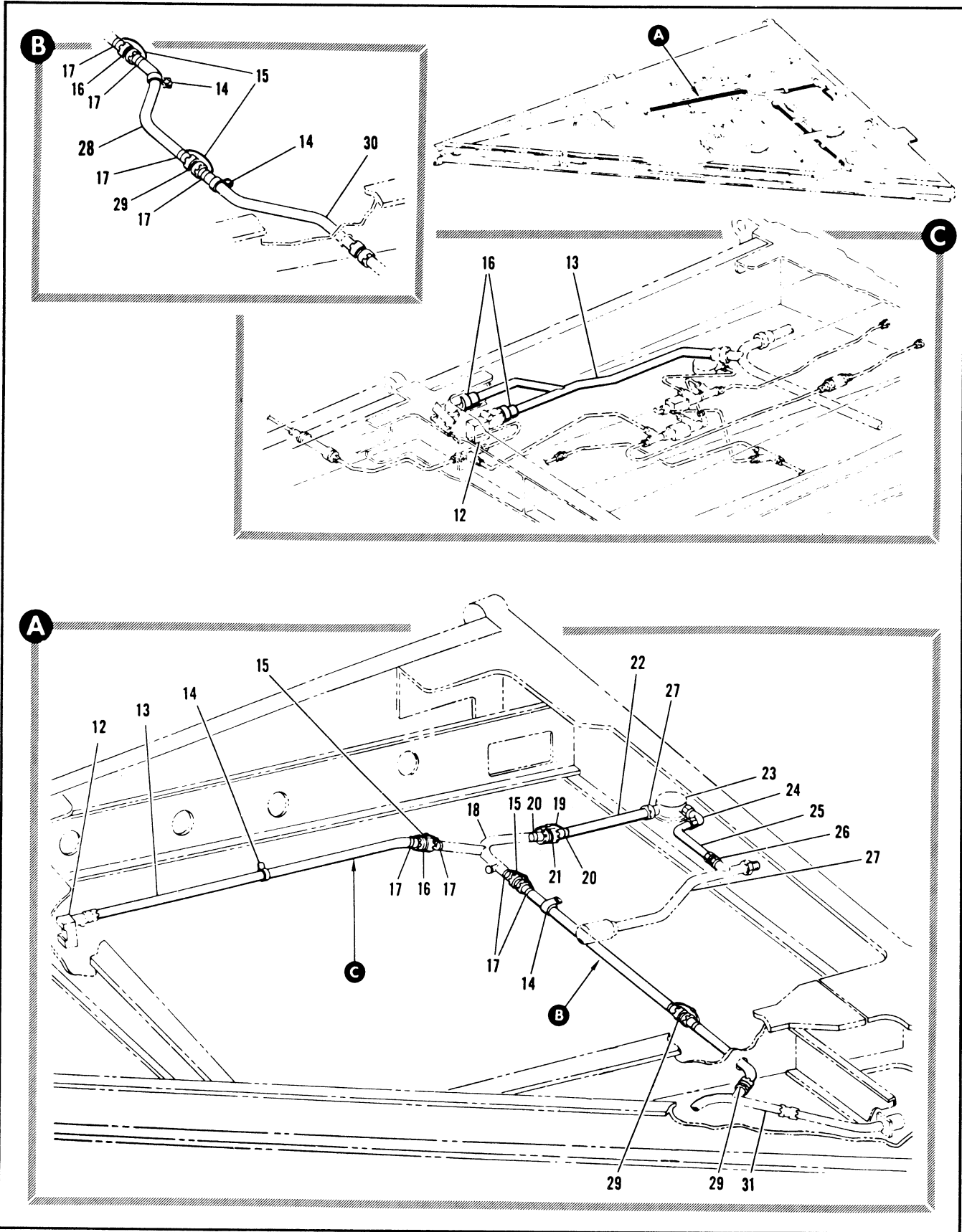


Figure 2.12-16. Wing Tank #1 Fuel Control Tubing Installation (Sheet 2 of 10)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-16- 12		<ul style="list-style-type: none"> • VALVE ASSY, PRESSURE RELIEF TANK #1 • TUBE ASSY, FUEL TANK PRESSURE SEE FIG. 2.12-1 INDEX 1 			
- 13	66J40320-1	• TUBE ASSY, LH	1	160	
	66J40320-2	• TUBE ASSY, RH	1	160	
- 14	91-98026-015	• CLAMP	2	160	
- 15	MS25083-1BB3	• JUMPER	2	160	
- 16	3605-16D	• COUPLING, (79326) 92-72500-001	2	160	
	MS29513-214	• PACKING			
- 17	AN735D16	• CLAMP	4	160	
		ATTACHING PARTS			
	NAS679A3	• NUT	4	160	
	AN960D10L	• WASHER	4	160	
	AN526-1032R6	• SCREW	4	160	
- 18		• TUBE ASSY, TANK #1 TEE VENT LINE SEE FIG. 2.12-1 INDEX 6	RF	160	
- 19	MS25083-1BB6	• JUMPER	1	160	
- 20	3605-16D	• COUPLING, <79326> 92-72500-001	1	160	
	MS29513-214	• PACKING			
- 21	AN735D16	• CLAMP	2	160	
		ATTACHING PARTS			
	NAS679A3	• NUT	2	160	
	AN960D10L	• WASHER	2	160	
	AN526-1032R6	• SCREW		160	
		-----X-----			
- 22	R-20397-1557	• TUBE ASSY, LH	1	160	
	R-20397-1765	• TUBE ASSY, RH	1	160	
- 23		• VALVE ASSY, FUEL TANK VENT SEE FIG. 2.12-1 INDEX 36	RF		
- 24	MS21908D4	• ELBOW	1	160	
	AN924-4D	• NUT	1	160	
	MS29512-4	• GASKET	1	160	
- 25	R-20397-2371	• TUBE ASSY, LH	1	160	
	8-23397-2367	• TUBE ASSY, RH	1	160	
- 26	MS21902D4	• UNION	1	160	
	MS21912-4	• GASKET	1	160	
- 27		• TUBE ASSY, WELDED SEE FIG. 2.12-14 INDEX 86	RF		
- 28	65A35899-1	• TUBE, VENT ONE INCH TANK	1	160	
- 29	3605-16D	• COUPLING (79326) 92-72500-001 REPLACES INTCHG WITH 3601-16D	1	160	
- 30	65A35898-1	• TUBE, VENT ONE INCH TANK	1	160	
- 31		• TUBE ASSY, VENT SUCTION RELIEF SEE FIG. 2.12-23 INDEX 2	RF		

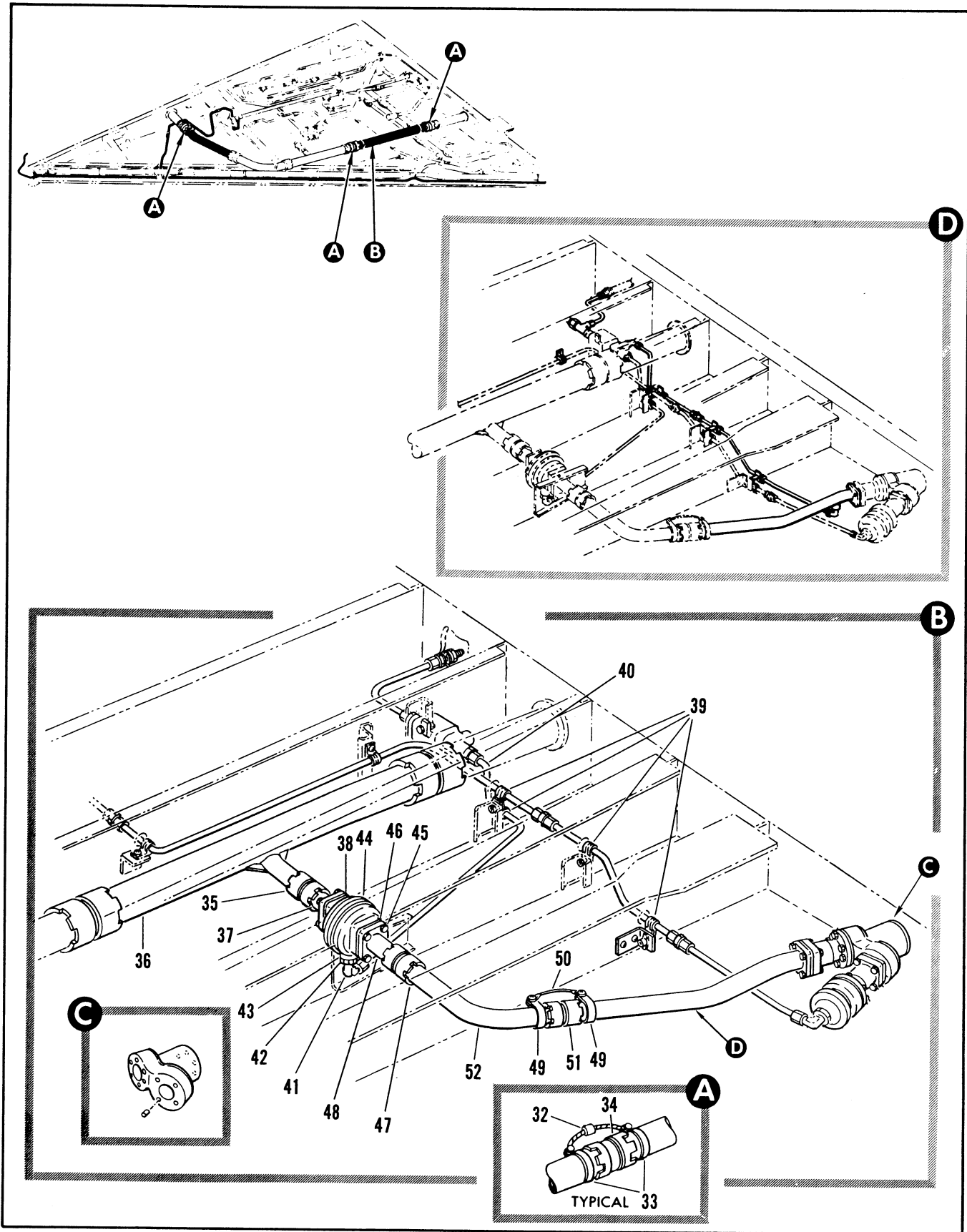


Figure 2.12-16. Wing Tank #1 Fuel Control Tubing Installation (Sheet 3 of 10)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-16- 32	MS25083-18B4	• JUMPER	3	160	
- 33	AN735D48	• CLAMP	6	160	
	NAS679A3	ATTACHING PARTS			
	AN960D16L	• NUT	6	160	
	AN526-1032R6	• WASHER	6	160	
		• SCREW	6	160	
		-----X-----			
- 34	3605-48D	• COUPLING (79326) 92-72500-005	3	160	
	MS29513-337	• PACKING	4	160	
- 35	3605-24D	• COUPLING (79326) 92-72500-003	1	160	
	MS29513-325	• PACKING	2	160	
- 36	65E35870-1	• TUBE ASSY, 3.0 INCH FUEL TRANSFER LH WELDED	1	160	
	65E35870-2	• TUBE ASSY, 3.0 INCH FUEL TRANSFER RH WELDED	1	160	
- 37	65C35869-1	• TUBE ASSY, 4 BOLT FLANGE WELDED	1	160	
		ATTACHING PARTS			
	AN4H-5A	• BOLT	4	160	
	AN960D416L	• WASHER	4		
		-----X-----			
- 38	MS27198-24	• SEAL	1	160	
- 39	MS21919DF4	• CLAMP (52196)	5	160	
		ATTACHING PARTS			
	MS21042L3	• NUT	5	160	
	AN520-10R10	• SCREW	1	160	
	AN520-10R8	• SCREW	6	160	
		-----X-----			
- 40	65A35930-1	• TUBE ASSY, SHUTOFF VALVE BLEED	1	160	
- 41	MS21908D4	• ELBOW	1	160	
		ATTACHING PARTS			
- 42	AN924-4D	• NUT	1	160	
		-----X-----			
- 43	MS29512-4	• GASKET	1	160	
- 44	730600-3	• VALVE ASSY (96124) REPLACES NOT INTERG WITH 730600-1 AND 730600	RF	160	
		ATTACHING PARTS			
- 45	AN4H-6A	• BOLT	4	160	
	AN960D16	• WASHER	4	160	
		-----X-----			
- 46	MS27198-24	• SEAL	1	160	
- 47	3605-24D	• COUPLING (79326) 92-72500-003	1	35	
	MS29513-325	• PACKING	2	160	
- 48	65C35869-1	• TUBE ASSY, 4 BOLT FLANGE WELDED	1	160	
- 49	AN735D24	• CLAMP	2	160	
		ATTACHING PARTS			
	MS21042L3	• NUT	2	160	
	AN526-1032R6	• SCREW	2	160	
		-----X-----			
- 50	MS25083-28B4	• JUMPER	1	160	
- 51	3605-24D	• COUPLING (79326) 92-72500-003	1	160	
	MS29513-325	• PACKING	2	160	
- 52	66A40859-1	• TUBE, FUEL TRANSFER TANK NO. 1	1	160	

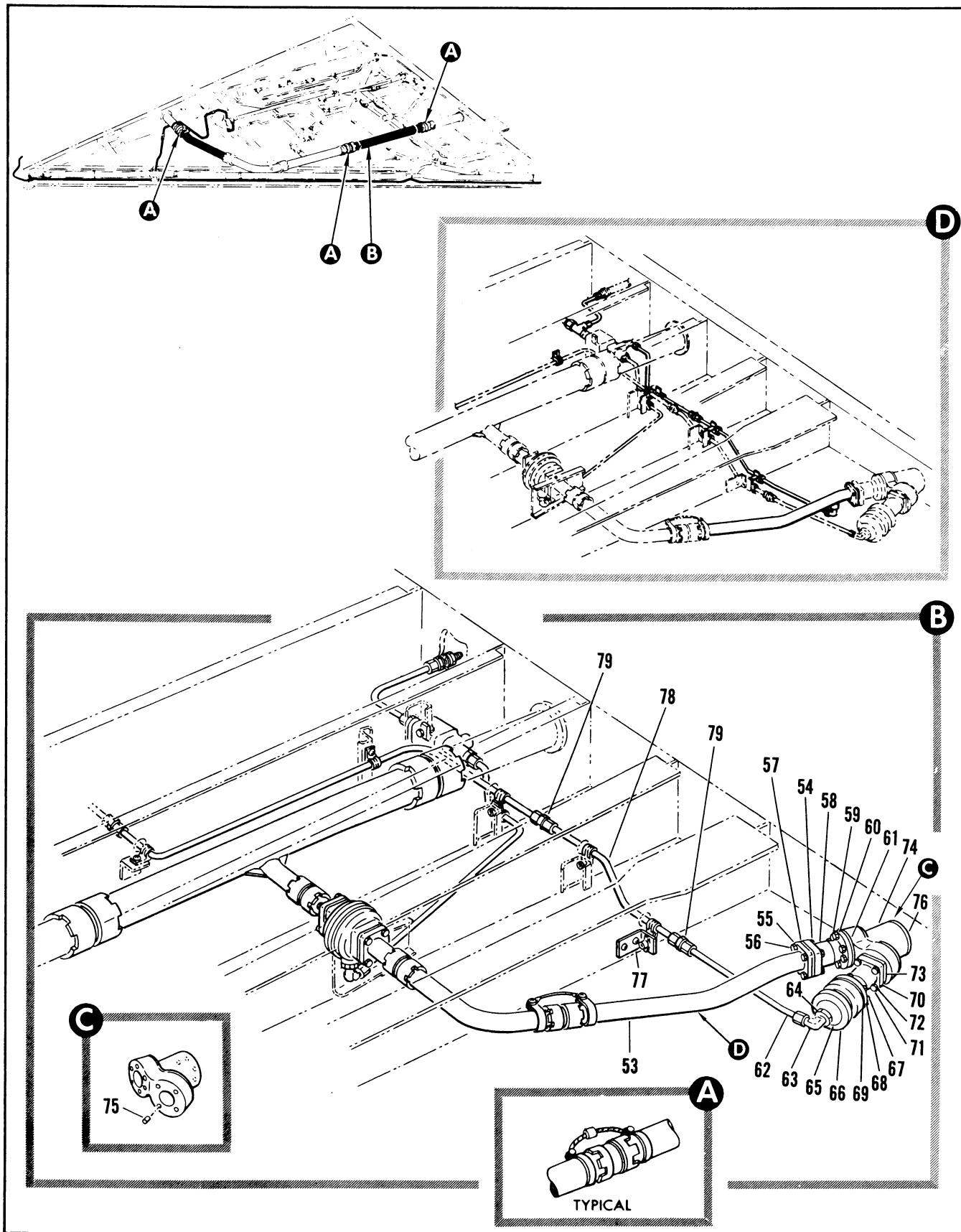


Figure 2.12-16. Wing Tank #1 Fuel Control Tubing Installation (Sheet 4 of 10)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-16- 53	66D39862-1 66D39862-2	• TUBE ASSY, FUEL SYSTEM WELDED LH • TUBE ASSY, FUEL SYSTEM WELDED RH ATTACHING PARTS	1 1	160 160	
- 54	MS21042L3	• NUT	4	160	
- 55	AN960-D416L	• WASHER	4	160	
- 56	AN4-11A	• BOLT	4	160	
		-----X-----			
- 57	MS27198-24	• SEAL	1	160	
- 58	25-6500-3	• VALVE ASSY, FUEL CHECK (96736) SPEC 8-00954 T.O. 6J15-2-111-3	1	160	
	25-6500	• VALVE ASSY, FUEL CHECK (96736) SPEC 8-00954 T.O. 6J15-2-111-3 ALT INTCHG WITH 25-6500-3 ATTACHING PARTS	RF	160	
- 59	AN4H-5A	• BOLT	6	160	
- 60	AN960-D416L	• WASHER	6	160	
		-----X-----			
- 61	075156-4	• SEAL (89259) SPEC 8-02287-7	1	160	
- 62	65A35925-1	• TUBE, PILOT VALVE SENSING	1	160	
	66A40832-1	• TUBE, PILOT VALVE SENSING RH	1	160	
- 63	MS21908D4	• ELBOW	1	160	
		ATTACHING PARTS			
- 64	AN924-4D	• NUT	1	160	
		-----X-----			
- 65	MS29512-4	• GASKET	1	160	
- 66	15-356-101	• VALVE ASSY, SHUTOFF (P2267) SPEC 8-00903-1 T.O. 6J15-10-106A13	1	160	
	15-356-51	• VALVE ASSY, SHUTOFF (P2267) SPEC 8-00903-1 T.O. 6J15-10-106A-13 ALT INTCHG WITH 15-356-101 ATTACHING PARTS	RF	160	
- 67	AN4H-5A	• BOLT	6	160	
- 68	AN960-D416L	• WASHER	6	160	
		-----X-----			
- 69	075156-4	• SEAL (89259) SPEC 8-02287-7	1	160	
- 70	25-6500-3	• VALVE ASSY, FUEL CHECK (96736) SPEC 8-00954 T.O. 6J15-2-111-3	1	160	
	25-6500	• VALVE ASSY, FUEL CHECK (96736) SPEC 8-00954 T.O. 6J15-2-111-3 ALT INTCHG WITH 25-6500-3 ATTACHING PARTS	RF	160	
- 71	AN4H-7A	• BOLT	4	160	
- 72	AN960-D416L	• WASHER	4	160	
		-----X-----			
- 73	MS27198-24	• SEAL	1	160	
- 74	66E40834-1 66E40833-1	• ADAPTER ASSEMBLY, TANK NO. 1 FUEL SYSTEM • ADAPTER ASSEMBLY, TANK NO. 1 FUEL SYSTEM ALT PART FOR 66E40834-1	RF	160	
- 75	MS21208F4-15	• INSERT	16	160	
- 76	075156-4	• SEAL (89259) SPEC 8-02287-7	1	160	
- 77	65C35873-1	• BRACKET, TUBE SUPPORT WING VENT ATTACHING PARTS	1	160	
	MS21042L3	• NUT	2	160	
	AN520-10R8	• SCREW	3	160	
		-----X-----			
- 78	65A35926-1	• TUBE, SHUTOFF VALVE	1	160	
- 79	MS21902D4	• UNION	2	160	

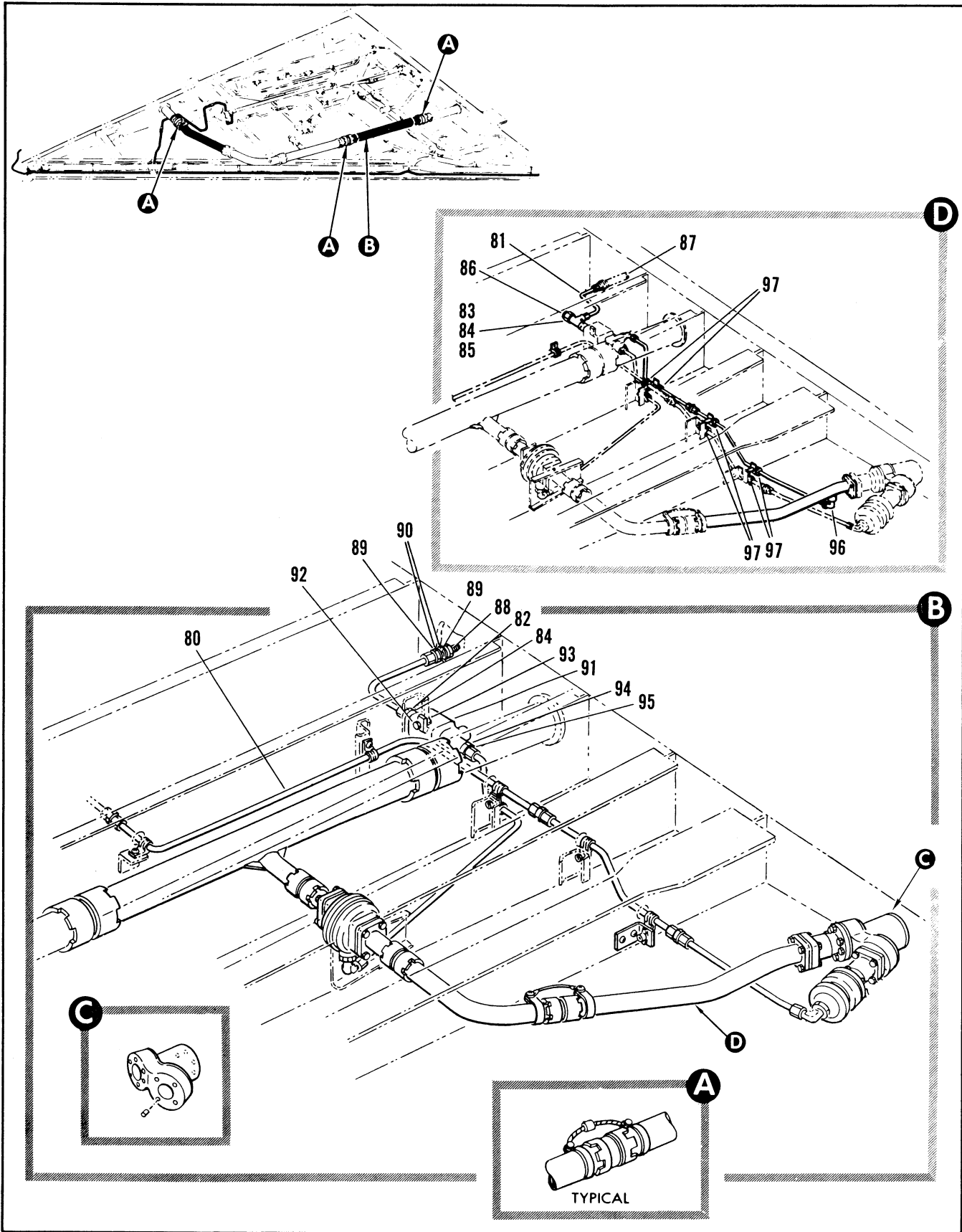


Figure 2.12-16. Wing Tank #1 Fuel Control Tubing Installation (Sheet 5 of 10)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-16- 80	66A40860-1	• TUBE, VALVE SENSING	1	160	
	66A40631-1	• TUBE, VALVE SENSING RH	1	160	
- 81	66A40487-1	• TUBE ASSY, LH	1	160	
	66A40307-1	• TUBE ASSY, RH	1	160	
- 82	MS21902D4	• UNION	1	160	
- 83	MS21912D4	• TEE	1	160	
- 84	MS219512-4	• GASKET	1	160	
- 85	AN924-4D	• NUT	1	160	
- 86	66B40304-1	• CAP	1	160	
- 87		• TUBE ASSY, LH SEE FIG. 2.12-37 INDEX 78	RF	160	
- 88	8-20307-27	• UNION	1	160	
- 89	8-21311-7	• WASHER	2	160	
- 90	MS29512-5	• GASKET	2	160	
		ATTACHING PARTS			
	AN924-4D	• NUT	1	160	
	AN9600716	• WASHER	1	160	
		-----X-----			
- 91	PV-293-130	• VALVE ASSY (84987) SPEC 8-02275	1	160	
		ATTACHING PARTS			
- 92	MS21942L3	• NUT	2	160	
- 93	AN3-4A	• BOLT	2	160	
		-----X-----			
- 94	MS21902D4	• UNION	1	160	
- 95	MS29512-4	• GASKET	1	160	
- 96	MS21908D4	• ELBOW	1	160	
	AN924-4D	• NUT	1	160	
	MS29512-4	• PACKING	1	160	
- 97	MS219190F4	• CLAMP (92196)	3	160	
	91-98026-003	• CLAMP	3	160	
	NAS43003-40	• SPACER	3	160	
		ATTACHING PARTS			
	MS21942L3	• NUT	3	160	
	MS35207-265	• SCREW	3	160	
		-----X-----			

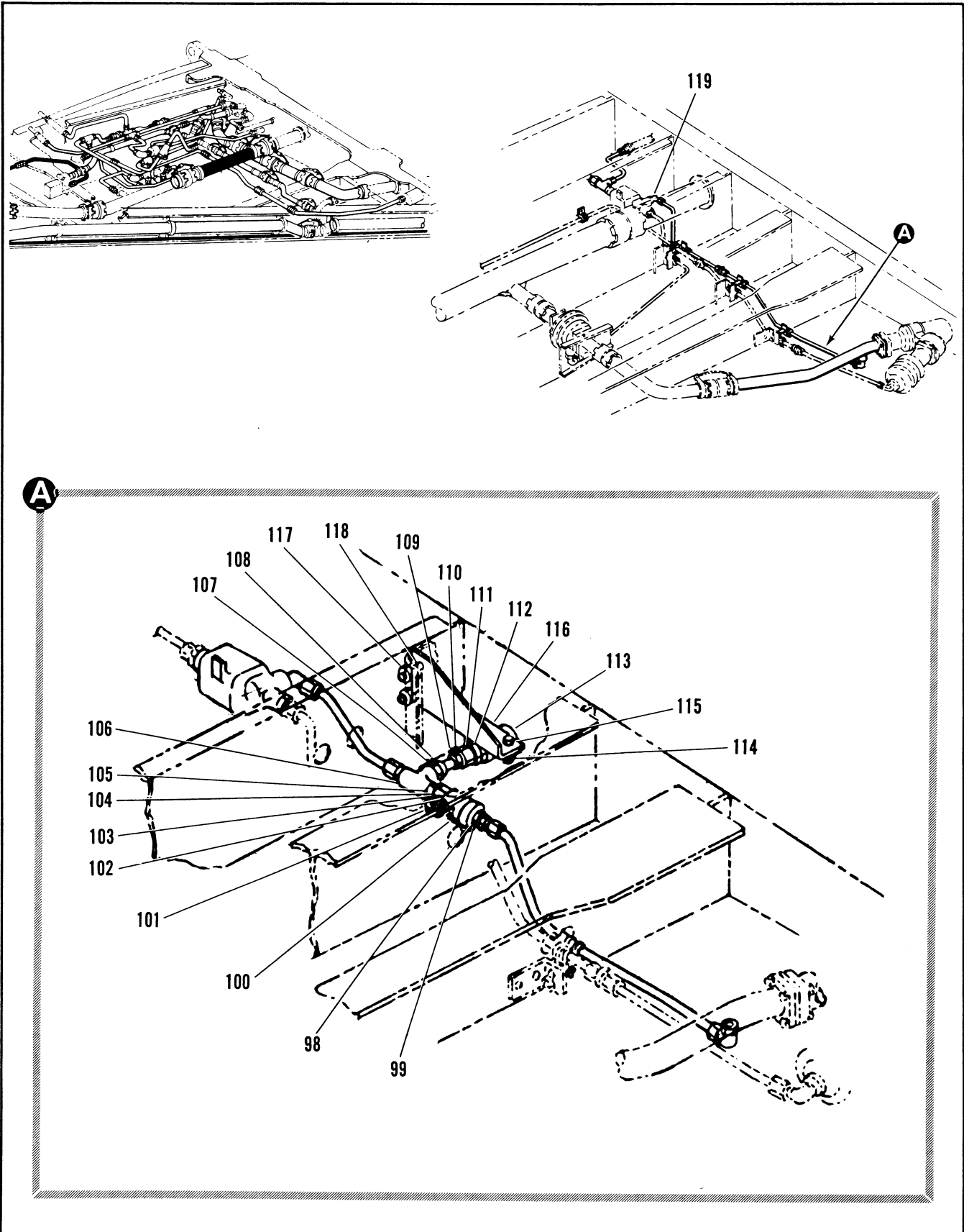


Figure 2.12-16. Wing Tank #1 Fuel Control Tubing Installation (Sheet 6 of 10)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-16- 98 - 99 -100 -101 -102 -103 -104 -105 -106 -107 -108 -109 -110 -111 -112 -113 -114 -115 -116 -117 -118 -119	MS21916D6-4	• REDUCER	1	160	
	MS29512-06	• GASKET	1	160	
	W535-3/8F	• VALVE (26624) ATTACHING PARTS	1	160	
	MS21042L3	• NUT	1	160	
	AN960010	• WASHER	1	160	
	AN3-3A	• BOLT -----X-----	1	160	
	MS2951206	• PACKING	1	160	
	AN893-2D	• BUSHING	1	160	
	MS29512-04	• PACKING	1	160	
	AN924D4	• NUT	1	160	
	MS21910D4	• TEE	1	160	
	MS29512-04	• PACKING	1	160	
	MS21924D4	• UNION	1	160	
	AN924D4	• NUT	1	160	
	MS29512-04	• PACKING	1	160	
	AN893-2D	• REDUCER	1	160	
	MS29512-06	• PACKING	1	160	
	W535-3/8F	• VALVE ATTACHING PARTS	1	160	
	MS21042L3	• NUT	1	160	
NA3-3A	• BOLT -----X-----	1	160		
69D36693-01	• BRACKET, LH	1	160		
69D36693-03	• BRACKET, RH ATTACHING PARTS	1	160		
MS21042L3	• NUT	2	160		
AN3-3A	• BOLT -----X-----	2	160		
MS21926D4	• ELBOW	1	160		
MS29512-4	• PACKING	1	160		
AN924-4D	• NUT	1	160		

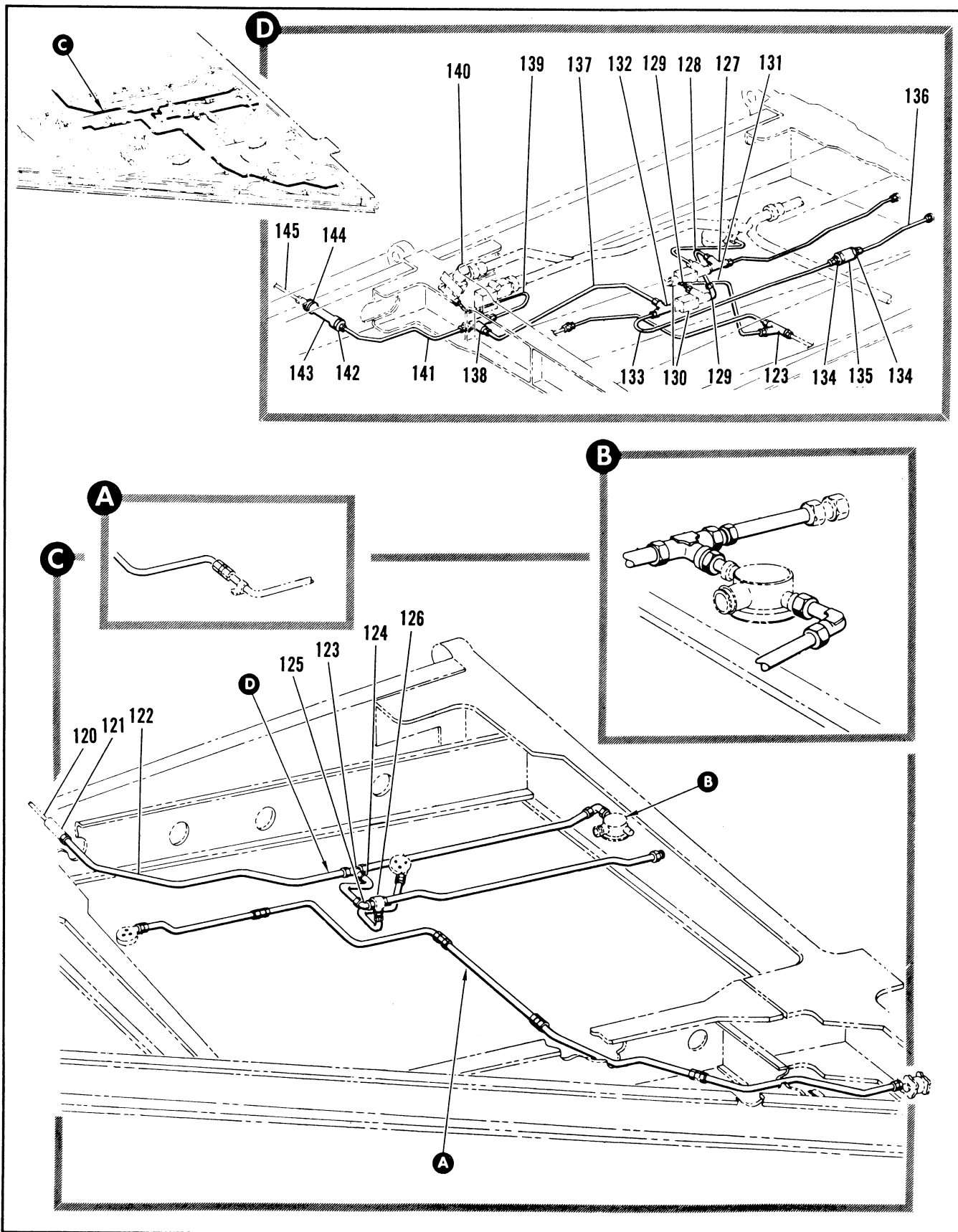


Figure 2.12-16. Wing Tank #1 Fuel Control Tubing Installation (Sheet 7 of 10)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-16- 98	MS21916D6-4	• REDUCER	1	160	
- 99	MS29512-06	• GASKET	1	160	
-100	W535-3/8F	• VALVE (26624) ATTACHING PARTS	1	160	
-101	MS21042L3	• NUT	1	160	
	AN960D10	• WASHER	1	160	
	AN3-3A	• BOLT -----X-----	1	160	
-102	MS2951206	• PACKING	1	160	
-103	AN893-2D	• BUSHING	1	160	
-104	MS29512-04	• PACKING	1	160	
-105	AN924D4	• NUT	1	160	
-106	MS21910D4	• TEE	1	160	
-107	MS29512-04	• PACKING	1	160	
-108	MS21924D4	• UNION	1	160	
-109	AN924D4	• NUT	1	160	
-110	MS29512-04	• PACKING	1	160	
-111	AN893-2D	• REDUCER	1	160	
-112	MS29512-06	• PACKING	1	160	
-113	W535-3/8F	• VALVE ATTACHING PARTS	1	160	
-114	MS21042L3	• NUT	1	160	
-115	AN3-3A	• BOLT -----X-----	1	160	
-116	69D36693-01	• BRACKET, LH	1	160	
	69D36693-03	• BRACKET, RH ATTACHING PARTS	1	160	
-117	MS21042L3	• NUT	2	160	
-118	AN3-3A	• BOLT -----X-----	2	160	
-119	MS21926D4	• ELBOW	1	160	
	MS29512-4	• PACKING	1	160	
	AN924-4D	• NUT	1	160	

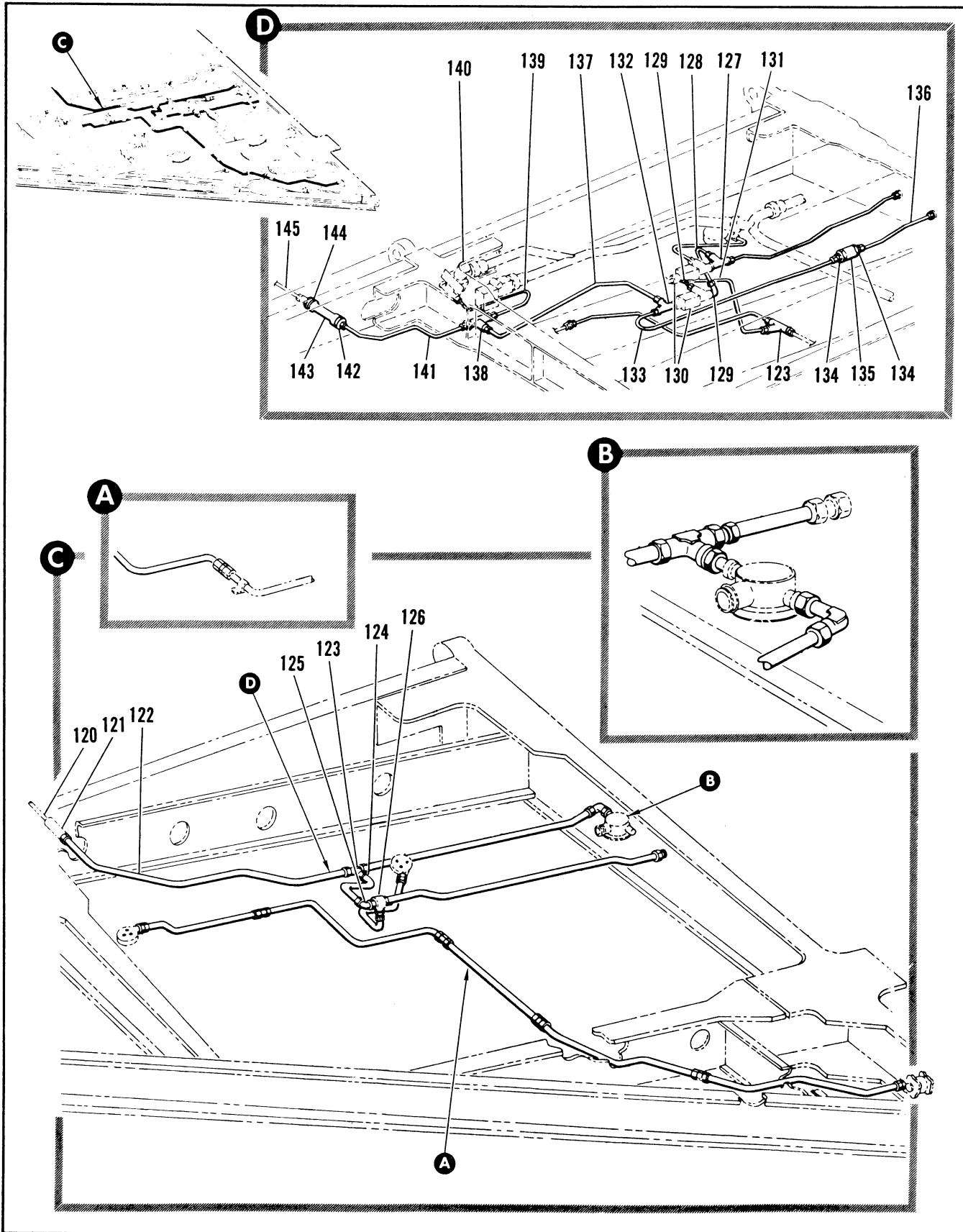


Figure 2.12-16. Wing Tank #1 Fuel Control Tubing Installation (Sheet 7 of 10)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-16-120		• TUBE ASSY, FUEL TANK PRESSURE SEE FIG. 2.12-45 INDEX 132	RF		
-121		• FITTING, STA 380 BL 63 SEE FIG. 2.12-66 INDEX 2	RF		
-122	8-20397-2257 8-20397-2425	• TUBE ASSY, LH • TUBE ASSY, RH	1 1	160 160	
-123	MS21905D4 MS21905D4	• TEE • TEE	2 2	160 160	
-124	8-20397-2261 8-20397-2449	• TUBE ASSY, LH • TUBE ASSY, RH	1 1	160 160	
-125	MS21908D4 AN924-4D MS29512-4	• ELBOW • NUT • GASKET	1 1 1	160 160 160	
-126		• VALVE ASSY, PRESSURE OPERATED PILOT SEE FIG. 2.12-1 INDEX 19	RF	160	
-127	MS21912D4 AN924D2 MS29512-4	• TEE • NUT • GASKET	1 1 1	160 160 160	
-128	66A40308-1	• TUBE ASSY	2	160	
-129	MS21909D4 AN924-4D MS29512-4 S169DT4	• ELBOW • NUT • GASKET • CLAMP (92196) ATTACHING PARTS	2 2 2 2	160 160 160 160	
	MS21942L3 NAS43003-20 MS35227-264	• NUT • SPACER • SCREW	1 1 1	160 160 160	
-130		-----X----- • VALVE INSTL, PRESSURE OPERATED PILOT SEE FIG. 2.12-1 INDEX 19	RF		
-131	66A40309-1	• TUBE ASSY	1	160	
-132	MS21912D4 MS21908D4 AN924-4D MS29512-4	• TEE, LH • ELBOW, RH • NUT • GASKET	1 1 1 1	160 160 160 160	
-133	66A40311	• TUBE ASSY, LH	2	160	
-134	MS21916D6-4 MS29512-6	• REDUCER, LH • GASKET, LH	2 2	160 160	
-135	W535-3/8F	• VALVE, AIR CHECK LH (96139) SPEC	1	160	
-136	66A40312-1	• TUBE ASSY, LH	1	160	
-137	66A40313-1	• TUBE ASSY	1	160	
-138	MS21912D4 AN924-4D	• TEE • NUT	1 1	160 160	
-139	66A40317-1 66A40316-1	• TUBE ASSY, LH • TUBE ASSY, RH	1 1	160 160	
-140		• VALVE ASSY, FUEL TANK VENT SEE FIG. 2.12-1 INDEX 17	RF	160	
-141	66A40318-1 66A40386-1	• TUBE ASSY, LH • TUBE ASSY, RH	1 1	160 160	
-142	AN924D6 AN960D916 MS29513-15	• NUT • WASHER • PACKING	1 2 1	160 160 160	
-143	8-21311-19	• WASHER	1	160	
-144	8-21260-7	• FITTING	1	160	
-145	8-21128-1	• GROMMET • TUBE ASSY, SEE FIG. 2.12-67 INDEX 11	1 RF	160 160	

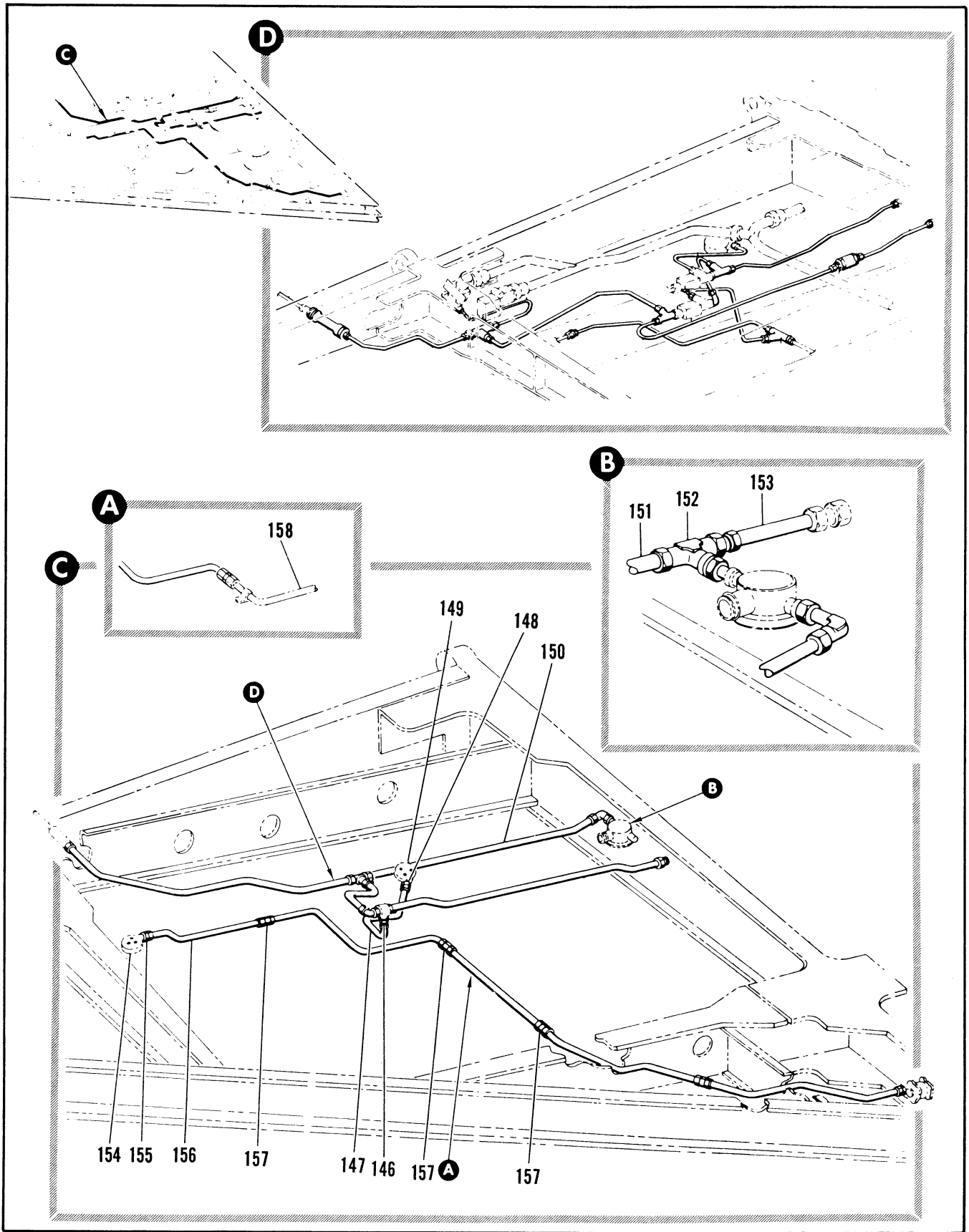


Figure 2.12-16. Wing Tank #1 Fuel Control Tubing Installation (Sheet 8 of 10)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-16-146	MS21902D4	• UNION	1	160	
	MS29512-4	• GASKET	1	160	
-147	8-20397-2259	• TUBE ASSY, LH	1	160	
	66A40634-1	• TUBE ASSY, RH	1	160	
-148	MS21908D4	• ELBOW	1	160	
	AN924-4D	• NUT	1	160	
	MS29512-04	• PACKING	1	160	
-149		• VALVE ASSY, FUEL TANK PILOT FLOAT SEE FIG. 2.12-1 INDEX 21	RF	160	
-150	8-20397-2403	• TUBE ASSY, LH	1	160	
-151	8-20397-2435	• TUBE ASSY, RH	1	160	
-152	MS21909D4	• TEE	1	160	
	AN924-4D	• NUT	1	160	
	MS29512-4	• GASKET	1	160	
-153	8-20397-2421	• TUBE ASSY, RH	1	160	277
	8-21836-9	• TUBE ASSY, RH	1	278	
-154		• VALVE ASSY, FUEL TANK PILOT FLOAT SEE FIG. 2.12-1 INDEX 32	RF		
-155	MS21904D4	• UNION	1	160	
	MS29512-4	• GASKET	1	160	
-156	8-20397-2387	• TUBE ASSY, LH	1	160	
	8-20397-2427	• TUBE ASSY, RH	1	160	
-157	MS21902D4	• UNION	3	160	
-158		• TUBE, VALVE SENSING	RF		

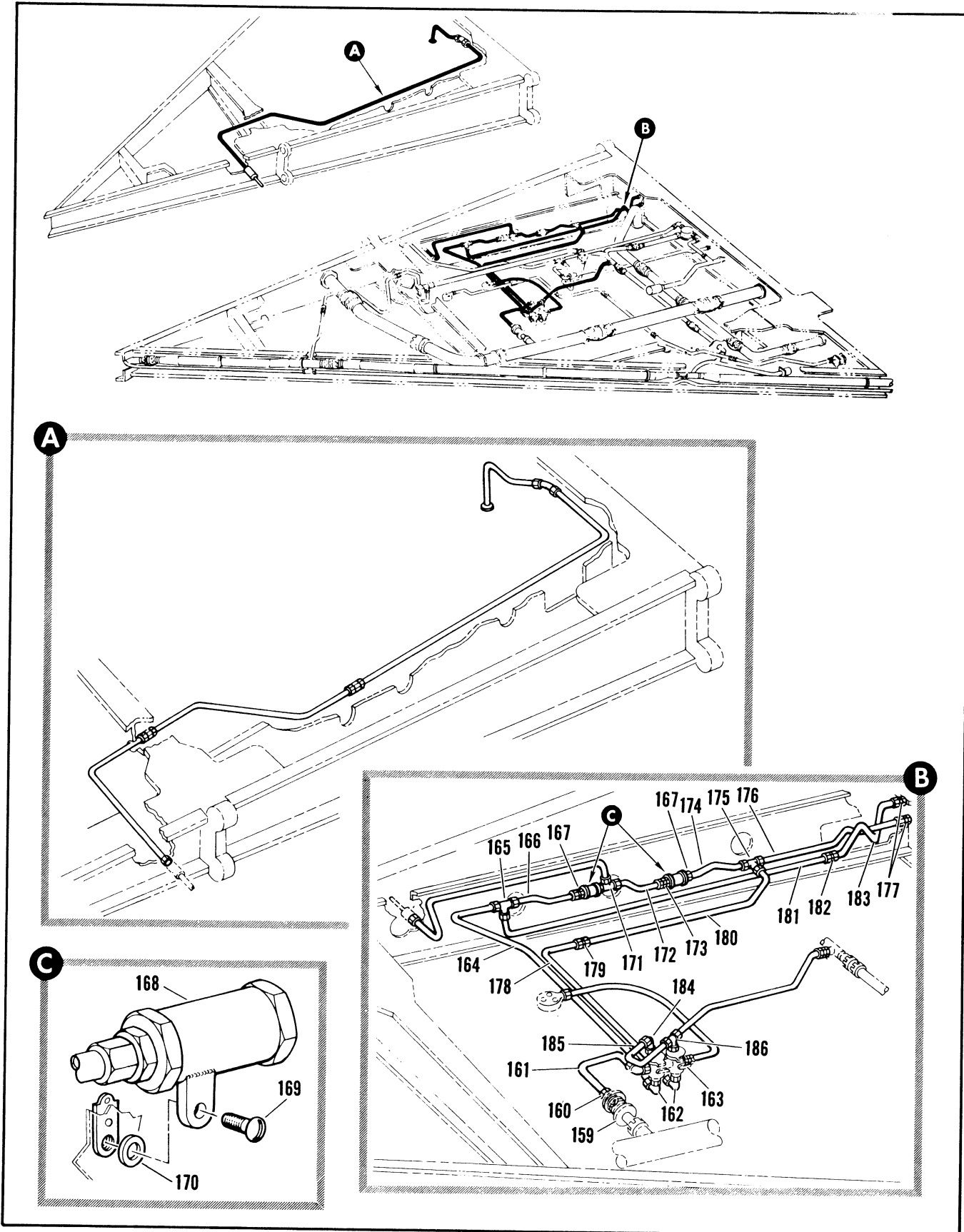


Figure 2.12-16. Wing Tank #1 Fuel Control Tubing Installation (Sheet 9 of 10)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-16-159		• VALVE ASSY, PILOT OPERATED SHUTOFF	RF		
-160	MS21902D4	• UNION	1	160	
	MS29512-4	• GASKET	1	160	
-161	8-20397-2269	• TUBE ASSEMBLY	1	160	
-162	MS21908D4	• ELBOW	3	160	
	MS29512-4	• GASKET	3	160	
	AN924-4D	• NUT	3	160	
-163		• VALVE ASSY, FUEL SHUTOFF SEE FIG. 2.12-1 INDEX 47	RF		
-164	8-20397-2393	• TUBE ASSY, LH	1	160	
	8-20397-2423	• TUBE ASSY, RH	1	160	
-165	MS21912D4	• TEE	1	160	
	AN924-4D	• NUT	1	160	
	AN9600716	• WASHER	1	160	
-166	8-20397-2391	• TUBE ASSY, LH	1	160	
	8-20397-2433	• TUBE ASSY, RH	1	160	
-167	MS21916D6	• REDUCER	2	160	
	MS29512-6	• GASKET	2	160	
-168	W535-3/RF	• VALVE, AIR CHECK <96138> SPEC 8-02998-13 ATTACHING PARTS	2	160	
-169	AN3-6A	• BOLT	1	160	
-170	99-51509-020	• WASHER	1	160	
		-----X-----			
-171	AN924-6D	• NUT	2	160	
	MS21912D6	• TEE	2	160	
	MS29512-6	• GASKET	1	160	
-172	8-20397-2395	• TUBE ASSY, LH	1	160	
	8-20397-2411	• TUBE ASSY, RH	1	160	
-173	MS21902D6	• UNION	1	160	
	MS29512-6	• GASKET	1	160	
-174	8-20397-2397	• TUBE ASSEMBLY	1	160	
	AN924-4D	• NUT	1	160	
	AN9600716	• WASHER	1	160	
-175	MS11912D4	• TEE	1	160	
-176	8-20397-2379	• TUBE ASSY, LH	1	160	
	8-20397-2441	• TUBE ASSY, RH	1	160	
-177		• UNION, SPAR #3 BL 44 SEE FIG. 2.12-66 INDEX 4	RF		
-178	8-20397-2401	• TUBE ASSEMBLY	1	160	
-179	MS21904D4	• UNION	1	160	
-180	8-20397-2399	• TUBE ASSY, LH	1	160	
	8-20397-2443	• TUBE ASSY, RH	1	160	
-181	8-20397-2375	• TUBE ASSEMBLY	1	160	
-182	MS21916D6-4	• REDUCER	1	160	
	MS29512-6	• GASKET	1	160	
-183	8-20397-2377	• TUBE ASSY, LH	1	160	
	8-20397-2439	• TUBE ASSY, RH	1	160	
	AN924-6D	• NUT	1	160	
-184	MS21908D6	• ELBOW	1	160	
	MS29512-6	• GASKET	1	160	
-185	8-20397-2451	• TUBE ASSEMBLY	1	160	
	AN924-6D	• NUT	1	160	
-186	MS21909D6	• TEE	1	160	
	MS29512-5	• GASKET	1	160	

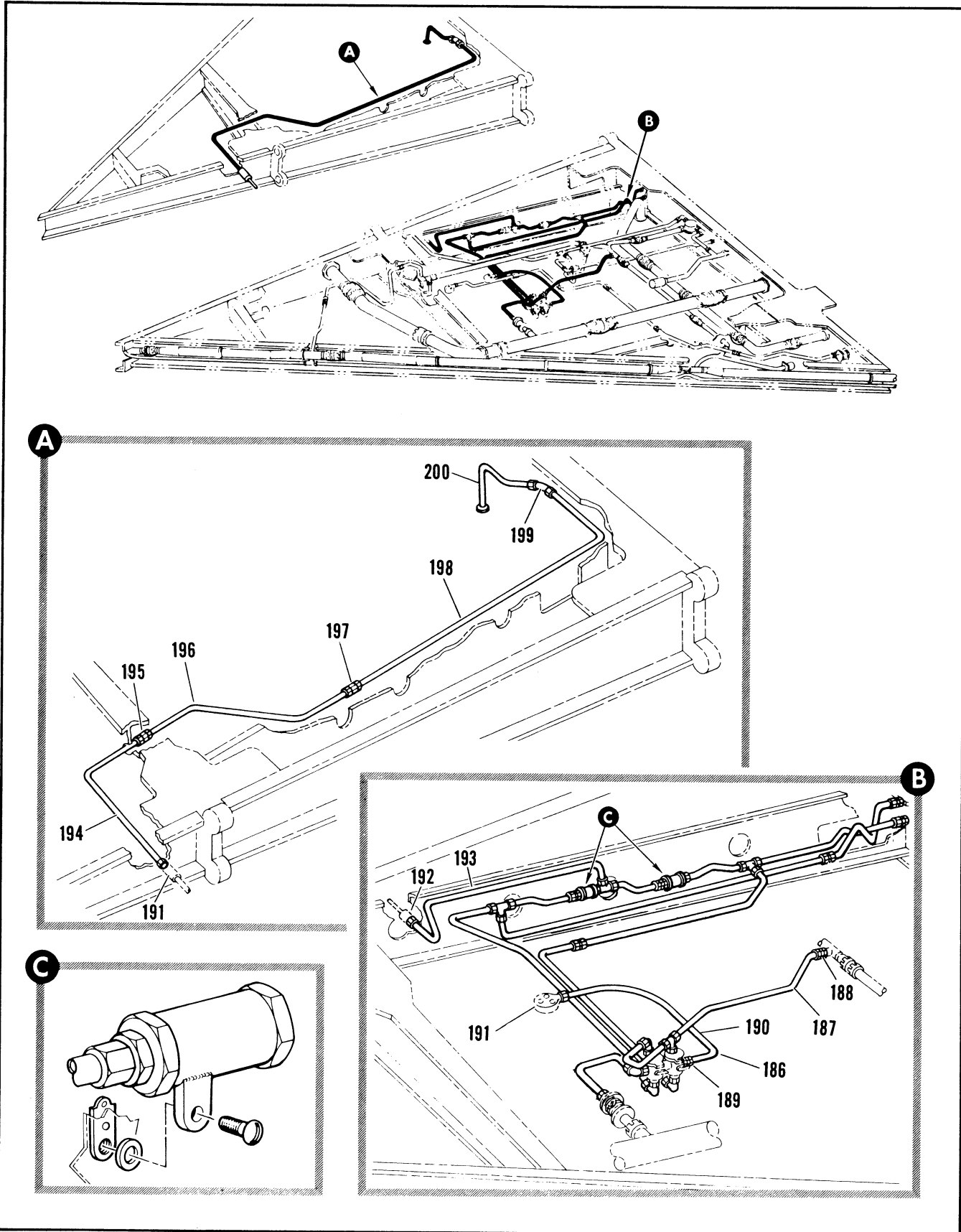


Figure 2.12-16. Wing Tank #1 Fuel Control Tubing Installation (Sheet 10 of 10)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-16-187	8-20397-2257	• TUBE ASSY, LH	1	160	
	8-20397-2413	• TUBE ASSY, RH	1	160	
-188	MS21902D6	• UNION	1	160	
	MS29512-6	• GASKET	1	160	
-189	MS21902D4	• UNION	2	160	
	MS29512-4	• GASKET	2	160	
-190	8-20397-2265	• TUBE ASSY, LH	1	160	
	8-20397-2437	• TUBE ASSY, RH	1	160	
-191		• VALVE ASSY, FUEL TANK PILOT FLOAT SEE FIG. 2.12-1 INDEX 32	RF		
-192		• UNION, SEE FIG. 2.12-66	RF		
-193	8-20397-2389	• TUBE ASSY, LH	1	160	
	8-20397-2409	• TUBE ASSY, RH	1	160	189
	8-20397-2655	• TUBE ASSY, RH	1	190	215
	8-20397-2469	• TUBE ASSY, RH	1	216	
-194	8-20397-2637	• TUBE ASSY, RH	1	190	
-195	MS21903D6	• UNION	1	190	
	AN924-6D	• NUT	1	190	
	AN967D6	• WASHER	1	190	
-196	8-20397-2639	• TUBE ASSY, RH	1	190	
-197	MS21902D6	• UNION	1	190	
-198	8-20397-2651	• TUBE ASSY, RH	1	190	
-199	MS21907D6	• ELBOW	1	190	
	AN924-6D	• NUT	1	190	
	AN967D6	• WASHER	1	190	
-200	8-20397-2653	• TUBE ASSY, RH	1	190	

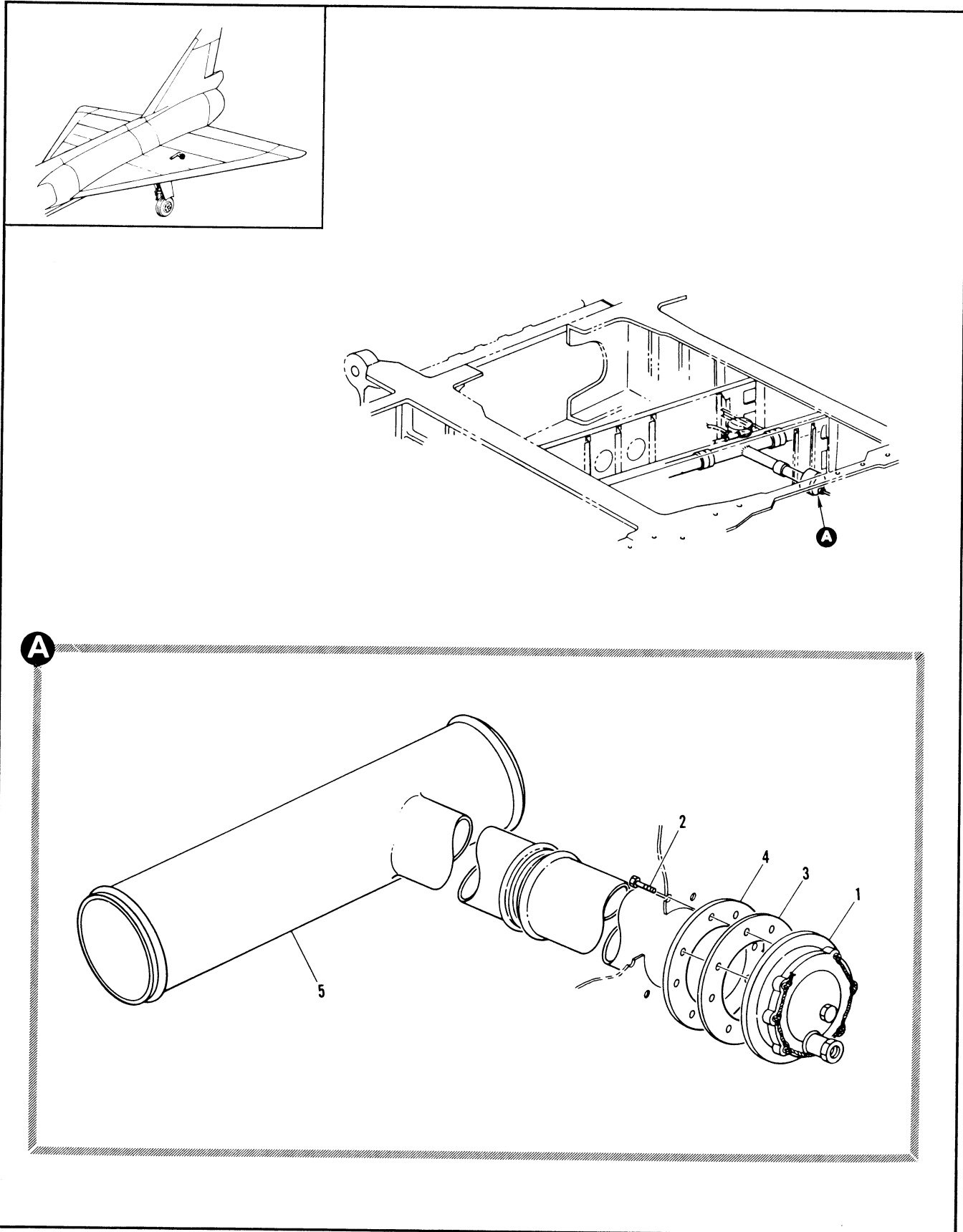


Figure 2.12-17. Tank #3 Refuel Shutoff and Pilot Valve Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-17	8-21534-839	VALVE INSTALLATION, TANK #3 REFUEL SHUTOFF AND PILOT LH FOR NHA SEE FIG. 2.6-32	RF	35	
	8-21534-811	VALVE INSTALLATION, TANK #3 REFUEL SHUTOFF AND PILOT RH FOR NHA SEE FIG. 2.6-32	RF	35	
- 1	15-356-101	• VALVE ASSY, SHUTOFF STA 542 <82267> SPEC 8-00903-1 T.O. 6J15-10-106-13	1	35	
	15-356-51	• VALVE ASSY, SHUTOFF STA 542 <82267> SPEC 8-00903-1 ALT INTCHG WITH 15-356-101 ATTACHING PARTS	RF	35	
- 2	AN4H5A	• BOLT ----X----	6	35	
- 3	075156-4	• GASKET, <83259> SPEC 8-02287-7	1	35	
- 4	8-21526	• FITTING ASSY, TANK #3 REFUELING WELDED	1	35	
- 5	8-21170	• TUBE ASSY, LH WELDED REPLACED BY SUITABLE SUB 8-21170-3	1	35	188
	8-21170-3	• TUBE ASSY, LH WELDED REPLACES SUITABLE SUB FOR 8-21170	1	189	
	8-21170-1	• TUBE ASSY, RH WELDED REPLACED BY SUITABLE SUB 8-21170-4	1	35	188
	8-21170-4	• TUBE ASSY, RH WELDED REPLACES SUITABLE SUB FOR 8-21170-1	1	189	

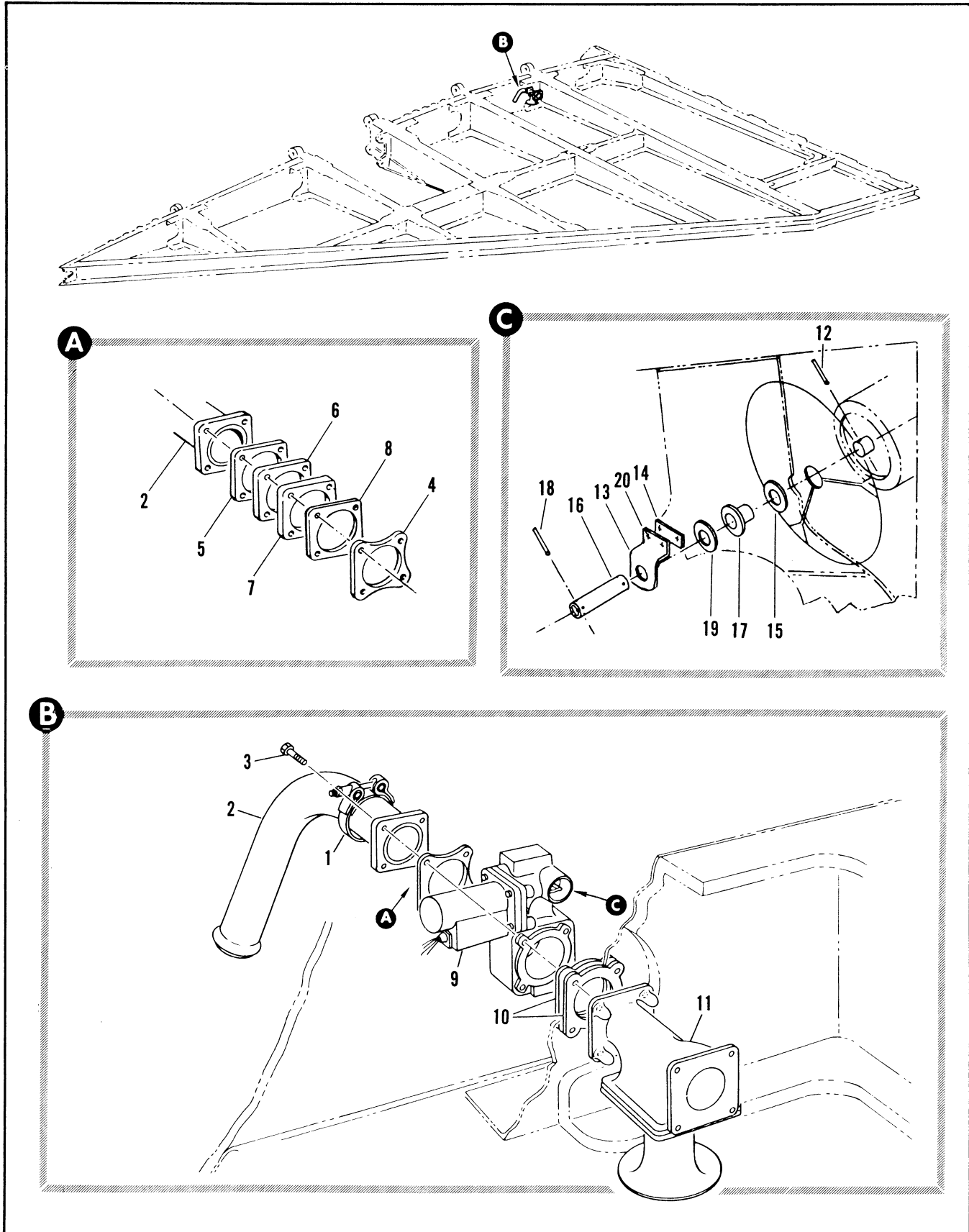


Figure 2.12-18. Shutoff and Check Valve Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-18	8-21538-1	VALVE INSTALLATION, SHUTOFF AND CHECK LH FOR NHA SEE FIG. 2.6-32	RF	35	
	8-21538-3	VALVE INSTALLATION, SHUTOFF AND CHECK RH FOR NHA SEE FIG. 2.6-32	RF	35	
- 1	320-62-2125	• CLAMP, MAR 91-97802-022	1	35	
- 2		• TUBE ASSY, ENGINE FUEL SUPPLY LH AND RH SEE FIG. 2.12-65 INDEX 32	RF		
		ATTACHING PARTS			
- 3	AN5H23A	• BOLT	4	35	
		----X----			
- 4	075356-2	• GASKET, <83259> SPEC 8-02289-3	2	61	
- 5	8-21610-7	• SHIM	AR	61	
- 6	8-21610-9	• SHIM	AR	61	
- 7	8-21610-11	• SHIM	AR	61	
- 8	8-21610-13	• SHIM	AR	61	
- 9	130415-1	• VALVE ASSY, SHUTOFF <79318> SPEC 8-00959-3	1	35	277
	132305-1	• VALVE ASSY, SHUTOFF <79318> SPEC 8-00959-3 ALT INTCHG WITH 130415-1 REPLACES NOT INTCHG WITH 130415	RF	35	277
	K41866	• VALVE ASSY, SHUTOFF <82700> SPEC 8-00959-3 ALT INTCHG WITH 130415-1	RF	55	277
	K41866-1	• VALVE ASSY, SHUTOFF <82700> SPEC 8-00959-5	1	278	
	132305-1	• VALVE ASSY, SHUTOFF <79318> SPEC 8-00959-3 ALT INTCHG WITH K41866-1	RF	278	
- 10	075556-3	• GASKET, <83259> SPEC 8-02291-5	2	35	
- 11	312800	INSTALLATION, T.O. 6J1E-2-50-13 REPLACED BY SUITABLE SUB 312800-1	1	35	188
	312800-1	• VALVE ASSY, CHECK <96124> SPEC 8-02968-1 REPLACES SUITABLE SUB FOR 312800	1	189	
	69F35365	INSTALLATION VALVE INDICATOR	RF	35	
- 12	MS246665-22	• PIN, COTTER (USED WITH THOMPSON VALVE)	1	35	
	MS171433	• PIN, SPRING (USED WITH WHITTAKER VALVE)	1	35	
- 13	7036809-1	• RETAINER	1	35	
- 14	7036811-01	• FILLER	1	35	
- 15	7036812-01	• WASHER	1	35	
- 16	7036813-01	• SHAFT	1	35	
- 17	7036814-01	• SEAL	1	35	
- 18	MS171442	• PIN	1	35	
- 19	AN969-416L	• WASHER	1	35	
- 20	MS20435F4-5	• RIVET	2	35	

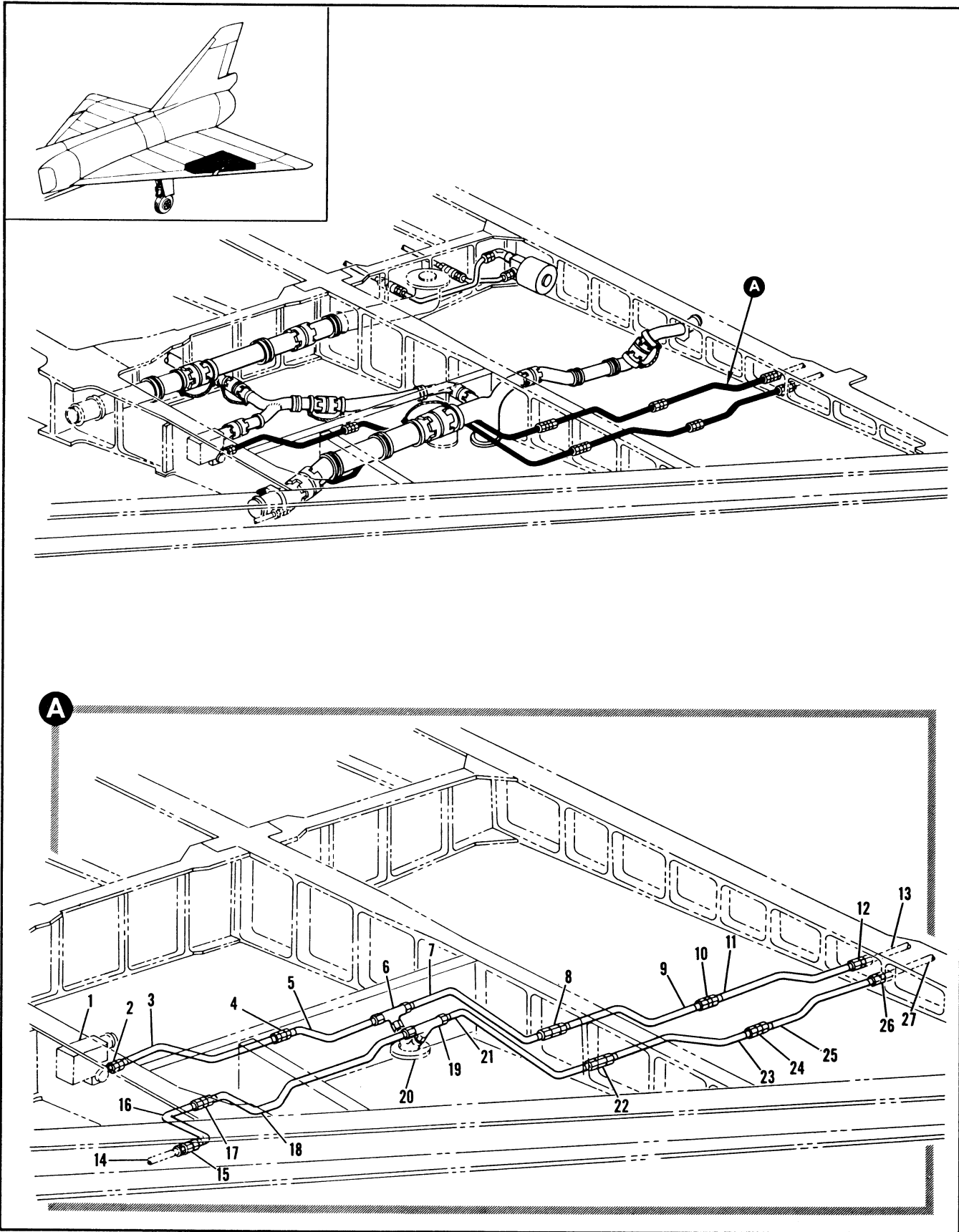


Figure 2.12-19. Wing Tank #2 Fuel Control Tubing Installation (Sheet 1 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-19	8-20397-837	TUBING INSTALLATION, WING TANK #2 FUEL CONTROL LH FOR NHA SEE FIG. 2.6-32	RF	35	159
	8-20397-855	TUBING INSTALLATION, WING TANK #2 FUEL CONTROL LH FOR NHA SEE FIG. 2.6-32	RF	160	189
	8-20397-865	TUBING INSTALLATION, WING TANK #2 FUEL CONTROL LH FOR NHA SEE FIG. 2.6-32	RF	190	
	8-20397-839	TUBING INSTALLATION, WING TANK #2 FUEL CONTROL RH FOR NHA SEE FIG. 2.6-32	PF	35	159
	8-20397-857	TUBING INSTALLATION, WING TANK #2 FUEL CONTROL RH FOR NHA SEE FIG. 2.6-32	RF	160	189
	8-20397-867	TUBING INSTALLATION, WING TANK #2 FUEL CONTROL RH FOR NHA SEE FIG. 2.6-32	RF	190	
- 1		• VALVE ASSY, TANK #2 PRESSURE RELIEF SEE FIG. 2.12-1 INDEX 88	RF		
- 2	MS21902D4	• UNION	1	35	
	MS29512-4	• GASKET	1	35	
- 3	8-20397-53	• TUBE ASSEMBLY	1	35	159
	8-20397-2229	• TUBE ASSEMBLY	1	160	
- 4	MS21902D4	• UNION	1	35	
- 5	8-20397-51	• TUBE ASSY, LH	1	35	159
	8-20397-2227	• TUBE ASSY, LH	1	160	
	8-20397-149	• TUBE ASSY, RH	1	35	159
	8-20397-2231	• TUBE ASSY, RH	1	160	
- 6	MS21909D4	• TEE	1	35	
- 7	8-20397-241	• TUBE ASSY, LH	1	35	159
	8-20397-2241	• TUBE ASSY, LH	1	160	
	8-20397-247	• TUBE ASSY, RH	1	35	159
	8-20397-2247	• TUBE ASSY, RH	1	160	
	AN924-4D	• NUT	1	35	
	AN960D716	• WASHER	1	35	
- 8	MS21903D4	• UNION	1	35	
- 9	8-20397-243	• TUBE ASSEMBLY	1	35	159
	8-20397-2243	• TUBE ASSEMBLY	1	160	
- 10	MS21902D4	• UNION	1	35	
- 11	8-20397-245	• TUBE ASSEMBLY	1	35	159
	8-20397-2245	• TUBE ASSEMBLY	1	160	
- 12		• UNION, SPAR #6 BL 142 SEE FIG. 2.12-68 INDEX 18	RF		
- 13		• TUBE ASSY, SEE FIG. 2.12-21 INDEX 73	RF		
- 14		• TUBE ASSY, SEE FIG. 2.12-15 INDEX 36	RF		
- 15		• UNION, SPAR #4 BL 120 SEE FIG. 2.12-66 INDEX 14	RF		
- 16	8-20397-47	• TUBE ASSEMBLY	1	35	159
	8-20397-2223	• TUBE ASSEMBLY	1	160	
- 17	MS21902D6	• UNION	1	35	
- 18	8-20397-49	• TUBE ASSEMBLY	1	35	159
	8-20397-2225	• TUBE ASSEMBLY	1	160	
	AN924-6D	• NUT	2	35	
- 19	MS21909D6	• TEE	2	35	
	MS29512-6	• GASKET	2	35	
- 20		• FLANGE, SENSING OUTLET BL 126 SEE FIG. 296-36 INDEX 2	RF		
- 21	8-20397-174	• TUBE ASSY, LH	1	35	159
	8-20397-2233	• TUBE ASSY, LH	1	160	
	8-20397-202	• TUBE ASSY, RH	1	35	159
	8-20397-2235	• TUBE ASSY, RH	1	160	
	AN924-6D	• NUT	1	35	
	AN960D916	• WASHER	1	35	
- 22	MS21903D6	• UNION	1	35	
- 23	8-20397-304	• TUBE ASSEMBLY	1	35	
	8-20397-2251	• TUBE ASSEMBLY	1	160	189
	8-20397-2907	• TUBE ASSEMBLY	1	190	
- 24	MS21902D6	• UNION	1	35	
- 25	8-20397-302	• TUBE ASSEMBLY	1	35	159
	8-20397-2249	• TUBE ASSEMBLY	1	160	
- 26		• UNION, SPAR #6 BL 143 SEE FIG. 2.12-66 INDEX 18	RF		
- 27		• TUBE ASSY, LH SEE FIG. 2.12-21 INDEX 72	RF		

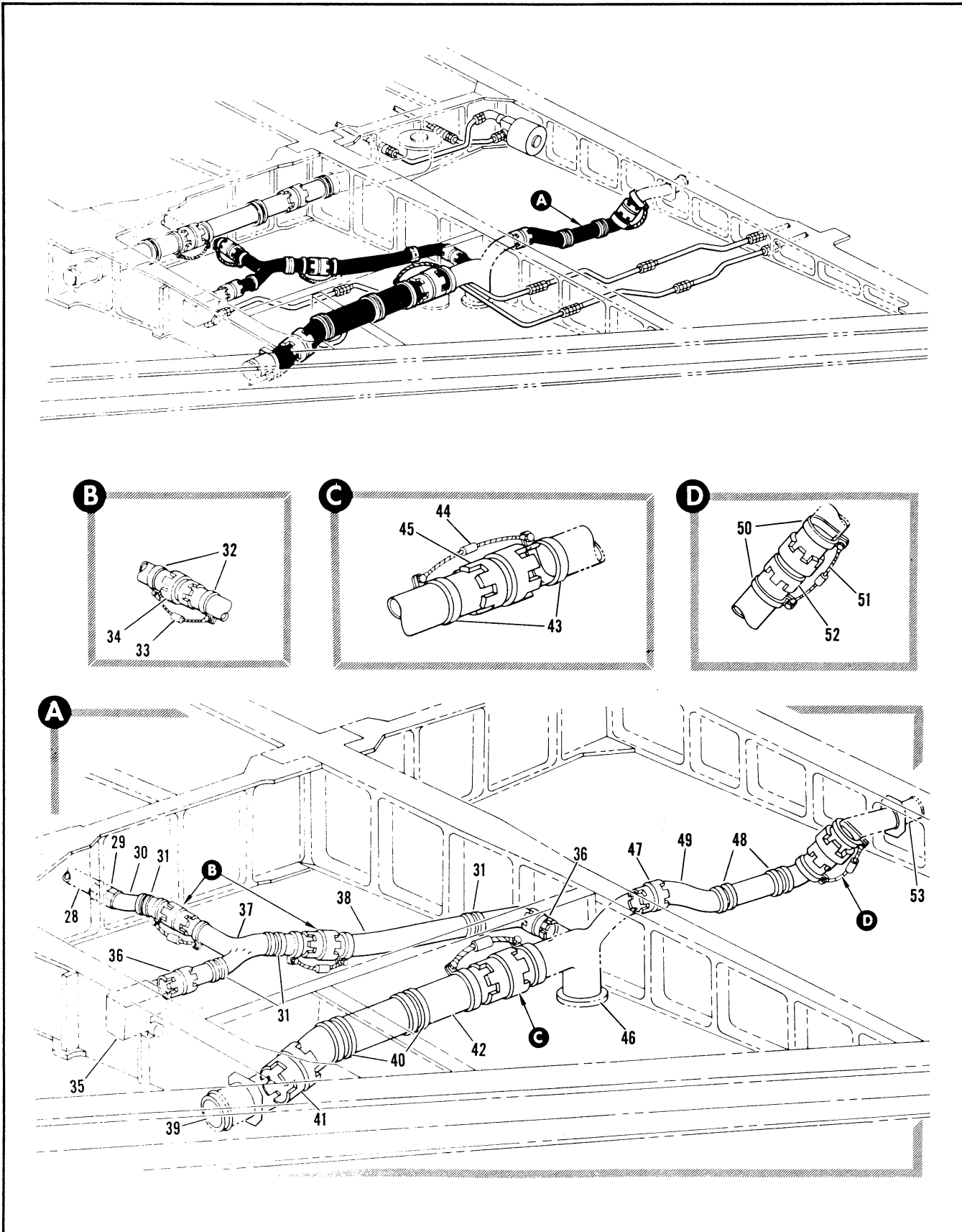


Figure 2.12-19. Wing Tank #2 Fuel Control Tubing Installation (Sheet 2 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-19- 28		• TUBE ASSY, SEE FIG. 2.12-20 INDEX 71	RF		
- 29		• UNION, STA 492 BL 92 SEE FIG. 2.12-66 INDEX 20	RF		
- 30	8-20397-43	• TUBE ASSEMBLY	1	35	
- 31	91-98026-015	• CLAMP	4	35	
- 32	AN735D16	• CLAMP	4	35	
		ATTACHING PARTS			
	NAS679A3	• NUT	4	35	
	AN960D10L	• WASHER	4	35	
	AN526-103R6	• SCREW	4	35	
		----X----			
- 33	MS25083-1BB3	• JUMPER	2	35	
- 34	3605-16D	• COUPLING, <79326> 92-72500-001	2	35	
- 35		• VALVE ASSY, TANK #2 PRESSURE RELIEF SEE FIG. 2.12-1 INDEX 88	RF		
	MS29513-214	• PACKING	3	35	
- 36	3605-16D	• COUPLING, <79326> 92-72500-001	2	35	
	MS29513-214	• PACKING	1	35	
- 37	8-21594-3	• TUBE ASSY, LH	1	35	
	8-21594-4	• TUBE ASSY, RH	1	35	
- 38	8-20397-45	• TUBE ASSEMBLY	1	35	
	8-20397-151	• TUBE ASSEMBLY	1	35	
- 39		• TUBE ASSY, VENT SEE FIG. 2.12-23 INDEX 2	RF		
- 40	MS21919DF-32	• CLAMP	2	35	
- 41	3605-32D	• COUPLING, <79326> 92-72500-002	1	35	
	MS29513-329	• PACKING	1	35	
- 42	8-20397-507	• TUBE ASSEMBLY	1	35	
- 43	AN735D32	• CLAMP	2	35	
		ATTACHING PARTS			
	NAS679A3	• NUT	2	35	
	AN960D10L	• WASHER	2	35	
	AN526-1032R6	• SCREW	2	35	
		----X----			
- 44	MS25083-1BB4	• JUMPER	1	35	
- 45	3605-32D	• COUPLING, WIG 92-72500-002	1	35	
	MS29513-329	• PACKING	1	35	
- 46		• OUTLET ASSY, FUEL TANK #2 VENT LH SEE FIG. 2.12-1 INDEX 38	RF		
	3605-24D	• COUPLING, <79326> 92-72500-003	1	35	
- 47	MS29513-325	• PACKING	1	35	
	91-98026-023	• CLAMP	2	35	
- 48	8-20397-157	• TUBE ASSEMBLY	1	35	
- 49	AN735D24	• CLAMP	2	35	
- 50		ATTACHING PARTS			
	NAS679A3	• NUT	2	35	
	AN960D10L	• WASHER	2	35	
	AN526-1032R6	• SCREW	2	35	
		----X----			
- 51	MS25083-1BB4	• JUMPER	1	35	
- 52	3605-24D	• COUPLING, <79326> 92-72500-003	1	35	
	MS29513-325	• PACKING	1	35	
- 53		• TUBE ASSY, TRANSFER TANK VENT SEE FIG 2.12-14 INDEX 31	RF		

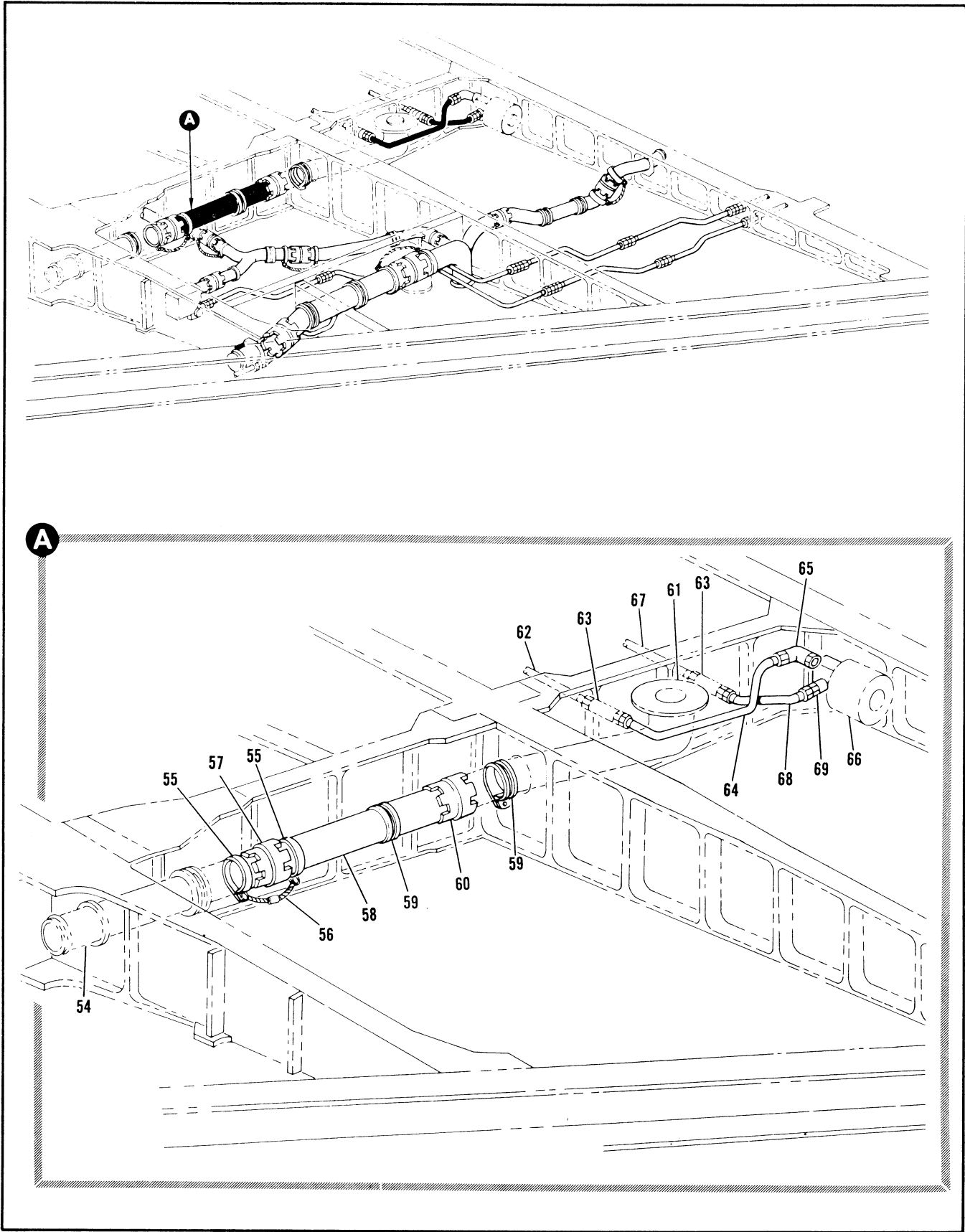


Figure 2.12-19. Wing Tank #2 Fuel Control Tubing Installation (Sheet 3 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-19- 54 - 55	AN735D40 NAS679A3 AN960D10L AN526-1032R6	<ul style="list-style-type: none"> • TUBE ASSY, SEE FIG. 2.12-16 INDEX 103 • CLAMP ATTACHING PARTS • NUT • WASHER • SCREW -----X----- 	RF 4	35	
- 56	MS25083-1BB4	• JUMPER	2	35	
- 57	3605-40D MS29513-333	• COUPLING, <79326> 92-72500-004 • PACKING	2 2	35 35	
- 58	8-20397-39 8-20397-77	• TUBE ASSY, LH • TUBE ASSY, RH	1 1	35 35	
- 59	MS21122-40 NAS430D3-24	• CLAMP • SPACER	4 1	35 35	
- 60	3605-40D MS29513-333	• COUPLING, <79326> 92-72500-004 • PACKING	1 1	35 35	
- 61		• BELLMOUTH ASSY, TANK #2 LH SEE FIG. 2.12-14 INDEX UUL	RF		
- 62		• TUBE ASSY, LH SEE FIG. 2.12-26 INDEX LI	RF		
- 63		• UNION, STA 532 AND 542 RL 92 SEE FIG. 2.12-66 INDEX 19	RF		
- 64	8-20397-411 8-20397-2253 8-20397-413 8-20397-2237	• TUBE ASSY, LH • TUBE ASSY, LH • TUBE ASSY, RH • TUBE ASSY, RH	1 1 1 1	35 160 35 160	159 159
- 65	MS21908D4 MS29512-4	• ELBOW • GASKET	1 1	35 35	
- 66		• VALVE ASSY, TANK #2 PILOT FLOAT SEE FIG. 2.12-1 INDEX 86	RF		
- 67		• TUBE ASSY, LH SEE FIG. 2.12-20 INDEX 52	RF		
- 68	8-20397-415 8-20397-2255 8-20397-417 8-20397-2239	• TUBE ASSY, LH • TUBE ASSY, LH • TUBE ASSY, RH • TUBE ASSY, RH	1 1 1 1	35 160 35 160	159 159
- 69	MS21902D4 MS29512-4 AN924-4D	• UNION • GASKET • NUT	1 1 1	35 35 35	

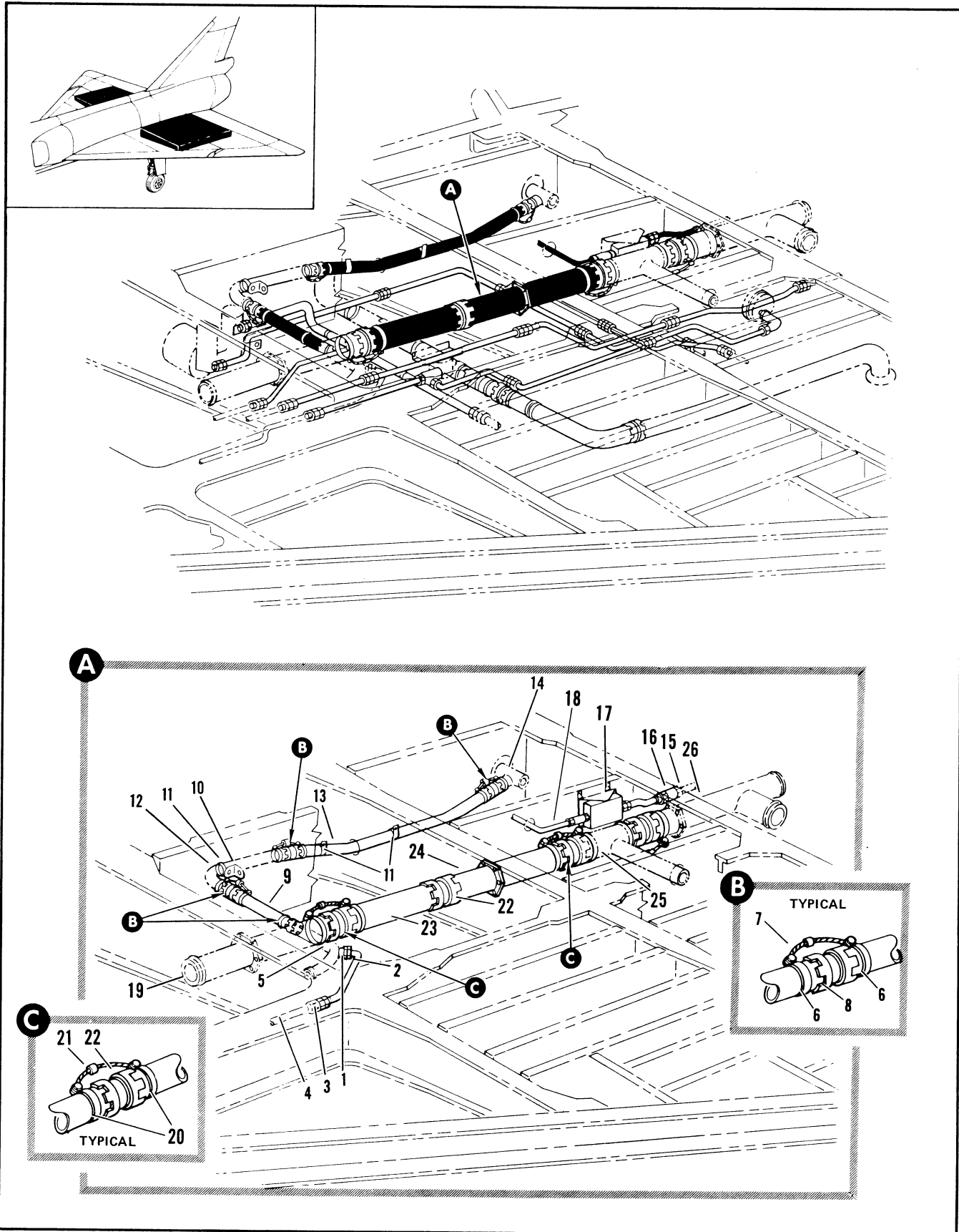


Figure 2.12-20. Wing Tank #3 Fuel Control Tubing Installation (Sheet 1 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
				1	2	3	4	5	6
2.12-20	8-20397-837	TUBING INSTALLATION, WING TANK #3 FUEL CONTROL LH FOR NHA SEE FIG. 2.6-32	RF	35	159
	8-20397-855	TUBING INSTALLATION, WING TANK #3 FUEL CONTROL LH FOR NHA SEE FIG. 2.6-32	RF	160	189
	8-20397-865	TUBING INSTALLATION, WING TANK #3 FUEL CONTROL LH FOR NHA SEE FIG. 2.6-32	RF	190	
	8-20397-839	TUBING INSTALLATION, WING TANK #3 FUEL CONTROL RH FOR NHA SEE FIG. 2.6-32	RF	35	159
	8-20397-857	TUBING INSTALLATION, WING TANK #3 FUEL CONTROL RH FOR NHA SEE FIG. 2.6-32	RF	160	189
	8-20397-867	TUBING INSTALLATION, WING TANK #3 FUEL CONTROL RH FOR NHA SEE FIG. 2.6-32	RF	190	
- 1	MS21902D4	• UNION	1	35	159
	MS29512-A	• GASKET	1	35	159
- 2	8-20397-395	• TUBE ASSY, LH	1	35	159
	8-20397-2321	• TUBE ASSY, LH	1	160	
	8-20397-423	• TUBE ASSY, RH	1	35	159
	8-20397-2325	• TUBE ASSY, RH	1	160	
- 3		• UNION, SPAR #4 BL 89 SEE FIG. 2.12-66 INDEX 13	RF		
- 4		• TUBE ASSY, LH SEE FIG. 2.12-37 INDEX 93	RF		
- 5		• TUBE ASSY, LH SEE FIG. 2.12-61 INDEX 7	RF		
- 6	AN735D32	• CLAMP	8	35	
	NAS679A3	• NUT	8	35	
	AN960D10L	• WASHER	8	35	
	AN526-1032R6	• SCREW	8	35	
- 7	MS25083-18B4	• JUMPER	4	35	
- 8	3605-32D	• COUPLING, <79326> 92-72500-002	4	35	
	MS29513-329	• PACKING	4	35	
- 9	8-20397-405	• TUBE ASSEMBLY	1	35	
- 10	AN743-12	• BRACKET	1	35	
- 11	91-58026-031	• CLAMP	3	35	
- 12		• ELBOW, SEE FIG. 2.12-61 INDEX 9	RF		
- 13	8-20397-403	• TUBE ASSEMBLY, LH	1	35	
	8-20397-425	• TUBE ASSY, RH	1	35	
- 14		• TUBE ASSY, SEE FIG. 2.12-61 INDEX 11	RF		
- 15		• TUBE ASSY, LH SEE FIG. 2.12-21 INDEX 34	RF		
- 16		• UNION, SPAR #6 BL 56 SEE FIG. 2.12-66 INDEX 17	RF		
- 17		• VALVE ASSY, SHUTOFF SEE FIG. 2.12-36 INDEX 3	RF		
- 18	8-21847-13	• TUBE ASSEMBLY	1		
	8-21847-11	• TUBE ASSEMBLY	1		
- 19		• TUBE ASSY, SEE FIG. 2.12-14 INDEX 57	RF		
- 20	AN735D48	• CLAMP	4	35	
	NAS679A3	• NUT	4	35	
	AN960D10L	• WASHER	4	35	
	AN526-1032R6	• SCREW	4	35	
- 21	MS25083-18B4	• JUMPER	2	35	
- 22	3605-48D	• COUPLING, <79326> 92-72500-005	3	35	
	MS29513-337	• PACKING	3	35	
- 23	8-20397-774	• TUBE ASSEMBLY	1	35	
- 24	8-20397-772	• TUBE ASSY, LH	1	35	
	8-20397-1791	• TUBE ASSY, RH	1	35	
- 25		• TUBE ASSY, LH SEE FIG. 2.12-17 INDEX 5	RF		
- 26		• TUBE ASSY, LH SEE FIG. 2.12-14 INDEX 73	RF		

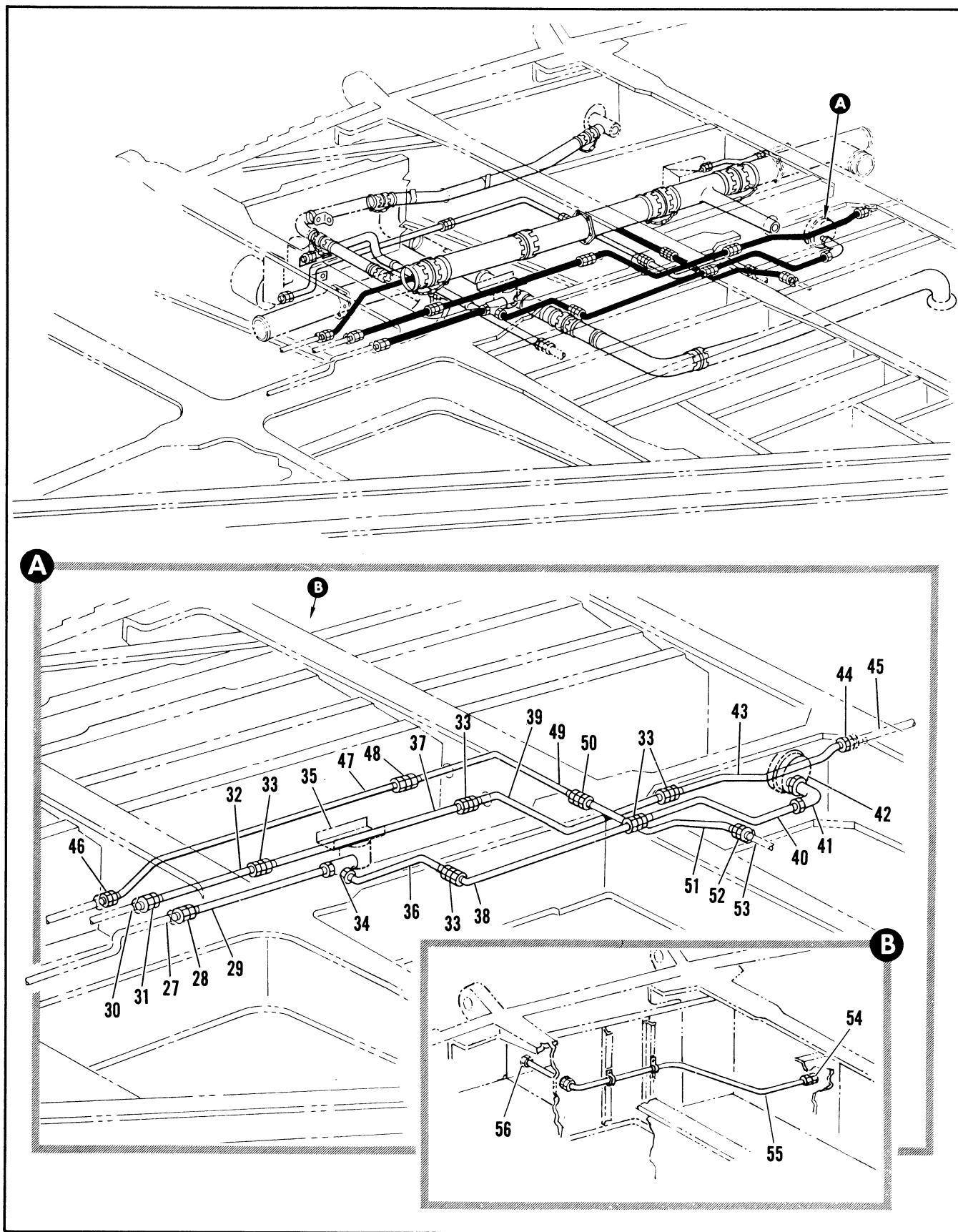


Figure 2.12-20. Wing Tank #3 Fuel Control Tubing Installation (Sheet 2 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-20- 27		• TUBE ASSY, LH SEE FIG. 2.12-37 INDEX 42	RF		
- 28		• UNION, SPAR #4 BL 66 SEE FIG. 2.12-66	RF		
- 29	8-20397-1479	• TUBE ASSY, LH	1	35	159
	8-20397-2325	• TUBE ASSY, LH	1	160	
	8-20397-1783	• TUBE ASSY, RH	1	35	159
	8-20397-2357	• TUBE ASSY, RH	1	160	
- 30		• TUBE ASSY, LH SEE FIG. 2.12-32	RF		
- 31		• UNION, SPAR #4 BL 68 SEE FIG. 2.12-66	RF		
- 32	8-20397-1481	• TUBE ASSY, LH	1	35	159
	8-20397-2337	• TUBE ASSY, LH	1	160	
	8-20397-1775	• TUBE ASSY, RH	1	35	159
	8-20397-2349	• TUBE ASSY, RH	1	160	
- 33	MS2190204	• UNION	5	35	
	AN924-4D	• NUT	1	35	
- 34	MS2191204	• TEE	1	35	
	MS29512-4	• GASKET	1	35	
- 35		• VALVE ASSY, TANK #3 REFUEL PILOT LH SEE FIG. 2.12-1 INDEX 76	RF		
- 36	8-20397-1477	• TUBE ASSY, LH	1	35	159
	8-20397-2333	• TUBE ASSY, LH	1	160	
	8-20397-1781	• TUBE ASSY, RH	1	35	159
	8-20397-2355	• TUBE ASSY, RH	1	160	
- 37	8-20397-344	• TUBE ASSEMBLY	1	35	159
	8-20397-2317	• TUBE ASSEMBLY	1	160	
- 38	8-20397-1475	• TUBE ASSEMBLY	1	35	159
	8-20397-2331	• TUBE ASSEMBLY	1	160	
- 39	8-20397-350	• TUBE ASSY, LH	1	35	159
	8-20397-2319	• TUBE ASSY, LH	1	160	
	8-20397-198	• TUBE ASSY, RH	1	35	159
	8-20397-2315	• TUBE ASSY, RH	1	160	
- 40	8-20397-562	• TUBE ASSY, LH	1	35	159
	8-20397-2327	• TUBE ASSY, LH	1	160	
	8-20397-1779	• TUBE ASSY, RH	1	35	159
	8-20397-2353	• TUBE ASSY, RH	1	160	
	AN924-4D	• NUT	1	35	
- 41	MS2190804	• ELBOW	1	35	
	MS29512-4	• GASKET	1	35	
- 42		• VALVE ASSY, SHUTOFF STA 542 SEE FIG. 2.12-19 INDEX 1	RF		
- 43	8-20397-570	• TUBE ASSY, LH	1	35	159
	8-20397-2329	• TUBE ASSY, LH	1	160	
	8-20397-1777	• TUBE ASSY, RH	1	35	159
	8-20397-2351	• TUBE ASSY, RH	1	160	
- 44		• UNION, SPAR #6 BL 80 SEE FIG. 2.12-66	RF		
- 45		• TUBE ASSY, LH SEE FIG. 2.12-18	RF		
- 46		• UNION, SPAR #4 BL 68 SEE FIG. 2.12-66	RF		
- 47	8-20397-127	• TUBE ASSEMBLY	1	35	159
	8-20397-2307	• TUBE ASSEMBLY	1	160	
- 48	MS2190204	• UNION	1	35	
- 49	8-20397-129	• TUBE ASSY, LH	1	35	159
	8-20397-2309	• TUBE ASSY, LH	1	160	
	8-20397-1771	• TUBE ASSY, RH	1	35	159
	8-20397-2345	• TUBE ASSY, RH	1	160	
	AN924-4D	• NUT	1	35	
	AN9600716	• WASHER	1	35	
- 50	MS2190304	• UNION	1	35	
- 51	8-20397-150	• TUBE ASSY, LH	1	35	159
	8-20397-2313	• TUBE ASSY, LH	1	160	
	8-20397-1773	• TUBE ASSY, RH	1	35	159
	8-20397-2347	• TUBE ASSY, RH	1	160	
- 52		• UNION, STA 532 AND 542 BL 92 SEE FIG. 2.12-66 INDEX 19	RF		
- 53		• TUBE ASSY, LH SEE FIG. 2.12-19 INDEX 68	RF		
- 54		• UNION, SPAR #6 BL 143 SEE FIG. 2.12-66	RF		
- 55	8-20397-2363	• TUBE ASSY, LH	1	160	
	8-20397-2365	• TUBE ASSY, RH	1	160	
- 56		• FITTINGS, TRANSFER TANK PRESSURE SENSING STA 534 SEE FIG. 2.12-55 INDEX 21	RF		

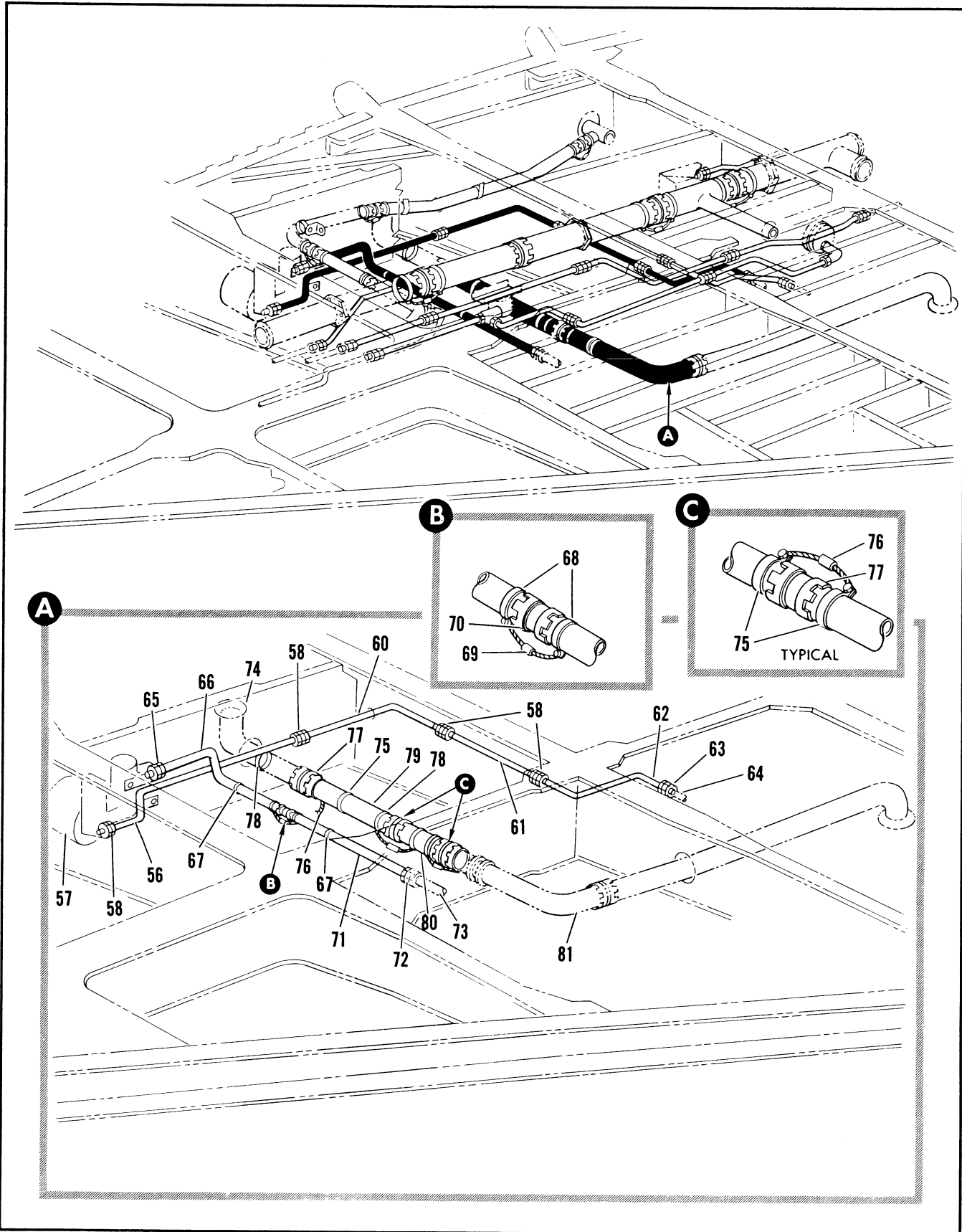


Figure 2.12-20. Wing Tank #3 Fuel Control Tubing Installation (Sheet 3 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-20- 57		• VALVE ASSY, TANK #3 VENT RELIEF SEE FIG. 2.12-1 INDEX 73	RF		
- 58	MS2190204	• UNION	4	35	
	MS29512-4	• GASKET	1	35	
- 59	8-20397-1683	• TUBE ASSY, LH	1	35	159
	8-20397-2341	• TUBE ASSY, LH	1	160	
	8-20397-1796	• TUBE ASSY, RH	1	35	159
	8-20397-2343	• TUBE ASSY, RH	1	160	
- 60	8-21847-9	• TUBE ASSEMBLY	1	35	
	8-21847-10	• TUBE ASSEMBLY	1	35	
- 61	8-21847-7	• TUBE ASSEMBLY	1	35	
- 62	8-20397-148	• TUBE ASSY, LH	1	35	159
	8-20397-2311	• TUBE ASSY, LH	1	160	
	8-20397-1785	• TUBE ASSY, RH	1	35	159
	8-20397-2359	• TUBE ASSY, RH	1	160	
- 63		• UNION, STA 532 AND 542 BL 92 SEE FIG. 2.12-66	RF		
- 64		• TUBE ASSY, LH SEE FIG. 2.12-19 INDEX 64	RF		
- 65	MS21916016-12	• REDUCER	1	35	
	MS29512-16	• GASKET	1	35	
- 66	8-20397-399	• TUBE ASSY, LH	1	35	
	8-20397-421	• TUBE ASSY, RH	1	35	
- 67	91-98026-015	• CLAMP	2	35	
- 68	AN735016	• CLAMP	2	35	
		ATTACHING PARTS			
	NAS679A3	• NUT	2	35	
	AN960010L	• WASHER	2	35	
	AN526-1032R6	• SCREW	2	35	
		-----X-----			
- 69	MS25083-1BB3	• JUMPER	1	35	
- 70	3605-160	• COUPLING, <79326> 92-72500-001	1	35	
	MS29513-214	• PACKING	1	35	
	8-20397-409	• TUBE ASSEMBLY	1	35	
- 71		• UNION, STA 492 BL 92 SEE FIG. 2.12-66	RF		
- 72		• TUBE ASSY, SEE FIG. 2.12-19 INDEX 30	RF		
- 73		• BELLMOUTH ASSY, TANK #3 SEE FIG. 2.12-16 INDEX 110	RF		
- 74					
- 75	AN735040	• CLAMP	5	35	
		ATTACHING PARTS			
	NAS679A3	• NUT	5	35	
	AN960010L	• WASHER	5	35	
	AN526-1032R6	• SCREW	5	35	
		-----X-----			
- 76	MS25083-1BB4	• JUMPER	3	35	
- 77	3605-400	• COUPLING, <79326> 92-72500-004	3	35	
	MS29513-333	• PACKING	3	35	
- 78	91-98026-038	• CLAMP	3	35	
- 79	8-20397-81	• TUBE ASSEMBLY	1	35	
- 80	8-20397-83	• TUBE ASSEMBLY	1	35	
- 81		• TUBE ASSY, LH SEE FIG. 2.12-14 INDEX 114	RF		

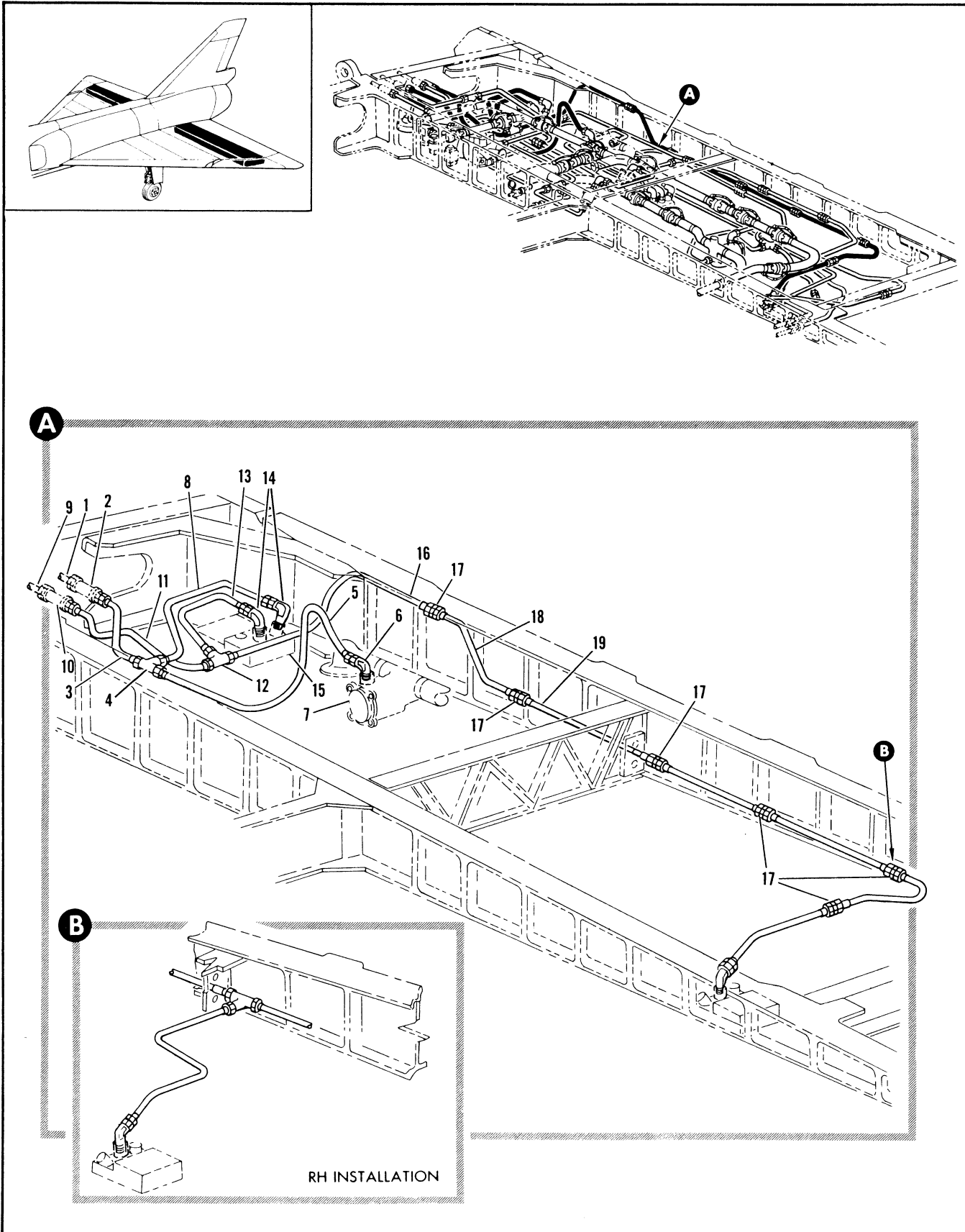


Figure 2.12-21. Wing Transfer Tank Fuel Control Tubing Installation (Sheet 1 of 10)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-21	8-20397-837	TUBING INSTALLATION, WING TRANSFER TANK FUEL CONTROL LH FOR NHA SEE FIG. 2.6-32	RF	35	159
	8-20397-855	TUBING INSTALLATION, WING TRANSFER TANK FUEL CONTROL FOR NHA SEE FIG. 2.6-32	RF	B	
	8-20397-839	TUBING INSTALLATION, WING TRANSFER TANK FUEL CONTROL RH FOR NHA SEE FIG. 2.6-32	RF	35	159
	8-20397-857	TUBING INSTALLATION, WING TRANSFER TANK FUEL CONTROL FOR NHA SEE FIG. 2.6-32	RF	B	
- 1		• TUBE ASSY. SEE FIG. 2.12-46 INDEX 170	RF		
- 2		• FITTING, TRANSFER AMBIENT TANK PRESSURE SENSING SEE FIG. 2.12-35 INDEX 7	RF		
- 3	8-20397-467	• TUBE ASSY, LOW LEVEL PILOT VALVE PRESSURE	1	35	159
	8-20397-2201	• TUBE ASSEMBLY	1	B	
- 4	MS21905D6	• TEE	1	35	159
- 5	8-20397-1161	• TUBE ASSY, LH	1	35	159
	8-20397-2555	• TUBE ASSY, LH	1	B	
	8-20397-1163	• TUBE ASSY, RH	1	35	159
	8-20397-2557	• TUBE ASSY, RH	1	B	
	AN924-6D	• NUT	1	A	
- 6	MS21908D6	• ELBOW	1	A	
	MS29512-6	• GASKET	1	A	
- 7		• VALVE ASSY, TRANSFER TANK INRD SHUTOFF SEE FIG. 2.12-30 INDEX 4	RF		
- 8	8-20397-1079	• TUBE ASSY, LH	1	35	159
	8-20397-2539	• TUBE ASSY, LH	1	B	
	8-20397-1839	• TUBE ASSY, RH	1	35	159
	8-20397-2171	• TUBE ASSY, RH	1	B	
- 9		• TUBE ASSY, LH SEE FIG. 2.12-46 INDEX 48	RF		
		• TUBE ASSY, RH SEE FIG. 2.12-32 INDEX 88	RF		
- 10		• FITTING, TRANSFER AMBIENT TANK PRESSURE SENSING SEE FIG. 2.12-35 INDEX 7	RF		
- 11	8-20397-473	• TUBE ASSY, LOW LEVEL PILOT VALVE PRESSURE	1	35	159
	8-20397-2483	• TUBE ASSY, LH	1	B	
	8-20397-503	• TUBE ASSY, LOW LEVEL PILOT VALVE PRESSURE	1	35	159
	8-20397-2485	• TUBE ASSY, RH	1	B	
- 12	MS21905D6	• TEE	1	A	
- 13	8-20397-1081	• TUBE ASSY, LH	1	A	
	8-20397-2541	• TUBE ASSY, LH	1	B	
	8-20397-1841	• TUBE ASSY, RH	1	35	159
	8-20397-2173	• TUBE ASSY, RH	1	B	
	AN924-6D	• NUT	2	A	
- 14	MS21908D6	• ELBOW	2	A	
	MS29512-6	• GASKET	2	A	
- 15		• VALVE ASSY, FUEL TRANSFER PILOT SEE FIG. 2.12-28 INDEX 6	RF		
- 16	8-20397-1085	• TUBE ASSEMBLY	1	35	159
	8-20397-2211	• TUBE ASSEMBLY	1	B	
- 17	MS21902D6	• UNION	6	A	
- 18	8-20397-1083	• TUBE ASSEMBLY	1	35	159
	8-20397-2209	• TUBE ASSEMBLY	1	B	

A AIRPLANES #35 THRU 188, 279 AND ON
 B AIRPLANES #160 THRU 188, 278 AND ON

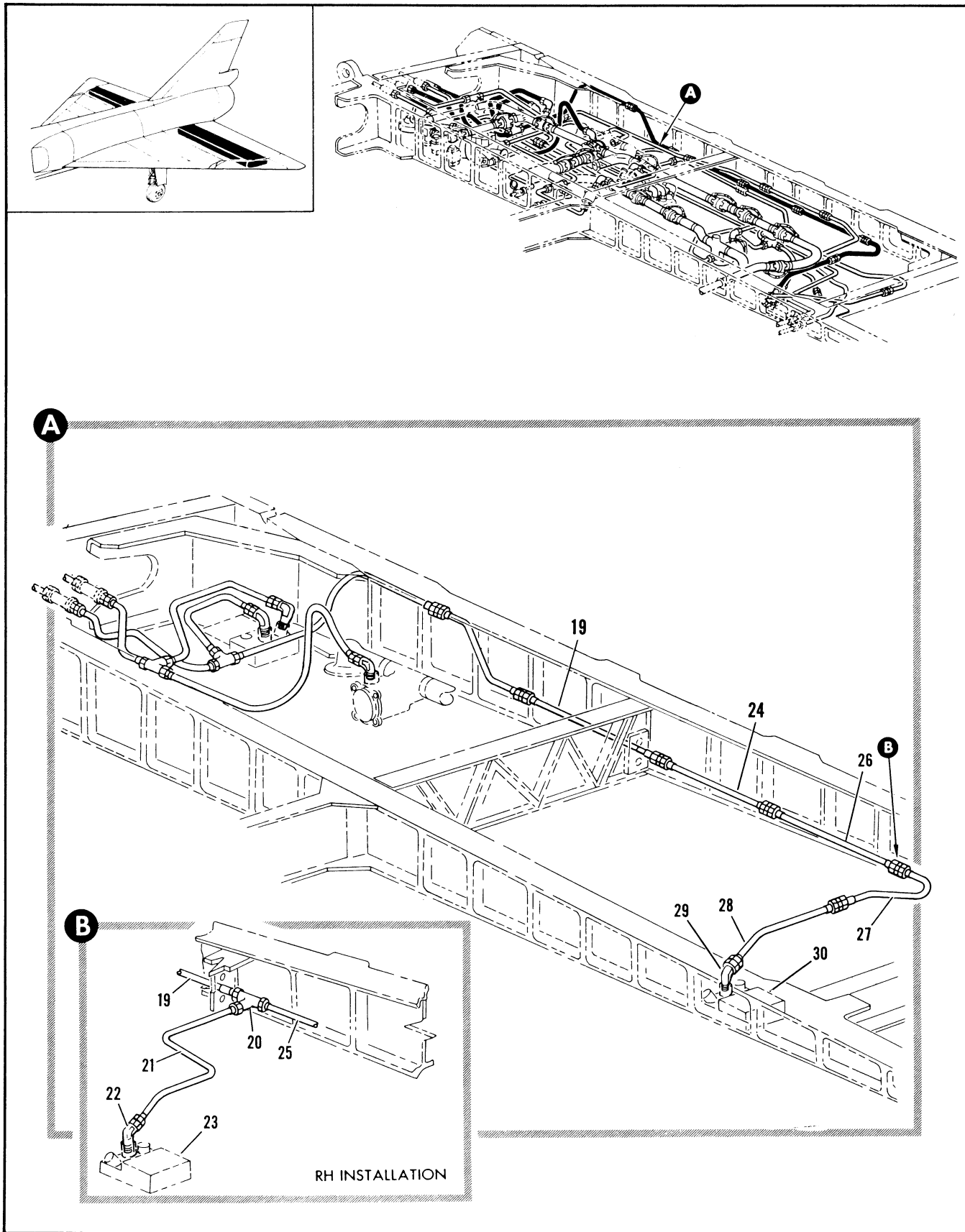


Figure 2.12-21. Wing Transfer Tank Fuel Control Tubing Installation (Sheet 2 of 10)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-21- 19	8-20397-179	• TUBE ASSEMBLY	1	35	159
- 20	8-20397-2191	• TUBE ASSEMBLY	1	B	
- 21	MS21905D6	• TEE, RH	1	A	
	8-20397-1817	• TUBE ASSY, RH	1	35	60
	8-20397-1927	• TUBE ASSY, RH	1	61	159
	8-20397-2187	• TUBE ASSY, RH	1	B	
	AN924-6D	• NUT, RH	1	A	
- 22	MS21908D6	• ELBOW, RH	1	A	
- 23	MS29512-6	• GASKET, RH	1	A	
		• VALVE ASSY, FUEL TRANSFER PILOT RH SEE FIG. 2.12-34 INDEX 11	RF		
- 24	8-20397-183	• TUBE ASSY, LH	1	35	159
	8-20397-2465	• TUBE ASSY, LH	1	B	
- 25	8-20397-644	• TUBE ASSY, RH	1	35	159
	8-20397-2497	• TUBE ASSY, RH	1	B	
- 26	8-20397-185	• TUBE ASSEMBLY	1	35	159
	8-20397-2193	• TUBE ASSEMBLY	1	B	
- 27	8-20397-1667	• TUBE ASSY, LH	1	35	159
	8-20397-2153	• TUBE ASSY, LH	1	B	
	8-20397-1811	• TUBE ASSY, RH	1	35	159
	8-20397-2585	• TUBE ASSY, RH	1	B	
- 28	8-20397-1377	• TUBE ASSY, LH	1	35	159
	8-20397-2537	• TUBE ASSY, LH	1	B	
	8-20397-1799	• TUBE ASSY, RH	1	35	159
	8-20397-2461	• TUBE ASSY, RH	1	B	
- 29	AN924-6D	• NUT	1	A	
	MS21908D6	• ELBOW	1	A	
- 30	MS29512-6	• GASKET	1	A	
		• VALVE ASSY, FUEL TRANSFER PILOT SEE FIG. 2.12-29 INDEX 8	RF		
		A AIRPLANES #35 THRU 188, 278 AND ON			
		R AIRPLANES #160 THRU 188, 278 AND ON			

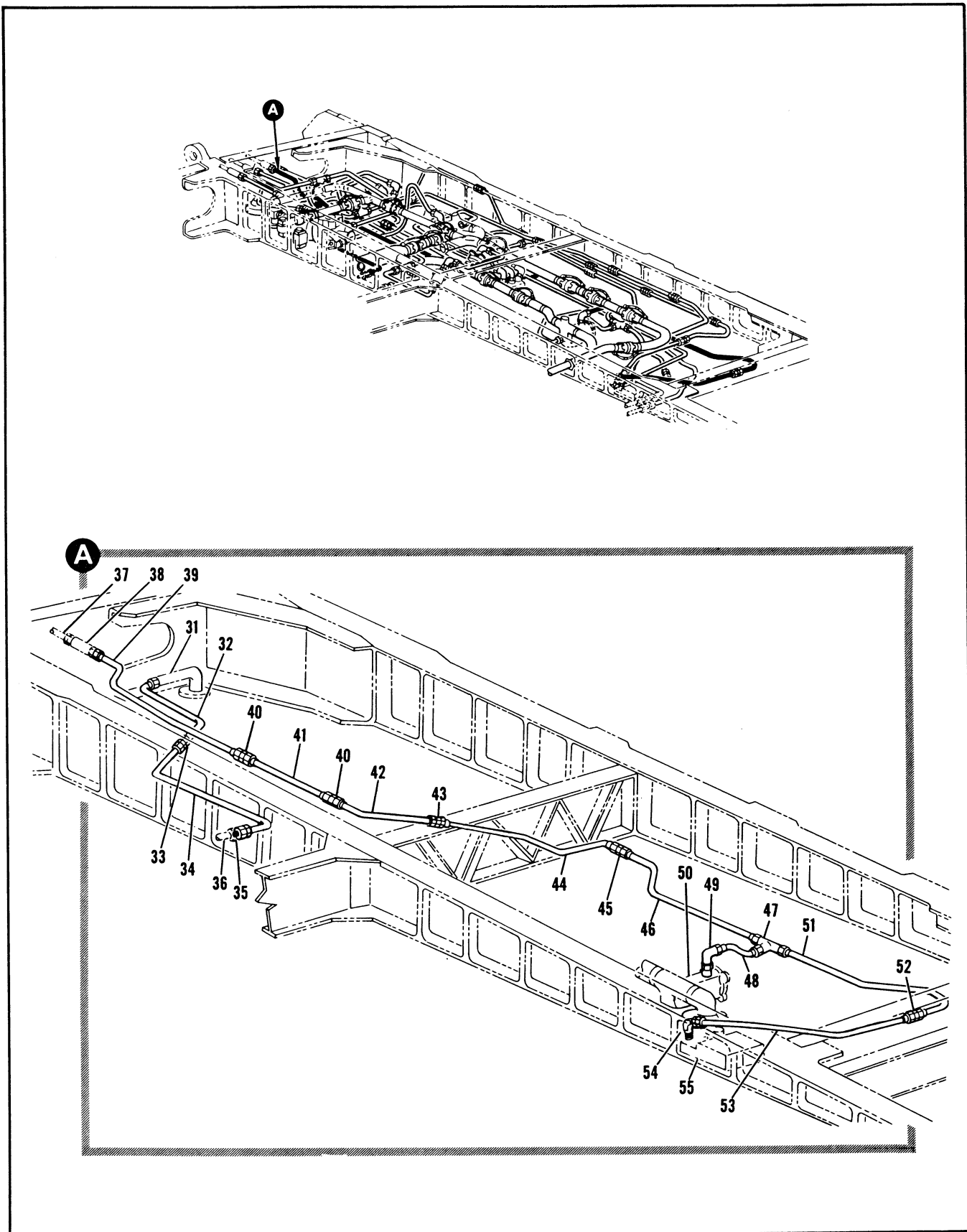


Figure 2.12-21. Wing Transfer Tank Fuel Control Tubing Installation (Sheet 3 of 10)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-21- 31		• BELLMOUTH ASSY, TRANSFER TANK FUEL SCAVENGE SEE FIG. 2.12-1 INDEX 110	RF		
- 32	8-20397-494	• TUBE ASSY, LH	1	35	159
	8-20397-2611	• TUBE ASSY, LH	1	B	
	8-20397-628	• TUBE ASSY, RH	1	35	159
	8-20397-2613	• TUBE ASSY, RH	1	B	
- 33	MS21902D8	• UNION	1	A	
- 34	8-20397-492	• TUBE ASSY, LH	1	35	159
	8-20397-2609	• TUBE ASSY, LH	1	B	
	8-20397-646	• TUBE ASSY, RH	1	35	159
	8-20397-2607	• TUBE ASSY, RH	1	B	
- 35		• UNION, SPAR #6 BL 66 SEE FIG. 2.12-66	RF		
- 36		• TUBE ASSY, SEE FIG. 2.12-22	RF		
- 37		• TUBE ASSY, LH SEE FIG. 2.12-48 INDEX 168	RF		
- 38		• FITTING, TRANSFER AMBIENT TANK PRESSURE SENSING SEE FIG. 2.12-35 INDEX 7	RF		
- 39	8-20397-471	• TUBE ASSEMBLY	1	35	159
	8-20397-2203	• TUBE ASSEMBLY	1	B	
- 40	MS21902D6	• UNION	2	A	
- 41	8-20397-526	• TUBE ASSEMBLY	1	35	159
	8-20397-2205	• TUBE ASSEMBLY	1	B	
- 42	8-20397-608	• TUBE ASSY, LH	1	35	159
	8-20397-2493	• TUBE ASSY, LH	1	B	
	8-20397-1019	• TUBE ASSY, RH	1	35	159
	8-20397-2517	• TUBE ASSY, RH	1	B	
- 43	MS21902D6	• UNION	1	A	
- 44	8-20397-606	• TUBE ASSY, LH	1	35	159
	8-20397-2491	• TUBE ASSY, LH	1	B	
	8-20397-1851	• TUBE ASSY, RH	1	35	159
	8-20397-2183	• TUBE ASSY, RH	1	B	
- 45	MS21902D6	• UNION	1	A	
- 46	8-20397-604	• TUBE ASSY, LH	1	35	159
	8-20397-2489	• TUBE ASSY, LH	1	B	
	8-20397-1021	• TUBE ASSY, RH	1	35	159
	8-20397-2519	• TUBE ASSY, RH	1	B	
- 47	MS21095D6	• TEE	1	A	
- 48	8-20397-1027	• TUBE ASSY, LH	1	35	159
	8-20397-2467	• TUBE ASSY, LH	1	B	
	8-20397-1809	• TUBE ASSY, RH	1	35	159
	8-20397-2583	• TUBE ASSY, RH	1	B	
	AN924-6D	• NUT	1	A	
- 49	MS21908D6	• ELBOW	1	A	
	MS29512-6	• GASKET	1	A	
- 50		• VALVE ASSY, TRANSFER TANK OUTBD SHUTOFF SEE FIG. 2.12-27 INDEX 6	RF		
- 51	8-20397-1071	• TUBE ASSY, LH	1	35	159
	8-20397-2531	• TUBE ASSY, LH	1	B	
	8-20397-1801	• TUBE ASSY, RH	1	35	159
	8-20397-2577	• TUBE ASSY, RH	1	B	
- 52	MS21902D6	• UNION	1	A	
- 53	8-20397-1073	• TUBE ASSY, LH	1	35	159
	8-20397-2533	• TUBE ASSY, LH	1	B	
	8-20397-1795	• TUBE ASSY, RH	1	35	159
	8-20397-2457	• TUBE ASSY, RH	1	B	
	AN924-6D	• NUT	1	A	
- 54	MS21908D6	• ELBOW	1	A	
	MS29512-6	• GASKET	1	A	
- 55		• VALVE ASSY, FUEL TRANSFER PILOT SEE FIG. 2.12-29 INDEX 8	RF		

A AIRPLANES #35 THRU 188, 278 AND ON
B AIRPLANES #160 THRU 188, 278 AND ON

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
				1	2 3 4 5 6
2.12-21- 56		• TUBE ASSY, SEE FIG. 2.12-46 INDEX 135	RF		
- 57		• TUBE ASSY, SEE FIG. 2.12-32 INDEX 79	RF		
- 58	8-20397-616	• FITTING, TRANSFER AMBIENT TANK PRESSURE SENSING SEE FIG. 2.12-35 INDEX 7	RF		
- 59	8-20397-2495	• TUBE ASSY, VENT VALVE PRESSURE LH	1	35	159
- 60	8-20397-1023	• TUBE ASSY, LH	1	B	
- 61	8-20397-2521	• TUBE ASSY, VENT VALVE PRESSURE RH	1	35	159
- 62	MS21902D6	• TUBE ASSY, RH	1	B	
- 63	8-20397-1025	• UNION, RH	1	35	159
- 64	8-20397-2523	• TUBE ASSY, RH	1	35	159
- 65	MS21902D6	• UNION, RH	1	B	
- 66	MS29512-6	• GASKET	1	A	
- 67	MS29512-4	• VALVE ASSY, TRANSFER TANK VENT SEE FIG. 2.12-25 INDEX 1	RF		
- 68	8-20397-1661	• UNION	1	A	
- 69	8-20397-2151	• GASKET	1	A	
- 70	8-20397-1485	• TUBE ASSY, LH	1	35	159
- 71	8-20397-2561	• TUBE ASSY, LH	1	B	
- 72	MS21902D4	• TUBE ASSY, RH	1	35	159
- 73	8-20397-1659	• TUBE ASSY, RH	1	B	
- 74	8-20397-2140	• UNION	1	A	
- 75	8-20397-1483	• TUBE ASSY, LH	1	35	159
- 76	8-20397-2559	• TUBE ASSY, LH	1	B	
- 77	MS21916D6-4	• TUBE ASSY, RH	1	35	159
- 78	8-20397-1671	• REDUCER	1	A	
- 79	8-20397-2155	• TUBE ASSY, LH	1	35	159
- 80	8-20397-1013	• TUBE ASSY, LH	1	B	
- 81	8-20397-2515	• TUBE ASSY, RH	1	35	159
- 82	MS21902D6	• TUBE ASSY, RH	1	B	
- 83	8-20397-164	• UNION	3	A	
- 84	8-20397-2189	• TUBE ASSEMBLY	1	35	159
- 85	8-20397-1677	• TUBE ASSEMBLY	1	B	
- 86	8-20397-2159	• TUBE ASSY, LH	1	35	159
- 87	8-20397-1813	• TUBE ASSY, LH	1	B	
- 88	8-20397-2587	• TUBE ASSY, RH	1	35	159
- 89	8-20397-168	• TUBE ASSY, RH	1	B	
- 90	8-20397-168	• TUBE ASSY, LH	1	35	159
- 91	8-20397-2463	• TUBE ASSY, LH	1	B	
- 92	8-20397-1803	• TUBE ASSY, RH	1	35	159
- 93	8-20397-2579	• TUBE ASSY, RH	1	B	
- 94		• UNION, SPAR #6 BL 143 SEE FIG. 2.12-66	RF		
- 95		• TUBE ASSY, SEE FIG. 2.12-19 INDEX 25	RF		
- 96		• TUBE ASSY, SEE FIG. 2.12-46 INDEX 131	RF		
- 97		• FITTING, LH SEE FIG. 2.12-35 INDEX 24	RF		
- 98	8-20397-664	• TUBE ASSY, EMERGENCY PILOT VALVE PRESS LH	1	35	159
- 99	8-20397-2503	• TUBE ASSY, EMERGENCY PILOT VALVE PRESS LH	1	B	
- 100	MS21902D6	• UNION, LH	2	A	
- 101	8-20397-684	• TUBE ASSY, LH	1	35	159
- 102	8-20397-2505	• TUBE ASSY, LH	1	B	

A AIRPLANES #35 THRU 188, 278 AND ON
 B AIRPLANES #160 THRU 188, 278 AND ON

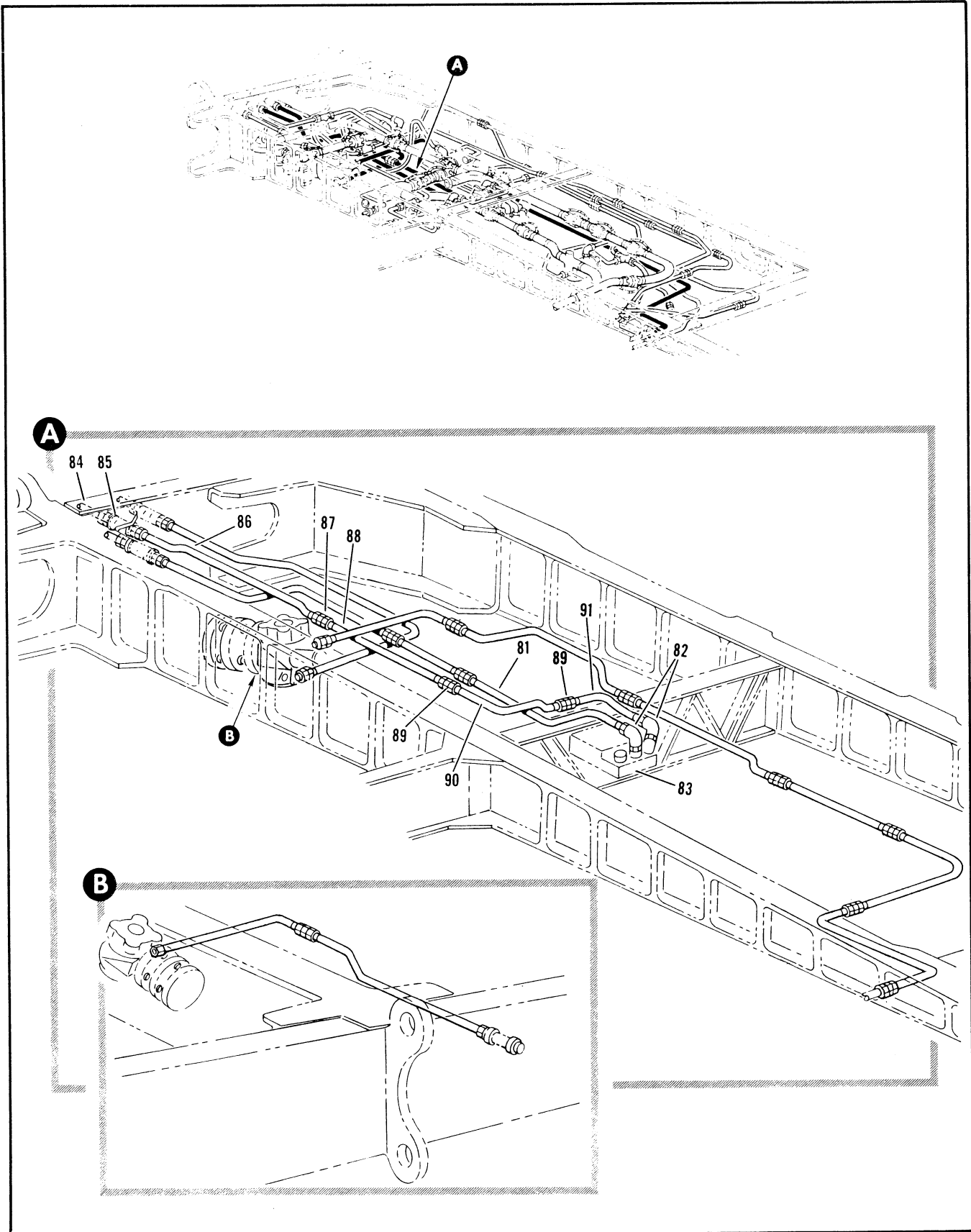


Figure 2.12-21. Wing Transfer Tank Fuel Control Tubing Installation (Sheet 5 of 10)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-21- 81	8-20397-1655	• TUBE ASSY, LH	1	35	159
	8-20397-2145	• TUBE ASSY, LH	1	B	
- 82	AN924-4D	• NUT	2	A	
	MS21908D4	• ELBOW	2	A	
- 83	MS29512-4	• GASKET	2	A	
		• VALVE ASSY, FUEL TRANSFER PILOT SEE FIG. 2.12-34 INDEX 11	RF		
- 84		• TUBE ASSY, LH SEE FIG. 2.12-46 INDEX 135	RF		
- 85		• FITTING, SEE FIG. 2.12-35 INDEX 23	RF		
- 86	8-20397-1637	• TUBE ASSY, LH	1	35	159
	8-20397-2563	• TUBE ASSY, LH	1	B	
- 87	8-20397-1845	• TUBE ASSY, RH	1	35	159
	8-20397-2177	• TUBE ASSY, RH	1	B	
- 88	MS21902D6	• UNION	1	A	
	8-20397-476	• TUBE ASSY, LH	1	35	159
- 89	8-20397-2605	• TUBE ASSY, LH	1	B	
	8-20397-468	• TUBE ASSY, RH	1	35	159
- 90	8-20397-2481	• TUBE ASSY, RH	1	B	
	MS21902D6	• UNION	2	A	
- 91	8-20397-1035	• TUBE ASSY, LH	1	35	159
	8-20397-2527	• TUBE ASSY, LH	1	B	
- 91	8-20397-1823	• TUBE ASSY, RH	1	35	159
	8-20397-2595	• TUBE ASSY, RH	1	B	
- 91	8-20397-1657	• TUBE ASSY, LH	1	35	159
	8-20397-2147	• TUBE ASSY, LH	1	B	
- 91	8-20397-1821	• TUBE ASSY, RH	1	35	159
	8-20397-2593	• TUBE ASSY, RH	1	B	

A AIRPLANES #35 THRU 188, 278 AND ON
 B AIRPLANES #160 THRU 188, 278 AND ON

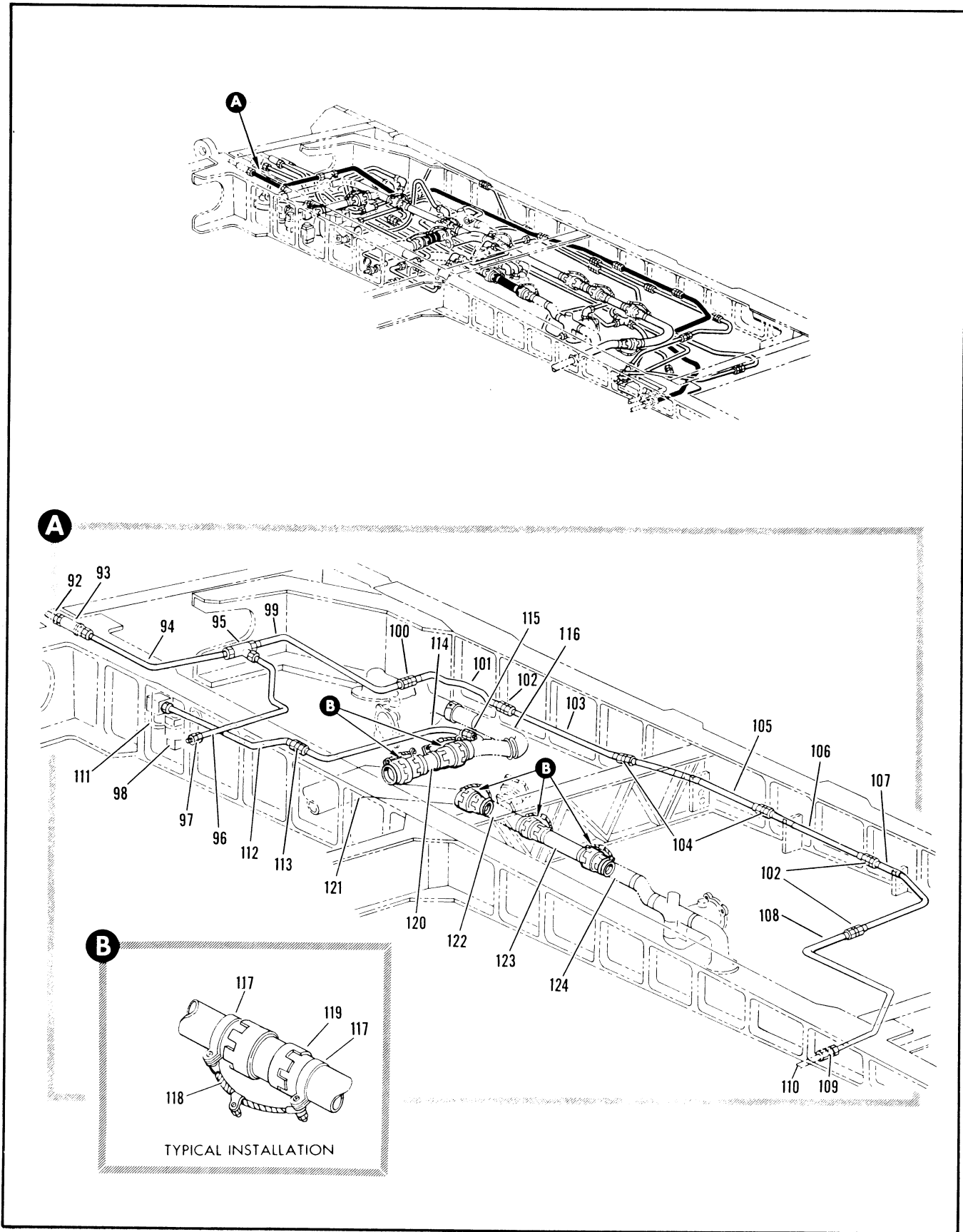


Figure 2.12-21. Wing Transfer Tank Fuel Control Tubing Installation (Sheet 6 of 10)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-21- 92		• TUBE ASSEMBLY SEE FIG. 2.12-46 INDEX 145	RF		
- 93		• FITTING, SEE FIG. 2.12-35 INDEX 5	RF		
- 94	8-20397-1651	• TUBE ASSY, TRANSFER TANK AMBIENT SENSING LH	1	35	159
	8-20397-2141	• TUBE ASSY, TRANSFER TANK AMBIENT SENSING LH	1	B	
	8-20397-1849	• TUBE ASSY, TRANSFER TANK AMBIENT SENSING RH	1	35	159
	8-20397-2181	• TUBE ASSY, TRANSFER TANK AMBIENT SENSING RH	1	B	
- 95	MS21905D4	• TEE	1	A	
- 96	8-20397-1649	• TUBE ASSY, LH	1	35	159
	8-20397-2575	• TUBE ASSY, LH	1	B	
	8-20397-1847	• TUBE ASSY, RH	1	35	159
	8-20397-2179	• TUBE ASSY, RH	1	B	
- 97	MS21902D4	• UNION	1	A	
	MS29512-4	• GASKET	1	A	
- 98		• VALVE ASSY, SEE FIG. 2.12-1 INDEX 94	RF		
- 99	8-20397-1673	• TUBE ASSY, LH	1	35	159
	8-20397-2157	• TUBE ASSY, LH	1	B	
	8-20397-1833	• TUBE ASSY, RH	1	35	159
	8-20397-2165	• TUBE ASSY, RH	1	B	
-100	MS21902D4	• UNION	1	A	
-101	8-20397-1675	• TUBE ASSEMBLY	1	35	159
	8-20397-2453	• TUBE ASSEMBLY	1	B	
-102	MS21902D4	• UNION	1	A	
-103	8-20397-162	• TUBE ASSY, LH	1	35	159
	8-20397-2219	• TUBE ASSY, LH	1	B	
	8-20397-196	• TUBE ASSY, RH	1	35	159
	8-20397-2469	• TUBE ASSY, RH	1	B	
-104	MS21902D4	• UNION	4	A	
-105	8-20397-249	• TUBE ASSY, LH	1	A	
	8-20397-2471	• TUBE ASSY, LH	1	B	
	8-20397-323	• TUBE ASSY, RH	1	35	159
	8-20397-2473	• TUBE ASSY, LH	1	B	
-106	8-20397-251	• TUBE ASSEMBLY	1	35	159
	8-20397-2195	• TUBE ASSEMBLY	1	R	
-107	8-20397-1669	• TUBE ASSEMBLY	1	35	159
	8-20397-2217	• TUBE ASSEMBLY	1	B	
-108	8-20397-432	• TUBE ASSEMBLY	1	35	159
	8-20397-2197	• TUBE ASSEMBLY	1	B	
-109		• UNION, SPAR #6 BL 142 SEE FIG. 2.12-66	RF		
-110		• TUBE ASSY, SEE FIG 2.12-19 INDEX 11	RF		
-111		• FLANGE, DRAIN SEE FIG. 2.6-37 INDEX 1	RF		
-112	8-20397-654	• TUBE ASSY, LH	1	35	159
	8-20397-2501	• TUBE ASSY, LH	1	B	
	8-20397-648	• TUBE ASSY, RH	1	35	159
	8-20397-2499	• TUBE ASSY, RH	1	B	
-113	MS21902D4	• UNION	1	A	
-114	8-20397-518	• TUBE ASSY, LH	1	35	159
	8-20397-2487	• TUBE ASSY, LH	1	B	
	8-20397-1825	• TUBE ASSY, RH	1	35	159
	8-20397-2597	• TUBE ASSY, RH	1	B	
-115	MS21916D8-4	• REDUCER	1	A	
	MS29512-8	• GASKET	1	A	
-116		• TUBE ASSY, LH SEE FIG. 2.12-30 INDEX 10	RF		
-117	AN735D40	• CLAMP	10	A	
	NAS679A3	• NUT	10	A	
	AN960010L	• WASHER	10	A	
	AN526-1C32R6	• SCREW	10	A	
-118	MS25983-1BB4	• JUMPER	5	A	
-119	3605-4GD	• COUPLING, <79326> 92-72500-304	5	A	
	MS29513-333	• PACKING	5	A	
-120	8-20397-204	• TUBE ASSEMBLY	1	35	188
	8-20397-2927	• TUBE ASSEMBLY	1	278	
-121		• TUBE ASSY, LH SEE FIG. 2.12-14 INDEX 73	RF		
-122		• TUBE ASSY, SEE FIG. 2.12-2 INDEX 14	RF		
-123	8-20397-171	• TUBE ASSEMBLY	1	35	188
	8-20397-2923	• TUBE ASSEMBLY	1	278	
-124		• TUBE ASSY, SEE FIG. 2.12-27 INDEX 19	RF		

A AIRPLANES #35 THRU 188, 278 AND ON
 B AIRPLANES #160 THRU 188, 278 AND ON

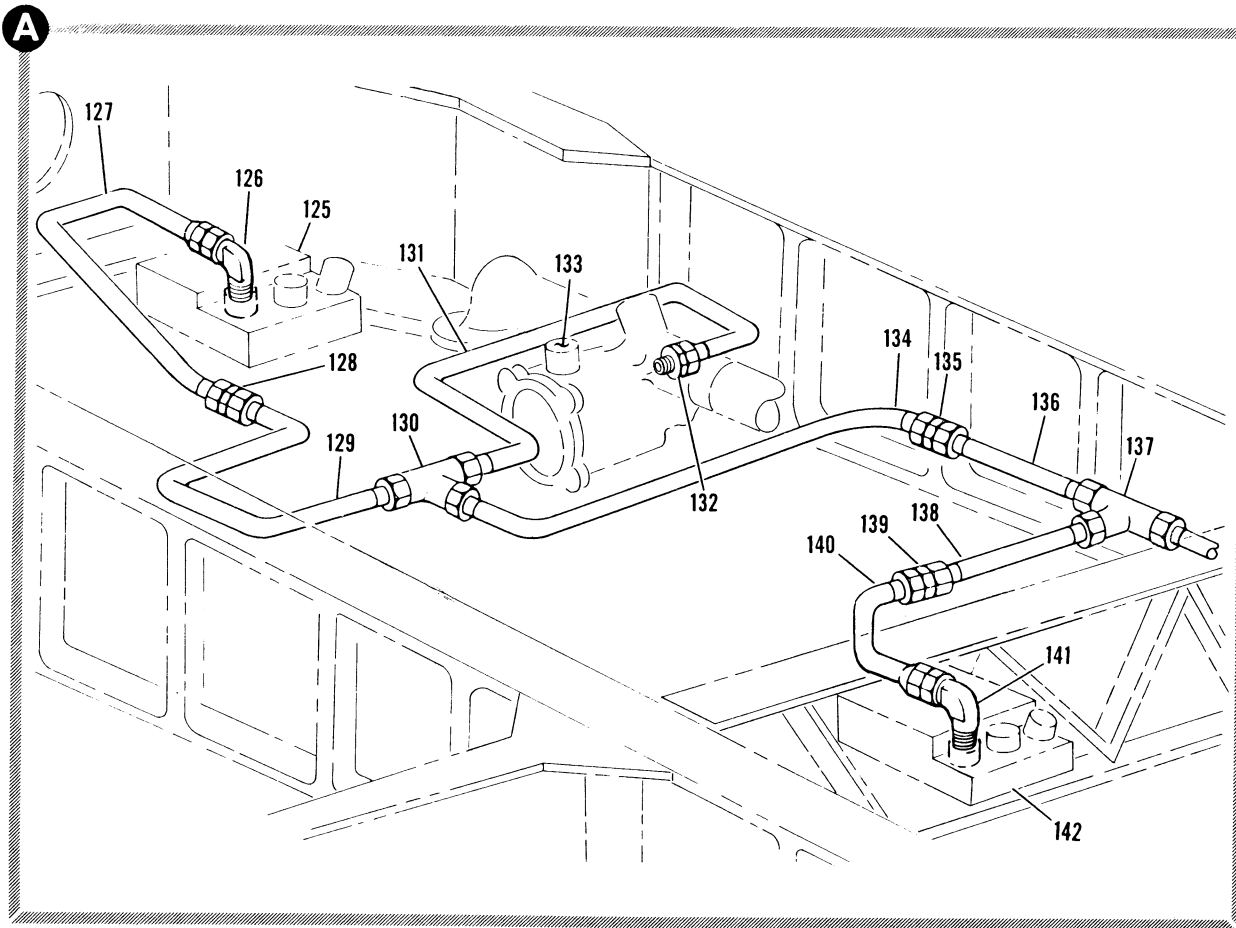
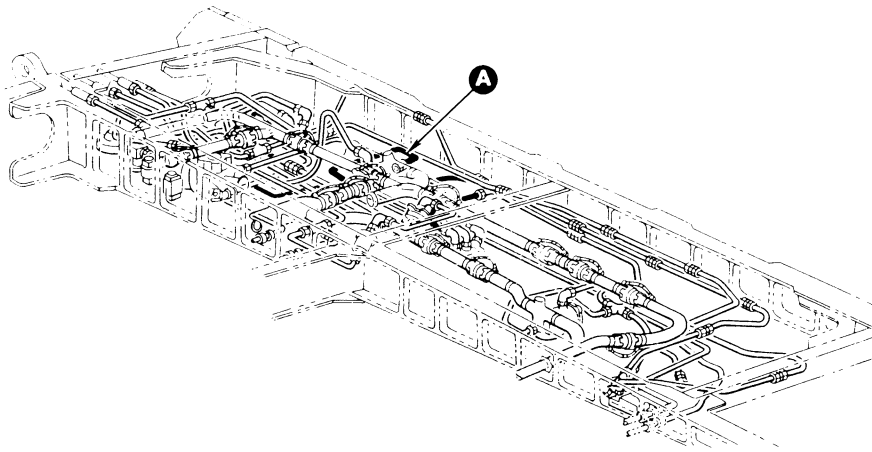


Figure 2.12-21. Wing Transfer Tank Fuel Control Tubing Installation (Sheet 7 of 10)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-21-125		1 2 3 4 5 6 • VALVE ASSY, FUEL TRANSFER PILOT SEE FIG. 2.12-29 INDEX 8	RF		
-126	AN924-4D	• NUT	1	A	
	MS21908D4	• ELBOW	1	A	
	MS29512-4	• GASKET	1	A	
-127	8-20397-764	• TUBE ASSY, LH	1	35	159
	8-20397-2511	• TUBE ASSY, LH	1	B	
	8-20397-1831	• TUBE ASSY, RH	1	35	159
	8-20397-2163	• TUBE ASSY, RH	1	B	
-128	MS21916D6-4	• REDUCER	1	A	
-129	8-20397-768	• TUBE ASSY, LH	1	35	159
	8-20397-2513	• TUBE ASSY, LH	1	B	
	8-20397-1835	• TUBE ASSY, RH	1	35	159
	8-20397-2167	• TUBE ASSY, RH	1	B	
-130	MS21905D6	• TEE	1	A	
-131	8-20397-760	• TUBE ASSY, LH	1	35	159
	8-20397-2507	• TUBE ASSY, LH	1	B	
	8-20397-1827	• TUBE ASSY, RH	1	35	159
	8-20397-2599	• TUBE ASSY, RH	1	B	
-132	MS21902D6	• UNION	1	A	
	MS29512-6	• GASKET	1	A	
-133		• VALVE ASSY, TRANSFER TANK INBD SHUTOFF SEE FIG. 2.12-30 INDEX 4	RF		
-134	8-20397-762	• TUBE ASSY, LH	1	35	159
	8-20397-2509	• TUBE ASSY, LH	1	B	
	8-20397-1829	• TUBE ASSY, RH	1	35	159
	8-20397-2161	• TUBE ASSY, RH	1	B	
-135	MS21902D6	• UNION	1	A	
-136	8-20397-766	• TUBE ASSEMBLY	1	35	159
	8-20397-2207	• TUBE ASSEMBLY	1	B	
-137	MS21905D6	• TEE, LH	1	A	
-138	ER824D060604	• TEE, RH <92003> 98-90319-008	1	35	159
	8-20397-1027	• TUBE ASSY, LH	1	B	
	8-20397-2525	• TUBE ASSY, LH	1	35	159
	8-20397-1837	• TUBE ASSY, RH	1	B	
	8-20397-2169	• TUBE ASSY, RH	1	A	
-139	MS21916D6-4	• REDUCER, LH	1	35	159
-140	8-20397-1653	• TUBE ASSY, LH	1	B	
	8-20397-2143	• TUBE ASSY, LH	1	A	
	AN924-4D	• NUT, RH	1	A	
	AN924-6	• NUT, LH	1	A	
-141	MS21908D4	• ELBOW, RH	1	A	
	MS21908D6	• ELBOW, LH	1	A	
	MS29512-4	• GASKET, RH	1	A	
	MS29512-6	• GASKET, LH	1	A	
-142		• VALVE ASSY, FUEL TRANSFER PILOT SEE FIG. 2.12-34 INDEX 11	RF		

A AIRPLANES #35 THRU 188, 278 AND ON
B AIRPLANES #160 THRU 188, 278 AND ON

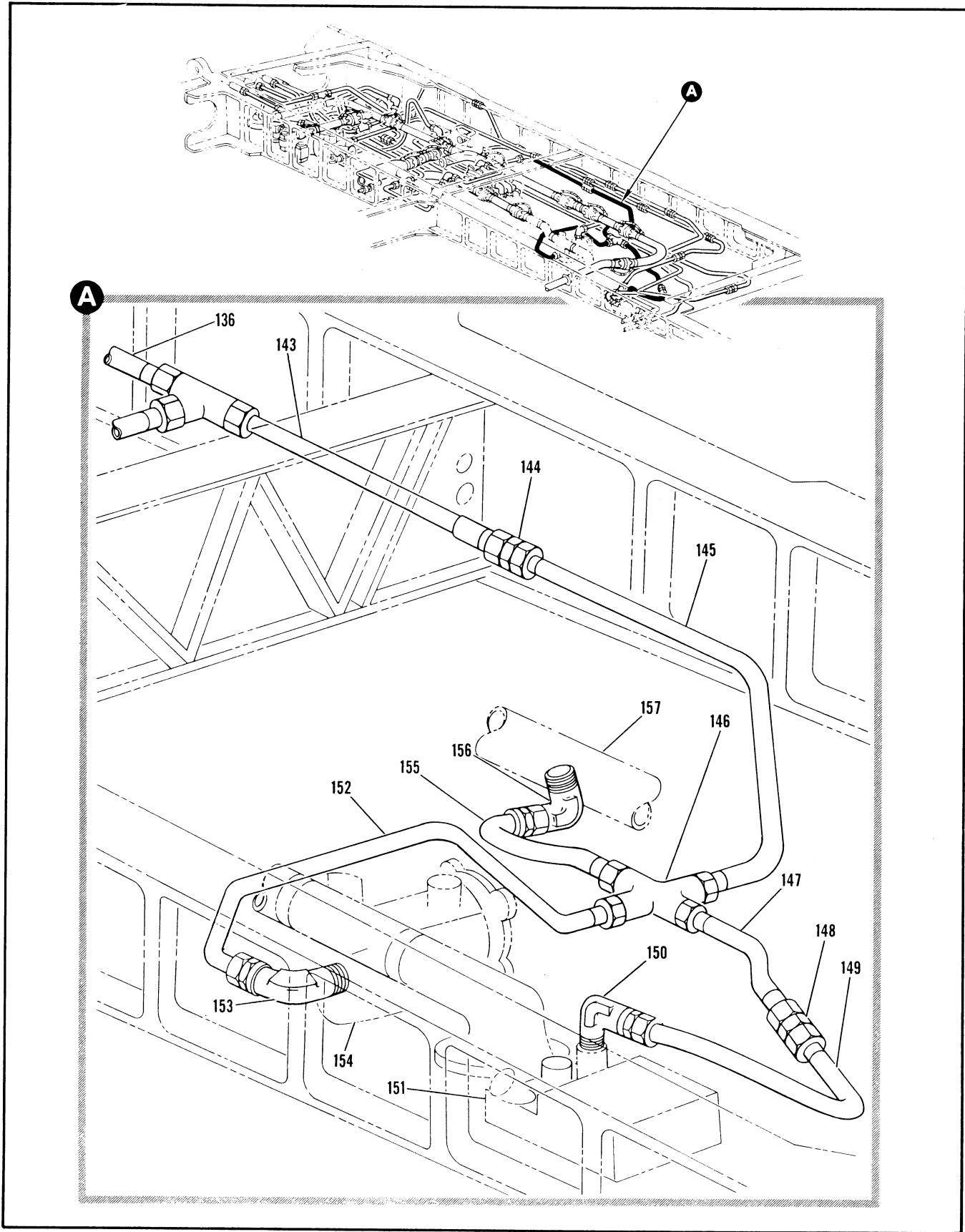


Figure 2.12-21. Wing Transfer Tank Fuel Control Tubing Installation (Sheet 8 of 10)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-21-143	8-20397-392	• TUBE ASSY, LH	1	35	159
	8-20397-2475	• TUBE ASSY, LH	1	B	
	8-20397-1815	• TUBE ASSY, RH	1	35	159
	8-20397-2589	• TUBE ASSY, RH	1	B	
-144	MS21902D6	• UNION	1	A	
	8-20397-445	• TUBE ASSY, LH	1	35	159
	8-20397-2479	• TUBE ASSY, LH	1	R	
-145	8-20397-1819	• TUBE ASSY, RH	1	35	159
	8-20397-2591	• TUBE ASSY, RH	1	B	
-146	MS21906D6	• CROSS	1	A	
	8-20397-1069	• TUBE ASSY, LH	1	35	159
	8-20397-2529	• TUBE ASSY, LH	1	B	
-147	8-20397-1797	• TUBE ASSY, RH	1	35	159
	8-20397-2459	• TUBE ASSY, RH	1	B	
-148	MS21916D6-4	• REDUCER, LH	1	A	
	MS21902D6	• UNION, RH	1	A	
	8-20397-1075	• TUBE ASSY, LH	1	35	159
	8-20397-2535	• TUBE ASSY, LH	1	B	
-149	8-20397-1793	• TUBE ASSY, RH	1	35	159
	8-20397-2455	• TUBE ASSY, RH	1	R	
	AN924-4D	• NUT, LH	1	A	
	MS21908D4	• ELBOW, LH	1	A	
	MS29512-4	• GASKET, LH	1	A	
-150	AN924-6D	• NUT, RH	1	A	
	MS21908D6	• ELBOW, RH	1	A	
	MS29512-6	• GASKET, RH	1	A	
-151		• VALVE ASSY, FUEL TRANSFER PIOLT SEE FIG. 2.12-34 INDEX 11	RF		
	8-20397-443	• TUBE ASSY, LH	1	35	159
	8-20397-2477	• TUBE ASSY, LH	1	B	
-152	8-20397-1089	• TUBE ASSY, RH	1	35	159
	8-20397-2543	• TUBE ASSY, RH	1	B	
	AN924-6D	• NUT, LH	1	A	
	MS21908D6	• ELBOW, LH	1	A	
	MS21902D6	• UNION, RH	1	A	
-153	MS29512-6	• GASKET	1	A	
-154		• VALVE ASSY, TRANSFER TANK INBD SHUTOFF SEE FIG. 2.12-30 INDEX 4	RF		
	8-20397-441	• TUBE ASSEMBLY	1	35	159
	8-20397-2199	• TUBE ASSEMBLY	1	B	
	AN924-6D	• NUT	1	A	
-156	MS21908D6	• ELBOW	1	A	
	MS29512-6	• GASKET	1	A	
-157		• TUBE ASSY, VACUUM AND PRESSURE RELIEF LH SEE FIG. 2.12-14 INDEX 30	RF		

A AIRPLANES #35 THRU 186, 278 AND ON
R AIRPLANES #160 THRU 188, 278 AND ON

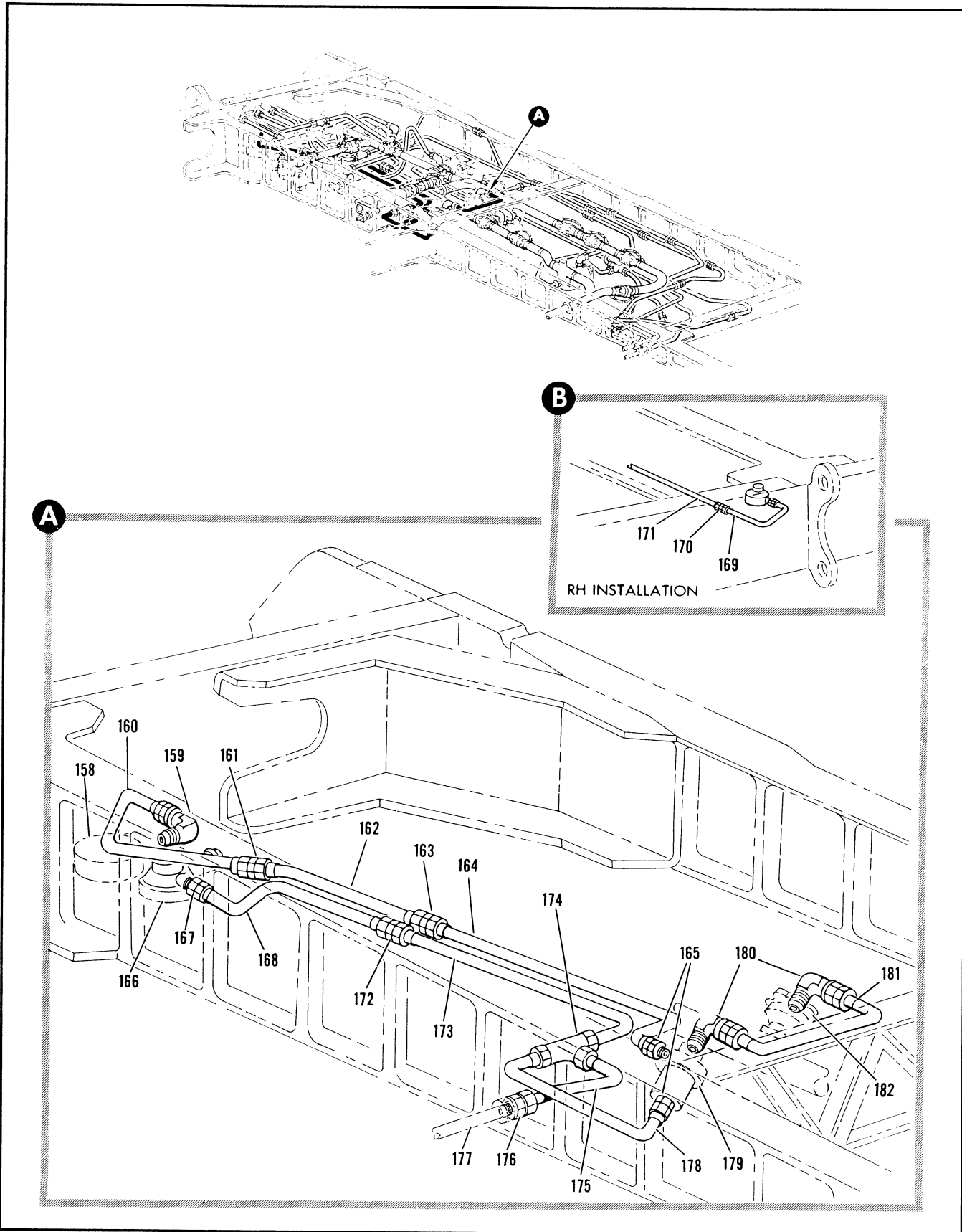


Figure 2.12-21. Wing Transfer Tank Fuel Control Tubing Installation (Sheet 9 of 10)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-21-158		• VALVE ASSY, FUEL TANK PILOT FLOAT SEE FIG. 2.12-26 INDEX 6	RF		
	AN924-4D	• NUT	1	A	
-159	MS21908D4	• ELBOW	1	A	
	MS29512-4	• GASKET	1	A	
-160	8-20397-1643	• TUBE ASSY, LH	1	35	159
	8-20397-2569	• TUBE ASSY, LH	1	B	
	8-20397-1843	• TUBE ASSY, RH	1	35	159
	8-20397-2175	• TUBE ASSY, RH	1	B	
-161	MS21902D4	• UNION	1	A	
-162	8-20397-1109	• TUBE ASSY, LH	1	35	159
	8-20397-2545	• TUBE ASSY, LH	1	B	
	8-20397-1805	• TUBE ASSY, RH	1	35	159
	8-20397-2581	• TUBE ASSY, RH	1	B	
-163	MS21902D4	• UNION	1	A	
-164	8-20397-1641	• TUBE ASSY, LH	1	35	159
	8-20397-2567	• TUBE ASSY, LH	1	B	
	8-20397-1133	• TUBE ASSY, RH	1	35	159
	8-20397-2547	• TUBE ASSY, RH	1	B	
-165	MS21902D4	• UNION	2	A	
	MS29512-4	• GASKET	2	A	
-166		• VALVE ASSY, FUEL TANK VENT REFUELING SEE FIG. 2.12-26 INDEX 3	RF		
-167	MS21902D4	• UNION	1	A	
	MS29512-4	• GASKET	1	A	
-168	8-20397-1647	• TUBE ASSY, LH	1	35	159
	8-20397-2573	• TUBE ASSY, LH	1	B	
-169	8-20397-1143	• TUBE ASSY, RH	1	35	159
-170	MS21902D4	• UNION, RH	1	35	159
-171	8-20397-1853	• TUBE ASSY, RH	1	35	159
-172	MS21902D4	• UNION	1	A	
-173	8-20397-1645	• TUBE ASSY, LH	1	35	159
	8-20397-2185	• TUBE ASSY, LH	1	B	
	8-20397-1139	• TUBE ASSY, RH	1	35	159
	8-20397-2571	• TUBE ASSY, RH	1	B	
-174	MS21902D4	• TEE	1	A	
-175	8-20397-1101	• TUBE ASSY, RH	1	35	159
	8-20397-2549	• TUBE ASSY, RH	1	B	
-176		• UNION, SPAR #6 BL 80 AND 142 SEE FIG. 2.12-66 INDEX 13	RF		
-177		• TUBE ASSY, LH SEE FIG. 2.12-20 INDEX 43	RF		
-178	8-20397-1103	• TUBE ASSEMBLY	1	35	159
	8-20397-2213	• TUBE ASSEMBLY	1	B	
	8-20397-2215	• TUBE ASSEMBLY	1	B	
-179		• VALVE ASSY, PRESSURE OPERATED PILOT SEE FIG. 2.12-2 INDEX 21	RF		
-180	AN924-4D	• NUT	2	A	
	MS21908D4	• ELBOW	2	A	
	MS29512-4	• GASKET	2	A	
-181	8-20397-1639	• TUBE ASSY, LH	1	35	159
	8-20397-2565	• TUBE ASSY, LH	1	B	
	8-20397-1149	• TUBE ASSY, RH	1	35	159
	8-20397-2553	• TUBE ASSY, RH	1	B	
-192		• VALVE ASSY, PILOT OPERATED FUEL SHUTOFF SEE FIG. 2.12-2 INDEX 1	RF		

A AIRPLANES #35 THRU 188, 278 AND ON
B AIRPLANES #160 THRU 188, 278 AND ON

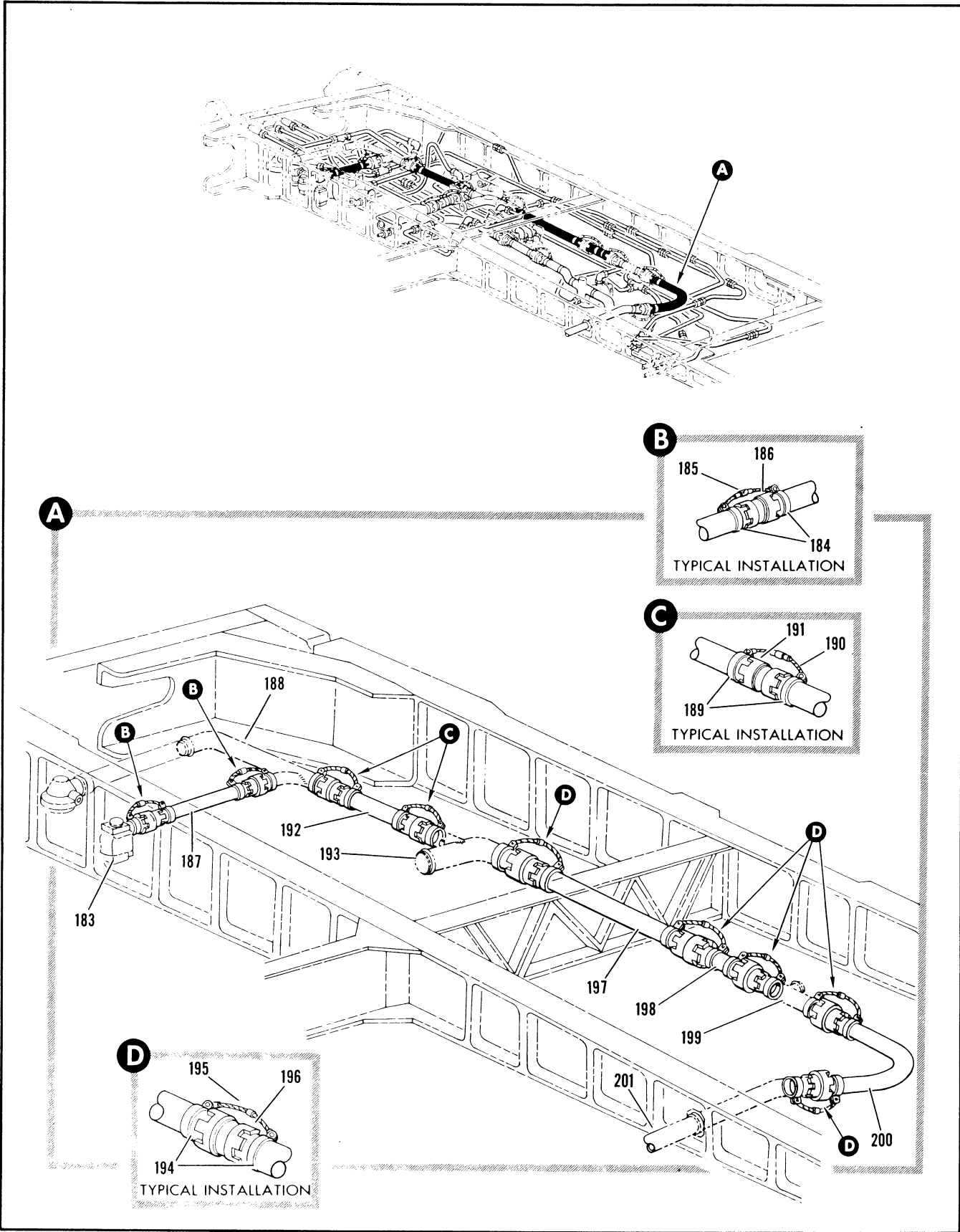


Figure 2.12-21. Wing Transfer Tank Fuel Control Tubing Installation (Sheet 10 of 10)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-21-183		• VALVE ASSY, TRANSFER TANK PRESSURE RELIEF SEE FIG. 2.12-1 INDEX 94	RF		
-184	AN735D12	• CLAMP ATTACHING PARTS	4	A	
	NAS679A3	• NUT	4	A	
	AN960D10L	• WASHER	4	A	
	AN526-1032R6	• SCREW	4	A	
		-----X----			
-185	MS25083-1BB3	• JUMPER	2	A	
-186	3605-12D	• COUPLING, <79326> 92-72500-009	2	A	
	MS29513-210	• PACKING	2	A	
-187	8-20397-1121	• TUBE ASSEMBLY	1	A	
-188		• MANIFOLD ASSY, LH SEE FIG. 2.12-25 INDEX 20	RF		
-189	AN735D16	• CLAMP ATTACHING PARTS	4	A	
	NAS679A3	• NUT	4	A	
	AN960D10L	• WASHER	4	A	
	AN526-1032R6	• SCREW	4	A	
		-----X----			
-190	MS25083-1BB3	• JUMPER	2	A	
-191	3605-16D	• COUPLING, <79326> 92-72500-001	2	A	
	MS29513-214	• PACKING	2	A	
-192	8-20397-1123	• TUBE ASSEMBLY	1	A	
-193		• TUBE ASSY, LH SEE FIG. 2.12-25 INDEX 18	RF		
-194	AN735D24	• CLAMP ATTACHING PARTS	10A		
	NAS679A3	• NUT	10	A	
	AN960D10L	• WASHER	10	A	
	AN526-1032R6	• SCREW	10	A	
		-----X----			
-195	MS25083-1BB4	• JUMPER	5	A	
-196	3605-24D	• COUPLING, <79326> 92-72500-003	5	A	
	MS29513-325	• PACKING	5	A	
-197	8-20397-1665	• TUBE ASSY, LH	1	A	
	8-20397-1807	• TUBE ASSY, RH	1	A	
-198	8-20397-1663	• TUBE ASSEMBLY	1	A	
-199		• TUBE ASSY, VACUUM AND PRESSURE RELIEF LH SEE FIG. 2.12-14 INDEX 30	RF		
-200	8-20397-175	• TUBE ASSEMBLY	1	A	
-201		• TUBE ASSY, TRANSFER TANK VENT SEE FIG. 2.12-4 INDEX 23	RF		
A AIRPLANES #35 THRU 188, 278 AND ON					

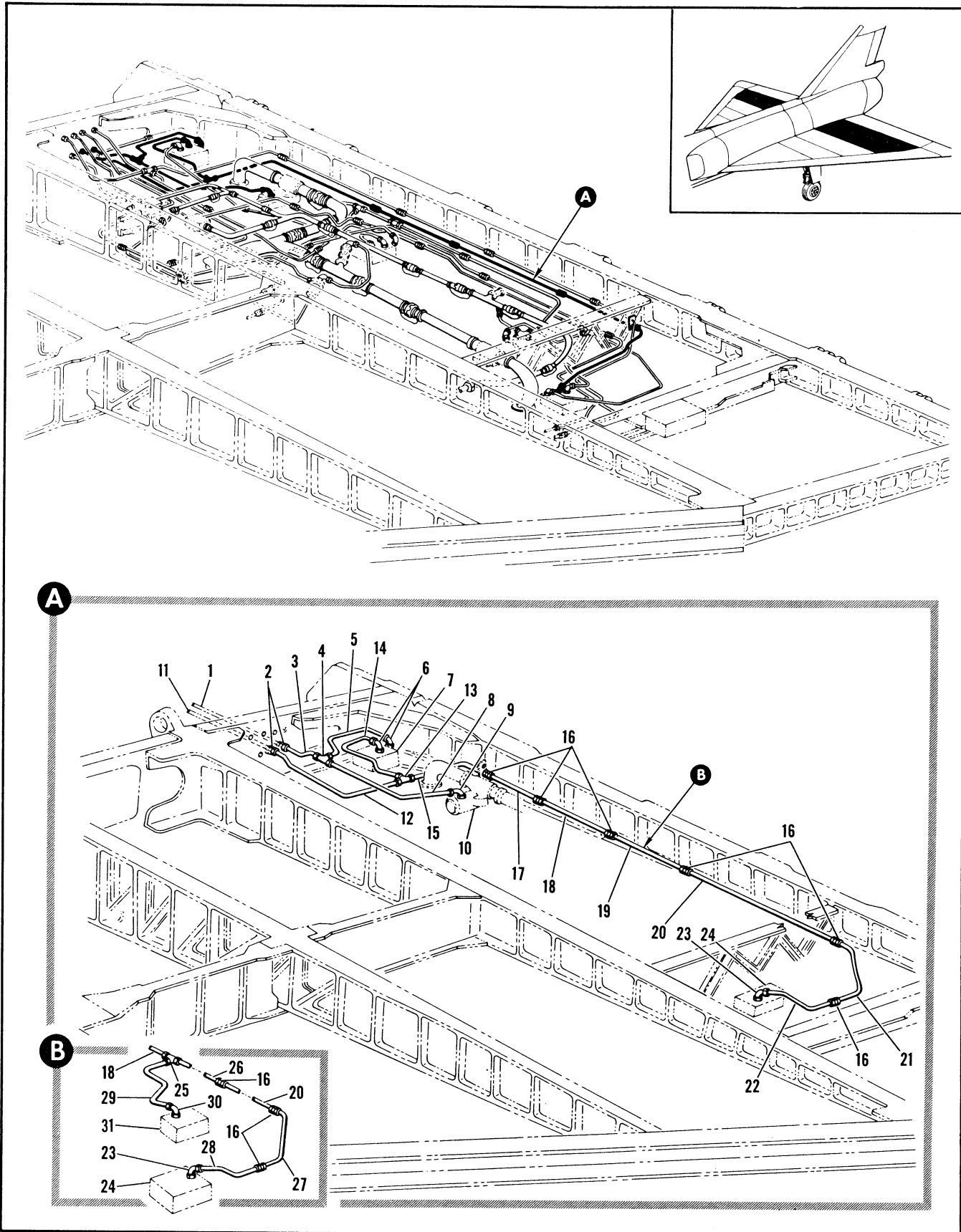


Figure 2.12-22. Wing Transfer Tank Fuel Control Tubing Installation (Sheet 1 of 7)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-22	8-20397-865	TUBING INSTALLATION, WING TRANSFER TANK FUEL CONTROL LH FOR NHA SEE FIG. 2.6-32	RF	189	277
	8-20397-867	TUBING INSTALLATION, WING TRANSFER TANK FUEL CONTROL RH FOR NHA SEE FIG. 2.6-32	RF	189	277
- 1		• TUBE ASSY, SEE FIG. 2.12-46 INDEX 168	RF		
- 2		• FITTING, TRANSFER TANK AMBIENT SENSING SEE FIG. 2.12-35 INDEX 7	RF		
- 3	8-20397-2735	• TUBE ASSY, LH	1	189	277
	8-20397-2799	• TUBE ASSY, RH	1	189	277
- 4	MS2190506	• TEE	1	189	277
- 5	8-20397-2691	• TUBE ASSY, LH	1	189	277
	8-20397-2819	• TUBE ASSY, RH	1	189	277
- 6	MS2190806	• ELBOW	2	189	277
	AN924-60	• NUT	2	189	277
	MS29512-6	• GASKET	2	189	277
- 7		• VALVE ASSY, FUEL TRANSFER PILOT SEE FIG. 2.12-28 INDEX 6	RF		
- 8	8-20397-2699	• TUBE ASSY, LH	1	189	277
	8-20397-2769	• TUBE ASSY, RH	1	189	277
- 9	MS2190806	• ELBOW	1	189	277
	AN924-60	• NUT	1	189	277
	MS29512-6	• GASKET	1	189	277
- 10		• VALVE ASSY, TRANSFER TANK INBD SHUTOFF SEE FIG. 2.12-30 INDEX 4	RF		
- 11		• TUBE ASSY, SEE FIG. 2.12-46 INDEX 147	RF		
- 12	8-20397-2669	• TUBE ASSY, LH	1	189	277
	8-20397-2769	• TUBE ASSY, RH	1	189	277
- 13	MS29513-325	• TEE	1	189	277
- 14	8-20397-2693	• TUBE ASSY, LH	1	189	277
	8-20397-2817	• TUBE ASSY, RH	1	189	277
- 15	8-20397-2695	• TUBE ASSY, LH	1	189	277
	8-20397-2833	• TUBE ASSY, RH	1	189	277
- 16	MS2190206	• UNION	6	189	277
- 17	8-20397-2209	• TUBE ASSEMBLY	1	189	277
- 18	8-20397-2191	• TUBE ASSEMBLY	1	189	277
- 19	8-20397-2465	• TUBE ASSY, LH	1	189	277
- 20	8-20397-2193	• TUBE ASSEMBLY	1	189	277
- 21	8-20397-2715	• TUBE ASSY, LH	1	189	277
- 22	8-20397-2537	• TUBE ASSY, LH	1	189	277
- 23	MS2190806	• ELBOW	1	189	277
	AN924-60	• NUT	1	189	277
	MS29512-6	• GASKET	1	189	277
- 24		• VALVE ASSY, FUEL TANK TRANSFER PILOT RH SEE FIG. 2.12-29 INDEX 8	RF		
- 25	MS2190506	• TEE, RH	1	189	277
- 26	8-20397-2497	• TUBE ASSY, RH	1	189	277
- 27	8-20397-2757	• TUBE ASSY, RH	1	189	277
- 28	8-20397-2461	• TUBE ASSY, RH	1	189	277
- 29	8-20397-2805	• TUBE ASSY, RH	1	189	277
- 30	MS2190806	• ELBOW, RH	1	189	277
	AN924-60	• NUT, RH	1	189	277
	MS29512-6	• GASKET, RH	1	189	277
- 31		• VALVE ASSY, FUEL TANK TRANSFER PILOT RH SEE FIG. 2.12-34 INDEX 11	RF		

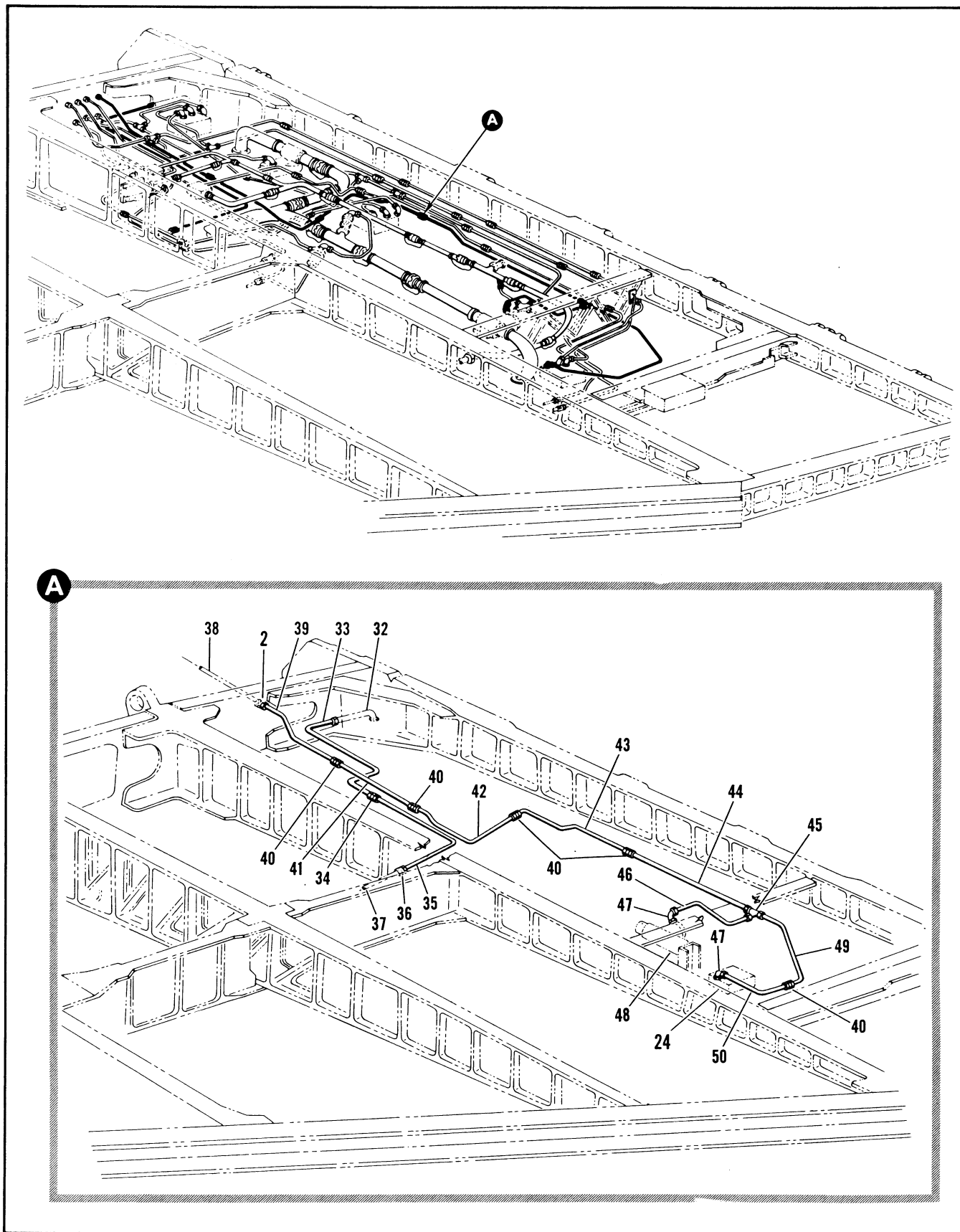


Figure 2.12-22. Wing Transfer Tank Fuel Control Tubing Installation (Sheet 2 of 7)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY	USABLE ON CODE	
				FROM	TO
2.12-22- 32		• BELLMOUTH ASSY, TRANSFER TANK FUEL SCAVENGE SEE FIG. 2.12-1 INDEX 109	RF		
- 33	8-20397-2673	• TUBE ASSY, LH	1	189	277
	8-20397-2739	• TUBE ASSY, RH	1	189	277
- 34	MS21902D8	• UNION	1	189	277
- 35	8-20397-2671	• TUBE ASSY, LH	1	189	277
	8-20397-2741	• TUBE ASSY, RH	1	189	277
- 36		• UNION, SPAR #6 BL 66 SEE FIG. 2.12-67 INDEX 39	RF		
- 37		• TUBE ASSY, SEE FIG. 2.12-20 INDEX 18	RF		
- 38		• TUBE ASSY, SEE FIG. 2.12-46 INDEX 164	RF		
- 39	8-20397-2667	• TUBE ASSY, LH	1	189	277
	8-20397-2797	• TUBE ASSY, RH	1	189	277
- 40	MS21902D6	• UNION	5	189	277
- 41	8-20397-2205	• TUBE ASSEMBLY	1	189	277
- 42	8-20397-2677	• TUBE ASSY, LH	1	189	277
	8-20397-2783	• TUBE ASSY, RH	1	189	277
- 43	8-20397-2491	• TUBE ASSY, LH	1	189	277
	8-20397-2809	• TUBE ASSY, RH	1	189	277
- 44	8-20397-2489	• TUBE ASSY, LH	1	189	277
	8-20397-2519	• TUBE ASSY, RH	1	189	277
- 45	MS21905D6	• TEE	1	189	277
- 46	8-20397-2659	• TUBE ASSY, LH	1	277	
	8-20397-2759	• TUBE ASSY, RH	1	189	277
- 47	MS21908D6	• ELBOW	2	189	277
	AN924-6D	• NUT	2	189	277
	MS29512-6	• GASKET	2	189	277
- 48		• VALVE ASSY, FUEL TRANSFER PILOT SEE FIG. 2.12-28 INDEX 6	RF		
- 49	8-20397-2531	• TUBE ASSY, LH	1	189	277
	8-20397-2837	• TUBE ASSY, RH	1	189	277
- 50	8-20397-2533	• TUBE ASSY, LH	1	189	277
	8-20397-2835	• TUBE ASSY, RH	1	189	277

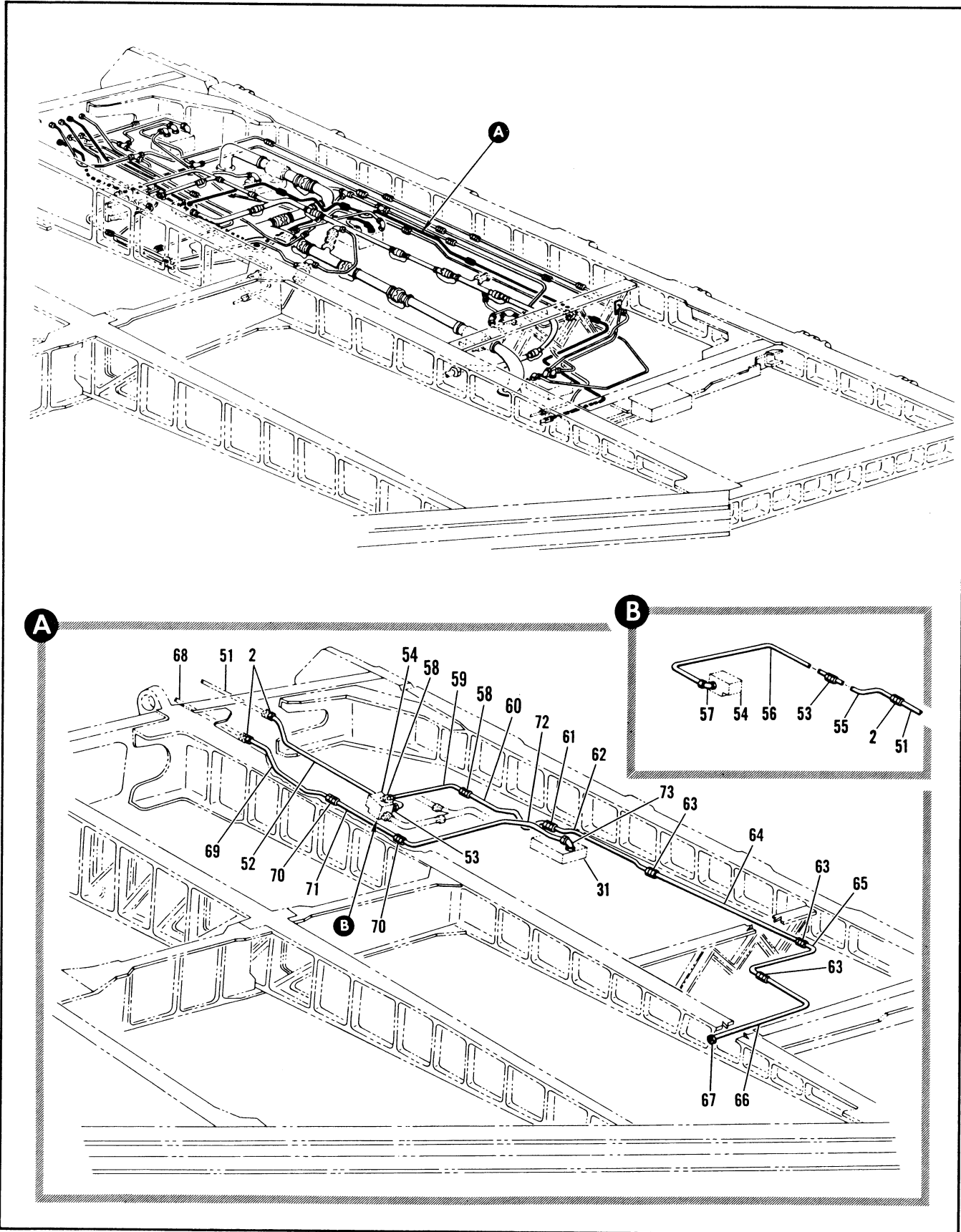


Figure 2.12-22. Wing Transfer Tank Fuel Control Tubing Installation (Sheet 3 of 7)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-22- 51		• TUBE ASSEMBLY SEE FIG. 2.12-46 INDEX 134	RF		
- 52	8-20397-2679	• TUBE ASSY, LH	1	189	277
- 53	MS21902D6	• UNION	2	189	277
	MS29512-6	• GASKET	1	189	277
- 54		• VALVE ASSY, TRANSFER TANK VENT SEE FIG. 2.12-25 INDEX 1	RF		
- 55	8-20397-2781	• TUBE ASSY, RH	1	189	277
- 56	8-20397-2779	• TUBE ASSY, RH	1	189	277
- 57	MS21908D6	• ELBOW, RH	1	189	277
	AN924-6D	• NUT, RH	1	189	277
	MS29512-6	• GASKET, RH	1	189	277
- 58	MS21902D4	• UNION	2	189	277
	MS29512-4	• GASKET	1	189	277
- 59	8-20397-2713	• TUBE ASSY, LH	1	189	277
	8-20397-2765	• TUBE ASSY, RH	1	189	277
- 60	8-20397-2711	• TUBE ASSY, LH	1	189	277
	8-20397-2767	• TUBE ASSY, RH	1	189	277
- 61	MS21902D6	• UNION, LH	1	189	277
	MS21916D6-4	• REDUCER, RH	1	189	277
- 62	8-20397-2155	• TUBE ASSY, LH	1	189	277
	8-20397-2785	• TUBE ASSY, RH	1	189	277
- 63	MS21902D6	• UNION	3	189	277
- 64	8-20397-2845	• TUBE ASSY, LH	1	189	277
	8-20397-2189	• TUBE ASSY, RH	1	189	277
- 65	8-20397-2755	• TUBE ASSEMBLY	1	189	277
- 66	8-20397-2763	• TUBE ASSEMBLY	1	189	277
- 67		• UNION, SPAR #6 BL 143 SEE FIG. 2.12-66	RF		
- 68		• TUBE ASSY, SEE FIG. 2.12-46 INDEX 131	RF		
- 69	8-20397-2849	• TUBE ASSY, LH	1	189	277
- 70	MS21902D6	• UNION, LH	2	189	277
- 71	8-20397-2505	• TUBE ASSY, LH	1	189	277
- 72	8-20397-2707	• TUBE ASSY, LH	1	189	277
- 73	MS21908D6	• ELBOW, LH	1	189	277
	AN924-6D	• NUT, LH	1	189	277
	MS29512-6	• GASKET, LH	1	189	277

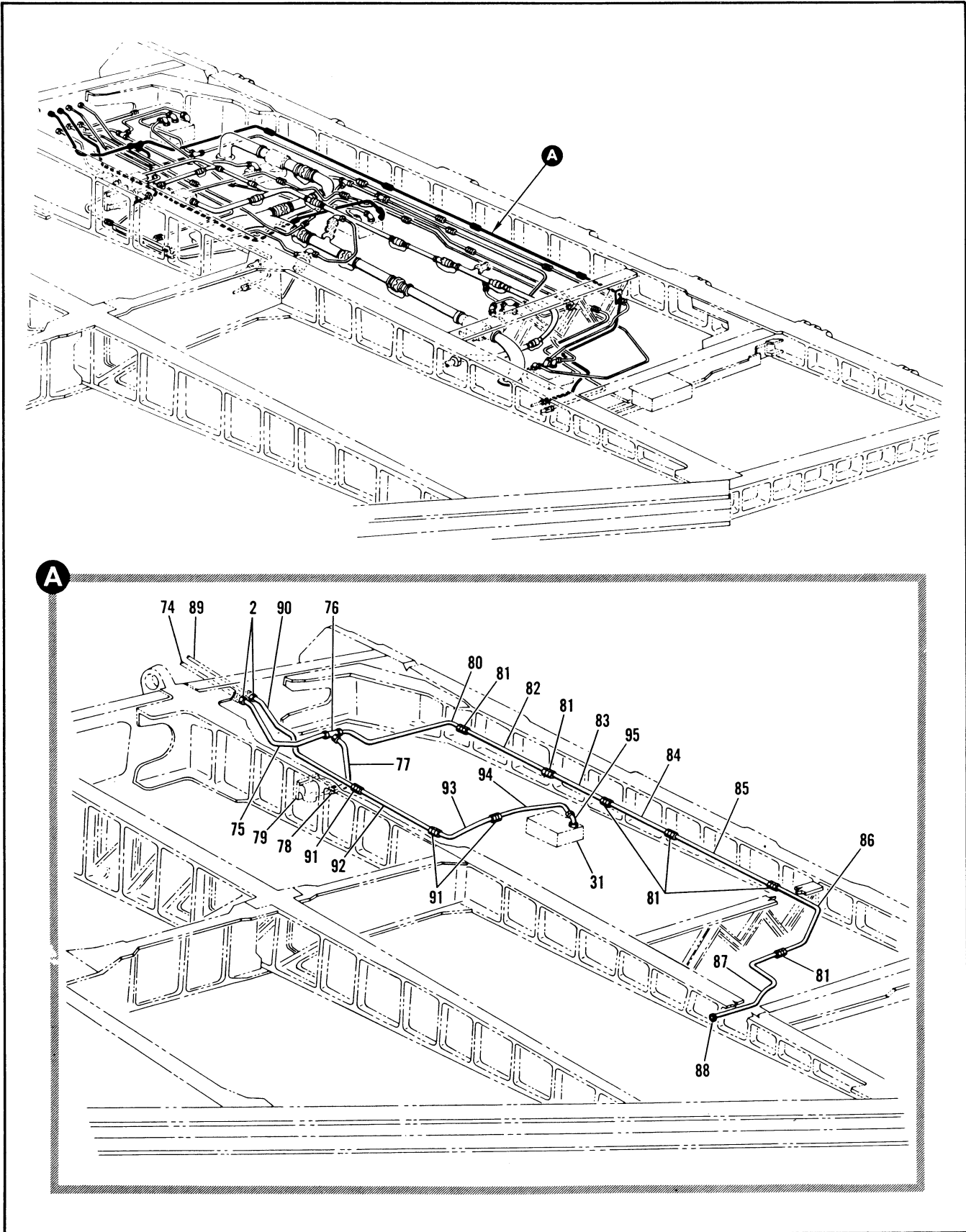


Figure 2.12-22. Wing Transfer Tank Fuel Control Tubing Installation (Sheet 4 of 7)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-22- 74		• TUBE ASSY, SEE FIG. 2.12-46 INDEX 146	RF		
- 75	8-20397-2141	• TUBE ASSY, LH	1	189	277
	8-20397-2839	• TUBE ASSY, RH	1	189	277
- 76	MS21905D4	• TEE	1	189	277
- 77	8-20397-2575	• TUBE ASSY, LH	1	189	277
	8-20397-2811	• TUBE ASSY, RH	1	189	277
- 78	MS21902D4	• UNION	1	189	277
	MS29512-4	• GASKET	1	189	277
- 79		• VALVE ASSY, TRANSFER TANK PRESSURE RELIEF SEE FIG. 2.12-1 INDEX 94	RF		
- 80	8-20397-2719	• TUBE ASSY, LH	1	189	277
	8-20397-2823	• TUBE ASSY, RH	1	189	277
- 81	MS21902D4	• UNION	6	189	277
- 82	8-20397-2847	• TUBE ASSY, LH	1	189	277
	8-20397-2721	• TUBE ASSY, RH	1	189	277
- 83	8-20397-2657	• TUBE ASSEMBLY	1	189	277
- 84	8-20397-2661	• TUBE ASSY, LH	1	189	277
	8-20397-2793	• TUBE ASSY, RH	1	189	277
- 85	8-20397-2195	• TUBE ASSEMBLY	1	189	277
- 86	8-20397-2717	• TUBE ASSY, LH	1	189	277
	8-20397-2795	• TUBE ASSY, RH	1	189	277
- 87	8-20397-2663	• TUBE ASSY, LH	1	189	277
	8-20397-2803	• TUBE ASSY, RH	1	189	277
- 88		• UNION, SPAR #6 BL 80 SEE FIG. 2.12-67	RF		
- 89		• TUBE ASSY, SEE FIG. 2.12-46 INDEX 133	RF		
- 90	8-20397-2681	• TUBE ASSY, LH	1	189	277
	8-20397-2613	• TUBE ASSY, RH	1	189	277
- 91	MS21902D6	• UNION	3	189	277
- 92	8-20397-2605	• TUBE ASSY, LH	1	189	277
	8-20397-2791	• TUBE ASSY, RH	1	189	277
- 93	8-20397-2851	• TUBE ASSY, LH	1	189	277
	8-20397-2747	• TUBE ASSY, RH	1	189	277
- 94	8-20397-2709	• TUBE ASSY, LH	1	189	277
	8-20397-2749	• TUBE ASSY, RH	1	189	277
- 95	MS21908D6	• ELBOW	1	189	277
	AN924-6D	• NUT	1	189	277
	MS29512-6	• GASKET	1	189	277

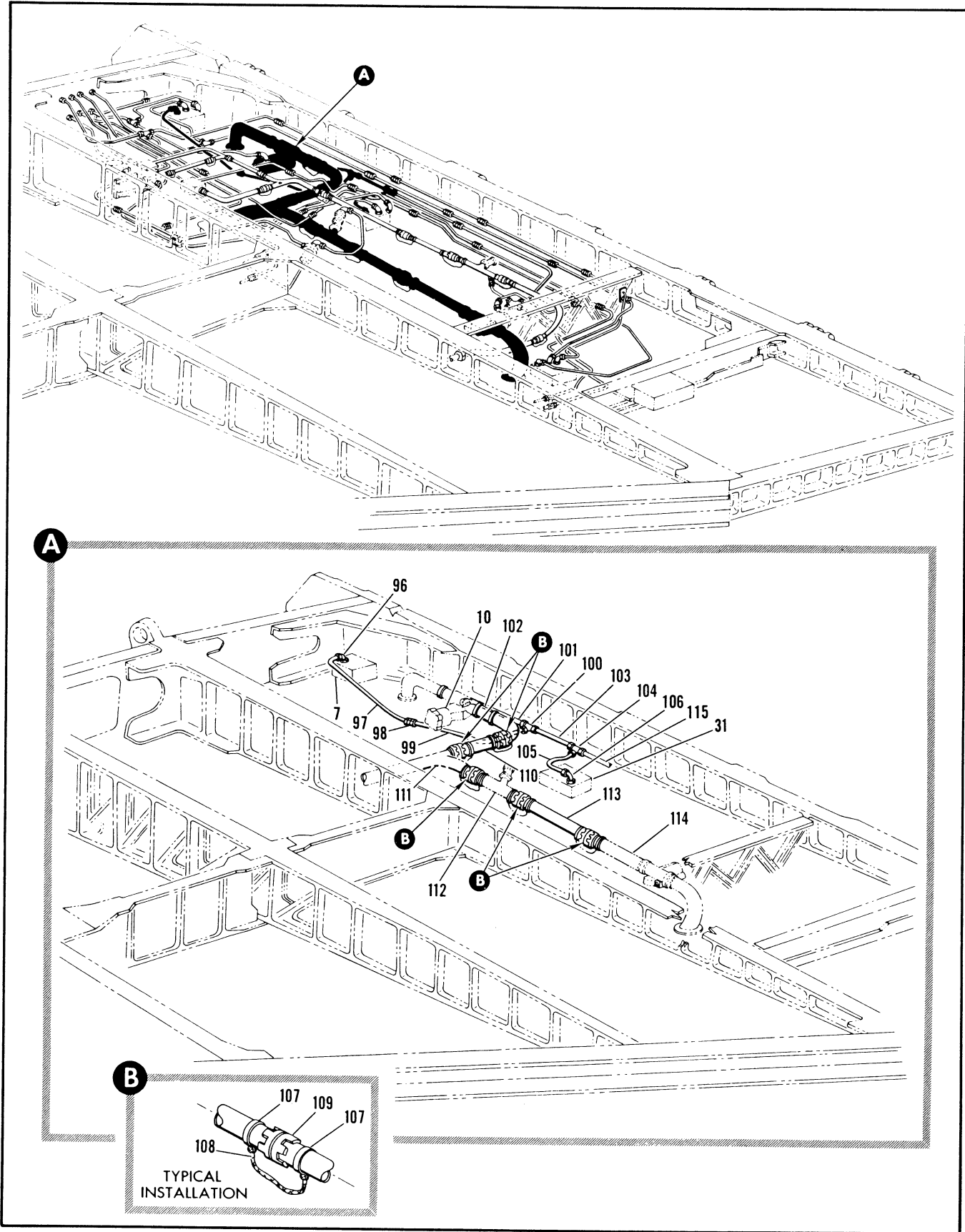


Figure 2.12-22. Wing Transfer Tank Fuel Control Tubing Installation (Sheet 5 of 7)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-22- 96	MS21908D4	• ELBOW	1	189	277
	AN924-4D	• NUT	1	189	277
	MS29512-4	• GASKET	1	189	277
- 97	8-20397-2687	• TUBE ASSY, LH	1	189	277
	8-20397-2825	• TUBE ASSY, RH	1	189	277
- 98	MS21902D4	• UNION, LH	1	189	277
- 99	8-20397-2685	• TUBE ASSY, LH	1	189	277
-100	ER824D060604	• TEE, <92003> 98-90319-003	1	189	277
-101	8-20397-2683	• TUBE ASSY, LH	1	189	277
	8-20397-2743	• TUBE ASSY, RH	1	189	277
-102	MS21908D6	• ELBOW	1	189	277
	AN924-6D	• NUT	1	189	277
	MS29512-6	• GASKET	1	189	277
-103	8-20397-2723	• TUBE ASSEMBLY	1	189	277
-104	ER824D060604	• TEE, <92003> 98-90319-003	1	189	277
-105	8-20397-2705	• TUBE ASSY, LH	1	189	277
	8-20397-2821	• TUBE ASSY, RH	1	189	277
-106	MS21908D4	• ELBOW	1	189	277
	AN924-4D	• NUT	1	189	277
	MS29512-4	• GASKET	1	189	277
-107	AN735D40	• CLAMP	10	189	277
		ATTACHING PARTS			
	NAS679A3	• NUT	10	189	277
	AN960D10L	• WASHER	10	189	277
	AN526-1032R6	• SCREW	10	189	277
		----X----			
-108	MS25083-1884	• JUMPER	5	189	277
-109	8605-40D	• COUPLING, <79326> 52-72500-004	5	189	277
	MS29513-333	• PACKING	5	189	277
-110	8-20397-2729	• TUBE ASSEMBLY	1	189	240
	8-20397-2927	• TUBE ASSEMBLY	1	241	277
-111		• TUBE ASSY, SEE FIG. 2.12-14 INDEX 73	RF		
-112		• TUBE ASSY, SEE FIG. 2.12-2 INDEX 14	RF		
-113	8-20397-171	• TUBE ASSEMBLY	1	189	277
-114		• TUBE ASSY, SEE FIG. 2.12-27 INDEX 19	RF		

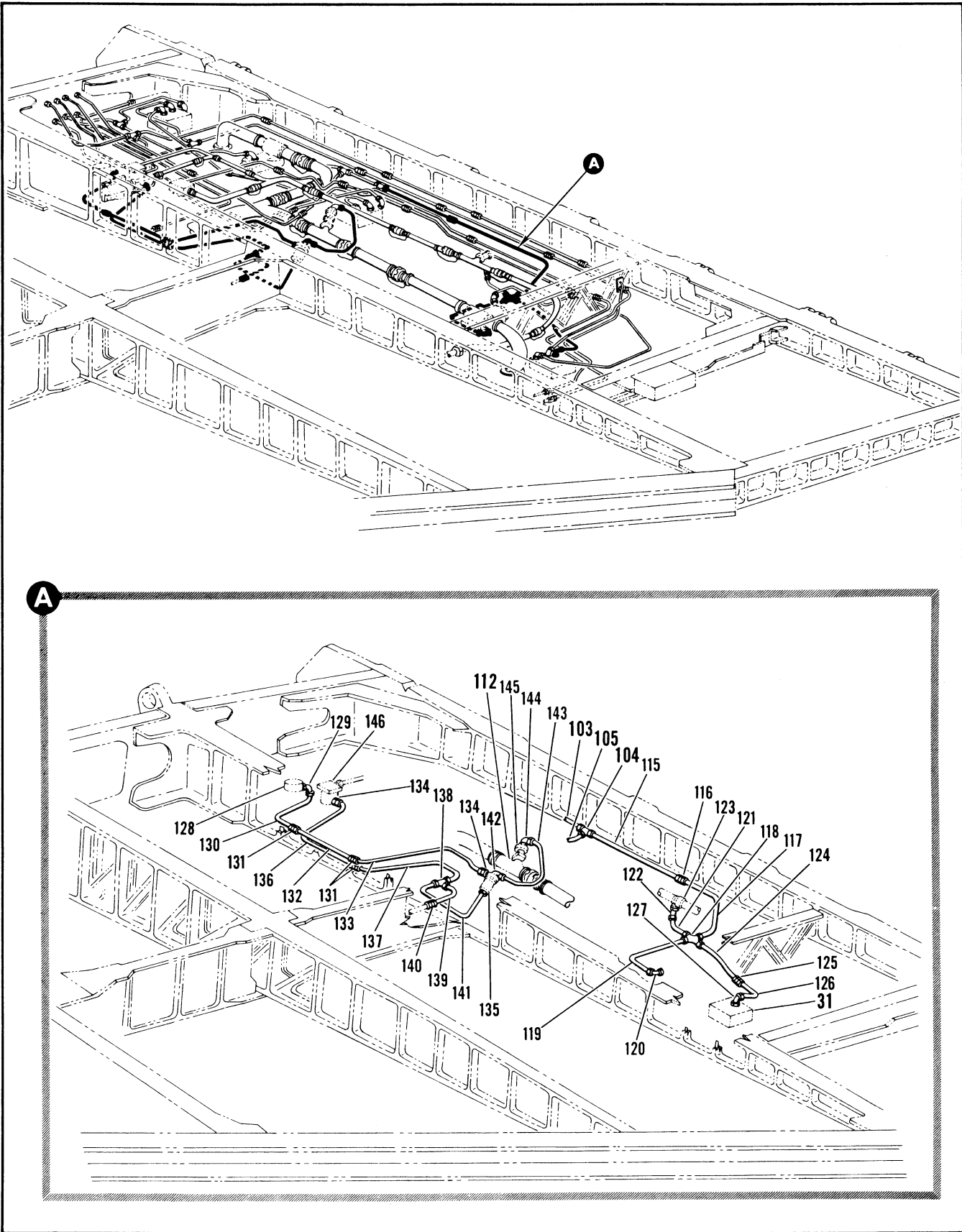


Figure 2.12-22. Wing Transfer Tank Fuel Control Tubing Installation (Sheet 6 of 7)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-22-115	8-20397-2475	• TUBE ASSY, LH	1	189	277
	8-20397-2753	• TUBE ASSY, RH	1	189	277
-116	MS21902D6	• UNION	1	189	277
-117	8-20397-2479	• TUBE ASSY, LH	1	189	215
	8-20397-2939	• TUBE ASSY, LH	1	216	277
	8-20397-2751	• TUBE ASSY, RH	1	189	277
-118	MS21906D6	• CROSS	1	189	277
-119	8-20397-2665	• TUBE ASSY, LH	1	189	277
	8-20397-2777	• TUBE ASSY, RH	1	189	277
-120	MS21908D6	• ELBOW	1	189	277
	AN924-6D	• NUT	1	189	277
	MS29512-6	• GASKET	1	189	277
-121	8-20397-2733	• TUBE ASSY, LH	1	189	277
	8-20397-2801	• TUBE ASSY, RH	1	189	277
-122	MS21908D6	• ELBOW	1	189	277
	AN924-6D	• NUT	1	189	277
	MS29512-6	• GASKET	1	189	277
-123		• TUBE ASSY, VACUUM AND PRESSURE RELIEF SEE FIG. 2.12-12	RF		
		• TUBE ASSY, LH	1	189	215
-124	8-20397-2529	• TUBE ASSY, LH	1	216	215
	8-20397-2941	• TUBE ASSY, LH	1	189	277
	8-20397-2829	• TUBE ASSY, RH	1	189	277
-125	MS21916D6-4	• REDUCER	1	189	277
-126	8-20397-2535	• TUBE ASSY, LH	1	189	277
	8-20397-2455	• TUBE ASSY	1	189	277
-127	MS21908D4	• ELBOW	1	189	277
	AN924-4D	• NUT	1	189	277
	MS29512-4	• GASKET	1	189	277
-128		• VALVE ASSY, FUEL TANK PILOT FLOAT SEE FIG. 2.12-1 INDEX 10	RF		
		• ELBOW	1	189	277
-129	MS21908D4	• NUT	1	189	277
	AN924-4D	• GASKET	1	189	277
	MS29512-4	• TUBE ASSY, LH	1	189	277
-130	8-20397-2689	• TUBE ASSY, RH	1	189	277
	8-20397-2815	• UNION	3	189	277
-131	MS21902D4	• UNION	1	189	277
-132	8-20397-2545	• TUBE ASSEMBLY	1	189	277
-133	8-20397-2725	• TUBE ASSY, LH	1	189	277
	8-20397-2761	• TUBE ASSY, RH	1	189	277
-134	MS21902D4	• UNION	2	189	277
	MS29512-4	• GASKET	2	189	277
-135		• VALVE ASSY, PRESSURE OPERATED PILOT SEE FIG. 2.12-1 INDEX 25	RF		
		• TUBE ASSY, LH	1	189	277
-136	8-20397-2703	• TUBE ASSY, RH	1	189	277
	8-20397-2773	• TUBE ASSY, LH	1	189	277
-137	8-20397-2701	• TUBE ASSY, LH	1	189	277
	8-20397-2831	• TUBE ASSY, RH	1	189	277
-138	MS21905D4	• TEE	1	189	277
-139	8-20397-2827	• TUBE ASSEMBLY	1	189	277
-140		• UNION, SPAR #6 BL AND 142 SEE FIG. 2.12-66	RF		
		• TUBE ASSEMBLY	1	189	277
-141	8-20397-2697	• ELBOW	1	189	277
-142	MS21908D4	• NUT	1	189	277
	AN924-4D	• GASKET	1	189	277
	MS29512-4	• TUBE ASSY, LH	1	189	277
-143	8-20397-2853	• TUBE ASSY, RH	1	189	277
	8-20397-2771	• ELBOW, LH	1	189	277
-144	MS21902D4	• ELBOW, RH	1	189	277
	MS21904D4	• NUT, LH	1	189	277
	AN924-4D	• GASKET	1		
	MS29512-4	• VALVE ASSY, PILOT OPERATED SHUTOFF SEE FIG. 2.12-1	RF		
-145		• VALVE ASSY, FUEL TANK VENT SEE FIG. 2.12-1 INDEX 36	RF		
-146			RF		

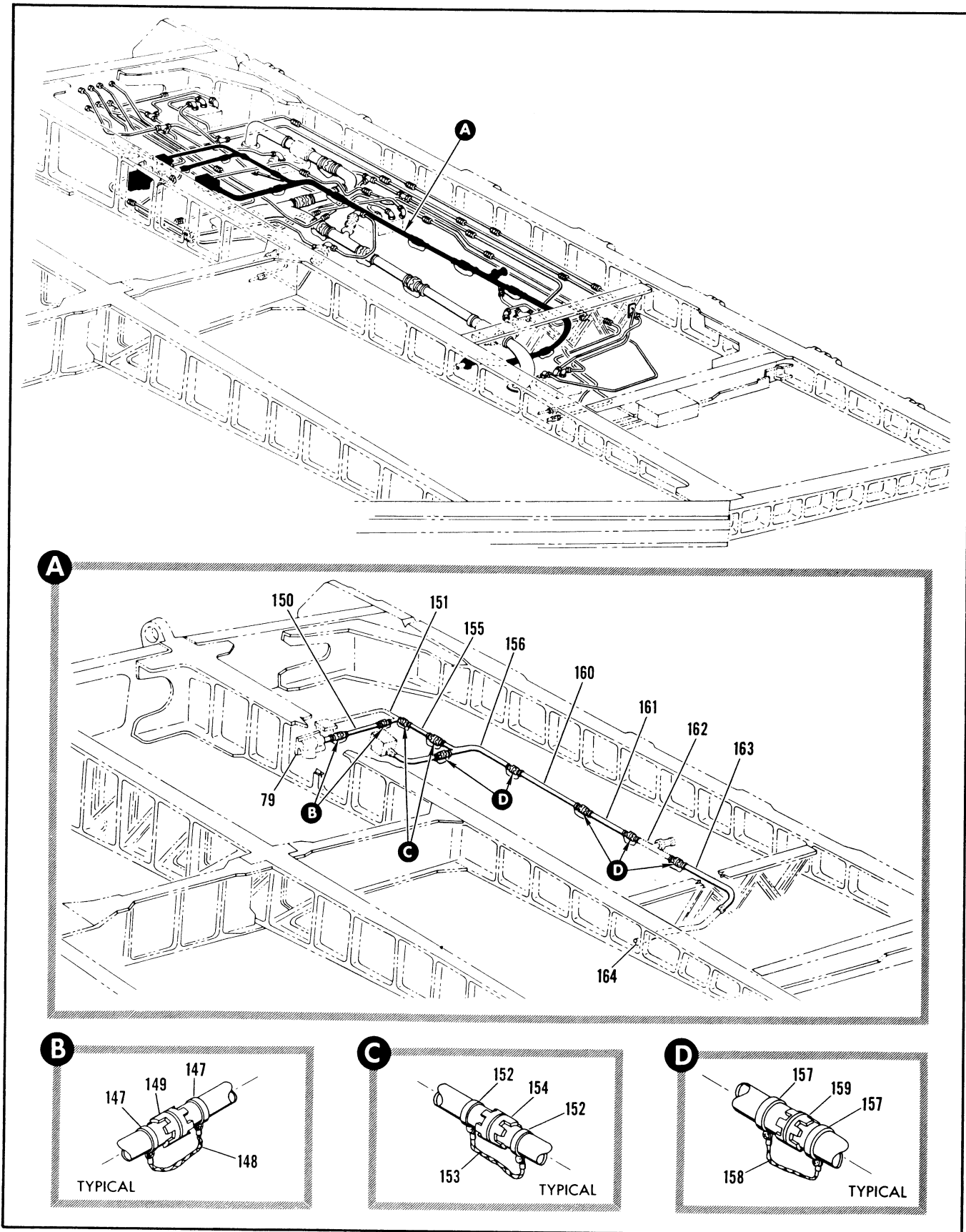


Figure 2.12-22. Wing Transfer Tank Fuel Control Tubing Installation (Sheet 7 of 7)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-22-147	AN735D12	• CLAMP ATTACHING PARTS	4	189	277
	NAS679A3	• NUT	4	189	277
	AN960D10L	• WASHER	4	189	277
	AN526-1032P6	• SCREW ----X----	4	189	277
-148	MS25083-18B3	• JUMPER	2	189	277
-149	3605-120	• COUPLING, <79326> 92-72500-009	2	189	277
	MS29513-211	• PACKING	2	189	277
-150	8-20397-2843	• TUBE ASSEMBLY	1	189	277
-151		• MANIFOLD ASSY, SEE FIG. 2.12-25 INDEX 20	RF		
-152	AN735D16	• CLAMP ATTACHING PARTS	4	189	277
	NAS679A3	• NUT	4	189	277
	AN960D10LL	• WASHER	4	189	277
	AN526-1032R6	• SCREW ----X----	4	189	277
-153	MS25083-18B3	• JUMPER	2	189	277
-154	3605-16D	• COUPLING, <79326> 92-72500-001	2	189	277
	MS29513-214	• PACKING	2	189	277
-155	8-20397-2737	• TUBE ASSEMBLY	1	189	277
-156		• TUBE ASSY, SEE FIG. 2.12-25 INDEX 18	RF		
-157	AN735D24	• CLAMP ATTACHING PARTS	10	189	277
	NAS679A3	• NUT	10	189	277
	AN960D10L	• WASHER	10	189	277
	AN526-1032R6	• SCREW ----X----	10	189	277
-158	MS25083-18B4	• JUMPER	5	189	277
-159	3605-24D	• COUPLING, <79326> 92-72500-003	5	189	277
	MS29513-325	• PACKING	5	189	277
-160	8-20397-1665	• TUBE ASSY, LH	1	189	277
	8-20397-1807	• TUBE ASSY, RH	1	189	277
-161	8-20397-2731	• TUBE ASSY, LH	1	189	277
	8-20397-2841	• TUBE ASSY, RH	1	189	277
-162		• TUBE ASSEMBLY, VACUUM AND PRESSURE RELIEF SEE FIG. 2.12-14 INDEX 30	RF		
-163	8-20397-175	• TUBE ASSEMBLY	1	189	277
-164		• TUBE ASSY, TRANSFER TANK VENT SEE FIG. 2.12-14 INDEX 23	RF		

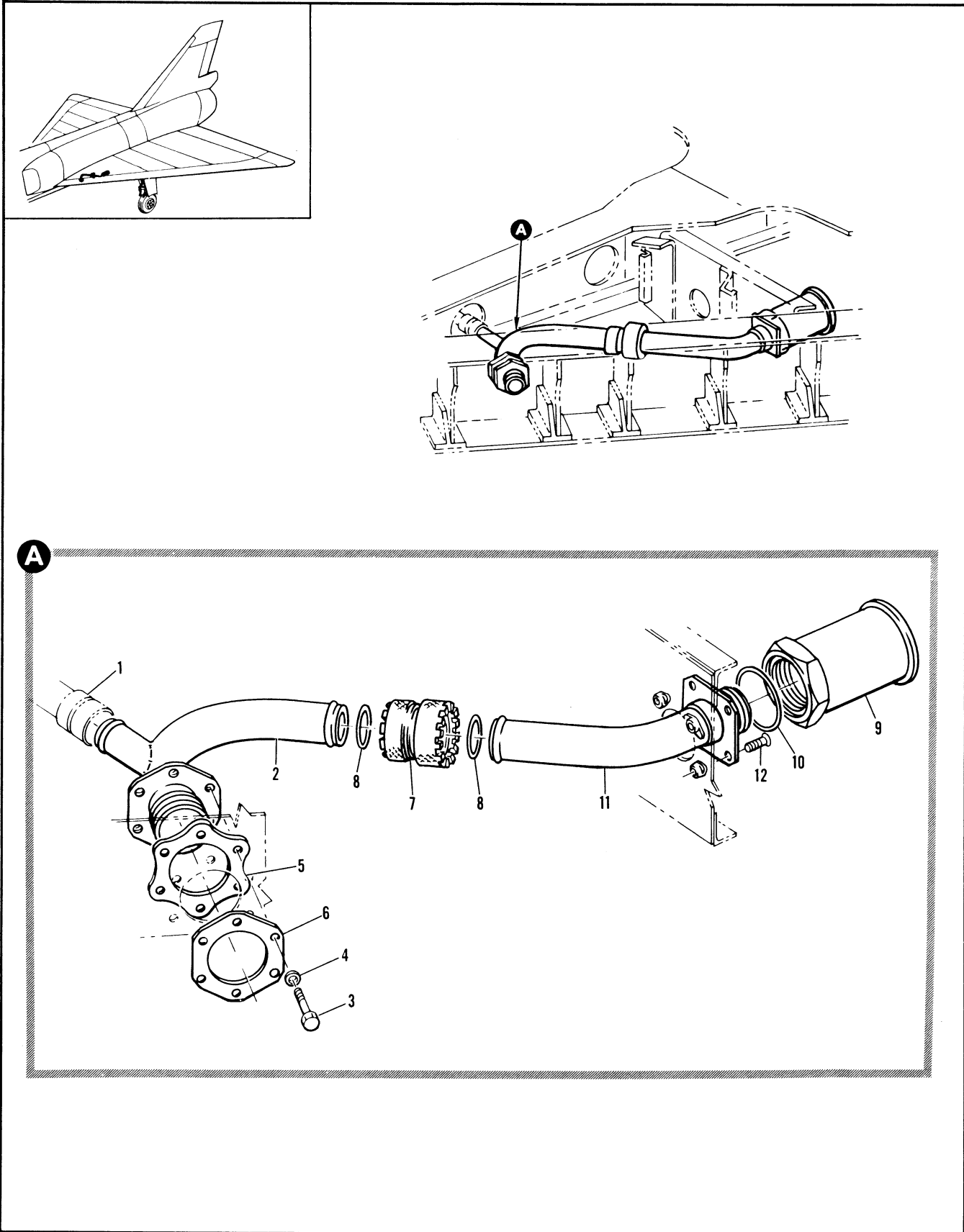


Figure 2.12-23. Tank #1 Suction Relief Valve Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-23	8-21294-3	VALVE INSTALLATION, TANK #1 SUCTION RELIEF LH FOR NHA SEE FIG. 2.6-32	RF	A	
	8-21294-1	VALVE INSTALLATION, TANK #1 SUCTION RELIEF LH FOR NHA SEE FIG. 2.6-32	RF	B	
	8-21294-4	VALVE INSTALLATION, TANK #1 SUCTION RELIEF RH FOR NHA SEE FIG. 2.6-32	RF	A	
	8-21294-2	VALVE INSTALLATION, TANK #1 SUCTION RELIEF RH FOR NHA SEE FIG. 2.6-32	RF	B	
- 1		• TUBE, SEE FIG. 2.12-17 INDEX 28	RF		
- 2	8-21137	• TUBE ASSY, VENT SUCTION RELIEF WELDED REPLACES NOT INTCHG WITH 8-21295	1	A	
	8-21295	• TUBE ASSY, VENT SUCTION RELIEF WELDED REPLACED BY NOT INTCHG WITH 8-21137 ATTACHING PARTS	1	B	
- 3	AN4-10A	• BOLT	6	35	
- 4	AN960D416	• WASHER -----X-----	6	35	
- 5	075156-4	• GASKET, <83259> SPEC 8-02287-7	1	35	
- 6	8-21273-13	• PLATE, BACK UP	1	35	
- 7	3605-200	• COUPLING, <79326> 92-72500-006	1	35	
- 8	MS29513-218	• PACKING, REPLACED BY NAS1593-218	2	35	
	NAS1593-218	• PACKING, REPLACES MS29513-218			
- 9	1111-568371	• VALVE ASSY, FUEL TANK AIR CHECK <92003> SPEC 8-02999 T.O. 6J15-2-105-23	1	35	
	1111-568371M1	• VALVE, VACUUM RELIEF (83259) SPEC 8-02999-5	1	35	
- 10	MS29512-20	• GASKET	1	35	
- 11	8-21136	• TUBE ASSY, WELDED REPLACES NOT INTCHG WITH 8-21297	1	A	
	8-21297	• TUBE ASSY, WELDED REPLACED BY NOT INTCHG WITH 8-21136 ATTACHING PARTS	1	B	
- 12	AN509-10R7	• SCREW -----X-----	4	35	
		A AIRPLANES #35 THRU 277, 287, 292 AND ON B AIRPLANES #278 THRU 286 AND 288 THRU 291			

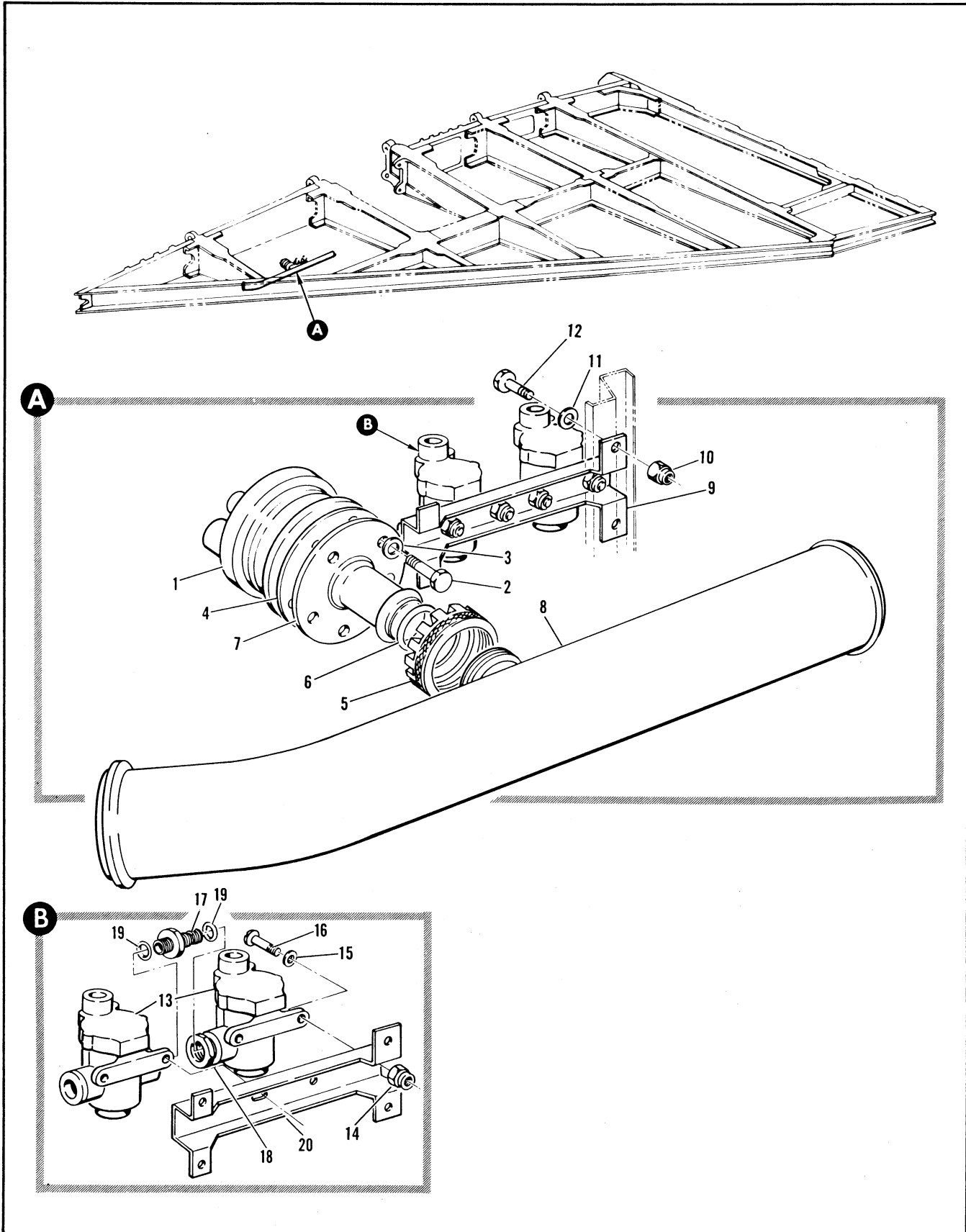


Figure 2.12-24. Tank #1 Refuel Shutoff Valve Installation LH

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-24	8-21194-1	VALVE INSTALLATION, TANK #1 REFUEL SHUTOFF LH FOR NHA SEE FIG. 2.6-32	RF	35	
	8-21194-2	VALVE INSTALLATION, TANK #1 REFUEL SHUTOFF RH FOR NHA SEE FIG. 2.6-32	RF	35	
- 1	15-356-101	• VALVE ASSY, PILOT OPERATED SHUTOFF <82267> SPEC 8-20903-1 T.O. 6J15-10-106-13 ATTACHING PARTS	1	35	
- 2	AN4H5A	• BOLT	6	35	
- 3	AN960D416L	• WASHER	6	35	
		-----X-----			
- 4	075156-4	• GASKET, <83259> SPEC 8-02287-7	1	35	
- 5	3655-24D	• COUPLING, <79326> 92-72501-008	1	35	
- 6	MS29513-325	• PACKING	1	35	
- 7	8-21195	• TUBE ASSY, WELDED	1	35	
- 8	8-21196-1	• TUBE ASSY, FUEL TRANSFER AND REFUELING LH WELDED	1	35	
	8-21196-2	• TUBE ASSY, FUEL TRANSFER AND REFUELING RH WELDED	1	35	
- 9	8-21194-9	• VALVE ASSY, LH	1	35	
	8-21194-10	• VALVE ASSY, RH	1	35	
		ATTACHING PARTS			
- 10	NAS679A3	• NUT	RF	35	
- 11	AN960D10L	• WASHER	RF	35	
- 12	AN3-4A	• BOLT	RF	35	
		-----X-----			
- 13	1D1X1-1	• VALVE ASSY, FUEL SHUTOFF <92250> SPEC 8-09916-3 T.O. 6J15-10-127-3 ATTACHING PARTS	2	35	
- 14	NAS679A3	• NUT	4	35	
- 15	AN960D10L	• WASHER	8	35	
- 16	NAS221-11	• SCREW	4	35	
		-----X-----			
- 17	MS21903-4D	• UNION	1	35	
- 18	AN924-4D	• NUT	1	35	
- 19	MS29512-4	• GASKET	2	35	
- 20	8-21194-7	• SUPPORT, LH	1	35	
	8-21194-8	• SUPPORT, RH	1	35	

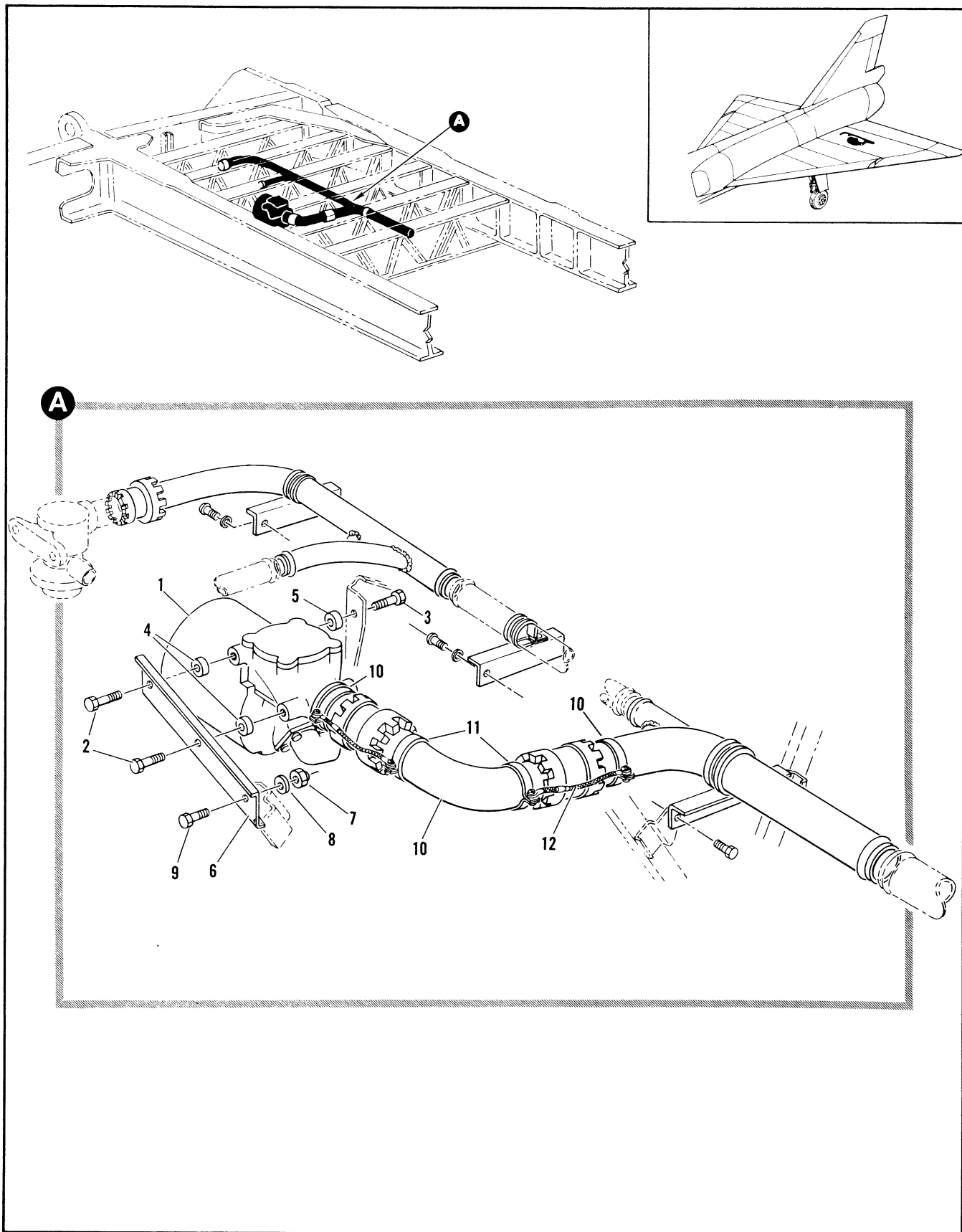


Figure 2.12-25. Transfer Tank Vent Valve Installation (Sheet 1 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-25	8-21163-801	VALVE INSTALLATION, TRANSFER TANK VENT LH FOR NHA SEE FIG. 2-6-32	RF	35	188
	8-21163-803	VALVE INSTALLATION, TRANSFER TANK VENT LH FOR NHA SEE FIG. 2-6-32	RF	189	277
	8-21163-805	VALVE INSTALLATION, TRANSFER TANK VENT LH FOR NHA SEE FIG. 2-6-32	RF	278	
	8-21163-802	VALVE INSTALLATION, TRANSFER TANK VENT RH FOR NHA SEE FIG. 2-6-32	RF	35	188
	8-21163-804	VALVE INSTALLATION, TRANSFER TANK VENT RH FOR NHA SEE FIG. 2-6-32	RF	189	277
- 1	8-105455	*1 VALVE ASSY, TRANSFER TANK VENT <75361> SPEC 8-20390-9 T.O. 6J15-8-94-3	1	35	
	8-105455	*1 VALVE ASSY, TRANSFER TANK VENT <75361> SPEC 8-20390-9 T.O. 6J15-8-94-3 ALT INTCHS WITH 8-105455 ATTACHING PARTS	RF	35	
- 2	AN4-5A	• BOLT	2	35	
- 3	AN4-5A	• BOLT	1	A	
- 3	AN4-6A	• BOLT	1	189	277
- 4	NAS43DD4-16	• SPACER	2	A	
	NAS43DD4-18	• SPACER	2	189	277
- 5	NAS43DD4-18	• SPACER	1	A	
	NAS43DD4-26	• SPACER	1	189	277
- 6	8-21164-19	• BRACKET, LH	1	35	
	8-21164-20	• BRACKET, RH	1	35	
- 7	NAS679A3	• NUT, 96-37545-002	1	35	
- 8	AN960PD10	• WASHER	1	35	
- 9	AN3-4A	• BOLT	1	35	
- 10	8-21162-9	• TUBE	1	A	
	8-21162-21	• TUBE	1	189	277
- 11	AN735D16	• CLAMP	4	35	
	NAS679A3	• NUT	4	35	
	AN951D10L	• WASHER	4	35	
	AN526-103286	• SCREW	4	35	
- 12	MS25083-18B3	*2 JUMPER *2 ADDED ON AIRPLANES #35 THRU 240 PER CONVAIR REPORT CS60-112	2	35	
		A AIRPLANES #35 THRU 188, 274 AND ON			

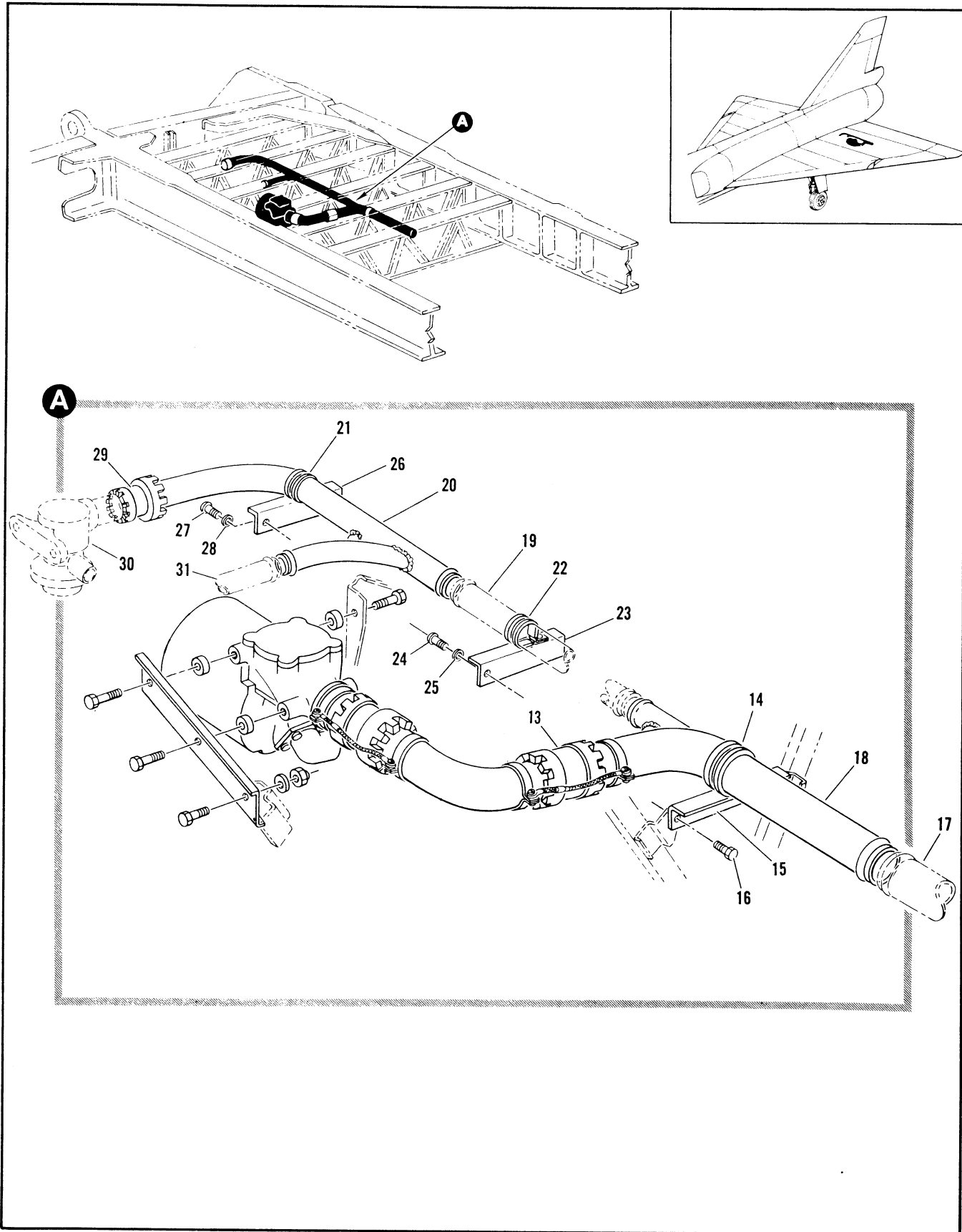


Figure 2.12-25. Transfer Tank Vent Valve Installation (Sheet 2 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-25- 13	3605-24D	• COUPLING <79326> 92-72500-C13	2		
	MS25913-325	• PACKING	4	35	
- 14	91-98026-023	• CLAMP	1	35	
	NAS679A3	ATTACHING PARTS	1	35	
	AN520-10R8	• NUT	1	35	
		• SCREW	1	35	
		-----X-----			
- 15	8-21278-41	• SUPPORT, LH	1	35	
	8-21278-42	• SUPPORT, RH	1	35	
		ATTACHING PARTS			
- 16	AN3-4A	• BOLT	2	35	
		-----X-----			
- 17		• TUBE ASSY, SEE FIG. SEE FIG. 2.12-21 INDEX 197	RF		
- 18	8-21162-11	• TUBE ASSY, LH	1	35	
	8-21162-12	• TUBE ASSY, RH	1	35	
- 19		• TUBE ASSY, LH SEE FIG. 2.12-21 INDEX 192	RF		
- 20	8-21185-1	• MANIFOLD ASSY, LH WELDED	1	A	
	8-21624-1	• MANIFOLD ASSY, LH WELDED	1	189	277
	8-21185-2	• MANIFOLD ASSY, RH WELDED	1	A	
	8-21624-2	• MANIFOLD ASSY, RH WELDED	1	189	277
- 21	91-98026-015	• CLAMP	1	35	
- 22	91-98026-015	• CLAMP	1	A	
		ATTACHING PARTS			
	NAS221-11	• SCREW	2	A	
	AN960D10L	• WASHER	2	A	
	NAS679A3	• NUT	1	189	277
	AN520-10R8	• SCREW	1	189	277
		-----X-----			
- 23	8-21163-11	• SUPPORT ASSY, LH RIVETED	1	A	
	8-21163-12	• SUPPORT ASSY, RH RIVETED	1	A	
		ATTACHING PARTS			
- 24	NAS221-8	• SCREW	2	A	
- 25	AN960D10L	• WASHER	2	A	
		-----X-----			
- 26	8-21163-23	• SUPPORT ASSY, LH RIVETED	1	A	
	8-21163-24	• SUPPORT ASSY, RH RIVETED	1	A	
		ATTACHING PARTS			
- 27	NAS221-8	• SCREW	2	A	
- 28	AN960D10L	• WASHER	2	A	
		-----X-----			
- 29	3605-16D	• COUPLING, <79326> 92-72500-017	1	35	
	MS29513-214	• PACKING	1	35	
- 30		• VALVE ASSY, FUEL TANK VENT	RF		
		SEE FIG. 2.12-1 INDEX 32			
- 31		• TUBE ASSY, SEE FIG. 2.12-21 INDEX 187	RF		

A AIRPLANES #35 THRU 188, 278 AND ON

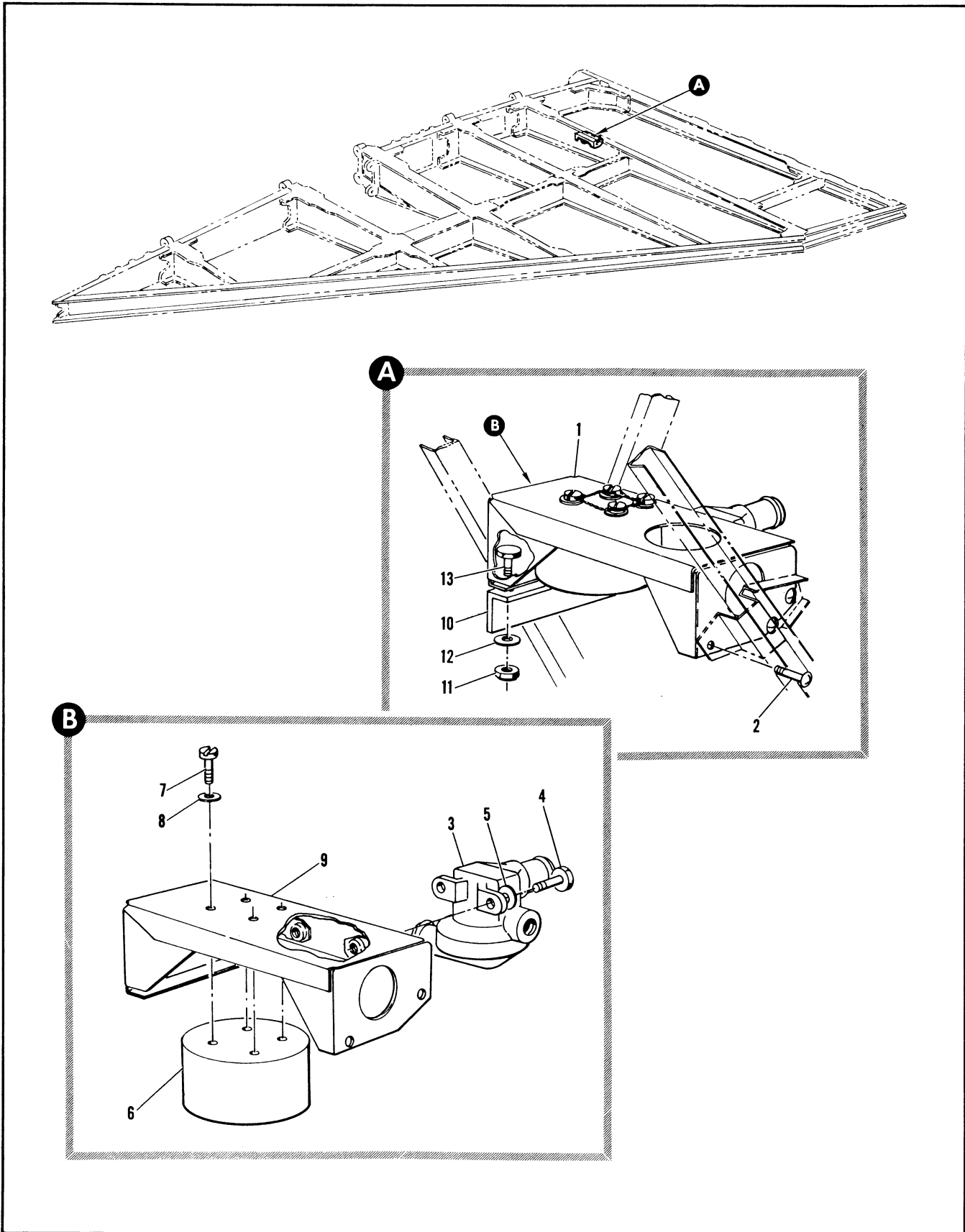


Figure 2.12-26. Transfer Tank Refuel Pilot and Vent Valve Installation LH

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-26	8-21183-1	VALVE INSTALLATION, TRANSFER TANK REFUEL PILOT AND VENT LH FOR NHA SEE FIG. 2.6-32	RF	A	
	8-21183-801	VALVE INSTALLATION, TRANSFER TANK REFUEL PILOT AND VENT LH FOR NHA SEE FIG. 2.6-32	RF	189	277
	8-21183-3	VALVE INSTALLATION, TRANSFER TANK REFUEL PILOT AND VENT RH FOR NHA SEE FIG. 2.6-32	RF	A	
	9-21183-803	VALVE INSTALLATION, TRANSFER TANK REFUEL PILOT AND VENT RH FOR NHA SEE FIG. 2.6-32	PF	189	277
- 1	8-21183-37	• VALVE ASSY, LH	1	35	
	8-21183-38	• VALVE ASSY, RH	1	35	
- 2	NAS221-5	ATTACHING PARTS	4	35	
		• SCREW			
		-----X-----			
- 3	11-5800	• VALVE ASSY, FUEL TANK VENT REFUELING <96736> SPEC 8-00947 T.O. 6J15-8-72-3 REPLACED BY SUITABLE SUB 11-5800-1	1	35	129
	11-5800-1	• VALVE ASSY, FUEL TANK VENT REFUELING <96736> SPEC 8-00947-1 REPLACES SUITABLE SUB FOR 11-5800	1	130	
		ATTACHING PARTS			
- 4	NAS221-9	• SCREW	4	35	
- 5	AN960D10L	• WASHER	2	35	
		-----X-----			
- 6	16-356-1	• VALVE ASSY, FUEL TANK PILOT FLOAT (92003) SPEC 8-00904 T.O. 6J15-5-19-3	1	35	
	909555	• VALVE ASSY, FUEL TANK PILOT FLOAT (92003) SPEC 8-00904 T.O. 6J15-3-75-13	1	35	
		ATTACHING PARTS			
- 7	AN502-10-4	• BOLT	4	35	
- 8	AN960D10L	• WASHER	4	35	
		-----X-----			
- 9	8-21183-35	• SUPPORT ASSY, LH RIVETED	1	35	
	8-21183-36	• SUPPORT ASSY, RH RIVETED	1	35	
- 10	8-21183-11	• ANGLE, LH	1	A	
	8-21183-43	• ANGLE, LH	1	189	277
	8-21183-12	• ANGLE, RH	1	A	
	8-21183-44	• ANGLE, RH	1	189	277
- 11	702M02	• NUT, <72962> 96-37550-001	2	35	
- 12	AN960D10L	• WASHER	2	35	
- 13	AN3-3A	• BOLT	2	35	
A AIRPLANES #35 THRU 188, 278 AND ON					

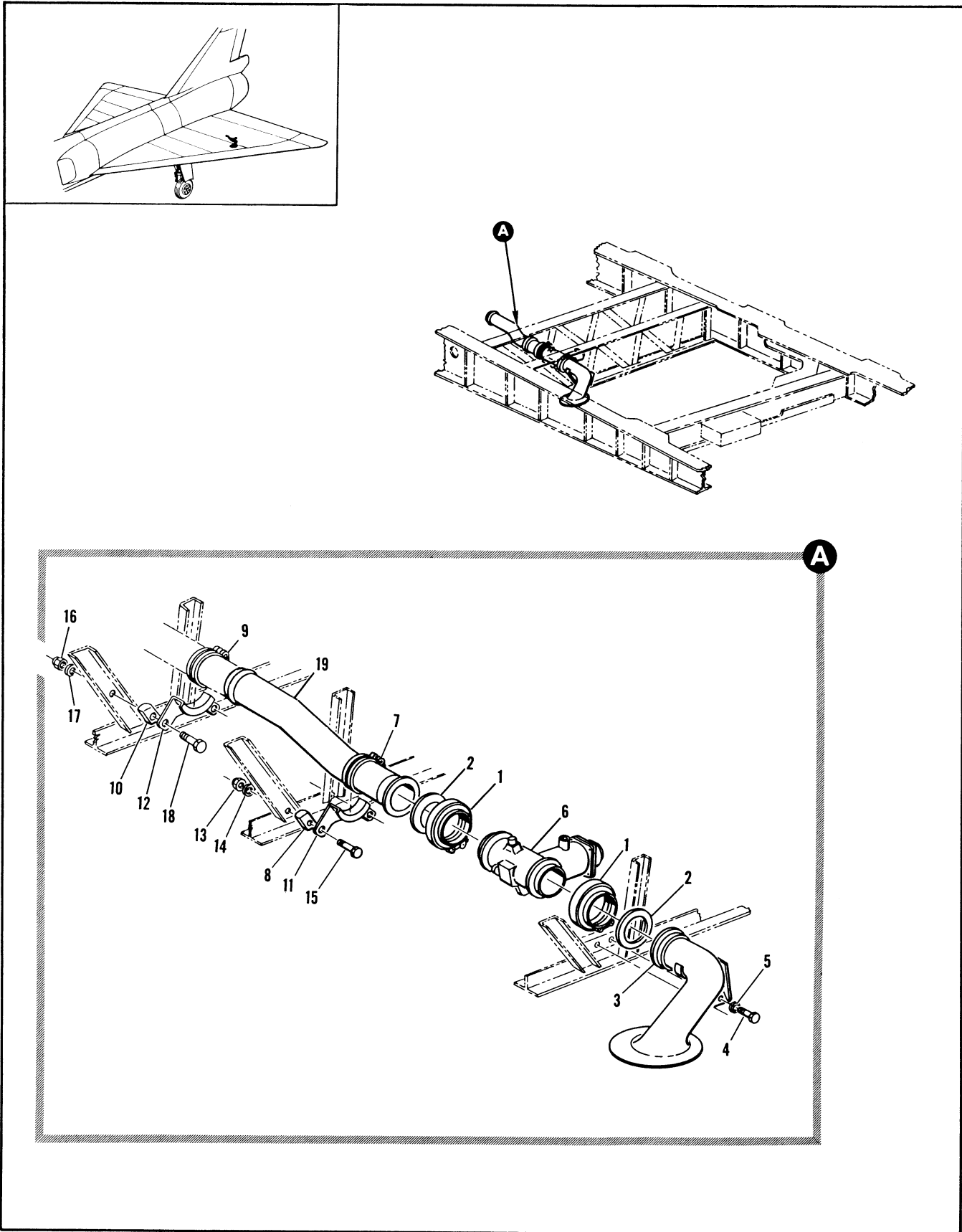


Figure 2.12-27. Transfer Tank Outboard Shutoff Valve Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-27	8-21271-3	VALVE INSTALLATION, TRANSFER TANK OUTBD SHUTOFF LH FOR NHA SEE FIG. 2.6-32	RF	A	
	8-21271-801	VALVE INSTALLATION, TRANSFER TANK OUTBD SHUTOFF LH FOR NHA SEE FIG. 2.6-32	RF	189	277
	8-21271-4	VALVE INSTALLATION, TRANSFER TANK OUTBD SHUTOFF RH FOR NHA SEE FIG. 2.6-32	RF	A	
	8-21271-802	VALVE INSTALLATION, TRANSFER TANK OUTBD SHUTOFF RH FOR NHA SEE FIG. 2.6-32	RF	189	277
- 1	4368-331SH	• COUPLING, <98625> 92-73003-009	2	35	
- 2	974856-1	• GASKET, <83259> SPEC 8-00274-1	2	35	
- 3	8-21588-1	• BELLMOUTH ASSY, LH WELDED REPLACED BY SUITABLE SUB 8-21602-1	1	48	48
	8-21602-1	• BELLMOUTH ASSY, LH WELDED REPLACES SUITABLE SUB FOR 8-21588-1	1	B	
	8-21618-1	• BELLMOUTH ASSY, LH WELDED	1	189	277
	8-21588-2	• BELLMOUTH ASSY, RH WELDED REPLACED BY SUITABLE SUB 8-21602-2	1	48	48
	8-21602-2	• BELLMOUTH ASSY, RH WELDED REPLACES SUITABLE SUB FOR 8-21588-2	1	B	
	8-21618-2	• BELLMOUTH ASSY, RH WELDED REPLACES NOT INTCHG WITH 8-21618-2	1	89	277
- 4	AN3-4A	• BOLT	2	35	277
	AN3-3A	• BOLT	2	278	
- 5	AN960D10L	• WASHER -----X-----	2	35	277
	502000				
- 6	503100-9	• VALVE ASSY, TRANSFER TANK OUTBD SHUTOFF <96124> SPEC 9-02274-9 T.O. 6J15-3-71-13	1	35	240
- 7	50230C75-258M	• CLAMP, <98625> 91-97802-041	1	35	
- 8	2-28277-7	• CUSHION	1	35	
- 9	50230C75-258M	• CLAMP, <98625> 91-97802-041	2	189	277
- 10	8-28277-7	• CUSHION	2	189	277
- 11	8-21118-7	• BRACKET, LH	1	A	
	8-21118-15	• BRACKET, LH	1	189	277
	8-21118-8	• BRACKET, RH	1	A	
	8-21118-16	• BRACKET, RH	1	189	277
- 12	8-21118-19	• BRACKET, LH	1	189	277
	8-21118-20	• BRACKET, RH ATTACHING PARTS	1	189	277
- 13	NAS679A3	• NUT	2	35	
- 14	AN960D10L	• WASHER	2	189	277
- 15	AN3-7A	• BOLT	2	A	
	AN3-4A	• BOLT	2	189	277
- 16	NAS679A3	• NUT	2	189	277
- 17	AN960D10L	• WASHER	2	189	277
- 18	AN3-4A	• BOLT	2	189	277
		-----X-----			
- 19	8-21586	• TUBE ASSY, WELDED REPLACED BY NOT INTCHG WITH 8-21586-1	1	A	
	8-21586-1	• TUBE ASSY, WELDED REPLACES NOT INTCHG WITH 8-21586	1	189	277
		A AIRPLANES #35 THRU 188, 278 AND ON B AIRPLANES #35 THRU 47, 49 THRU 188, 278 AND ON			

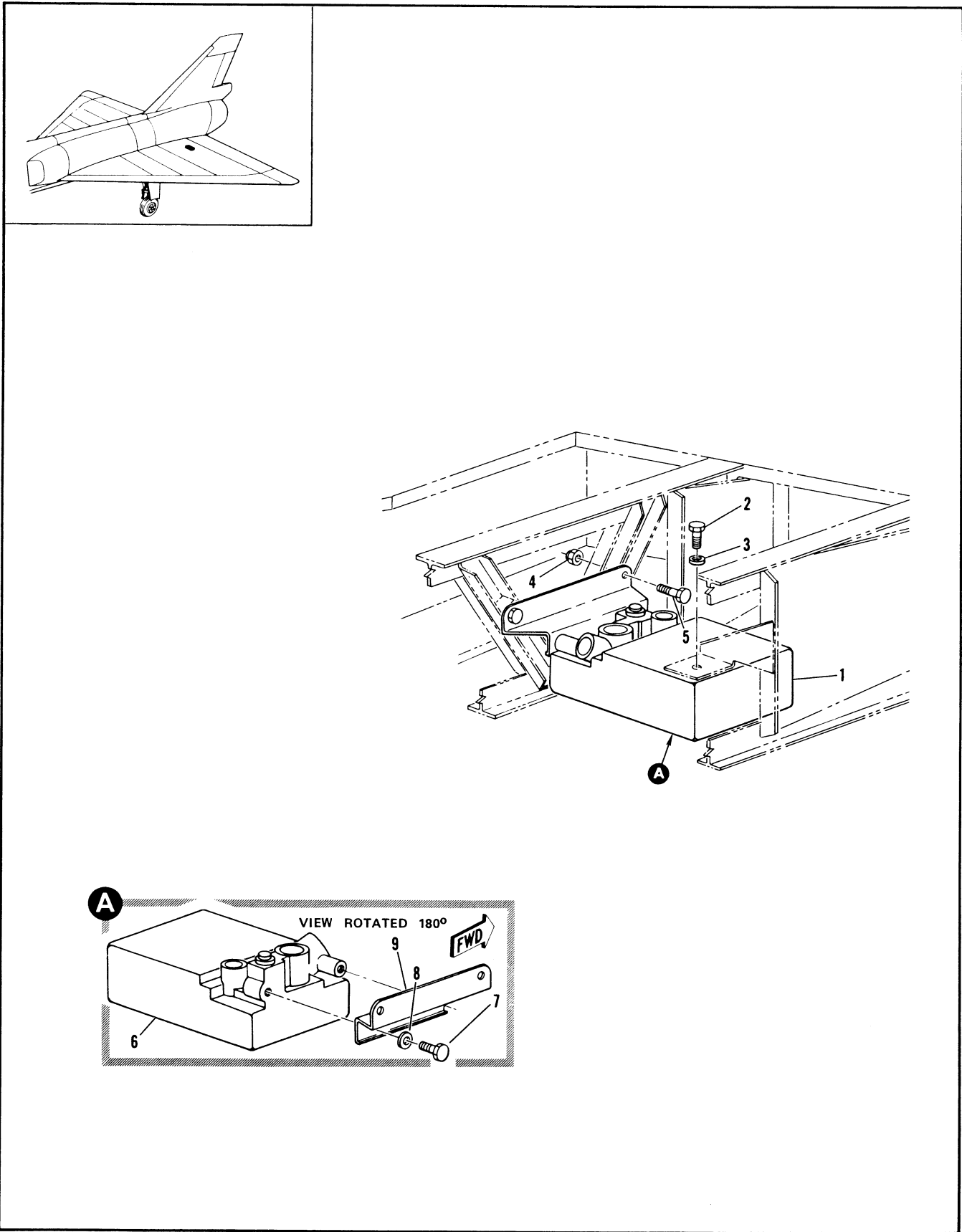


Figure 2.12-28. Transfer Tank Inboard Pilot Valve Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE		
				FROM	TO	
2.12-28	8-21179-1	VALVE INSTALLATION, TRANSFER TANK INBD PILOT LH FOR NHA SEE FIG. 2.6-32	RF	35	188	
	8-21179-3	VALVE INSTALLATION, TRANSFER TANK INBD PILOT LH FOR NHA SEE FIG. 2.6-32	RF	189	277	
	8-21179-5	• VALVE INSTALLATION, TRANSFER TANK INBD PILOT LH FOR NHA SEE FIG. 2.6-32	RF	278		
	8-21179-2	VALVE INSTALLATION, TRANSFER TANK INBD PILOT RH FOR NHA SEE FIG. 2.6-32	RF	35	188	
	8-21179-4	VALVE INSTALLATION, TRANSFER TANK INBD PILOT RH FOR NHA SEE FIG. 2.6-32	RF	189	277	
	8-21179-6	VALVE INSTALLATION, TRANSFER TANK INBD PILOT RH FOR NHA SEE FIG. 2.6-32	RF	278		
	- 1	8-21179-7	• VALVE ASSY, TRANSFER TANK INBD PILOT LH	1	35	129
		8-21179-11	• VALVE ASSY, TRANSFER TANK INBD PILOT LH	1	139	188
		8-21179-15	• VALVE ASSY, TRANSFER TANK INBD PILOT LH	1	189	249
		8-21179-17	• VALVE ASSY, TRANSFER TANK INBD PILOT LH	1	241	277
		8-21179-19	• VALVE ASSY, TRANSFER TANK INBD PILOT LH	1	278	
		8-21179-8	• VALVE ASSY, TRANSFER TANK INBD PILOT RH	1	35	129
		8-21179-12	• VALVE ASSY, TRANSFER TANK INBD PILOT RH	1	139	188
		8-21179-16	• VALVE ASSY, TRANSFER TANK INBD PILOT RH	1	189	249
		8-21179-18	• VALVE ASSY, TRANSFER TANK INBD PILOT RH	1	241	277
		8-21179-20	• VALVE ASSY, TRANSFER TANK INBD PILOT RH ATTACHING PARTS	1	278	
	- 2	AN3H4A	• BOLT	1	35	
		AN960D10L	• WASHER	1	35	
	- 3	AN960D10L	• NUT	2	35	
	- 4	NAS679A3	• BOLT	2	A	
- 5	AN3-7A	• BOLT	2	189	277	
	NAS623-3-1	• SCREW	2	189	277	
- 6	762200-7	• VALVE ASSY, FUEL TRANSFER PILOT <96124> SPEC 8-02443-7 T.O. 5J15-3-78-3 ATTACHING PARTS	1	35		
- 7	AN3H4A	• BOLT	2	35		
- 8	AN960D10L	• WASHER	2	35		
- 9	8-21179-9	• SUPPORT, LH	1	A		
	8-21179-13	• SUPPORT, LH	1	189	277	
	8-21179-10	• SUPPORT, RH	1	A		
	8-21179-14	• SUPPORT, RH	1	189	277	

A AIRPLANES #35 THRU 188, 278 AND ON

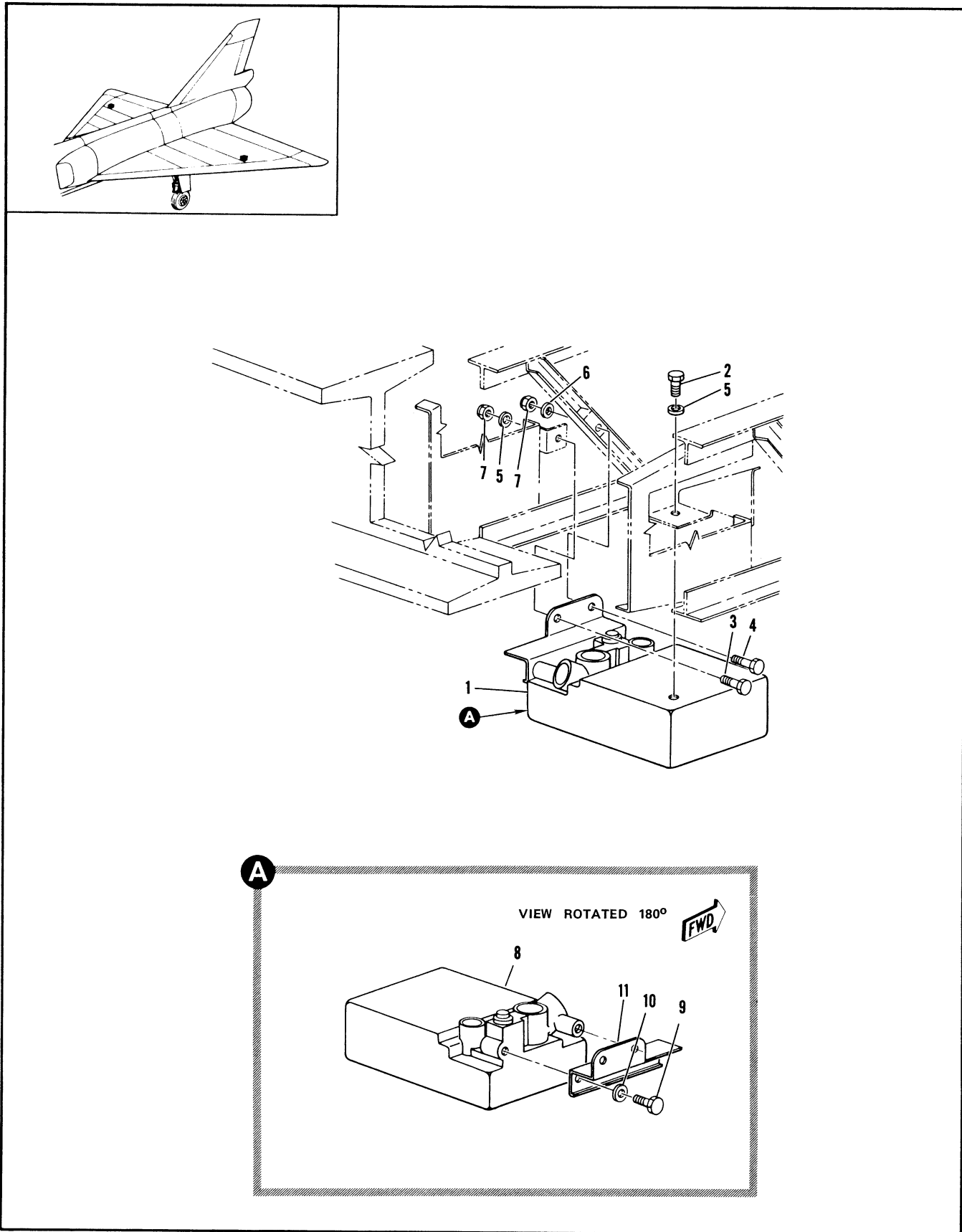


Figure 2.12-29. Transfer Tank Outboard Pilot Valve Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE		
				FROM	TO	
2.12-29	8-21180-1	VALVE INSTALLATION, TRANSFER TANK OUTBD PILOT LH FOR NHA SEE FIG. 2.6-32	RF	35	188	
	8-21180-3	VALVE INSTALLATION, TRANSFER TANK OUTBD PILOT LH FOR NHA SEE FIG. 2.6-32	RF	189	277	
	8-21180-5	VALVE INSTALLATION, TRANSFER TANK OUTBD PILOT LH FOR NHA SEE FIG. 2.6-32	RF	278		
	8-21180-2	VALVE INSTALLATION, TRANSFER TANK OUTBD PILOT RH FOR NHA SEE FIG. 2.6-32	RF	35	188	
	8-21180-4	VALVE INSTALLATION, TRANSFER TANK OUTBD PILOT RH FOR NHA SEE FIG. 2.6-32	RF	189	277	
	8-21180-6	VALVE INSTALLATION, TRANSFER TANK OUTBD PILOT RH FOR NHA SEE FIG. 2.6-32	RF	278		
	- 1	8-21180-9	• VALVE ASSY, TRANSFER TANK OUTBD PILOT LH	1	35	129
		8-21180-11	• VALVE ASSY, TRANSFER TANK OUTBD PILOT LH	1	133	188
		8-21180-15	• VALVE ASSY, TRANSFER TANK OUTBD PILOT LH	1	189	240
		8-21180-17	• VALVE ASSY, TRANSFER TANK OUTBD PILOT LH	1	241	277
		8-21180-19	• VALVE ASSY, TRANSFER TANK OUTBD PILOT LH	1	278	
		8-21180-10	• VALVE ASSY, TRANSFER TANK OUTBD PILOT RH	1	35	129
		8-21180-12	• VALVE ASSY, TRANSFER TANK OUTBD PILOT RH	1	133	188
		8-21180-16	• VALVE ASSY, TRANSFER TANK OUTBD PILOT RH	1	189	240
		8-21180-18	• VALVE ASSY, TRANSFER TANK OUTBD PILOT RH	1	241	277
		8-21180-20	• VALVE ASSY, TRANSFER TANK OUTBD PILOT RH ATTACHING PARTS	1	278	
	- 2	AN3H4A	• BOLT	1	35	
	- 3	AN3-4A	• BOLT	1	A	
	- 4	AN3-7A	• BOLT	2	189	277
	- 5	AN960D10	• WASHER	2	35	
- 6	AN960D10	• WASHER	1	189	277	
- 7	NAS679A3	• NUT	2	35		
- 8	762200-7	• VALVE ASSY, FUEL TRANSFER PILOT <96124> SPEC 8-02443-7 T.O. 6J15-3-78-3 ATTACHING PARTS	1	35		
- 9	AN3H3A	• BOLT	2	35		
- 10	AN960D10L	• WASHER	2	35		
- 11	8-21180-7	• SUPPORT, LH	1	A		
	8-21180-13	• SUPPORT, LH	1	189	277	
	8-21180-8	• SUPPORT, RH	1	A		
	8-21180-14	• SUPPORT, RH	1	189	277	

A AIRPLANES #75 THRU 188, 278 AND ON

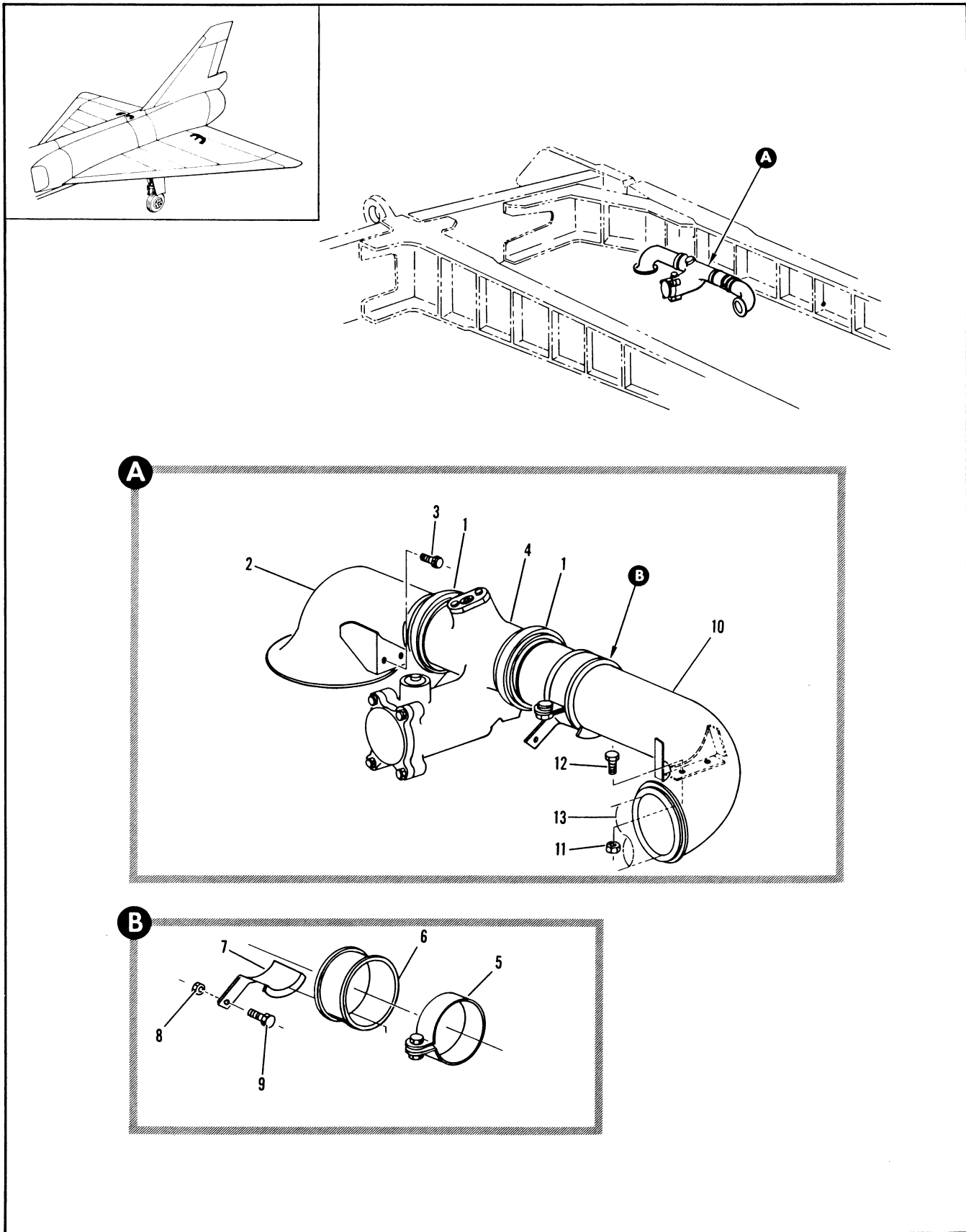


Figure 2.12-30. Transfer Tank Inboard Shutoff Valve Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-30	8-21525-3	VALVE INSTALLATION, TRANSFER TANK INBOARD SHUTOFF LH MODIFIED BY 8-21837 FOR NHA SEE FIG. 2.6-32	RF	A	
	8-21525-4	VALVE INSTALLATION, TRANSFER TANK INBOARD SHUTOFF RH MODIFIED BY 8-21838 FOR NHA SEE FIG. 2.6-32	RF	A	
- 1	4368-331SH	• COUPLING, <98625> 92-73003-009	2	A	
	074856-1	• GASKET, <83259> SPEC 8-00274-1	2	A	
- 2	8-21587-1	• BELLMOUTH ASSY, LH WELDED REPLACED BY SUITABLE SUR 8-21600-1	1	49	48
	8-21600-1	• BELLMOUTH ASSY, LH WELDED REPLACES SUITABLE SUB FOR 8-21587-1 REPLACED BY NOT INTCHG WITH 8-21617-1	1	A	
	8-21600-2	• BELLMOUTH ASSY, RH WELDED REPLACES SUITABLE SUB FOR 8-21587-2 REPLACED BY NOT INTCHG WITH 8-21617-2	1	A	
- 3	AN3-3A	• ATTACHING PARTS	2	A	
		• BOLT			
		-----X-----			
- 4	503100-9	• VALVE ASSY, TRANSFER TANK INBD SHUTOFF 95124 SPEC 8-02274-9	1	A	
- 5	50230C75-25HM	• CLAMP, <98625> 91-97802-041	1	A	
- 6	8-28277-7	• CUSHION	1	A	
- 7	8-21118-9	• BRACKET, LH REPLACED BY NOT INTCHG WITH 8-21118-21	1	A	
	8-21118-10	• BRACKET, RH REPLACED BY NOT INTCHG WITH 8-21118-22	1	A	
		• ATTACHING PARTS			
- 8	NAS679A3	• NUT	2	A	
- 9	AN3-7A	• BOLT	2	A	
		-----X-----			
- 10	8-21585-5	• TUBE ASSY, LH WELDED	1	A	
	8-21585-6	• TUBE ASSY, RH WELDED	1	A	
		• ATTACHING PARTS			
- 11	NAS679A3	• NUT	2	A	
- 12	AN3-3A	• BOLT	2	A	
		-----X-----			
- 13		• TUBE ASSY, CG SEE FIG. 2.12-21 INDEX 120	RF		
		A AIRPLANES #35 THRU 185, 278 AND ON			

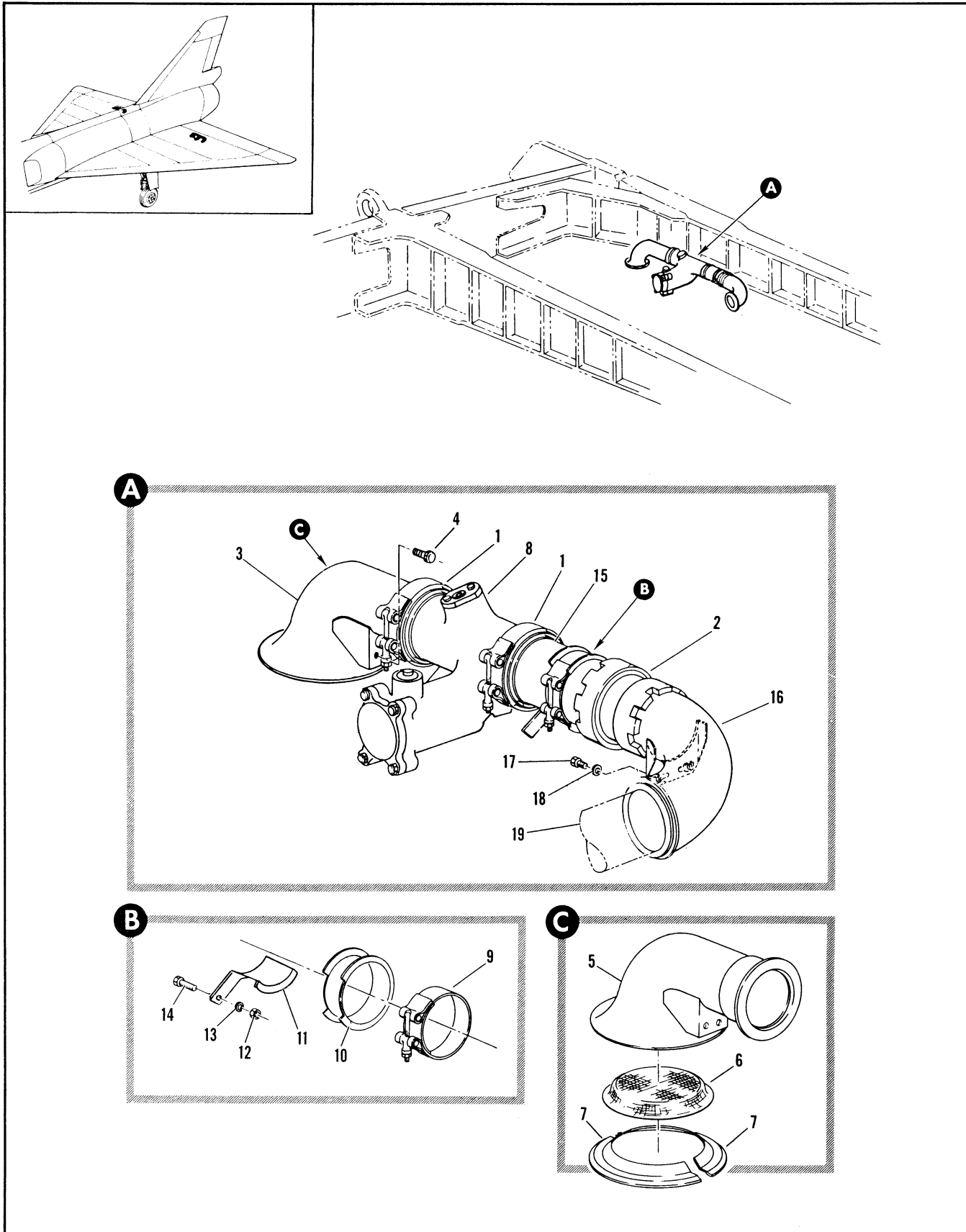


Figure 2.12-31. Transfer Tank Inboard Shutoff Valve Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-31	8-21525-5	VALVE INSTALLATION, TRANSFER TANK INBOARD SHUTOFF LH FOR NHA SEE FIG. 2.6-32	RF	189	277
	8-21525-6	VALVE INSTALLATION, TRANSFER TANK INBOARD SHUTOFF RH FOR NHA SEE FIG. 2.6-32	RF	189	277
- 1	4368-331SH	• COUPLING, <98625> 92-73003-009	2	189	277
	74856-1	• GASKET, <83259> SPEC 8-00274-1	1	189	277
- 2	3605-400	• COUPLING, <79326> 92-72500-015	2	189	277
	MS29513-333	• PACKING	1	189	277
- 3	8-21617-1	• BELLMOUTH ASSY, LH	1	189	277
	8-21617-2	• BELLMOUTH ASSY, RH	1	189	277
		ATTACHING PARTS			
- 4	AN3-4A	• BOLT	2	189	277
		-----X-----			
- 5	8-21617-13	• BELLMOUTH ASSY, LH WELDED	1	189	277
	8-21617-14	• BELLMOUTH ASSY, RH WELDED	1	189	277
- 6	8-21600-7	• SCREEN	1	189	277
- 7	8-21600-9	• RETAINER	2	189	277
- 8	503100-9	• VALVE ASSY, TRANSFER TANK INBD SHUTOFF <96124> SPEC 8-02274-9	1	189	277
- 9	50236C75-258M	• CLAMP, <98625> 91-97802-041	1	189	277
- 10	8-28277-7	• CUSHION	1	189	277
- 11	8-21118-21	• BRACKET, LH	1	189	277
	8-21118-22	• BRACKET, RH	1	189	277
		ATTACHING PARTS			
- 12	NAS679A3	• NUT	2	189	277
- 13	AN960D10	• WASHER	2	189	277
- 14	AN3-10A	• BOLT	2	189	277
		-----X-----			
- 15	8-21623	• TUBE ASSY, WELDED	1	189	240
	8-21623-3	• TUBE ASSY, WELDED	1	241	277
- 16	8-21623-1	• TUBE ASSY, LH WELDED	1	189	240
	8-21623-5	• TUBE ASSY, LH WELDED	1	241	277
	8-21623-2	• TUBE ASSY, RH WELDED	1	189	240
	8-21623-6	• TUBE ASSY, RH WELDED	1	241	277
		ATTACHING PARTS			
- 17	AN3-4A	• BOLT	2	189	277
- 18	AN960D10	• WASHER	2	189	277
		-----X-----			
- 19		• TUBE ASSY, CG SEE FIG. 2.12-21 INDEX 120	RF		

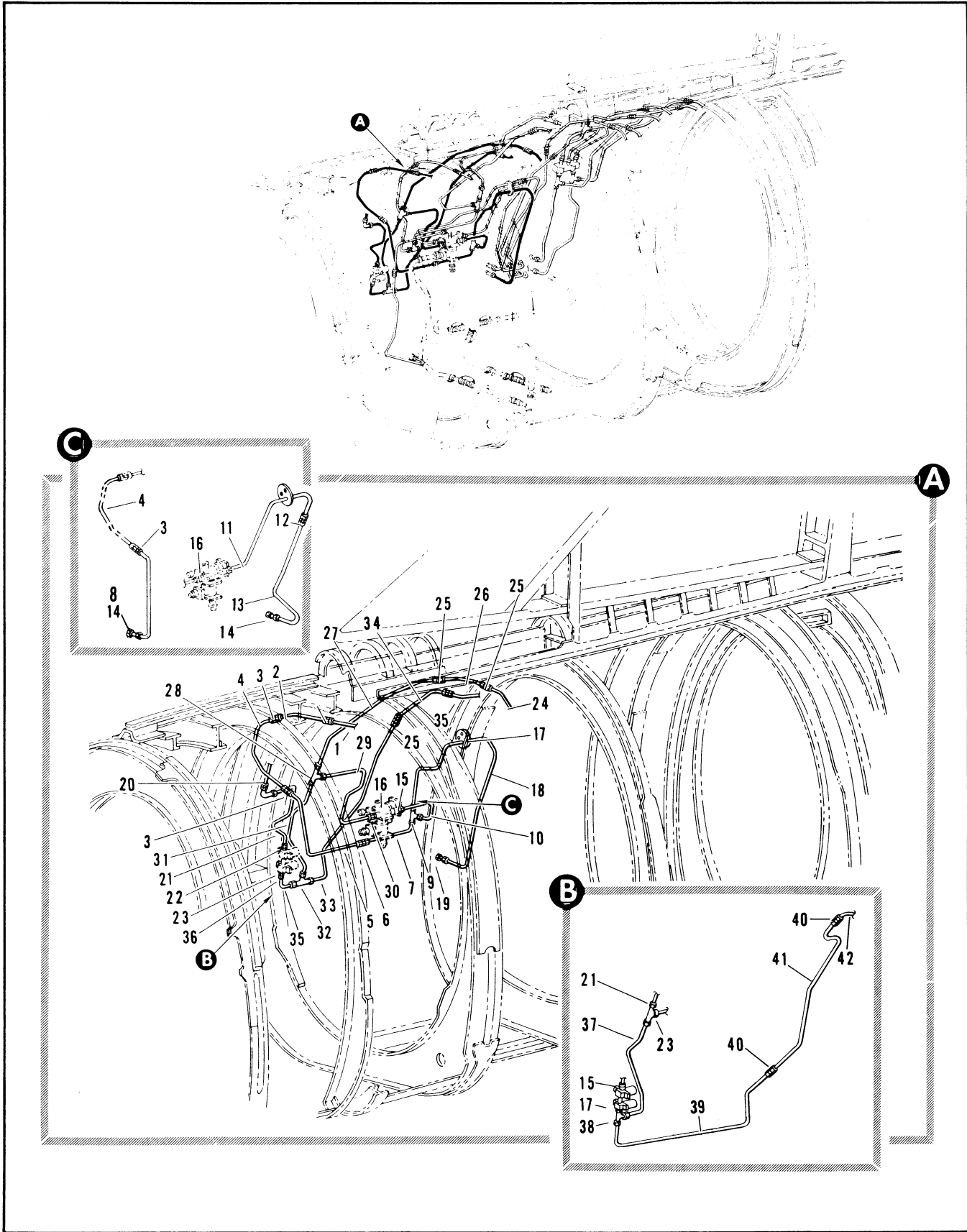


Figure 2.12-32. Fuel Tank Pressure Tubing Installation RH Sta 472 to 577 (Sheet 1 of 4)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE		
				FROM	TO	
				1	2	3	4	5	6
2.12-32	8-20397-833	TUBING INSTALLATION, FUEL TANK PRESSURE RH STA 472 TO 577 FOR NHA SEE FIG. 2.3-14	RF	35		
- 1		• TUBE ASSY, SEE FIG. 2.12-46 INDEX 203	RF			
- 2	8-20397-1437	• TUBE ASSEMBLY	1	35		
- 3	MS21902D6	• UNION	3	35		
- 4	8-20397-1439	• TUBE ASSEMBLY	1	35	159	
- 5	8-20397-1441	• TUBE ASSEMBLY	1	35	159	
- 6	MS21902D6	• UNION	1	35	159	
- 7	8-20397-1443	• TUBE ASSEMBLY	1	35		
- 8	7144792-01	• TUBE ASSY	1	35	159	
- 9	ER8240060604	• TEE, <92003> 98-90319-008	1	35	159	
- 10	8-20397-1899	• TUBE ASSEMBLY	1	160	277	
- 11	8-20397-3097	• TUBE ASSEMBLY	1	278		
	8-21834-29	• TUBE ASSEMBLY	1	160		
- 12	MS21916D6-4	• REDUCER	1	160		
- 13	8-20397-3095	• TUBE ASSEMBLY	RF			
- 14		• FITTING, TRANSFER TANK AMBIENT SENSING SEE FIG. 35 INDEX 6	1	35		
- 15	MS21902D4	• UNION	1	35		
	NAS617-4	• GASKET	RF			
- 16		• REGULATOR ASSY, AIR PRESSURE TRANSFER TANK SEE FIG. 2.12-38 INDEX 96	2	35	47	
- 17	8-28339-27	• GROMMET	1	48		
	8-28339-27	• GROMMET	1	35	159	
- 18	8-20397-1619	• TUBE ASSEMBLY	RF			
- 19		• FITTING, TRANSFER TANK AMBIENT SENSING SEE FIG. 2.12-35 INDEX 5	RF			
- 20		• TUBE ASSY, SEE FIG. 2.12-46 INDEX 37	1	35	277	
- 21	8-20397-739	• TUBE ASSEMBLY	1	278		
	8-21834-9	• TUBE ASSEMBLY	1	35		
- 22	MS21902D6	• UNION	1	35		
	NAS617-6	• GASKET	RF			
- 23		• VALVE ASSY, SEE FIG. 2.12-38 INDEX 74	RF			
- 24		• TUBE ASSY, SEE FIG. 2.12-46 INDEX 57	RF			
- 25	MS21902D6	• UNION	2	35		
- 26	8-20397-1631	• TUBE ASSEMBLY	1	35		
- 27	8-20397-729	• TUBE ASSEMBLY	1	35		
- 28	MS21905D6	• TEE	1	35		
- 29	8-20397-723	• TUBE ASSEMBLY	1	35		
- 30	MS21902D6	UNION	1	35		
	NAS617-6	• GASKET	1	35		
- 31	8-20397-733	• TUBE ASSEMBLY	1	35	47	
- 32	MS21905D6	• TEE	2	35	47	
- 33	8-20397-725	• TUBE ASSEMBLY	1	35	47	
- 34	8-20397-741	• TUBE ASSEMBLY	1	35	47	
- 35	8-20397-735	• TUBE ASSEMBLY	1	35	47	
- 36	MS21902D6	• UNION	1	35	47	
	NAS617-6	• GASKET	1	35	47	
- 37	8-20397-1569	• TUBE ASSEMBLY	1	48	57	
	8-20397-3007	• TUBE ASSEMBLY	1	4		
	AN924-6D	• NUT	1	48		
- 38	MS21912D6	• TEE	1	48		
	NAS617-6	• GASKET	1	48		
- 39	7144860-1	• TUBE ASSY	1	35		
- 40	MS21902D6	• UNION	2	43		
- 41	8-20397-658	• TUBE ASSEMBLY	1	48	277	
	8-21834-7	• TUBE ASSEMBLY	1	278		
- 42		• TUBE ASSY, SEE FIG. 2.12-46 INDEX 49	RF			

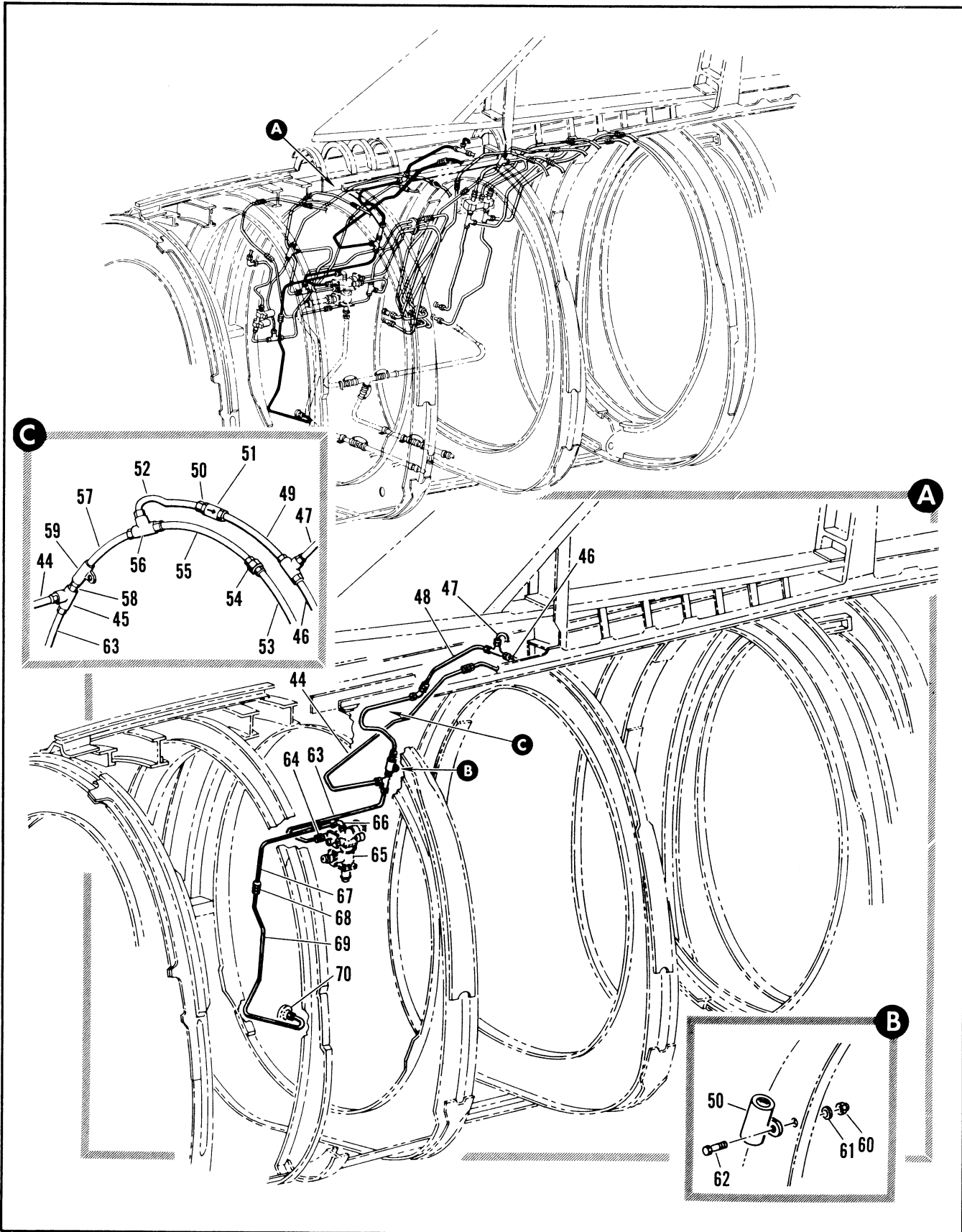


Figure 2.12-32. Fuel Tank Pressure Tubing Installation RH Sta 472 to 577 (Sheet 2 of 4)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-32- 43	MS2190204	• UNION	1	35	
- 44	8-20397-2867	• TUBE ASSMPLY	1	35	
- 45	FR8040060604	• TEE, <92003> 98-90319-034	1	35	
	AN924-6D	• NUT	1	35	
	NAS617-6	• GASKET	RF		
- 46		• TUBE ASSY, SEE FIG. 2.12-46 INDEX 45	RF		
- 47		• TUBE ASSY, SEE FIG. 2.12-46 INDEX 42	1	35	215
- 48	8-20397-717	• TUBE ASSEMBLY	1	35	
- 49	8-20397-2979	• TUBE ASSEMBLY	2	35	
- 50	MS2190206	• UNION	2	35	
	NAS617-6	• GASKET	1	35	
- 51	W535-3/8F	• VALVE ASSY, AIR CHECK <96138> SPEC 8-02998-13 ATTACHING PARTS	1		
	NAS1291-3	• NUT	1	35	
	NAS682A3	• NUT	1	35	
	99-51509-020	• WASHER	1	35	
	AN3-6A	• BOLT	1	35	
		----X----	1	35	
- 52	8-20397-2977	• TUBE ASSEMBLY	RF		
- 53		• TUBE ASSY, SEE FIG. 2.12-46 INDEX 65	1	35	
- 54	MS2190206	• UNION	1	35	
- 55	8-20397-2975	• TUBE ASSEMBLY	1	35	
- 56	MS2193906	• TEE	1	35	
	AN924-6D	• NUT	1	35	
	AN9600916	• WASHER	1	35	
- 57	8-20397-2973	• TUBE ASSEMBLY	1	35	
- 58	MS2190206	• UNION	1	35	
	NAS617-6	• GASKET	1	35	
- 59	W535-3/8F	• VALVE ASSY, AIR CHECK <96138> SPEC 8-02998-13 ATTACHING PARTS	1		
- 60	NAS1291-3	• NUT	1	35	
- 61	99-51509-020	• WASHER	1		
- 62	AN520-10F10	• SCREW	1	35	
		----X----	1	35	
- 63	8-20397-2971	• TUBE ASSEMBLY	1	35	
- 64	8-28388-9	• UNION, ORIFICE TYPE	1	35	
	NAS617-6	• GASKET	RF		
- 65		• REGULATOR ASSY, AIR PRESSURE TRANSFER TANK SEE FIG. 2.12-38 INDEX 39	1	35	
- 66	MS2190806	• ELBOW	1	35	
	AN924-6D	• NUT	1	35	
	NAS617-6	• GASKET	1	35	
- 67	8-20397-731	• TUBE ASSEMBLY	1	35	
- 68	MS2190206	• UNION	1	35	
- 69	8-20397-761	• TUBE ASSEMBLY	RF		
- 70		• ADAPTER, TRANSFER TANK AIR PRESSURE REGULATOR BLEED DRAIN STA 542 SEE FIG. 2.12-14 INDEX 6			

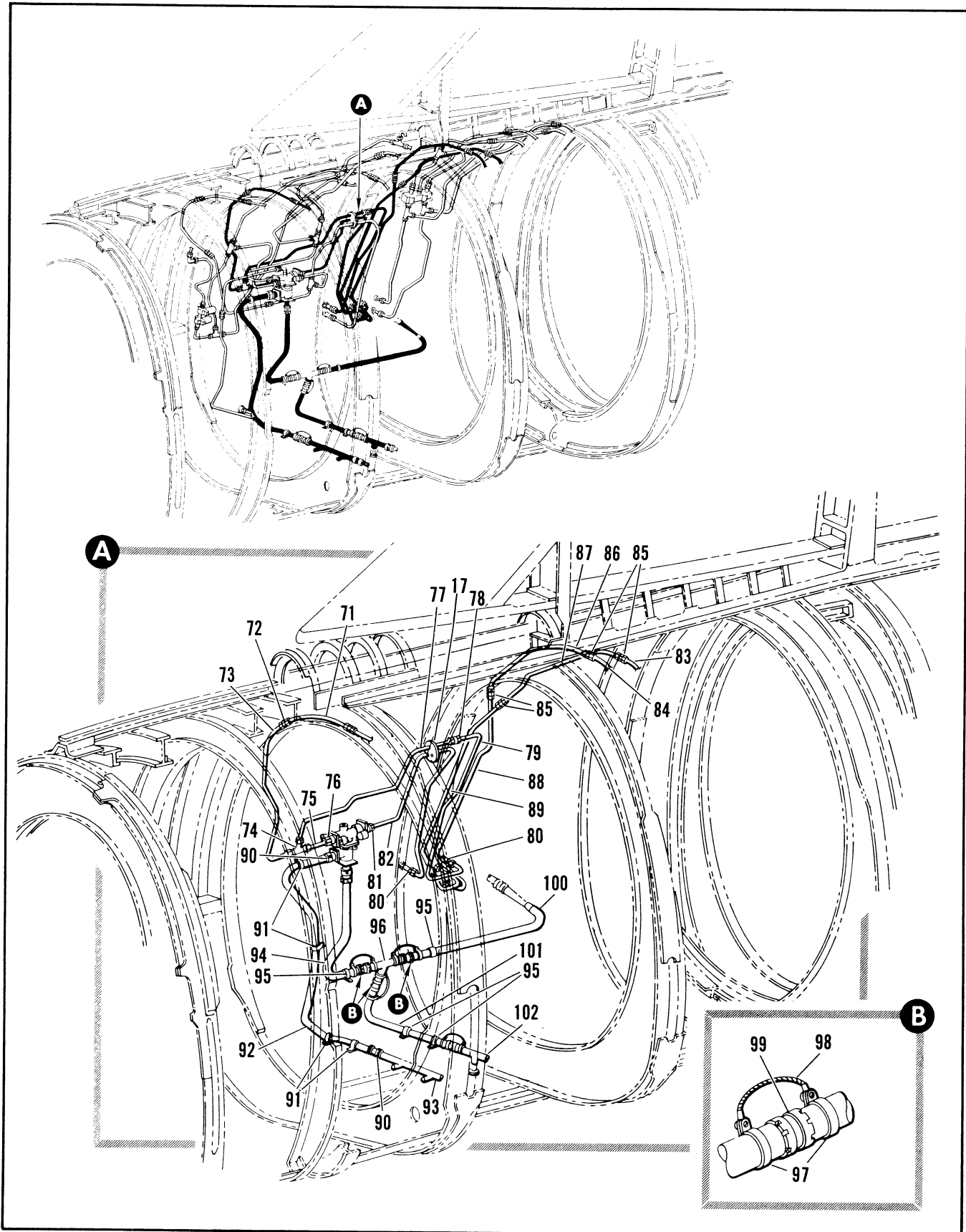


Figure 2.12-32. Fuel Tank Pressure Tubing Installation RH Sta 472 to 577 (Sheet 3 of 4)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-32- 71		• TUBE ASSY. SEE FIG. 2.12-46 INDEX 110	RF		
- 72	MS21902D6	• UNION	1	35	
- 73	8-20397-1049	• TUBE ASSEMBLY	1	35	
- 74	MS21905D6	• TEE	1	35	
- 75	8-20397-1053	• TUBE ASSEMBLY	1	35	
- 76	MS21902D6	• UNION	1	35	
	NAS617-6	• GASKET	1	35	
- 77	8-20397-1617	• TUBE ASSEMBLY	1	35	
- 78	MS21902D6	• UNION	1	35	
- 79	8-20397-681	• TUBE ASSEMBLY	RF		
- 80		• FITTING, TRANSFER TANK AMBIENT SENSING SEE FIG. 2.12-37 INDEX 5			
		• UNION	1	35	
- 81	MS21902D4	• GASKET	1	33	
	MS29512-4	• TUBE ASSEMBLY	1	35	
- 82	8-20397-1623	• TUBE ASSEMBLY	RF		
- 83		• TUBE ASSY. SEE FIG. 2.12-46 INDEX 124	RF		
- 84		• TUBE ASSY. SEE FIG. 2.12-46 INDEX 123	4	35	
- 85	MS21902D6	• UNION	1	35	
- 86	8-20397-1575	• TUBE ASSEMBLY	1	35	
- 87	8-20397-1583	• TUBE ASSEMBLY	1	35	
- 88	8-20397-1577	• TUBE ASSEMBLY	1	35	
- 89	8-20397-1585	• TUBE ASSEMBLY	2	35	
- 90	NAS594-20	• FITTING	2	35	
	NAS595-20	• RING	4	35	
- 91	91-98026-019	• CLAMP	1	35	
- 92	8-20397-641	• TUBE ASSEMBLY	RF		
- 93		• TUBE, FUEL TANK PRESSURE SEE FIG. 2.12-58 INDEX 26			
		• TUBE ASSY	1	35	
- 94	8-20397-3035	• CLAMP	4	35	
- 95	91-98026-019	• TEE, FIG. 2.12-58 INDEX 36	RF		
- 96		• CLAMP	6	35	
- 97	AN735D20	ATTACHING PARTS			
		• NUT	6	35	
	NAS679A3	• WASHER	6	35	
	AN960D10L	• SCREW	6	35	
	AN526-1032R6	----X----			
- 98	MS25083-1RB3	• JUMPER	3	35	
- 99	3605-20D	• COUPLING (79326) 92-72500-006	3	35	
	2-218S418-6	• PACKING, REPLACED BY NAS1593-218			
	NAS1593-218	• PACKING, REPLACES 2-218S418-6	RF		
-100		• TUBE ASSY, PRESSURE INTAKE TANK SEE FIG. 2.12-58 INDEX 38			
		• TUBE ASSY	1	B	
-101	8-20397-3039	• TUBE ASSEMBLY	1	C	
-102	8-21834-13	• TUBE ASSY, REGULATOR CROSSOVER DRAIN WELDED SEE FIG. 2.12-58 INDEX 41	RF		
		B AIRPLANES #35 THRU 47, 103 THRU 277			
		C AIRPLANES #48 THRU 102, 278 AND ON			

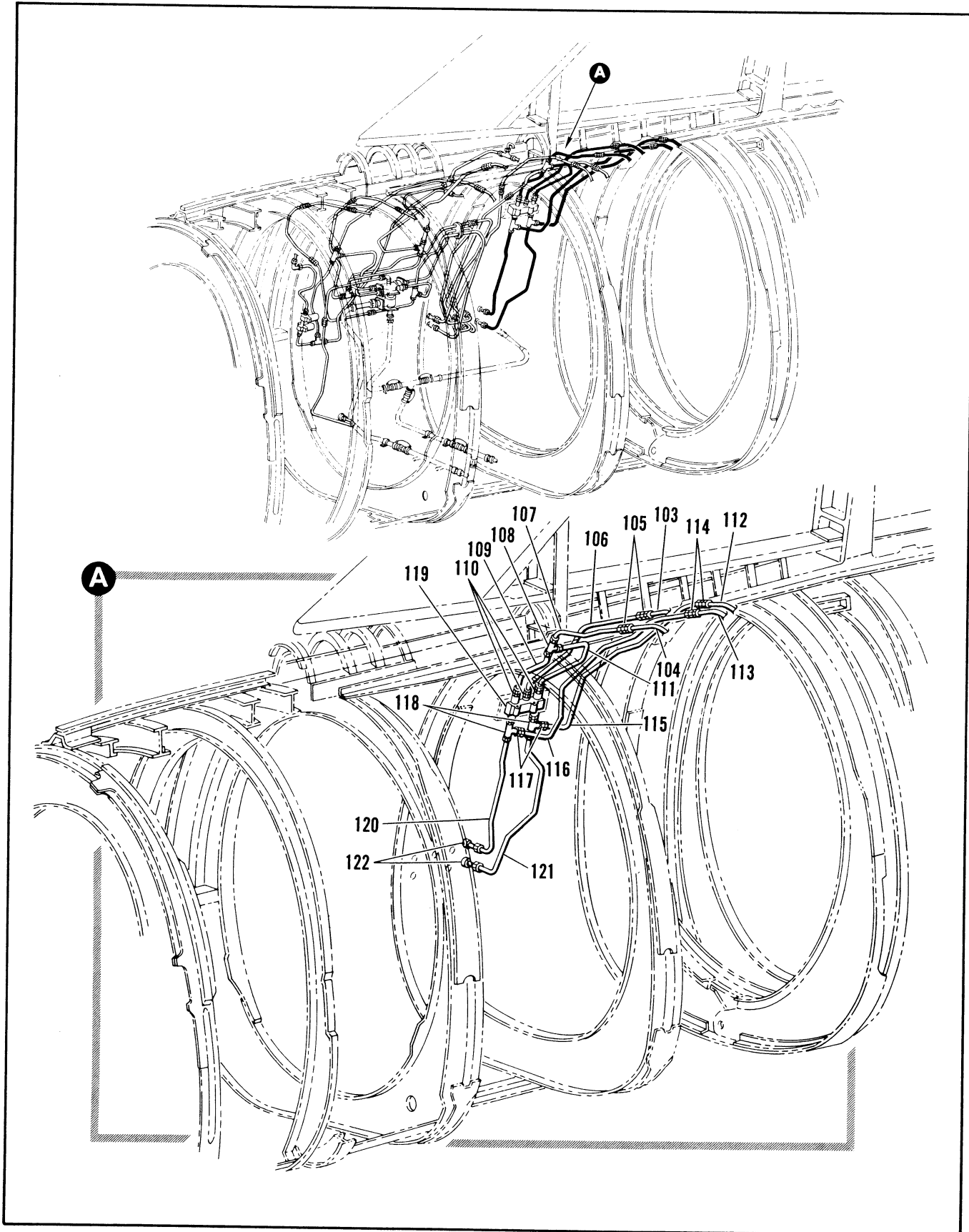


Figure 2.12-32. Fuel Tank Pressure Tubing Installation RH Sta 472 to 577 (Sheet 4 of 4)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-32-103		• TUBE ASSY, SEE FIG. 2.12-46 INDEX 152	RF		
-104		• TUBE ASSY, SEE FIG. 2.12-46 INDEX 153	RF		
-105	MS21902D6	• UNION	2	35	
-106	8-20397-663	• TUBE ASSEMBLY	1	35	
-107	8-20397-624	• TUBE ASSEMBLY	1	35	
-108	MS21905D6	• TEE	1	35	
-109	8-20397-622	• TUBE ASSEMBLY	3	35	
-110	MS21902D6	• UNION	3	35	
	NAS617-6	• GASKET	1	35	
-111	8-20397-620	• TUBE ASSEMBLY	RF		
-112		• TUBE ASSY, SEE FIG. 2.12-46 INDEX 176	RF		
-113		• TUBE ASSY, SEE FIG. 2.12-46 INDEX 175	2	35	
-114	MS21902D6	• UNION	1	35	
-115	8-20397-1393	• TUBE ASSEMBLY	1	35	
-116	8-20397-1401	• TUBE ASSEMBLY	2	35	
-117	MS21916D6-4	• REDUCER	2	35	
	AN924-6D	• NUT	2	35	
-118	MS21910D6	• TEE	2	35	
	NAS617-6	• GASKET	RF		
-119		• VALVE ASSY, SEE FIG. 2.12-38 INDEX 97	1	35	
-120	8-20397-1493	• TUBE ASSEMBLY	1	35	
-121	8-20397-1491	• TUBE ASSEMBLY	RF		
-122		• FITTING, TRANSFER TANK AMBIENT SENSING SEE FIG. 2.12-35 INDEX 5 AND 6			

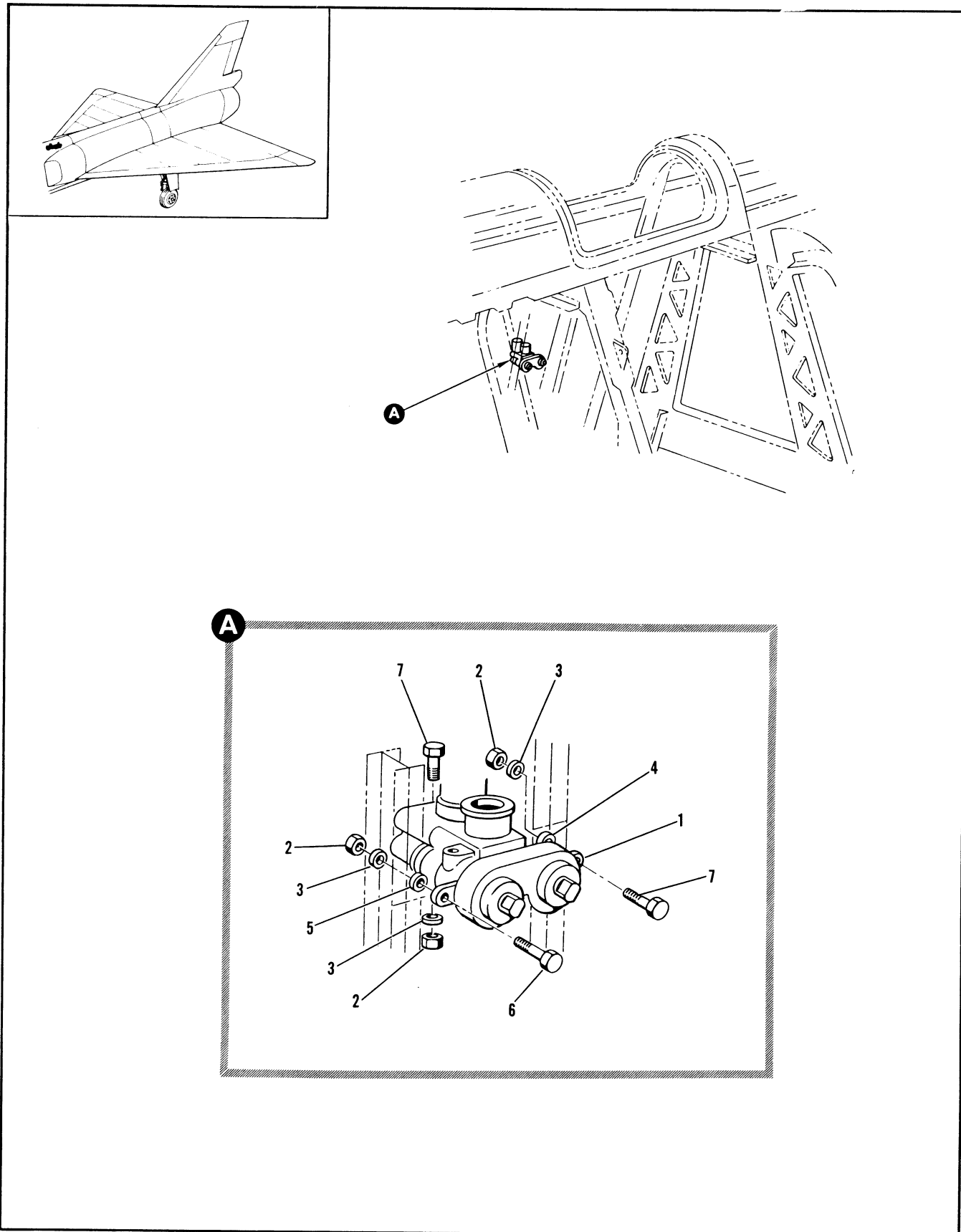


Figure 2.12-33. Emergency Fuel Transfer Valve Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-33 - 1 - 2 - 3 - 4 - 5 - 6 - 7	8-85029-3	VALVE INSTALLATION, EMERGENCY FUEL TRANSFER FOR NHA SEE FIG. 2.3-11 INDEX 10	RF	35	
	108-001-501	• VALVE ASSY, FUEL TRANSFER REGULATOR AND RELIEF <95950> SPEC 8-00422-5 T.O. 9P5-5-79-3 ATTACHING PARTS	1	35	
	NAS679A3	• NUT	3	35	
	AN960PD15L	• WASHER	3	35	
	8-85029-15	• SPACER	1	35	
	8-85029-13	• SPACER	1	35	
	AN3-10A AN3-7A	• BOLT • BOLT -----X-----	1 2	35 35	

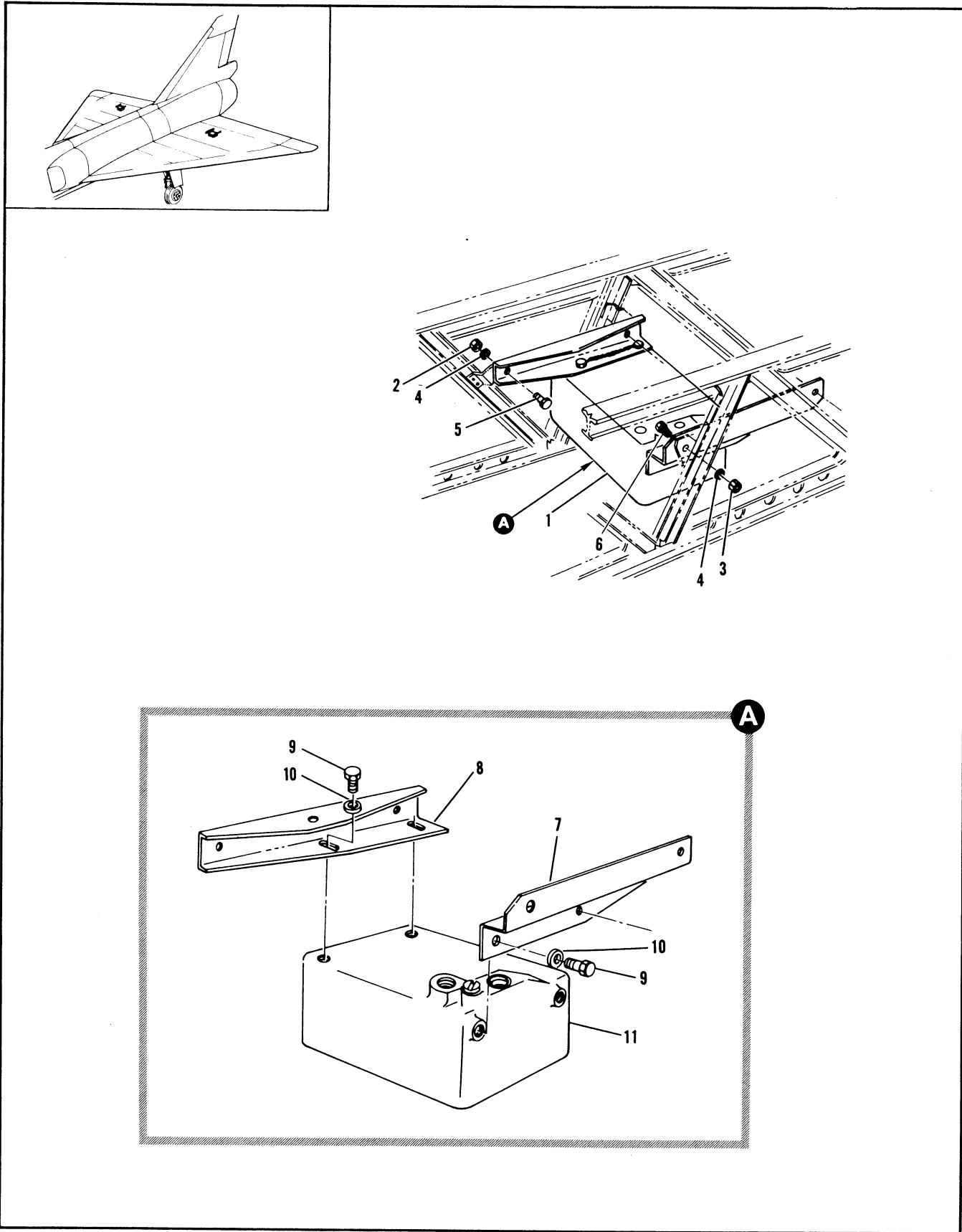


Figure 2.12-34. Transfer Tank Emergency Pilot Valve Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-34	8-21168-1	VALVE INSTALLATION, TRANSFER TANK EMERGENCY PILOT LH FOR NHA SEE FIG. 2.6-32	RF	35	188
	8-21168-3	VALVE INSTALLATION, TRANSFER TANK EMERGENCY PILOT LH FOR NHA SEE FIG. 2.6-32	RF	189	277
	8-21168-5	VALVE INSTALLATION, TRANSFER TANK EMERGENCY PILOT LH FOR NHA SEE FIG. 2.6-32	RF	278	
	8-21168-2	VALVE INSTALLATION, TRANSFER TANK EMERGENCY PILOT RH FOR NHA SEE FIG. 2.6-32	RF	35	188
	8-21168-4	VALVE INSTALLATION, TRANSFER TANK EMERGENCY PILOT RH FOR NHA SEE FIG. 2.6-32	RF	189	277
	8-21168-6	VALVE INSTALLATION, TRANSFER TANK EMERGENCY PILOT RH FOR NHA SEE FIG. 2.6-32	RF	278	
- 1	8-21168-19	• VALVE ASSY, T TANK EMERGENCY PILOT LH	1	35	129
	8-21168-31	• VALVE ASSY, T TANK EMERGENCY PILOT LH	1	130	188
	8-21168-37	• VALVE ASSY, T TANK EMERGENCY PILOT LH	1	189	240
	8-21168-45	• VALVE ASSY, T TANK EMERGENCY PILOT LH	1	241	277
	8-21168-47	• VALVE ASSY, T TANK EMERGENCY PILOT RH	1	278	
	8-21168-20	• VALVE ASSY, T TANK EMERGENCY PILOT RH	1	35	129
	8-21168-32	• VALVE ASSY, T TANK EMERGENCY PILOT RH	1	130	188
	8-21168-38	• VALVE ASSY, T TANK EMERGENCY PILOT RH	1	189	240
	8-21168-46	• VALVE ASSY, T TANK EMERGENCY PILOT LH	1	241	277
	8-21168-48	• VALVE ASSY, T TANK EMERGENCY PILOT RH	1	278	
- 2	NAS679A3	• NUT	1	35	
- 3	NAS679A3	• NUT	3	A	
	NAS687A3	• NUTPLATE	3	189	277
- 4	AN960PD10	• WASHER	4	35	
- 5	AN3-4A	• BOLT	2	A	
	AN3-6A	• BOLT	2	189	277
- 6	AN3-4A	• BOLT	2	A	
	AN3-7A	• BOLT	2	189	277
- 7	8-21168-25	• • ANGLE ASSY, LH	1	A	
	8-21168-33	• • ANGLE ASSY, LH RIVETED	1	189	277
	8-21168-26	• • ANGLE ASSY, RH	1	A	
	8-21168-34	• • ANGLE ASSY, RH RIVETED	1	189	277
- 8	8-21168-17	• • CHANNEL, LH	1	35	38
	8-21168-27	• • CHANNEL, LP	1	B	
	8-21168-35	• • CHANNEL ASSY, LH RIVETED	1	189	277
	8-21168-18	• • CHANNEL, RH	1	35	38
	8-21168-28	• • CHANNEL, RH	1	39	60
	8-21168-29	• • CHANNEL, RH	1	C	
	8-21168-36	• • CHANNEL ASSY, RH RIVETED	1	189	277
- 9	AN960PD10	• • WASHER	4	35	
- 10	AN3H3A	• • BOLT	4	35	
- 11	762200-7	• VALVE ASSY, FUEL TRANSFER PILOT <96124> SPEC 8-12443-7 T.O. 6J15-3-78-3	1	35	

A AIRPLANES #35 THRU 188, 278 AND ON
 B AIRPLANES #39 THRU 189, 278 AND ON
 C AIRPLANES #61 THRU 189, 278 AND ON

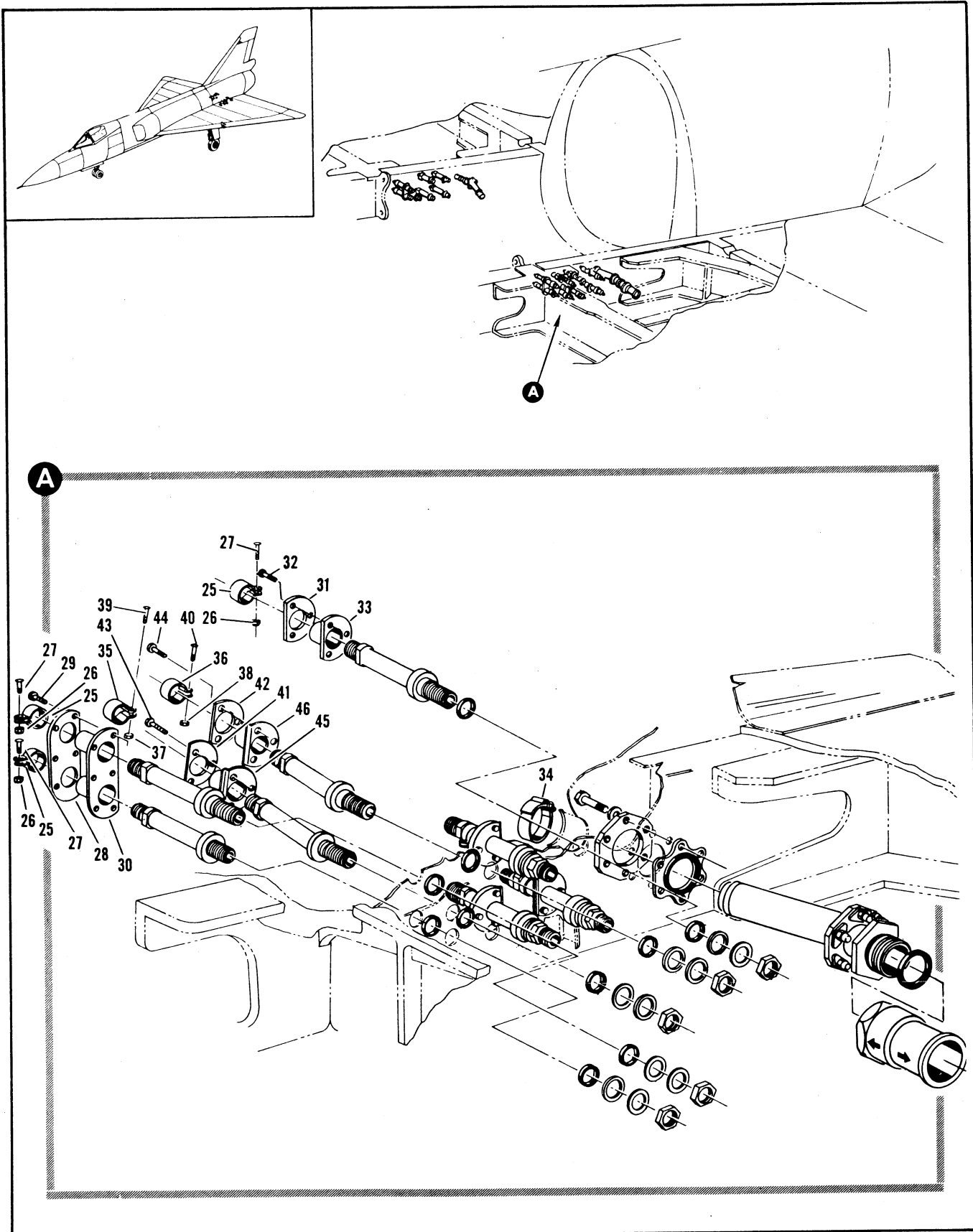


Figure 2.12-35. CG Transfer Tank Pressure Fitting Sta 569 (Sheet 2 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-35	8-21236-3	• SEAL INSTL, CG TRANSFER PRESSURE FITTING LH FOR NHA SEE FIG. 2.3-16 INDEX 8	RF	B	
	8-21236-1	• SEAL INSTL, CG TRANSFER PRESSURE FITTING LH MODIFIED BY 8-21F34 FOR NHA SEE FIG. 2.3-16 INDEX 8	RF	278	303
	8-21236-5	• SEAL INSTL, CG TRANSFER PRESSURE FITTING RH FOR NHA SEE FIG. 2.3-16 INDEX 8	RF	B	
	8-21236-2	• SEAL INSTL, CG TRANSFER PRESSURE FITTING RH MODIFIED BY 8-21F34 FOR NHA SEE FIG. 2.3-16 INDEX 8	RF	278	303
- 25	AN735D10	• • CLAMP ATTACHING PARTS	6	35	
- 26	NAS679A3	• • NUT	6	35	
- 27	NAS221-8	• • SCREW	6	35	
		-----X-----			
- 28	8-28249-11	• • RETAINER, SEAL T TANK SENSING LINE	1	C	
	8-28249-9	• • RETAINER, SEAL T TANK SENSING LINE ATTACHING PARTS	1	278	296
- 29	NAS221-9	• • SCREW	6	35	
		-----X-----			
- 30	CP697-1	• • SEAL, <R2830> SPEC 8-12430-1	1	35	
- 31	8-28249-7	• • RETAINER, SEAL T TANK SENSING LINE ATTACHING PARTS	4	35	
- 32	NAS221-8	• • SCREW	12	35	
		-----X-----			
- 33	CR697-5	• • SEAL, <R2830> SPEC 8-12460-5	4	35	
- 34	320-62-131S	• • CLAMP, <98625> 91-97A02-031	1	35	
- 35	AN735D10	• • CLAMP	1	35	
- 35	AN735D10	• • CLAMP, LH ATTACHING PARTS	1	35	
- 37	NAS679A3	• • NUT	1	35	
- 38	NAS679A3	• • NUT, LH	1	35	
- 39	NAS221-8	• • SCREW	1	35	
- 40	NAS221-8	• • SCREW, LH	1	35	
		-----X-----			
- 41	8-28249-7	• • RETAINER	1	35	
- 42	8-28249-7	• • RETAINER, LH ATTACHING PARTS	1	35	
- 43	NAS221-8	• • SCREW	3	35	
- 44	NAS221-8	• • SCREW, LH	3	35	
		-----X-----			
- 45	CR697-5	• • SEAL, <R2830> SPEC 8-12430-5	1	35	
- 46	CR697-5	• • SEAL, <R2830> SPEC 8-12430-5	1	35	
		P AIRPLANES #35 THRU 277, 304 AND ON			
		C AIRPLANES #35 THRU 277, 297 AND ON			

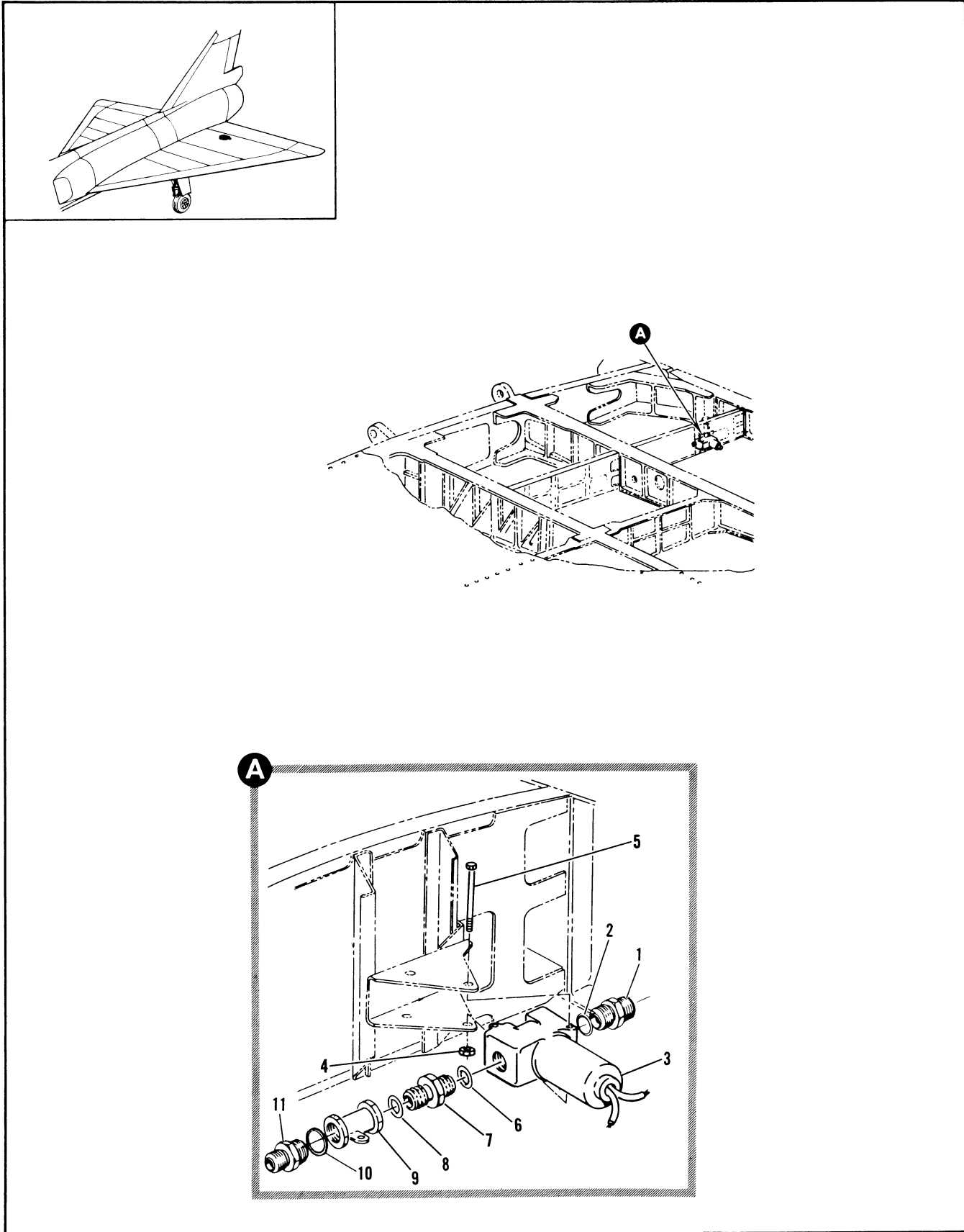


Figure 2.12-36. CG Transfer Line Shutoff Valve Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-36	8-21537-8C1	VALVE INSTALLATION, CG TRANSFER LINE SHUTOFF LH FOR NHA SEE FIG. 2.6-32	RF	35	
	8-21537-8C2	VALVE INSTALLATION, CG TRANSFER LINE SHUTOFF RH FOR NHA SEE FIG. 2.6-32	RF	35	
- 1	MS21902D8	• UNION	1	35	
- 2	MS29512-8	• GASKET	1	35	
- 3	20651	• VALVE ASSY, SHUTOFF <98439> SPEC 8-00964-1 T.O. 6J15-10-88-13 REPLACES SUITABLE SUR FOR 2065 ATTACHING PARTS	1	35	
- 4	NAS679A3	• NUT	2	35	
- 5	AN3-17A	• BOLT -----X-----	2	35	
- 6	MS29512-8	• GASKET	1		
- 7	MS21916D8-6	• REDUCER	1	35	
- 8	MS29512-6	• GASKET	1	35	
- 9	4535-3/8F	• VALVE, AIR CHECK <96135> SPEC 8-02998-13	1	35	
- 10	MS29512-6	• GASKET	1		
- 11	MS21916D8-6	• REDUCER	1		

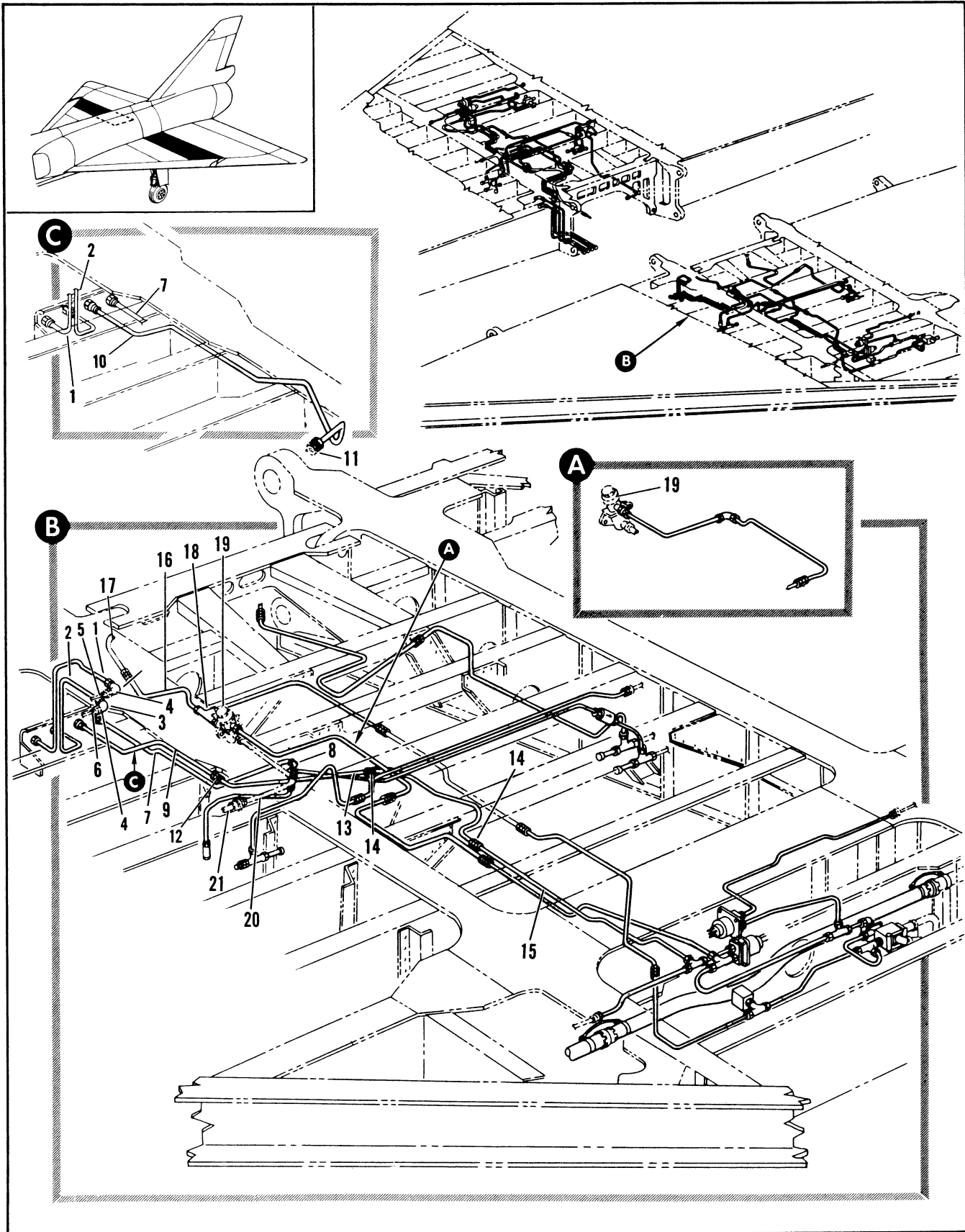


Figure 2.12-37. MLG Wheel Well Fuel Control Tubing Installation (Sheet 1 of 10)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-37	8-20397-837	TUBING INSTALLATION, MAIN LANDING GEAR WHEEL WELL FUEL CONTROL LH MODIFIED BY 65J34880, 66J40337, AND 66J40340 FOR NHA SEE FIG. 2.6-32	RF		
	8-20397-855	TUBING INSTALLATION, MAIN LANDING GEAR WHEEL WELL FUEL CONTROL LH MODIFIED BY 65J35880, 66J40337, AND 66J40340 FOR NHA SEE FIG. 2.6-32	RF		
	8-20397-865	TUBING INSTALLATION, MAIN LANDING GEAR WHEEL WELL FUEL CONTROL LH MODIFIED BY 65J34880, 66J40337, AND 66J40340 FOR NHA SEE FIG. 2.6-32	RF		
	8-20397-839	TUBING INSTALLATION, MAIN LANDING GEAR WHEEL WELL FUEL CONTROL RH MODIFIED BY 65J34880, 66J40337, AND 66J40340 FOR NHA SEE FIG. 2.6-32	RF		
	8-20397-857	TUBING INSTALLATION, MAIN LANDING GEAR WHEEL WELL FUEL CONTROL RH MODIFIED BY 65J34880, 66J40337, AND 66J40340 FOR NHA SEE FIG. 2.6-32	RF		
	8-20397-867	TUBING INSTALLATION, MAIN LANDING GEAR WHEEL WELL FUEL CONTROL RH MODIFIED BY 65J34880, 66J40337, AND 66J40340 FOR NHA SEE FIG. 2.6-32	RF		
- 1	8-20397-1169	• TUBE ASSY, LH	1	35	
- 2	8-20397-1171	• TUBE ASSY, LH	1	35	
	AN924-40	• NUT, LH	2	35	
- 3	AN93904	• ELBOW, LH	2	35	
	MS2190204	• UNION, LH	2	35	
	MS29512-4	• GASKET, LH	4	35	
- 4		• UNION, SPAR #3 BL 69 SEE FIG. 2.12-66	RF		
- 5		• TUBE ASSY, LH SEE FIG. 2.12-15 INDEX 206	RF		
- 6	8-20397-839	• TUBE ASSY, LH SEE FIG. 2.12-15 INDEX 198	RF		
- 7	65A33104-1	• TUBE ASSY, LH	1	35	
- 8	MS2190806	• ELBOW, LH	1	35	
	MS29512-6	• GASKET LH	1	35	
- 9	65A33106-1	• TUBE ASSY, LH	1	35	
- 10	65A33103-1	• TUBE ASSY, LH	1	35	
- 11		UNION, SPAR 3 BL 58 SEE FIG. 2.12-66	RF	160	
- 12	MS2191606-4	• REDUCER, LH	1	35	
- 13	65A33105-1	• TUBE ASSY, LH	1	35	
- 14	MS2190204	• UNION, LH	2	35	159
- 15	8-20397-1179	• TUBE ASSY, LH	1	35	159
- 16	8-20397-319	• TUBE ASSY, LH	1	35	
- 17		• TUBE ASSY, SEE FIG. 2.12-45 INDEX 229	RF		
	MS21916012-8	• REDUCER, LH	1	35	
- 18	MS21910012	• TEE, LH	1	35	
	MS29512-12	• GASKET, LH	1	35	
- 19		• REGULATOR, FUEL TANK PRESSURE SEE FIG. 2.12-1 INDEX 91	RF		
- 20		• TUBE ASSY, FUEL TANK PRESSURE MLG WHEEL WELL LH SEE FIG. 2.12-14 INDEX 89	RF		
- 21		• TUBE ASSY, TANK #1 LH SEE FIG. 2.12-14 INDEX 96	RF		

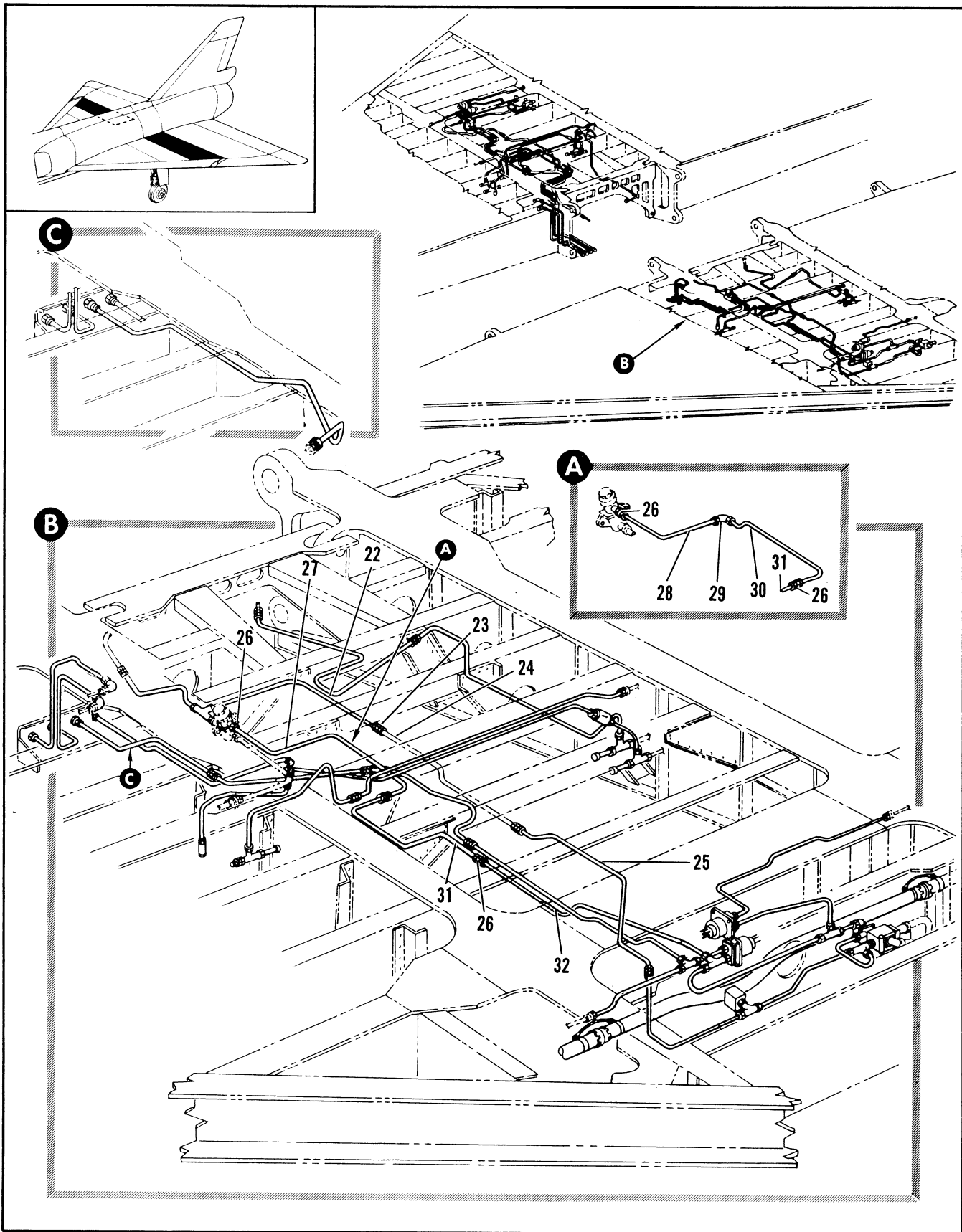


Figure 2.12-37. MLG Wheel Well Fuel Control Tubing Installation (Sheet 2 of 10)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-37- 22 - 23 - 24 - 25 - 26 - 27 - 28 - 29 - 30 - 31 - 32	8-20397-576	• TUBE ASSY, LH	1	35	48
	8-20397-1857	• TUBE ASSY, LH	1	49	129
	8-20397-3031	• TUBE ASSY, LH	1	130	
	MS21902D6	• UNION, LH	2	35	
		• TUBE ASSY, LH SEE FIG. 2.12-1 INDEX 72	RF		
	8-20397-625	• TUBE ASSY, LH	1	35	129
	8-20397-3029	• TUBE ASSY, LH	1	130	
	MS21902D4	• UNION, LH	3	35	
	MS29512-4	• GASKET, LH	1	35	
	8-20397-305	• TUBE ASSY, LH	1	35	48
	8-20397-1861	• TUBE ASSY, LH	1	49	
	AN924-4D	• NUT, LH	1	49	
	AN960D716	• WASHER, LH	1	49	
	MS21908D4	• ELBOW, LH	1	49	
	8-20397-1863	• TUBE ASSY, LH	1	49	
	8-20397-757	• TUBE ASSY, LH	1	35	
	8-20397-299	• TUBE ASSY, LH	1	35	

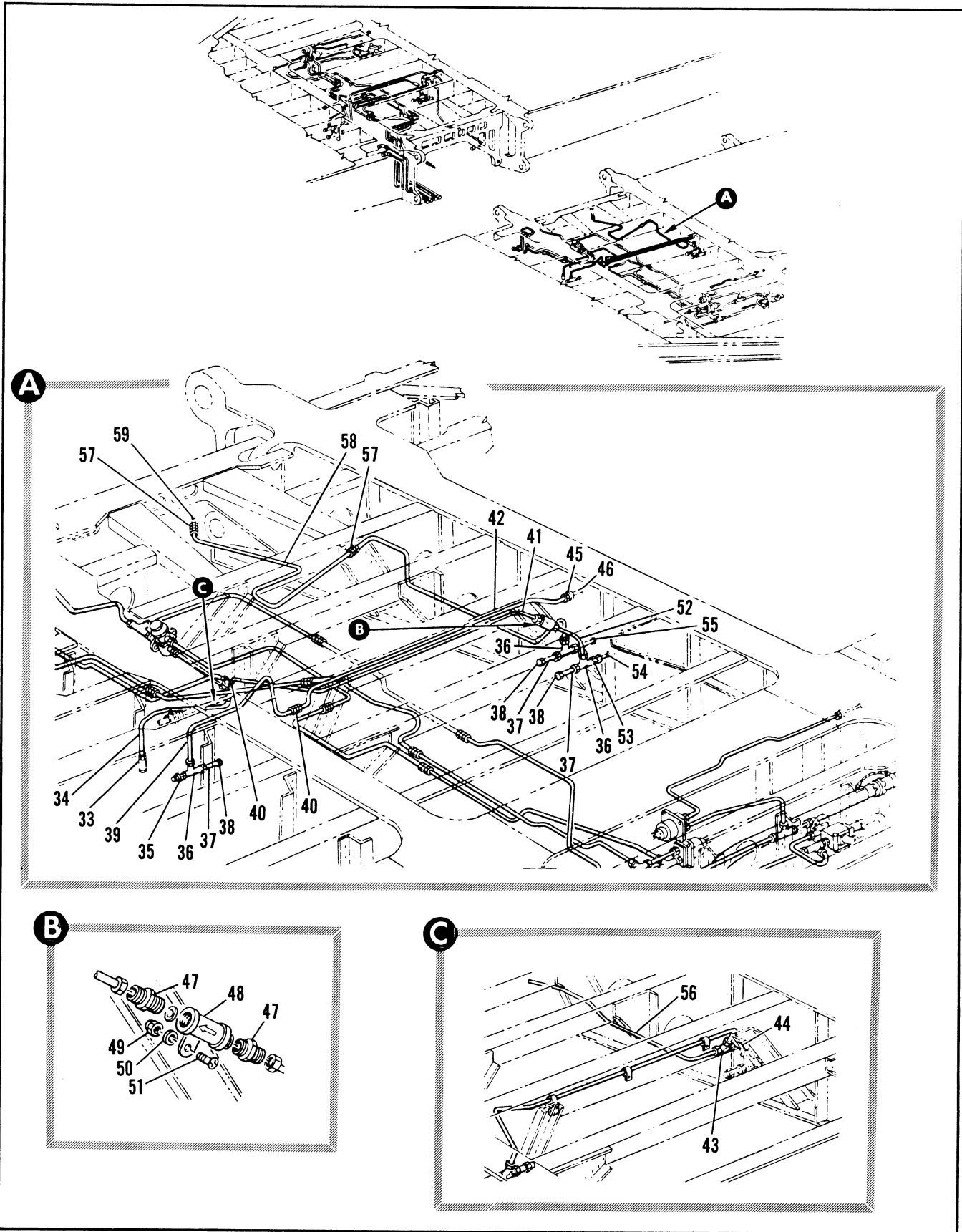


Figure 2.12-37. MLG Wheel Well Fuel Control Tubing Installation (Sheet 3 of 10)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-37- 33	3057	• VALVE ASSY, FUEL TANK AIR PRESSURE RELIEF LH <9R439> SPEC R-00399 T.O. SP5-2-35-13	1	35	
- 34	MS29512-10	• GASKET, LH	1	35	
- 35	8-20397-317	• TUBE ASSY, LH	1	35	
- 36	AN924-4D	• UNION, SPAR #3 RH SEE FIG. 2.12-66	RF	3	35
- 36	AN934D4	• NUT, LH	3	35	
- 37	MS21902D4	• TEE, LH	3	35	
- 37	MS29512-4	• UNION, LH	9	35	
- 37	8-28335	• GASKET, LH	3	35	
- 38	MS29512-4	• FITTING, VALVE PRESSURE LINE DRAIN TANK #2 LH	3	35	
- 38	160B	• GASKET, LH	3	35	
- 39	8-20397-1289	• VALVE ASSY, PILOT DRAIN LH <91511> 91-12501-003	1	35	
- 40	MS21902D4	• TUBE ASSY, LH	2	35	
- 40	MS29512-4	• UNION, LH	1	35	
- 41	8-20397-1291	• GASKET, LH	1	35	48
- 41	8-20397-1859	• TUBE ASSY, LH	1	49	
- 42	8-20397-307	• TUBE ASSY, LH	1	35	277
- 42	8-20397-1869	• TUBE ASSY, LH	1	278	
- 43	MS21902D4	• TUBE ASSY, LH	1		
- 44	65A35920-1	• TEE, LH	1		
- 45		• TUBE, REFUEL PRESSURE SENSE LH	RF		
- 45		• UNION, SPAR #4 RL 66 SEE FIG. 2.12-66 INDEX 17	RF		
- 46		• TUBE ASSY, SEE FIG. 2.12-20 INDEX 29	2	35	
- 47	MS21916D6-4	• REDUCER, LH	2	35	
- 47	MS29512-6	• GASKET, LH	1	35	
- 48	WS35-3/RF	• VALVE ASSY, AIR CHECK LH <96138> SPEC R-02998-13 ATTACHING PARTS	1	35	
- 49	NAS679A3	• NUT	1	35	
- 50	AN950D10L	• WASHER	1	35	
- 51	NAS221-10	• SCREW	1	35	
- 52	8-20397-504	----X----	1	35	
- 53		• TUBE ASSY, LH	RF		
- 54		• UNION, SPAR #4 PL 68 SEE FIG. 2.12-67	RF		
- 54		• TUBE ASSY, SEE FIG. 2.12-20 INDEX 32	RF		
- 55		• TUBE ASSY, SEE FIG. 2.12-20 INDEX 47	RF		
- 56	65A35921-1	• TUBE, REFUEL PRESSURE SENSE LH	1		
- 57	MS21902D4	• UNION, LH	2	35	
- 58	8-20397-2949	• TUBE ASSY, LH	1	241	
- 59		• TUBE ASSY, SEE FIG. 2.12-45 INDEX 225	RF		

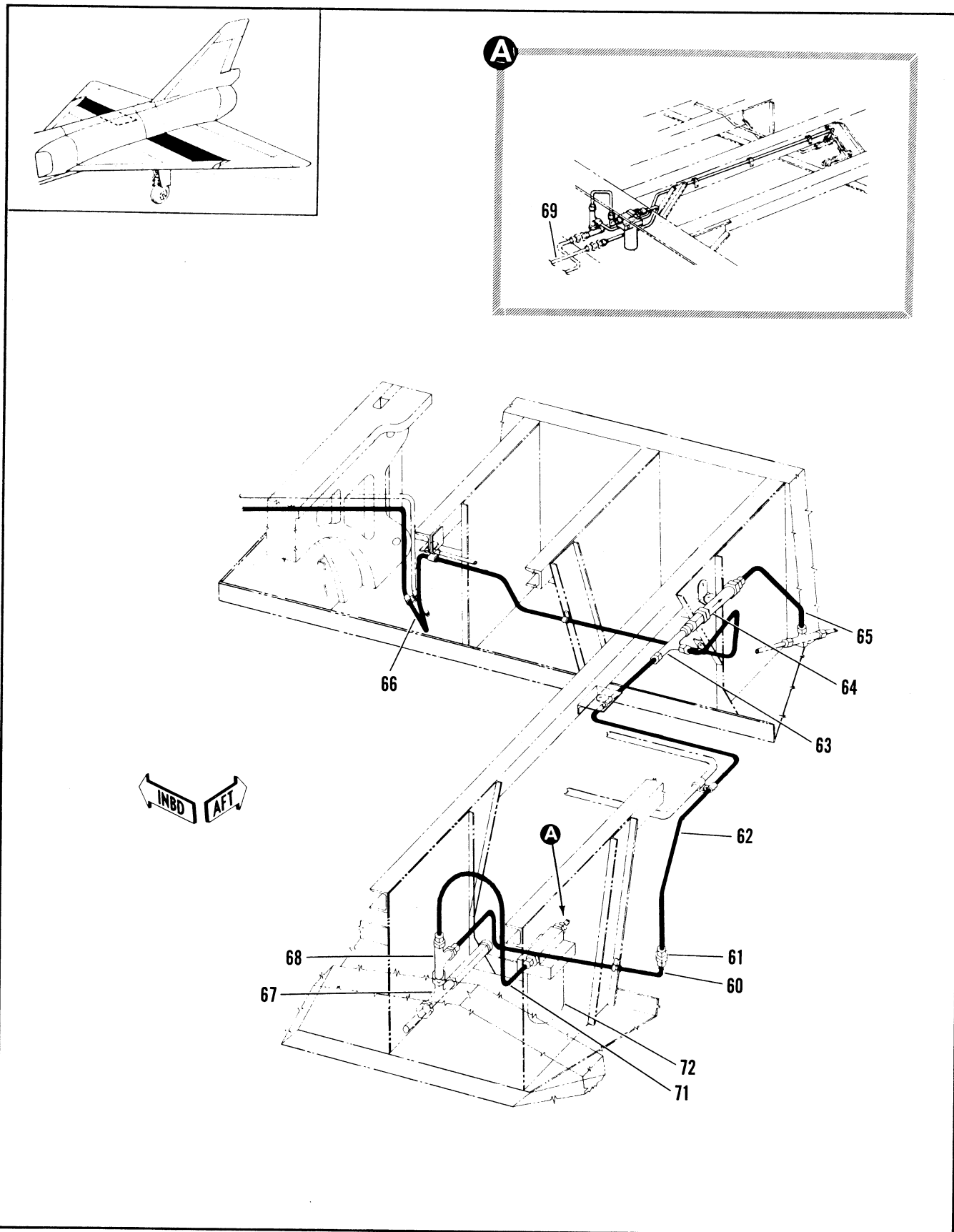


Figure 2.12-37. MLG Wheel Well Fuel Control Tubing Installation (Sheet 4 of 10)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-37- 60	68A37755-11	• TUBE ASSEMBLY, LH	1		
- 61	MS21902D4	• UNION	1		
- 62	68A3775-10	• TUBE ASSEMBLY			
- 63	MS21912-40	• TEE			
	AN893-20	• BUSHING			
- 64	W535-7/8F	• VALVE			
	MS21916D6-4	• BUSHING	1		
	MS29512-6	• PACKING	2		
	MS29512-4	• PACKING	1		
	AN3C3A	• BOLT	2		
	NAS679A3XW	• NUT	2		
- 65	68A37755-9	• TUBE ASSEMBLY	1		
- 66	68A37755-8	• TUBE ASSEMBLY	1		
- 67	AN938D4	• TEE	1		
- 68	MS21911D4	• TEE	1		
	MS29512-04	• GASKET	1		
	MS21916D6-4	• BUSHING	1		
	MS29512-06	• GASKET	1		
	AN924-40	• NUT	1		
- 69		• TUBE ASSY, LH SEE FIG. 2.12-15 INDEX 147	RF		
- 70	8-28335	• FITTING	1		
- 71	66A40310-1	• TUBE ASSY, LH	1		
- 72	66E40496-1	• VALVE INSTALLATION, LH	1		

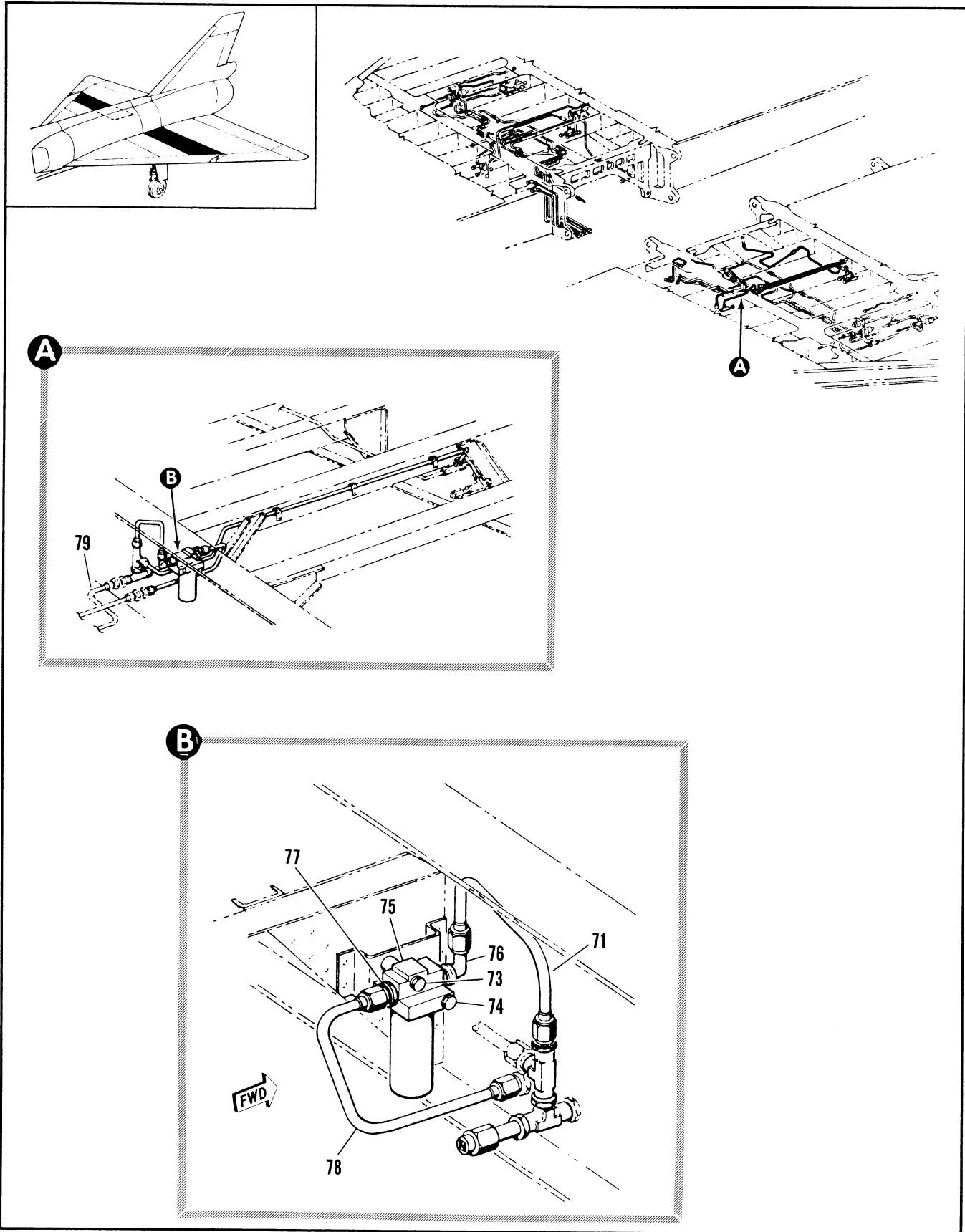


Figure 2.12-37. MLG Wheel Well Fuel Control Tubing Installation (Sheet 5 of 10)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-37- 73	AN3-16A	ATTACHING PARTS	1		
	AN960D10	• BOLT	1		
	NAS430D3-30	• WASHER	1		
- 74	AN3-22A	• SPACER	1		
	AN960D10	• BOLT	1		
		• WASHER	1		
		-----X-----			
- 75	V21200	• VALVE, SOLENOID OPERATED SHUTOFF (96487) SPEC 8-00381-9 T.O. 6J-15-10-107-13	1		
- 76	MS21909-06	• ELBOW	1		
	AN924-6D	• NUT	1		
	MS29512-6	• PACKING	1		
- 77	MS21916D6-4	• REDUCER	1		
	MS29512-6	• PACKING	1		
- 78	66A40314-1	• TUBE ASSEMBLY, LH	1		
- 79		• TUBE ASSEMBLY, LH SEE FIG. 2.12-15 AND 2.12-16 INDEX 81	RF		

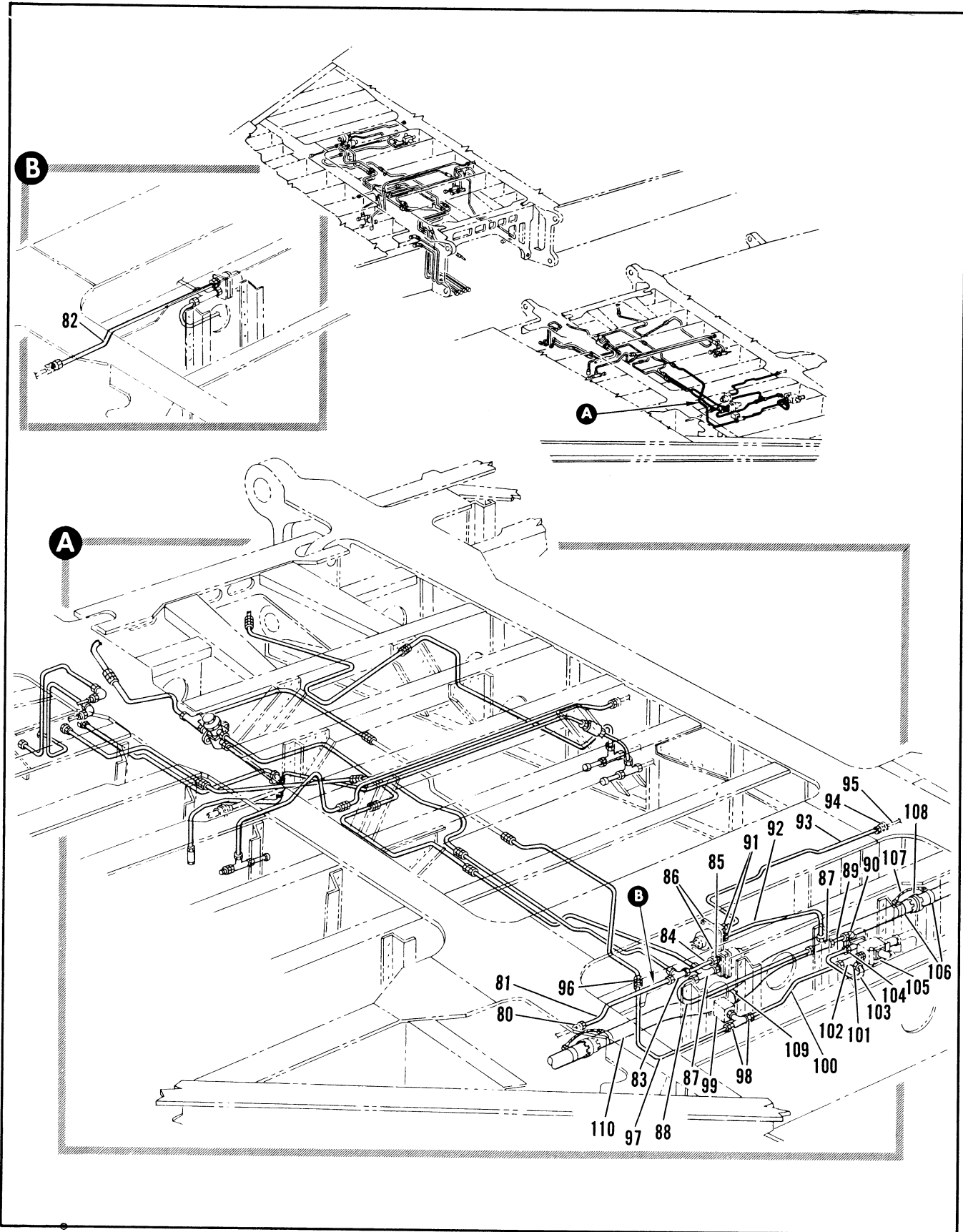


Figure 2.12-37. MLG Wheel Well Fuel Control Tubing Installation (Sheet 6 of 10)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-37- 80		• UNION, SPAR #3 BL 97 SEE FIG. 2.12-67 INDEX	RF		
- 81	8-20397-1227	• TUBE ASSY, LH	1	35	159
- 82	8-20397-3039	• TUBE ASSY, LH	1	160	
- 83	MS2190804	• TEE, LH	1	35	159
- 84	8-20397-1229	• TUBE ASSY, LH	1	35	60
	8-20397-1965	• TUBE ASSY, LH	1	61	159
- 85	MS2190204	• UNION, LH	1	35	40
	8-28348-11	• UNION, RESTRICTOR LH	1	41	
	MS29512-4	• GASKET, LH	1	35	
- 86		• SWITCH ASSY, TANK PRESSURE SEE FIG. 2.12-1 INDEX 53	RF		
	AN924-40	• NUT, LH	2	35	
	AN9600716	• WASHER, LH	2	35	
- 87	MS2191204	• TEE, LH	2	35	
- 88	8-20397-132	• TUBE ASSY, LH	1	35	
- 89	8-20397-538	• TUBE ASSY, LH	1	35	
	AN924-40	• NUT, LH	1	35	
	AN9600716	• WASHER, LH	1	35	
- 90	MS2190804	• ELBOW, LH	1	35	
- 91	MS2190204	• UNION, LH	2	35	
	MS29512-4	• GASKET, LH	2	35	
- 92	8-20397-140	• TUBE ASSY, LH	1	35	
- 93	8-20397-597	• TUBE ASSY, LH	1	35	
- 94		• UNION, SPAR #4 BL 89 SEE FIG. 2.12-66 INDEX 13	RF		
- 95		• TUBE ASSY, SEE FIG. 2.12-20 INDEX 2	RF		
- 96	MS2190204	• UNION, LH	1	35	
- 97	8-20397-536	• TUBE ASSY, LH	1	35	
- 98	MS21916010-9	• REDUCER, LH	2	35	
	MS29512-10	• GASKET	2	35	
- 99		• VALVE ASSY, SHUTOFF SEE FIG. 2.12-13 INDEX 1	RF		
-100	8-20397-532	• TUBE ASSY, LH	1	35	
	AN924-80	• NUT, LH	1	35	
-101	MS2191602-4	• REDUCER, LH	1	35	
-102	MS2191008	• TEE, LH	2	35	
	MS29512-9	• GASKET, LH	2	35	
-103	8-20397-136	• TUBE ASSY, LH	1	35	
-104	MS2190204	• UNION, LH	1	35	
	MS2190204	• GASKET, LH	1	35	
-105		• VALVE ASSY, CHECK AND PRESSURE INDICATOR SEE FIG. 2.12-1 INDEX 47	RF		
-106	AN735040	• CLAMP, LH ATTACHING PARTS	2	35	
	NAS67943	• NUT, LH	2	35	
	AN960010L	• WASHER, LH	2	35	
	AN526-1032R6	• SCREW, LH	2	35	
		-----X-----			
-107	MS25263-1RR4	• JUMPER, LH	1	35	
-108	3625-430	• COUPLING, LH <7932F> 92-72500-004	1	35	
	MS29513-333	• PACKING, LH	1	35	
-109	91-94026-038	• CLAMP, LH	1	35	
-110	8-20397-154	• TUBE ASSY, LH	1	35	

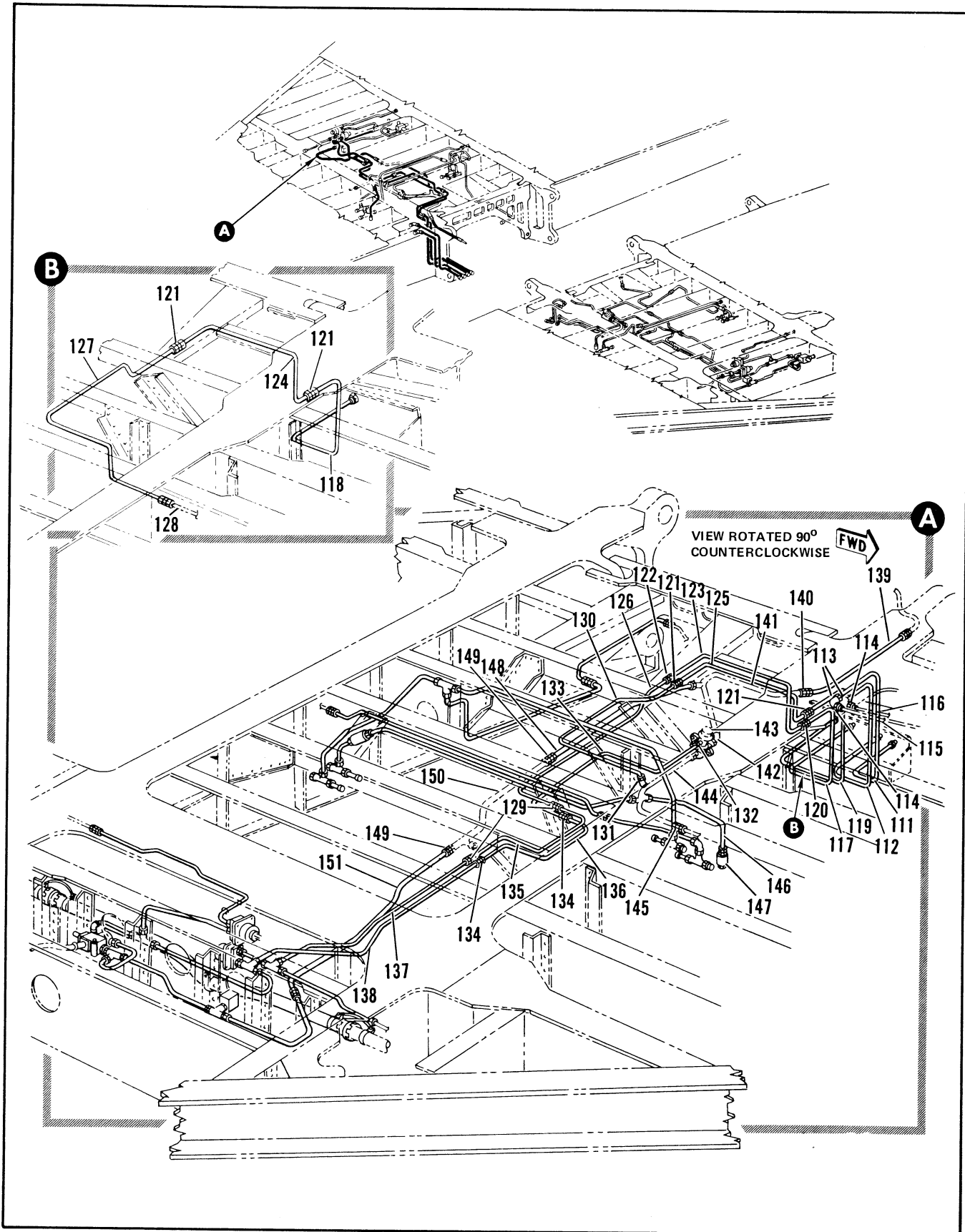


Figure 2.12-37. MLG Wheel Well Fuel Control Tubing Installation (Sheet 7 of 10)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-37-111	8-20397-1183	. TUBE ASSY, RH	1	35	
-112	8-20397-1185	. TUBE ASSY, RH	1	35	
	AN924-4D	. NUT, RH	1	35	
-113	AN939D4	. ELBOW, RH	2	35	
	MS21902D4	. UNION, RH	1	35	
	MS29512-4	. GASKET, RH	2	35	
-114		. UNION, SPAR #3 BL 68 SEE FIG. 2.12-66	RF		
-115		. TUBE ASSY, RH SEE FIG. 2.12-16 INDEX 105	RF		
-116		. TUBE ASSY, RH SEE FIG. 2.12-16 INDEX 98	RF		
-117	8-20397-1187	. TUBE ASSY, RH	1	35	159
-118	8-20397-3107	. TUBE ASSY, RH	1	160	
-119	8-20397-1197	. TUBE ASSY, RH	1	35	
-120	MS21916D6-4	. REDUCER, RH	1	35	159
-121	MS21902D6	. UNION, RH	2	35	
-122	MS21902D4	. UNION, RH	1	35	
-123	8-20397-1189	. TUBE ASSY, RH	1	35	159
-124	8-20397-3101	. TUBE ASSY, RH	1	160	
-125	8-20397-1199	. TUBE ASSY, RH	1	35	
-126	8-20397-1191	. TUBE ASSY, RH	1	35	159
-127	8-20397-3099	. TUBE ASSY, RH	1	160	
-128		. TUBE ASSY, RH SEE FIG. 2.12-18 INDEX 151	RF		
-129	MS21902D4	. UNION, RH	2	35	159
-130	8-20397-1201	. TUBE ASSY, RH	1	35	
	AN924-6D	. NUT, RH	1	35	
-131	MS21909D6	. ELBOW, RH	1	35	
	MS29512-6	. GASKET, RH	1	35	
-132	MS21902D4	. UNION, RH	2	35	
	MS29512-4	. GASKET, RH	1	35	
-133	8-20397-611	. TUBE ASSY, RH	1	35	
-134	MS21902D4	. UNION, RH	2	35	
-135	8-20397-1193	. TUBE ASSY, RH	1	35	159
-136	8-20397-609	. TUBE ASSY, RH	1	35	
-137	8-20397-1195	. TUBE ASSY, RH	1	35	159
-138	8-20397-755	. TUBE ASSY, RH	1	35	
-139	8-20397-512	. TUBE ASSY, RH	1	35	
-140	MS21902D12	. UNION, RH	1	35	
-141		. TUBE ASSY, RH SEE FIG. 2.12-1 INDEX 72	RF		
	AN924-12D	. NUT, RH	1	35	
-142	MS21907D12	. ELBOW, RH	1	35	
	MS29512-12	. GASKET, RH	1	35	
-143		. REGULATOR, FUEL TANK PRESSURE RH SEE FIG. 2.12-1 INDEX 31	RF		
-144		. TUBE ASSY, FUEL TANK PRESSURE MLG WHEEL WELL RH SEE FIG. 2.12-14 INDEX 89	RF		
-145		. UNION, SPAR #3 BL 68 SEE FIG. 2.12-66	PF		
-146	8-20397-1473	. TUBE ASSY, RH	1	35	
	MS29512-10	. GASKET, RH	1	35	
-147	3057	. VALVE ASSY, FUEL TANK AIR PRESSURE RELIEF RH (93439) SPEC 8-00399	1	35	
-148	8-20397-1865	. TUBE ASSY, RH	1	35	
-149	MS21902D8	. UNION, RH	2	35	
-150		. TUBE ASSY, SEE FIG. 2.12-1 INDEX 72	RF		
-151	8-20397-1867	. TUBE ASSY, RH	1	35	60
	8-20397-2065	. TUBE ASSY, RH	1	61	

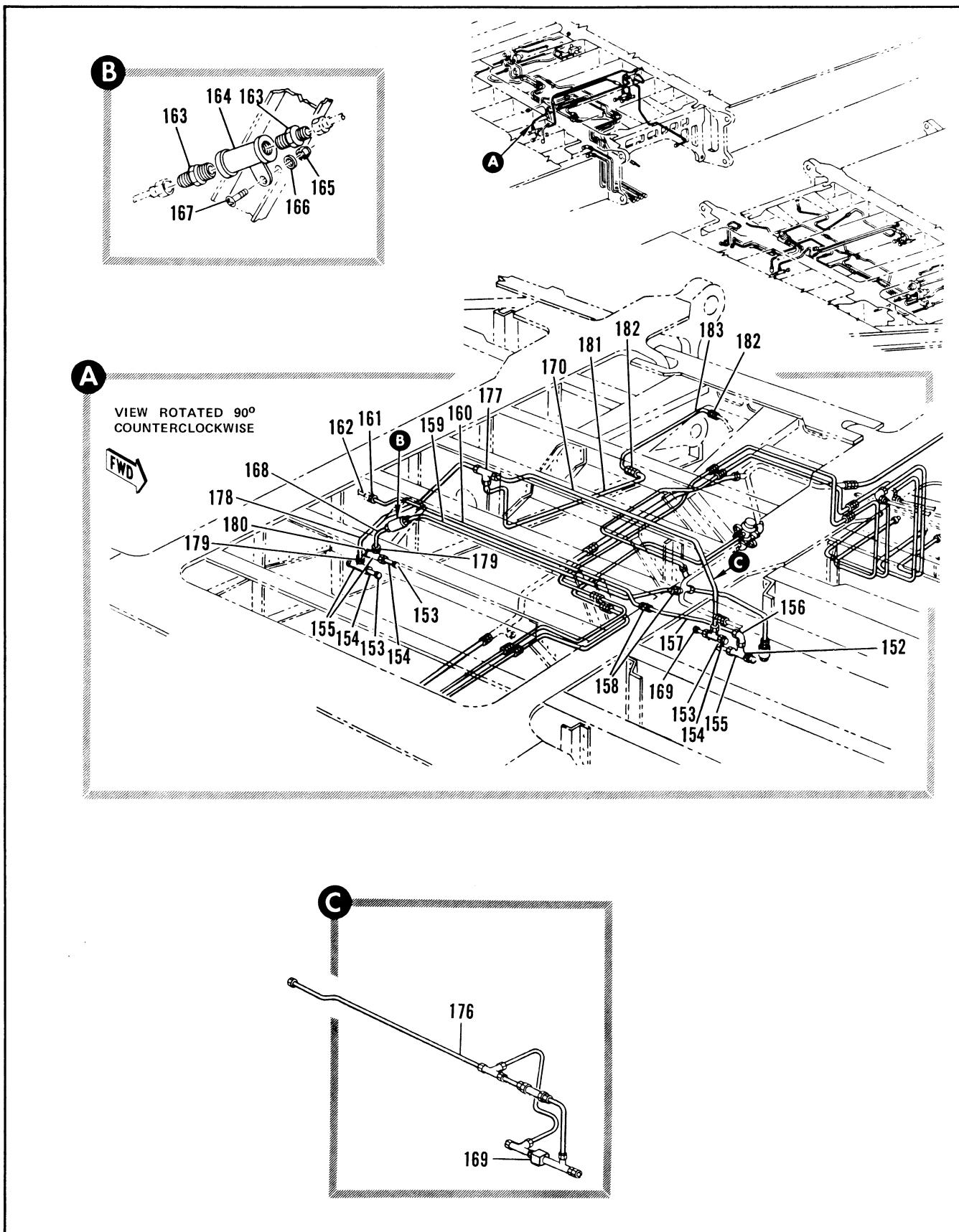


Figure 2.12-37. MLG Wheel Well Fuel Control Tubing Installation (Sheet 8 of 10)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-37-152		• UNION, SPAR #3 BL 60 SEE FIG. 2.12-66	RF		
-153	MS29512-4 160B	• GASKET, RH	6	35	
		• VALVE ASSY, PILOT DRAIN RH <91511> 92-12501-003	3	35	
-154	8-28335	• FITTING, VALVE PRESSURE LINE DRAIN TANK #2 RH	3	35	
	AN924-4D	• NUT, RH	3	35	
-155	AN938D4	• TEE, RH	1	35	
-156	MS21908D4	• ELBOW, RH	6	35	
	MS29512-4	• GASKET, RH	1	35	
-157	8-2037-1295	• TUBE ASSY, RH	2	35	
-158	MS21902D4	• UNION, RH	2	35	
	MS29512-4	• GASKET, RH	1	35	48
-159	8-20397-615	• TUBE ASSY, RH	1	49	
	8-20397-1871	• TUBE ASSY, RH	1	35	48
-160	8-20397-397	• TUBE ASSY, RH	1	49	
	8-20397-1869	• TUBE ASSY, RH	RF		
-161		• UNION, SPAR #4 BL 66 SEE FIG. 2.12-66	RF		
-162		• TUBE ASSY, LH SEE FIG. 2.12-20 INDEX 29	RF		
-163	MS2191606-4	• REDUCER, RH	2	35	
	MS29512-6	• GASKET, RH	2	35	
-164	W535-378F	• VALVE ASSY, AIR CHECK RH <96138> SPEC 8-02998-13 ATTACHING PARTS	1	35	
-165	NAS679A3	• NUT	1	35	
-166	AN960D10L	• WASHER -----X-----	1	35	
-167	NAS221-10	• SCREW	1	35	
-168	8-20397-506	• TUBE ASSY, RH	RF		
-169		• COCK, PLUG DRAIN SELF LOCKING SEE FIG. 2.12-3 INDEX 17	1	35	89
-170	8-20397-1203	• TUBE ASSY, RH	1	35	
-171	8-20397-2621	• TUBE ASSY, RH	1	35	
-172	160B	• VALVE, RH (91511) 92-12501-003	1	35	
-173	8-28335	• FITTING, RH	1	35	
-174	AN924-4D	• NUT, RH	1	35	
-175	AN938D4	• TEE, RH	1	35	
-176	8-20397-2621	• TUBE ASSY, RH	1	35	
-177	MS21905D4	• TEE, RH	1	35	
-178	8-20397-1205	• TUBE ASSY, RH	2	35	
-179	MS21902D4	• UNION, RH	RF		
-180		• UNION, SPAR #4 BL 68 SEE FIG. 2.12-66	RF		
-181	8-20397-1207	• TUBE ASSY, RH	1	35	
-182	MS21902D4	• UNION, RH	2	35	
-183		• TUBE ASSY, RH SEE FIG. 2.12-45 INDEX 225	RF		

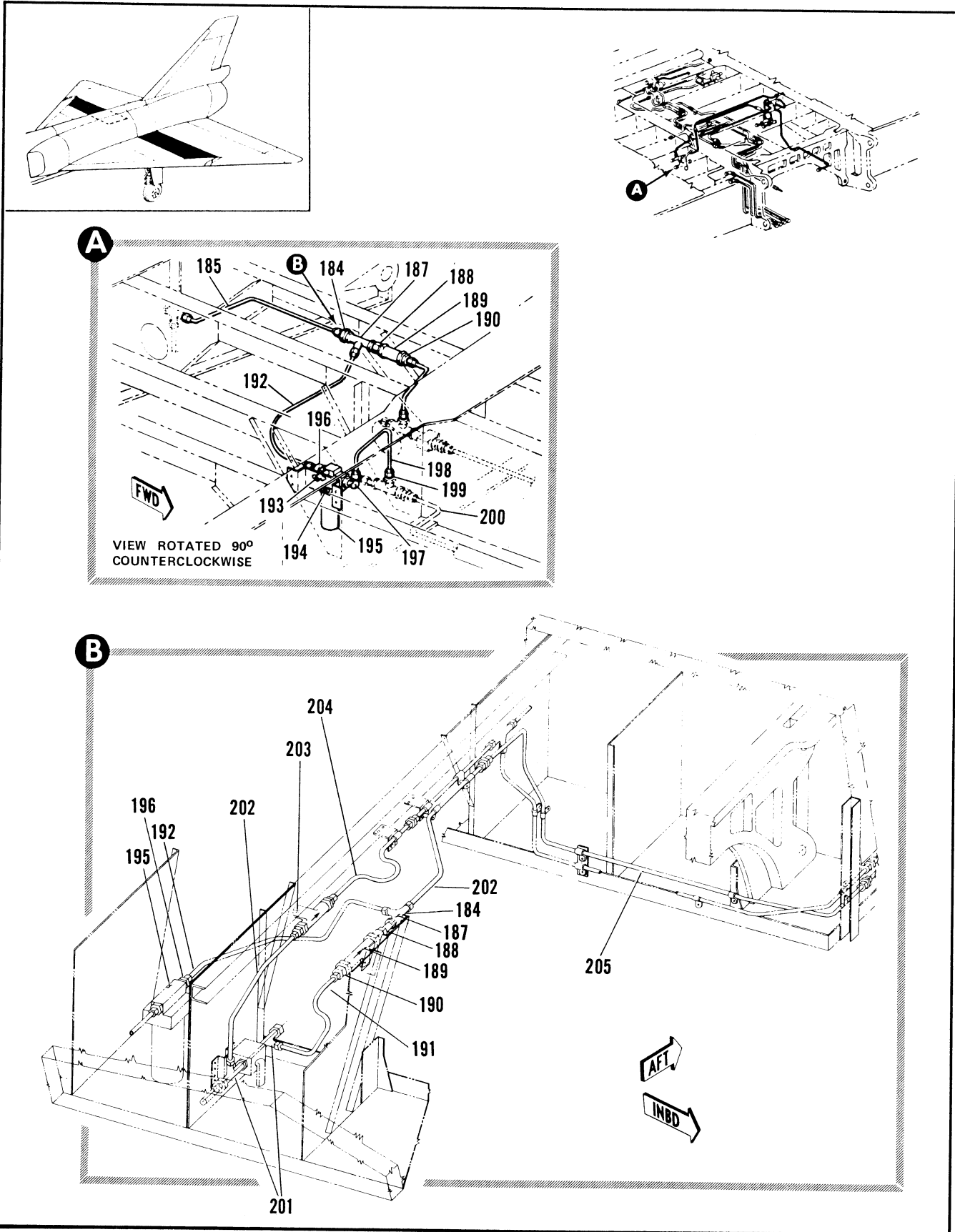


Figure 2.12-37. MLG Wheel Well Fuel Control Tubing Installation (Sheet 9 of 10)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-37-184	MS2190204	• UNION	1		
-185	68A37755-2	• TUBE ASSEMBLY, RH	1	35	
-186	66A40385-1	• TUBE ASSY, RH	1	35	
-187	MS2190504	• TEE	1	35	
	AN924-4D	• NUT	1	35	
	MS29512-04	• GASKET	1	35	
-188	AN893-2D	• BUSHING	1	35	
	MS29512-06	• GASKET	1	35	
-189	W535-3/8F	• VALVE ASSY, AIR CHECK RH (96139) SPEC 8-02998-13	1	35	
-190	MS2191606-4	• BUSHING	1	35	
	MS29512-06	• GASKET	1	35	
-191	68A37755-1	• TUBE ASSEMBLY, RH	1	35	
-192	66A40325-1	• TUBE ASSY, RH	1	35	
	66E40496-2	• VALVE INSTL, AERIAL REFUEL SOLENOID RH ATTACHING PARTS	1	35	
-193	AN3-16A	• BOLT	1	35	
	AN960010	• WASHER	1	35	
	NAS43003-30	• SPACER	1	35	
-194	AN3-22A	• BOLT	1	35	
	AN960010	• WASHER	1	35	
-195	V21200	-----X----- • VALVE, SOLENOID OPERATED SHUTOFF (96487) SPEC 8-00301-9 T.O. 15-10-107-13	1	35	
-196	MS21916-4	• REDUCER	1	35	
	MS29512-06	• PACKING	1	35	
-197	MS2190806	• ELBOW	1	35	
	AN924-6D	• NUT	1	35	
	MS29512-06	• PACKING	1	35	
-198	66A40500-1	• TUBE ASSY, RH	1	35	
-199	MS219606-4	• BUSHING	1	35	
	MS29512-06	• GASKET	1	35	
-200		• TUBE ASSY, SEE FIG. 2.12-17 AND 2.12-19 INDEX 62.47-1	1	35	
-201	MS21911-4D	• TEE	3	35	
	MS29512-4	• PACKING	2	35	
	MS29512-5	• PACKING	1	35	
	AN924-4D	• NUT	1	35	
-202	68A37756-1	• TUBE ASSEMBLY	1	35	
-203	W535-3/8F	• VALVE	1	35	
	MS2190204	• BUSHING			
	MS29512-6	• PACKING			
	AN303A	• BOLT			
	NAS679A3XW	• NUT	1	35	
-204	68A37756-2	• TUBE ASSEMBLY	1	35	
-205	68A37755-3	• TUBE ASSEMBLY	1	35	
	MS2190204	• UNION			

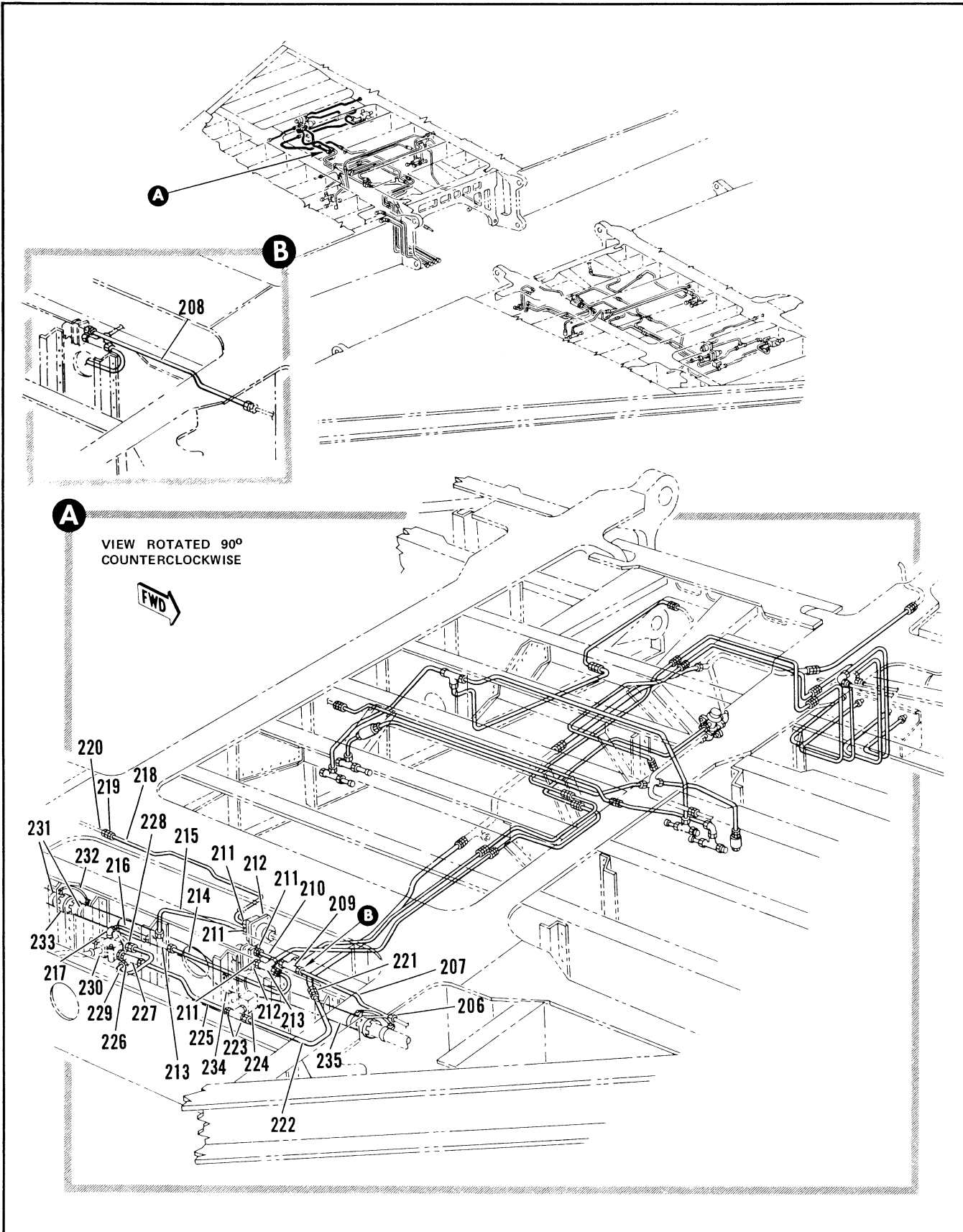


Figure 2.12-37. MLG Wheel Well Fuel Control Tubing Installation (Sheet 10 of 10)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-37-206		• UNION, SPAR #3 RL 90 RH SEE FIG. 2.12-66	RF		
-207	8-20397-1293	• TUBE ASSY, RH	1	35	159
-208	8-20397-3103	• TUBE ASSY, RH	1	160	
-209	MS21900D4	• TEE, RH	1	35	159
-210	8-20397-1229	• TUBE ASSY, RH	1	35	60
	8-20397-1965	• TUBE ASSY, RH	1	61	159
-211	MS21902D4	• UNION, RH	4	35	40
	8-28388-11	• UNION, RESTRICTOR RH	1	41	
	MS29512-4	• GASKET, RH	4	35	
-212		• SWITCH ASSY, TANK PRESSURE RH SEE FIG. 2.12-1 INDEX 63	RF		
	AN924-4D	• NUT, RH	2	35	
	AN967D716	• WASHER, RH	2	35	
-213	MS21912D4	• TEE, RH	2	35	
-214	8-20397-132	• TUBE ASSY, RH	1	35	
-215	8-20397-140	• TUBE ASSY, RH	1	35	
-216	8-20397-212	• TUBE ASSY, RH	1	35	
	AN924-4D	• NUT, RH	1	35	
	AN967D716	• WASHER, RH	1	35	
-217	MS21988D4	• ELBOW, RH	1	35	
-218	8-20397-599	• TUBE ASSY, RH	RF		
-219		• UNION, SPAR #4 RL 89 RH SEE FIG. 2.12-66	RF		
-220		• TUBE ASSY, RH SEE FIG. 2.12-20 INDEX 2	1	35	
-221	MS21902D4	• UNION, RH	1	35	
-222	8-20397-230	• TUBE ASSY, RH	2	35	
-223	MS21916D10-8	• REDUCER, RH	2	35	
	MS29512-10	• GASKET, RH	RF		
-224		• VALVE ASSY, SHUTOFF SEE FIG. 2.12-13 INDEX 1	1	35	
-225	8-20397-210	• TUBE ASSY, RH	1	35	
	AN924-8D	• NUT, RH	1	35	
-226	MS21916D8-4	• REDUCER, RH	1	35	
-227	MS21910D8	• TEE, RH	2	35	
	MS29512-8	• GASKET, RH	1	35	
-228	MS21902D4	• UNION, RH	1	35	
	MS29512-4	• GASKET, RH	1	35	
-229	8-20397-264	• TUBE ASSY, RH	RF		
-230		• VALVE ASSY, CHECK AND PRESSURE INDICATOR RH SEE FIG. 2.12-1 INDEX 47	2	35	
-231	AN735D40	• CLAMP, RH ATTACHING PARTS	2	35	
	NAS679A3	• NUT	2	35	
	AN967D10L	• WASHER	2	35	
	ANS20-1032R6	• SCREW			
		----X----	1	35	
-232	MS25183-16R4	• JUMPER, RH	1	35	
-233	3605-400	• COUPLING, RH 92-72500-004	1	35	
	MS29513-333	• PACKING, RH	1	35	
-234	91-91026-038	• CLAMP, RH	1	35	
-235	8-20397-154	• TUBE ASSY, RH			

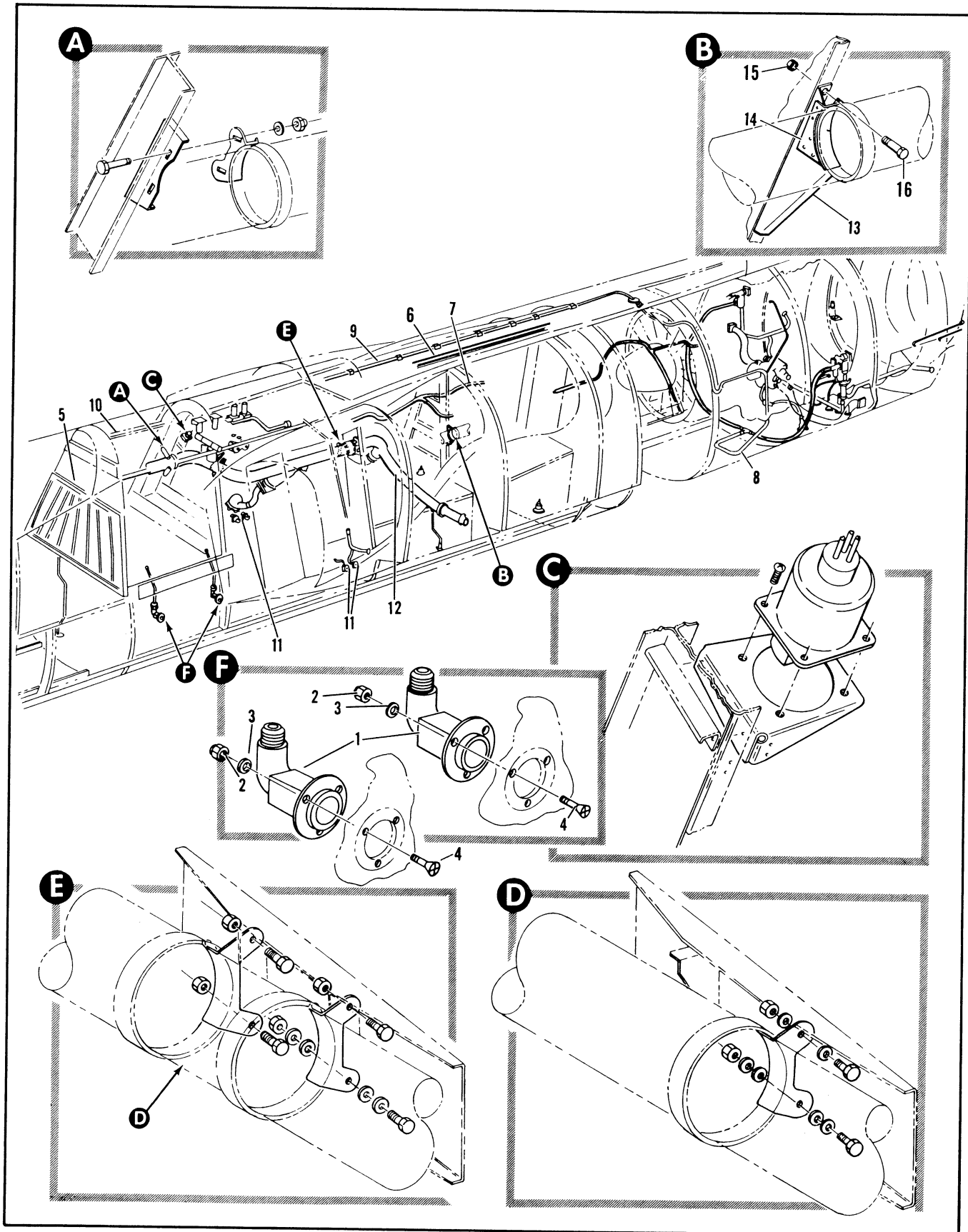


Figure 2.12-38. Fuselage Fuel System (Sheet 1 of 5)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE		
				FROM	TO	
2.12-38	8-28237-1	FUSELAGE FUEL SYSTEM • FUSELAGE FUEL ELECTRICAL, SEE FIG. 2.12-39 • VALVE INSTL, FUSELAGE TANK DRAIN LH STA 225 AND 245 WL 24 FOR NHA SEE FIG. 2.3-4	RF RF	35 35		
	MS29512-R MS21902DB 930B	• • GASKET • • UNION • • VALVE ASSY, DRAIN <91511> 92-13200-002 T.O. 6J15-4-35-3 ATTACHING PARTS	2 2 2	35 35 35		
	- 1					
	- 2	NAS679A3	• • NUT	6	35	
	- 3	AN960D10	• • WASHER	6	35	
	- 4	NAS333P5	• • BOLT -----X-----	6	35	
	- 5		• BARRIER INSTL, FUSELAGE FUEL TANK FUME SEE FIG. 2.12-63	RF		
	- 6		• TUBING INSTL, FUSELAGE FUEL TANK STA 216 TO 253 SEE FIG. 2.12-43	RF		
	- 7		• TUBING INSTL, FUEL TANK PRESSURE STA 253 TO 577 SEE FIG. 2.12-32 AND 2.12-46	RF		
	- 8		• TUBING INSTL, FUEL TANK PRESSURE STA 472 TO 577 SEE FIG. 2.12-32 AND 2.12-46	RF		
	- 9		• FUEL TANK PRESSURE MANIFOLD TUBING SUPPORT SEE FIG. 2.12-57	RF		
	- 10		• TANK ASSY, INTEGRAL FUEL SEE FIG. 2.12-50	RF		
	- 11		• TUBING INSTL, VENT FUSELAGE TANK TO WING SEE FIG. 2.12-47	RF		
	- 12		• TUBING INSTL, FUSELAGE TANK TO WING FUEL TRANSFER SEE FIG. 2.12-48	RF		
		8-28282	• SUPPORT INSTL, CG TRANSFER TUBE STA 316 RH FOR NHA SEE FIG. 2.3-11	RF	35	60
		8-28282-1	• SUPPORT INSTL, CG TRANSFER TUBE STA 316 RH FOR NHA SEE FIG. 2.3-11	RF	61	
- 13	8-28282-7	• • BRACKET	1	35	60	
- 14	8-28282-9 8-28275	• • BRACKET • • BRACKET, 4.5 DIAMETER TUBE TRANSFER LINE REPLACED BY NOT INTCHG WITH 8-28275-7	1 1	61 35	60	
	9-28275-7	• • BRACKET, 4.5 DIAMETER TUBE TRANSFER LINE REPLACES NOT INTCHG WITH 8-28275 ATTACHING PARTS	1	61		
- 15	NAS679A3 NAS679A3	• • NUT • • NUT	1 2	35 61	60	
- 16	AN960D10L AN3-6A AN3-4A	• • WASHER • • BOLT • • BOLT -----X-----	4 1 2	61 35 61	60	

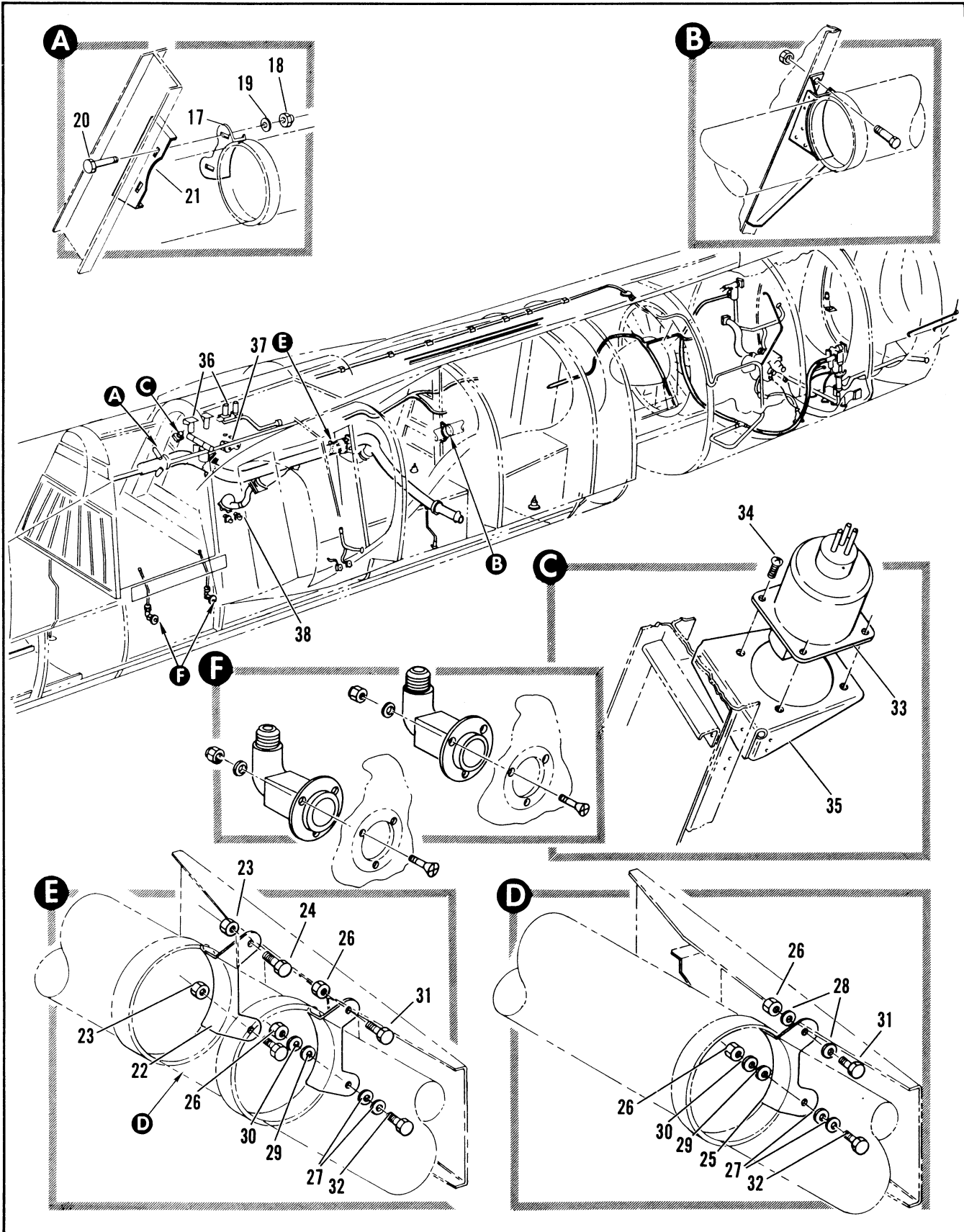


Figure 2.12-38. Fuselage Fuel System (Sheet 2 of 5)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-38	8-28466	• SUPPORT INSTL, CG TRANSFER TUBE STA 266 FOR NHA SEE FIG. 2.3-11	RF	61	
- 17	8-29468	• • BRACKET ATTACHING PARTS	1	61	
- 18	NAS679A3	• • NUT	2	61	
- 19	AN960D10L	• • WASHER	4	61	
- 20	AN3-4A	• • BOLT	2	61	
		-----X-----			
- 21	8-28460-7 8-28279-1	• • BRACKET • SUPPORT INSTL, CG TRANSFER TUBE STA 324 TO 344 FOR NHA SEE FIG. 2.3-11	1 RF	61	
- 22	8-28468	• • BRACKET, STA 330 REPLACES NOT INTCHG WITH 8-28327-9 ATTACHING PARTS	1	61	
- 23	NAS679A3	• • NUT	2	35	
- 19	AN960D10L	• • WASHER	2	61	
- 24	AN3-4A	• • BOLT	2	35	
		-----X-----			
- 25	8-28468	• • BRACKET, STA 336 REPLACES NOT INTCHG WITH 8-28327-1 ATTACHING PARTS	1	61	
- 26	NAS679A3	• • NUT	2	35	
- 27	AN960D10L	• • WASHER	2	35	
- 28	AN960D10L	• • WASHER	2	61	
- 29	AN960-10L	• • WASHER	1	35	
- 30	AN935-10L	• • WASHER	1	35	
- 31	AN3-4A	• • BOLT	1	35	
- 32	AN3-5A	• • BOLT	1	35	
		-----X-----			
	8-28377	• SWITCH INSTL, EXTERNAL TANK HIGH PRESSURE FOR NHA SEE FIG. 2.3-11 ATTACHING PARTS	RF	35	
- 33	8-22986-11	• • SWITCH ASSY, EXTERNAL FUEL TANK HIGH PRESSURE <98505> SPEC 8-02986-11	1	35	
		-----X-----			
- 34	AN520-10R6	• • SCREW	4	35	
- 35	8-28377-11	• • BRACKET ASSY, RIVETED	1	35	
- 36		• VALVE INSTL, FUEL PRESS SOLENOID OPERATED SHUTOFF STA 272 SEE FIG. 2.12-54	RF		
- 37		• VALVE INSTL, EMERGENCY FUEL TRANSFER SEE FIG. 2.12-33	RF		
- 38		• VALVE INSTL, PRESSURE REGULATOR REFUELING SEE FIG. 2.12-55	RF		

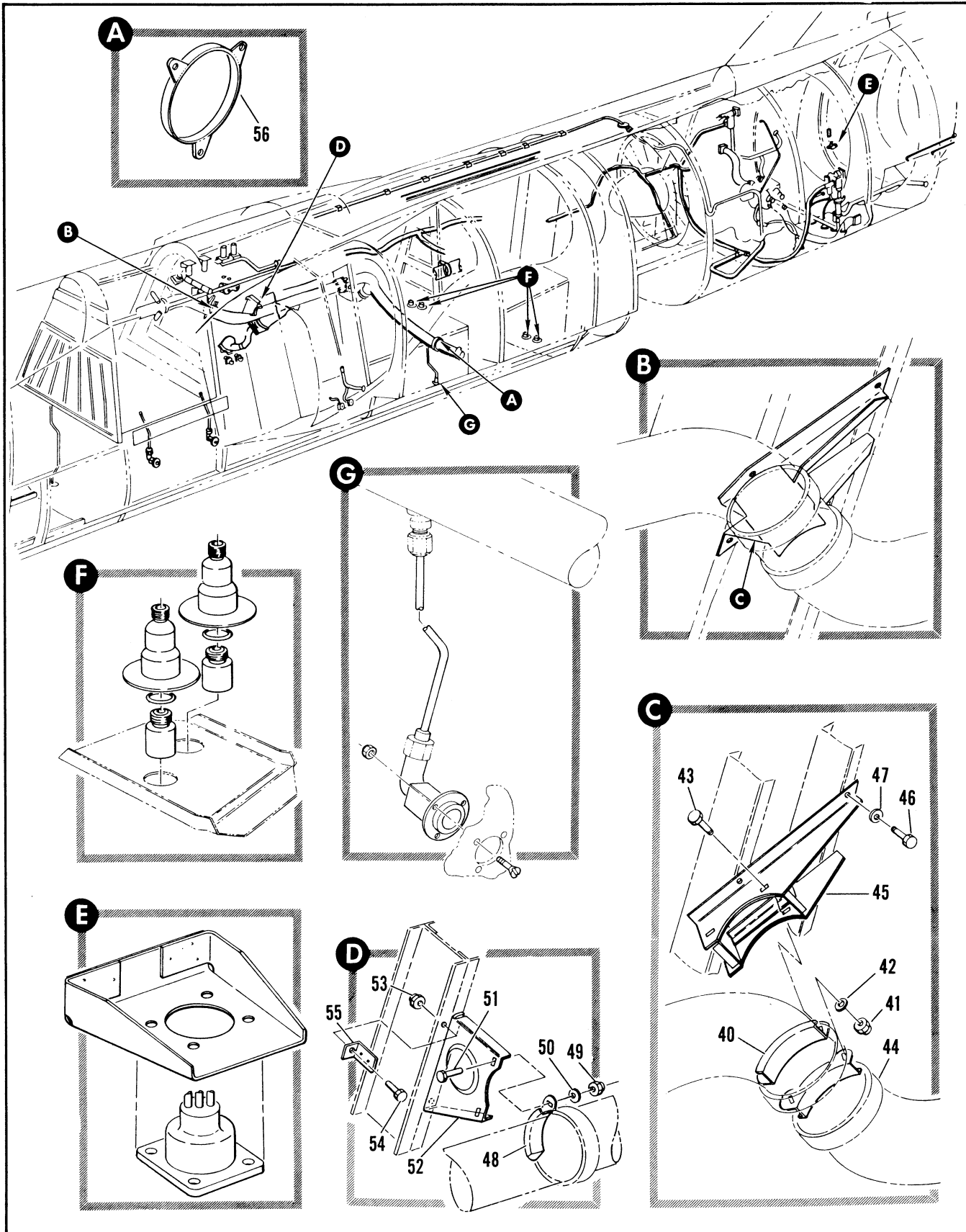


Figure 2.12-38. Fuselage Fuel System (Sheet 3 of 5)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-38- 39	8-28461	• • TUBE ASSY, SEE FIG. 2.12-4A INDEX • BRACKET INSTL, FUEL TRANSFER LINE FOR NHA SEE FIG. 2.3-3	RF RF RF	61 61 61	
- 40	8-28468	• • TUBE ASSY, SEE FIG. 2.12-4E INDEX 15 • • BRACKET, STA 231 ATTACHING PARTS	2	61	
- 41	NAS679A3	• • NUT	4	61	
- 42	AN96D10L	• • WASHER	4	61	
- 43	AN3-4A	• • BOLT	4	61	
- 44		-----X-----			
- 45	8-28461-7	• • TUBE ASSY, SEE FIG. 2.12-4B • • BRACKET ASSY, RIVETED ATTACHING PARTS	RF 2	61	188
- 46	AN3-4A	• • BOLT	4	61	
- 47	AN96D10L	• • WASHER	4	61	
	8-28462-1	• BRACKET INSTL, FUEL TRANSFER LINE FUSELAGE FOR NHA SEE FIG. 2.7-11	RF	90	
- 48	8-28468	• • BRACKET, STA 302 ATTACHING PARTS	1	90	
- 49	NAS679A3	• • NUT	2	90	
- 50	AN96D10L	• • WASHER	4	90	
- 51	AN3-4A	• • BOLT	2	90	
		-----X-----			
- 52	8-28463-7	• • BRACKET, STA 302 ATTACHING PARTS	1	90	
- 53	NAS679A3	• • NUT	3	90	
- 54	AN3-5A	• • BOLT	3	90	
		-----X-----			
- 55	8-28462-7 8-28323-3	• • CLIP • TUBE INSTL, CG FUEL TRANSFER LH STA 326 FOR NHA SEE FIG. 2.7-11	RF	35	
	8-28323-4	• TUBE INSTL, CG FUEL TRANSFER RH STA 326 FOR NHA SEE FIG. 2.7-11	RF	35	
- 56	8-28323-15	• • TUBE ASSY, WELDED LH	1	35	
	8-28323-16	• • TUBE ASSY, WELDED RH	1	35	

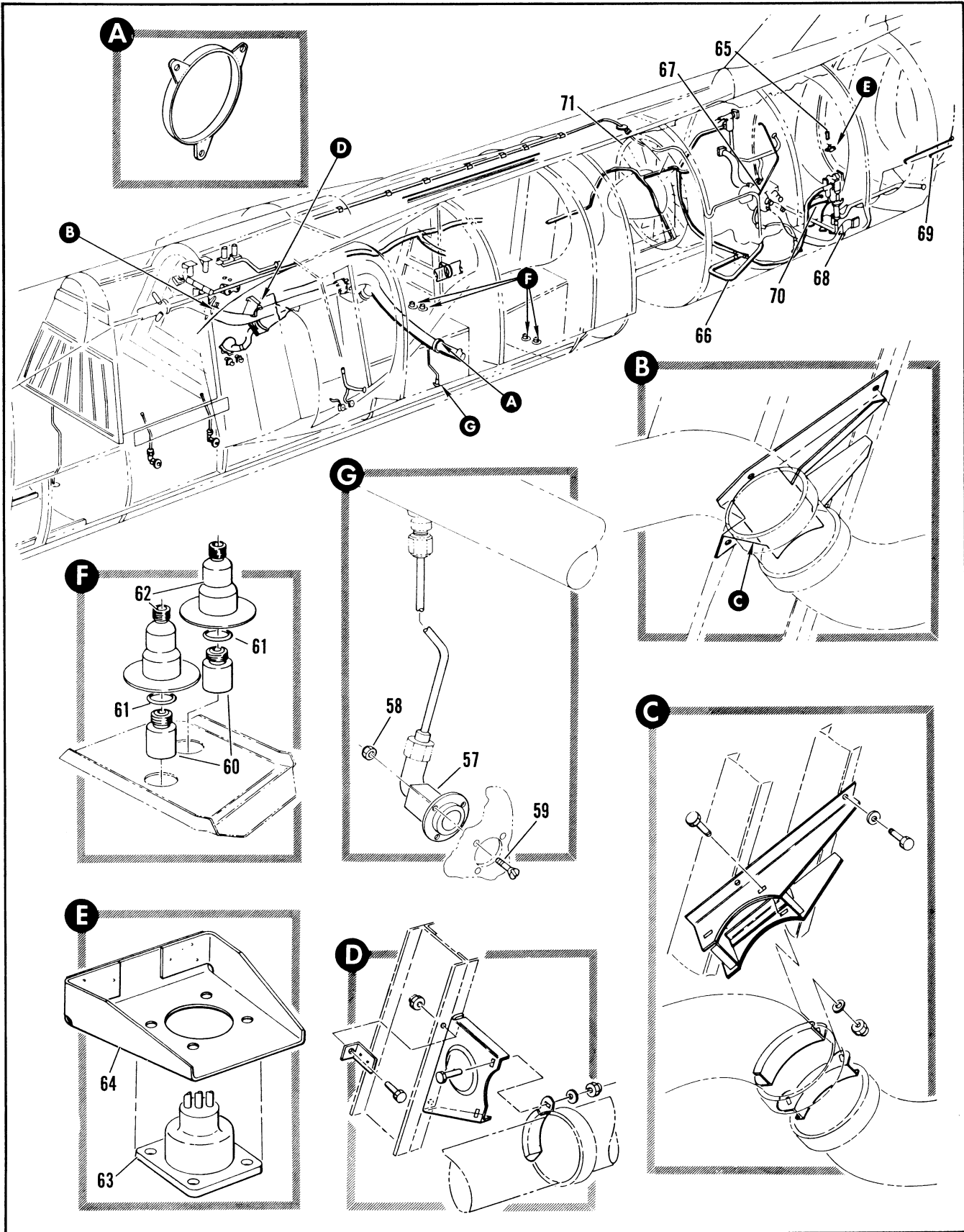


Figure 2.12-38. Fuselage Fuel System (Sheet 4 of 5)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-38	8-28380	• VALVE INSTL, FUEL TRANSFER DRAIN LH FOR NHA SEE FIG. 2.3-10	RF		
	8-28380-1	• VALVE INSTL, FUEL TRANSFER DRAIN RH FOR NHA SEE FIG. 2.3-10	RF	35	
- 57	8858	• • VALVE ASSY, <91511> 92-13200-001 ATTACHING PARTS	1	35	
- 58	NAS679A3	• • NUT, 96-37545-002	3	35	
- 59	AN509-10R10	• • SCREW T.O. 6J15-4-35-3 -----X-----	3	35	
	8-28419	• VALVE INSTL, REFUEL AND AIR PRESSURE LINES DRAIN STA 778 FOR NHA SEE FIG. 2.3-11	RF		
- 60	150B	• • VALVE ASSY, <91511> 92-12501-002	2	35	
- 61	MS29512-6	• • GASKET	2	35	
	8-28419-1	• FITTING INSTL, REFUEL AND AIR PRESSURE LINES DRAIN STA 380 LH FOR NHA SEE FIG. 2.3-12	RF	35	
	8-28419-2	• FITTING INSTL, REFUEL AND AIR PRESSURE LINES DRAIN STA 380 RH FOR NHA SEE FIG. 2.3-12	RF	35	
- 62	8-28317	• • FITTING, REFUEL PRESSURE LINE DRAIN VALVE	2	35	
	8-28372-1	• SWITCH INSTL, FUSELAGE FUEL TRANSFER EMERGENCY PRESSURE FOR NHA SEE FIG. 2.3-15	RF	35	159
	8-28372-3	• SWITCH INSTL, FUSELAGE FUEL TRANSFER EMERGENCY PRESSURE FOR NHA SEE FIG. 2.3-15	RF	160	
- 63	40064	• • SWITCH, EMERGENCY PRESSURE <98505> SPEC 8-02986-1 T.O. MS2-3-57-73 ATTACHING PARTS	1	35	
	AN3H3A	• • BOLT	4	35	
	AN960010L	• • WASHER -----X-----	4	35	
- 64	8-28372-7	• • SUPPORT ASSY, RIVETED	1	35	159
	8-28372-13	• • SUPPORT ASSY, RIVETED	1	160	
	8-28376	• VALVE INSTL, FUSELAGE T TANK SCAVENGE AIR PRESSURE FOR NHA SEE FIG. 2.3-15	RF	35	
- 65	V21150	• • VALVE, SOLENOID OPERATED AIR SHUTOFF <95487> SPEC 8-00381-7 ATTACHING PARTS	1	35	
	AN3C22A	• • BOLT	2	35	
	AN960010L	• • WASHER -----X-----	2	35	
- 66	MS21919H26	• • CLAMP	1	35	
	NAS679A3	• • NUT	1	35	
	NAS221-6	• • SCREW	1	35	
- 67		• EQUIPMENT INSTL, FUEL TANK PRESSURE SEE FIG. 2.12-58	RF		
- 68		• EQUALIZER INSTL, FUEL FLOW SEE FIG. 2.12-60	RF		
		• TUBING INSTL, ENGINE FUEL SUPPLY SEE FIG. 2.12-65	RF		
- 69		• HOSE ASSY, AFTER BURNER DRAIN SEE FIG. 2.10-7 INDEX 176	RF		
- 70		• TUBING INSTL, POWER PLANT VENT AND DRAIN SEE FIG. 2.10-18	RF		
- 71		• ENGINE ASSY, SEE FIG. 2.10-7 INDEX 216	RF		

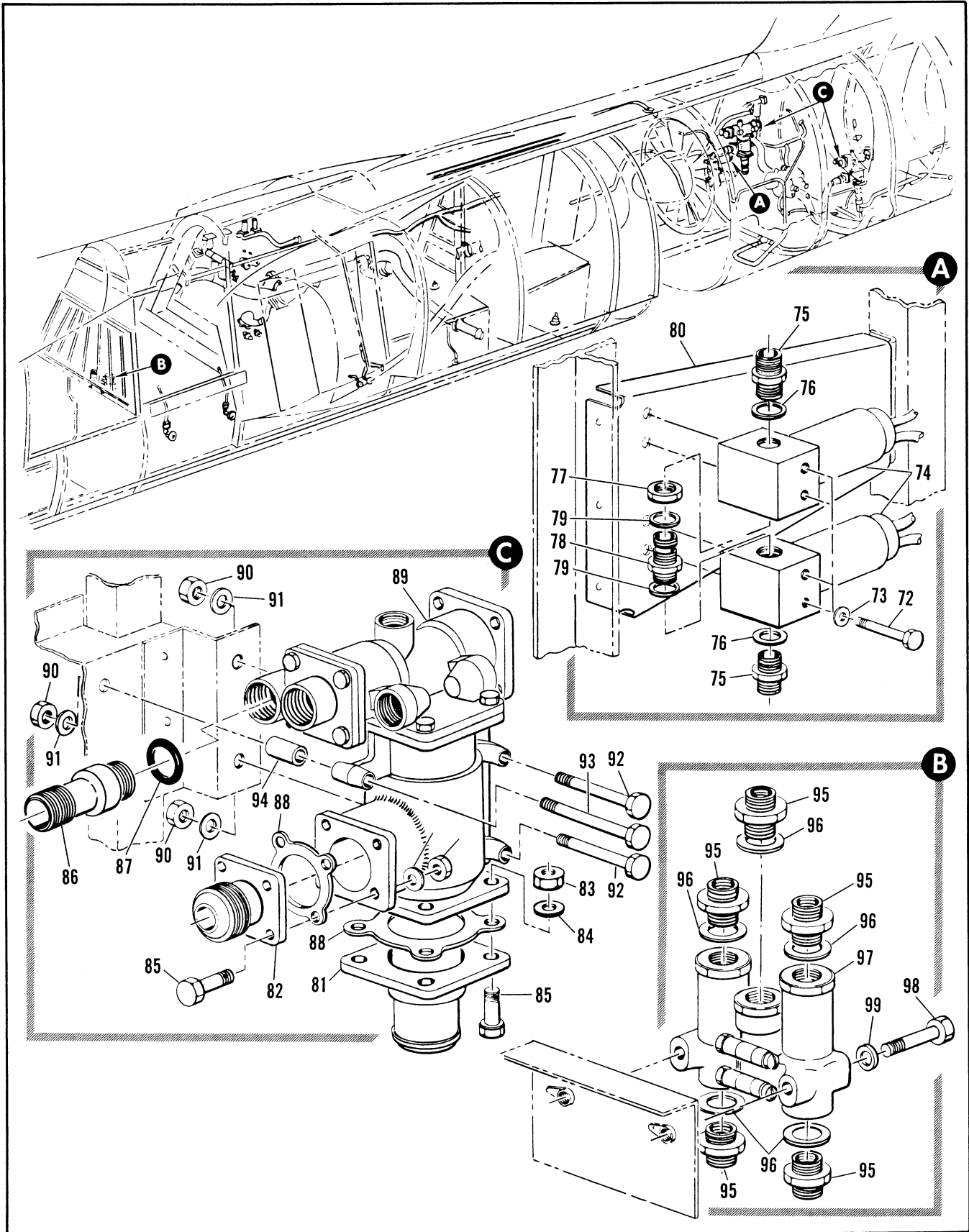


Figure 2.12-38. Fuselage Fuel System (Sheet 5 of 5)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-38	8-28255	• VALVE INSTL, SOLENOID AIR SHUTOFF RH FOR NHA SEE FIG. 2.3-15	RF	35	
- 72	AN3-22A	• • BOLT	4	35	
- 73	AN960D10L	• • WASHER	4	35	
- 74	V21100	• • VALVE ASSY, <96487> SPEC 8-00381-7 T.O. 6J15-10-107-3	2	35	
- 75	MS2190206	• • UNION	2	35	
- 76	NAS617-6	• • BASKET	2	35	
- 77	AN924-6D	• • NUT	1	35	
- 78	MS2190306	• • UNION	1	35	
- 79	NAS617-6	• • BASKET	2	35	
- 80	8-28265-7	• • BRACKET	1	35	
	8-27380-801	• REGULATOR INSTL, AIR PRESSURE TRANSFER TANK LH FOR NHA SEE FIG. 2.3-15	RF	35	
	8-27380-802	• REGULATOR INSTL, AIR PRESSURE TRANSFER TANK RH FOR NHA SEE FIG. 2.3-15	RF	35	
- 81	AN757D20-24	• • CONNECTOR	1	35	
- 82	AN767D20-24	• • CONNECTOR	1	35	
		ATTACHING PARTS			
- 83	NAS679A4	• • NUT	8	35	
- 84	AN960D416L	• • WASHER	8	35	
- 85	AN4-10A	• • BOLT	8	35	
		-----X-----			
- 86	8-28388-9	• • UNION, ORIFICE TYPE	1	35	
- 87	NAS617-6	• • BASKET	1	35	
- 88	460-615-24	• • SEAL, 83295 97-93503-803	2	35	
- 89	114100-29	• • REGULATOR ASSY, AIR PRESSURE TRANSFER TANK <96124> SPEC 8-00377-29	1	35	
		ATTACHING PARTS			
- 90	NAS679A4	• • NUT	3	35	
- 91	AN960D416L	• • WASHER	3	35	
- 92	AN4-15A	• • BOLT	2	35	
- 93	AN4-22A	• • BOLT	1	35	
		-----X-----			
- 94	NAS43DD4-4D	• • SPACER	1	35	
	8-28293-1	• VALVE INSTL, FUEL TANK AIR CHECK LH FOR NHA SEE FIG. 2.3-15	RF	35	159
	8-28293-3	• VALVE INSTL, FUEL TANK AIR CHECK LH FOR NHA SEE FIG. 2.3-15	RF	160	
	8-28293-2	• VALVE INSTL, FUEL TANK AIR CHECK RH FOR NHA SEE FIG. 2.3-15	RF	35	
- 95	MS2190206	• • UNION	5	35	
- 96	NAS617-6	• • BASKET	5	35	
- 97	1111-565531	• • VALVE ASSY, <92003> SPEC 8-02465-1 T.O. 6J15-2-105-13	1	35	
		ATTACHING PARTS			
- 98	AN4-22A	• • BOLT	2	35	
- 99	AN960C416L	• • WASHER	2	35	
		-----X-----			

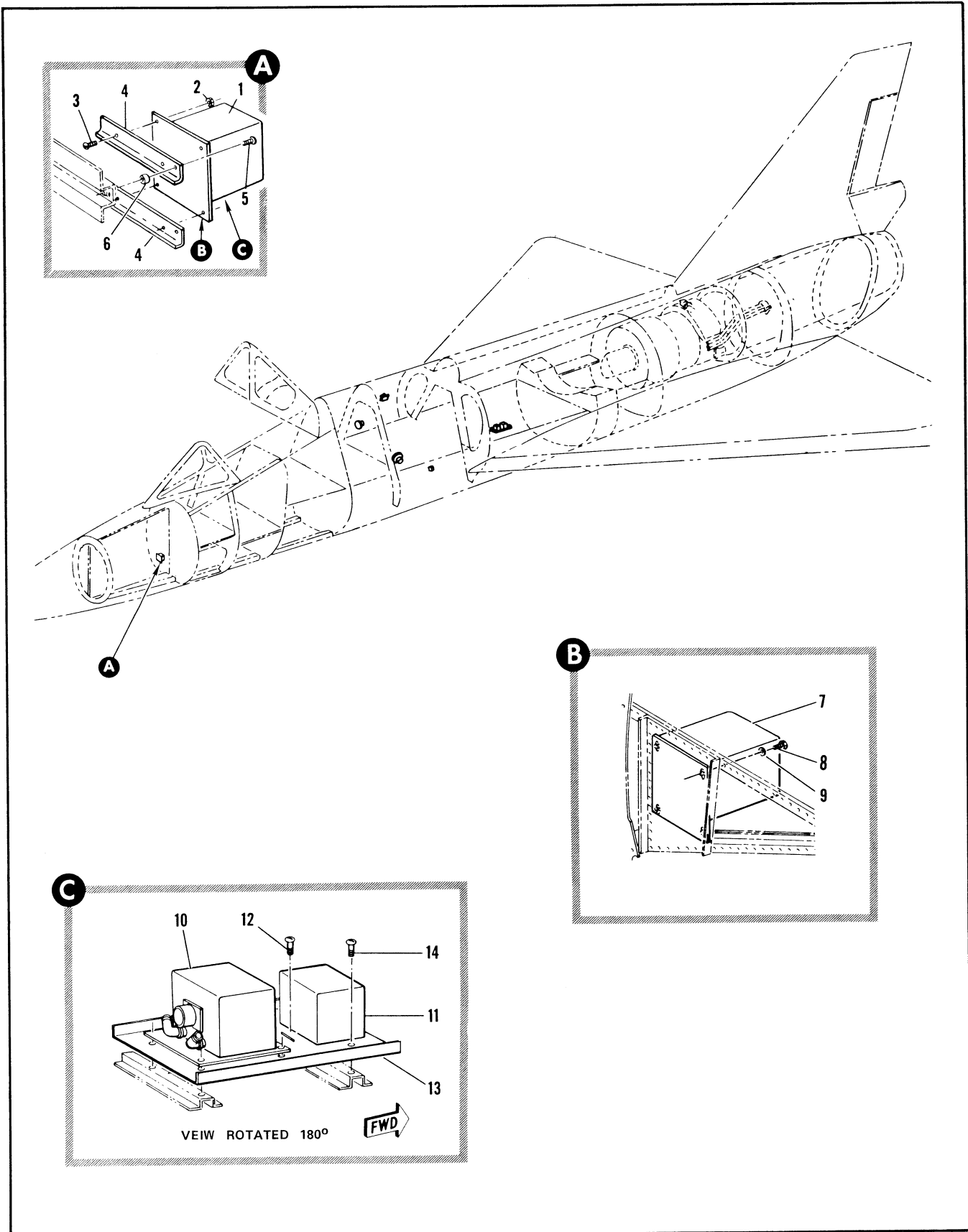


Figure 2.12-39. Fuselage Fuel Electrical (Sheet 1 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-39	8-65095-805	FUSELAGE FUEL ELECTRICAL • SWITCH INSTL, ALTITUDE PRESSURE RATIO CG TRANSFER UNIT	RF	A	
	8-65095-807	• SWITCH INSTL, ALTITUDE PRESSURE RATIO CG TRANSFER MODIFIED BY 8-65309	RF	B	
- 1	45529	• • SWITCH, AIR PRESSURE RATIO <72737> SPEC 8-06485-1 T.O. 8S2-3-106-4	1	A	
	4726A	• • SWITCH, AIR PRESSURE, RATIO (72737) SPEC 8-06485-1 T.O. 8S2-3-106-4 REPLACES 45529	1		
		ATTACHING PARTS			
- 2	NAS679A08	• • NUT	4	A	
- 3	AN5-5-8R7	• • SCREW -----X-----	4	A	
- 4	8-65095-37	• • SUPPORT, AIR PRESSURE RATIO SWITCH ATTACHING PARTS	2	A	
- 5	AN520-10R10	• • SCREW	4	A	
- 6	NAS43DD3-12	• • SPACER -----X-----	4	A	
- 7	45529	• • SWITCH, AIR PRESSURE RATIO <72737> SPEC 8-06485-1	1	B	
	4726A	• • SWITCH, AIR PRESSURE RATIO (72737) SPEC 8-06485-1 REPLACES 45529	1		
		ATTACHING PARTS			
- 8	AN3C4A	• • BOLT	4	B	
- 9	AN960PD10L	• • WASHER -----X-----	4	B	
- 10	45529	• • SWITCH, AIR PRESSURE RATIO <81920> SPEC 8-06485-1 T.O. 8S2-3-106-4	1	B	
	4726A	• • SWITCH, AIR PRESSURE RATIO (81920) SPEC 8-06485-1 T.O. 8S2-3-106-4 REPLACES 45529	1		
- 11	2059	• • SWITCH, ALTITUDE PRESSURE <81920> SPEC 8-06473-1	1	B	
		ATTACHING PARTS			
- 12	AN520-8R8	• • SCREW -----X-----	6	R	
- 13	8-69651-13	• • PLATE ASSY, SWITCH SUPPORT RIVETED ATTACHING PARTS	1	B	
- 14	AN529-10R7	• • SCREW -----X-----	4	B	
		A AIRPLANES #35 THRU 47 AND 49 THRU 89 B AIRPLANES #48, 90 AND ON			

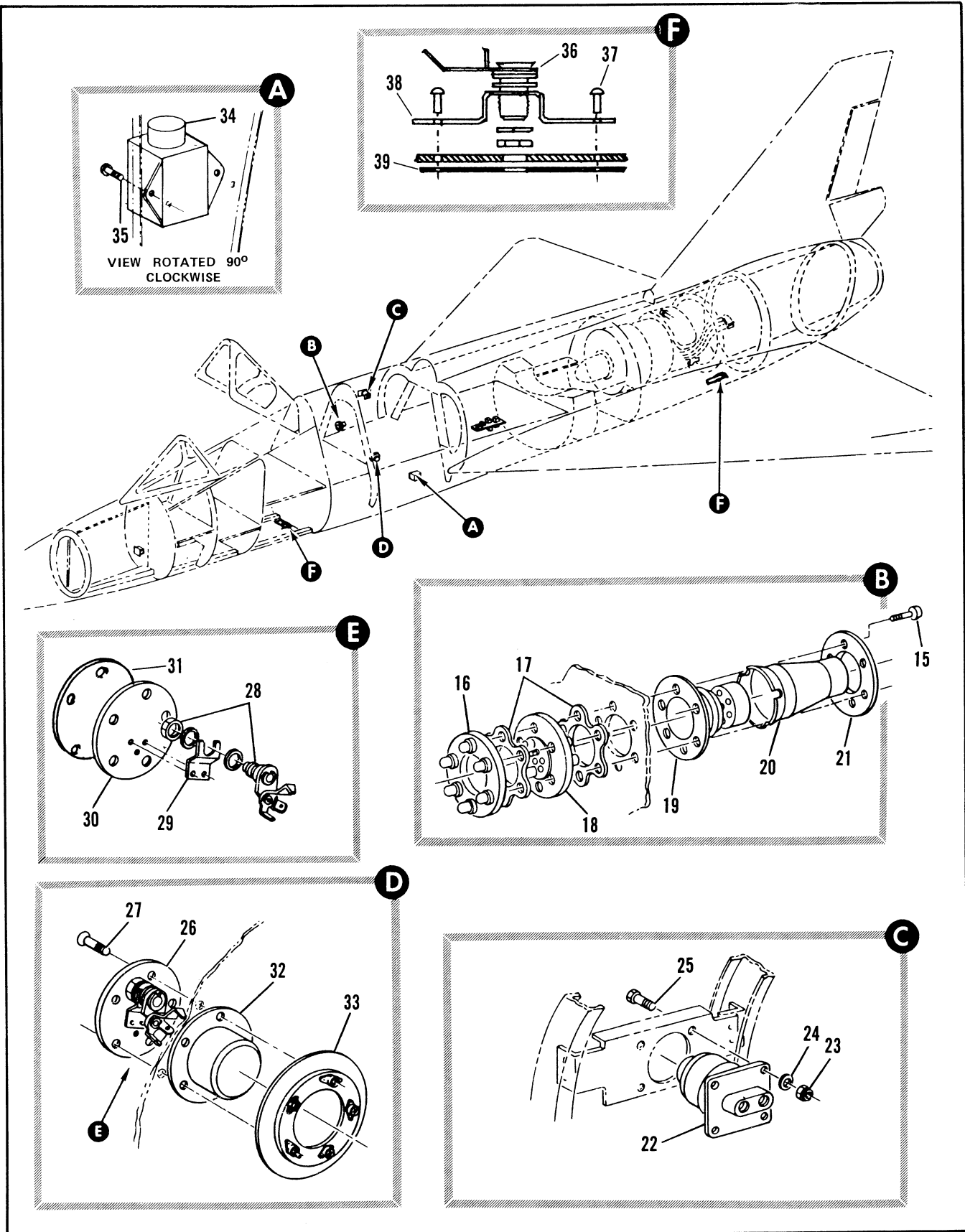


Figure 2.12-39. Fuselage Fuel Electrical (Sheet 2 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-39	8-61035	<ul style="list-style-type: none"> • RECEPTACLE INSTL, FUSELAGE FUEL TANK STA 253 	1	35	
- 15	MS20004-14	<ul style="list-style-type: none"> • • BOLT 	6	35	
- 16	8-21321	<ul style="list-style-type: none"> • • FLANGE ASSY, RIVETED 	1	35	
- 17	100154-1	<ul style="list-style-type: none"> • • SEAL, FUEL <83259> SPEC 8-02396 	2	35	
- 18	YHS842	<ul style="list-style-type: none"> • • RECEPTACLE, <09922> SPEC 8-06315 	1	35	
- 19	6719	<ul style="list-style-type: none"> • • RING, <97820> SPEC 8-06242 	1	35	
- 20	YHS828	<ul style="list-style-type: none"> • • BOOT, <09922> 91-38301-002 	1	35	
- 21	8-69273	<ul style="list-style-type: none"> • • RETAINER, FOOT 	1	35	
	8-28367	<ul style="list-style-type: none"> • SWITCH INSTL, CG TRANSFER EMER PRESSURE FOR NHA SEE FIG. 2.3-3 INDEX 20 	RF	35	
- 22	40111	<ul style="list-style-type: none"> • • SWITCH INSTL, CG TRANSFER EMERGENCY PRESSURE <98505> SPEC 8-02986-9 T.O. 9S2-2-44-63 ATTACHING PARTS 	1	35	
- 23	NAS679A3	<ul style="list-style-type: none"> • • NUT, 96-37545-002 	4	35	
- 24	AN960PD10	<ul style="list-style-type: none"> • • WASHER 	4	35	
- 25	AN3-4A	<ul style="list-style-type: none"> • • BOLT 	4	35	
	8-92703	<ul style="list-style-type: none"> • JACK INSTL, GROUND FUEL LOADING NOZZLE FOR NHA SEE FIG. 2.3-13 INDEX 7 	RF	35	
- 26	8-92703-7	<ul style="list-style-type: none"> • • DOOR ASSY, GROUND FUEL NOZZLE JACK RH ATTACHING PARTS 	1	35	
- 27	AN509-10R6	<ul style="list-style-type: none"> • • SCREW 	5	35	
- 28	6J1	<ul style="list-style-type: none"> • • • JACK, <37942> 95-10503-001 	1	35	
- 29	8-92703-11	<ul style="list-style-type: none"> • • • CLIP 	1	35	
- 30	8-92703-9	<ul style="list-style-type: none"> • • • DOOR 	1	35	
- 31	67034662-5	<ul style="list-style-type: none"> • • DECAL 	1	35	
- 32	8-92702	<ul style="list-style-type: none"> • • BOX ASSY, JACK WELDED 	1	35	
- 33	8-92704	<ul style="list-style-type: none"> • • RETAINER 	1	35	
- 34	8-62231-1	<ul style="list-style-type: none"> • RELAY INSTL, FUEL TRANSFER TEST 	RF	35	
	9220-3435	<ul style="list-style-type: none"> • • RELAY, STA 157 <35344> SPEC 8-06289-3 REPLACES INTCHG WITH 9220-3455 ATTACHING PARTS 	1	35	
- 35	AN520-10R7	<ul style="list-style-type: none"> • • SCREW 	2	35	
- 36	MS90298-1	<ul style="list-style-type: none"> • • RECEPTACLE (AN3117-1 ALT) ATTACHING PARTS 	1	35	
- 37	AN935-616L	<ul style="list-style-type: none"> • • WASHER, LOCK 	1	35	
- 38	MS20426AD5-14	<ul style="list-style-type: none"> • • PIVET 	2	35	
- 38	68C37343-7	<ul style="list-style-type: none"> • • BRACKET 	1	35	
- 39	68B45894	<ul style="list-style-type: none"> • • DECAL 	1	35	

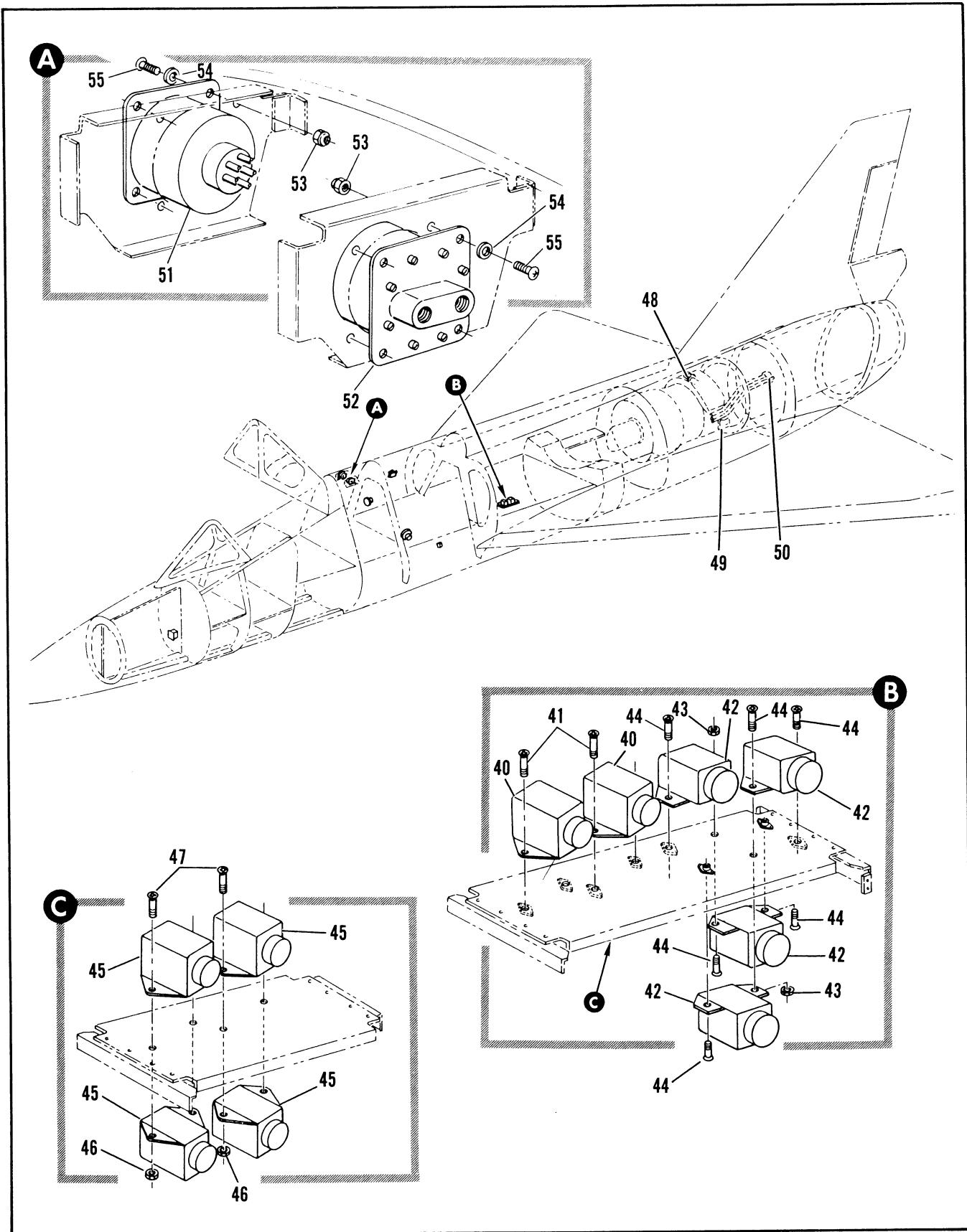


Figure 2.12-39. Fuselage Fuel Electrical (Sheet 3 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-39	8-65121-1	• RELAY INSTL, FUEL TRANSFER	RF	35	38
- 40	9220-3435	• • RELAY, (35344) SPEC 8-06249-3 ATTACHING PARTS	2	35	38
- 41	AN520-10R6	• • SCREW	4	35	38
- 42	64-564	-----X----- • • RELAY, <96261> SPEC 8-06956 ATTACHING PARTS	4	35	38
- 43	NAS679A3	• • NUT	2	35	38
- 44	AN520-10R6	• • SCREW	6	35	38
	8-65121-5	-----X----- • RELAY INSTL, FUEL TRANSFER	RF	39	
- 45	9220-3435	• • RELAY (35344) SPEC 8-06249-3 ATTACHING PARTS	4	39	
- 46	NAS679A3	• • NUT	4	39	
- 47	AN520-10R6	• • SCREW	4	39	
- 48		-----X----- • SWITCH, ENGINE FUEL PRESSURE SEE FIG. 2.12-65 INDEX 23	RF		
- 49		• TRANSMITTER, RATE OF FUEL FLOW SEE FIG. 2.10-7 INDEX 160	RF		
- 50		• SENSOR, ENGINE FUEL TEMPERATURE ENVELOPE SEE FIG. 2.10-7 INDEX 39	RF		
	8-28414	• SWITCH INSTL, FUSELAGE TANK LOW PRESSURE AND EMERGENCY PRESSURE FOR NHA SEE FIG. 2.3-10	RF	35	
- 51	40064	• • SWITCH ASSY, DIFFERENTIAL PRESSURE <98505> SPEC 8-22986-1	1	35	
- 52	40111	• • SWITCH ASSY, DIFFERENTIAL PRESSURE <98505> SPEC 8-22986-9 ATTACHING PARTS	1	35	
- 53	NAS679A3	• • NUT	8	35	
- 54	AN960010L	• • WASHER	8	35	
- 55	NAS221-6	• • SCREW	8	35	
		-----X-----			

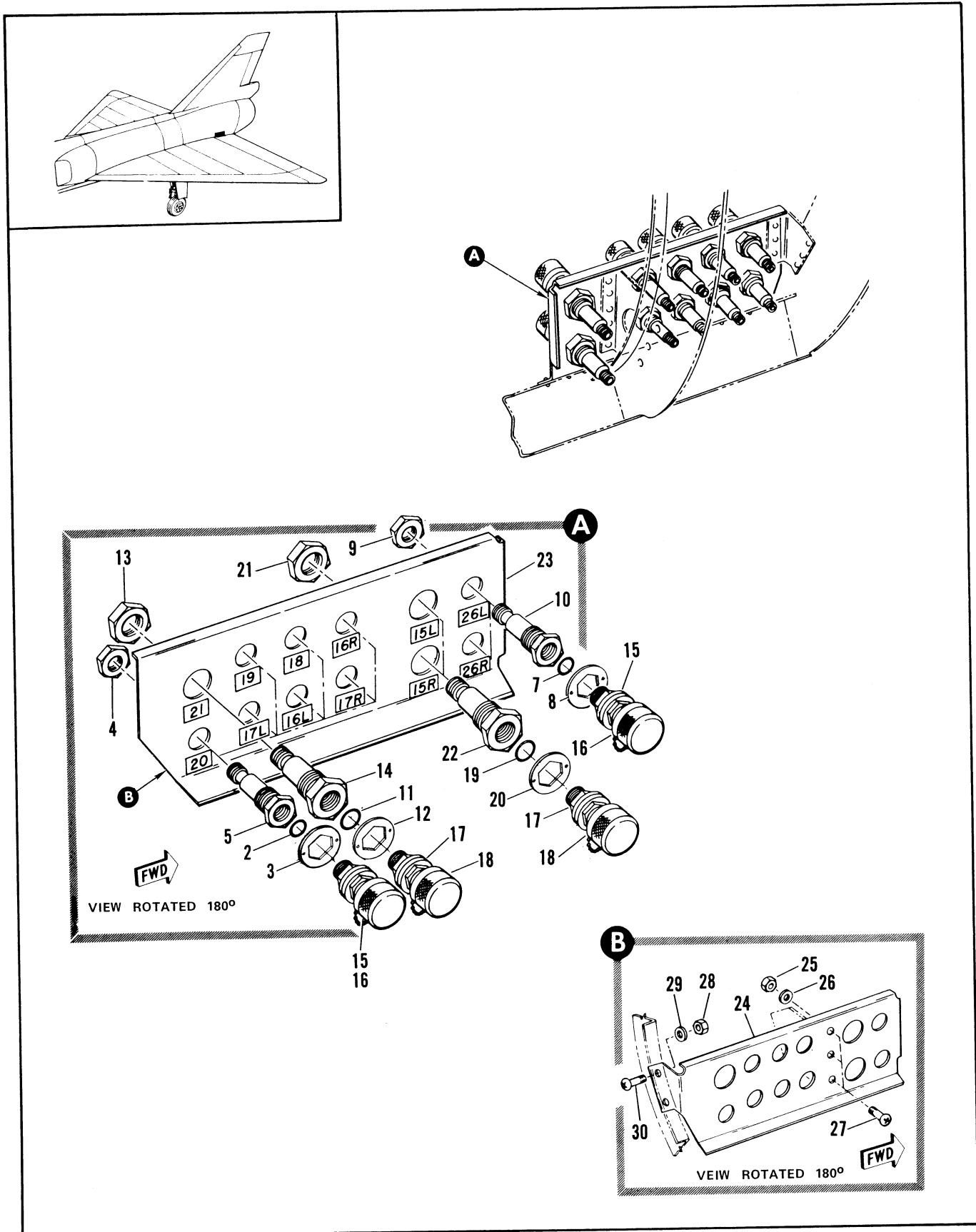


Figure 2.12-40. Fuel System Checkout Panel Aft Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-40	8-28409	PANEL INSTALLATION, FUEL SYSTEM CHECKOUT AFT FOR NHA SEE FIG. 2.3-15	RF	A	
	8-28409-1	PANEL INSTALLATION, FUEL SYSTEM CHECKOUT AFT FOR NHA SEE FIG. 2.3-15	RF	B	
	6-28409-3	PANEL INSTALLATION, FUEL SYSTEM CHECKOUT AFT FOR NHA SEE FIG. 2.3-15	RF	216	240
	8-28409-5	PANEL INSTALLATION, FUEL SYSTEM CHECKOUT AFT FOR NHA SEE FIG. 2.3-15	RF	241	
- 1	1119-588270	• FITTING, <92003> SPEC 8-09922-9	7	35	89
- 2	NAS617-5	• GASKET	7	35	
- 3	8-28522-7	• ADAPTER, FITTING LOCKWIRE	7	35	
- 4	AN924-80	• NUT	7	35	
- 5	8-28415-7	• ADAPTER	7	35	
- 6	1119-588270	• FITTING, <92003> SPEC 8-09922-9	2	35	
- 7	NAS617-5	• GASKET	2	35	
- 8	8-28522-7	• ADAPTER, FITTING LOCKWIRE	2	35	
- 9	AN924-80	• NUT	2	35	
- 10	8-28415-7	• ADAPTER	2	35	
- 11	NAS617-6	• GASKET	1	0	
- 12	8-28522-7	• ADAPTER, FITTING LOCKWIRE	1	216	
- 13	AN924-100	• NUT	1	0	
- 14	8-28415-9	• ADAPTER	1	0	
- 15	1119-588270	• FITTING FUEL CHECK OUT <92003> SPEC 8-9922-9<APPLICABLE TO TEST POINTS #16, 17, 18, 19, 20, AND 26>	6	A	
- 16	F60F1249	• DUST CAP	5		
- 17	1119-588272	• FITTING <92003> SPEC 8-09922-13 APPLICABLE TO TEST POINTS #15 AND 21>	2	90	35
- 18	F60F1251	• DUST CAP	2		
- 19	NAS617-6	• GASKET	2	35	
- 20	8-28522-7	• ADAPTER, FITTING LOCKWIRE	2	216	
- 21	AN924-100	• NUT	2	35	
- 22	8-28415-9	• ADAPTER	2	35	
- 23	8-28409-15	• PANEL	1	216	240
- 24	8-28409-19	• PANEL	1	241	
- 25	NAS679A3	ATTACHING PARTS			
- 26	AN960-10L	• NUT	3	241	
- 27	NAS623-3-2	• WASHER	3	241	
- 28	NAS679A3	• SCREW	8	241	
- 29	AN960-10L	• NUT	2	241	
- 30	NAS623-3-3	• WASHER	2	241	
		• SCREW	2	241	
		-----X-----			
		*A ADDED ON AIRPLANES #35 THRU 215 PER TCT01F-106A-515			
		A AIRPLANES #35 THRU 47 AND 49 THRU 60			
		B AIRPLANES #48 AND 61 THRU 215			
		D AIRPLANES #48, 61 AND ON			

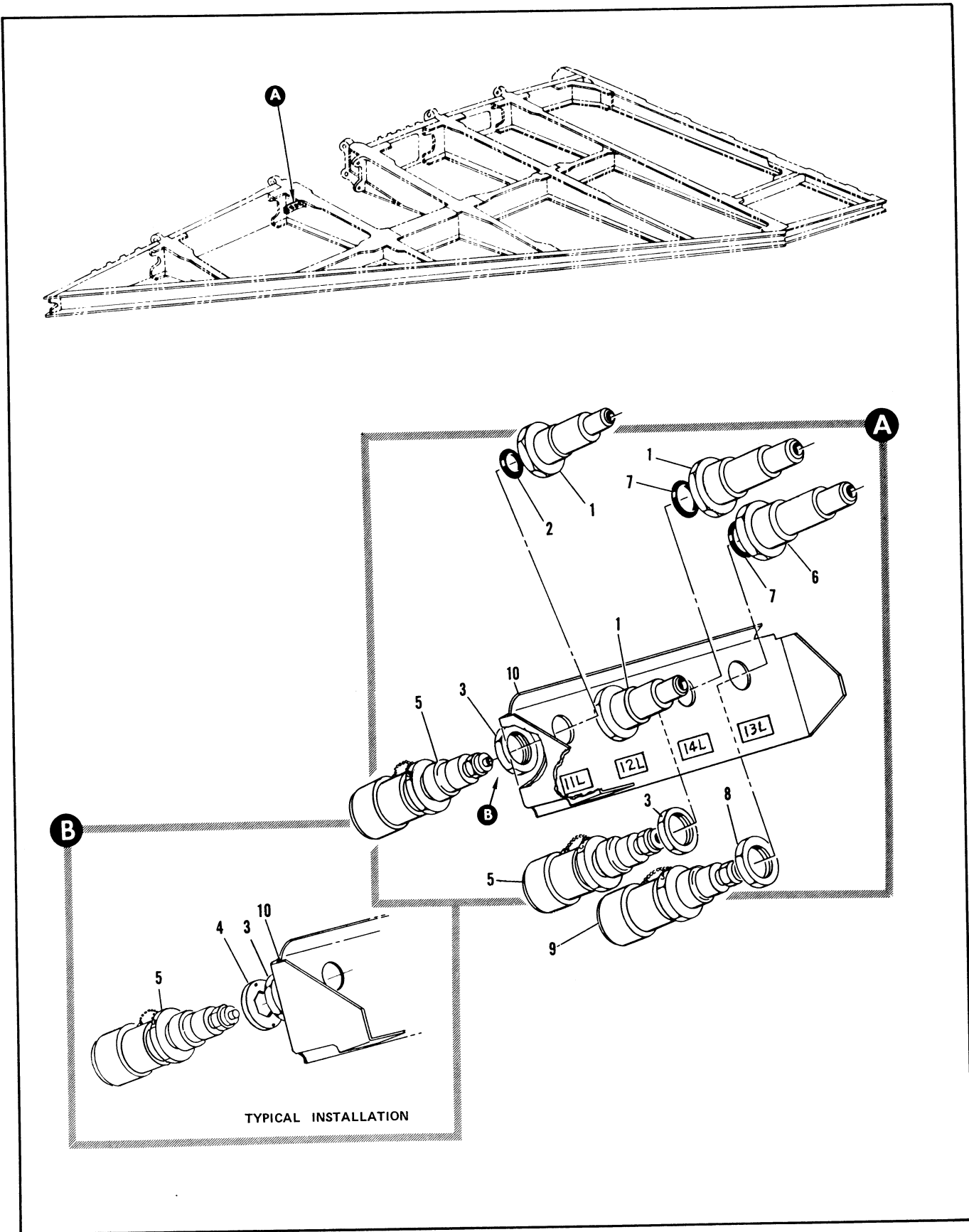


Figure 2.12-41. Fuel System Checkout Intermediate Panel Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE						
				FROM	TO					
				1	2	3	4	5	6	
2.12-41	8-28410-1	PANEL INSTALLATION, FUEL SYSTEM CHECK OUT INTERMEDIATE LH FOR NHA SEE FIG. 2.6-32	RF	35						
	8-28410-2	PANEL INSTALLATION, FUEL SYSTEM CHECK OUT INTERMEDIATE RH FOR NHA SEE FIG. 2.6-32	RF	35						
- 1	8-28415-7	• ADAPTER	2	35						
- 2	NAS617-5	• PACKING	2	35						
- 3	AN924-AD	• NUT	2	35						
- 4	8-28422	• ADAPTER	4	196						
- 5	1119-588270	• FITTING FUEL CHECK <92003> SPEC 8-09922-9 <APPLICABLE TO TEST POINTS #11, 12, AND 14>	1							
- 6	8-28415-9	• ADAPTER	2	35						
- 7	NAS617-6	• PACKING	2	35						
- 8	AN924-1CD	• NUT	2	35						
- 9	1119-588272	• FITTING, FUEL CHECK <92003> SPEC 8-09922-13 <APPLICABLE TO TEST POINT #13>	2	90						
- 10	8-28410-7	• BRACKET, LH	1	35						
	8-28410-8	• BRACKET, LH	1	35						

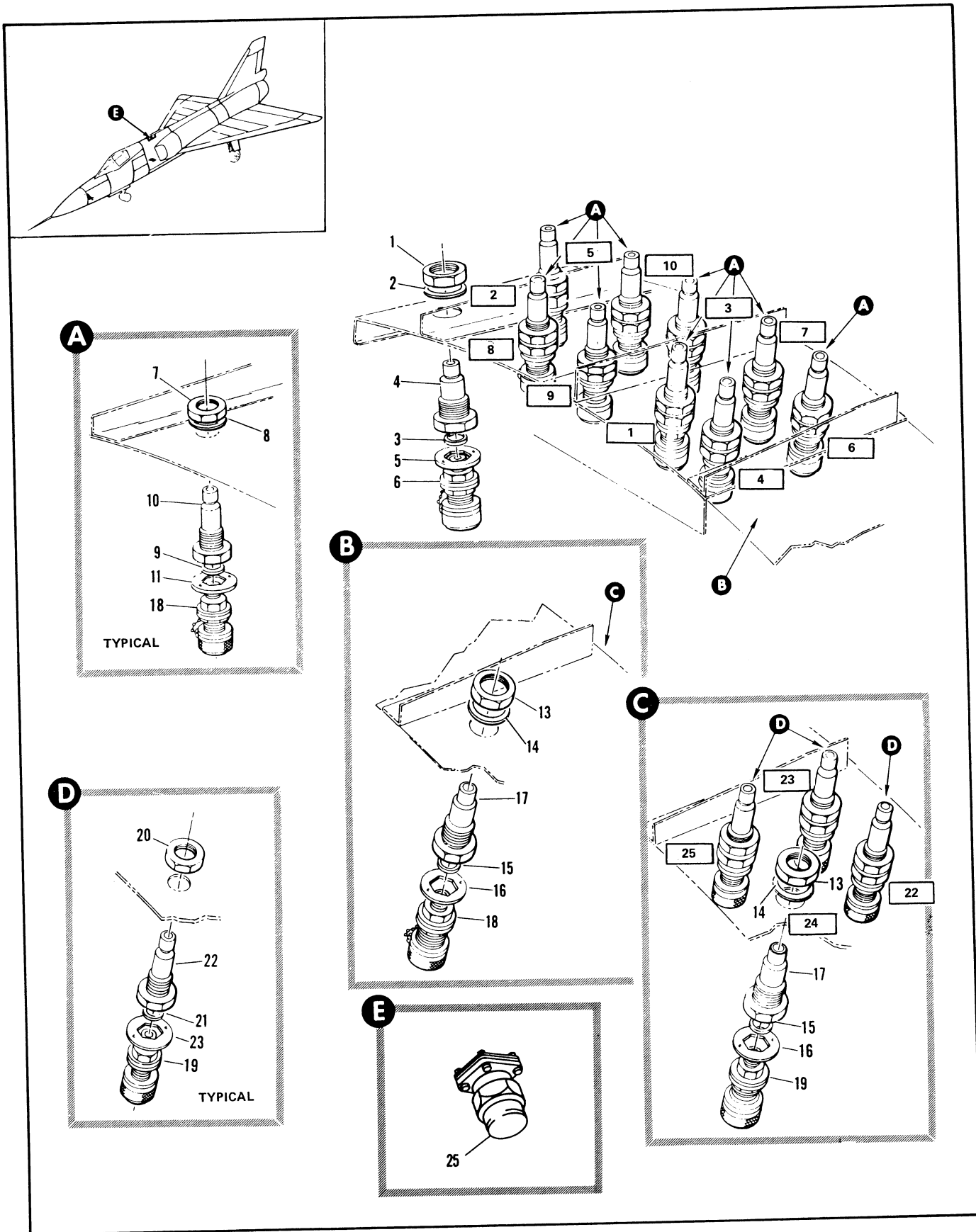


Figure 2.12-42. Fuel System Checkout Adapter Installation Forward

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-42	8-28411	ADAPTER INSTALLATION, FUEL SYSTEM CHECKOUT FWD FOR NHA SEE FIG. 2.3-11	RF	A	
	8-28411-1	ADAPTER INSTALLATION, FUEL SYSTEM CHECKOUT FWD FOR NHA SEE FIG. 2.3-11	RF	B	
	8-28411-3	ADAPTER INSTALLATION, FUEL SYSTEM CHECKOUT FWD FOR NHA SEE FIG. 2.3-11	RF	216	
- 1	AN924-100	• NUT	1	35	
- 2	AN96001416	• WASHER	1	35	
- 3	NAS617-6	• GASKET	1	35	
- 4	8-28415-9	• ADAPTER	1	35	
- 5	8-28522-7	• ADAPTER	1	216	
- 6	1119-588272 *D	• FITTING, <92003> SPEC 8-09922-13 <APPLICABLE TO TEST POINT #5>	1	G	
- 7	AN924-80	• NUT	9	35	
- 8	AN96001216	• WASHER	9	35	
- 9	NAS617-5	• GASKET	9	35	
- 10	8-28415-7	• ADAPTER	9	35	
- 11	8-28522-7	• ADAPTER	9	35	
- 12	1119-588272	• FITTING, <92003> SPEC 8-09922-13	9	F	
- 13	AN924-100 *B	• NUT	1	C	
- 14	AN96001416 *B	• WASHER	1	C	
- 15	NAS617-6 *B	• GASKET	1	C	
- 16	8-28522-7 *B	• ADAPTER	1	216	
- 17	8-28415-9 *B	• ADAPTER	1	C	
- 18	1119-588271	• FITTING, <92003> SPEC 8-09922-13 <APPLICABLE TO TEST POINTS #1, 2, 3, 4, 6, 7, 8, 9, AND 10>	1	90	215
- 19	1119-588272 *A	• FITTING, <92003> SPEC 8-09922-13 <APPLICABLE TO TEST POINTS #22, 23, 24 AND 25>	1	216	
- 20	AN924-80	• NUT	3	216	
- 21	NAS617-5	• GASKET	3	216	
- 22	8-28415-7	• ADAPTER	3	216	
- 23	8-28522-7	• ADAPTER	3	216	
- 24	1119-588272	• FITTING, <92003> SPEC 8-09922-9	3	216	
- 25	8-25723	• FITTING, DEFUEL AIR PRESSURE LINE, MAKE FROM 8-25723-7 REPLACES NOT INTERCHANGEABLE WITH 8-25723	1	35	
	8-25725-7	• FITTING, ALT INTCHG WITH 8-25723	1	35	
	AN929-16	• FITTING	1		
		*A AIRPLANES #35 THRU 60			
		*B AIRPLANES #35 THRU 60 AND RELOCATED FOR AIRPLANES #61 THRU 215			
		A AIRPLANES #35 THRU 47 AND 49 THRU 60			
		B AIRPLANES #48 AND 61 THRU 215			
		C AIRPLANES #48, 61 AND ON			
		D AIRPLANES #48 AND 61 THRU 89			
		E AIRPLANES #35 THRU 47 AND 49 THRU 89			
		F AIRPLANES #48, 90 AND ON			
		G AIRPLANES #48 AND 61 THRU 89			

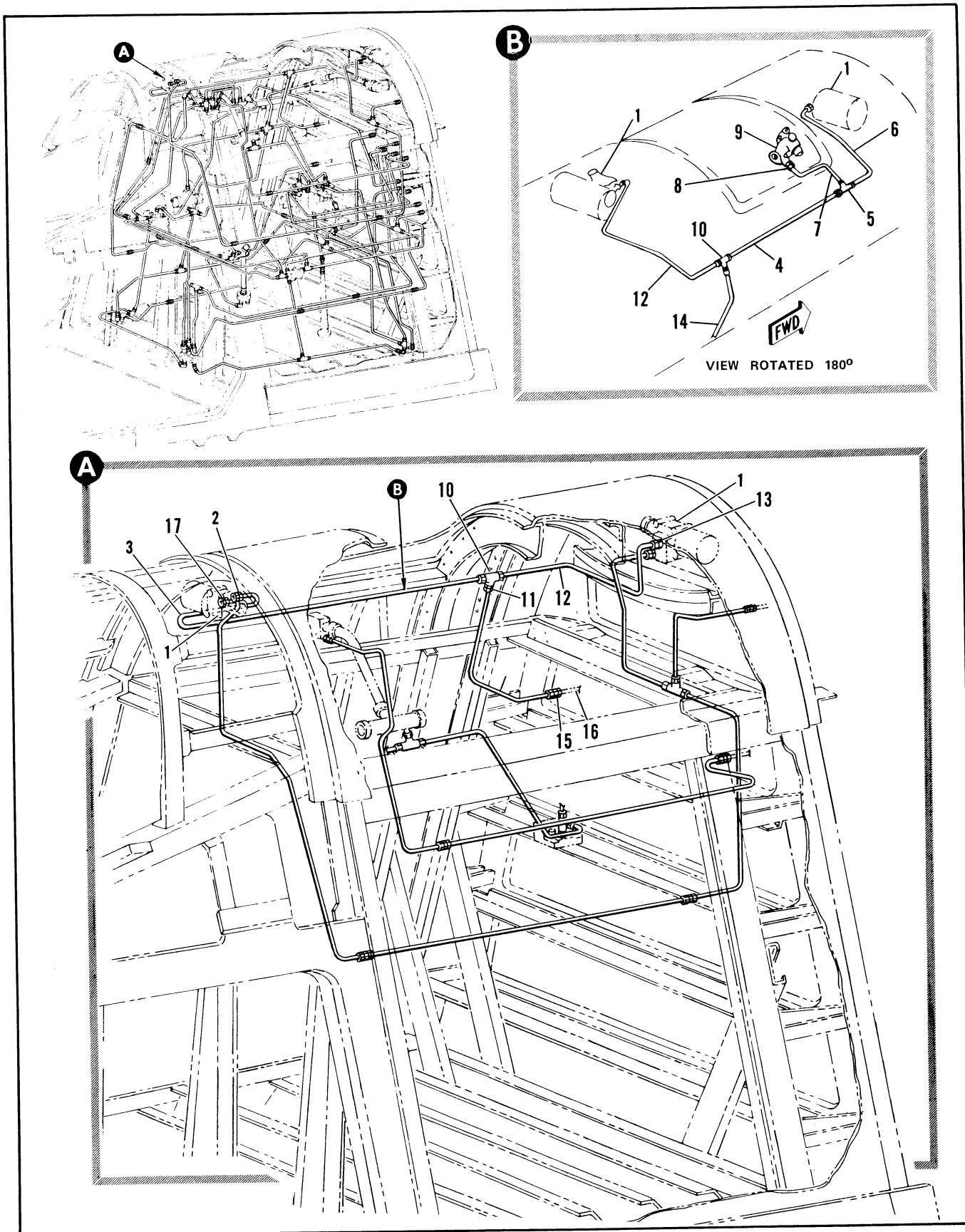


Figure 2.12-43. Fuel Tank Pressure Tubing Installation Sta 217 to 253 (Sheet 1 of 9)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-43	8-20397-829	TUBING INSTALLATION, FUEL TANK PRESSURE STA 217 TO 253 FOR NHA SEE FIG. 2.3-10	RF	35	159
	8-20397-853	TUBING INSTALLATION, FUEL TANK PRESSURE STA 217 TO 253 FOR NHA SEE FIG. 2.3-10	RF	163	
- 1		• VALVE ASSY, VENT SEE FIG. 2.12-53 INDEX 12	RF		
- 2	MS21902D4	• UNION	1	35	
	MS29512-4	• GASKET	1	35	
- 3	8-20397-798	• TUBE ASSEMBLY	1	35	159
	8-20397-3175	• TUBE ASSEMBLY	1	160	
- 4	65A33182-1	• TUBE ASSY, FUSELAGE TANK AMBIENT SENSE LINE	1		
- 5	MS21905D4	• TEE	1		
- 6	65A33180-1	• TUBE ASSY, FUSELAGE TANK AMBIENT SENSE LINE	1		
- 7	65A33194-1	• TUBE ASSY, FUSELAGE TANK AMBIENT SENSE LINE	1		
- 8	MS21902D4	• UNION	1		
	MS29512-4	• GASKET	1		
- 9		• VALVE ASSY, PRESSURE RELIEF SEE FIG. 2.12-51 INDEX 51	RF		
- 10	MS21910D4	• TEE	1	35	
- 11	MS21916D6-4	• REDUCER	1	35	
	MS29512-4	• GASKET	1	35	
- 12	8-20397-1007	• TUBE ASSEMBLY	1	35	159
	8-20397-3177	• TUBE ASSEMBLY	1	160	
- 13	MS21902D4	• UNION	1	35	
	MS29512-4	• GASKET	1	35	
- 14	8-20397-1009	• TUBE ASSEMBLY	1	35	159
	8-20397-3179	• TUBE ASSEMBLY	1	160	
- 15		• UNION, SEE FIG. 2.12-52	RF		
- 16		• TUBE ASSY, SEE FIG. 2.12-45 INDEX 121	RF		
- 17	MS21902D6	• UNION	1	35	
		A REMOVED FROM AIRPLACES 35, 38 THRU 44, 46 THRU 50, 52, 53, 55, 56, 58 THRU 61, 63 THRU 66, 68 THRU 70, 73 THRU 80, 82 THRU 91, 95 THRU 100, 103 THRU 124, 126, 128, THRU 141, 143 THRU 145, 147 THRU 157 AND 159			
		B REMOVED FROM AIRPLANES 160 THRU 167, 169 THRU 173, 175 THRU 179, 180 THRU 198, 200, 201, 203 THRU 215, 217 THRU 226, 228 THRU 235, 237 THRU 241, 244, 245, 247, 248, 250 THRU 252, 254 THRU 267, 269, 270, 272 THRU 279, 281 THRU 286, 288, 290 THRU 294 AND 296 THRU 305			
		C ADDED TO AIRPLANES 35, 36, 38, THRU 44, 46, THRU 50, 52, 53, 55, 56, 58 THRU 61, 63 THRU 66, 68 THRU 70, 73 THRU 80, 82 THRU 91, 95 THRU 100, 103 THRU 124, 126, 128 THRU 141, 143 THRU 145, 147 THRU 157, 159 THRU 167, 169 THRU 173, 175 THRU 178, 180 THRU 198, 200, 201, 203 THRU 215, 217 THRU 226, 228 THRU 235, 237 THRU 241, 244, 245, 247, 248, 250 THRU 252, 254 THRU 267, 269, 270, 272 THRU 279, 281 THRU 286, 288, 290 THRU 294 AND 296 THRU 305 PER T.O. 1F-106-925			

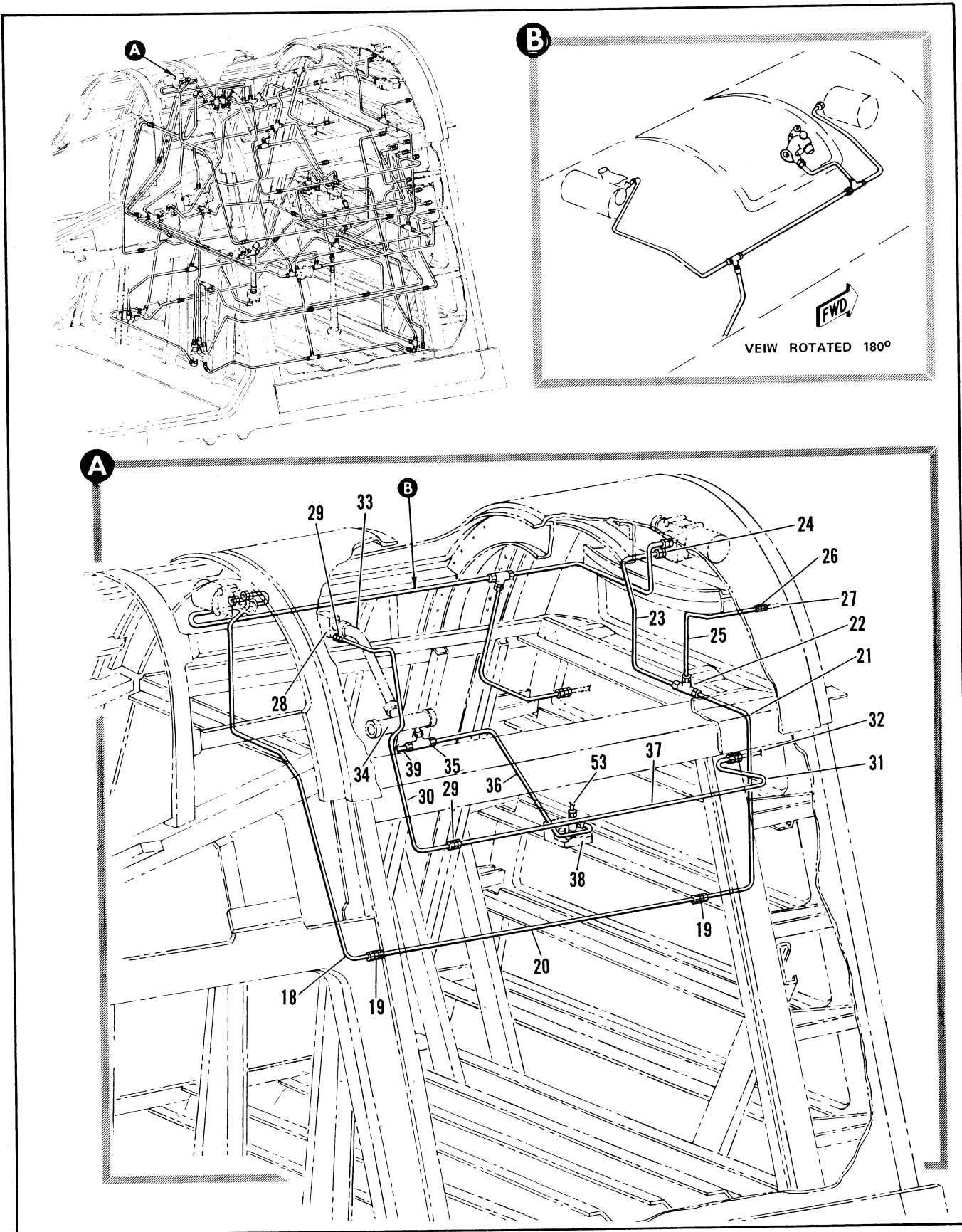


Figure 2.12-43. Fuel Tank Pressure Tubing Installation Sta 217 to 253 (Sheet 2 of 9)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
				1	2	3	4	5	6
2.12-43	MS29512-6	• GASKET	1	35	
- 18	8-20397-718	• TUBE ASSEMBLY	1	35	159
	8-20397-3149	• TUBE ASSEMBLY	1	160	
- 19	MS2190206	• UNION	2	35	
- 20	8-20397-694	• TUBE ASSEMBLY	1	35	159
	8-20397-3135	• TUBE ASSEMBLY	1	160	
- 21	8-20397-756	• TUBE ASSEMBLY	1	35	159
	8-20397-3173	• TUBE ASSEMBLY	1	160	
- 22	MS2190506	• TEE	1	35	
- 23	8-20397-752	• TUBE ASSEMBLY	1	35	159
	8-20397-3169	• TUBE ASSEMBLY	1	160	
- 24	MS2190206	• UNION	1	35	
	MS29512-6	• GASKET	1	35	
- 25	8-20397-754	• TUBE ASSEMBLY	1	35	159
	8-20397-3171	• TUBE ASSEMBLY	1	160	
- 26		• UNION, SEE FIG. 2.12-52	RF		
- 27		• TUBE ASSY, SEE FIG. 2.12-44 INDEX 2	RF		
- 28		• VALVE ASSY, PRESSURE RELIEF SEE FIG. 2.12-51 INDEX 21	RF		
- 29	MS2190204	• UNION	2	35	
	MS29512-4	• GASKET	1	35	
- 30	8-20397-1249	• TUBE ASSEMBLY	1	35	159
	8-20397-2101	• TUBE ASSEMBLY	1	160	
- 31	8-20397-696	• TUBE ASSEMBLY	1	35	159
	8-20397-3137	• TUBE ASSEMBLY	1	160	
- 32		• TUBE ASSY, SEE FIG. 2.12-44 INDEX 176	RF		
- 33	8-20397-593	• TUBE ASSEMBLY	1	35	
- 34		• TUBE ASSY, FUEL TANK VENT SEE FIG. 2.12-49 INDEX 18	RF		
- 35	MS21909D4	• TEE	1	35	
	AN924-4D	• NUT	1	35	
	MS29512-4	• GASKET	1	35	
- 36	8-20397-1247	• TUBE ASSEMBLY	1	35	159
	8-20397-3199	• TUBE ASSEMBLY	1	160	
- 37	MS21912D4	• TEE	1	35	
	AN924-4D	• NUT	1	35	
	MS29512-4	• GASKET	1	35	
- 38		• VALVE ASSY, SEE FIG. 2.12-52 INDEX 28	RF		

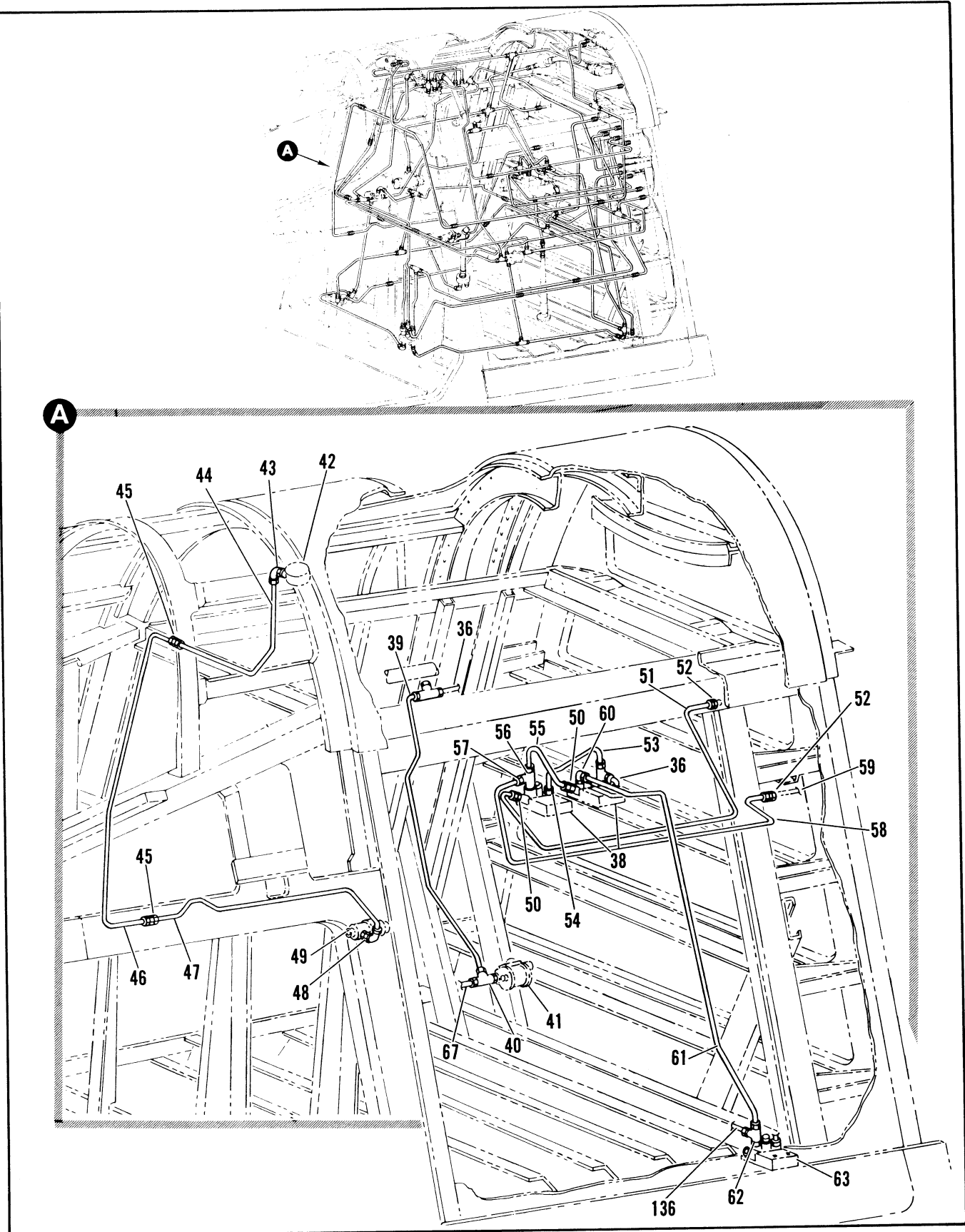


Figure 2.12-43. Fuel Tank Pressure Tubing Installation Sta 217 to 253 (Sheet 3 of 9)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-43- 39	8-20397-704	• TUBE ASSEMBLY	1	35	159
- 40	8-20397-3139	• TUBE ASSEMBLY	1	160	
- 41	MS2191204	• TEE	1	35	
- 42		• VALVE ASSY, AIR SHUT-OFF SEE FIG. 2.12-52 INDEX 20	RF		
- 43		• VALVE ASSY, FUSELAGE TANK PILOT SEE FIG. 2.12-52 INDEX 4	RF		
	MS2190804	• ELBOW	1	35	
	AN924-40	• NUT	1	35	
	MS29512-4	• GASKET	1	35	
- 44	8-20397-1255	• TUBE ASSEMBLY	1	35	159
- 45	8-20397-2107	• TUBE ASSEMBLY	1	160	
- 46	MS2190204	• UNION	2	35	
- 46	8-20397-1261	• TUBE ASSEMBLY	1	35	159
- 47	8-20397-2113	• TUBE ASSEMBLY	1	160	
- 47	8-20397-734	• TUBE ASSEMBLY	1	35	159
- 48	8-20397-3161	• TUBE ASSEMBLY	1	160	
	MS2190804	• ELBOW	1	35	
	AN924-40	• NUT	1	35	
	MS29512-4	• GASKET	1	35	
- 49		• VALVE ASSY, PRESSURE OPERATED PILOT SEE FIG. 2.12-52 INDEX 46	RF		
- 50	MS2190206	• UNION	2	35	
	MS29512-6	• GASKET	2	35	
- 51	8-20397-1241	• TUBE ASSEMBLY	1	35	159
- 51	8-20397-3192	• TUBE ASSEMBLY	1	160	
- 52		• UNION, SEE FIG. 2.12-52	RF		
- 53	8-20397-1245	• TUBE ASSEMBLY	1	35	159
- 53	8-20397-3197	• TUBE ASSEMBLY	1	160	
- 54	MS2190204	• UNION	1	35	
- 55	8-20397-1243	• TUBE ASSEMBLY	1	35	159
- 55	8-20397-3195	• TUBE ASSEMBLY	1	160	
- 56	MS2191006	• TEE	1	35	
- 57	MS2191606-4	• REDUCER	1	35	
	AN924-60	• NUT	1	35	
	MS29512-6	• GASKET	1	35	
- 58	8-20397-1285	• TUBE ASSEMBLY	1	35	159
- 58	8-20397-2133	• TUBE ASSEMBLY	1	160	
- 59		• TUBE ASSY, SEE FIG. 2.12-44 INDEX 118	RF		
- 60	MS2190706	• ELBOW	1	35	
	AN924-60	• NUT	1	35	
	MS29512-6	• GASKET	1	35	
- 61	8-20397-1237	• TUBE ASSEMBLY	1	35	159
- 61	8-20397-3189	• TUBE ASSEMBLY	1	160	
- 62	MS2191206	• TEE	1	35	
	AN924-60	• NUT	1	35	
	MS29512-6	• GASKET	1	35	
- 63		• VALVE ASSY, FUEL TRANSFER SEE FIG. 2.12-52 INDEX 11	RF		

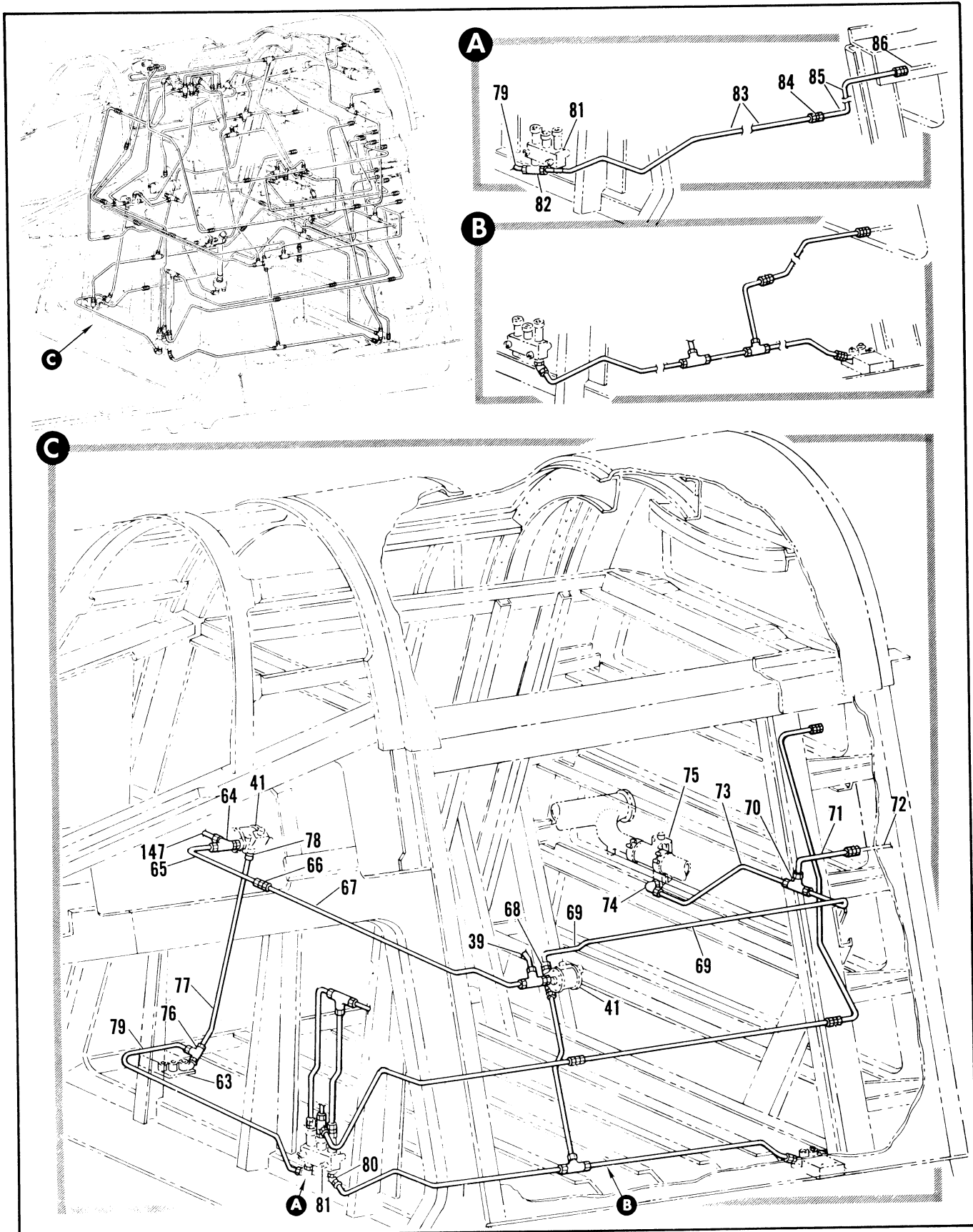


Figure 2.12-43. Fuel Tank Pressure Tubing Installation Sta 217 to 253 (Sheet 4 of 9)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-43- 64	MS21912D4	• TEE	1	35	
	AN924-4D	• NUT	1	35	
	MS29512-4	• GASKET	1	35	
- 65	8-20397-1269	• TUBE ASSEMBLY	1	35	159
	8-20397-2119	• TUBE ASSEMBLY	1	160	
- 66	MS21902D4	• UNION	1	35	
- 67	8-20397-708	• TUBE ASSEMBLY	1	35	159
	8-20397-3141	• TUBE ASSEMBLY	1	160	
- 68	MS21902D6	• UNION	1	35	
	MS29512-6	• GASKET	1	35	
- 69	8-20397-1239	• TUBE ASSEMBLY	1	35	159
	8-20397-3191	• TUBE ASSEMBLY	1	160	
- 70	98-90319-308	• TEE	1	35	
- 71	8-20397-1713	• TUBE ASSEMBLY	1	35	159
	8-20397-2137	• TUBE ASSEMBLY	1	160	
- 72		• TUBE ASSY, SEE FIG. 2.12-44 INDEX 119	RF		
- 73	8-20397-1233	• TUBE ASSEMBLY	1	35	159
	8-20397-3185	• TUBE ASSEMBLY	1	160	215
	8-20397-2935	• TUBE ASSEMBLY	1	216	
- 74	MS21908D6	• ELBOW	1	35	
	AN924-6D	• NUT	1	35	
- 75	MS29512-6	• GASKET	1	35	
		• VALVE ASSY, FUEL TRANSFER SHUT-OFF AFT SEE FIG. 2.12-52 INDEX 86			
- 76	MS21912D6	• TEE	1	35	
	AN924-6D	• NUT	1	35	
	MS29512-6	• GASKET	1	35	
- 77	8-20397-730	• TUBE ASSEMBLY	1	35	159
	8-20397-3159	• TUBE ASSEMBLY	1	160	
- 78	MS21902D6	• UNION	1	35	
	MS29512-6	• GASKET	1	35	
- 79	8-20397-728	• TUBE ASSEMBLY	1	35	159
- 80	MS21908D6	• ELBOW	1	35	215
	AN924-6D	• NUT	1	35	215
	MS29512-6	• GASKET	1	35	215
- 81		• VALVE ASSY, MANIFOLD AIR CHECK FUEL SEE FIG. 2.12-52 INDEX 17	RF		
- 82	98-90319-007	TEE	1	35	
	AN924-6D	• NUT	1		
	MS29512-6	• GASKET	1		
- 83	8-20397-2909	• TUBE ASSEMBLY	1	35	
- 84	MS21902D6	• UNION	1	35	
- 85	8-20397-2911	• TUBE ASSEMBLY	1	35	
- 86		• TUBE ASSY, RH SEE FIG. 2.12-44 INDEX 113	RF		

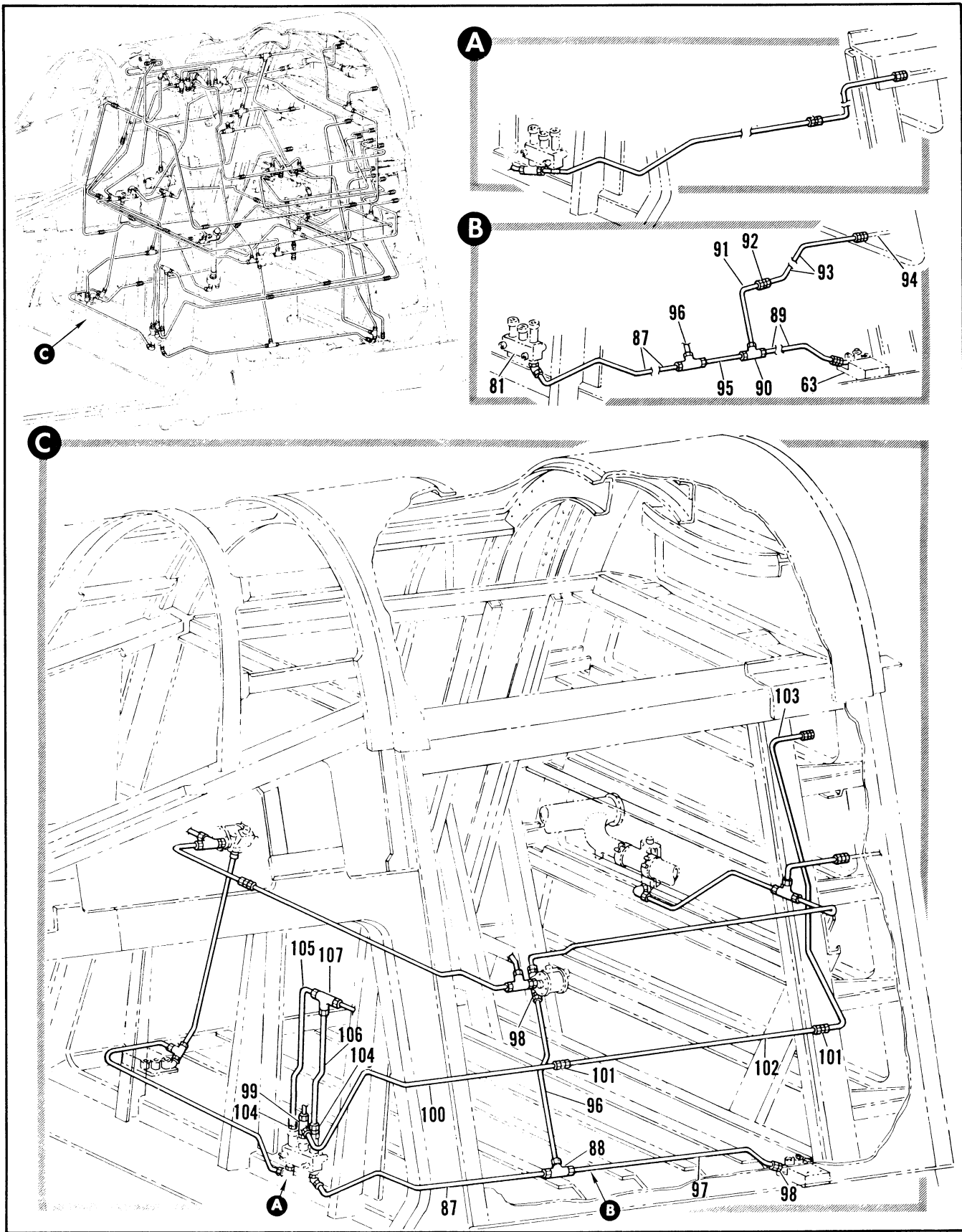


Figure 2.12-43. Fuel Tank Pressure Tubing Installation Sta 217 to 253 (Sheet 5 of 9)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-43- 87	8-20397-724	• TUBE ASSEMBLY	1	35	159
	8-20397-3155	• TUBE ASSEMBLY	1	160	215
- 88	MS2190506	• TEE	1	35	
- 89	8-20397-2915	• TUBE ASSEMBLY	1	35	
- 90	98-97319-008	• TEE	1	35	
- 91	8-20397-2917	• TUBE ASSEMBLY	1	35	
- 92	MS2190204	• UNION	1	35	
- 93	8-20397-2919	• TUBE ASSEMBLY	1	35	
- 94		• TUBE ASSY, SEE FIG. 2.12-44 INDEX 115	RF		
- 95	8-20397-2913	• TUBE ASSEMBLY	1	216	
- 96	8-20397-712	• TUBE ASSEMBLY	1	35	159
	8-20397-3145	• TUBE ASSEMBLY	1	160	
- 97	8-20397-668	• TUBE ASSEMBLY	1	35	159
	8-20397-3133	• TUBE ASSEMBLY	1	160	215
- 98	MS2190206	• UNION	1	35	
	MS29512-6	• GASKET	1	35	
- 99	MS2191206	• TEE	1	35	
	AN924-60	• NUT	1	35	
	MS29512-6	• GASKET	1	35	
-100	8-20397-1253	• TUBE ASSEMBLY	1	35	159
	8-20397-2105	• TUBE ASSEMBLY	1	160	
-101	MS2190206	• UNION	2	35	
-102	8-20397-714	• TUBE ASSEMBLY	1	35	159
	8-20397-3147	• TUBE ASSEMBLY	1	160	
-103	8-20397-748	• TUBE ASSEMBLY	1	35	159
	8-20397-3167	• TUBE ASSEMBLY	1	160	
-104	MS2190206	• UNION	2	35	
	MS29512-6	• GASKET	2	35	
-105	8-20397-722	• TUBE ASSEMBLY	1	35	159
	8-20397-3153	• TUBE ASSEMBLY	1	160	
-106	8-20397-720	• TUBE ASSEMBLY	1	35	159
	8-20397-3151	• TUBE ASSEMBLY	1	160	
-107	MS2190506	• TEE	1	35	

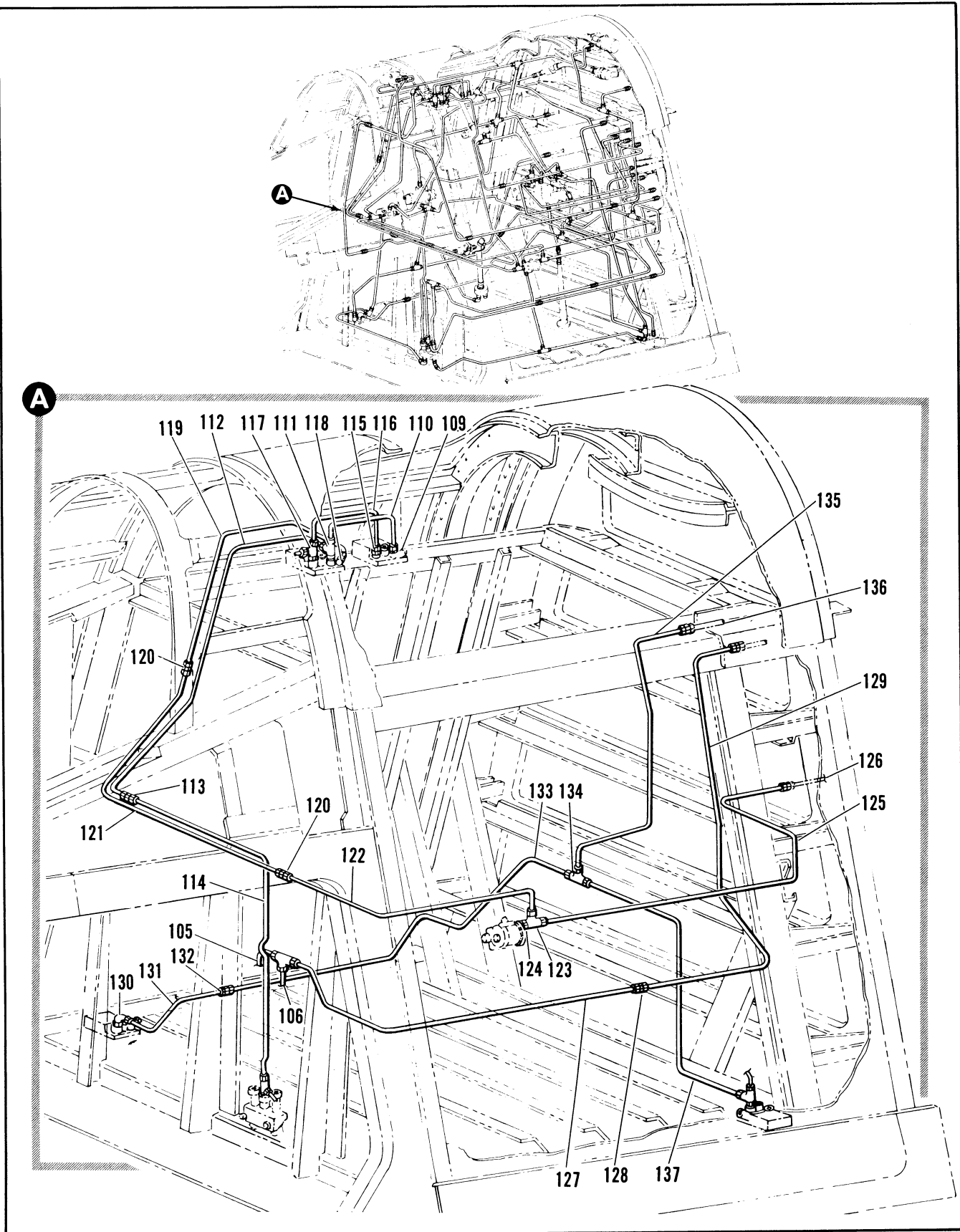


Figure 2.12-43. Fuel Tank Pressure Tubing Installation Sta 217 to 253 (Sheet 6 of 9)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
				1	2 3 4 5 6
2.12-43-108		• VALVE ASSY, SEE FIG. 2.12-52 INDEX 42	RF		
-109	MS2190206	• UNION	2	35	
	MS29512-6	• GASKET			
-110	8-20397-1275	• TUBE ASSEMBLY	1	35	159
	8-20397-2125	• TUBE ASSEMBLY	1	160	
-111	MS2191206	• TEE	1	35	
	AN924-60	• NUT	1	35	
	MS29512-6	• GASKET	1	35	
-112	8-20397-1265	• TUBE ASSEMBLY	1	35	159
	8-20397-2115	• TUBE ASSEMBLY	1	160	
-113	MS2190206	• UNION	1	35	
-114	8-20397-1257	• TUBE ASSEMBLY	1	35	159
	8-20397-3166	• TUBE ASSEMBLY	1	160	
-115	MS2190204	• UNION	1	35	
-116	8-20397-1273	• TUBE ASSEMBLY	1	35	159
	8-20397-2123	• TUBE ASSEMBLY	1	160	
-117	MS2191204	• TEE	1	35	
	AN924-40	• NUT	1	35	
	MS29512-4	• GASKET	1	35	
-118	MS2190206	• UNION	1	35	
	MS29512-6	• GASKET	1	35	
-119	8-20397-1267	• TUBE ASSEMBLY	1	35	159
	8-20397-2117	• TUBE ASSEMBLY	1	160	
-120	MS2190206	• UNION	2	35	
-121	8-20397-1259	• TUBE ASSEMBLY	1	35	159
	8-20397-2111	• TUBE ASSEMBLY	1	160	
-122	8-20397-1251	• TUBE ASSEMBLY	1	35	159
	8-20397-2103	• TUBE ASSEMBLY	1	160	
-123	MS2191106	• TEE	1	35	
-124	MS2191606-4	• REDUCER	1	35	
	AN924-60	• NUT	1	35	
	MS29512-6	• GASKET	2	35	
-125	8-20397-1283	• TUBE ASSEMBLY	1	35	159
	8-20397-2131	• TUBE ASSEMBLY	1	160	
-126		• TUBE ASSY, SEE FIG. 2.17-44 INDEX 125	RF		
-127	8-20397-710	• TUBE ASSEMBLY	1	35	159
	8-20397-3143	• TUBE ASSEMBLY	1	160	
-128	MS2190206	• UNION	1	35	
-129	8-20397-1235	• TUBE ASSEMBLY	1	35	159
	8-20397-3187	• TUBE ASSEMBLY	1	160	
-130	MS2190806	• ELBOW	1	35	
	AN924-60	• NUT	1	35	
	MS29512-6	• GASKET	1	35	
-131	8-20397-573	• TUBE ASSEMBLY	1	35	159
	8-20397-3131	• TUBE ASSEMBLY	1	160	
-132	MS2190206	• UNION	1	35	
-133	8-20397-571	• TUBE ASSEMBLY	1	35	159
	8-20397-3129	• TUBE ASSEMBLY	1	160	
-134	MS2190506	• TEE	1	35	
-135	8-20397-1231	• TUBE ASSEMBLY	1	35	159
	8-20397-3183	• TUBE ASSEMBLY	1	160	215
	8-20397-2933	• TUBE ASSEMBLY	1	216	
-136		• TUBE ASSY, SEE FIG. 2.12-45 INDEX 31	RF		
-137	8-20397-567	• TUBE ASSEMBLY	1	35	159
	8-20397-3127	• TUBE ASSEMBLY	1	160	

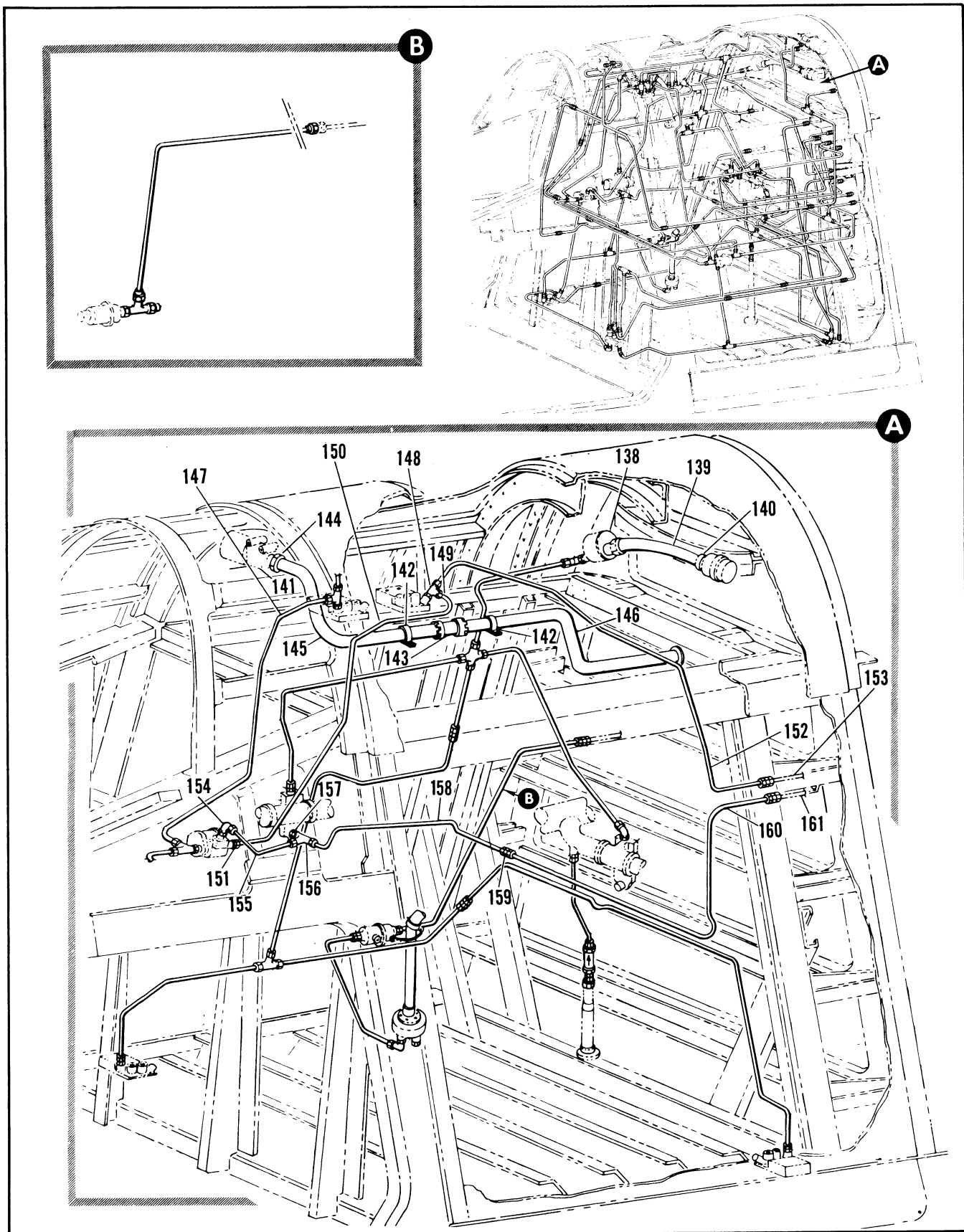


Figure 2.12-43. Fuel Tank Pressure Tubing Installation Sta 217 to 253 (Sheet 7 of 9)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-43-138		1 2 3 4 5 6			
		• VALVE ASSY, VACUUM RELIEF SEE FIG. 2.12-49 INDEX 28	RF		
-139	8-20397-793	• TUBE ASSEMBLY	1	35	159
	8-20397-3081	• TUBE ASSEMBLY	1	160	
-140	MS21902D16	• UNION	1	35	
	MS29512-16	• GASKET	1	35	
-141		• VALVE ASSY, AIR CHECK SEE FIG. 2.12-51 INDEX 32	RF		
-142	91-98026-019	• CLAMP	2	189	
-143	3605-20D	• COUPLING (79326) 92-72500-006	1	189	
	2-218S418-6	• PACKING, REPLACED BY NAS1593-218	1	189	
	NAS1593-218	• PACKING, REPLACES 2-218S418-6			
-144	AN815-200	• UNION	1	189	
	MS29512-20	• GASKET	1	189	
-145	8-20397-2603	• TUBE ASSEMBLY	1	189	
-146	8-20397-2601	• TUBE ASSEMBLY	1	189	
-147	8-20397-1855	• TUBE ASSEMBLY	1	35	159
	8-20397-2139	• TUBE ASSEMBLY	1	160	
-148	MS21911D6	• TEE	1	35	
-149	MS21916D6-4	• REDUCER	1	35	
	AN924-6D	• NUT	1	35	
	MS29512-6	• GASKET	1	35	
-150	8-20397-1271	• TUBE ASSEMBLY	1	35	159
	8-20397-2121	• TUBE ASSEMBLY	1	160	
-151	MS21902D6	• UNION	2	35	
-152	8-20397-1277	• TUBE ASSEMBLY	1	35	159
	8-20397-212T	• TUBE ASSEMBLY	1	160	
-153		• TUBE ASSY, SEE FIG. 2.12-44 INDEX 121	RF		
-154	MS21908D6	• ELBOW	1	35	
	AN924-6D	• NUT	1	35	
	MS29512-6	• GASKET	1	35	
-155	8-20397-738	• TUBE ASSEMBLY	1	35	159
	8-20397-3163	• TUBE ASSEMBLY	1	160	
-156	MS21911D6	• TEE	1	35	
	AN924-6D	• NUT	1	35	
	MS29512-6	• GASKET	1	35	
-157	MS21916D6-4	• REDUCER	1	35	
	MS29512-4	• GASKET	1	35	
-158	8-20397-1287	• TUBE ASSEMBLY	1	35	159
	8-20397-2135	• TUBE ASSEMBLY	1	160	
-159	MS21902D4	• UNION	1	35	
-160	8-20397-1279	• TUBE ASSEMBLY	1	35	159
	8-20397-2129	• TUBE ASSEMBLY	1	160	215
	8-20397-2943	• TUBE ASSEMBLY	1	216	
-161		• TUBE ASSY, SEE FIG. 2.12-44 INDEX 123	RF		

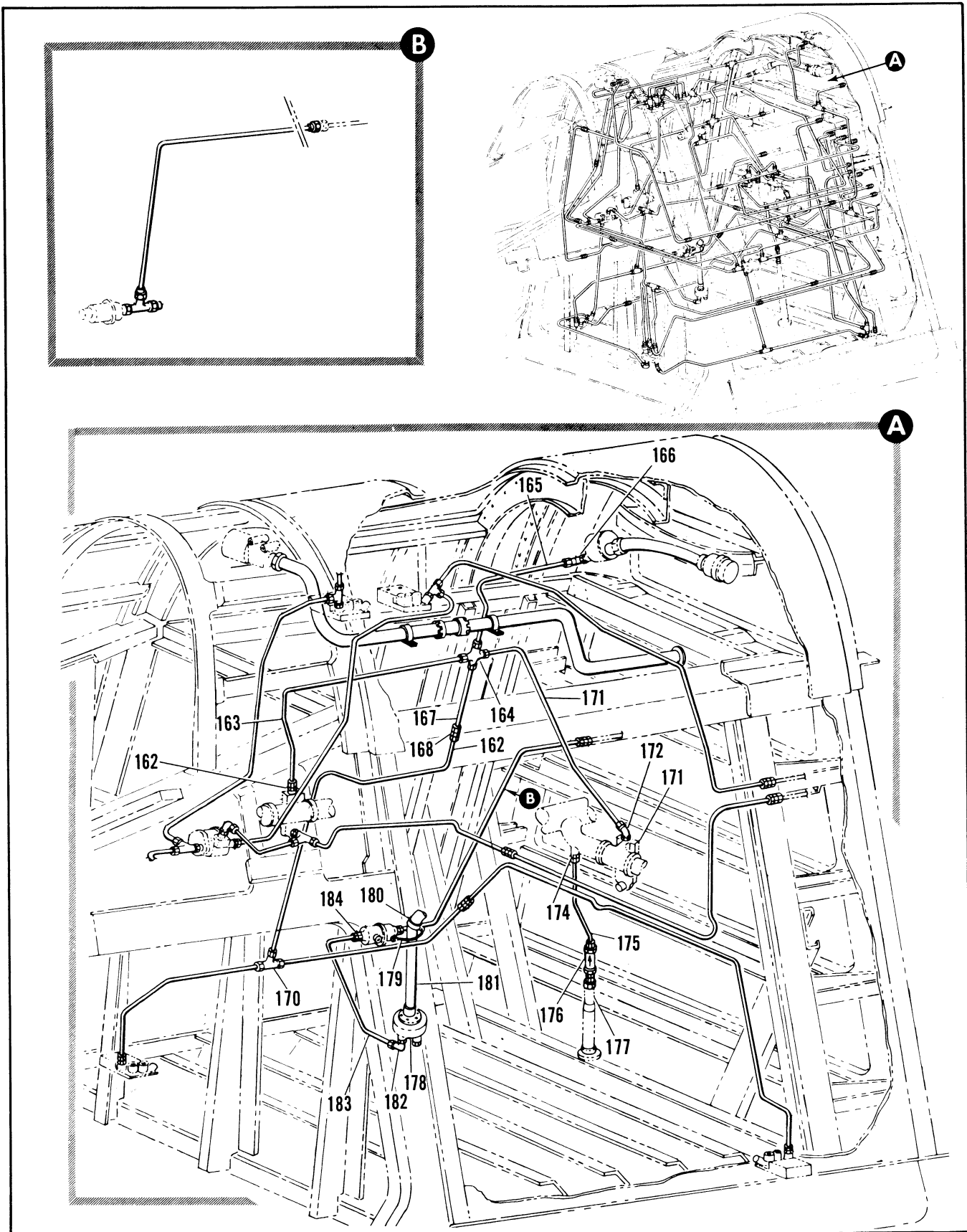


Figure 2.12-43. Fuel Tank Pressure Tubing Installation Sta 217 to 253 (Sheet 8 of 9)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-43-162	MS21902D6	• UNION	1	35	
	MS29512-6	• GASKET	2	35	
-163	8-20397-543	• TUBE ASSEMBLY	1	35	159
	8-20397-3123	• TUBE ASSEMBLY	1	160	
-164	MS21906D6	• CROSS	1	35	
-165	8-20397-545	• TUBE ASSEMBLY	35	159	
	8-20397-3125	• TUBE ASSEMBLY	1	160	
-166	MS21907D6	• ELBOW	1	35	
	AN924-6D	• NUT	1	35	
	MS29512-6	• GASKET	1	35	
-167	8-20397-521	• TUBE ASSEMBLY	1	35	159
	8-20397-3117	• TUBE ASSEMBLY	1	160	
-168	MS21916D6-4	• REDUCER	1	35	
-169	8-20397-519	• TUBE ASSEMBLY	1	35	159
	8-20397-3115	• TUBE ASSEMBLY	1	160	
-170	MS21905D4	• TEE	1	35	
-171	9-20397-541	• TUBE ASSEMBLY	1	35	159
	8-20397-3121	• TUBE ASSEMBLY	1	160	215
	8-20397-2929	• TUBE ASSEMBLY	1	216	
-172	MS21908D6	• ELBOW	1	35	
	AN924-6D	• NUT	1	35	
	MS29512-6	• GASKET	1	35	
-173		• TUBE ASSY, FUEL TRANSFER SEE FIG. 2.12-52 INDEX 115	RF		
-174	MS21902D6	• UNION	3	35	
	MS29512-6	• GASKET	3		
-175	8-20397-744	• TUBE ASSEMBLY	1	35	159
	8-20397-3165	• TUBE ASSEMBLY	1	160	215
	8-20397-2931	• TUBE ASSEMBLY	1	216	
-176	W535-3/8F	• VALVE, AIR CHECK <96133> SPEC 8-02998-13 ATTACHING PARTS	1	35	
	NAS679A3	• NUT	1	35	
	NAS221-10	• SCREW	1	35	
-177		----X----			
-178		• TURF, FUEL SCAVANGE SEE FIG. 2.12-52 INDEX 100			
-178		• VALVE ASSY, FUEL CHECK SEE FIG. 2.12-52 INDEX 57	RF		
-179	MS25083-10B3	• JUMPER ATTACHING PARTS	1	35	
	NAS679A3	• NUT	1	35	
	AN960010L	• WASHER	2	35	
	AN525-1032R6	• SCREW	1	35	
	AN3-5A	• BOLT	1	35	
-180	AN735D24	• CLAMP	1	35	
-181	8-20397-589	• TUBE ASSEMBLY	1	35	159
	8-20397-3017	• TUBE ASSEMBLY	1	160	
-182	MS21908D4	• ELBOW	1	35	
	AN924-4D	• NUT	1	35	
	MS29512-4	• GASKET	1	35	
-183	8-20397-535	• TUBE ASSEMBLY	1	35	159
	8-20397-3119	• TUBE ASSEMBLY	1	160	
-184	MS21902D4	• UNION	2	35	

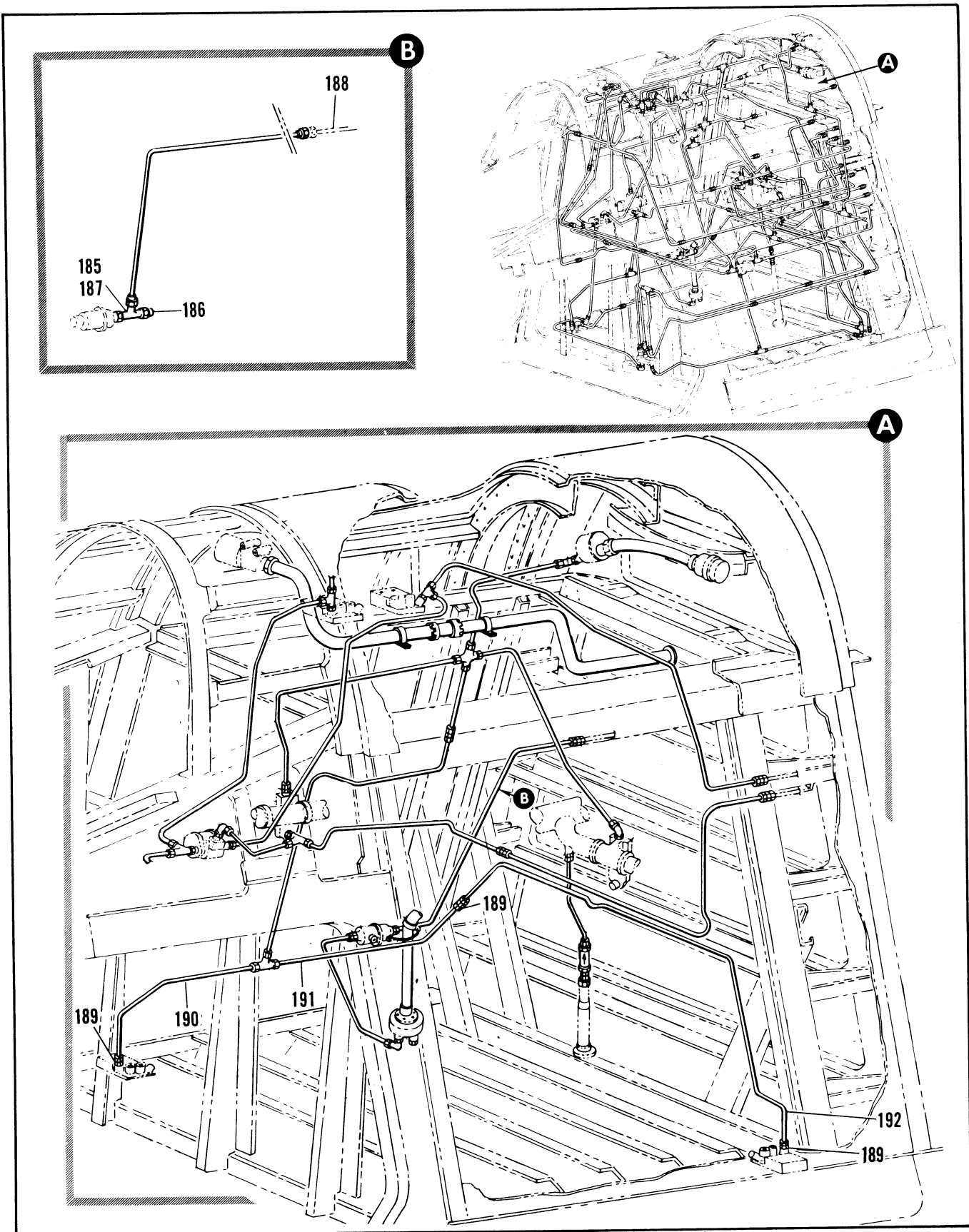


Figure 2.12-43. Fuel Tank Pressure Tubing Installation Sta 217 to 253 (Sheet 9 of 9)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-43-185	MS21912D4	• TEE	1	35	
-186	66B40304-1	• CAP	1	35	
-187	AN924-4	• NUT	1	35	
	MS29512-04	• GASKET	1	35	
-188		• TUBE ASSY, SEE FIG. 2.12-45 INDEX 105	RF		
-189	MS21902D4	• UNION	3	35	
	MS29512-4	• GASKET	3	35	
-190	P-20397-513	• TUBE ASSEMBLY	1	35	159
	8-20397-3109	• TUBE ASSEMBLY	1	160	
-191	8-20397-515	• TUBE ASSEMBLY	1	35	159
	8-20397-3111	• TUBE ASSEMBLY	1	160	
-192	8-20397-517	• TUBE ASSEMBLY	1	35	159
	8-20397-3113	• TUBE ASSEMBLY	1	160	

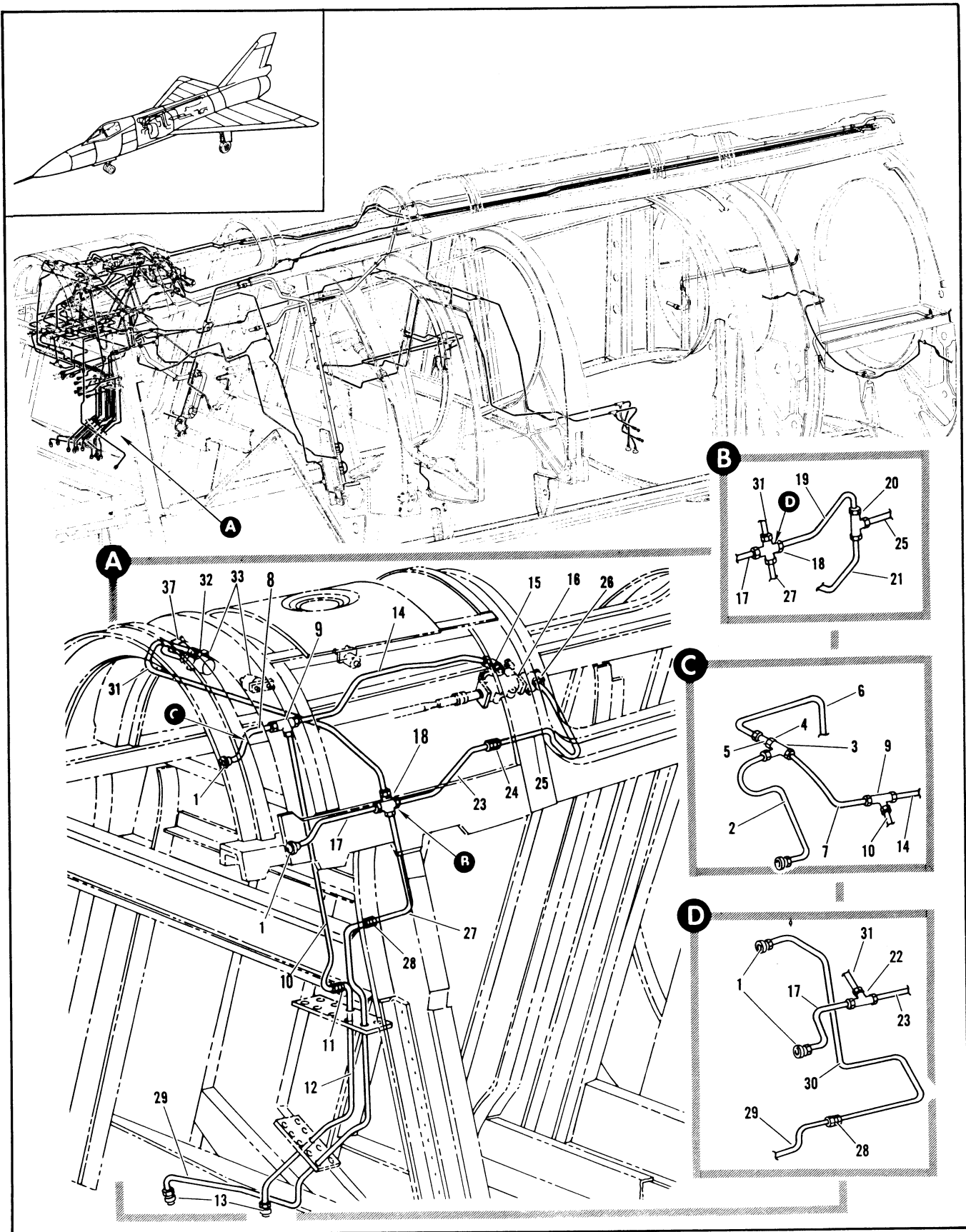


Figure 2.12-44. Fuel Tank Pressure Tubing Installation Sta 253 to 472 LH (Sheet 1 of 7)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-44	8-20397-831	TUBING INSTALLATION, FUEL TANK PRESSURE RF STA 253 TO 472 LH MODIFIED BY 66J40391 AND 66J40388 FOR NHA SEE FIG. 2.3-10	RF		
	8-20397-841	TUBING INSTALLATION, FUEL TANK PRESSURE STA 253 TO 472 LH MODIFIED BY LL4J70.0U AND 66J40388 FOR NHA SEE FIG. 2.3-10	RF		
- 1		• EQUIPMENT INSTL, FUSELAGE FUEL TRANSFER SEE FIG. 2.12-52	RF		
- 2	8-20397-1979	• TUBE ASSEMBLY	1	35	215
- 3	MS2191206	• TEE	1	35	215
	AN924-6D	• NUT	1	35	215
	MS29512-6	• GASKET	1	35	215
- 4	MS2190206	• UNION	1	35	215
	MS29512-6	• GASKET	1	35	215
- 5	W535-3/RF	• VALVE, AIR CHECK <96139> SPEC 8-02998-13	1	35	215
- 6	8-20397-2001	• TUBE ASSEMBLY	1	35	215
- 7	8-20397-1995	• TUBE ASSEMBLY	1	35	215
- 8	8-20397-1321	• TUBE ASSEMBLY	1	216	
- 9	ER8240060604	• TEE, <92003> 98-90319-008	1	35	
- 10	8-20397-1363	• TUBE ASSEMBLY	1	35	
- 11	MS2190204	• UNION	1	35	
- 12	8-20397-1383	• TUBE ASSEMBLY	1	35	
- 13		• ADAPTER, SEE FIG. 2.12-42	RF		
- 14	8-20397-1319	• TUBE ASSEMBLY	1	35	
- 15	MS2190806	• ELBOW	1	35	
	A1924-6C	• NUT	1	35	
	MS29512-6	• GASKET	1	35	
- 16		• REGULATOR ASSY, AIR PRESSURE SEE FIG. 2.9-2 INDEX 16	RF		
- 17	8-20397-1329	• TUBE ASSEMBLY	1	35	
- 18	MS2190606	• CROSS	1	35	159
- 19	8-20397-1981	• TUBE ASSEMBLY	1	35	215
- 20	ER8240060604	• TEE, <92003> 98-90319-008	1	35	215
- 21	8-20397-2005	• TUBE ASSEMBLY	1	35	215
- 22	MS2190506	• TEE	1	160	
- 23	8-20397-1327	• TUBE ASSEMBLY	1	216	
- 24	MS2191606-4	• REDUCER	1	216	
- 25	8-20397-480	• TUBE ASSEMBLY	1	35	
- 26	MS2190204	• UNION	1	35	
	MS29512-4	• GASKET	1	35	
- 27	8-20397-1367	• TUBE ASSEMBLY	1	35	159
- 28	MS2190206	• UNION	1	35	
- 29	8-20397-1387	• TUBE ASSEMBLY	1	35	
- 30	9-20397-3083	• TUBE ASSEMBLY	1	160	
- 31	9-20397-1331	• TUBE ASSEMBLY	1	35	
- 32	MS2191606-4	• REDUCER	1	35	
	MS29512-4	• GASKET	1	35	
- 33		• SWITCH ASSY, DIFFERENTIAL PRESSURE SEE FIG. 2.12-39 INDEX 51	RF		

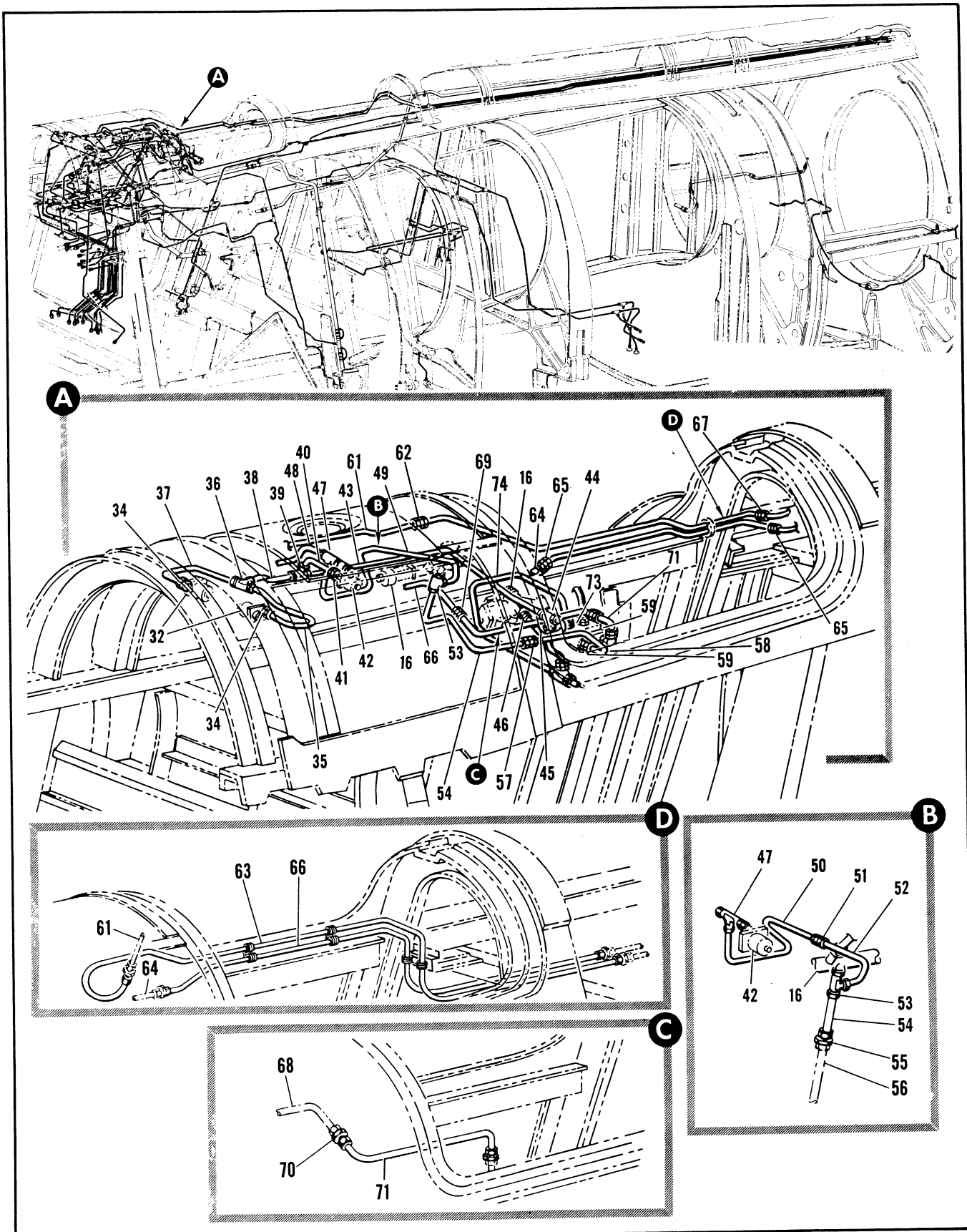


Figure 2.12-44. Fuel Tank Pressure Tubing Installation Sta 253 to 472 LH (Sheet 2 of 7)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-44- 34	MS21902D4	• UNION	2	35	
	MS219512-4	• GASKET	2	35	
- 35	8-20397-1303	• TUBE ASSEMBLY	1	35	
- 36	MS21909D4	• TEE	1	35	
	AN924-4D	• NUT	1	35	
	AN961D716	• WASHER	1	35	
- 37	8-20397-1305	• TUBE ASSEMBLY	1	35	
- 38	8-20397-1301	• TUBE ASSEMBLY	1	35	
- 39	MS21905D4	• TEE	1	35	
- 40	8-20397-1299	• TUBE ASSEMBLY	1	35	
- 41	MS21902D4	• UNION	1	35	
	MS29512-4	• GASKET	1	35	
- 42		• SWITCH INSTL, CG TRANSFER SEE FIG. 2.12-39 INDEX 22	RF		
- 43	8-20397-1297	• TUBE ASSEMBLY	1	35	
- 44	MS21905D4	• TEE	1	35	
- 45	8-20397-1159	• TUBE ASSEMBLY	1	35	
- 46	MS21902D4	• UNION	1	35	
	MS29512-4	• GASKET	1	35	
- 47	MS21912D4	• TEE	1	35	
	MS29512-4	• GASKET	1	35	
	AN924-4D	• NUT	1	35	
- 48		• TUBE ASSY, SEE FIG. 2.12-45 INDEX 7	RF		
- 49	8-20397-1307	• TUBE ASSEMBLY	1	35	159
- 50	8-20397-3093	• TUBE ASSEMBLY	1	160	
- 51	MS21902D4	• UNION	1	160	
- 52	63A34496-7	• TUBE ASSEMBLY	1	160	
- 53	MS21912D4	• TEE	1	35	
	AN924-4D	• NUT	1	35	
	MS29512-4	• GASKET	1	35	
- 54	63A34496-9	• TUBE ASSEMBLY	1	35	
- 55	8-28388-15	• UNION	1	35	
- 56	63A34496-11	• TUBE ASSEMBLY	1	35	
- 57	MS21902D4	• UNION	1	35	
- 58	63A34496-17	• TUBE ASSEMBLY	1	35	
- 59	MS21909D4	• TEE	1	35	
	AN924-4D	• NUT	1	35	
	MS29512-4	• GASKET	1	35	
	MS21914-4	• CAP	1	35	
- 60		• VALVE ASSY, FUEL TRANSFER REGULATOR AND RELIEF SEE FIG. 2.12-33 INDEX 1	RF		
- 61		• TUBE ASSY, SEE FIG. 2.12-45 INDEX 39	RF		
- 62	MS21902D6	• UNION	1	35	
- 63	66A40520-1	• TUBE ASSY	1		
- 64		• TUBE ASSY, SEE FIG. 2.12-45 INDEX 72	RF		
- 65	MS21902D6	• UNION	1	35	
- 66	66A40521-1	• TUBE ASSY	1		
- 67	MS21902D6	• UNION	2	35	
- 68		• TUBE ASSY, SEE FIG. 2.12-45 INDEX 22	RF		
- 69	MS21902D6	• UNION	1	35	
- 70	MS21916D6-4	• REDUCER	1	35	

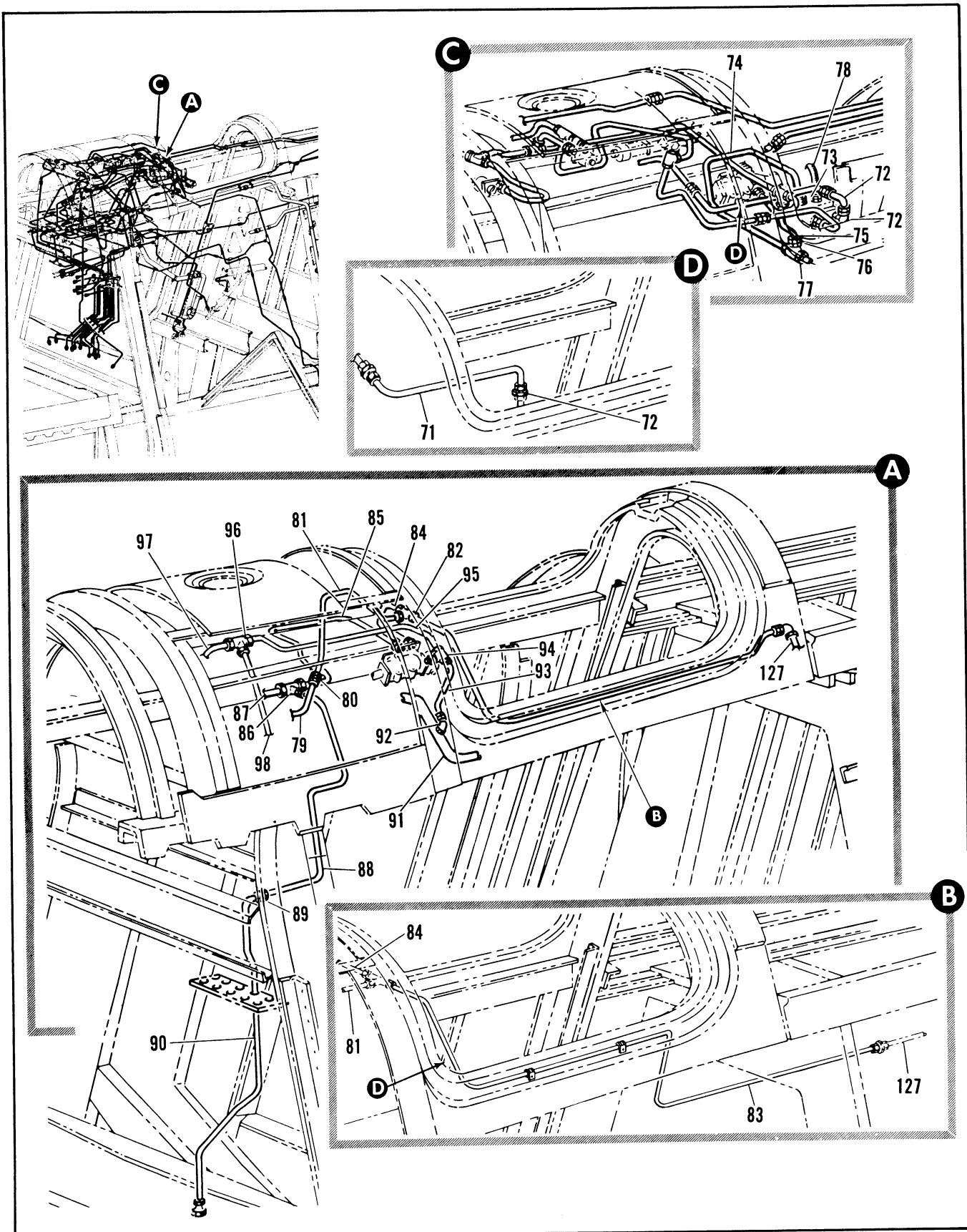


Figure 2.12-44. Fuel Tank Pressure Tubing Installation Sta 253 to 472 LH (Sheet 3 of 7)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-44- 71	64A34235-1	• TUBE ASSY, EMERGENCY PRESSURE REGULATOR	1		
- 72	MS21908D4	• ELBOW	1	35	
	AN294-4D	• NUT	1	35	
	MS29512-4	• GASKET	1	35	
- 73	MS21902D6-4	• UNION	1	35	
	MS29512-4	• GASKET	1	35	
- 74	8-20397-1155	• TUBE ASSEMBLY	1	35	
- 75	8-20397-1157	• TUBE ASSEMBLY	1	35	
- 76	MS21916D6-4	• REDUCER	1	35	
	MS29512-6	• GASKET	1	35	
- 77	MS21910D6	• TEE	1	35	
- 78		• HOSE ASSY, AIR PRESSURE FWD SEE FIG. 2.9-2 INDEX 45	RF		
- 79		• TUBE ASSY, SEE FIG. 2.12-45 INDEX 45	RF		
- 80	MS21902D6	• UNION	1	35	
- 81	8-20397-580	• TUBE ASSEMBLY	1	35	
- 82	MS21905D6	• TEE	1	35	
- 83	66A40519-1	• TUBE ASSY	1	35	
- 84	8-20397-1309	• TUBE ASSEMBLY	1	35	
- 85	8-20397-1977	• TUBE ASSEMBLY	1	35	
- 86	ER8240060604	• TEE, <92003> 98-90319-008	1	35	
- 87		• TUBE ASSY, SEE FIG. 2.12-45 INDEX 65	RF		
- 88	8-20397-1365	• TUBE ASSEMBLY	1	35	
- 89	MS21902D4	• UNION	1	35	
- 90	8-20397-1385	• TUBE ASSEMBLY	1	35	
- 91		• TUBING INSTL, FUEL TANK PRESSURE SEE FIG. 2.12-47	RF		
- 92	MS21908D6	• ELBOW	1	35	
	AN924-6D	• NUT	1	35	
	MS29512-6	• GASKET	1	35	
- 93	8-20397-1635	• TUBE ASSEMBLY	1	35	
- 94	MS21909D6	• TEE	1	35	
	AN924-6D	• NUT	1	35	
	MS29512-6	• GASKET	1	35	
- 95	8-20397-1987	• TUBE ASSEMBLY	1	35	
- 96	MS21912D6	• TEE	1	35	
	AN924-6D	• NUT	1	35	
	AN960D916	• WASHER	1	35	
- 97		• TUBE ASSY, SEE FIG. 2.12-45 INDEX 25	RF		
- 98	8-20397-1985	• TUBE ASSEMBLY	1	35	

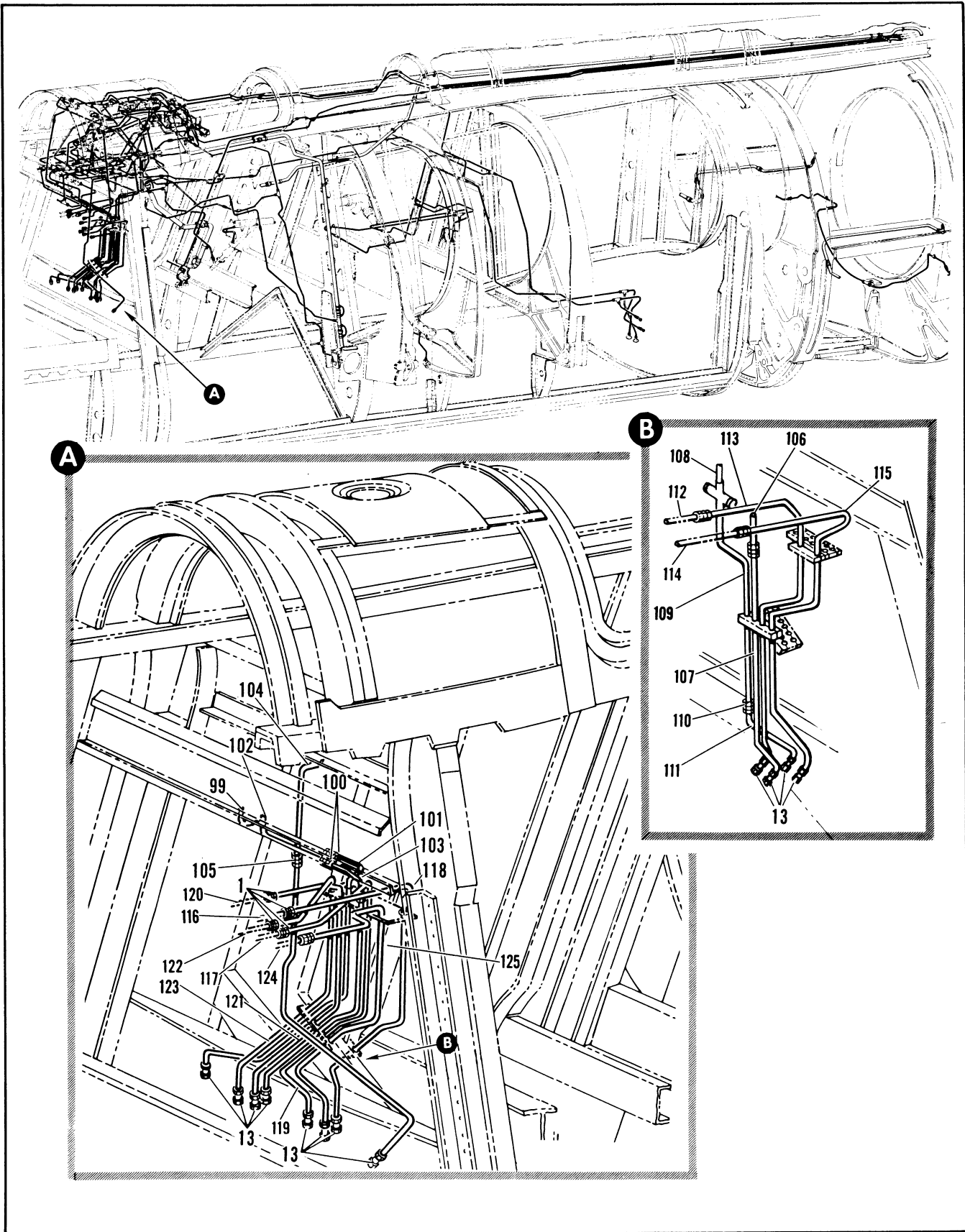


Figure 2.12-44. Fuel Tank Pressure Tubing Installation Sta 253 to 472 LH (Sheet 4 of 7)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-44- 99					
-100	MS21902D4	• TUBE ASSY, SEE FIG. 2.12-45 INDEX 5	RF		
-101	8-20397-1371	• UNION	2	35	
-102		• TUBE ASSEMBLY	1	35	
-103	8-20397-1381	• TUBE ASSY, SEE FIG. 2.12-45 INDEX 4	RF		
-104		• TUBE ASSEMBLY	1	35	
-105	MS21902D6	• TUBE ASSY, SEE FIG. 2.12-45 INDEX 94	RF		
-106		• UNION	1	61	
-107	8-20397-2885	• TUBE ASSY, SEE FIG. 2.12-45 INDEX 91	RF		
-108		• TUBE ASSEMBLY	1	35	
-109	8-20397-2887	• TUBE ASSY, SEE FIG. 2.12-45 INDEX 35	RF		
-110	MS2191606-4	• TUBE ASSEMBLY	1	35	
-111	8-20397-2889	• REDUCER	1	35	
-112		• TUBE ASSEMBLY	RF		
-113	8-20397-2891	• TUBE ASSY, SEE FIG. 2.12-43 INDEX 92	1	216	
-114		• TUBE ASSEMBLY	RF		
-115	8-20397-2893	• TUBE ASSY, SEE FIG. 2.12-43 INDEX 58	1	216	
-116		• TUBE ASSEMBLY	RF		
-117		• TUBE ASSY, FUSELAGE TANK SEE FIG. 2.12-43 INDEX 53	RF	35	
-118	8-20397-1377	• TUBE ASSY, FUSELAGE TANK SEE FIG. 2.12-43 INDEX 71	1	35	
-119	8-20397-1375	• TUBE ASSEMBLY	1	35	
-120		• TUBE ASSY, FUSELAGE TANK SEE FIG. 2.12-43 INDEX 152	RF		
-121	8-20397-1373	• TUBE ASSEMBLY	1	35	
-122		• TUBE ASSY, FUSELAGE TANK SEE FIG. 2.12-43 INDEX 160	RF		
-123	8-20397-1369	• TUBE ASSEMBLY	1	35	
-124		• TUBE ASSY, FUSELAGE TANK SEE FIG. 2.12-43 INDEX 124	RF		
-125	8-20397-1379	• TUBE ASSEMBLY	1	35	

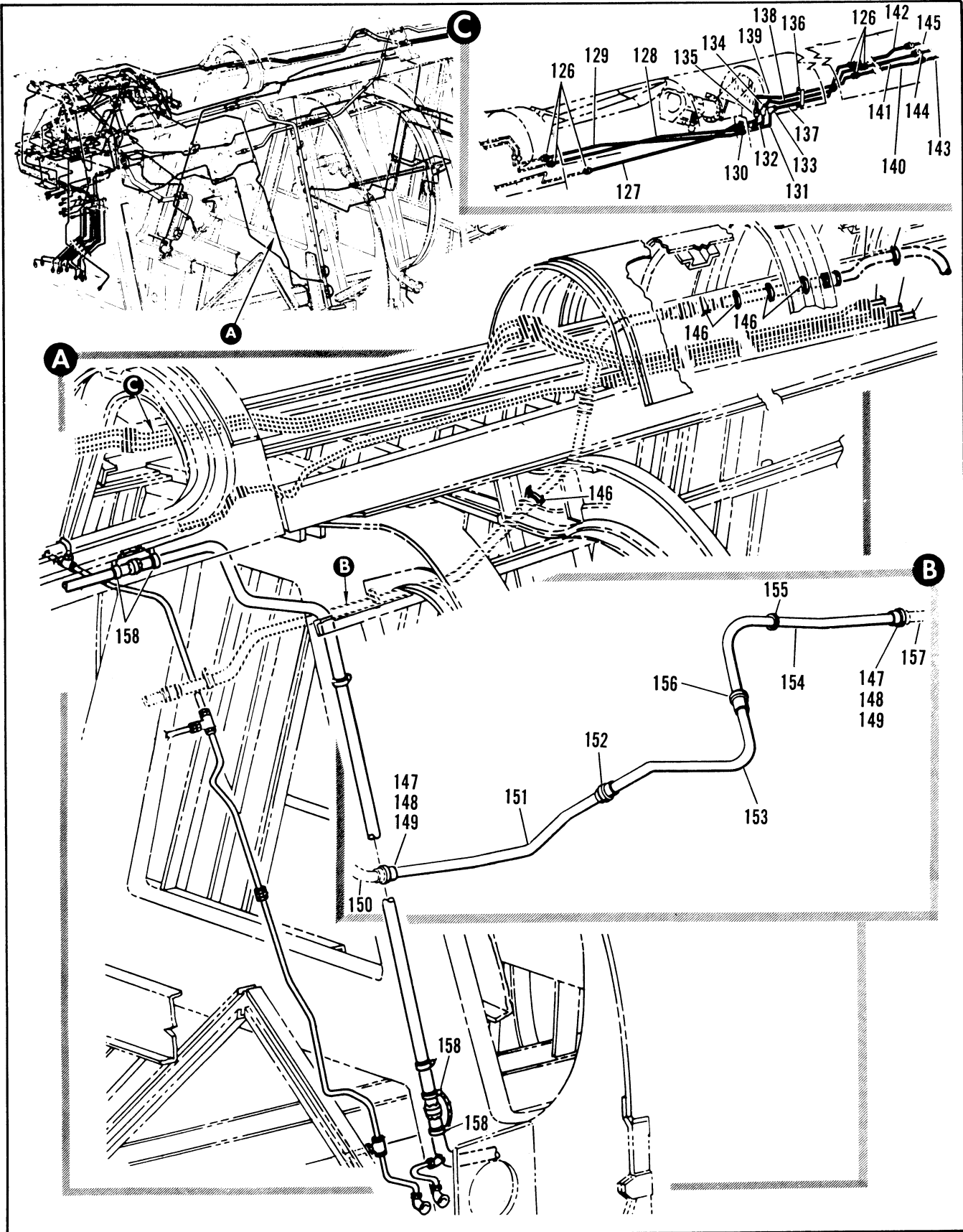


Figure 2.12-44. Fuel Tank Pressure Tubing Installation Sta 253 to 472 LH (Sheet 5 of 7)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
				1	2	3	4	5	6
2.12-44-126	MS21902D6	• UNION	6		35
-127	66A40505-1	• TUBE ASSY	1		35
-128	66A40506-1	• TUBE ASSY	1		35
-129	66A40507-1	• TUBE ASSY	1		35
-130	MS21902D6	• UNION	3		35
	AN924-60	• NUT	3		35
	AN960010L	• WASHER	3		35
-131	66A40516-1	• TUBE ASSY	1		35
-132	66A40517-1	• TUBE ASSY	1		35
-133	MS21908D6	• ELBOW, 90 DEGREE	1		35
	AN924-60	• NUT	1		35
	AN9600916L	• WASHER	1		35
-134	MS21907D6	• ELBOW, 45 DEGREE	1		35
	AN924-60	• NUT	1		35
	AN9600916L	• WASHER	1		35
-135	MS21924D6	• UNION	1		35
	AN924-60	• NUT	1		35
	AN9600916L	• WASHER	1		35
-136	66B40508-1	• CLAMP	1		35
	MS35207-263	• SCREW	2		35
	MS21042L3	• NUT	2		35
	AN960010L	• WASHER	2		35
-137	66A40522-1	• TUBE ASSY	1		35
-138	66A40523-1	• TUBE ASSY	1		35
-139	66A40524-1	• TUBE ASSY	1		35
-140	66A40544-1	• TUBE ASSY	1		35
-141	66A40545-1	• TUBE ASSY	1		35
-142	66A40546-1	• TUBE ASSY	1		35
-143		• TUBE ASSY, SEE FIG. 2.12-46 INDEX 32	RF		35
-144		• TUBE ASSY, SEE FIG. 2.12-46 INDEX 31	RF		35
-145		• TUBE ASSY, SEE FIG. 2.12-46 INDEX 30	RF		35
-146		• SUPPORT INSTL, FUEL TANK PRESSURE MANIFOLD STA 295 TO 485 SEE FIG. 2.12-51	RF		35
-147	NAS596-24H	• NUT	2		35
-148	NAS595-24	• RING	2		35
-149	NAS594-24	• COUPLING	2		35
-150		• TUBE ASSY, FUEL TANK PRESSURE SEE FIG. 2.9-2 INDEX 55	RF		35
-151	67A36511-1	• TUBE ASSY	1		35
-152	NAS595-24	• RING	1		35
-153	66D40338-1	• TUBE ASSY	1		35
-154	66D40339-1	• TUBE ASSY	1		35
-155	MS21226-3M	• GROMMET	1		35
-156	3605-24D	• COUPLING (79326)	1		35
	MS9068-32S	• PACKING	2		35
-157		• ELBOW ASSY, FUEL TANK PRESSURE SEE FIG. 2.12-58 INDEX 2	RF		35
-158	AN735D24	• CLAMP	4		35
		ATTACHING PARTS			
	NAS679A3	• NUT	4		35
	AN960010L	• WASHER	4		35

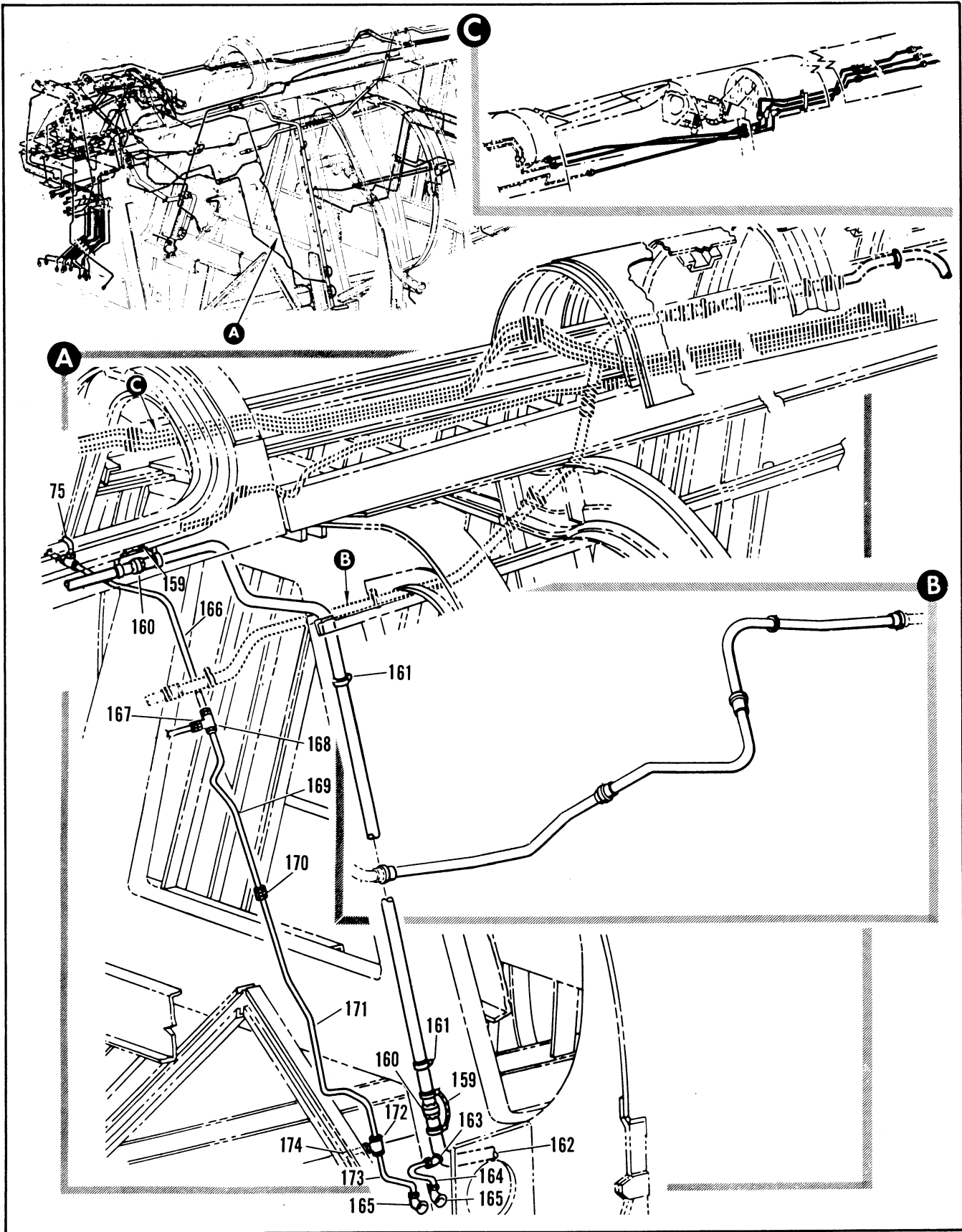


Figure 2.12-44. Fuel Tank Pressure Tubing Installation Sta 253 to 472 LH (Sheet 6 of 7)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-44	AN526-1032R6	• SCREW -----X-----	4		35
-159	MS25383-18B4	• JUMPER	2		35
-160	3605-24D	• COUPLING, <79326> 92-72500-003	2		35
	MS29513-325	• PACKING	2		35
-161	91-98026-023	• CLAMP	2		35
-162		• TUBING INSTL, VENT FUSELAGE TANK TO WING SEE FIG. 2.12-47	RF		
-163	MS21908D4	• ELBOW	1		35
	MS29512-4	• GASKET	1		35
	AN924-4D	• NUT	1		35
-164	8-20397-482	• TUBE ASSEMBLY	1		35
-165		• VALVE ASSY, DRAIN SEE FIG. 2.12-47 INDEX 23	RF		
-166	8-20397-1153	• TUBE ASSEMBLY	1		35
-167	MS21916D6-4	• REDUCER	1		35
	MS21512-6	• GASKET	1		35
-168	MS21910D6	• TEE	1		35
	AN924-6D	• NUT	1		35
	AN9610916	• WASHER	1		35
-169	8-20397-64	• TUBE ASSEMBLY	1		35
-170	MS21902D6	• UNION	1		35
-171	8-20397-124	• TUBE ASSEMBLY	1		35
-172	MS21910D6	• TEE	1		35
-173	8-20397-66	• TUBE ASSEMBLY	1		35
-174		• TUBE ASSY, SEE FIG. 2.12-17 INDEX 32	RF		

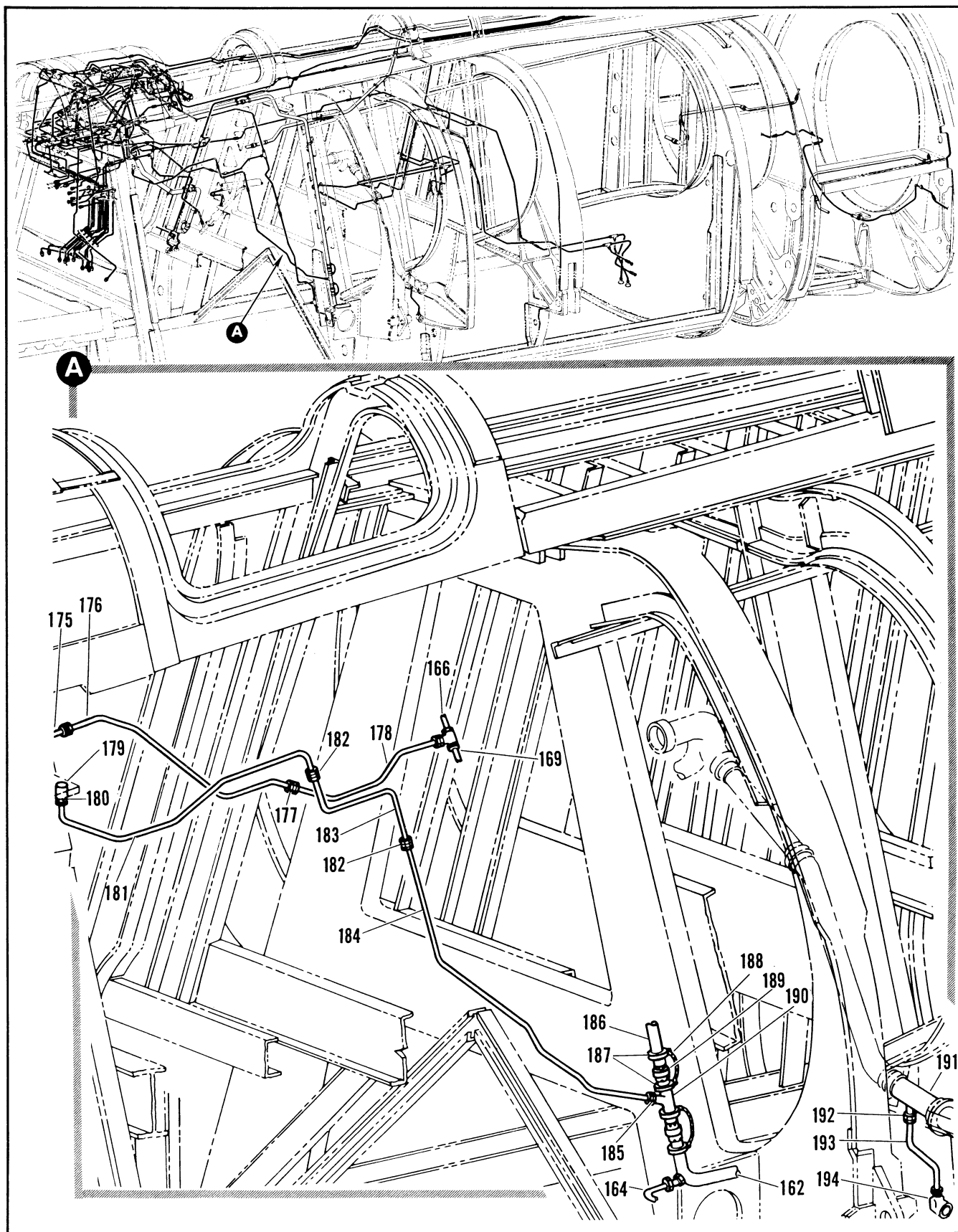


Figure 2.12-44. Fuel Tank Pressure Tubing Installation Sta 253 to 472 LH (Sheet 7 of 7)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-44-175		• TUBE ASSY. SEE FIG. 2.12-43 INDEX 31	RF		
-176	8-20397-1339	• TUBE ASSEMBLY	1	35	
-177	MS21902D4	• UNION	1	35	
-178	3-20397-62	• TUBE ASSEMBLY	1	35	
-179		• PANEL INSTL, AIR SHUTOFF VALVE AND FILTER SEE FIG. 2.12-64	RF		
-180	8-28388-7	• UNION, RESTRICTOR	1	35	
	MS29512-6	• GASKET	1	35	
-181	8-20397-3071	• TUBE ASSEMBLY	1	35	
-182	MS21902D6	• UNION	2	35	
-183	8-20397-3069	• TUBE ASSEMBLY	1	35	
-184	8-20397-3073	• TUBE ASSEMBLY	1	35	
-185	MS21902D6	• UNION	1	35	
	MS29512-6	• GASKET	1	35	
-186	8-20397-3075	• TUBE ASSEMBLY	1	35	
-187	AN735D24	• CLAMP	2	35	
		ATTACHING PARTS			
	NAS679A3	• NUT	2	35	
	AN960010L	• WASHER	2	35	
	AN526-1032R6	• SCREW	2	35	
		-----X-----			
-188	MS250R3-1BB4	• JUMPER	1	35	
-189	3605-24D	• COUPLING, <79326> 92-72500-003	1	35	
	MS29513-325	• PACKING	2	35	
-190	8-28492-1	• TUBE ASSY, VENT	1	35	
-191		• TUBING INSTL, FUSELAGE TANK TO WING TRANSFER SEE FIG. 2.12-48	RF		
-192	MS21902D4	• UNION	1	35	
	MS29512-6	• GASKET	1	35	
-193	8-20397-500	• TUBE ASSEMBLY	1	35	
-194		• VALVE ASSY, DRAIN SEE FIG. 2.12-47 INDEX 23	RF		

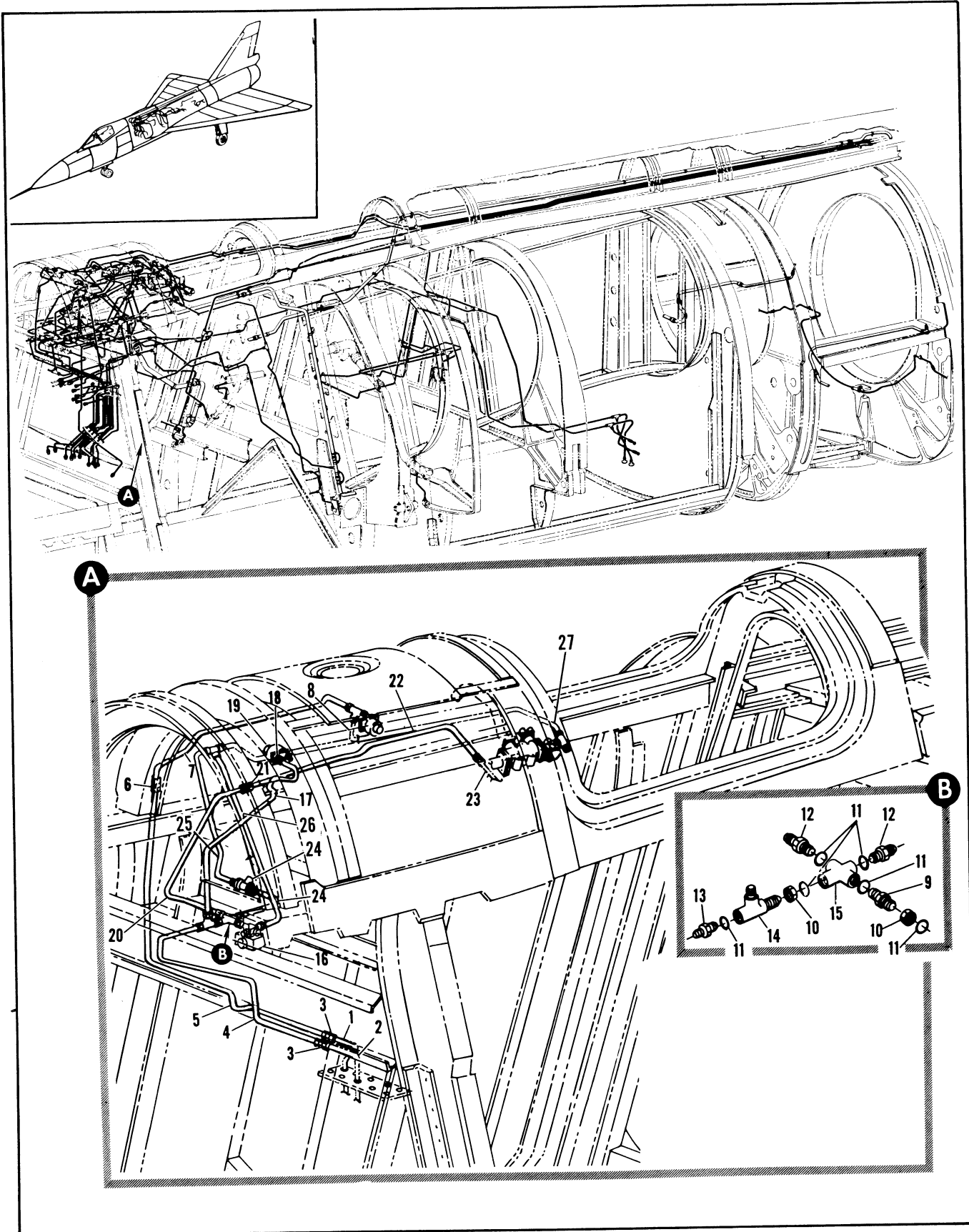


Figure 2.12-45. Fuel Tank Pressure Tubing Installation Sta 253 to 472 RH (Sheet 1 of 11)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-45	8-20397-831	TUBING INSTALLATION, FUEL TANK PRESSURE STA 253 TO 472 RH FOR NHA SEE FIG. 2.3-11	RF	35	42
	8-20397-831	TUBING INSTALLATION, FUEL TANK PRESSURE STA 253 TO 472 RH MODIFIED BY 66J40337 AND 66J40391 FOR NHA SEE FIG. 2.3-11	RF		
	8-20397-841	TUBING INSTALLATION, FUEL TANK PRESSURE STA 253 TO 472 RH FOR NHA SEE FIG. 2.3-11	RF	43	
	8-20397-841	TUBING INSTALLATION, FUEL TANK PRESSURE STA 253 TO 472 RH MODIFIED BY 66J40337 AND 66J40391 FOR NHA SEE FIG. 2.3-11	RF		
- 1		• TUBE ASSY, SEE FIG. 2.12-44 INDEX 101	RF		
- 2		• TUBE ASSY, SEE FIG. 2.12-44 INDEX 103	RF		
- 3	MS21902D4	• UNION	2	35	
- 4	8-20397-1361	• TUBE ASSEMBLY	1	35	
- 5	8-20397-1359	• TUBE ASSEMBLY	1	35	
- 6	MS21902D4	• UNION	1	35	
- 7	8-20397-1357	• TUBE ASSEMBLY	1	35	
- 8		• TUBE ASSY, SEE FIG. 2.12-44 INDEX 49	RF		
- 9	MS21903D6	• UNION	1	35	
- 10	AN924-6D	• NUT	2	35	
- 11	MS29512-6	• GASKET	6	35	
- 12	MS21902D6	• UNION	2	35	
- 13	MS21916D6-4	• REDUCER	1	35	
- 14	MS21911D6	• TEE	1	35	
- 15	AN937-6D	• CROSS	1	35	
- 16		• VALVE, AIR SHUTOFF SEE FIG. 2.12-64	RF		
- 17	8-20397-1341	• TUBE ASSEMBLY	1	35	129
	8-20397-3043	• TUBE ASSEMBLY	1	139	
- 18	MS21916D6-4	• REDUCER	1	35	
	MS29512-4	• GASKET	1	35	
- 19		• SWITCH, FUSELAGE TANK DIFFERENTIAL PRESSURE SEE FIG. 2.12-41 INDEX 51	RF		
- 20	8-20397-1343	• TUBE ASSEMBLY	1	35	
- 21	MS21902D6	• UNION	1	35	
- 22	8-20397-1345	• TUBE ASSEMBLY	1	35	
- 23		• TUBE ASSY, SEE FIG. 2.12-44 INDEX 71	RF		
- 24	8-28388-15	• FITTING, EMER CG TRANSFER LINE	1	35	159
	8-28375-9	• FITTING, EMER CG TRANSFER LINE	1	160	
- 25	63A34496-15	• TUBE ASSEMBLY	1	35	
- 26		• TUBE ASSY, SEE FIG. 2.12-44 INDEX 98	RF		
- 27		• TUBE ASSY, SEE FIG. 2.12-44 INDEX 95	RF		

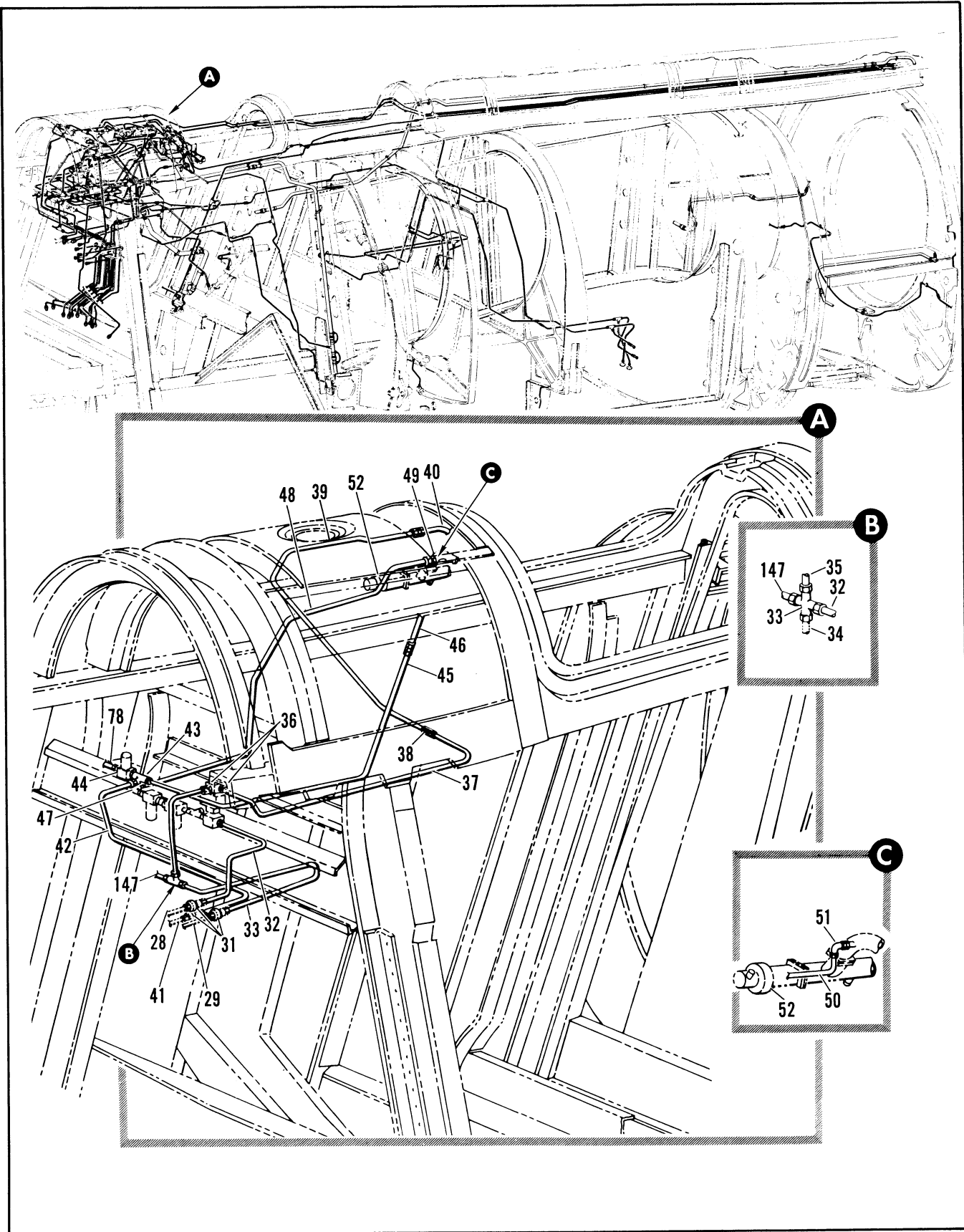


Figure 2.12-45. Fuel Tank Pressure Tubing Installation Sta 253 to 472 RH (Sheet 2 of 11)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-45- 28		• TUBE ASSY, SEE FIG. 2.12-43 INDEX 135	RF		
- 29		• TUBE ASSY, SEE FIG. 2.12-43	RF		
- 30		• EQUIPMENT INSTL, FUSELAGE FUEL TANK TRANSFER SEE FIG. 2.12-52	RF		
- 31	R-20397-584	• TUBE ASSEMBLY	1	35	
- 32	R-20397-1337	• TUPE ASSEMBLY	1	35	
- 33	MS1906D6	• CROSS	1	35	
- 34		• TUBE ASSY, SEE FIG. 2.12-44 INDEX 109	RF		
- 35	R-20397-2881	• TUBE ASSEMBLY	1	35	
- 36	MS21902D6	• UNION	2	35	
	MS29512-6	• GASKET	2	35	
- 37	R-20397-1353	• TUBE ASSEMBLY	1	35	
- 38	MS21902D6	• UNION	1	35	
- 39	R-20397-1351	• TUBE ASSEMBLY	1	35	
- 40		• TUBE ASSY, SEE FIG. 2.12-44 INDEX 61	RF		
- 41		• TUBE ASSY, SEE FIG. 2.12-43	RF		
- 42	R-20397-582	• TUBE ASSEMBLY	1	35	
- 43	MS21912D6	• TEE	1	35	
	MS29512-6	• GASKET	1	35	
	AN924-6D	• NUT	1	35	
- 44		• PANEL INSTL, AIR SHUTOFF VALVE AND FILTER SEE FIG. 2.12-64	RF		
- 45	R-20397-588	• TUBE ASSEMBLY	1	35	
- 46		• TUBE ASSY, SEE FIG. 2.12-44 INDEX 81	RF		
- 47	MS21908D6	• ELBOW	1	35	
	AN924-6D	• NUT	1	35	
	MS29512-6	• GASKET	1	35	
- 48	R-20397-1993	• TUBE ASSEMBLY	1	35	129
- 49	MS21902D6	• UNION	1	35	129
	MS29512-6	• GASKET	1	35	129
- 50	R-20397-2221	• TUBE ASSEMBLY	1	130	
- 51	MS21907D6	• ELBOW	1	130	
	AN924-6D	• NUT	1	130	
	MS29512-6	• GASKET	1	130	
- 52		• REGULATOR ASSY, AIR PRESSURE SEE FIG. 2.9-2 INDEX 16	RF		

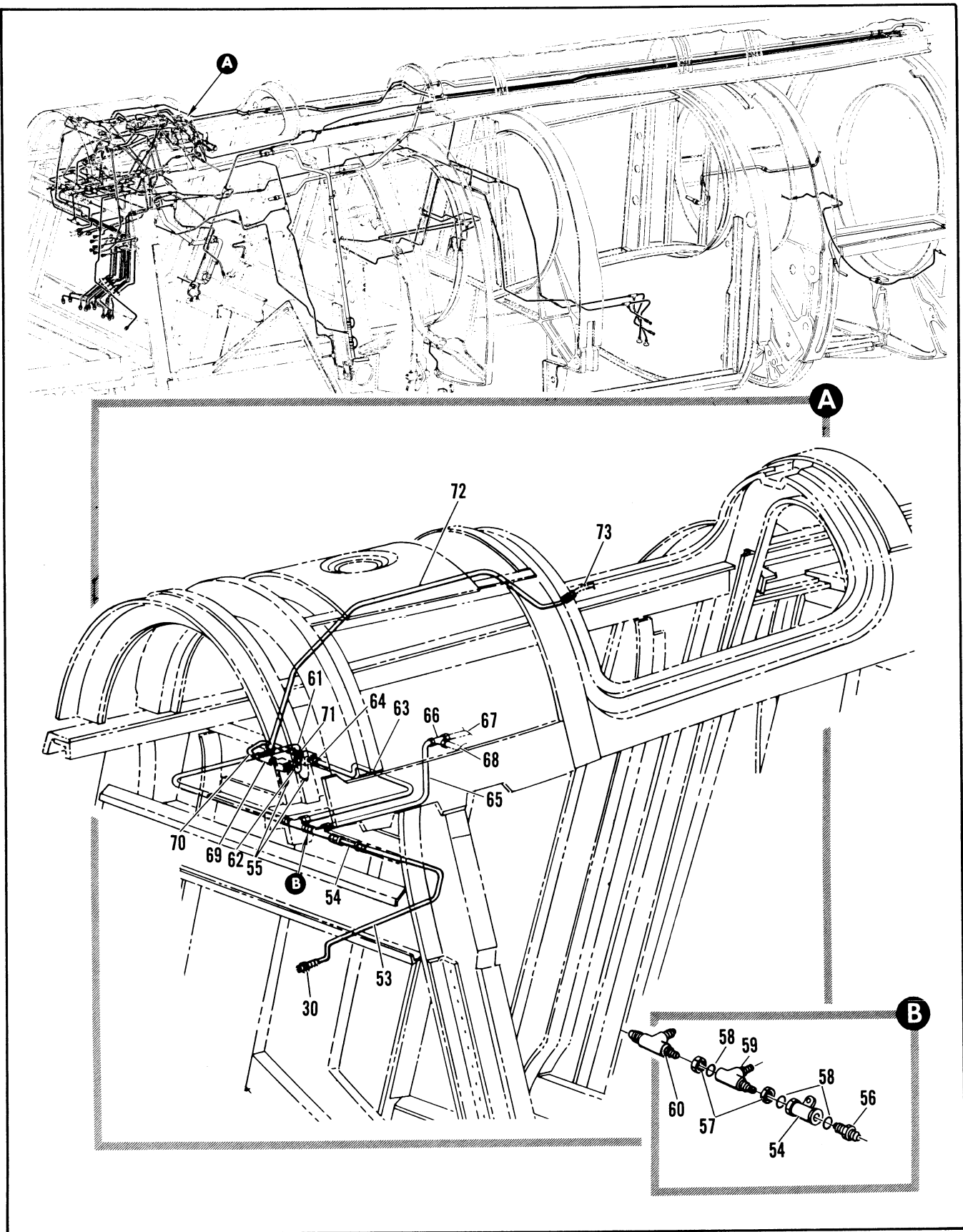


Figure 2.12-45. Fuel Tank Pressure Tubing Installation Sta 253 to 472 RH (Sheet 3 of 11)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-45- 53	8-20397-1317	• TUBE ASSEMBLY	1	35	
- 54	W535-378F	• VALVE, AIR CHECK <96138> SPEC 8-02998-13	1	35	
- 55		• VALVE INSTL, FUEL PRESSURE SHUT-OFF STA 270 SEE FIG. 2.12-54	RF		
- 56	MS2190206	• UNION	1	35	
- 57	AN924-60	• NUT	2	35	
- 58	MS29512-6	• GASKET	3	35	
- 59	MS2191106	• TEE	1	35	
- 60	MS2191206	• TEE	1	35	
- 61	8-20397-1971	• TUBE ASSEMBLY	1	35	
- 62	MS2190806	• ELBOW	1	35	
	AN924-60	• NUT	1	35	
	MS29512-6	• GASKET	1	35	
- 63	8-20397-1973	• TUBE ASSEMBLY	1	35	
- 64	MS2190206	• UNION	1	35	
	MS29512-6	• GASKET	1	35	
- 65	8-20397-1975	• TUBE ASSEMBLY	1	35	
- 66	ER8240060604	• TEE, <92003> 98-90319-018	1	35	
- 67		• TUBE ASSY, SEE FIG. 2.12-44 INDEX 85	RF		
- 68		• TUBE ASSY, SEE FIG. 2.12-44 INDEX 88	RF		
- 69	MS2191206	• TEE	1	35	
	AN924-60	• NUT	1	35	
	MS29512-6	• GASKET	1	35	
- 70	8-20397-22	• TUBE ASSEMBLY	1	35	
- 71	MS2190206	• UNION	1	35	
	MS29512-6	• GASKET	1	35	
- 72	8-20397-600	• TUBE ASSEMBLY	1	35	
- 73		• TUBE ASSY, SEE FIG. 2.12-44 INDEX 66	RF		

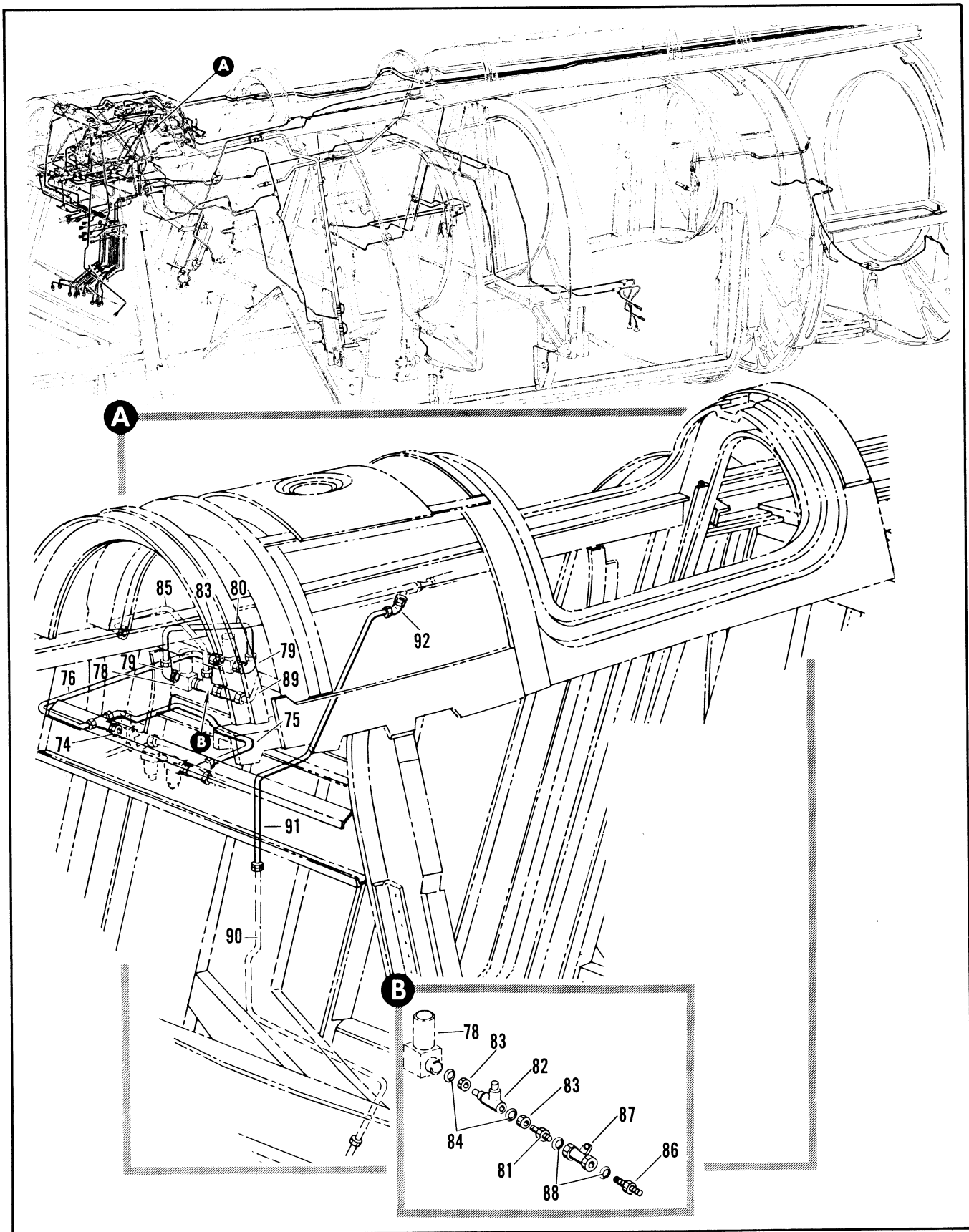


Figure 2.12-45. Fuel Tank Pressure Tubing Installation Sta 253 to 472 RH (Sheet 4 of 11)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-45- 74	MS21909D6	• TEE	1	35	215
	MS21908D6	• TEE	1	216	
	AN924-6D	• NUT	1	35	
	MS29512-6	• GASKET	1	35	
- 75	8-20397-1989	• TUBE ASSEMBLY	1	35	215
- 76	8-20397-1999	• TUBE ASSEMBLY	1	35	215
- 77	MS21902D6	• UNION	1	35	215
	MS29512-6	• GASKET	1	35	215
- 78		• VALVE ASSY, SOLENOID OPERATED SHUTOFF SEE FIG. 2.12-54 INDEX 8	RF		
- 79	MS21908D6	• ELBOW	2	35	215
	AN924-6D	• NUT	2	35	215
	MS29512-6	• GASKET	2	35	215
- 80	8-20397-1997	• TUBE ASSEMBLY	1	35	215
- 81	MS21903D6	• UNION	1	35	215
- 82	MS21911D6	• TEE	1	35	215
- 83	AN924-6D	• NUT	2	35	215
- 84	MS29512-6	• GASKET	2	35	215
- 85		• TUBE ASSY, SEE FIG. 2.12-44 INDEX 6	RF		
- 86	8-28388-13	• UNION	1	35	
- 87	MS35-3/8F	• VALVE, AIR CHECK <9613R> SPEC 8-02998-13	1	35	
- 88	MS29512-6	• GASKET	2	35	
- 89		• TUBE ASSY, SEE FIG. 2.12-44 INDEX 21	RF		
- 90		• TUBE ASSY, SEE FIG. 2.12-44 INDEX 105	RF		
- 91	8-20397-2883	• TUBE ASSEMBLY	1	35	
- 92	MS21908D6	• ELBOW	1	35	
	AN924-6D	• NUT	1	35	
	MS29512-6	• GASKET	1	35	

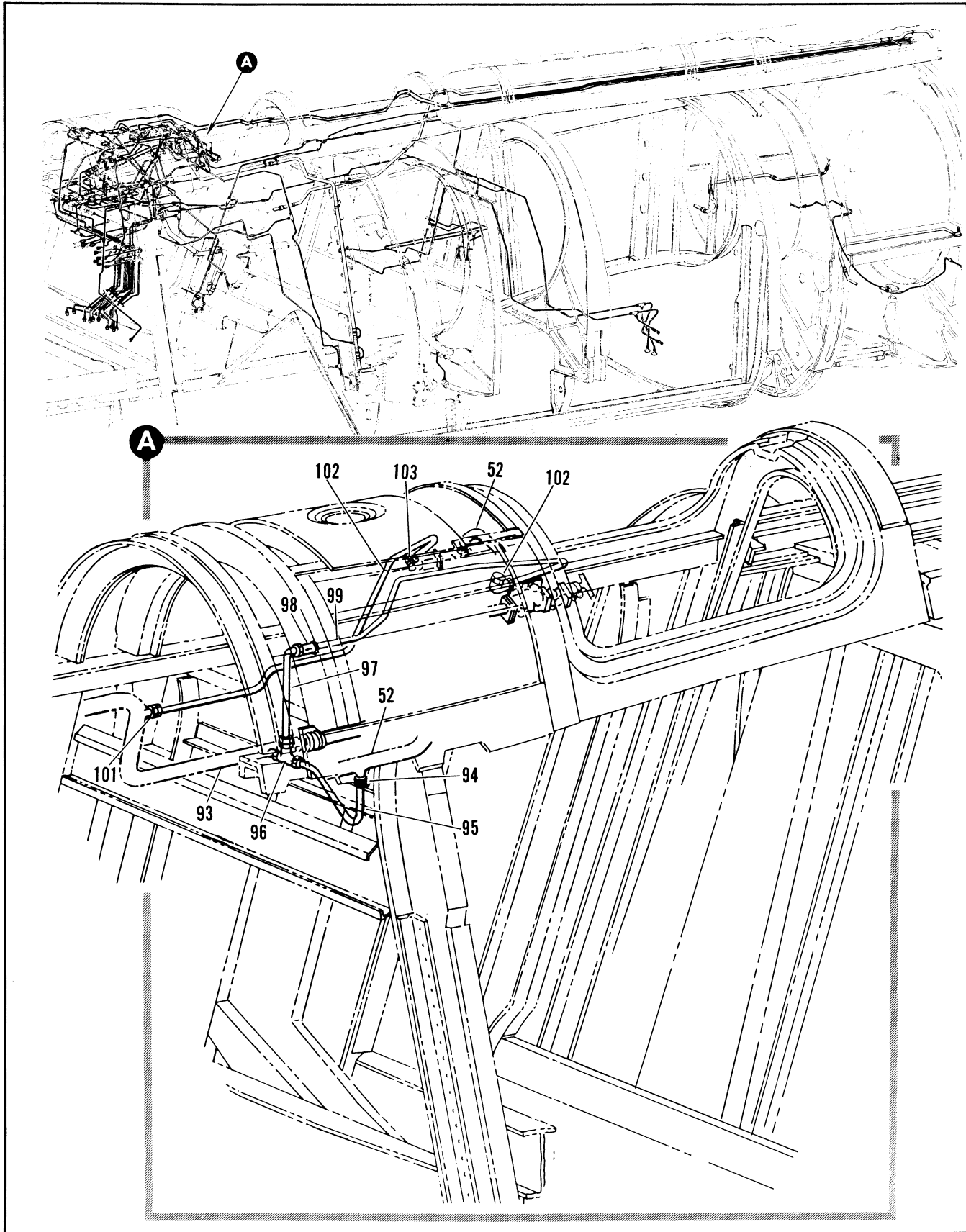


Figure 2.12-45. Fuel Tank Pressure Tubing Installation Sta 253 to 472 RH (Sheet 5 of 11)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-45- 93		• TUBING INSTL, VENT FUSELAGE TANK TO WING SEE FIG. 2.12-47	RF		
- 94	MS21902D6	• UNION	1	35	
	MS29512-6	• GASKET	1	35	
- 95	R-20397-780	• TUBE ASSEMBLY	1	35	
- 96	MS21912D6	• TEE	1	35	
	AN924-6D	• NUT	1	35	
- 97	R-20397-782	• TUBE ASSEMBLY	1	35	
- 98	P20-526	• VALVE, DRAIN AUTOMATIC <91816> SPEC 8-09923-3	1	35	
- 99	8-26397-1991	• TUBE ASSEMBLY	1	35	
-100	MS21908D6	• ELBOW	1	35	
	AN924-6D	• NUT	1	35	
	MS29512-6	• GASKET	1	35	
-101	MS21902D6	• UNION	1	35	
	MS29512-6	• GASKET	1	35	
-102	8-20397-781	• TUBE ASSEMBLY	1	35	
-103	MS21916D6-4	• REDUCER	1	35	
	MS29512-4	• GASKET	1	35	

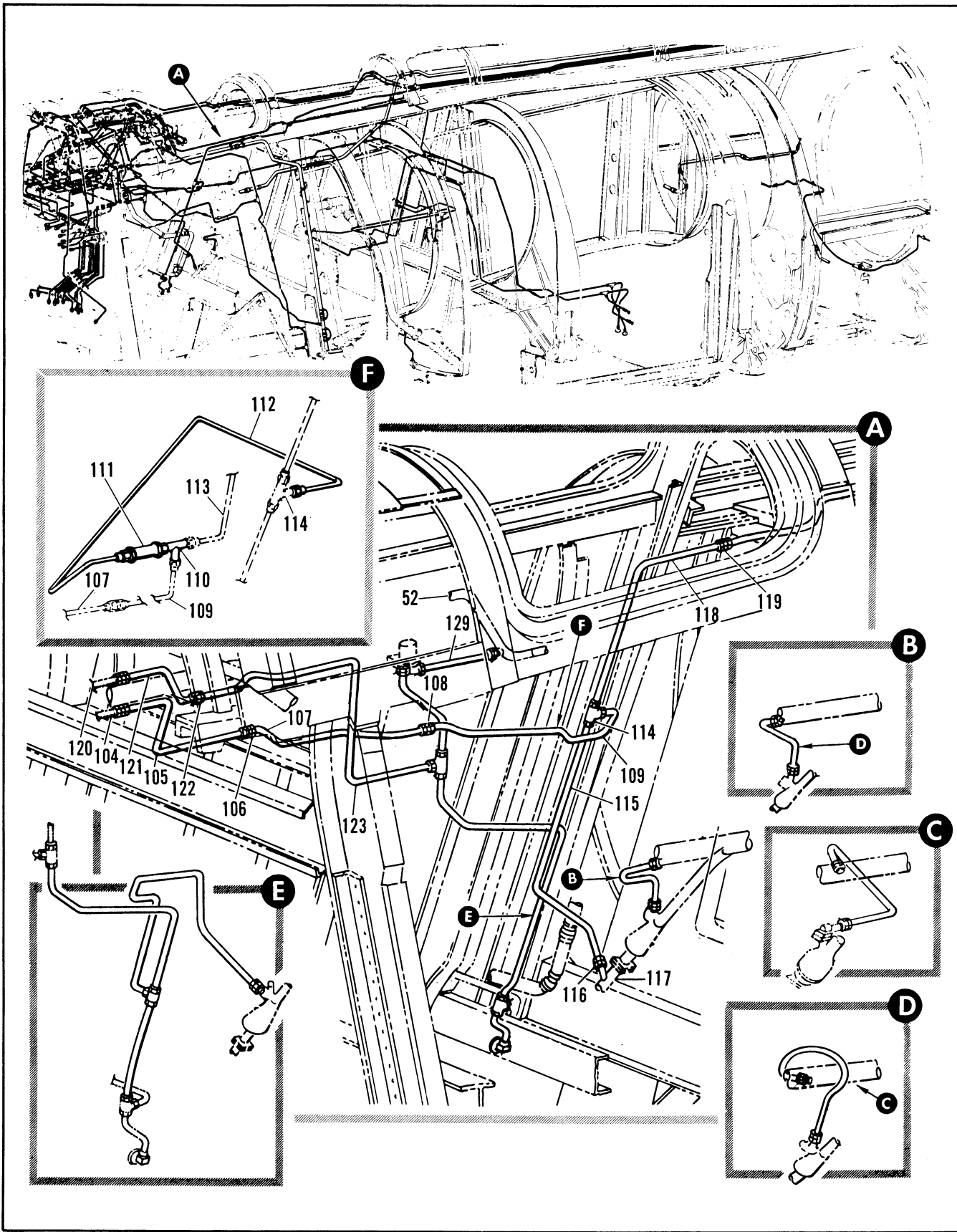


Figure 2.12-45. Fuel Tank Pressure Tubing Installation Sta 253 to 472 RH (Sheet 6 of 11)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-45-104					
-105	8-20397-1065	• TUBE ASSY, SEE FIG. 2.12-43 INDEX 185	RF 1	35	
-106	MS21902D4	• TUBE ASSEMBLY	1	35	
-107	8-20397-56	• UNION	1	35	
-108	MS21902D4	• TUBE ASSEMBLY	1	35	
-109	66A40328-1	• UNION	1	35	
-110	MS21912D4	• TUBE ASSY	1	35	
	MS29512-04	• TEE	1		
	MS29512-06	• GASKET	1		
	AN924-4	• GASKET	1		
	AN893-2D	• NUT	1		
-111	W535-3/8F	• RUSHING	1		
	MS21916D6-4	• VALVE, AIR CHECK (96138) SPEC 8-02998-13	1		
	MS29512-06	• REDUCER	1		
-112	66A405431-1	• GASKET	1		
-113		• TUBE ASSY	1		
-114	MS21905D4	• TUBE ASSY, SEE FIG. 2.12-67 INDEX 2	RF 1	35	
-115	8-20397-52	• TEE	1	35	89
	8-20397-847	• TUBE ASSEMBLY	1	90	
-116	MS21902D4	• TUBE ASSEMBLY	1	35	
	MS29512-4	• UNION	1	35	
-117		• GASKET	RF 1		
		• TUBE ASSY, REFUELING VALVE			
		SEE FIG. 2.12-55 INDEX 14			
-118	8-20397-272	• TUBE ASSEMBLY	1	35	
-119	MS21902D4	• UNION	1	35	
-120		• TUBE ASSY, SEE FIG. 2.12-43 INDEX 88	RF 1		
-121	8-20397-190	• TUBE ASSEMBLY	1	35	188
	8-20397-2641	• TUBE ASSEMBLY	1	189	
-122	MS21902D6	• UNION	1	35	
-123	8-20397-192	• TUBE ASSEMBLY	1	35	63
	8-20397-2027	• TUBE ASSEMBLY	1	61	188
	8-20397-2643	• TUBE ASSEMBLY	1	189	

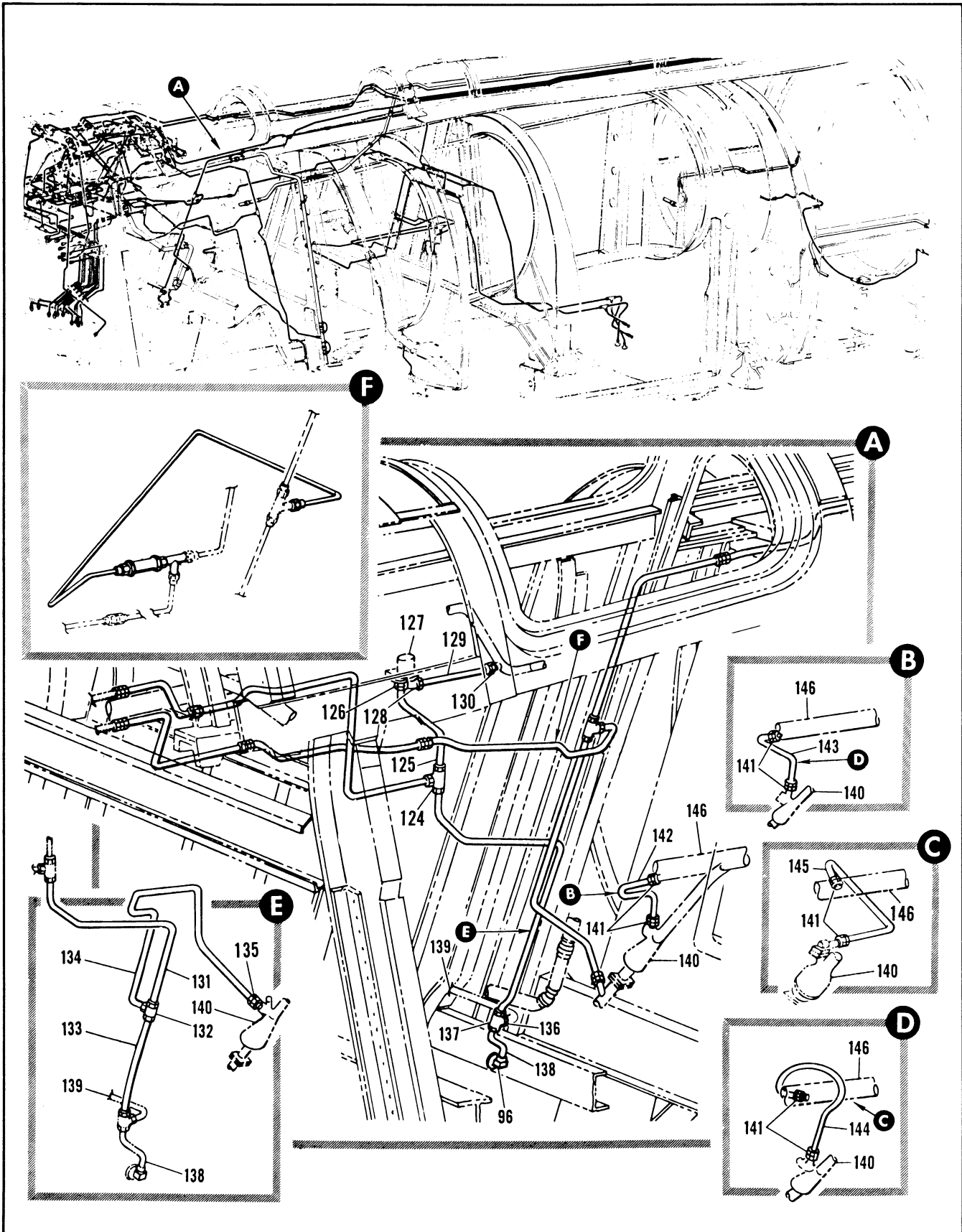


Figure 2.12-45. Fuel Tank Pressure Tubing Installation Sta 253 to 472 RH (Sheet 7 of 11)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-45-124	MS21905D6	• TEE	1	35	
-125	8-20397-542	• TUBE ASSEMBLY	1	35	
-126	MS21916D6-4	• REDUCER	1	35	
	MS29512-4	• GASKET	1	35	
-127		• SWITCH ASSY, EXTERNAL FUEL TANK HIGH PRESSURE SEE FIG. 2.12-38 INDEX 33	RF		
-128	MS21908D4	• ELBOW	1	35	
	MS29512-4	• GASKET	1	35	
-129	8-20397-544	• TUBE ASSEMBLY	1	35	
-130	MS21902D4	• UNION	1	35	
	MS29512-4	• GASKET	1	35	
-131	8-20397-3021	• TUBE ASSY	1	35	
-132	ER824060604	• TEE (92003) 98-90319-008	1	35	
-133	8-20397-3019	• TUBE ASSY	1	35	
-134	8-20397-3023	• TUBE ASSY	1	35	
-135	MS21902D4	• UNION	1	35	
-136	MS21916D6-4	• REDUCER	1	35	
	MS29512-6	• GASKET	1	35	
-137	MS21911D6	• TEE	1	33	
-138	8-20397-120	• TUBE ASSEMBLY	1	35	
-139		• TUBE ASSY, SEE FIG. 2.12-15 INDEX 32	RF		
-140		• VALVE ASSY, REFUELING REGULATOR AND CHECK SEE FIG. 2.12-55 INDEX 1C	RF		
-141	MS21902D6	• UNION	2	35	
	MS29512-6	• GASKET	2	35	
-142	8-20397-258	• TUBE ASSEMBLY	1	35	60
-143	8-20397-2031	• TUBE ASSEMBLY	1	61	89
-144	8-20397-3009	• TUBE ASSEMBLY	1	90	169
-145	8-20397-2951	• TUBE ASSEMBLY	1	170	
-146		• TUBE ASSY, SEE FIG. 2.12-48	RF		
		A REMOVED FROM AIRPLANES #35 AND 40			
		B ADDED ON AIRPLANES #35 AND 40			

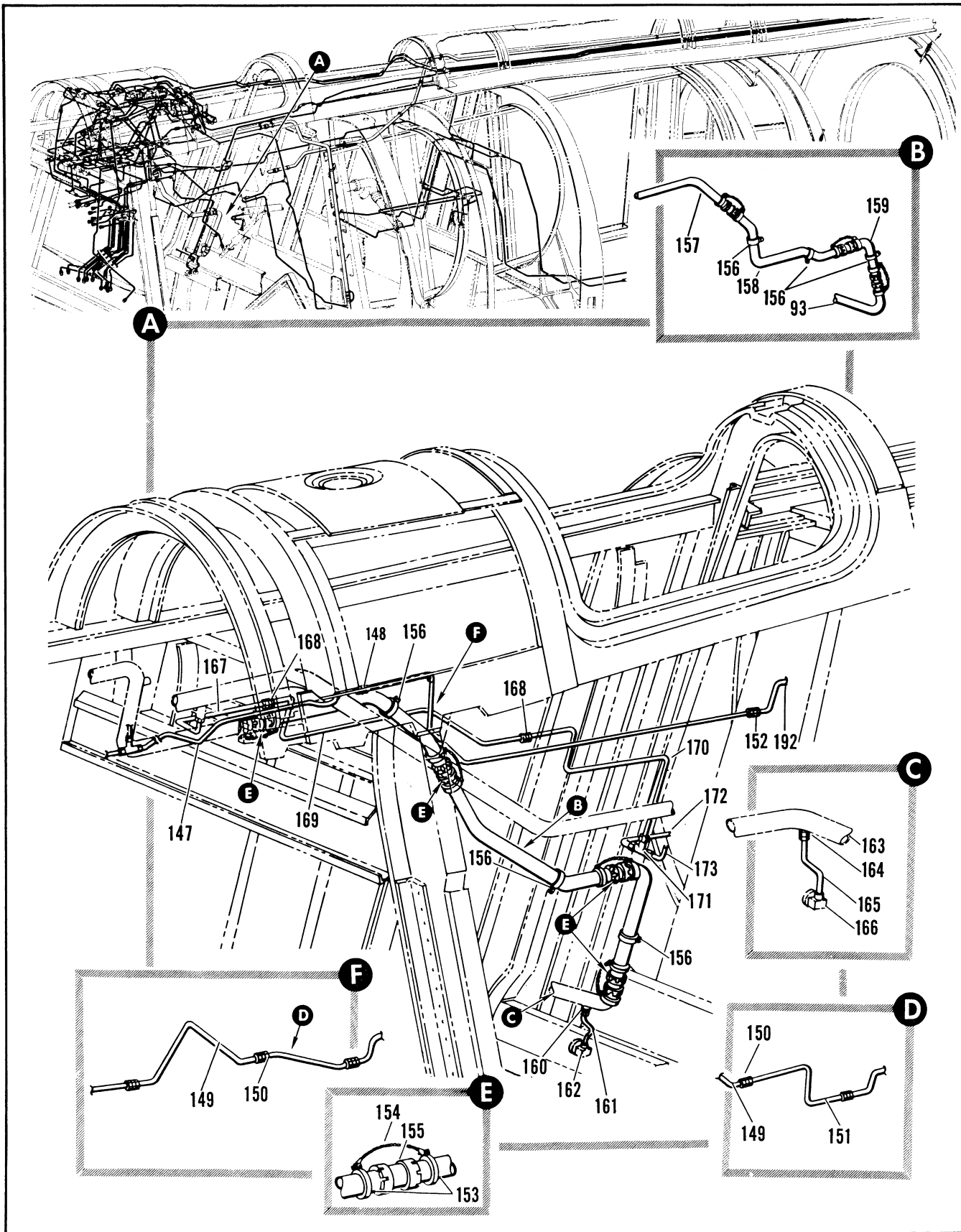


Figure 2.12-45. Fuel Tank Pressure Tubing Installation Sta 253 to 472 RH (Sheet 8 of 11)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-45-147	R-20397-1389	• TUBE ASSEMBLY	1	35	
-148	MS21902D6	• UNION	1	35	
-149	R-20397-2039	• TUBE ASSEMBLY	1	61	
-150	MS21902D6	• UNION	1	61	
-151	R-20397-3013	• TUBE ASSEMBLY	1	90	
-152	MS21905D4	• UNION	1	35	
-153	AN735D24	• CLAMP	8	35	
		ATTACHING PARTS			
	NAS679A3	• NUT	8	35	
	AN960D10L	• WASHER	8	35	
	AN526-1032R6	• SCREW	8	35	
		----X----			
-154	MS25183-1RB4	• JUMPER	4	35	
-155	3605-240	• COUPLING, <79326> 92-72500-003	4	35	
	MS29513-325	• PACKING	4	35	
-156	91-90026-019	• CLAMP	3	35	
		WITH R-20397-2023			
-157	R-20397-2019	• TUBE ASSEMBLY	1	90	
-158	R-20397-2021	• TUBE ASSEMBLY	1	90	
-159	R-20397-2023	• TUBE ASSY, REPLACES NOT INTCHG WITH R-20397-252	1	90	
-160	MS21902D4	• UNION	1	35	
	MS29512-4	• GASKET	1	35	
-161	R-20397-484	• TUBE ASSEMBLY	1	35	
-162		• VALVE ASSY, DRAIN SEE FIG. 2.12-47 INDEX 23	RF		
-163		• TUBING INSTL, FUSELAGE TANK TO WING TRANSFER SEE FIG. 2.12-48	RF		
-164	MS21902D4	• UNION	1	35	
	MS29512-4	• GASKET	1	35	
-165	R-20397-502	• TUBE ASSEMBLY	1	35	
-166		• VALVE ASSY, DRAIN SEE FIG. 2.12-35 INDEX 57	RF		
-167	R-20397-2623	• TUBE ASSEMBLY	1	189	
-168	MS21902D6	• UNION	2	189	
-169	R-20397-2625	• TUBE ASSEMBLY	1	189	
-170	R-20397-2627	• TUBE ASSEMBLY	1	189	
-171	MS21905D6	• TEE	1	189	
-172	R-20397-2629	• TUBE ASSEMBLY	1	189	
-173	R-20397-2727	• TUBE ASSEMBLY	1	189	

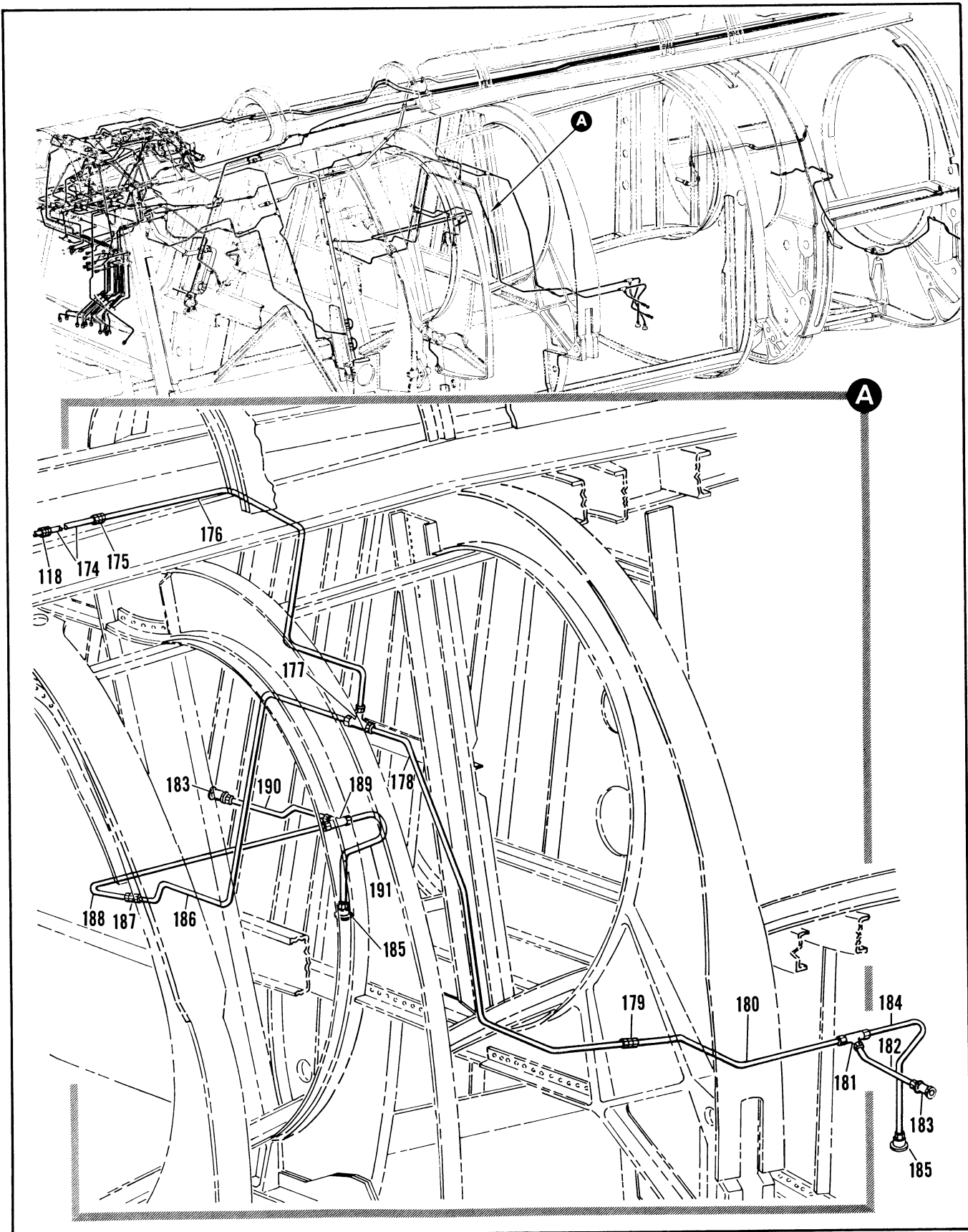


Figure 2.12-45. Fuel Tank Pressure Tubing Installation Sta 253 to 472 RH (Sheet 9 of 11)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-45-174	8-20397-398	• TUBE ASSEMBLY	1	35	
-175	MS21902D4	• UNION	1	35	
-176	8-20397-1165	• TUBE ASSEMBLY	1	35	42
	8-20397-1703	• TUBE ASSEMBLY	1	43	
-177	MS21905D4	• TEE	1	35	
-178	8-20397-36	• TUBE ASSEMBLY	1	35	42
	8-20397-1707	• TUBE ASSEMBLY	1	43	
-179	MS21902D4	• UNION	1	35	
-180	8-20397-34	• TUBE ASSEMBLY	1	35	
-181	MS21905D4	• TEE	1	35	
-182	3-20397-30	• TUBE ASSEMBLY	1	35	
-183		• FITTING INSTL, WING BULKHEAD FUEL TANK SEE FIG. 2.12-66	RF		
-184	8-20397-1471	• TUBE ASSEMBLY	1	35	
-185		• FITTING, REFUEL PRESSURE LINE DRAIN VALVE SEE FIG. 2.12-40 INDEX 62	RF		
-186	8-20397-38	• TUBE ASSEMBLY	1	35	42
	8-20397-1705	• TUBE ASSEMBLY	1	43	
-187	MS21902D4	• UNION	1	35	
-188	8-20397-1495	• TUBE ASSEMBLY	1	35	
-189	MS21905D4	• TEE	1	35	
-190	8-20397-1497	• TUBE ASSEMBLY	1	35	
-191	8-20397-1499	• TUBE ASSEMBLY	1	35	

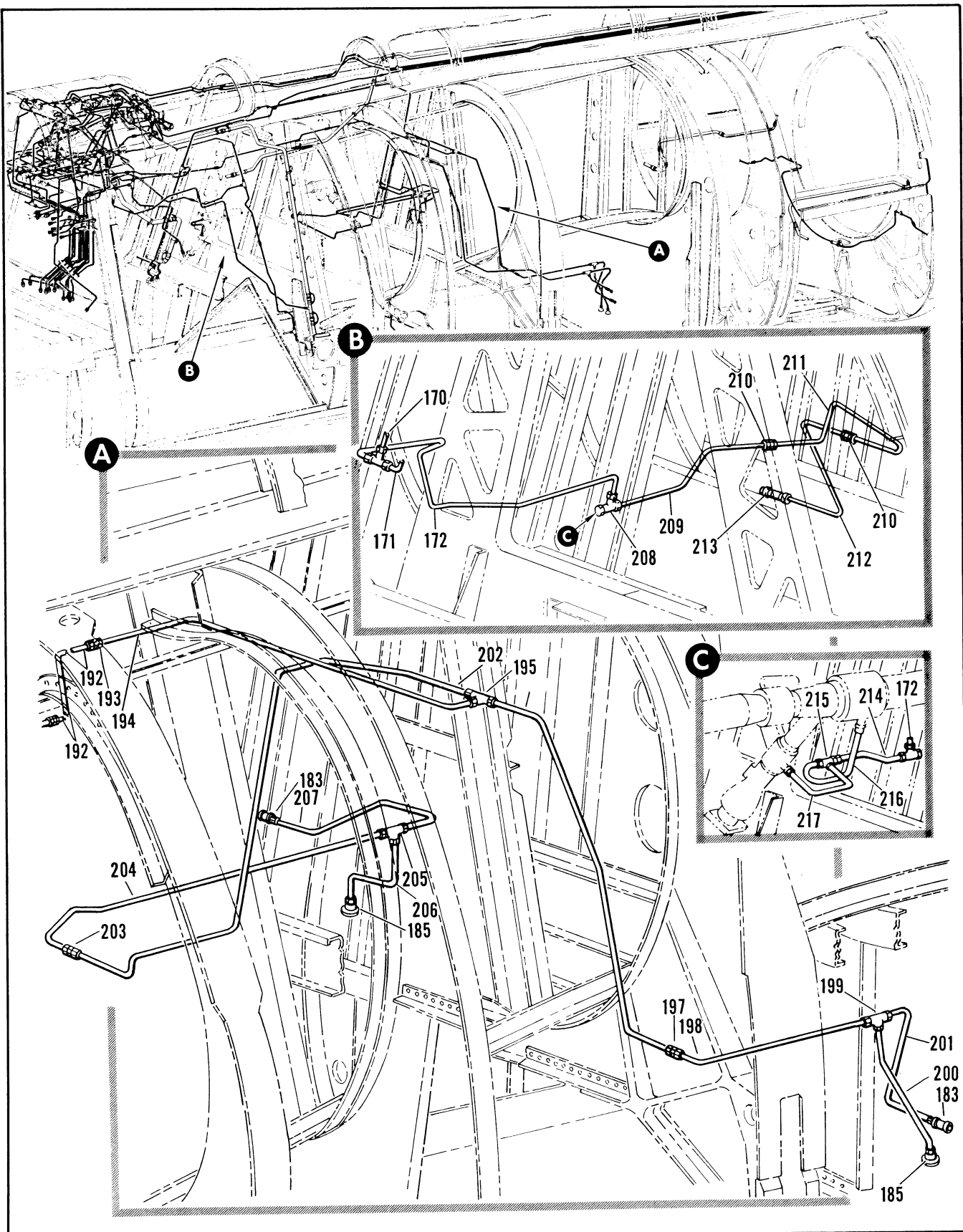


Figure 2.12-45. Fuel Tank Pressure Tubing Installation Sta 253 to 472 RH (Sheet 10 of 11)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-45-192	8-20397-1457	• TUBE ASSEMBLY	1	35	
-193	MS2190206	• UNION	1	35	
-194	66A49515-1	• TUBE ASSY	1		
-195	MS2191506	• TEE	1	35	
-196	8-20397-1461	• TUBE ASSEMBLY	1	35	42
	8-20397-1699	• TUBE ASSEMBLY	1	43	
-197	MS2190206	• UNION	1	35	
-198	8-20397-1465	• TUBE ASSEMBLY	1	35	
-199	ER8240060604	• TEE, <92003> 98-90319-008	1	35	
-200	8-20397-1715	• TUBE ASSEMBLY	1	35	
-201	8-20397-1467	• TUBE ASSEMBLY	1	35	42
-202	8-20397-1463	• TUBE ASSEMBLY	1	35	
	8-20397-1701	• TUBE ASSEMBLY	1	43	
-203	MS2190206	• UNION	1	35	
-204	8-20397-1501	• TUBE ASSEMBLY	1	35	42
	8-20397-1709	• TUBE ASSEMBLY	1	43	
-205	ER8240060604	• TEE, <92003> 98-90319-008	1	35	
-206	8-20397-1717	• TUBE ASSEMBLY	1	35	
-207	8-20397-1503	• TUBE ASSEMBLY	1	35	
-208	MS2191206	• TEE	1	189	
	MS2191406	• CAP	1	189	264
	AN924-6D	• NUT	1	189	
	AN96106	• WASHER	1	189	
-209	8-20397-2631	• TUBE ASSEMBLY	1	189	
-210	MS2190206	• UNION	1	189	
-211	8-20397-2633	• TUBE ASSEMBLY	1	189	
-212	8-20397-2635	• TUBE ASSEMBLY	1	189	
-213		• FITTING, STA 354 SEE FIG. 2.12-66 INDEX 3	RF		
-214	8-20397-2957	• TUBE ASSEMBLY	1	265	
-215	MS2191206	• TEE	1	265	
-216	8-20397-2953	• TUBE ASSEMBLY	1	265	
-217	8-20397-2955	• TUBE ASSEMBLY	1	265	

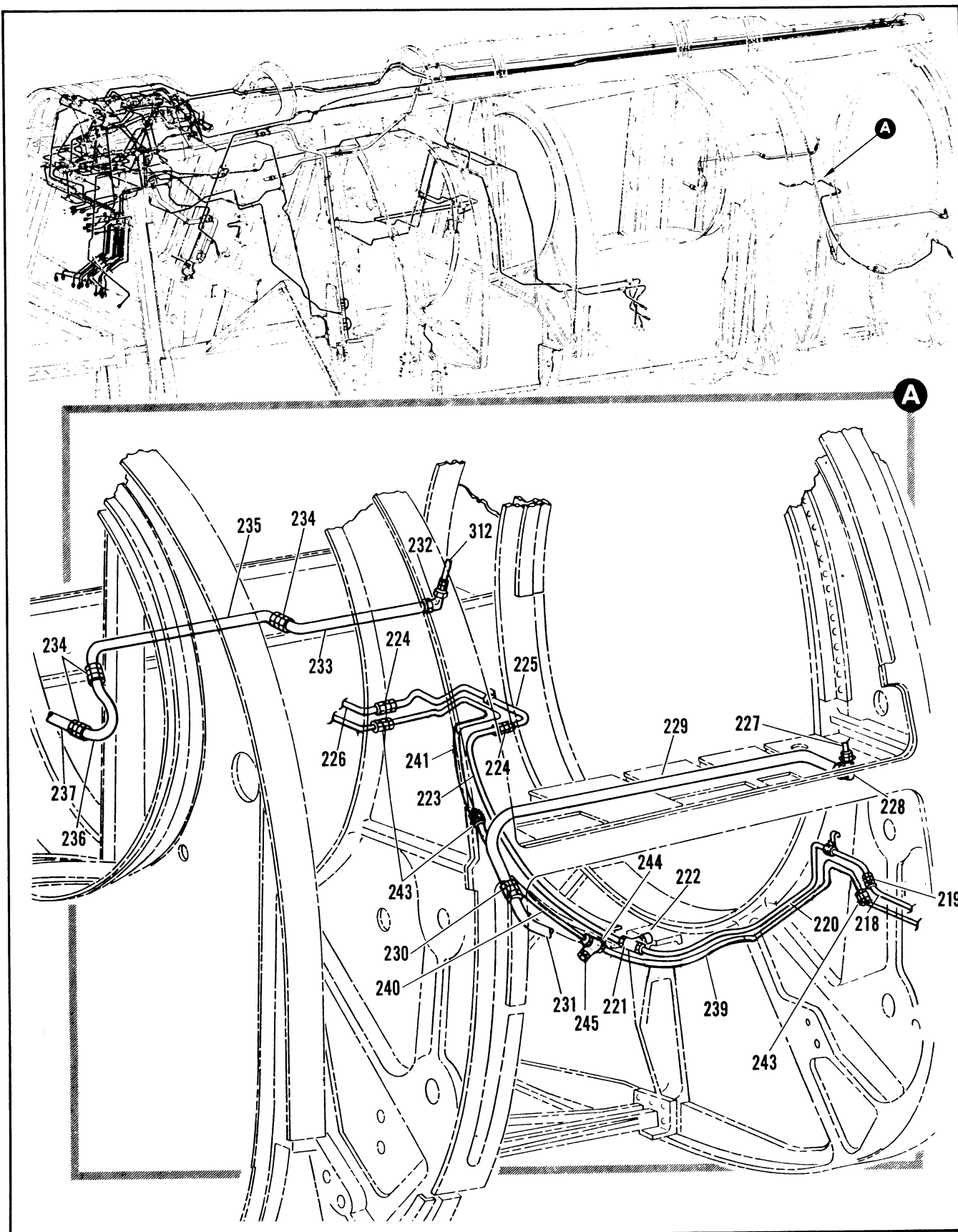


Figure 2-12-45. Fuel Tank Pressure Tubing Installation Sta 253 to 472 RH (Sheet 11 of 11)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-45-218		• TUBE ASSY, MWW FUEL CONTROL SEE FIG. 2.12-37 INDEX 58	RF		
-219	MS21902D4	• UNION	1	35	
-220	8-20397-2947	• TUBE ASSEMBLY	1	35	
-221	MS21910D4	• TEE	1	35	
	AN924-4D	• NUT	1	35	
	AN960D716	• WASHER	1	35	
	MS29512-4	• GASKET	1	35	
-222	160B	• COCK, DRAIN <91511> 92-12501-003	1	35	
-223	8-21898-21	• TUBE ASSEMBLY	1	35	
-224	MS21902D4	• UNION	2	35	
-225	8-21898-19	• TUBE ASSEMBLY	1	35	
-226		• TUBE ASSY, MWW FUEL CONTROL SEE FIG. 2.12-37 INDEX 181	RF		
-227		• TUBE ASSY, FUEL TANK PRESSURE LH SEE FIG. 2.12-46 INDEX 2	RF		
-228	MS21908D12	• ELBOW	1	35	
	AN924-12D	• NUT	1	35	
	AN960D1716	• WASHER	1	35	
-229	8-20397-321	• TUBE ASSEMBLY	1	35	
-230	MS21902D12	• UNION	1	35	
-231		• TUBE ASSY, MWW FUEL SEE FIG. 2.12-37 INDEX 16	RF		
-232		• TUBE ASSY, FUEL TANK PRESSURE RH SEE FIG. 2.12-46 INDEX 4	RF		
-233	MS21908D12	• ELBOW	1	35	
	AN924-12D	• NUT	1	35	
	AN960D1716	• WASHER	1	35	
-234	8-20397-236	• TUBE ASSEMBLY	1	35	
-235	MS21902D12	• UNION	3	35	
-236	8-20397-274	• TUBE ASSEMBLY	1	35	
-237	8-20397-276	• TUBE ASSEMBLY	1	35	
-238		• TUBE ASSY, MWW FUEL CONTROL RH SEE FIG. 2.12-37 INDEX 139	RF		
-239	68A37755-7	• TUBE ASSEMBLY	1	35	
-240	68A37755-6	• TUBE ASSEMBLY	1	35	
-241	68A37755-5	• TUBE ASSEMBLY	1	35	
-242	68A37755-4	• TUBE ASSEMBLY	1	35	
-243	MS21902D4	• UNION	3	35	
-244	MS21910D4	• TEE	1	35	
-245	160B	• PLUG	1	35	

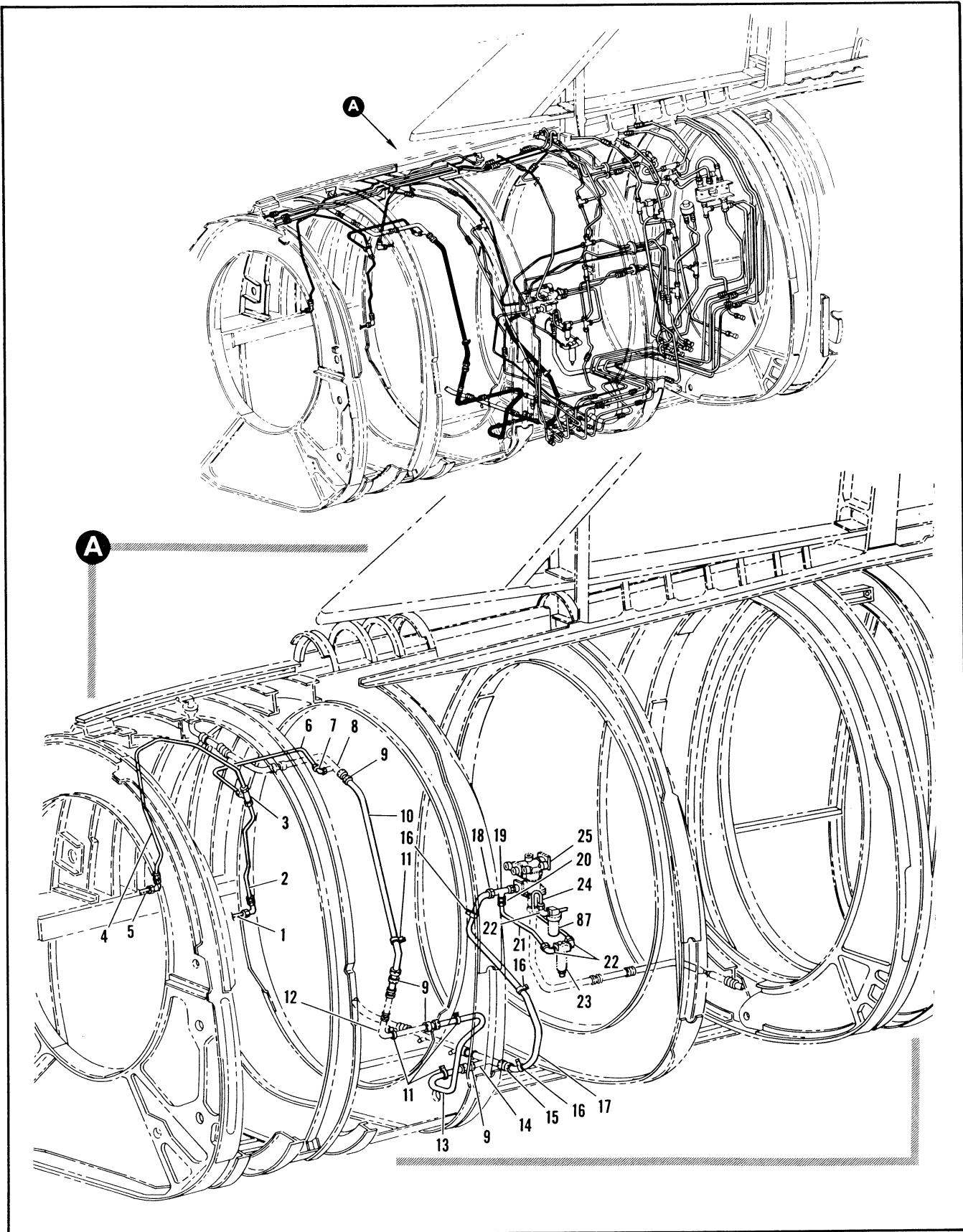


Figure 2.12-46. Fuel Tank Pressure Tubing Installation LH Sta 472 to 577 (Sheet 1 of 8)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-46	8-20397-833	TUBING INSTALLATION, FUEL TANK PRESSURE LH STA 472 TO 577 FOR MHA SEE FIG. 2.3-14	RF	35	
- 1		• TUBE ASSY, FUEL TANK PRESSURE SEE FIG. 2.12-45 INDEX 229	RF		
- 2	8-20397-270	• TUBE ASSY, FUEL TANK PRESSURE	1	35	
- 3	MS21905D12	• TEE	1	35	
- 4	8-20397-751	• TUBE ASSY, FUEL TANK PRESSURE	1	35	
- 5		• TUBE ASSY, FUEL TANK PRESSURE RH SEE FIG. 2.12-45 INDEX 224	RF		
- 6	8-20397-747	• TUBE ASSY, FUEL TANK PRESSURE	1	35	
- 7	MS21908D12	• ELBOW	1	35	
	AN924-120	• NUT	1	35	
	MS29512-12	• GASKET	1	35	
- 8		• ELBOW ASSY, FUEL TANK PRESSURE SEE FIG. 2.12-58 INDEX 16	RF		
- 9	NAS594-24	• COUPLING	4	35	
	NAS595-24	• RING	4	35	
- 10	8-20397-643	• TUBE ASSY, FUEL TANK PRESSURE	1	35	
- 11	91-98026-023	• CLAMP	4	35	
- 12		• ELBOW ASSY, FUEL TANK PRESSURE SEE FIG. 2.12-58 INDEX 21	RF		
- 13	8-20397-645	• TUBE ASSY, FUEL TANK PRESSURE	1	35	
- 14		• TEE, SEE FIG. 2.12-58 INDEX 23	RF		
- 15	NAS594-20	• COUPLING	1	35	
	NAS595-20	• RING	1	35	
- 16	91-98026-019	• CLAMP	3	35	
- 17	8-20397-639	• TUBE ASSY, FUEL TANK PRESSURE	1	35	
- 18	NAS596-20	• NUT	1	35	
	NAS595-20	• RING	1	35	
- 19		• TUBE ASSY, SEE FIG. 2.12-58 INDEX 30	RF		
- 20	MS21902D6	• UNION	1	35	
	NAS617-6	• GASKET	1	35	
- 21	8-20397-2095	• TUBE ASSY, FUEL TANK PRESSURE	1	35	
- 22	MS21908D6	• ELBOW	3	35	
	AN924-60	• NUT	3	35	
	NAS617-6	• GASKET	3	35	
- 23		• FILTER, HIGH TEMPERATURE AIR SEE FIG. 2.12-59 INDEX 4	RF		
- 24	8-20397-314	• TUBE ASSY, FUEL TANK PRESSURE	1	35	
- 25		• REGULATOR ASSY, AIR PRESSURE TRANSFER TANK SEE FIG. 2.12-36 INDEX 99	RF		

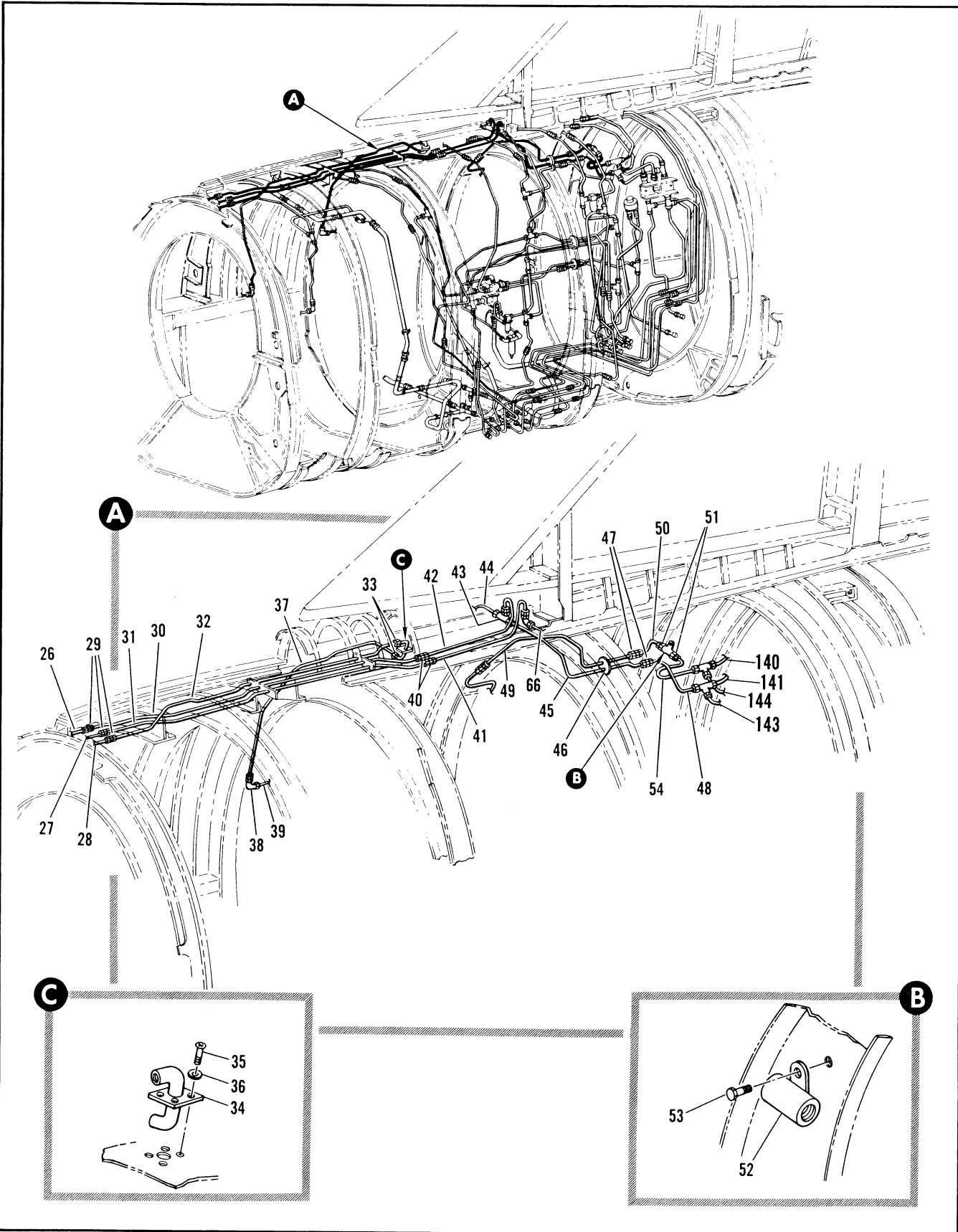


Figure 2.12-46. Fuel Tank Pressure Tubing Installation LH Sta 472 to 577 (Sheet 2 of 8)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-46- 26		• TUBE ASSY, FUEL TANK PRESSURE SEE FIG. 2.12-44 INDEX 34	RF		
- 27		• TUBE ASSY, FUEL TANK PRESSURE SEE FIG. 2.12-44 INDEX 33	RF		
- 28		• TUBE ASSY, FUEL TANK PRESSURE SEE FIG. 2.12-44 INDEX 32	RF		
- 29	MS2190206	• UNION	3	35	
- 30	8-20397-102	• TUBE ASSY, UPPER	1	35	
- 31	8-20397-100	• TUBE ASSY, UPPER	1	35	
- 32	8-20397-244	• TUBE ASSY, UPPER	1	35	
- 33	MS2190206	• UNION	2	35	
- 34	8-28243	• FITTING ASSY, FEED THRU WELDED ATTACHING PARTS	1	35	
- 35	NAS221-10	• SCREW	4	35	
- 36	AN960D10L	• WASHER	4	35	
		-----X-----			
- 37	8-20397-246	• TUBE ASSEMBLY	1	35	
	AN924-6D	• NUT	1	35	
	AN960D916	• WASHER	1	35	
	MS2190806	• ELBOW	1	35	
- 38		• TUBE ASSY, SEE FIG. 2.12-32 INDEX 21	RF		
- 39		• UNION	2	35	
- 40	MS2190206	• UNION	1	35	
- 41	8-20397-420	• TUBE ASSY, UPPER	1	35	
- 42	8-20397-422	• TUBE ASSY, UPPER	1	35	
	AN924-6D	• NUT	1	35	
	AN960D916	• WASHER	1	35	
- 43	MS2190906	• TEE	1	35	
- 44		• TUBE ASSY, SEE FIG. 2.12-32 INDEX 48	RF		
- 45	8-20397-1889	• TUBE ASSEMBLY	1	35	
- 46	8-28339-19	• GROMMET	2	35	47
	8-28339-19	• GROMMET	1	48	
- 47	MS2190206	• UNION	2	35	
- 48	8-20397-1885	• TUBE ASSEMBLY	1	35	
- 49	8-20397-741	• TUBE ASSEMBLY	1	35	47
	8-20397-562	• TUBE ASSEMBLY	1	48	
- 50	8-20397-1625	• TUBE ASSEMBLY	1	35	
- 51	MS2190206	• UNION	2	35	
	NAS617-6	• PACKING	2	35	
- 52	W535-378F	• VALVE ASSY, CHECK <9613> SPEC 8-02998-13 ATTACHING PARTS	1	35	
- 53	AN3-5A	• BOLT	1	35	
		-----X-----			
- 54	8-20397-1627	• TUBE ASSEMBLY	1	35	

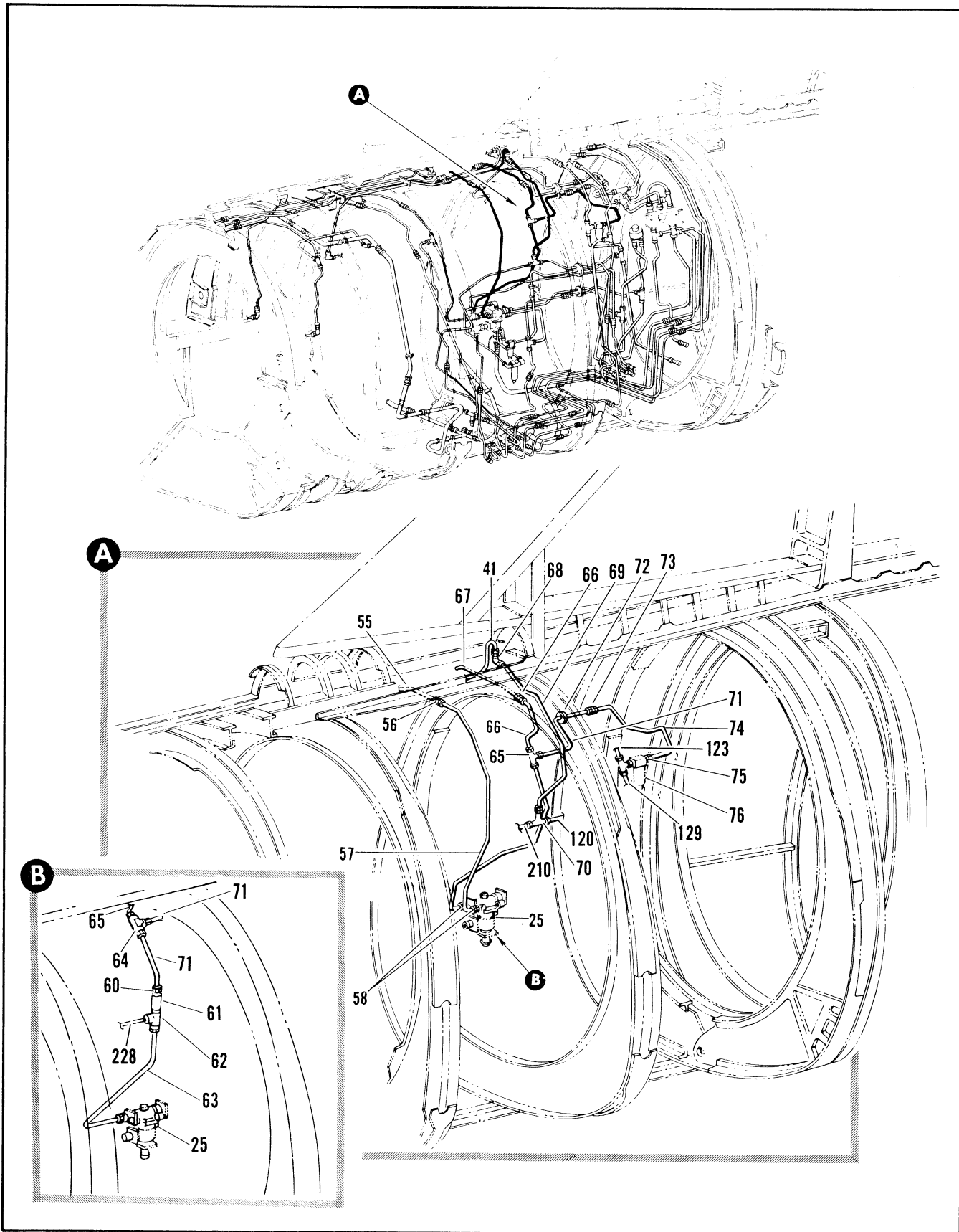


Figure 2.12-46. Fuel Tank Pressure Tubing Installation LH Sta 472 to 577 (Sheet 3 of 8)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-46- 55		• TUBE ASSY, SEE FIG. 2.12-32 INDEX 26	RF		
- 56	MS21912D6	• UNION	1	35	
- 57	8-20397-338	• TUBE ASSEMBLY	1	35	
- 58	MS21902D6	• UNION	2	35	
	NAS617-6	• GASKET	2	35	
- 59	8-20397-2861	• TUBE ASSEMBLY	1	35	
- 60	MS21912D6	• UNION	1	35	
	NAS617-6	• GASKET	1	35	
- 61	W535-3/8F	• VALVE ASSY, AIR CHECK <96138> SPEC 8-02998-13	1	35	
- 62	ER8940060604	• TEE <92003> 96-90314-034	1	35	
	AN924-6D	• NUT	1	35	
	NAS617-6	• GASKET	1	35	
- 63	8-20397-2855	• TUBE ASSEMBLY	1	216	277
	8-21834-21	• TUBE ASSEMBLY	1	278	
	AN924-6D	• NUT	1	35	
	AN9600916	• WASHER	1	35	
- 64	MS21909D6	• TEE	1	35	
- 65	8-20397-416	• TUBE ASSEMBLY	1	35	
- 66	MS21912D6	• UNION	1	35	
- 67		• TUBE ASSY, SEE FIG. 2.12-32 INDEX 43 AND 55	RF		
	AN924-6D	• NUT	1	35	
	AN9600916	• WASHER	1	35	
- 68	MS21908D6	• ELBOW	1	35	
- 69	8-20397-1857	• TUBE ASSEMBLY	1	35	
	AN924-6D	• NUT	1	35	
	AN9600916	• WASHER	1	35	
- 70	MS21912D6	• TEE	1	35	
- 71	8-20397-552	• TUBE ASSEMBLY	1	35	47
	8-20397-1567	• TUBE ASSEMBLY	1	48	277
	8-21834-23	• TUBE ASSEMBLY	1	278	
- 72	8-28339-21	• GROMMET	2	35	47
	8-28339-21	• GROMMET	1	48	
- 73	MS21912D6	• UNION	1	35	
- 74	8-20397-550	• TUBE ASSEMBLY	1	35	
- 75	MS21913D6	• UNION	1	35	
	NAS617-6	• GASKET	1	35	
- 76		• VALVE ASSY, AIR SHUTOFF SEE FIG. 2.12-35 INDEX 63	RF		

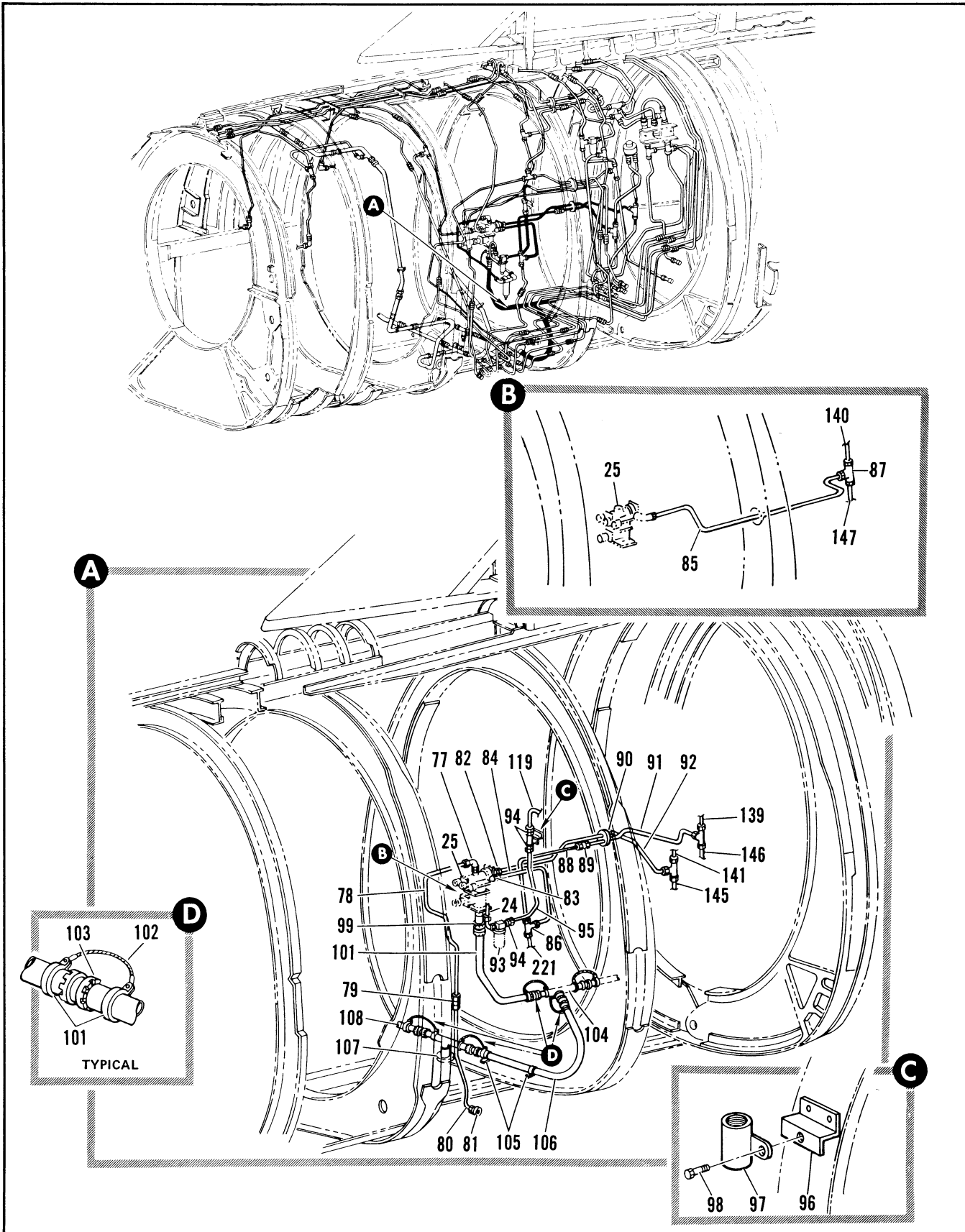


Figure 2.12-46. Fuel Tank Pressure Tubing Installation LH Sta 472 to 577 (Sheet 4 of 8)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-46- 77	MS21908D6	• ELBOW	1	35	
	AN924-6D	• NUT	1	35	
	MS29512-6	• GASKET	1	35	
- 78	8-20397-711	• TUBE ASSEMBLY	1	35	
- 79	MS21902D6	• UNION	1	35	
- 80	8-20397-713	• TUBE ASSEMBLY	1	35	
- 81		• ADAPTER, TRANSFER TANK AIR PRESSURE REGULATOR BLEED DRAIN STA 542 SEE FIG. 2.10-16 INDEX 7	RF		
- 82	MS21902D4	• UNION	1	35	
	NAS671-4	• GASKET	1	35	
- 83	MS21902D4	• UNION	1	35	
	MS29512-4	• GASKET	1	35	
- 84	8-20397-1897	• TUBE ASSEMBLY	1	35	159
- 85	8-20397-3063	• TUBE ASSEMBLY	1	160	
- 86	ER8240C60604	• TEE, <92003> 98-90319-008	1	35	159
- 87	MS21910D6	• TEE	1	160	
	MS21916D6-4	• REDUCER	1	160	
	MS29512-6	• GASKET	1	160	
- 88	8-20397-1929	• TUBE ASSEMBLY	1	35	159
- 89	MS21902D6	• UNION	1	35	159
- 90	8-28339-25	• GROMMET	2	35	47
	8-28339-25	• GROMMET	1	48	
- 91	8-20397-1931	• TUBE ASSEMBLY	1	35	159
- 92	8-20397-1605	• TUBE ASSEMBLY	1	35	
- 93		• VALVE ASSY, AIR PRESSURE SHUTOFF SEE FIG. 2.12-59 INDEX 9	RF		
- 94	MS21902D6	• UNION	3	35	
	NAS617-6	• GASKET	3	35	
- 95	8-20397-316	• TUBE ASSEMBLY	1	35	
- 96	90-93509-003	• BRACKET	1	35	
- 97	W535-378F	• VALVE ASSY, CHECK <96138> SPEC 8-02998-13 ATTACHING PARTS	1	35	
- 98	AN3-4A	• BOLT	1	35	
- 99	3605-20D	-----X-----	1	35	
	2-2185418-6	• COUPLING (79326) 92-72500-006	1	35	
	NAS1593-218	• PACKING, REPLACED BY NAS1593-218	1	35	
	8-20397-3033	• PACKING, REPLACES 2-2185418-6	1	35	
-100	AN753D20	• TUBE ASSEMBLY	8	35	
-101		• CLAMP ATTACHING PARTS	8	35	
	NAS679A3	• NUT	8	35	
	AN960010L	• WASHER	8	35	
	AN526-1032R6	• SCREW	8	35	
-102	MS25083-1BB3	-----X-----	4	35	
-103	2-2185418-6	• JUMPER	4	35	
	NAS1593-218	• PACKING, REPLACED BY NAS1593-218	4	35	
		• PACKING, REPLACES 2-2185418-6	4	35	
-104		• TEE, SEE FIG. 2.12-58 INDEX 36	RF		
-105	91-98026-019	• CLAMP	2	35	
-106	8-20397-3037	• TUBE ASSEMBLY	1	48	277
	8-21834-11	• TUBE ASSEMBLY	1	A	
-107		• TUBE ASSY, REGULATOR CROSSOVER DRAIN SEE FIG. 2.12-58 INDEX 41	RF		
-108		• TUBE ASSY, SEE FIG. 2.12-32 INDEX 101	RF		

A AIRPLANES #35 THRU 47, 278 AND ON

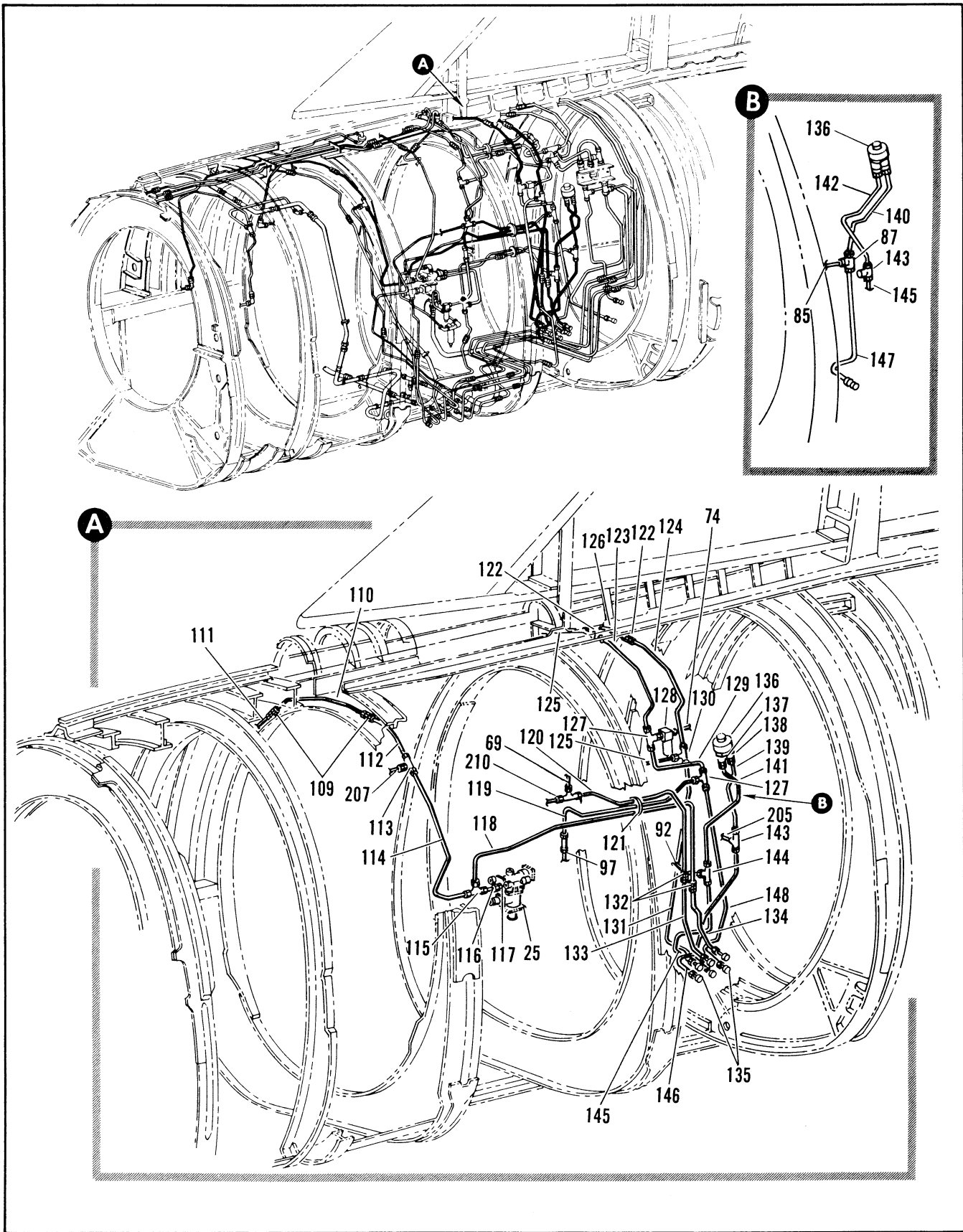


Figure 2.12-46. Fuel Tank Pressure Tubing Installation LH Sta 472 to 577 (Sheet 5 of 8)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-46-109	MS2190206	• UNION	2	35	
-110	8-20397-1047	• TUBE ASSEMBLY	1	35	
-111		• TUBE ASSY, SEE FIG. 2.12-32 INDEX 73	RF		
-112	8-20397-1589	• TUBE ASSEMBLY	1	35	
-113	ER8240060604	• TEE, <92003> 98-90319-008	1	35	
-114	8-20397-1591	• TUBE ASSEMBLY	1	35	
-115	MS2190506	• TEE	1	35	
-116	8-20397-1587	• TUBE ASSEMBLY	1	35	
-117	MS2190206	• UNION	1	35	
	NAS617-6	• GASKET	1	35	
-118	8-20397-1593	• TUBE ASSEMBLY	1	35	
-119	8-20397-1063	• TUBE ASSEMBLY	1	35	
-120	8-20397-1597	• TUBE ASSEMBLY	1	35	
-121	8-28339-23	• GROMMET	2	35	47
	8-28339-23	• GROMMET	1	48	277
	8-28339-11	• GROMMET	1	278	
-122	MS2190206	• UNION	2	35	
-123	8-20397-1573	• TUBE ASSEMBLY	1	35	
-124	8-20397-1581	• TUBE ASSEMBLY	1	35	
-125		• TUBE ASSY, SEE FIG. 2.12-32 INDEX 86	RF		
-126		• TUBE ASSY, SEE FIG. 2.12-32 INDEX 87	RF		
	AN924-6D	• NUT	2	35	
	AN960016	• WASHER	2	35	
-127	MS2190906	• TEE	2	35	
-128		• VALVE ASSY, AIR SHUTOFF SEE FIG. 2.12-38 INDEX 65	RF		
-129	8-20397-1571	• TUBE ASSEMBLY	1	35	
-130	ER8240060604	• TEE, <92003> 98-90319-008	1	35	
-131	8-20397-1579	• TUBE ASSEMBLY	1	35	
	AN924-6D	• NUT	2	35	
	AN9600916	• WASHER	2	35	
	NAS617-6	• GASKET	1	35	
-132	MS2190206	• UNION	2	35	
-133	8-20397-1599	• TUBE ASSEMBLY	1	35	
-134	8-20397-1595	• TUBE ASSEMBLY	1	35	
-135		• FITTING, TRANSFER TANK AMBIENT SENSING SEE FIG. 2.12-35 INDEX 5	RF		
-136		• SWITCH ASSY, EMERGENCY PRESSURE SEE FIG. 2.12-40 INDEX 63	RF		
-137	MS2190204	• UNION	1	35	
-138	MS2191604	• REDUCER	1	35	159
	MS29512-4	• GASKET	2	35	
-139	8-20397-1693	• TUBE ASSEMBLY	1	35	159
-140	8-20397-3057	• TUBE ASSEMBLY	1	160	
-141	8-20397-308	• TUBE ASSEMBLY	1	35	159
-142	8-20397-3045	• TUBE ASSEMBLY	1	160	
-143	MS2190506	• TEE	1	35	159
-144	MS2190504	• TEE	1	35	
-145	8-20397-1607	• TUBE ASSEMBLY	1	35	
-146	8-20397-1691	• TUBE ASSEMBLY	1	35	159
-147	8-20397-3055	• TUBE ASSEMBLY	1	160	
-148	8-20397-402	• TUBE ASSEMBLY	1	35	

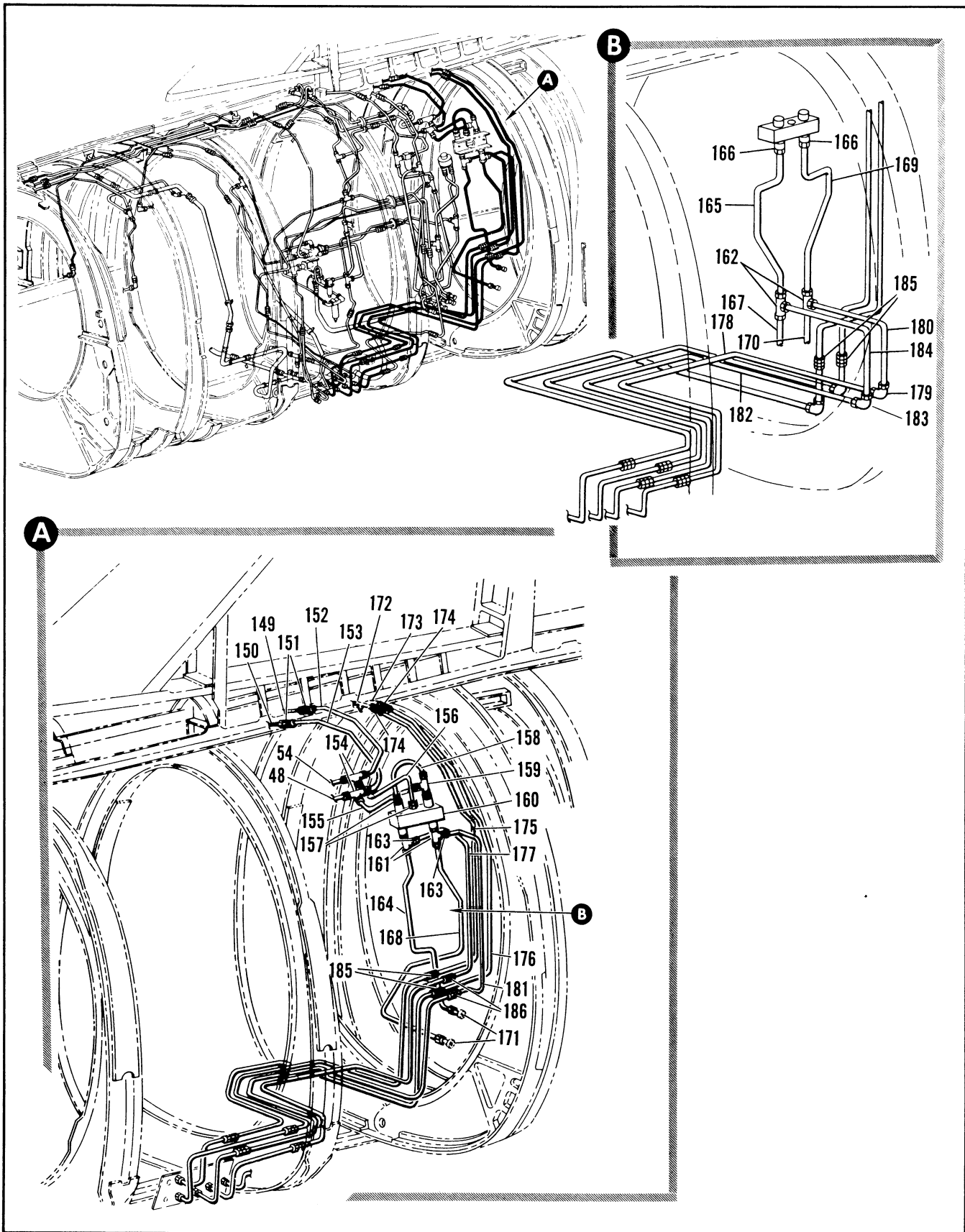


Figure 2.12-46. Fuel Tank Pressure Tubing Installation LH Sta 472 to 577 (Sheet 6 of 8)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-46-149		• TUBE ASSY, SEE FIG. 2.12-34 INDEX 106	RF		
-150		• TUBE ASSY, SEE FIG. 2.12-34 INDEX 107	RF		
-151	MS2190206	• UNION	2	35	
-152	8-20397-1891	• TUBE ASSEMBLY	1	35	
-153	8-20397-1893	• TUBE ASSEMBLY	1	35	
	AN924-6D	• NUT	2	35	
	AN9600916	• WASHER	2	35	
-154	MS2191206	• TEE	2	35	
-155	8-20397-1881	• TUBE ASSEMBLY	1	35	159
	8-20397-3059	• TUBE ASSEMBLY	1	160	
-156	8-20397-1883	• TUBE ASSEMBLY	1	35	159
	8-20397-3061	• TUBE ASSEMBLY	1	160	
-157	MS2190206	• UNION	2	35	
	MS29512-6	• GASKET	2	35	
	AN924-6D	• NUT	1	35	
-158	8-20397-1887	• TUBE ASSEMBLY	1	35	
-159	MS2191206	• TEE	1	35	
	MS2951206	• GASKET	1	35	
-160		• VALVE ASSY, FUEL TANK AIR CHECK SEE FIG. 2.12-38 INDEX 97	RF		
	AN924-6D	• NUT	2	35	159
-161	MS2191006	• TEE	2	35	159
-162	ER2840060604	• TEE, <32003> 96-90319-008	2	160	
	NAS617-6	• GASKET	4	35	159
-163	MS2191406-4	• REDUCER	2	35	159
-164	8-20397-1487	• TUBE ASSEMBLY	1	35	159
-165	8-20397-3067	• TUBE ASSEMBLY	1	160	
-166	MS2190206	• UNION	2	160	
	MS29512-6	• GASKET	2	160	
-167	8-20397-3053	• TUBE ASSEMBLY	1	160	
-168	8-20397-1489	• TUBE ASSEMBLY	1	35	159
-169	8-20397-3065	• TUBE ASSEMBLY	1	160	
-170	8-20397-3051	• TUBE ASSEMBLY	1	160	
-171		• FITTING, TRANSFER TANK AMBIENT SENSING SEE FIG. 2.12-35 INDEX 5	RF		
-172		• TUBE ASSY, SEE FIG. 2.12-32 INDEX 116	RF		
-173		• TUBE ASSY, SEE FIG. 2.12-32 INDEX 115	RF		
-174	MS2190204	• UNION	2	35	
-175	8-20397-1403	• TUBE ASSEMBLY	1	35	
-176	8-20397-1795	• TUBE ASSEMBLY	1	35	
-177	8-20397-1419	• TUBE ASSEMBLY	1	35	
-178	8-80304-15	• TUBE ASSY	1		
-179	MS2190704	• ELBOW	1		
	AN924-4D	• NUT	1		
	AN9600716	• WASHER	1		159
-180	8-80304-23	• TUBE ASSY	1		
-181	8-20397-1400	• TUBE ASSY	1	35	159
-182	8-80304-13	• TUBE ASSY	1		
-183	MS2190704	• ELBOW	1		
	AN924-4D	• NUT	1		
	AN9600716	• WASHER	1		
-184	8-80304-25	• TUBE ASSY	1		
-185	MS2190204	• UNION	2	35	
-186	MS2190204	• UNION	2	35	159

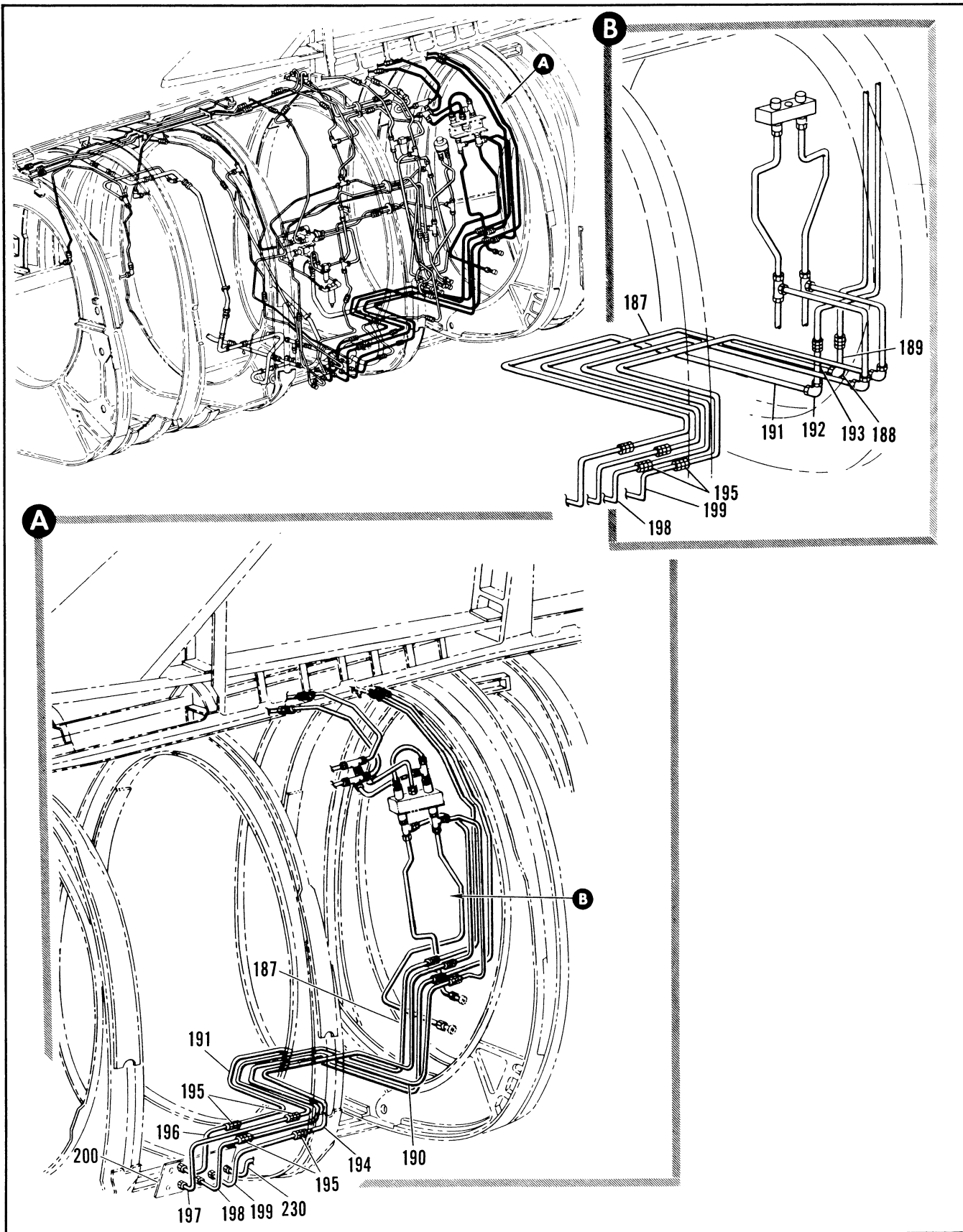


Figure 2.12-46. Fuel Tank Pressure Tubing Installation LH Sta 472 to 577 (Sheet 7 of 8)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-46-187	8-80304-9	• TUBE ASSY	1		
-188	MS21907D4	• ELBOW	1		
	AN924-40	• NUT	1		
	AN9600716	• WASHER	1		
-189	8-80304-21	• TUBE ASSY	1		
-190	8-80304-67	• TUBE ASSY	1	35	159
-191	8-80304-7	• TUBE ASSY	1		
-192	MS21903D4	• ELBOW	1		
	AN924-40	• NUT	1		
	AN9600716	• WASHER	1		
-193	8-80304-19	• TUBE ASSY	1		
-194	8-80304-69	• TUBE ASSY	1	35	159
-195	MS21902D4	• UNION	4	35	
-196	8-20397-1399	• TUBE ASSEMBLY	1	35	
-197	8-20397-1407	• TUBE ASSEMBLY	1	35	
-198	8-20397-1413	• TUBE ASSEMBLY	1	35	
-199	8-20397-1415	• TUBE ASSEMBLY	1	35	
-200		• PANEL INSTL, FUEL SYSTEM CHECKOUT AFT SEE FIG. 2.12-40	RF		

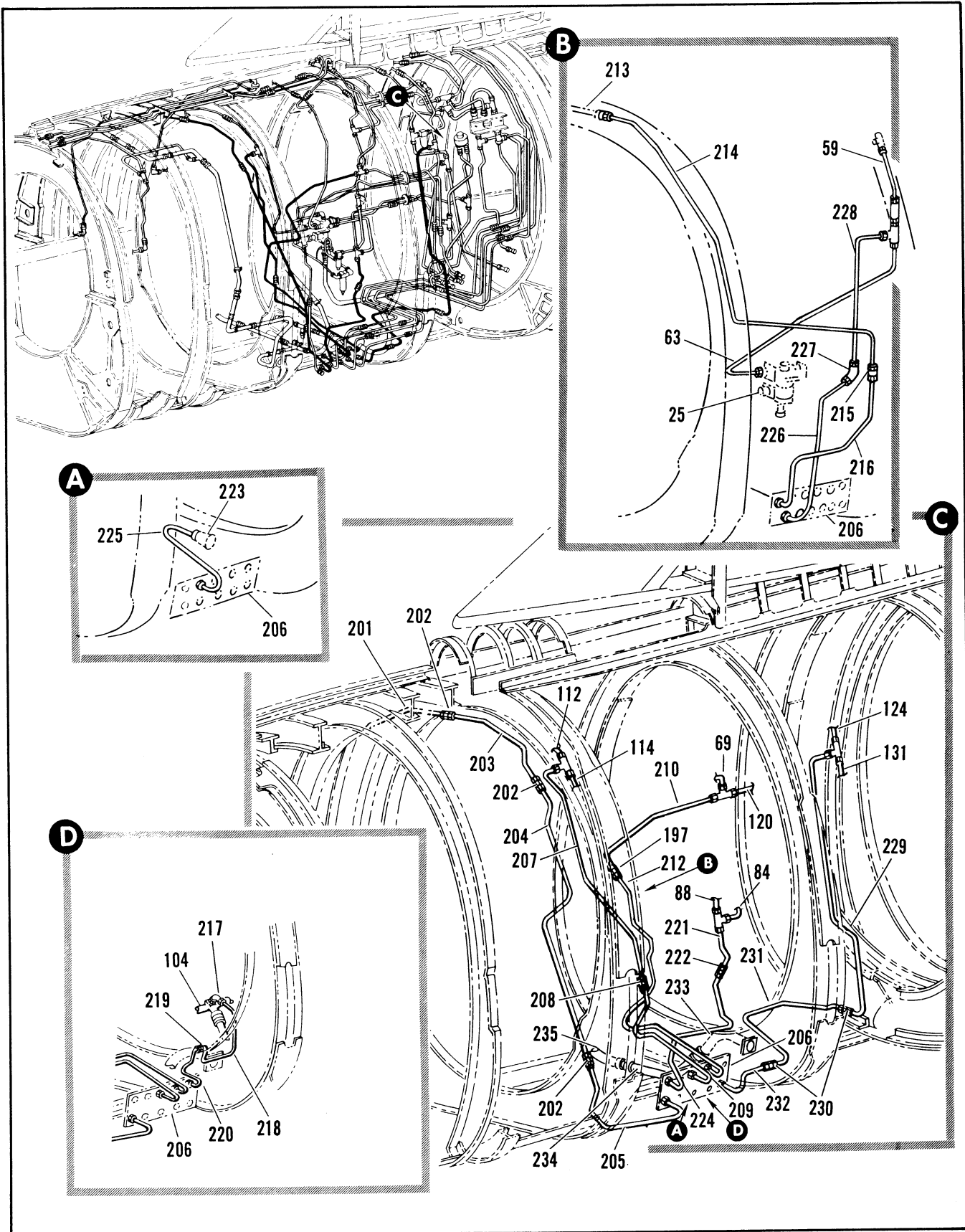


Figure 2.12-46. Fuel Tank Pressure Tubing Installation LH Sta 472 to 577 (Sheet 8 of 8)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-46-201		• TUBE ASSY, SEE FIG. 2.12-32 INDEX 2	RF		
-202	MS2190206	• UNION	3	35	
-203	8-20397-1435	• TUBE ASSEMBLY	1	35	
-204	8-20397-3001	• TUBE ASSEMBLY	1	35	
-205	8-20397-2099	• TUBE ASSEMBLY	1	35	
-206		• PANEL INSTL, FUEL SYSTEM CHECKOUT AFT SEE FIG. 2.12-40	RF		
-207	8-20397-3005	• TUBE ASSEMBLY	1	35	
-208	MS2190204	• UNION	1	35	
-209	8-20397-3003	• TUBE ASSEMBLY	1	35	
-210	8-20397-1429	• TUBE ASSEMBLY	1	35	
-211	MS2191606-4	• REDUCER	1	35	
-212	8-20397-2097	• TUBE ASSEMBLY	1	35	
-213		• TUBE ASSY			
-214	8-20397-2069	• TUBE ASSEMBLY	1	35	
-215	MS21903-4	• UNION	1		
	AN924-40	• NUT	1		
	AN9600716	• WASHER	1	35	
	MS2192404	• UNION	1	35	
-216	8-20397-2071	• TUBE ASSEMBLY	1	35	
-217	MS2190304	• ELBOW	1	35	
	AN924-40	• NUT	1	35	
	NAS617-4	• GASKET	1	35	
-218	8-20397-3041	• TUBE ASSY	1	35	
	8-80304-11	• TUBE ASSY	1		
-219	MS2191606-4	• REDUCER	1	35	
-220	8-20397-2013	• TUBE ASSEMBLY	1	35	
-221	8-20397-1451	• TUBE ASSEMBLY	1	35	159
-222	MS2190206	• UNION	1	35	159
-223		• SEAL INSTL, CG TRANSFER PRESSURE FITTING LH SEE FIG. 2.12-35	RF		
-224	8-20397-1449	• TUBE ASSEMBLY	1	35	159
-225	8-20397-3079	• TUBE ASSEMBLY	1	160	215
-226	8-20397-2063	• TUBE ASSEMBLY	1	35	
-227	MS2190704	• ELBOW	1	35	
	AN9600716	• WASHER	1	35	
	AN924-40	• NUT	1	35	
-228	8-20397-2065	• TUBE ASSEMBLY	1	35	
-229	8-20397-1425	• TUBE ASSEMBLY	1	35	
-230	MS2190204	• UNION	2	35	
-231	8-80304-17	• TUBE ASSY	1		
	91-98026-019	• CLAMP	1		
	MS9024-03	• CLAMP	1		
	AN520-10R6	• SCREW	1		
	NAS1291-3	• NUT	1		
-232	8-20397-2015	• TUBE ASSY	1	35	
-233		• TUBE ASSY, ENGINE FUEL SUPPLY SEE FIG. 2.12-65 INDEX 32	RF		
-234		• TUBE ASSY, ENGINE FUEL SUPPLY SEE FIG. 2.12-65 INDEX 33	RF		
-235		• TUBE ASSY, FUSELAGE ENGINE SUPPLY SEE FIG. 2.12-65 INDEX 9	RF		

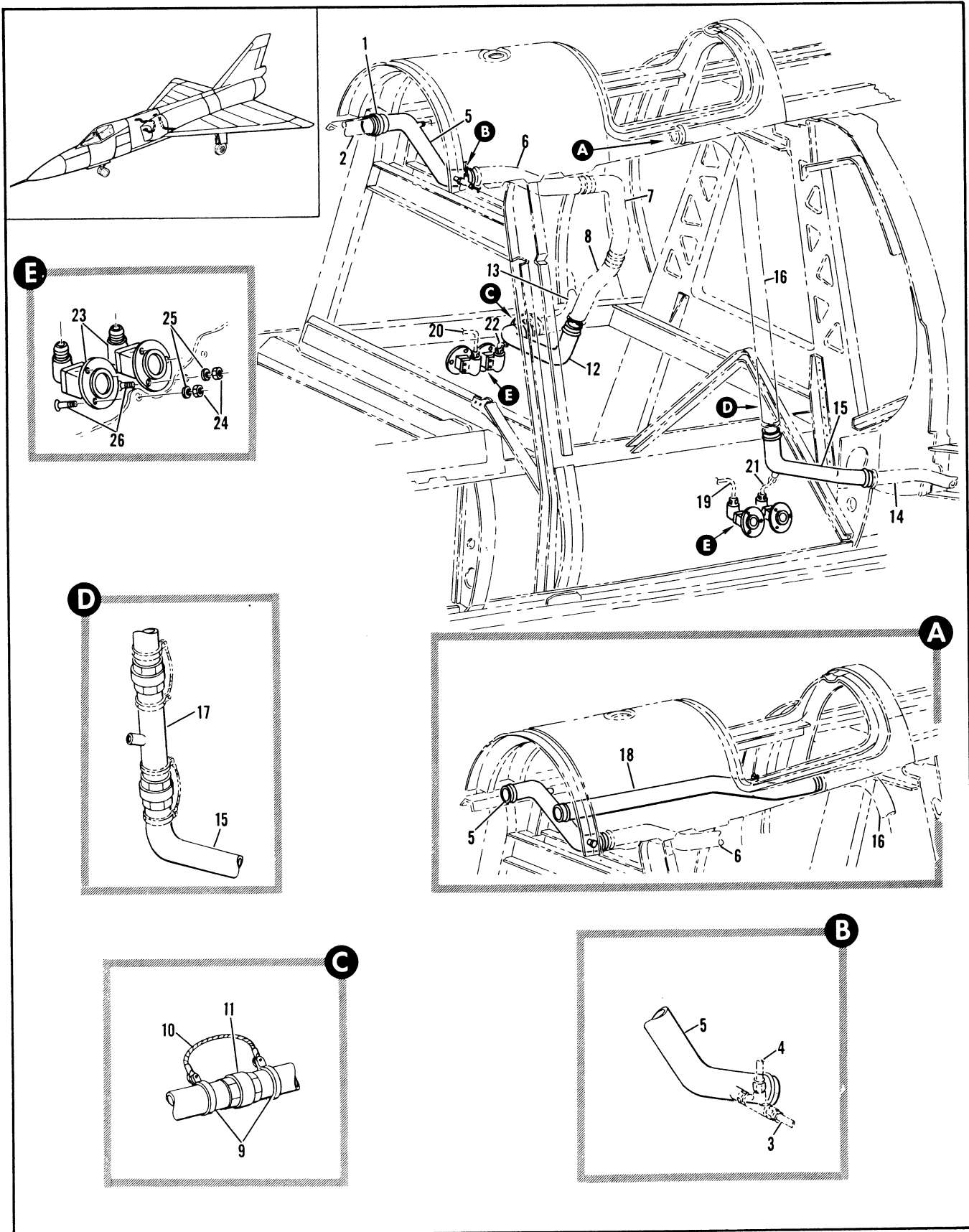


Figure 2.12-47. Vent Fuselage Tank to Wing Tubing Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-47	8-28218-3	TUBING INSTALLATION, VENT FUSELAGE TANK TO WING FOR NHA SEE FIG. 2.3-3	RF	35	
- 1	3605-24D MS29513-325	• COUPLING, <79326> 92-72500-013	1	35	
- 2		• PACKING	2	35	
- 3		• TUBE ASSY, FUEL TANK VENT RH SEE FIG. 2.12-49 INDEX 33	RF		
- 4		• TUBE ASSY, FUEL SEE FIG. 2.12-45 INDEX 95	RF		
- 5	8-28344	• TUBE ASSY, FUEL SEE FIG. 2.12-45 INDEX 97	RF		
- 6		• TUBE ASSY, RH	1	35	
- 7		• TUBE ASSY, FUEL TANK PRESSURE RH SEE FIG. 2.12-45 INDEX 157	RF		
- 8		• TUBE ASSY, FUEL TANK PRESSURE RH SEE FIG. 2.12-45 INDEX 158	RF		
- 9	AN735D24	• TUBE ASSY, FUEL TANK PRESSURE RH SEE FIG. 2.12-45 INDEX 159	RF		
		• CLAMP	2	35	
		ATTACHING PARTS			
	NAS679A3	• NUT	2	35	
	AN963D10L	• WASHER	2	35	
	AN526-1032R6	• SCREW	2	35	
		----X----			
- 10	MS25083-18B4	• JUMPER	1	35	
- 11	3605-24D MS29513-325	• COUPLING, <79326> 92-72500-013	1	35	
- 12	8-23336-16	• PACKING	2	35	
- 13		• TUBE ASSY, RH WELDED	1	35	
- 14		• TUBE ASSY, RH SEE FIG. 2.12-14 INDEX 7	RF		
- 15		• TUBE ASSY, LH SEE FIG. 2.12-14 INDEX 7	RF		
- 16	8-23336-15	• TUBE ASSY, LH WELDED	1	35	
		• TUBE ASSY, FUEL TANK PRESSURE SEE FIG. 2.12-44 INDEX 185	RF		
- 17	8-28492-1	• TUBE ASSY, TANK TO WING VENT LH	1	160	
- 18	8-28355	• TUBE ASSY, LH STA 255	1	35	
- 19		• TUBE ASSY, FUEL TANK PRESSURE LH SEE FIG. 2.12-44 INDEX 173	RF		
- 20		• TUBE ASSY, FUEL TANK PRESSURE RH SEE FIG. 2.12-44 INDEX 173	RF		
- 21		• TUBE ASSY, FUEL TANK PRESSURE LH SEE FIG. 2.12-44 INDEX 164	RF		
- 22		• TUBE ASSY, FUEL TANK PRESSURE RH SEE FIG. 2.12-44 INDEX 164	RF		
- 23	885B	• VALVE ASSY, DRAIN <91511> 92-13200-001 T.O. 6J15-4-35-3	4	35	
		ATTACHING PARTS			
- 24	NAS679A3	• NUT, 96-37545-002	12	35	
- 25	AN963D10L	• WASHER	12	35	
- 26	AN509-10R10	• SCREW	12	35	
		----X----			

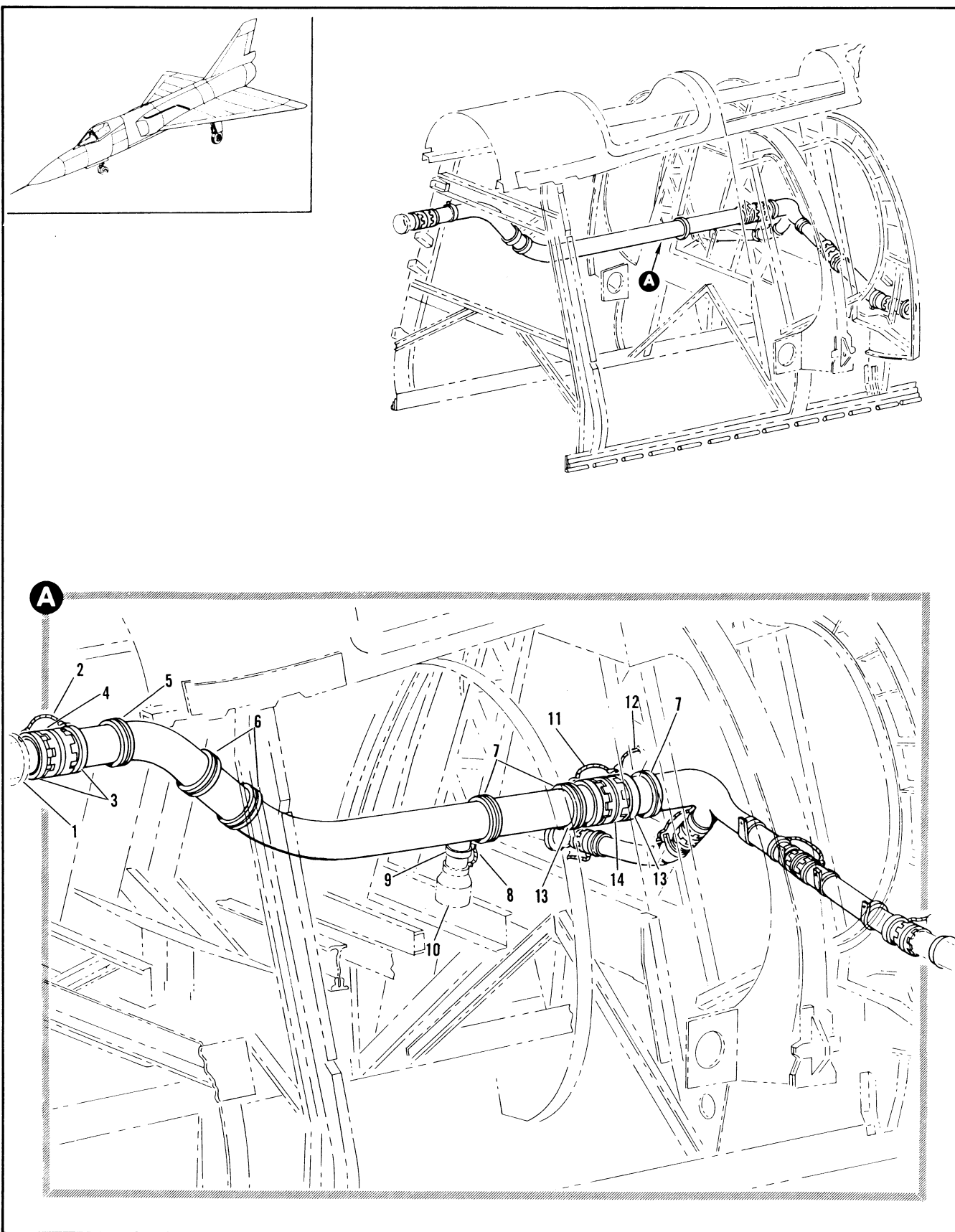


Figure 2.12-48. Fuselage Tank to Wing Fuel Transfer Tubing Installation (Sheet 1 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-48	8-27470	TUBING INSTALLATION, FUSELAGE TANK TO WING FUEL TRANSFER FOR NHA SEE FIG. 2.3-3	RF	35	60
	8-27470-3	TUBING INSTALLATION, FUSELAGE TANK TO WING FUEL TRANSFER FOR NHA SEE FIG. 2.3-3	RF	61	188
	8-27470-5	TUBING INSTALLATION, FUSELAGE TANK TO WING FUEL TRANSFER FOR NHA SEE FIG. 2.3-3	RF	189	
- 1		• TUBE ASSY, TRANSFER SEE FIG. 2.12-52 INDEX	RF		
- 2	MS25083-18B6	• JUMPER	1	35	188
		ATTACHING PARTS			
	NAS679A3	• NUT, GROUND STUD	2	35	188
	AN960D10L	• WASHER, GROUND STUD	2	35	188
	AN526-1032R6	• SCREW, GROUND STUD	2	35	188
		----X----			
- 3	AN735D64	• CLAMP	2	35	188
- 4	3601-640	• COUPLING, <79326> 92-72500-007	1	35	48
	3605-640	• COUPLING, <79326> 92-72500-020	1	49	188
	MS29513-345	• PACKING	2	35	188
	8-28515-11	• SPACER	1	142	188
- 5	50230C75-458M	• CLAMP, <986255> 91-97802-040	1	35	188
	8-28277-11	• PAD	1	35	188
- 6	50230C75-458M	• CLAMP, <98625> 91-97802-040	2	35	89
	8-28277-13	• PAD	2	35	60
	8-28277-11	• PAD	2	61	89
- 7	50230C75-458M	• CLAMP, <98625> 91-97802-040	3	35	89
	8-28277-11	• PAD	3	35	89
- 8	MS25083-18B6	• JUMPER	1	35	264
	MS25083-18B8	• JUMPER	1	265	
		ATTACHING PARTS			
	NAS679A3	• NUT	2	35	
	AN960D10L	• WASHER	2	35	
	AN526-1032R6	• SCREW	2	35	
		----X----			
- 9	AN735D32	• CLAMP	1	35	188
- 10		• VALVE ASSY, REFUELING REGULATOR AND CHECK SEE FIG. 2.12-55 INDEX 10	RF		
- 11	MS25083-18B6	• JUMPER	1	35	89
- 12	MS25083-18B3	• JUMPER	1	35	89
		ATTACHING PARTS			
	NAS679A3	• NUT, GROUND STUD	2	35	89
	AN960D10L	• WASHER, GROUND STUD	2	35	89
	AN526-1032R6	• SCREW, GROUND STUD	2	35	89
		----X----			
- 13	AN735D64	• CLAMP	2	35	89
- 14	3605-720	• COUPLING, <79326>	1	35	89
	MS29513-349	• PACKING	2	35	89
	8-28515-9	• SPACER	2	B	
		B AIRPLANES #36 THRU 39, 41 THRU 47, 49 THRU 89			

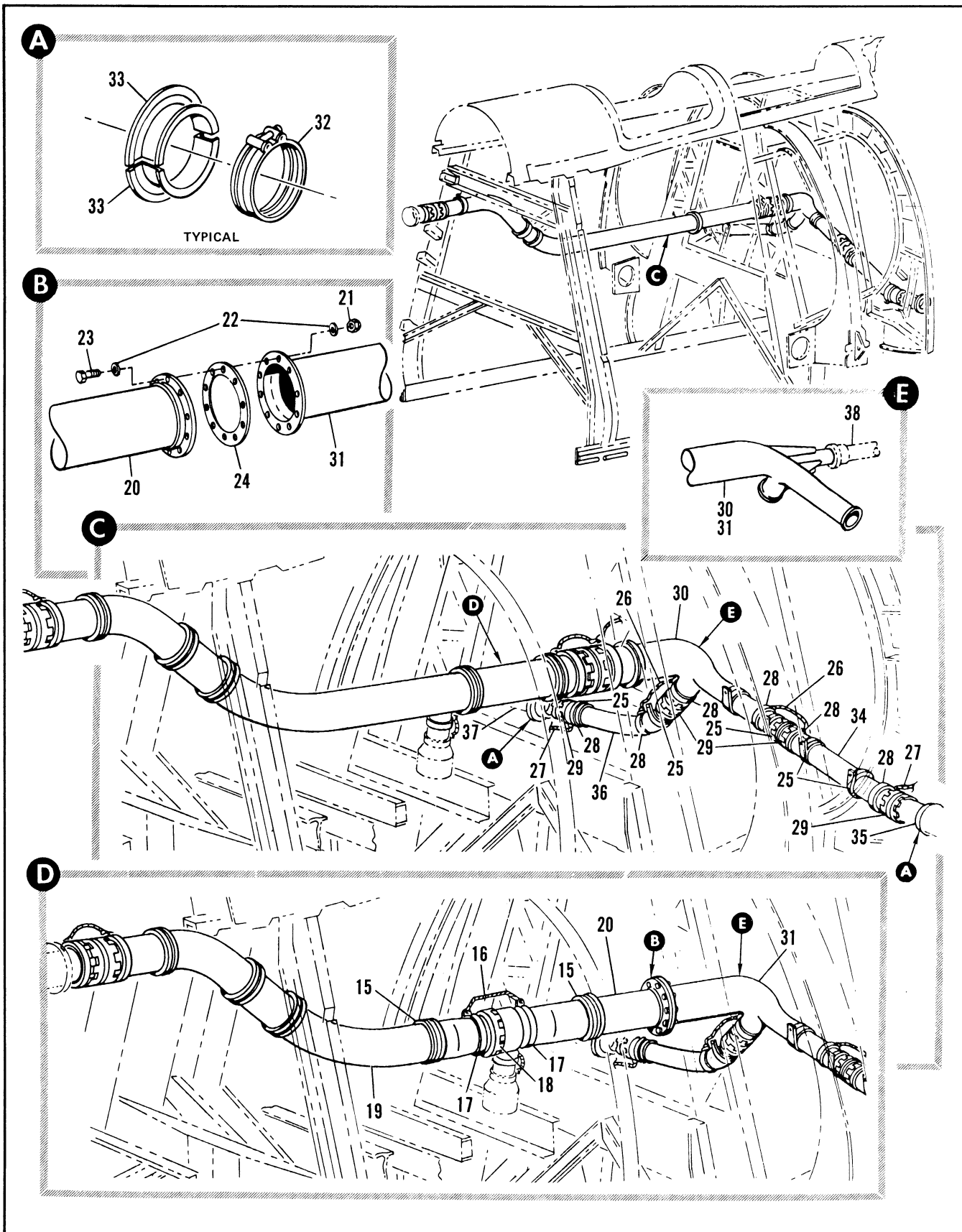


Figure 2.12-48. Fuselage Tank to Wing Fuel Transfer Tubing Installation (Sheet 2 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-48- 15	50230C75-458M	• CLAMP, <98625> 91-97802-040	2	90	188
	3-28277-11	• PAD	2	90	188
- 16	MS25083-1BB6	• JUMPER	1	90	188
	NAS679A3	ATTACHING PARTS			
	AN960D10L	• NUT, GROUND STUD	2	90	188
	AN526-1032R6	• WASHER, GROUND STUD	2	90	188
		• SCREW, GROUND STUD	2	90	188
		-----X-----			
- 17	AN735D64	• CLAMP	2	90	188
- 18	3605-640	• COUPLING, <79326> 92-72500-019	1	90	188
	MS29513-345	• PACKING	1	90	188
	8-28515-7	• SPACER	2	C	
	8-28515-11	• SPACER	2	90	188
- 19	8-28466-1	• TUBE ASSY, WELDED	1	90	152
		REPLACES NOT INTCHG WITH 8-28271-5			
		REPLACED BY SUITABLE SUB 8-28466-3			
	8-28466-3	• TUBE ASSY, WELDED	1	153	188
		REPLACES SUITABLE SUB FOR 8-28466-1			
- 20	8-28491-1	• TUBE ASSY, WELDED REPLACES NOT INTCHG WITH 8-28271-5 REPLACED BY SUITABLE SUB 8-28491-3	1	90	188
		ATTACHING PARTS			
- 21	NAS679A4	• NUT	10	90	188
- 22	AN960D416	• WASHER	20	90	188
- 23	AN4-13A	• BOLT	10	90	188
		-----X-----			
- 24	2891	• GASKET, <98159> SPEC 8-09959-1	1	90	188
- 25	50230C75-308M	• CLAMP, <98625> 91-97802-030	6	35	
	8-28277-9	• PAD	6	35	
- 26	MS25083-1BB6	• JUMPER	2	35	
- 27	MS52083-1BB3	• JUMPER	2	35	
	NAS679A3	ATTACHING PARTS			
	AN960D10L	• NUT, GROUND STUD	6	35	
	AN526-1032R6	• WASHER, GROUND STUD	6	35	
		• SCREW, GROUND STUD	6	35	
		-----X-----			
- 28	AN735D49	• CLAMP	6	35	
- 29	3605-490	• COUPLING, <79326> 92-72500-016	4	35	
	MS29513-337	• PACKING	8	35	
- 30	66J40344-6	• TEE ASSY, WELDED (ALTERED FROM 8-28272-3)	1	49	89
	66J40344-7	• TEE ASSY, WELDED (ALTERED FROM 8-28272-803)	1	35	48
	66J40344-8	• TEE ASSY, WELDED (ALTERED FROM 8-28272-805)	1	90	188
	66J40344-9		1		
	66J40344-10	• TEE ASSY, WELDED ALTERED FROM 8-28272-811	1		
	66J40344-10	• TEE ASSY, WELDED ALTERED FROM 8-28272-811	1		
- 31	66J40344-6	• TEE ASSY, WELDED ALTERED FROM 8-28272-3	1		
	8-28323	• SEAL INSTL, FUEL	2	35	
- 32	325-62-325M	• CLAMP, <98625> 91-97802-010	1	35	
- 33	4-28323-7	• SEAL	2	35	
- 34	8-28309	• TUBE ASSY, LH WELDED	1	35	188
- 35		• TUBE ASSY, CG FUEL TRANSFER LH	RF		
		SEE FIG. 2.12-14 INDEX 35			
		C AIRPLANES #35 AND 40			

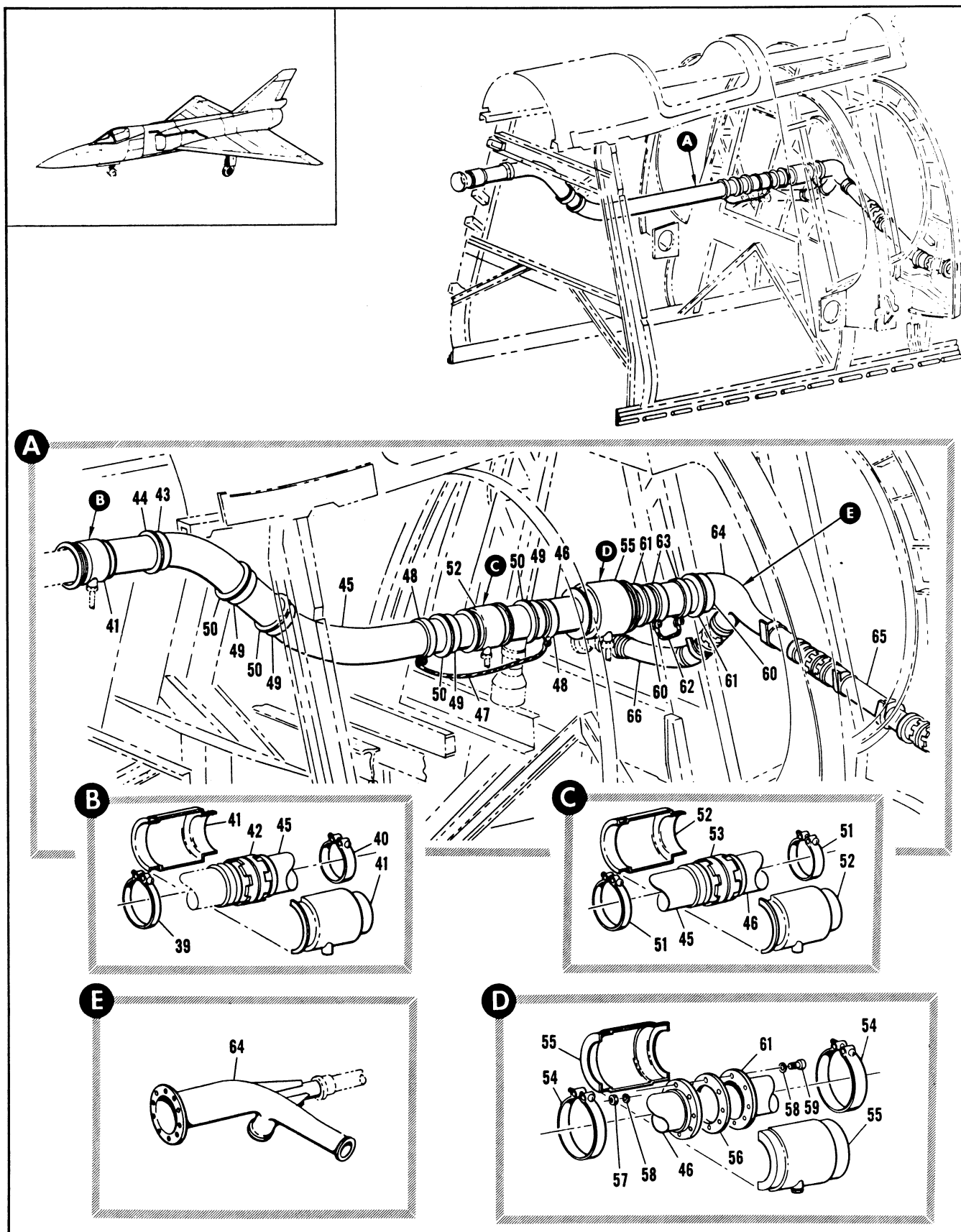


Figure 2.12-48. Fuselage Tank to Wing Fuel Transfer Tubing Installation (Sheet 3 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-48- 36 - 37	8-28310	<ul style="list-style-type: none"> • TUBE ASSY. RH WELDED • TUBE ASSY. CG FUEL TRANSFER RH SEE FIG. 2.12-14 INDEX 35 	1	35	188
			PF	35	188
- 38	91-97815-080	<ul style="list-style-type: none"> • TUBE ASSY. SEE FIG. 2.12-68 INDEX 67 • CLAMP 	R#		
- 39			1	189	
- 40	325-62-431M	<ul style="list-style-type: none"> • CLAMP, <98625> 91-97802-023 	1	189	
- 41	450R-1	<ul style="list-style-type: none"> • BOOT, <84914> SPEC 8-09965-1 	1	189	
- 42	3605-640	<ul style="list-style-type: none"> • COUPLING, <79326> 92-72500-019 	1	189	
- 43	MS29513-345	<ul style="list-style-type: none"> • PACKING 	2	189	
	50230C75-458M	<ul style="list-style-type: none"> • CLAMP, <98625> 91-97802-040 	3	189	
- 44	8-28277-11	<ul style="list-style-type: none"> • PAD 	3	189	
- 45	8-28466-3	<ul style="list-style-type: none"> • TUBE ASSY. WELDED 	1	189	
- 46	8-28491-1	<ul style="list-style-type: none"> • TUBE ASSY. WELDED REPLACED BY SUITABLE SUB 8-28491-3 	1	189	264
	8-28491-3	<ul style="list-style-type: none"> • TUBE ASSY. WELDED REPLACES SUITABLE SUB FOR 8-28491-1 ATTACHING PARTS 	1	265	
	NAS679A4	<ul style="list-style-type: none"> • NUT 	10	189	
	AN960D10L	<ul style="list-style-type: none"> • WASHER 	20	189	
	AN4-13A	<ul style="list-style-type: none"> • BOLT 	10	189	
		----X----			
- 47	MS25083-1B2A	<ul style="list-style-type: none"> • JUMPER ATTACHING PARTS 	1	189	
	NAS679A3	<ul style="list-style-type: none"> • NUT, GROUND STUD 	2	189	
	AN960D10L	<ul style="list-style-type: none"> • WASHER, GROUND STUD 	2	189	
	AN526-1032R6	<ul style="list-style-type: none"> • SCREW, GROUND STUD 	2	189	
		----X----			
- 48	AN735072	<ul style="list-style-type: none"> • CLAMP 	2	189	
- 49	50230C75-458M	<ul style="list-style-type: none"> • CLAMP, <98625> 91-97802-040 	2	189	
- 50	8-28277-11	<ul style="list-style-type: none"> • PAD 	2	189	
- 51	325-62-431M	<ul style="list-style-type: none"> • CLAMP, 91-97802-023 	2	189	
- 52	450R-3	<ul style="list-style-type: none"> • BOOT, <84914> SPEC 8-09965-3 	1	189	
- 53	3605-640	<ul style="list-style-type: none"> • COUPLING, <79326> 92-72500-019 	1	189	
	MS29513-345	<ul style="list-style-type: none"> • PACKING, 96-58502-043 	2	189	
- 54	91-97815-090	<ul style="list-style-type: none"> • CLAMP 	2	189	
- 55	450R-7	<ul style="list-style-type: none"> • BOOT, <84914> SPEC 8-09965-7 	1	265	
- 56	2891	<ul style="list-style-type: none"> • GASKET, <98159> SPEC 9-09959-1 	1	189	
- 57	NAS679A4	<ul style="list-style-type: none"> • NUT 	10	189	
- 58	AN960PD416	<ul style="list-style-type: none"> • WASHER 	20	189	
- 59	AN4-13A	<ul style="list-style-type: none"> • BOLT 	10	189	
- 60	50230C75-458M	<ul style="list-style-type: none"> • CLAMP, <98625> 91-97802-040 	2	189	
- 61	8-28277-11	<ul style="list-style-type: none"> • PAD 	2	189	
- 62	MS25083-1B63	<ul style="list-style-type: none"> • JUMPER ATTACHING PARTS 	1	189	
	NAS679A3	<ul style="list-style-type: none"> • NUT, GROUND STUD 	2	189	
	AN960D10L	<ul style="list-style-type: none"> • WASHER, GROUND STUD 	2	189	
	AN526-1032R6	<ul style="list-style-type: none"> • SCREW 	2	189	
		----X----			
- 63	AN735072	<ul style="list-style-type: none"> • CLAMP 	2	189	
- 64	66J40344-7	<ul style="list-style-type: none"> • TEE ASSY. WELDED ALTERED FROM 8-28272-803 	1	189	246
	66J40344-R	<ul style="list-style-type: none"> • TEE ASSY. WELDED ALTERED FROM 8-28272-805 	1	247	246
	66J40344-9	<ul style="list-style-type: none"> • TEE ASSY. ALTERED FROM 8-28272-807 		189	246
	66J40344-0			247	246
	66J40344-1	<ul style="list-style-type: none"> • TEE ASSY. WELDED ALTERED ALTERED FROM 8-28272-809 	1	265	
	66D40343-1	<ul style="list-style-type: none"> • TUBE ASSY. SEE FIG. 2.12-67 INDEX 25 	PF	189	
	66D40343-1	<ul style="list-style-type: none"> • TUBE ASSY. (SEE FIG. 2.12-67 INDEX 26) 	PF		
- 65	8-28309-1	<ul style="list-style-type: none"> • TUBE ASSY. LH WELDED 	1	189	
- 66	8-28310-1	<ul style="list-style-type: none"> • TUBE ASSY. RH WELDED 	1	189	

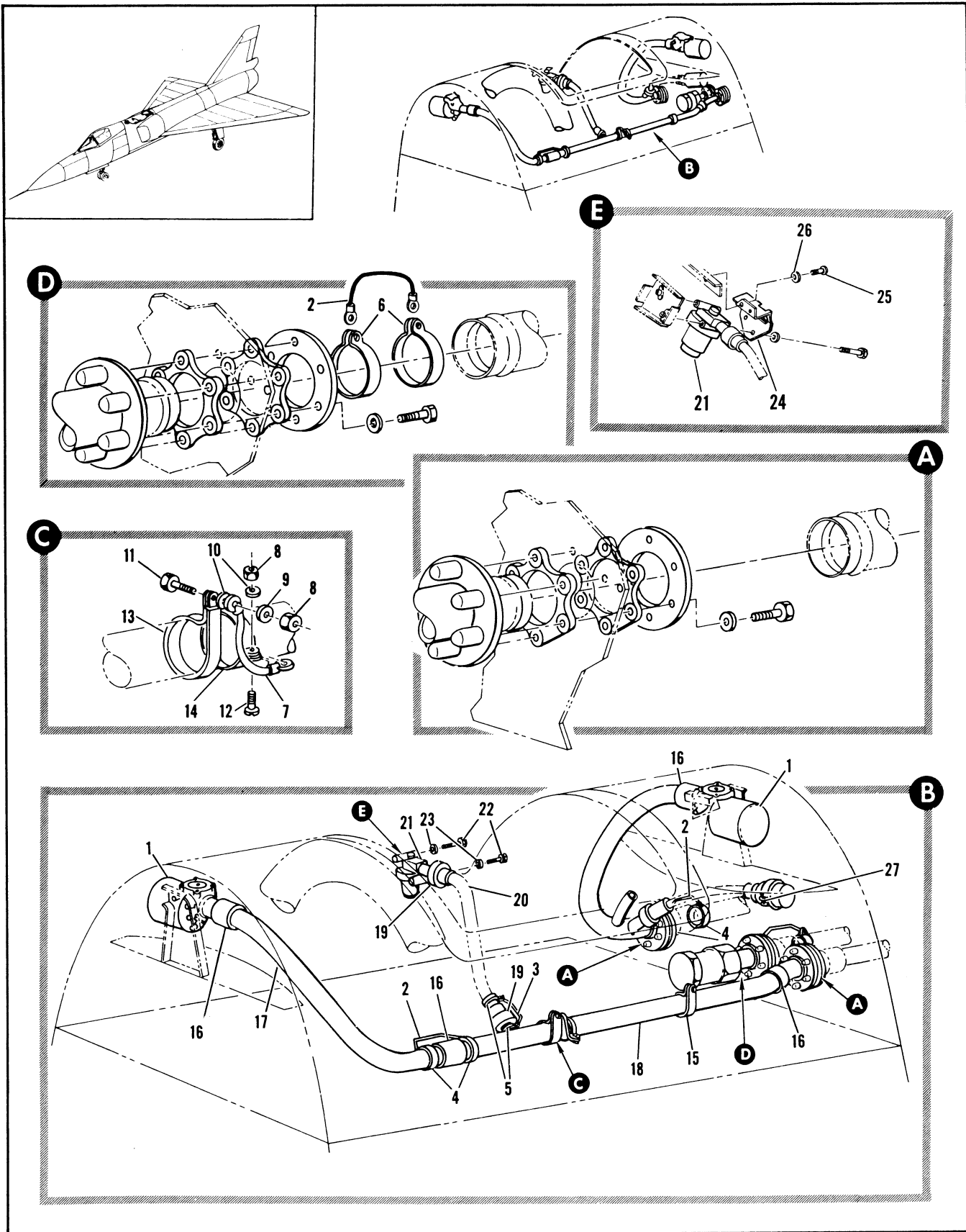


Figure 2.12-49. Fuselage Fuel Tank Vent Tubing Installation (Sheet 1 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-49	8-27447	TUBING INSTALLATION, FUSELAGE FUEL TANK VENT MODIFIED BY 8-21887	RF	35	188
	8-27447-1	TUBING INSTALLATION, FUSELAGE FUEL TANK VENT FOR NHA SEE FIG. 2.12-50	RF	189	
- 1	8-28200	• VALVE INSTL, INTEGRAL FUEL TANK VENT FOR BREAKDOWN SEE FIG. 2.12-53	2	35	
- 2	MS25083-1BB6	• JUMPER	3	35	
- 3	MS25083-1BB3	• JUMPER	1	35	
	NAS679A3	ATTACHING PARTS	8	35	
	AN960D10L	• NUT	8	35	
	AN526-1032R6	• WASHER	8	35	
		• SCREW			
		-----X-----			
- 4	AN735024	• CLAMP	4	35	
- 5	AN735012	• CLAMP	2	35	
- 6	AN735020	• CLAMP	2	35	
- 7	MS25083-1BB3	• JUMPER	1	35	
		ATTACHING PARTS			
- 8	NAS679A3	• NUT	2	35	
- 9	AN960-10L	• WASHER	1	35	
- 10	AN960D10L	• WASHER	2	35	
- 11	AN3-4A	• BOLT	1	35	
- 12	AN526-1032R6	• SCREW	1	35	
		-----X-----			
- 13	MS21919DF24	• CLAMP	1	35	
- 14	AN735024	• CLAMP	1	35	
- 15	MS21919DF24	• CLAMP	1	35	
	NAS679A3	• NUT	1	35	
	AN960PD10	• WASHER	2	35	
	AN520-10R8	• SCREW	1	35	
- 16	CF14-150	• COUPLING, <98625> 92-73008-008 REPLACED BY SUITABLE SUB 51500-2-150	4	A	
	51500-2-150	• COUPLING, <98625> 92-73008-014	4	B	
	24548-150	• RETAINER, PACKING USED WITH 5-500-2-150	2		
	52271-150	• STRAP, <98625> 98-54518-001	4	C	
	53888-200	• STRAP, <98625> 98-54518-005	4	208	
- 17	8-28200	• TUBE, FUEL TANK VENT	1	35	
- 18	8-28204-1	• TUBE ASSY, FUEL TANK VENT	1	35	
- 19	3605-12D	• COUPLING, <79326> 92-72500-009	2	35	
	MS29513-210	• PACKING	4	35	
- 20		• TUBE ASSY, SEE FIG. 2.12-43 INDEX 33	RF		
- 21	19-356-101	• VALVE ASSY, PRESSURE RELIEF <82267> SPEC 8-10394-17 REPLACES SUITABLE SUB FOR 19-356-61	1	E	
		ATTACHING PARTS			
- 22	AN3H17A	• BOLT	2	35	188
	AN3H20A	• BOLT	2	189	
- 23	AN960PD10L	• WASHER	2	35	
		-----X-----			
- 24	8-27447-9	• BRACKET	1	189	
		ATTACHING PARTS			
- 25	NAS623-3-3	• SCREW	2	189	
- 26	AN960D10L	• WASHER	2	189	
		-----X-----			
- 27	321-62-187S	• CLAMP, <98625> 91-97801-010	1	35	

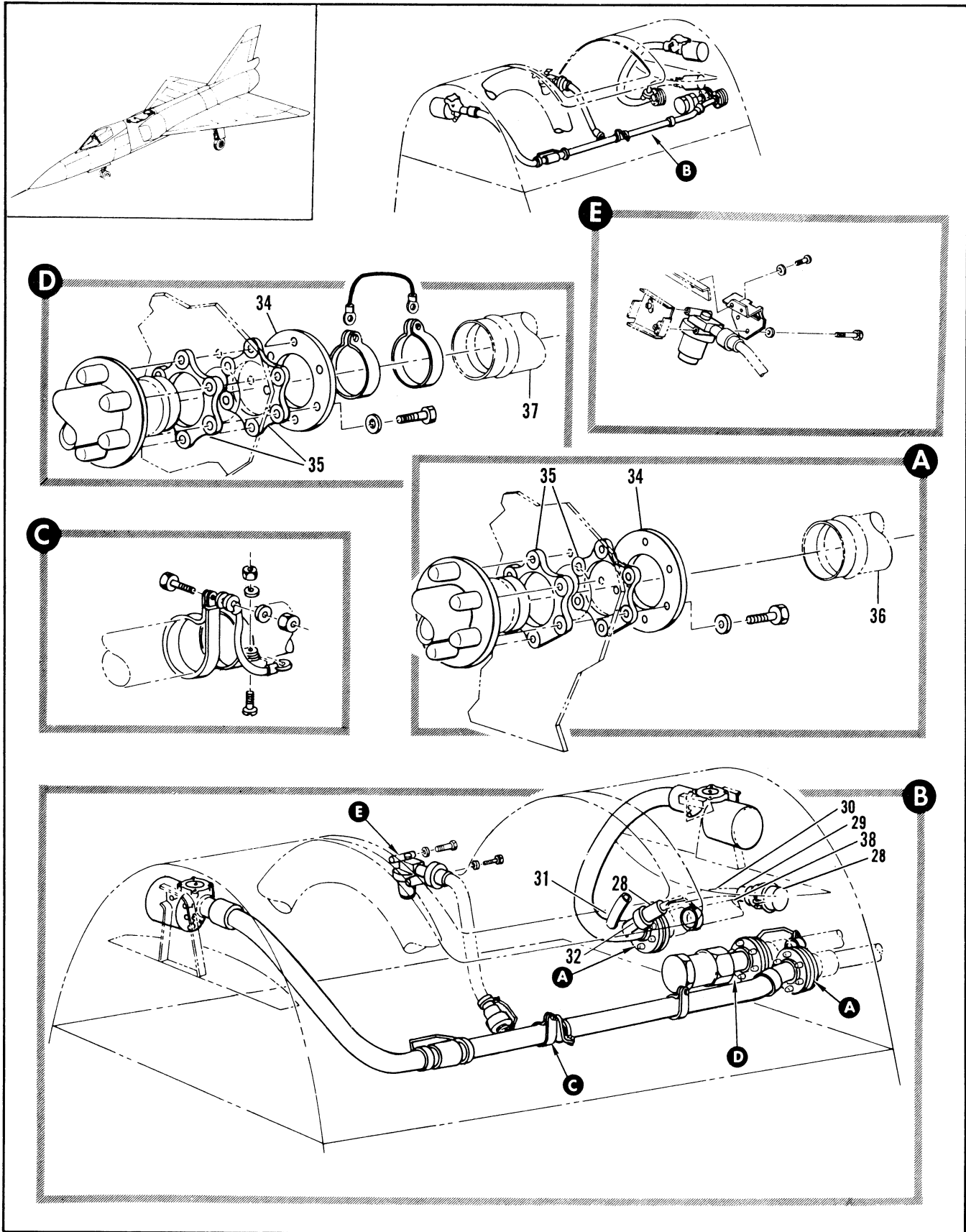


Figure 2.12-49. Fuselage Fuel Tank Vent Tubing Installation (Sheet 2 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-49- 28	312200	• VALVE ASSY, VACUUM RELIEF <96124> SPEC 8-02997 T.O. 6J15-8-91-3	1	35	
- 29	MS21502D16	• UNION	1	35	
- 30	MS29512-16	• GASKET	1	35	
- 31		• TUBE ASSY, SEE FIG. 2.12-43 INDEX 139	RF		
- 32	3601-160	• TUBE ASSY, SEE FIG. 2.12-45 INDEX 165	RF		
	MS29513-214	• COUPLING, (79326) 92-72500-001	1	35	
- 33	65E33174-1	• PACKING	2	35	
		• TUBE ASSY, FUSELAGE TANK VENT RH WELDED REPLACES NOT INTCHG WITH P-27454	1		
- 34	8-28212	• FLANGE	3	35	
- 35	075256	• GASKET, (83259) SPEC 8-0220R-1	6	35	
- 36		• TUBE ASSY, LH STA 255 SEE FIG. 2.12-47 INDEX 18	RF		
- 37		• TUBE ASSY, SEE FIG. 2.9-2 INDEX 10	RF		
- 38		• TUBE ASSY, SEE FIG. 2.12-47 INDEX 5	RF		
- 39	MS25083-2BB3	• JUMPER	1		
		ATTACHING PARTS			
	MS21042L3	• NUT	2		
	AN960PD1FL	• WASHER	2		
	AN520-10R8	• SCREW	2		
		-----X-----			
	AN735D12	• CLAMP	2		
- 40	3605-120	• COUPLING, (79326)	1		
	MS29513-210	• PACKING	2		
- 41	MS21919DF12	• CLAMP	1		
		ATTACHING PARTS			
	MS21042L3	• NUT	1		
	AN520-10R10	• SCREW	1		
	NAS430D3-58	• SPACER	1		
		-----X-----			
- 42	MS21919DF12	• CLAMP	1		
		ATTACHING PARTS			
	AN520-10R8	• SCREW	1		
		-----X-----			
- 43	65D33184-1	• TUBE ASSY, FUSELAGE TANK VENT RH WELDED	1		
		A AIRPLANES #35 THRU 47 AND 49 THRU 60 R AIRPLANES #48, 61 AND ON C AIRPLANES #48 AND 61 THRU 207 D AIRPLANES #35 THRU 47 AND 49 THRU 89 E AIRPLANES #48, 90 AND ON			

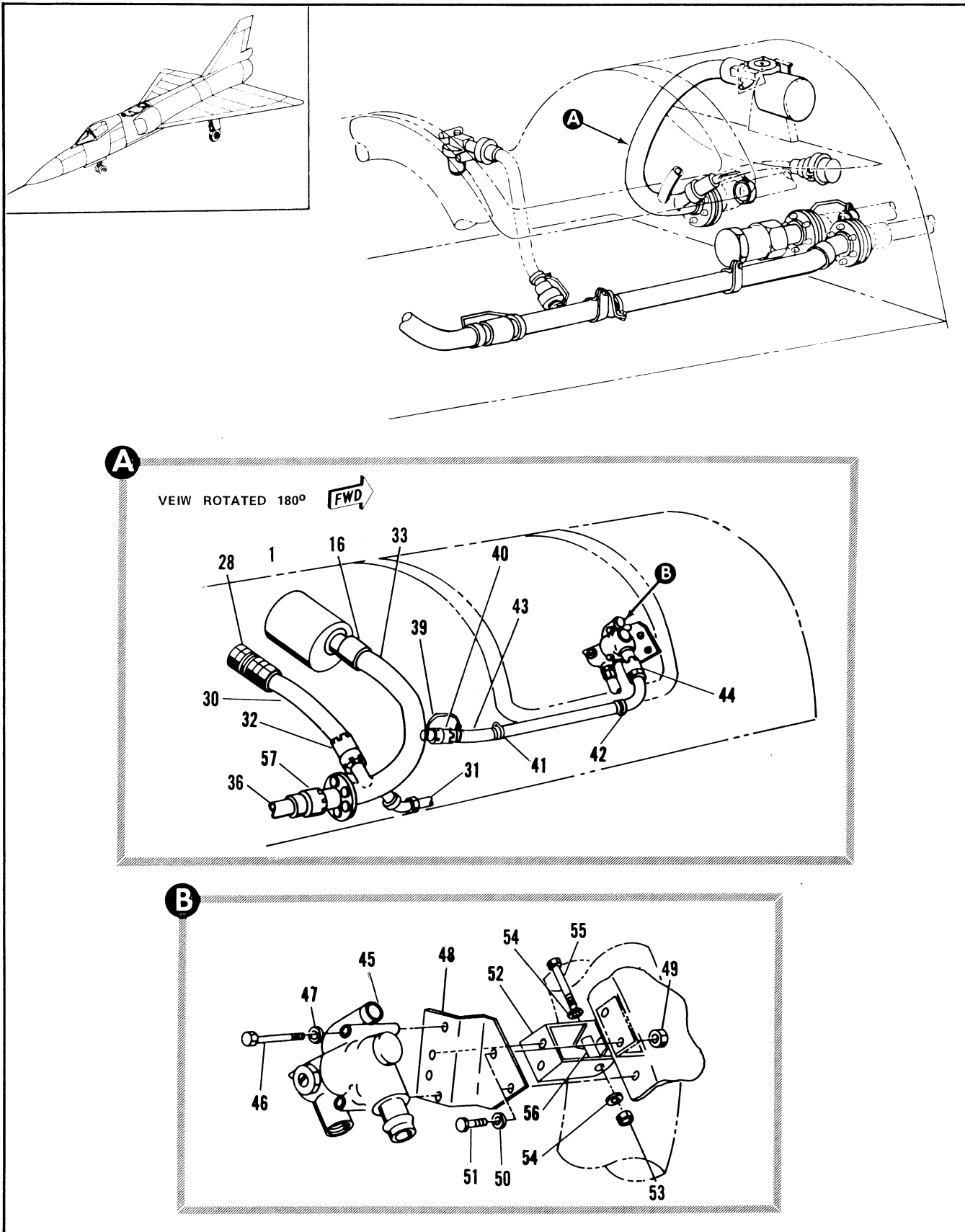


Figure 2.12-49. Fuselage Fuel Tank Vent Tubing Installation (Sheet 3 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-49- 44	3655-12D	• COUPLING, (79326)	1		
	MS29513-21J	• PACKING	1		
- 45	19-356-101	• VALVE ASSY, PRESSURE RELIEF (82267) T.O. 6J15-2-64-24	1		
- 46	AN3H17A	• BOLT	2		
- 47	AN960PD10L	• WASHER	2		
		-----X-----			
- 48	65C33178-1	• SUPPORT RELIEF VALVE RIVETED ATTACHING PARTS	1		
- 49	MS21042L3	• NUT	2		
- 50	AN960PD10L	• WASHER	2		
- 51	AN3-3A	• BOLT	2		
		-----X-----			
- 52	65C33176-1	• BRACKET, PRESSURE RELIEF VALVE ATTACHING PARTS	1		
- 53	MS21042L3	• NUT	1		
- 54	AN960PD10L	• WASHER	2		
- 55	AN3-13A	• BOLT	1		
- 56	NAS43DD3-58	• SPACER	1		
		-----X-----			
- 57	3605-24D	• COUPLING, (79326)	1	35	
	MS29513-325	• PACKING	2	35	

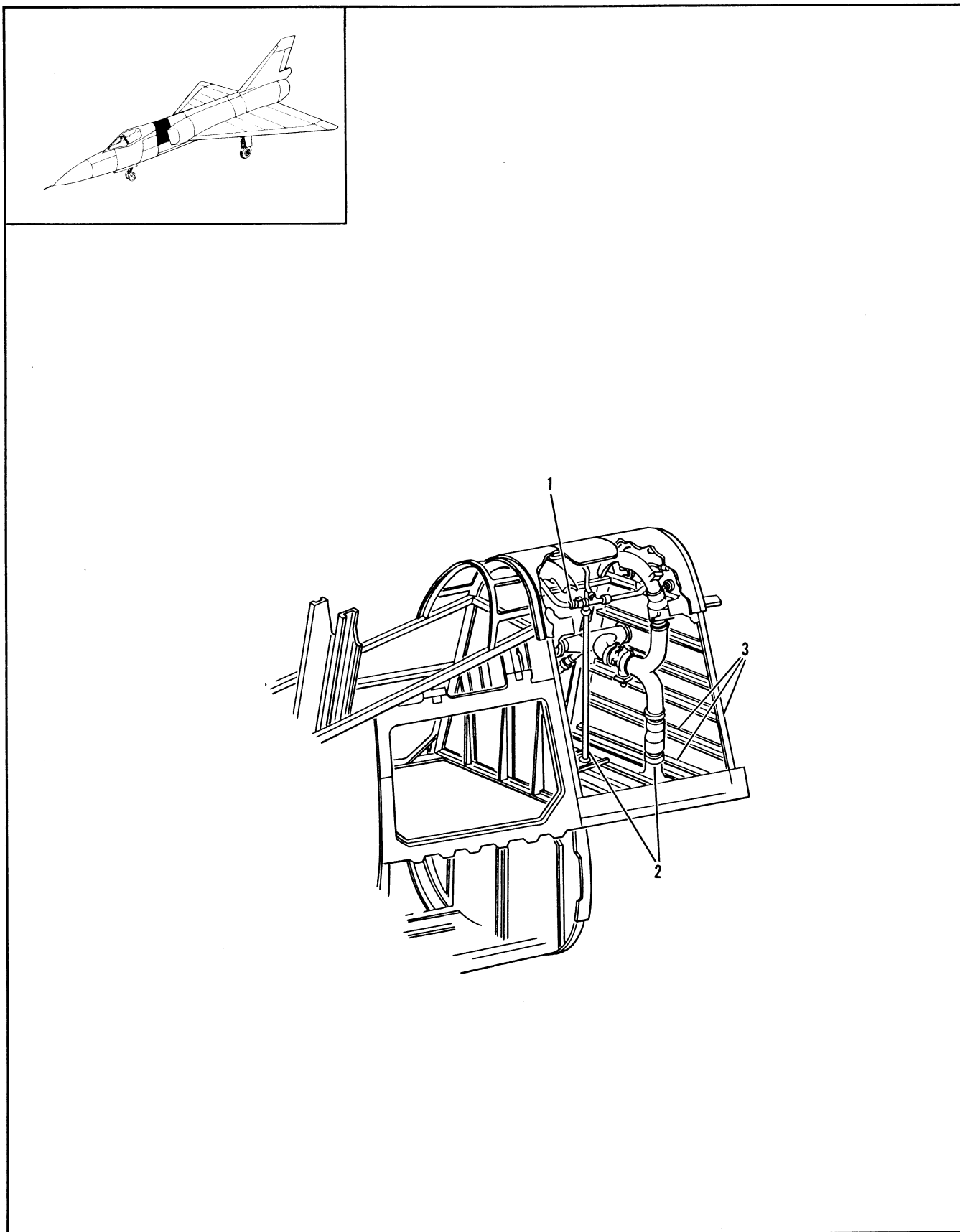


Figure 2.12-50. Fuselage Fuel Tank Assembly

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-50	8-74463	TANK ASSEMBLY, FUSELAGE FUEL FOR NHA SEE FIG. 2.3-9	RF	35	
- 1	8-27447	• TUBING INSTL, FUSELAGE FUEL TANK VENT FOR BREAKDOWN SEE FIG. 2.12-49	RF	35	
	8-27447-1	• TUBING INSTL, FUSELAGE FUEL TANK VENT FOR BREAKDOWN SEE FIG. 2.12-49	1	35	198
- 2	8-27451	• EQUIPMENT INSTL, FUSELAGE FUEL TANK TRANSFER FOR BREAKDOWN SEE FIG. 2.12-52	1	189	
	8-27451-3	• EQUIPMENT INSTL, FUSELAGE FUEL TANK TRANSFER FOR BREAKDOWN SEE FIG. 2.12-52	1	35	215
- 3	8-74430	• STRUCTURE ASSY, FUSELAGE FUEL TANK FOR BREAKDOWN SEE FIG. 2.12-51	1	216	
	8-74430-3	• STRUCTURE ASSY, FUSELAGE FUEL TANK FOR BREAKDOWN SEE FIG. 2.12-51	1	35	38
	8-74430-5	• STRUCTURE ASSY, FUSELAGE FUEL TANK FOR BREAKDOWN SEE FIG. 2.12-51	1	39	48
			1	49	

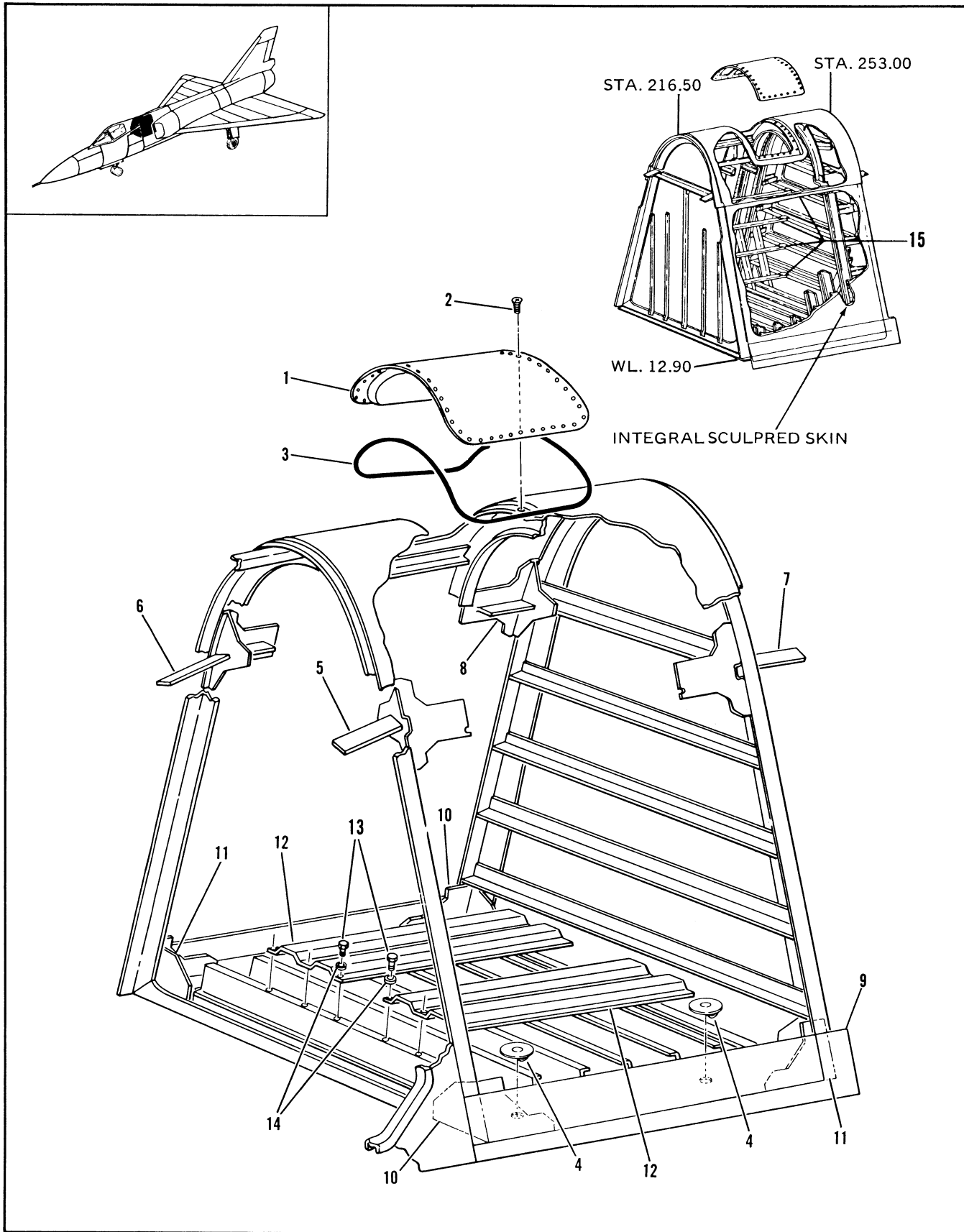


Figure 2.12-51. Fuselage Fuel Tank Structure Assembly

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-51	8-74430	STRUCTURE ASSEMBLY, FUSELAGE FUEL TANK FOR NHA SEE FIG. 2.12-50	RF	35	38
	8-74430-3	STRUCTURE ASSEMBLY, FUSELAGE FUEL TANK FOR NHA SEE FIG. 2.12-50	RF	39	48
	8-74430-5	STRUCTURE ASSEMBLY, FUSELAGE FUEL TANK FOR NHA SEE FIG. 2.12-50	RF	49	
	8-74606	• DOOR INSTL, FUSELAGE FUEL ACCESS	1	35	60
	8-74606-801	• DOOR INSTL, FUSELAGE FUEL ACCESS	1	61	
- 1	8-74606-7	• • DOOR, REPLACED BY NOT INTCHG WITH 8-74606-9	1	35	60
	8-74606-9	• • DOOR, REPLACES NOT INTCHG WITH 8-74606-7 REPLACED BY NOT INTCHG WITH 8-74606-11	1	61	151
	8-74606-11	• • DOOR, REPLACES NOT INTCHG WITH 8-74606-9 ATTACHING PARTS	1	152	
- 2	NAS334PA6	• • BOLT -----X-----	69	35	
- 3	8-74905	• • SEAL	1	35	
	8-74430-327	• TANK ASSEMBLY	1	35	38
	8-74430-333	• TANK ASSEMBLY	1	39	48
	8-74430-339	• TANK ASSEMBLY	1	49	215
	8-74430-187	• TANK ASSEMBLY	1	216	
- 4	8-28369-7	• • BOSS, FUSELAGE TANK DRAIN	2	35	
	8-28371	• • BOSS, FUSELAGE TANK DRAIN ALT INTCHG WITH 8-28369-7	2	35	
- 5	8-74707-9	• • FITTING, TOP LONGERON FUEL-TIGHT CORNER	1	35	215
	8-74707-15	• • FITTING, TOP LONGERON FUEL-TIGHT CORNER	1	216	
	8-74706-7	• • FITTING, TOP LONGERON FUEL-TIGHT CORNER ALT INTCHG WITH 8-74707-9 AND 8-74707-15	RF	35	
- 6	8-74707-10	• • FITTING, TOP LONGERON FUEL-TIGHT CORNER	1	35	215
	8-74707-16	• • FITTING, TOP LONGERON FUEL-TIGHT CORNER	1	216	
	8-74706-8	• • FITTING, TOP LONGERON FUEL-TIGHT CORNER ALT INTCHG WITH 8-74707-10 AND 8-74707-16	RF	35	
- 7	8-74707-11	• • FITTING, TOP LONGERON FUEL-TIGHT CORNER	1	35	
	8-74706-11	• • FITTING, TOP LONGERON FUEL-TIGHT CORNER ALT INTCHG WITH 8-74707-11	RF	35	
- 8	8-74707-12	• • FITTING, TOP LONGERON FUEL-TIGHT CORNER	1	35	
	8-74706-12	• • FITTING, TOP LONGERON FUEL-TIGHT CORNER ALT INTCHG WITH 8-74707-12	RF	35	
- 9	8-74723-9	• • SUPPORT, LH	1	35	
	8-74723-10	• • SUPPORT, RH	1	35	
- 10	8-74709-7	• • FITTING, FUSELAGE TANK LOWER CORNER	2	35	
	8-74708-7	• • FITTING, FUSELAGE TANK LOWER CORNER ALT INTCHG WITH 8-74709-7	RF	35	
- 11	8-74709-8	• • FITTING, FUSELAGE TANK LOWER CORNER	2	35	
	8-74708-8	• • FITTING, FUSELAGE TANK LOWER CORNER ALT INTCHG WITH 8-74709-8	RF	35	
- 12	8-74430-81	• • FLOOR	2	35	215
	8-74430-387	• • FLOOR	1	216	
	8-74430-389	• • FLOOR	1	216	
		ATTACHING PARTS			
- 13	AN3-4A	• • BOLT	32	35	
- 14	AN960-10	• • WASHER -----X-----	32	35	
- 15	8-74430-323	• CHANNEL ASSY ATTACHING PARTS	8	35	
	AN5-6A	• BOLT	2		
	AN960-516	• WASHER	2		
	NAS686A5	• NUT PLATE -----X-----	2		

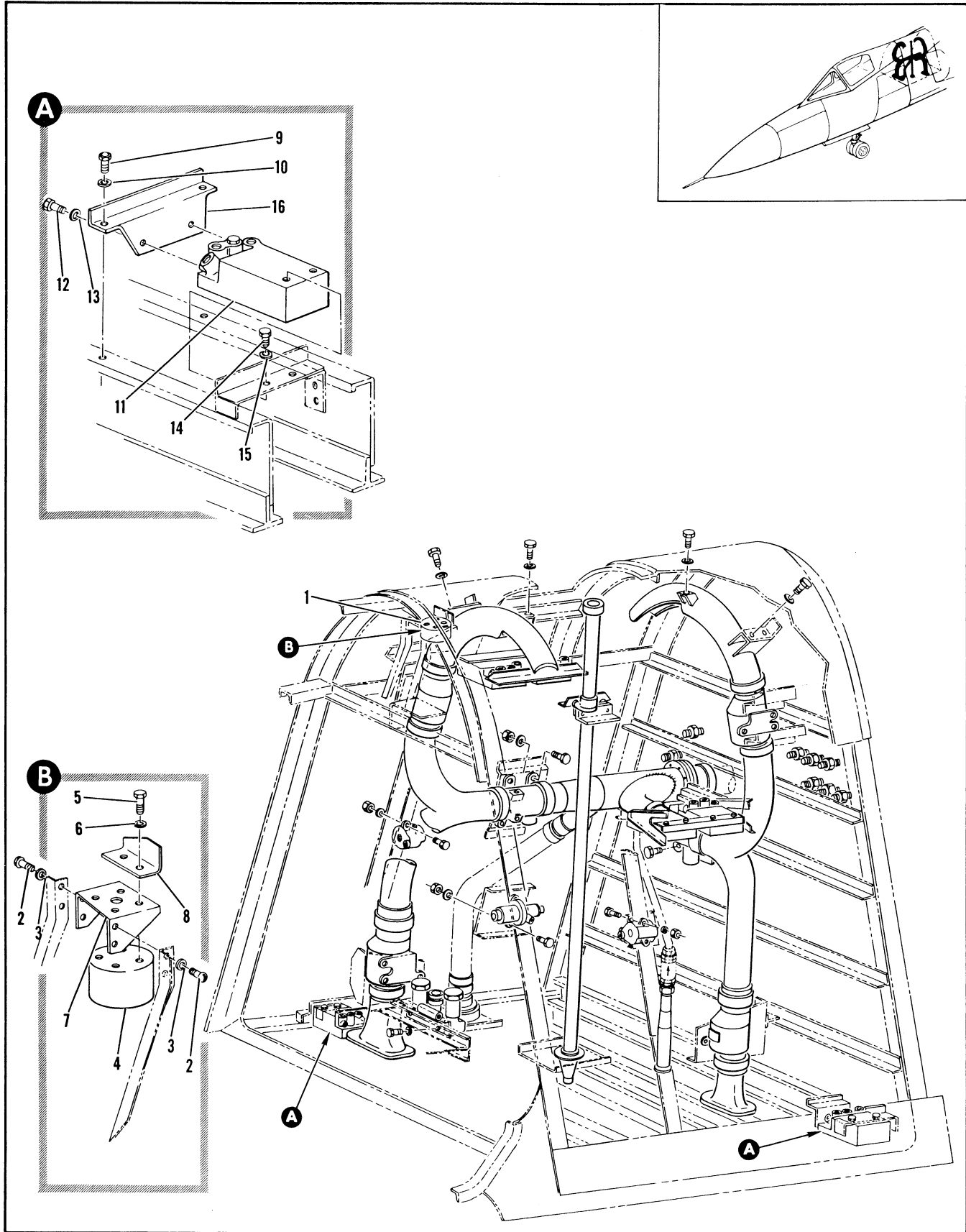


Figure 2.12-52. Fuselage Tank Fuel Transfer Equipment Installation (Sheet 1 of 7)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-52	8-27451	EQUIPMENT INSTALLATION, FUSELAGE FUEL TANK TRANSFER FOR NHA SEE FIG. 2.12-50	RF	35	215
	8-27451-3	EQUIPMENT INSTALLATION, FUSELAGE FUEL TANK TRANSFER FOR NHA SEE FIG. 2.12-50	RF	216	
	8-28406	• VALVE INSTL, FULL CAPACITY FUSELAGE TANK PILOT	1	35	
- 1	8-28406-19	• • VALVE ASSY, FUSELAGE TANK PILOT ATTACHING PARTS	1	35	
- 2	NAS221-7	• • SCREW	4	35	48
	AN3-3A	• • BOLT	4	49	
- 3	AN960D10	• • WASHER	4	35	
		-----X-----			
- 4	16-356-1	• • • VALVE ASSY, FUSELAGE TANK PILOT (92003) SPEC 8-00904 T.O. 6J15-5-19-3	1	35	
	909555	• • • VALVE ASSY, FUSELAGE TANK PILOT (92003) SPEC 8-00904 T.O. 6J15-3-75-13 ATTACHING PARTS	1	35	
- 5	AN3H3A	• • • BOLT	4	35	
- 6	AN960D10	• • • WASHER	4	35	
		-----Y-----			
- 7	8-28406-21	• • • BRACKET ASSY, RIVETED	1	35	
- 8	8-28406-17	• • • DEFLECTOR	1	35	
	8-28268-1	• VALVE INSTL, PILOT TANK	1	35	
- 9	AN3-4A	• • BOLT	4	35	
- 10	AN960D10	• • WASHER	4	35	
	8-28268-17	• • VALVE ASSY, LH	1	35	129
	8-28268-27	• • VALVE ASSY, LH	1	130	240
	8-28268-31	• • VALVE ASSY, LH	1	241	
	8-28268-17	• • VALVE ASSY, RH	1	35	48
	8-28268-23	• • VALVE ASSY, RH	1	49	129
	8-28268-25	• • VALVE ASSY, RH	1	130	240
	8-28268-29	• • VALVE ASSY, RH	1	241	
- 11	762200-7	• • • VALVE ASSY, FUEL TRANSFER <96124> SPEC 8-02443-7 T.O. 6J15-3-78-3 REPLACES SUITABLE SUB FOR 762200-5 ATTACHING PARTS	1	35	
- 12	AN3H3A	• • • BOLT	2	35	
- 13	AN960D10L	• • • WASHER	2	35	
- 14	AN3H4A	• • • BOLT	4	35	
- 15	AN960D10	• • • WASHER	4	35	
		-----Y-----			
- 16	8-28268-7	• • • SUPPORT	1	35	48
	8-28268-21	• • • SUPPORT	1	49	

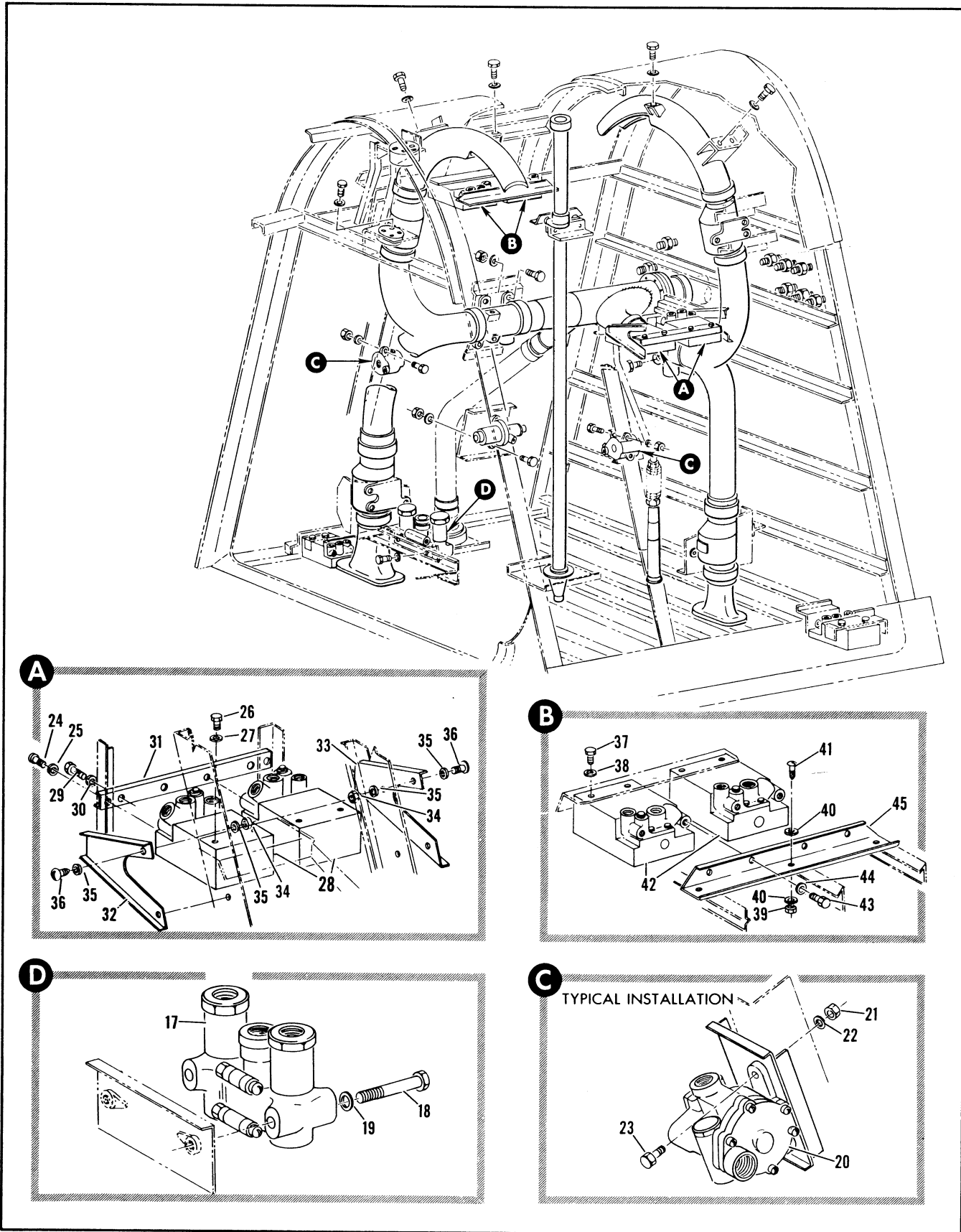


Figure 2.12-52. Fuselage Tank Fuel Transfer Equipment Installation (Sheet 2 of 7)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-52	8-28386	• VALVE INSTL, MANIFOLD CHECK FUSELAGE TANK	1	35	
- 17	1111-565531	• VALVE ASSY, MANIFOLD AIR CHECK FUEL <92003> SPEC 8-02465-1 T.O. 6J15-2-105-13 ATTACHING PARTS	1	35	
- 18	AN4-22A	• BOLT	2	35	
- 19	AN9630416	• WASHER ----X----	2	35	
- 20	8-28386-3 GV310-110	• VALVE INSTL, AIR SHUTOFF • VALVE ASSY, <84987> SPEC 8-00258-3 T.O. 8P5-5-74-3 ATTACHING PARTS	2 2	35 35	
- 21	NAS679A3	• NUT	4	35	
- 22	AN9630D10	• WASHER	4	35	
- 23	AN3-5A	• BOLT ----X----	4	35	
	8-28407	• VALVE INSTL, EMERGENCY FUSELAGE TANK PILOT	1	35	
	8-28407-21	• VALVE ASSEMBLY	1	35	129
	8-28407-29	• VALVE ASSEMBLY	1	130	240
	8-28407-31	• VALVE ASSEMBLY ATTACHING PARTS	1	241	
- 24	NAS221-6	• SCREW	2	35	
- 25	AN9630D10L	• WASHER	2	35	
- 26	AN3H3A	• BOLT	4	35	
- 27	AN9630D10L	• WASHER ----X----	4	35	
- 28	762200-7	• VALVE ASSY, <96124> SPEC 8-02443-7 T.O. 6J15-3-78-3 ATTACHING PARTS	2	35	
- 29	AN3H3A	• BOLT	4	35	
- 30	AN9630D10L	• WASHER ----X----	4	35	
- 31	8-28407-7	• ANGLE	1	35	
- 32	8-28407-25	• BRACKET ASSY, LH RIVETED	1	35	
- 33	8-28407-26	• BRACKET ASSY, RH RIVETED ATTACHING PARTS	1	35	
- 34	NAS679A3	• NUT	4	35	
- 35	AN9630D10L	• WASHER	8	35	
- 36	NAS221-6	• SCREW ----X----	4	35	
	8-28408	• VALVE INSTL, HIGH LEVEL FUSELAGE TANK PILOT	1	35	
	8-28408-15	• VALVE ASSEMBLY	1	35	129
	8-28408-17	• VALVE ASSEMBLY	1	130	240
	8-28408-19	• VALVE ASSEMBLY ATTACHING PARTS	1	241	
- 37	AN3H3A	• BOLT	4	35	
- 38	AN9630D10L	• WASHER	4	35	
- 39	NAS679A3	• NUT	3	35	
- 40	AN9630D10L	• WASHER	6	35	
- 41	NAS221-6	• SCREW ----X----	3	35	
- 42	762200-7	• VALVE ASSY, <96124> SPEC 8-02443-7 T.O. 6J15-3-78-3 ATTACHING PARTS	2	35	
- 43	AN3H3A	• BOLT	4	35	
- 44	AN9630D10L	• WASHER ----X----	4	35	
- 45	8-28408-7	• ANGLE	1	35	

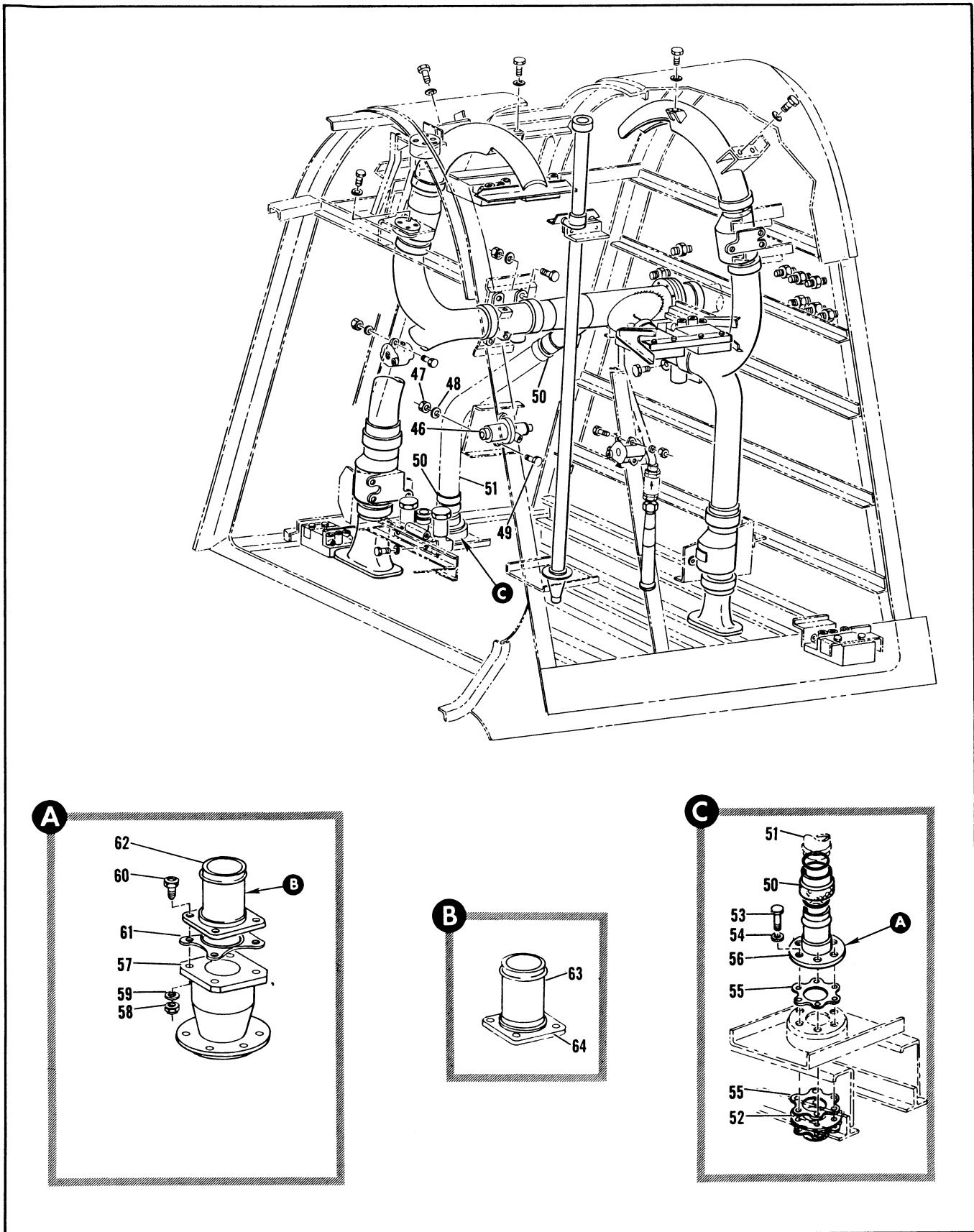


Figure 2.12-52. Fuselage Tank Fuel Transfer Equipment Installation (Sheet 3 of 7)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-52- 46	PV293-110	• VALVE ASSY, PRESSURE OPERATED PILOT (84987) SPEC 8-02275 T.O. 6J15-3-80-3 REPLACE BY SUITABLE SUB PV293-120	1	35	
	PV293-120	• VALVE ASSY, PRESSURE OPERATED PILOT <57 SPEC 8-02275 T.O. 6J15-3-80-3 REPLACE IS SUITABLE SUB FOR PV293-110 ATTACHING PARTS	RF	35	
- 47	NAS679A3	• NUT	2	35	
- 48	AN960D10	• WASHER	2	35	
- 49	AN3-5A	• BOLT	2	35	
		-----X-----			
- 50	3605-240	• COUPLING, <79326> 92-72500-013	2	35	
	MS29513-325	• PACKING	4	35	
- 51		• TUBE ASSY, SEE FIG. 2.12-43 INDEX 181	RF		
- 52	15-356-101	• VALVE ASSY, PILOT OPERATED SHUTOFF FUEL TANK <82267> SPEC 8-02275 T.O. 6J15-10-106-3 ATTACHING PARTS	1	35	
- 53	A14-7A	• BOLT	6	35	
- 54	AN960D416L	• WASHER	6	35	
		-----X-----			
- 55	075156-4	• GASKET, <83259> SPEC 8-02287-7	2	35	
	MS29513-325	• PACKING	2	130	
- 56	8-28215	• TUBE ASSY, REFUEL LINE WELDED REPLACED BY NOT INTCHNG WITH 8-28488-1	1	35	129
- 57	25-6500	• VALVE ASSY, FUEL CHECK <96736> SPEC 8-0 T.O. 6J15-2-111-3 ATTACHING PARTS	1	130	
- 58	NAS679A4	• NUT	4	130	
- 59	AN960D10L	• WASHER	4	130	
- 60	AN4-11A	• BOLT	4	130	
		-----X-----			
- 61	075356-1	• GASKET, <83259> SPEC 8-02289-1	1	130	
- 62	8-28488-1	• TUBE ASSY, FUSELAGE TANK REFUELING LINE REPLACES NOT INTCHNG WITH 8-28215	1	130	
- 63	8-2488-7	• TUBE	1	130	
- 64	8-21530	• FLANGE	1	130	

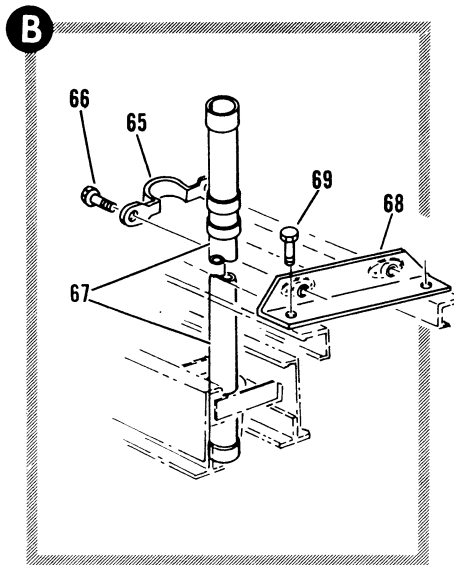
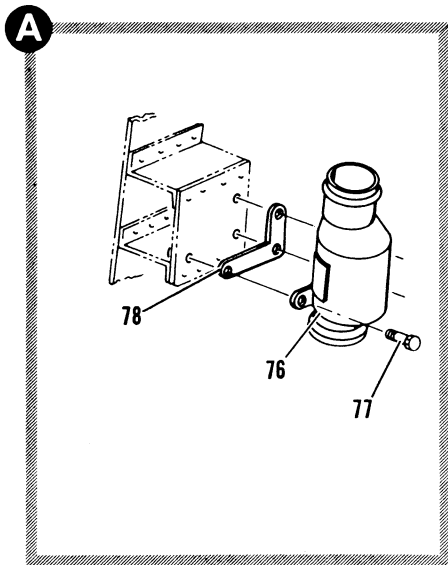
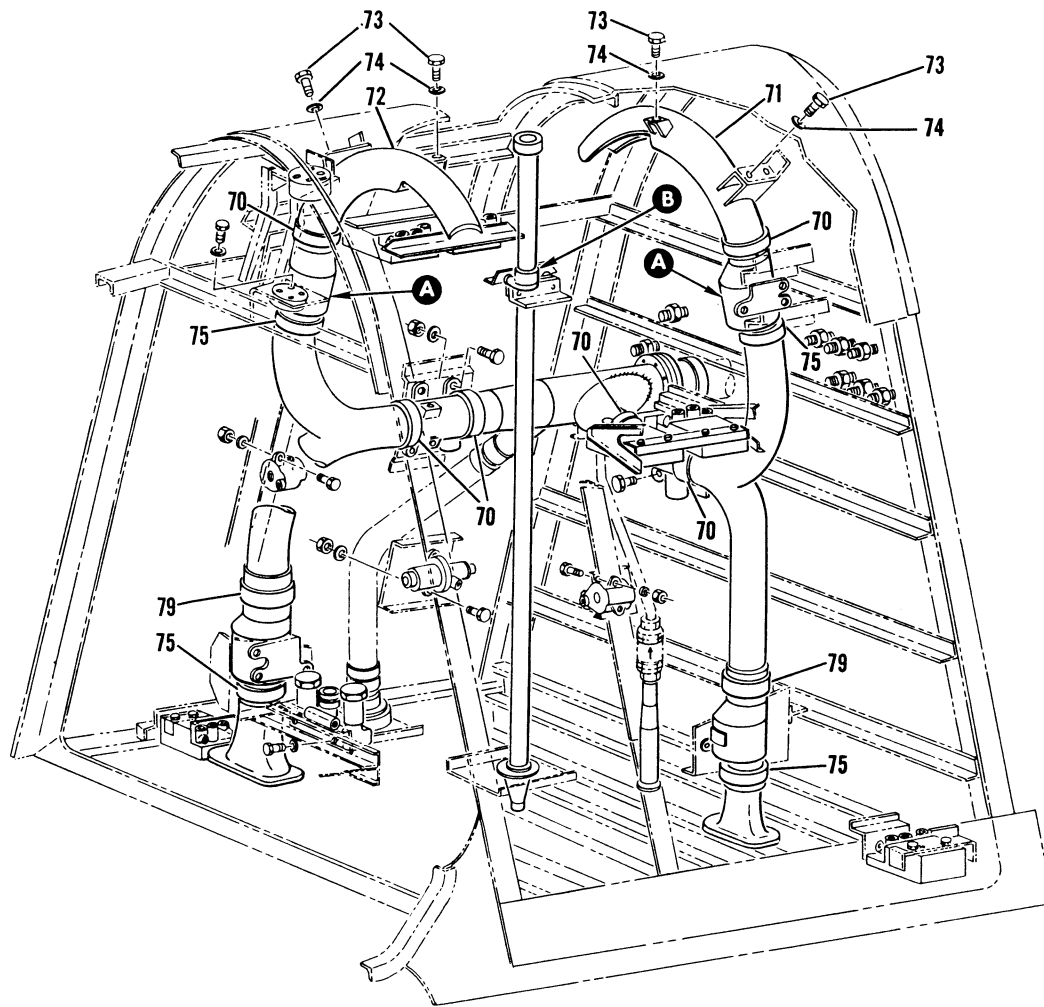


Figure 2.12-52. Fuselage Tank Fuel Transfer Equipment Installation (Sheet 4 of 7)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-52	8-28285	• PROBE INSTL, FUSELAGE FUEL TANK	1	35	
- 65	8-21114-7	• • CLAMP ATTACHING PARTS	1	35	
- 66	AN520-10R7	• • SCREW -----X-----	2	35	
- 67	FG220A67	• • PROBE, FUEL QUANTITY <40931> SPEC 8-20995-21 T.O. 5L14-3-21-13	1	35	
- 68	8-28285-11	• • BRACKET ASSY, RIVETED ATTACHING PARTS	1	35	
- 69	AN3-3A	• • BOLT -----X-----	2	35	
- 70	CF14-300	• COUPLING, <98625> 92-73008-007 REPLACED BY SUITABLE SUB 51500-2-300	6	35	60
	51500-2-300	• COUPLING, <98625> 92-73008-020 REPLACES SUITABLE SUB FOR CF14-300	6	61	
- 71	8-27583	• TUBE ASSY, LH WELDED	1	35	
- 72	8-27582	• TUBE ASSY, RH WELDED ATTACHING PARTS	1	35	
- 73	AN4-5A	• BOLT	6	35	
- 74	AN960D416	• WASHER -----X-----	6	35	
- 75	4368-365SH	• COUPLING, <98625> 92-73003-010	4	35	
	074856-2	• GASKET, <83259> SPEC 8-00274-3	4	35	
- 76	313700	• VALVE ASSY, CHECK AFT <96124> SPEC 8-00997 T.O. 6J15-2-05-23 ATTACHING PARTS	2	35	
- 77	AN4-6A	• BOLT -----X-----	3	35	
- 78	8-28219	• SHIM	1	35	
- 79	3605-48D	• COUPLING, <79326> 92-72500-016	2	35	
	MS29513-337	• PACKING	4	35	

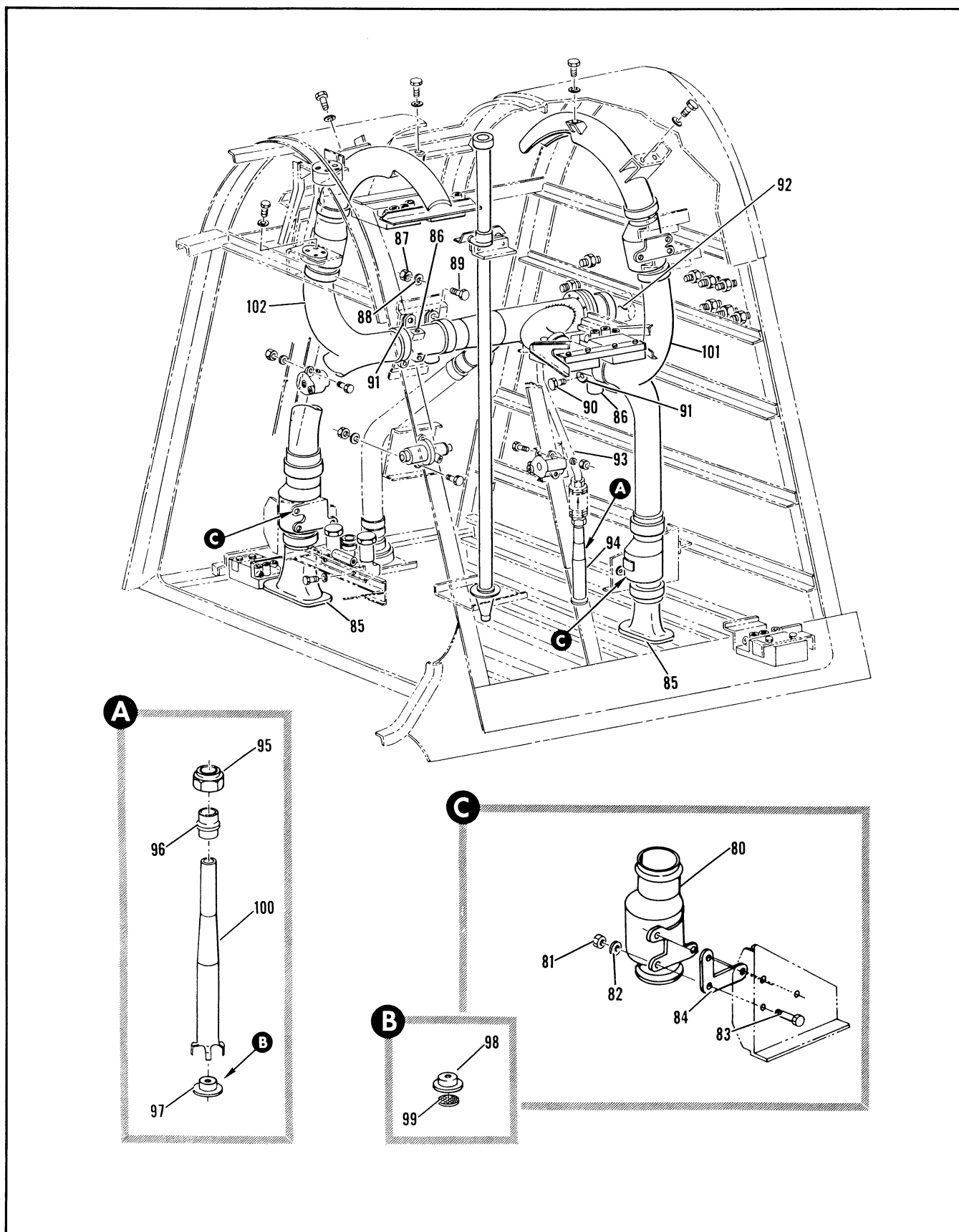


Figure 2.12-52. Fuselage Tank Fuel Transfer Equipment Installation (Sheet 5 of 7)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-52- 80	313730	• VALVE ASSY, CHECK FWD <96124> SPEC 8-00997 T.O. 6J15-2-95-23 ATTACHING PARTS	2	35	
- 81	NAS679A4	• NUT	3	35	
- 82	AN960D416L	• WASHER	3	35	
- 83	AN4-6A	• BOLT	3	35	
		-----X-----			
- 84	8-28219	• SHIM	1	35	
- 85	8-28439	• BELLMOUTH ASSY, RIVETED	2	35	
- 86	503200-7	• VALVE ASSY, FUEL TRANSFER SHUTOFF <9612 SPEC 8-02274-7 ATTACHING PARTS	2	35	
- 87	NAS679A4	• NUT	4	35	
- 88	AN960D416	• WASHER	4	35	
- 89	AN4-7A	• BOLT	4	35	
- 90	AN4-6A	• BOLT	4	35	
		-----X-----			
- 91	8-28220	• SHIM	2	35	
- 92		• TUBE ASSY, SEE FIG. 2.12-48	PF		
- 93		• TUBE ASSY, SEE FIG. 2.12-43 INDEX 175	RF		
- 94	8-28381	• TUBE ASSY, FUEL SCAVENGE FUSELAGE TANK	1	35	
- 95	MS21921-6	• NUT	1	35	
- 96	MS21922-6	• SLEEVE	1	35	
- 97	8-28381-13	• SCREEN ASSEMBLY	1	35	
- 98	8-28381-9	• CUP	1	35	
- 99	8-28381-11	• SCREEN	1	35	
-100	8-28381-7	• TUBE, FUEL SCAVENGE	1	35	
-101	8-27580	• TUBE ASSY, FUEL TRANSFER Y LH WELDED	1	35	215
	8-28510	• TUBE ASSY, FUEL TRANSFER Y LH WELDED	1	216	
-102	8-27581	• TUBE ASSY, RH WELDED	1	35	

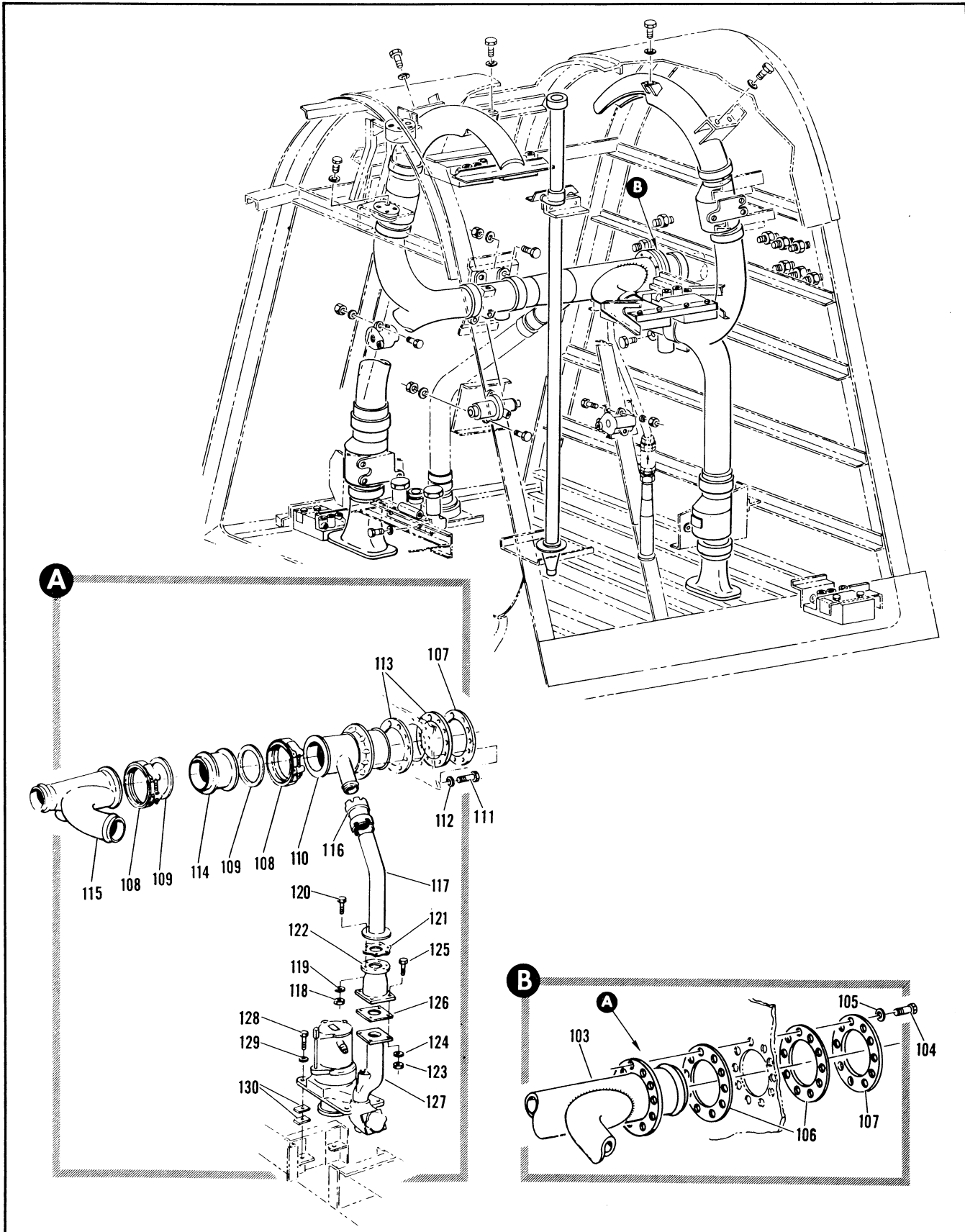


Figure 2.12-52. Fuselage Tank Fuel Transfer Equipment Installation (Sheet 6 of 7)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-52-103	8-27452	• TUBE ASSY, TRANSFER WELDED REPLACED BY SUITABLE SUB 8-27452-3	1	35	188
	8-27452-3	• TUBE ASSY, TRANSFER WELDED REPLACES SUITABLE SUB FOR 8-27452 REPLACED BY NOT INTCHG WITH 8-28506-3 AND 8-28508-1 ATTACHING PARTS	1	189	215
-104	AN4-13A	• BOLT	1	35	
-105	AN960D416	• WASHER	1	35	
		-----X-----			
-106	075656	• GASKET, <R3259> SPEC 8-02292-1	2	35	215
-107	8-28213-7	• FLANGE, REPLACES NOT INTCHG WITH 8-2821	1	189	
-108	4404-450M	• COUPLING, <98625> SPEC 92-73003-008	2	35	
-109	074856-3	• GASKET, <R3259> SPEC 8-00274-7	2	216	
-110	8-28506-3	• TUBE ASSY, FUEL TRANSFER FLANGED REPLACES NOT INTCHG WITH 8-27452-3 ATTACHING PARTS	1	216	
-111	AN4-13A	• BOLT	1	216	
-112	AN960D416	• WASHER	1	216	
		-----X-----			
-113	075656	• GASKET, <R3259> SPEC 8-02292-1	2	216	
-114	8-28521	• TUBE, FUEL TRANSFER	1	216	
-115	8-28508-1	• TUBE ASSY, FUEL TRANSFER WELDED REPLACES NOT INTCHG WITH 8-27452-3	1	216	
-116	3605-24D	• COUPLING, <79326> 92-72500-013	1	216	
	MS29513-325	• PACKING	2	216	
		ATTACHING PARTS			
-117	8-28509-1	• TUBE ASSY, BOOST PUMP	1	216	
-118	NAS679A4	• NUT	6	216	
-119	AN960D416L	• WASHER	6	216	
-120	AN4-7A	• BOLT	6	216	
		-----X-----			
-121	075156-4	• GASKET, <R3259> SPEC 8-02287-7	1	216	
-123	NAS679A4	• NUT	4	216	
-124	AN960D416L	• WASHER	4	216	
-125	AN4-11A	• BOLT	4	216	
		-----X-----			
-126	075356-6	• GASKET, <R3259> SPEC 8-02289-11	1	216	
	8-28502	• PUMP INSTL, FUEL BOOST	1	216	
-127	64-1099-3	• PUMP, FUEL <42280> SPEC 8-09983-1 T.O. 6J10-0-34-54 ATTACHING PARTS	1	216	
-128	AN4-6A	• BOLT	4	216	
-129	AN960D416	• WASHER	4	216	
		-----X-----			
-130	8-28503	• SHIM	8	216	

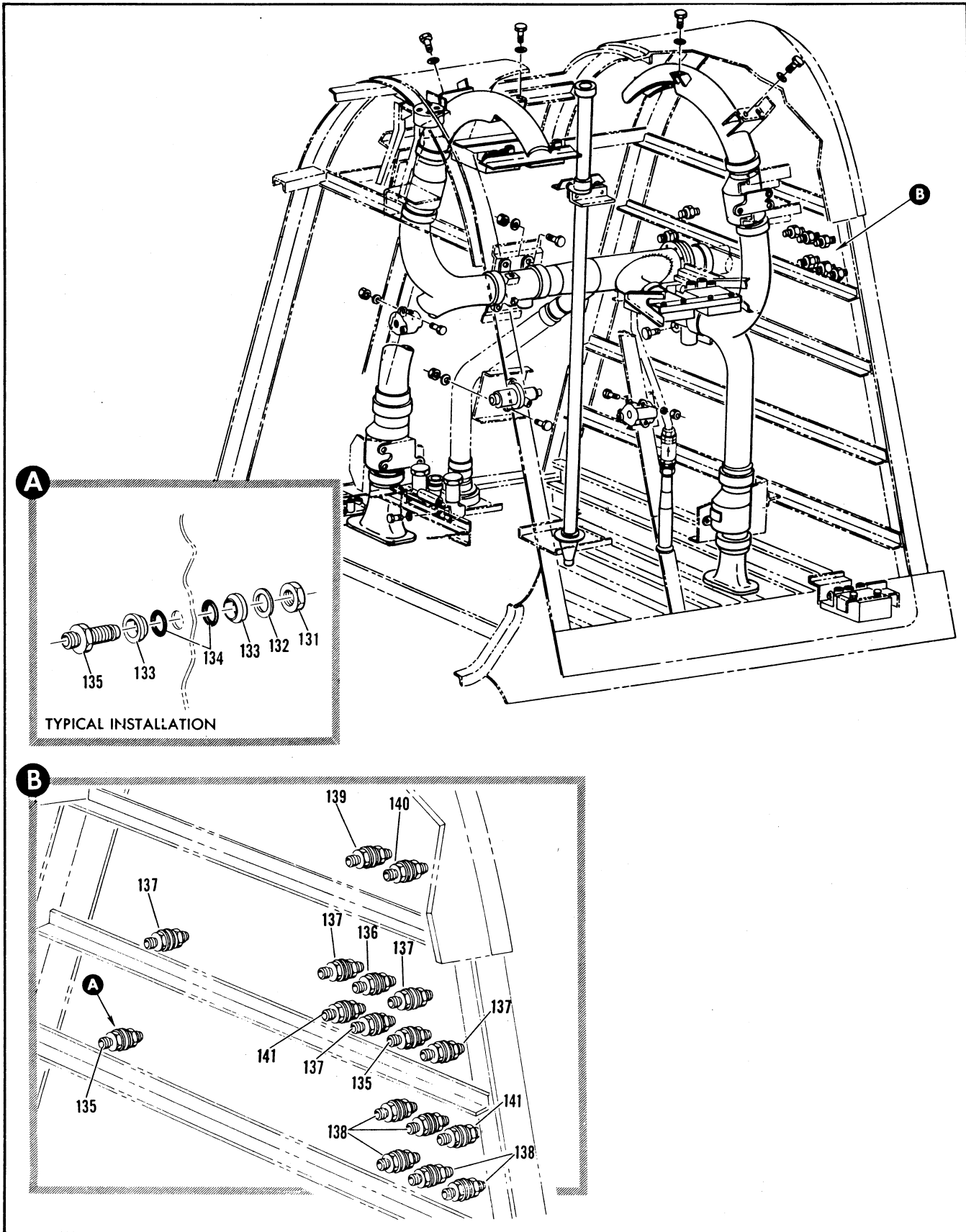


Figure 2.12-52. Fuselage Tank Fuel Transfer Equipment Installation (Sheet 7 of 7)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-52-131	AN924-4	• NUT	2	35	
-132	AN960D716	• WASHER	2	35	
-133	8-21311-7	• WASHER	4	35	
-134	MS29513-13	• PACKING	4	35	
-135	8-23307-9	• UNION	2	35	
	AN924-6	• NUT	1	35	
	AN960D916	• WASHER	1	35	
	8-21311-19	• WASHER	2	35	
	MS29513-15	• PACKING	2	35	
-136	8-23307-15	• UNION	1	35	
	AN924-6	• NUT	5	35	
	AN960D916	• WASHER	5	35	
	8-21311-19	• WASHER	10	35	
	MS29513-15	• PACKING	10	35	
-137	8-23307-15	• UNION	5	35	
	AN924-4	• NUT	5	35	
	AN960D716	• WASHER	5	35	
	8-21311-7	• WASHER	10	35	
	MS29513-13	• PACKING	10	35	
-138	8-23307-9	• UNION	5	35	
	AN924-6	• NUT	10	35	
	AN960D916	• WASHER	1	35	
	8-21311-19	• WASHER	2	35	
	MS29513-15	• PACKING	2	35	
-139	8-23307-15	• UNION	1	35	
	AN924-6D	• NUT	1	160	
	AN960D916	• WASHER	1	160	
	8-21311-19	• WASHER	2	160	
	MS29513-15	• PACKING	2	160	
-140	8-23307-15	• UNION	1	160	
	AN924-4	• NUT	2	216	
	AN924-4D	• NUT	2	35	215
	AN960D716	• WASHER	2	216	
	8-21311-7	• WASHER	4	216	
	MS29513-13	• PACKING	4	216	
-141	8-23307-9	• UNION	2	216	

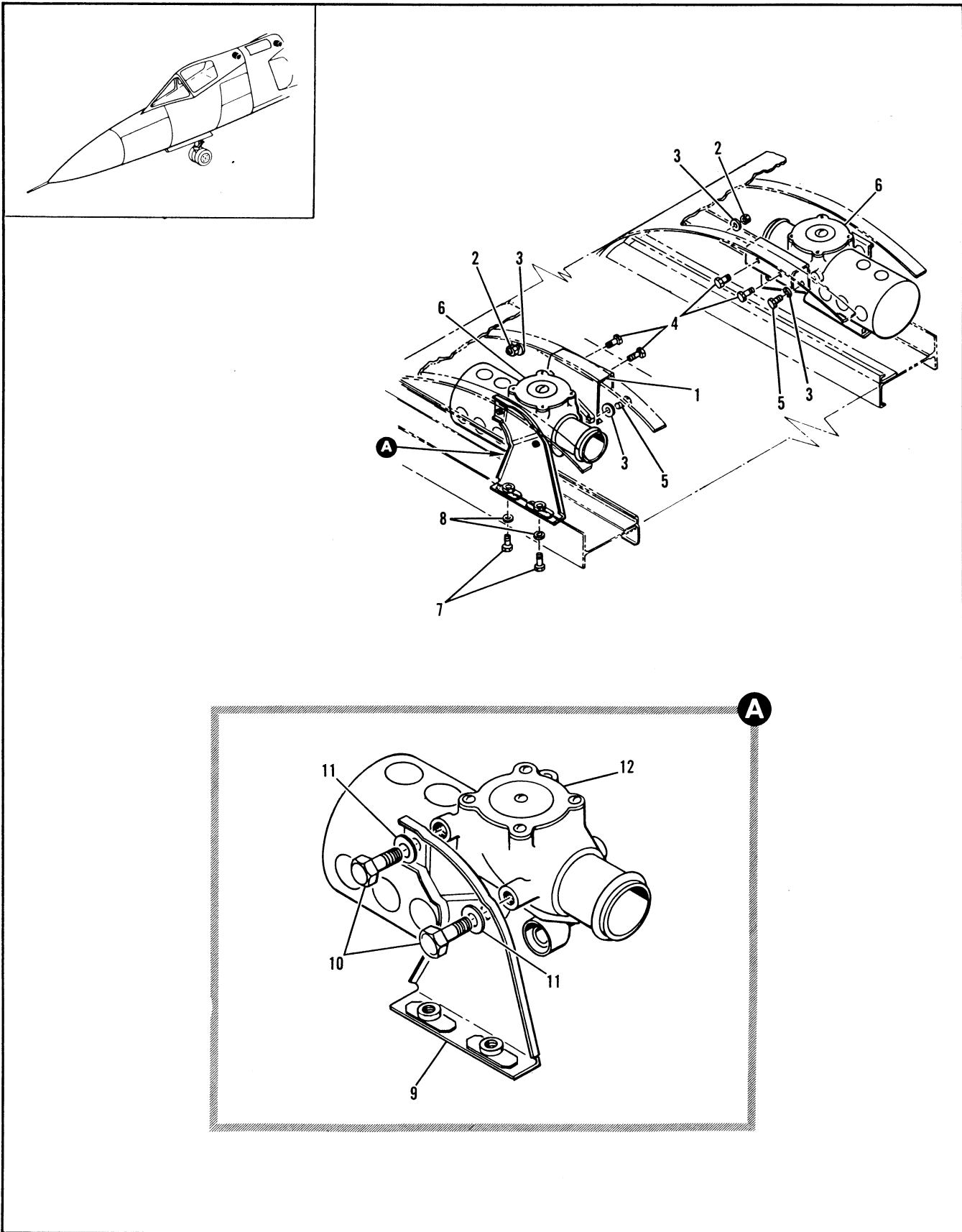


Figure 2.12-53. Fuselage Fuel Tank Vent Valve Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-53	R-28200	VALVE INSTALLATION, FUSELAGE FUEL TANK VE FOR NHA SEE FIG. 2.12-49	RF	35	
- 1	8-28200-29	• SUPPORT ASSY, FUSELAGE TANK VENT RIVETE ATTACHING PARTS	2	35	
- 2	NAS679A4	• NUT	4	35	
- 3	AN960PD416	• WASHER	8	35	
- 4	AN4-5A	• BOLT	4	35	
- 5	AN4H5A	• BOLT	4	35	
		----X----			
- 6	R-28200-43	• VALVE ASSY, FUSELAGE TANK VENT	2	35	240
	R-28200-47	• VALVE ASSY, FUSELAGE TANK VENT ATTACHING PARTS	2	241	
- 7	NAS4H5A	• BOLT	4	35	
- 8	AN960D416	• WASHER	4	35	
		----X----			
- 9	R-28200-37	• BRACKET ASSY, VENT VALVE RIVETED ATTACHING PARTS	1	35	
- 10	AN4H4A	• BOLT	2	35	
- 11	AN960PD416	• WASHER	2	35	
		----X----			
- 12	8-105455	• VALVE ASSY, VENT <75361> SPEC 8-00390-9 T.O. 6J15-8-94-3	1	35	
	8-106455	• VALVE ASSY, VENT <75361> SPEC 8-00390-9 T.O. 6J15-8-94-3 ALT INTCHG WITH 8-105455	RF	35	

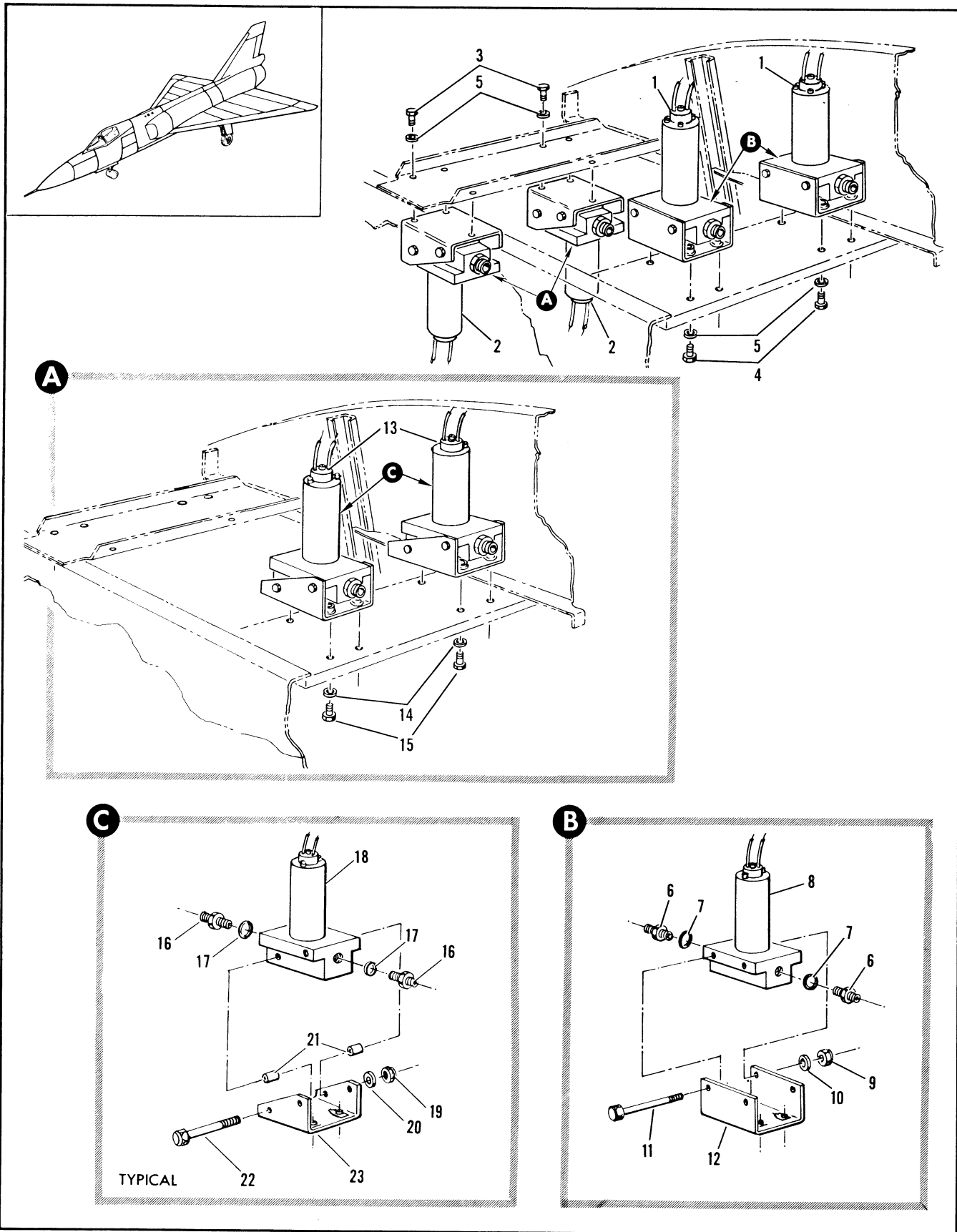


Figure 2.12-54. Fuel Pressure Valve

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-54	8-28289-3	FUEL PRESSURE VALVE • VALVE INSTL, FUEL PRESSURE SHUTOFF STA 270 FOR NHA SEE FIG. 2.3-11 INDEX 9	RF	35	215
- 1	8-28289-29	• • VALVE ASSY, LH	2	35	215
- 2	8-28289-23	• • VALVE ASSY, RH ATTACHING PARTS	2	35	215
- 3	AN3-4A	• • BOLT	6	35	215
- 4	AN3CH4A	• • BOLT	6	35	215
- 5	AN960D10L	• • WASHER	12	35	215
		-----X-----			
- 6	MS21902D6	• • • UNION	2	35	215
- 7	NAS617-6	• • • PACKING	2	35	215
- 8	V21100	• • • VALVE ASSY, SOLENOID OPERATED SHUTOFF LH <96487> SPEC 8-00391-7 T.O. 6J15-10-107-3	1	35	215
	V21200	• • • VALVE ASSY, SOLENOID OPERATED SHUTOFF RH <96487> SPEC 8-00391-9 T.O. 6J15-10-107-13 ATTACHING PARTS	1	35	215
- 9	NAS679A3	• • • NUT	2	35	215
- 10	AN960D10L	• • • WASHER	2	35	215
	NAS43DD3-30	• • • SPACER, RH	2	35	215
- 11	AN3-22A	• • • BOLT	2	35	215
		-----X-----			
- 12	8-28289-33	• • • BRACKET ASSY, LH RIVETED	1	35	215
	8-28289-11	• • • BRACKET ASSY, RH RIVETED	1	35	215
	8-28289-1	• VALVE INSTL, FUEL PRESSURE SHUTOFF STA 270 FOR NHA SEE FIG. 2.3-11	PF	216	
- 13	8-28289-23	• • VALVE ASSY, RH ATTACHING PARTS	2	216	
- 14	AN960D10L	• • WASHER	6	216	
- 15	AN3-4A	• • BOLT	6	216	
		-----X-----			
- 16	MS21902D6	• • • UNION	2	216	
- 17	NAS617-6	• • • PACKING	2	216	
- 18	V21200	• • • VALVE ASSY, SOLENOID OPERATED SHUTOFF <96487> SPEC 8-00391-9 T.O. 6J15-10-107-13 ATTACHING PARTS	1	216	
- 19	NAS679A3	• • • NUT	2	216	
- 20	AN960D10L	• • • WASHER	2	216	
- 21	NAS43DD3-30	• • • SPACER	2	216	
- 22	AN3-22A	• • • BOLT	2	216	
		-----X-----			
- 23	8-28289-11	• • • BRACKET ASSY, RIVETED	1	216	

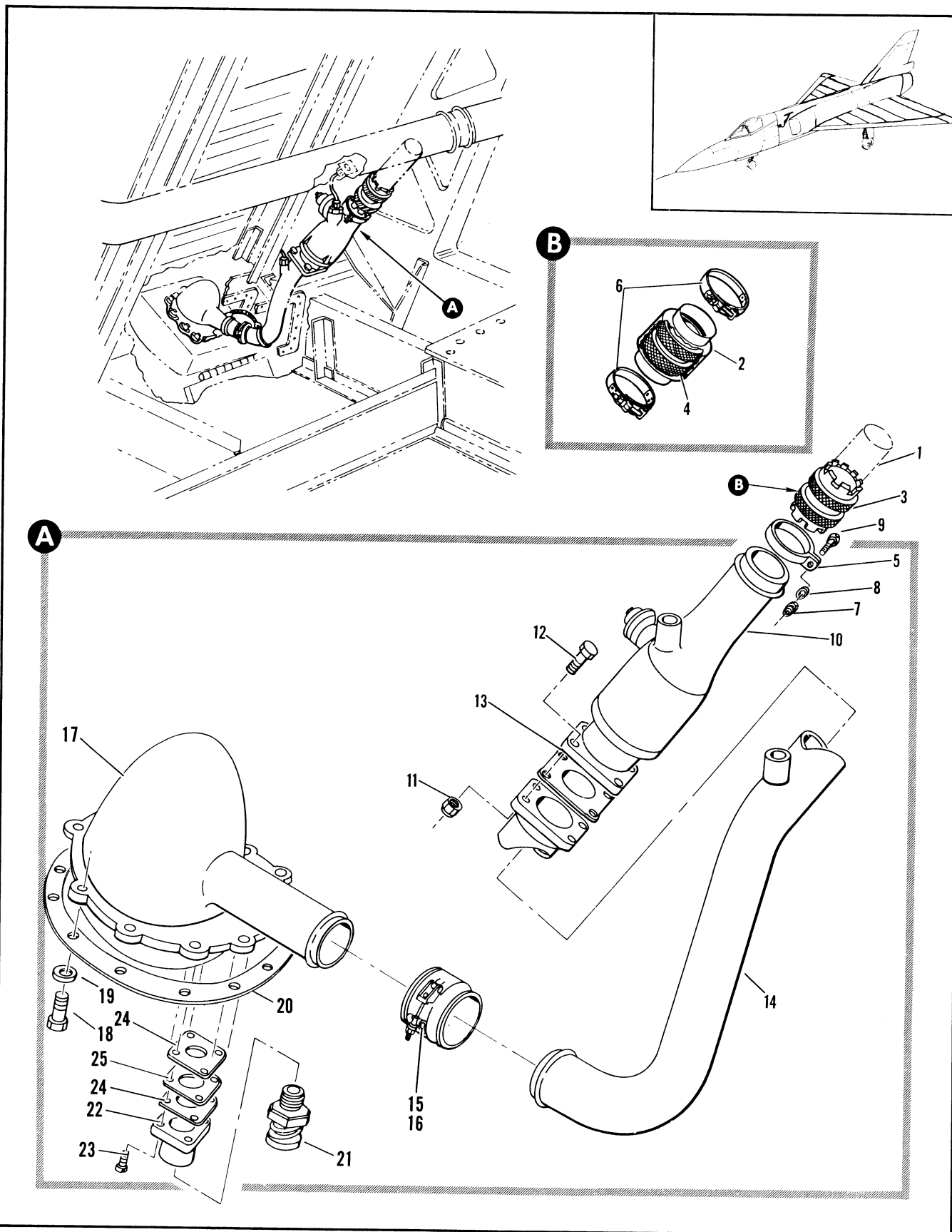


Figure 2.12-55. Pressure Regulator Refueling Valve Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-55	8-28274	VALVE INSTALLATION, PRESSURE REGULATOR REFUELING FOR NHA SEE FIG. 2.3-3	RF	35	264
	8-28274-1	VALVE INSTALLATION, PRESSURE REGULATOR REFUELING FOR NHA SEE FIG. 2.3-3	RF	265	
- 1		• TUBE ASSY, SEE FIG. 2.12-48	RF		
- 2	4508-9	• BOOT, <84914> SPEC 8-09965-9	1	265	
- 3	3601-32D	• COUPLING, <79326> 92-72500-002	1	35	264
- 4	3605-16D	• COUPLING, <79326> 92-72500-014	1	265	
	MS29513-329	• PACKING	2	35	264
- 5	AN735D32	• CLAMP	1	35	264
- 6	320-62-225SH	• CLAMP, <98625> 91-97802-072	2	265	
		ATTACHING PARTS			
- 7	NAS679A3	• NUT	1	35	
- 8	AN960D10L	• WASHER	1	35	
- 9	AN526-1032R6	• SCREW	1	35	
- 10	6133-7	• VALVE ASSY, REFUEL REGULATOR AND CHECK (86090) SPEC 8-02291 T.O. 6J15-7-18-13 REPLACES NOT INTCHG WITH 6133-3 REPLACED BY NOT INTCHG WITH 6133-9	1	35	264
	6133-7	• VALVE ASSY, REFUEL REGULATOR AND CHECK (86090) SPEC 8-02291-1 T.O. 6J15-7-18-13 REPLACED BY NOT INTCHG WITH 6113-9	1	35	215
	6133-9	• VALVE ASSY, REFUEL REGULATOR AND CHECK (86090) SPEC 8-02291-1 T.O. 6J15-7-18-13 REPLACES NOT INTCHG WITH 6133-3 AND 6133-7	1	265	
		ATTACHING PARTS			
- 11	NAS679A5	• NUT	4	35	
- 12	AN5-10A	• BOLT	4	35	
- 13	075356-2	• GASKET, <83259> SPEC 8-02289-3	1	35	
		-----X-----			
- 14	8-28273-1	• TURE ASSY, WELDED	1	35	
- 15	CF14-200	• COUPLING, <98625> 92-73008-006	1	35	60
	51500-2-200	REPLACED BY SUITABLE SUB 51500-2-200			
		• COUPLING, <98625> 92-73008-016	1	61	
		REPLACES SUITABLE SUB FOR CF14-200			
- 16	24548-200	• . RETAINER, PACKING USED WITH 51500-2-200	2		
- 17	701400	• VALVE ASSY, PRESSURE REFUELING <96124> SPEC 8-02969 T.O. 6J15-10-104-3 SEE FIGURE 2.12-57A INDEX 9	RF	35	
		ATTACHING PARTS			
- 18	AN4-6A	• BOLT	11	35	
- 19	AN960D416	• WASHER	11	35	
		-----X-----			
	MS29514-1	• . FLANGE, VALVE (96906)	1	35	
	700500	• . ADAPTER, PRESSURE FUEL SERVICING (96124)	1	35	
	721400	• . CAP, PRESSURE FUEL SERVICING (95124) NOW MS29526-2	1	35	
- 20	8-27575	• GASKET	1	35	
- 21	1100B522-G1	• VALVE ASSY, DRAIN <91511> SPEC 8-02698-1	1	35	
- 22	8-28363	• BOSS, DRAIN	1	35	
		ATTACHING PARTS			
- 23	AN3H4A	• BOLT	4	35	
	MS29513-12	• PACKING	1	35	
		-----X-----			
- 24	8-27529	• GASKET	2	35	
- 25	8-28368	• SHIM	1	35	

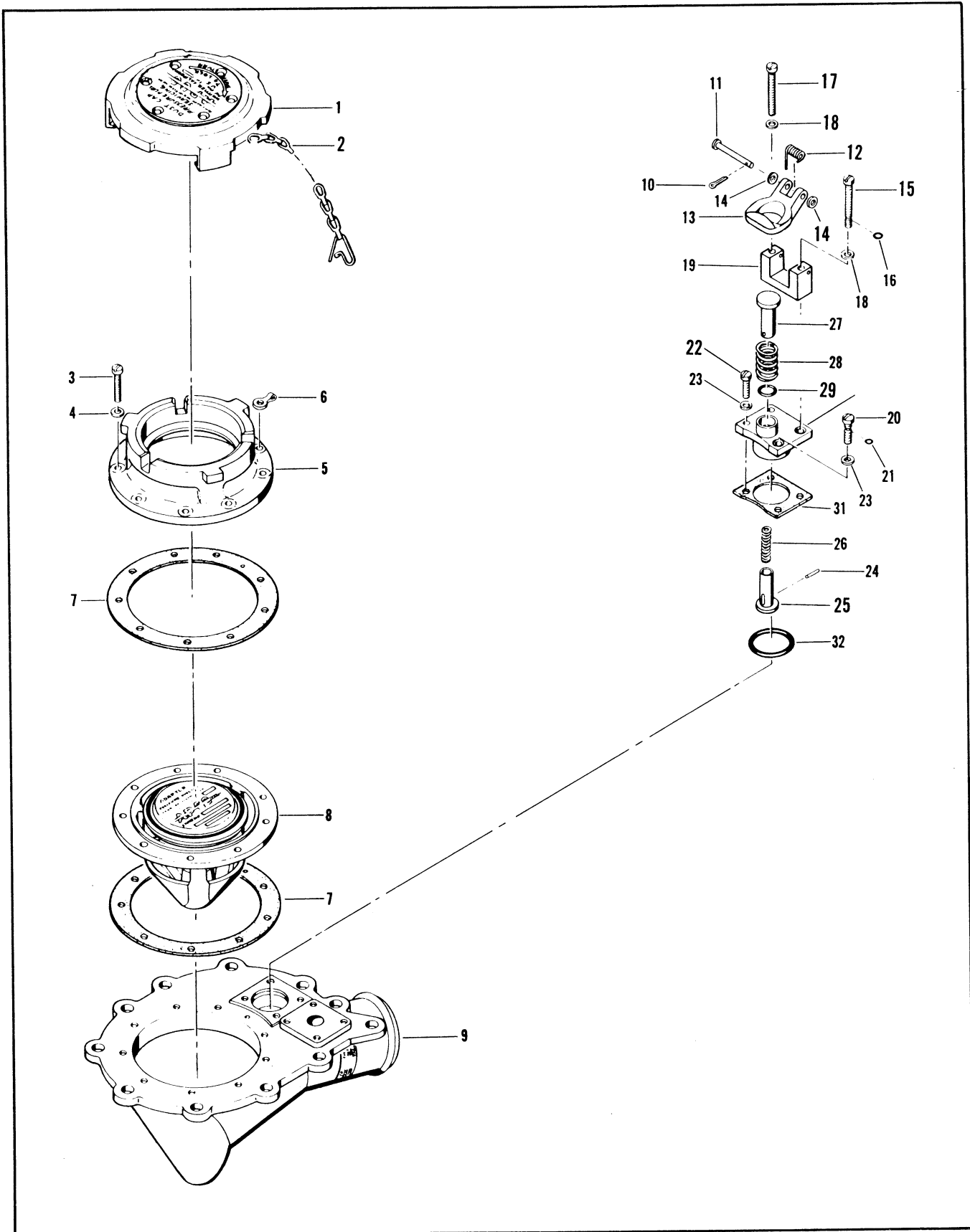


Figure 2.12-56. Pressure Refueling Valve

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-56	701400	VALVE INSTALLATION, PRESSURE REFUELING FOR NHA SEE FIG. 3-4 T.O. 6J15-10-104-3	RF		
- 1	6986-2	. . . CAP, PRESSURE FUEL SERVICING (96124) NOW MS29526-2	1	35	
- 2	720017	. . . CHAIN, FILLER CAP (96124)	1	35	
- 3	AN500A10-10	. . . SCREW, MACHINE	9	35	
- 4	AN960-10L	. . . WASHER, FLAT	9	35	
- 5	MS29514-1	. . . FLANGE, BAYONET (96906)	1	35	
- 6	700012	. . . EYE, CHAIN (96124)	1	35	
- 7	700016	. . . GASKET, (96124)	1	35	
- 8	700500	. . . ADAPTER, PRESSURE FUEL SERVICING (96124)	1	35	
	701400-2	. . . HOSE, ASSY (96124)		35	
- 9	701402	. . . BODY, ASSY (96124)	1	35	
- 10	AN381-2-5	*1 . . . PIN, COTTER	1	35	
- 11	AN329-49	*1 . . . PIN, STRAIGHT HEADED	1	35	
- 12	701416	*1 . . . SPRING, HELICAL, TORSION (96124)	1	35	
- 13	701415	. . . FOLLOWER, (96124)	1	35	
- 14	AN960-6L	. . . WASHER, FLAT	2	35	
- 15	701423	*1 . . . SCREW, MACHINE (96124)	1	35	
- 16	MS29513-005	*1 . . . PACKING, PREFORMED	1	35	
- 17	AN500A10-24	*1 . . . SCREW, MACHINE	1	35	
- 18	308717	*1 . . . WASHER (96124)	4	35	
- 19	701414	*1 . . . BLOCK, HINGE (96124)	1	35	
- 20	701421	*1 . . . SCREW, MACHINE (96124)	1	35	
- 21	MS29513-5	. . . PACKING, PREFORMED	1	35	
- 22	AN500A10-10	. . . SCREW, MACHINE	1	35	
- 23	308717	*1 . . . WASHER (96124)	2	35	
- 24	701407	*1 . . . PIN, STRAIGHT, HEADLESS (96124)	1	35	
- 25	701424	*1 . . . POPPET, (96124)	1	35	
- 26	701420	*1 . . . SPRING, HELICAL COMPRESSION (96124)	1	35	
- 27	701408	*1 . . . STRIKER (96124)	1	35	
- 28	701405	*1 . . . SPRING, HELICAL COMPRESSION (96124)	1	35	
- 29	MS29513-13	*1 . . . PACKING, PREFORMED	1	35	
- 30	701422	*1 . . . BODY VALVE (96124)	1	35	
- 31	701417	*1 . . . GASKET (96124)	1	35	
- 32	MS29513-22	*1 . . . PACKING, PREFORMED	1	35	
	701496	. . . KIT FIELD (96124)	1		
		*1 THESE PARTS CONTAINED IN KIT PART NUMBER 701496			

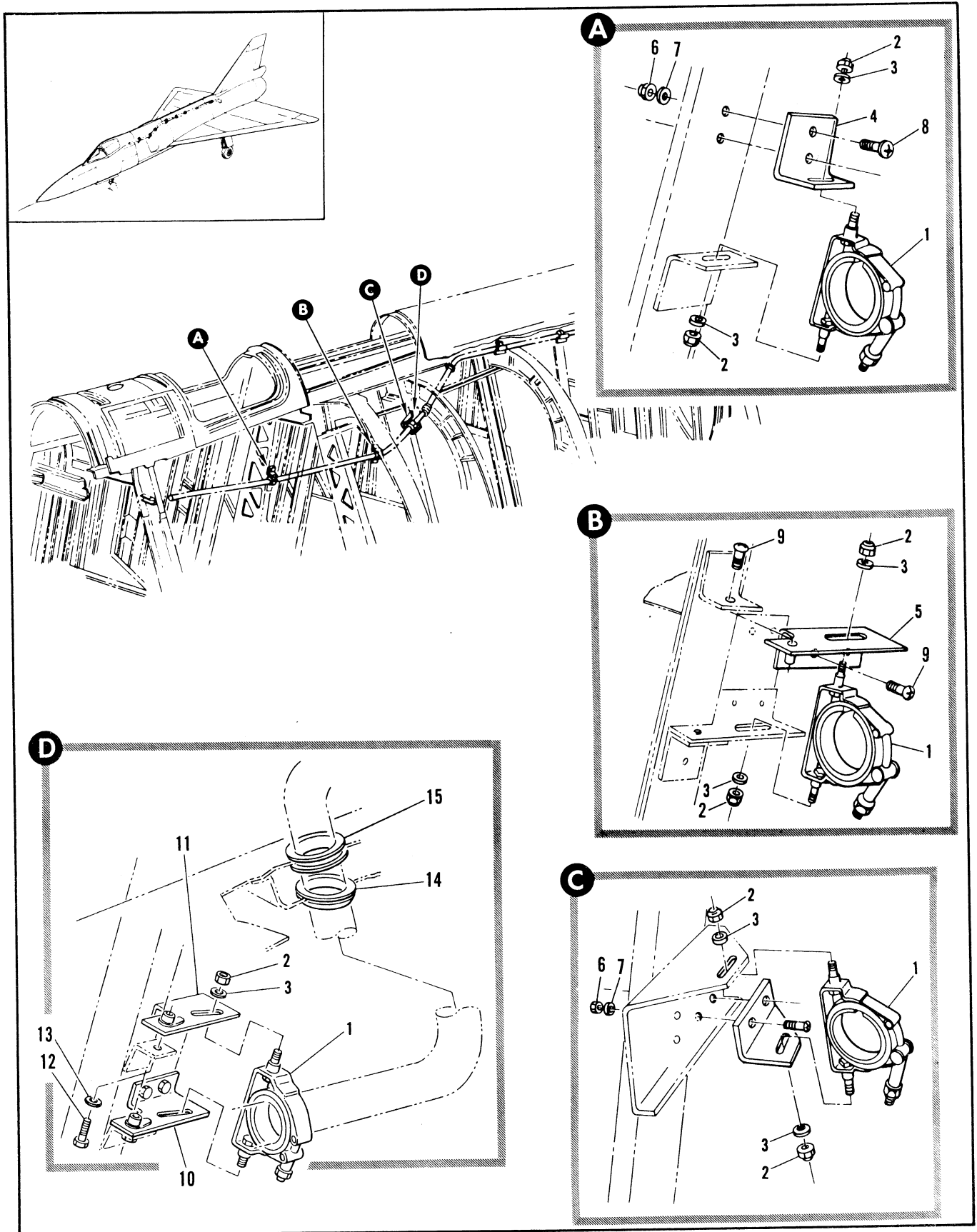


Figure 2.12-57. Fuel Tank Pressure Manifold Tubing Support (Sheet 1 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-57	8-28291	FUEL TANK PRESSURE MANIFOLD TUBING SUPPORT • SUPPORT INSTL, FUEL TANK PRESSURE MANIFOLD STA 295 TO 472 MODIFIED BY 66J48288	RF	35	
- 1	1600SH	• • CLAMP, <43062> 91-98920-001 ATTACHING PARTS	3	35	
- 2	NAS679A3	• • NUT	6	35	
- 3	AN960C10L	• • WASHER -----X-----	6	35	
- 4	8-28292-29	• • BRACKET, STA 316	1	35	
- 5	3-28292-45	• • BRACKET ASSY, STA 337 RIVETED ATTACHING PARTS	1	35	
- 6	NAS6793A3	• • NUT, STA 316	2	35	
- 7	AN960PD10	• • WASHER, STA 316	2	35	
- 8	NAS221-11	• • SCREW, STA 316	2	35	
- 9	NAS221-5	• • SCREW, STA 337 -----X-----	3	35	
- 10	66D40322-1	• • BRACKET	1	35	
- 11	66D40323-1	• • BRACKET ATTACHING PARTS	1	35	
- 12	NAS1103-2	• • BOLT	6	35	
- 13	AN960PD10L	• • WASHER -----X-----	6	35	
- 14	8-28320-7	• • GROMMET	1	35	
- 15	NMC-AG-T-24	• • GROMMET (83296)	1	35	

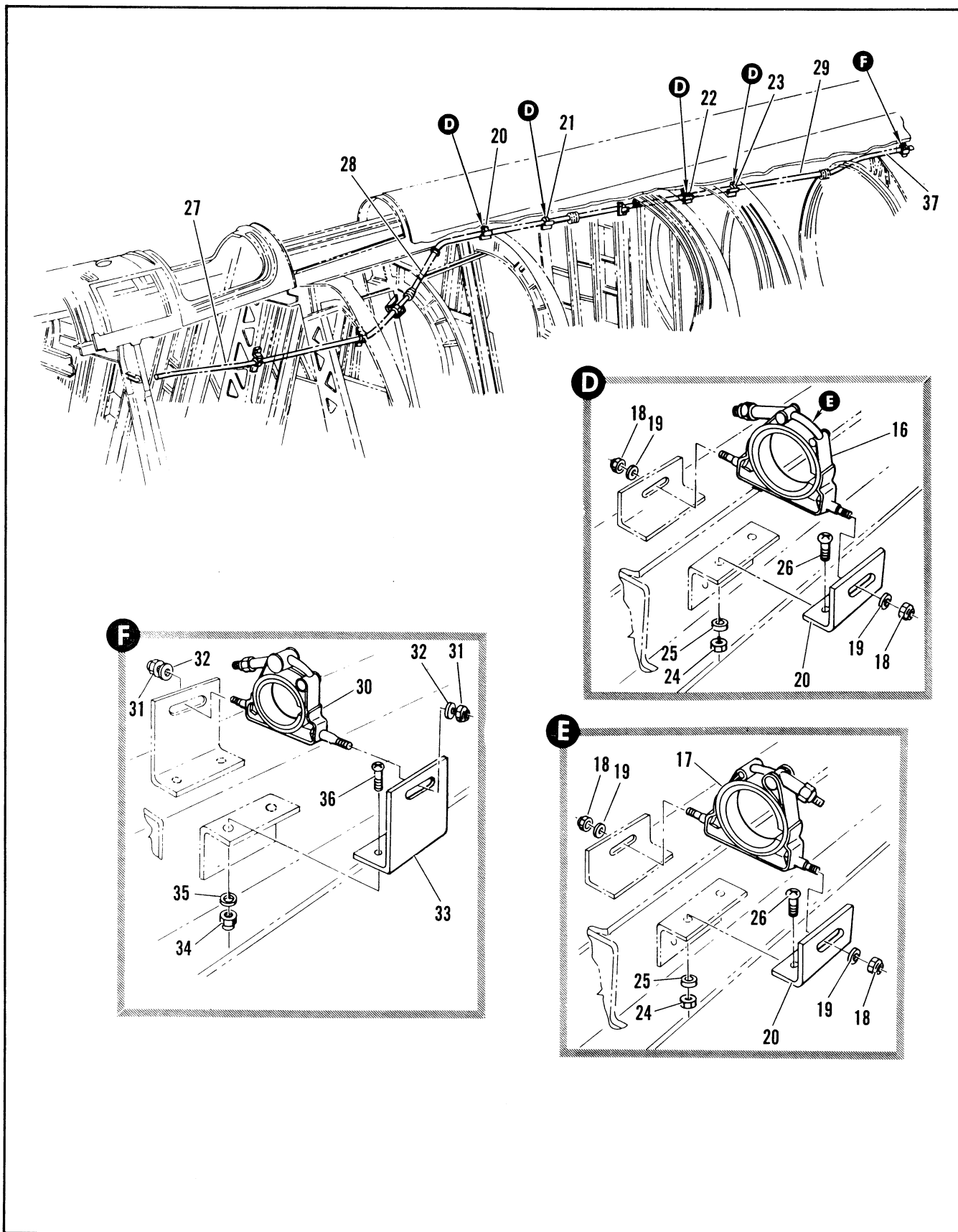


Figure 2.12-57. Fuel Tank Pressure Manifold Tubing Support (Sheet 2 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-57- 16 - 17	1600SH	• • CLAMP, <43002> 91-98020-001	4	35	60
	1600SH	• • CLAMP, <43002> 91-98020-001	1	35	60
	1600SH	• • CLAMP, <43002> 91-98020-001 ATTACHING PARTS	5	61	
- 18	NAS679A3	• • NUT	8	35	
- 19	AN960C10L	• • WASHER ----X----	8	35	
- 20	8-28292-13	• • BRACKET, STA 377	1	35	
- 21	8-28292-13	• • BRACKET, STA 396	1	35	
- 22	8-28292-13	• • BRACKET, STA 427	1	35	
- 23	8-28292-13	• • BRACKET, STA 447	1	35	
- 24	NAS679A3	• • NUT	2	35	
	NAS679A3	• • NUT	2	35	
- 25	AN960PD10L	• • WASHER	8	35	
	AN960PD10L	• • WASHER	2	35	215
	AN960C10	• • WASHER	2	216	
- 26	AN526-1032R6	• • SCREW	8	35	
	AN526-1032R6	• • SCREW	8	35	
	AN526-1032R6	• • SCREW	2	35	215
	AN526-1032R6	• • SCREW	2	216	
- 27		• • TUBE ASSY, FUEL TANK PRESSURE SEE FIG. 2.12-44	RF		
- 28		• • TUBE ASSY, FUEL TANK PRESSURE SEE FIG. 2.12-44	RF		
- 29		• • TUBE ASSY, FUEL TANK PRESSURE SEE FIG. 2.12-44	RF		
	8-28291-1	• SUPPORT INSTL, FUEL TANK PRESSURE MANIFOLD STA 472 TO 485 FOR NHA SEE FIG. 2.3-14	RF	35	
- 30	1600SH	• • CLAMP, <43002> 91-98020-001 ATTACHING PARTS	1	35	
- 31	NAS679A3	• • NUT	2	35	
- 32	AN960C10L	• • WASHER ----Y----	2	35	
- 33	8-28292-49	• • BRACKET, STA 475 ATTACHING PARTS	1	35	
- 34	NAS679A3	• • NUT	2	35	
- 35	AN960FD10L	• • WASHER	2	35	
- 36	AN526-1032R6	• • SCREW ----X----	2	35	
- 37		• • ELBOW ASSY, FUEL TANK PRESSURE SEE FIG. 2.12-58 INDEX 2	RF		

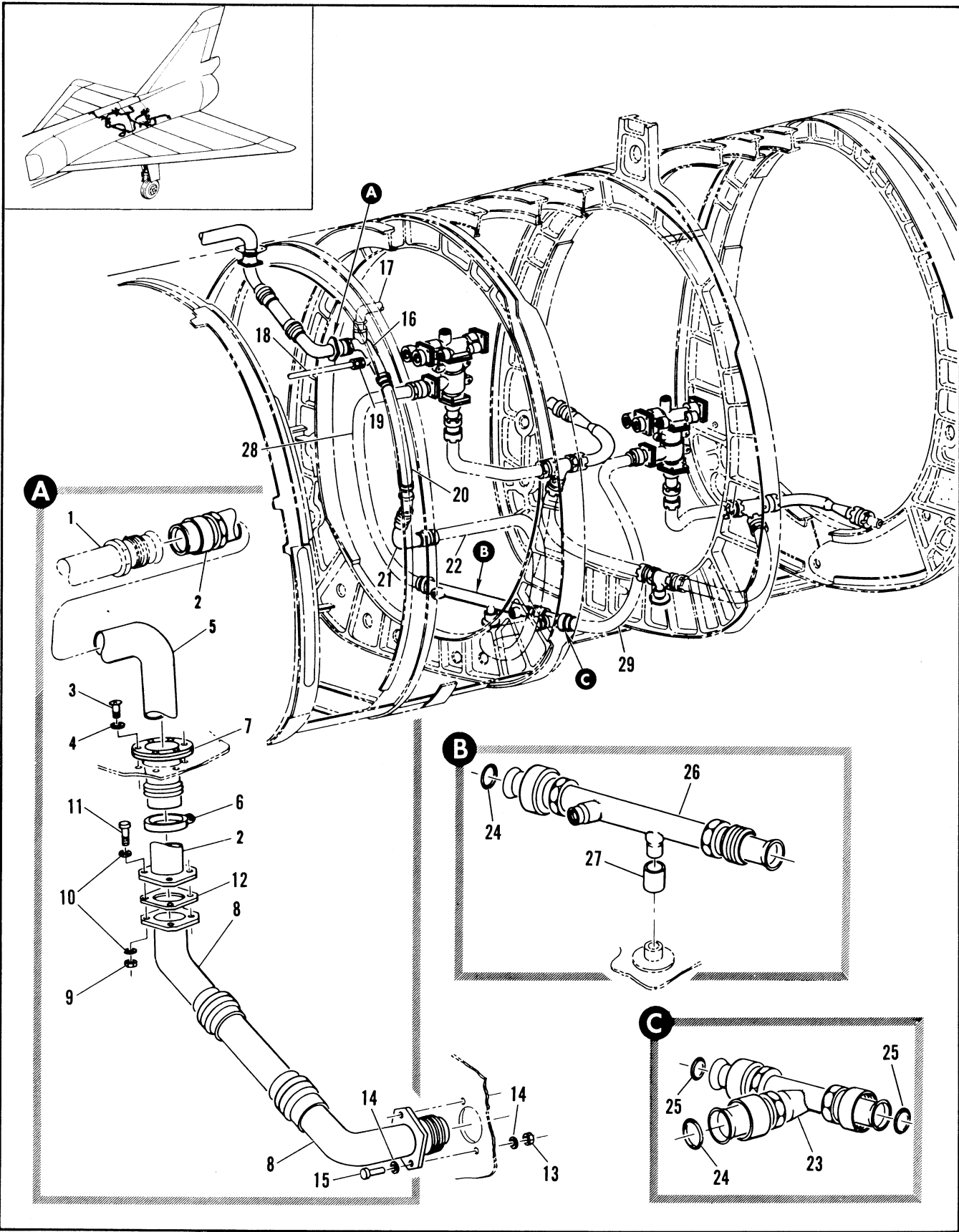


Figure 2.12-58. Fuel Tank Pressure Equipment Installation (Sheet 1 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-58	8-27320-1	EQUIPMENT INSTALLATION, FUEL TANK PRESSURE MODIFIED BY 8-21834 FOR NHA SEE FIG. 2.3-15	RF	35	
- 1		• TUBE ASSY, FUEL TANK PRESSURE SEE FIG. 2.12-44	RF	35	
- 2	8-27489-5	• ELBOW ASSY, FUEL TANK PRESSURE ATTACHING PARTS	1	35	
- 3	NAS221-10	• SCREW	6	35	
- 4	AN961010L	• WASHER	6	35	
- 5	8-27489-13	• ELBOW, FLARED TUBE (14170)	1	35	
- 6	320-62-162M	• CLAMP, <94625> 91-97802-030	1	35	
- 7	L1552	• SEAL, <11748> SPEC 8-00276-1	1	35	
- 8	8-27491-1	• ELBOW ASSY, FUEL TANK PRESSURE WELDED	1	35	277
	8-27491-3	• ELBOW ASSY, FUEL TANK PRESSURE WELDED ATTACHING PARTS	1	278	
- 9	NAS679A4	• NUT	4	35	
- 10	AN960-416L	• WASHER	8	35	
- 11	AN4-7A	• ROLT	4	35	
- 12	460-630-24	• GASKET, <83259> 97-93503-005	1	35	
- 13	NAS479A3	• NUT	2	35	
- 14	AN960C10L	• WASHER	4	35	
- 15	AN3-5A	• BOLT	2	35	
- 16	8-27484-3	• ELBOW ASSY, FUEL TANK PRESSURE WELDED	1	35	
- 17		• TUBE ASSY, PURGE AIR SEE FIG. 2.10-31 INDEX 5	RF		
- 18	NAS595-24	• PACKING	1	35	
		• TUBE ASSY, FUEL TANK PRESSURE LH SEE FIG. 2.12-46 INDEX 5	RF		
- 19	MS21902D12	• UNION	1	35	
- 20	NAS617-12	• PACKING	1	35	
		• TUBE ASSY, FUEL TANK PRESSURE LH SEE FIG. 2.12-16 INDEX 10	RF		
- 21	8-27493-1	• ELBOW ASSY, FUEL TANK PRESSURE WELDED	1	35	
	NAS595-24	• PACKING	2	35	
- 22		• TUBE ASSY, FUEL TANK PRESSURE LH SEE FIG. 2.12-46 INDEX 13	RF		
- 23	8-28294	• TEE	1	35	
- 24	NAS595-24	• PACKING	1	35	
- 25	NAS595-20	• PACKING	3	35	
- 26	8-28296-3	• TUBE, FUEL TANK PRESSURE RH	1	35	
- 27	8-2A319	• SLEEVE	1	35	
- 28		• TUBE ASSY, FUEL TANK PRESSURE RH SEE FIG. 2.12-32 INDEX 92	RF		

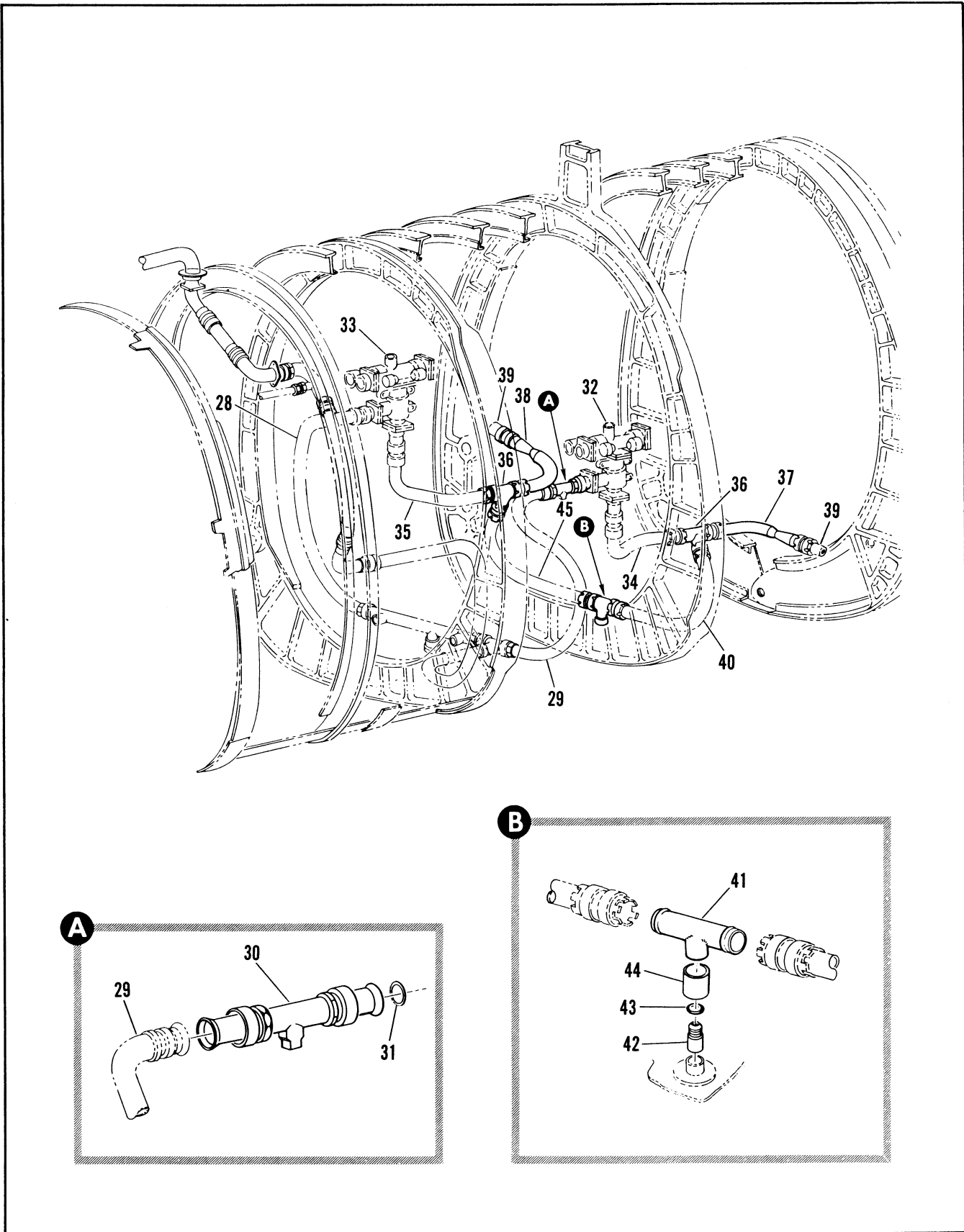


Figure 2.12-58. Fuel Tank Pressure Equipment Installation (Sheet 2 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-58- 29		• TUBE ASSY, FUEL TANK PRESSURE LH SEE FIG. 2.12-46 INDEX 17	RF		
- 30	8-28298	• TUBE ASSY, LH WELDED	1	35	
- 31	NAS595-20	• PACKING	1	35	
- 32		• REGULATOR ASSY, AIR PRESSURE TRANSFER TANK LH SEE FIG. 2.12-40 INDEX 96	RF		
- 33		• REGULATOR ASSY, AIR PRESSURE TRANSFER TANK RH SEE FIG. 2.12-38 INDEX 89	RF		
- 34		• TUBE ASSY, FUEL TANK PRESSURE LH SEE FIG. 2.12-46 INDEX 100	RF		
- 35		• TUBE ASSY, FUEL TANK PRESSURE RH SEE FIG. 2.12-32 INDEX 94	RF		
- 36	8-27496-5	• TEE, LH REPLACES NOT INTCHG WITH 8-27496-1	1	35	
	8-27496-1	• TEE, RH	1	35	
- 37	8-28359-3	• TUBE ASSY, PRESSURE INTAKE TANK LH	1	35	
- 38	8-28359-4	• TUBE ASSY, PRESSURE INTAKE TANK RH	1	35	
- 39		• TUBE ASSY, SEE FIG 2.12-35 INDEX 10	RF		
- 40		• TUBE ASSY, FUEL TANK PRESSURE LH SEE FIG. 2.12-46 INDEX 104	RF		
- 41	8-28295-1	• TUBE ASSY, REGULATOR CROSSOVER DRAIN WELDED	1	35	
- 42	P20-526	• VALVE ASSY, DRAIN AUTO	1	35	
- 43	NAS617-4	• PACKING	1	35	
- 44	8-28319	• SLEEVE	1	35	
- 45		• TUBE ASSY, FUEL TANK PRESSURE RH SEE FIG. 2.12-32 INDEX 101	RF		

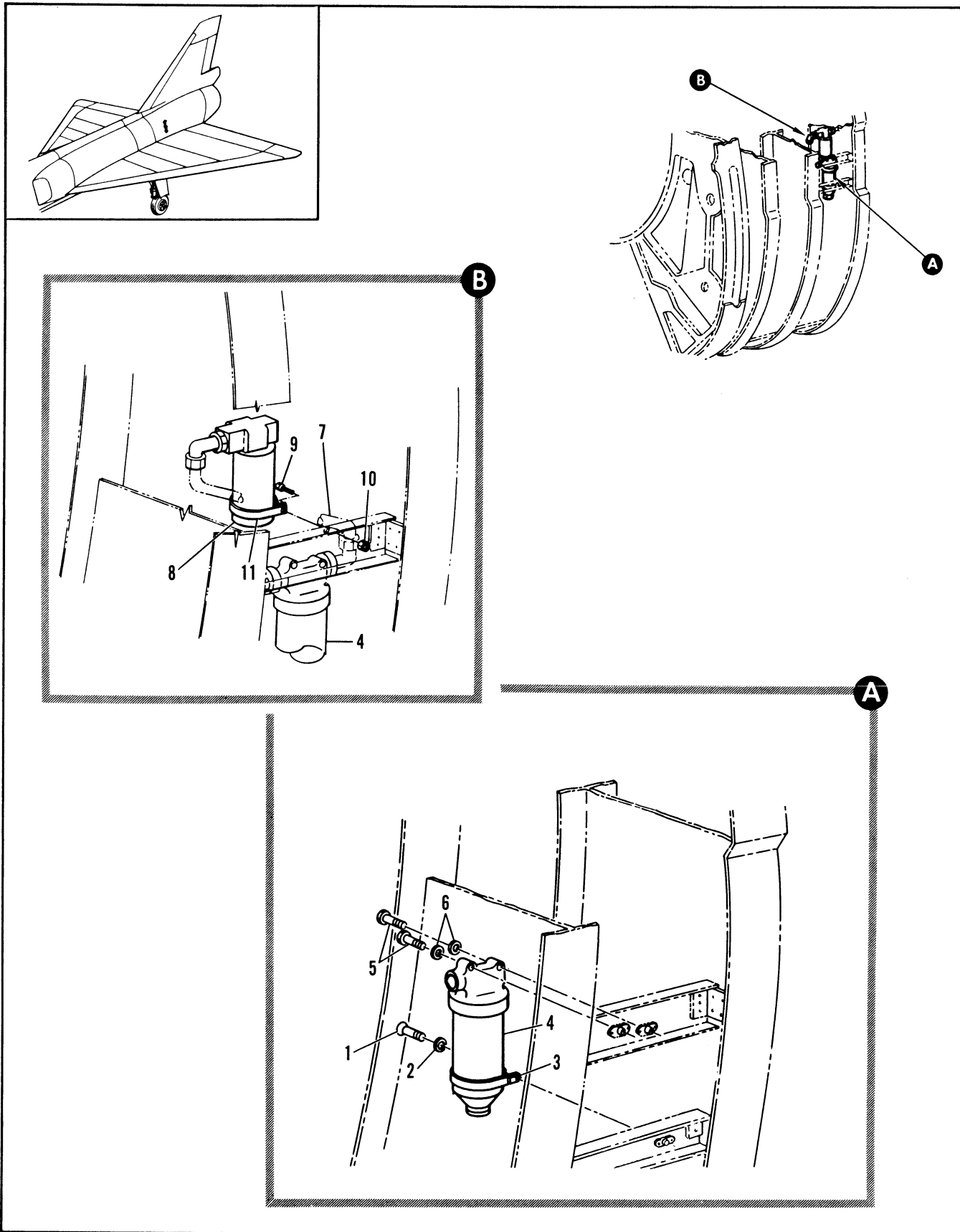


Figure 2.12-59. Fuel Tank Pressurization Air Filter Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-59	8-28261-3	FILTER INSTALLATION, FUEL TANK PRESSURIZATION AIR MODIFIED BY 8-61368 FOR NHA SEE FIG. 2.3-15	RF	35	
- 1	NAS221-6	• SCREW	1	35	
- 2	AN960D1JL	• WASHER	1	35	
- 3	MS21919H36	• CLAMP	1	35	
- 4	902200	• FILTER, HIGH TEMPERATURE AIR <96124> SPEC 8-00968-1 T.O. 9P6-2-6-3 ATTACHING PARTS	1	35	
- 5	AN4C14A	• BOLT	2	35	
- 6	AN960D416L	• WASHER	2	35	
- 7		-----X-----			
- 7		• TUBE ASSY, FUEL TANK PRESSURE SEE FIG. 2.12-46 INDEX 24	RF		
- 8	C195-01	• VALVE ASSY, AIR PRESSURE SHUTOFF <96138> SPEC 8-02985-1 T.O. 9P5-5-72-3 REPLACES SUITABLE SUP FOR C95-01 ATTACHING PARTS	1	35	
- 9	NAS501-4H12A	• BOLT	2	35	
- 10	NAS221-6	• SCREW	1	35	
- 11	MS21919H32	• CLAMP	1	35	

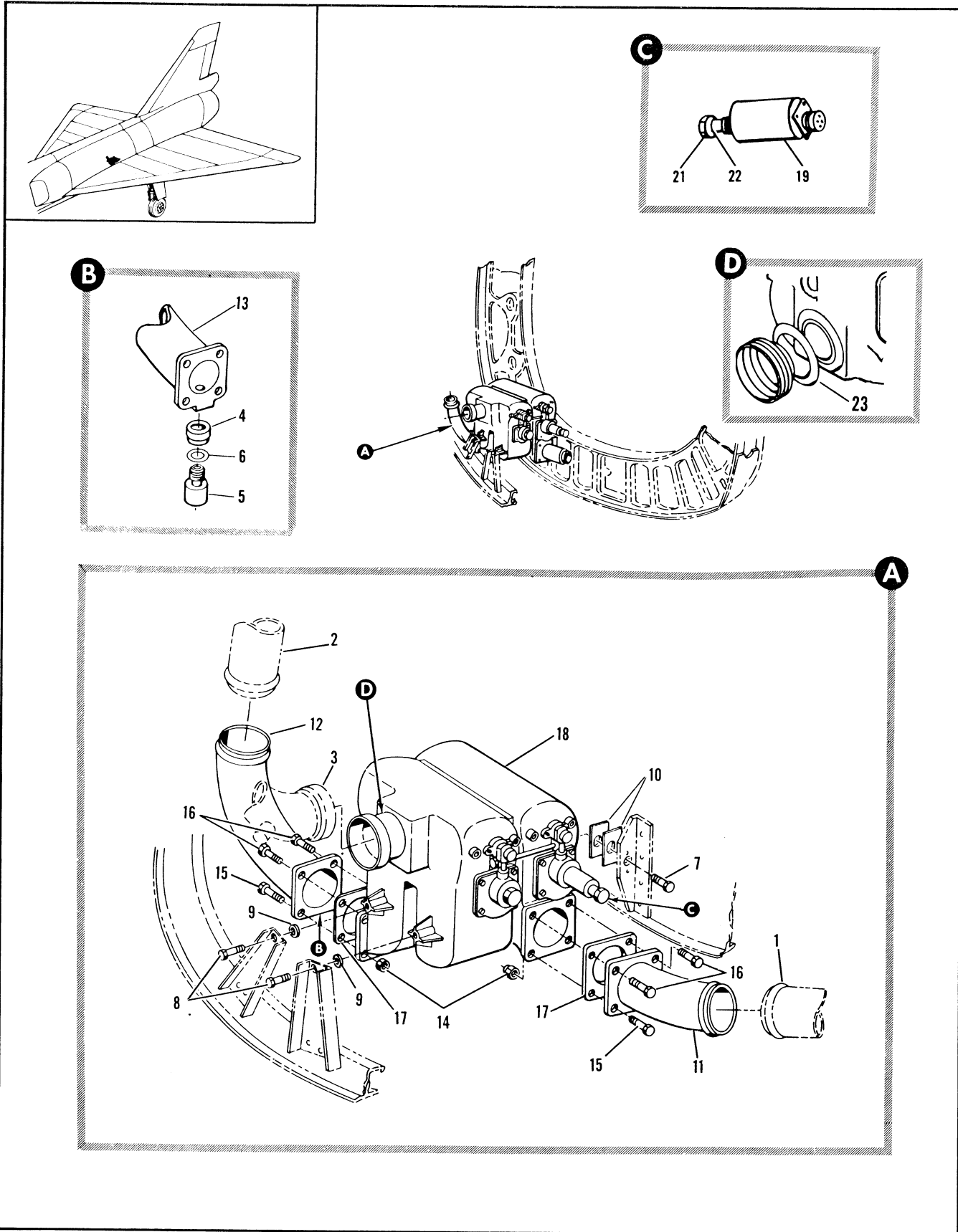


Figure 2.12-60. Fuel Flow Equalizer Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-60	9-27379-3	EQUALIZER INSTALLATION, FUEL FLOW FOR NHA SEE FIG. 2.3-3	RF	35	
- 1		• TUBE ASSY, SEE FIG. 2.12-65 INDEX 9	RF		
- 2		• TUBE ASSY, FUELAGE ENGINE SUPPLY SEE FIG. 2.12-18 INDEX 2	RF		
- 3		• TUBE ASSY, FLOW EQUALIZER OUTLET LOWER SEE FIG. 2.12-65 INDEX 12	RF		
- 4	8-28456	• SEAL	1	35	
- 5	160R	• COCK, DRAIN <91511> 92-12591-003	1	35	
- 6	MS29513-12	• PACKING	1	35	
	8-27379-11	EQUALIZER ASSY, FUEL FLOW	1	35	240
	8-27379-15	• EQUALIZER ASSY, FUEL FLOW ATTACHING PARTS	1	241	
- 7	AN4-6A	• BOLT	1	35	60
	NAS679A4	• NUT	1	61	
	AN960PD416	• WASHER	1	61	
	AN4-7A	• BOLT	1	61	
- 8	AN4H5A	• BOLT	2	35	
- 9	AN960PD416	• WASHER	2	35	
- 10	8-27379-13	• SHIM	2	61	
		-----X-----			
- 11	8-27462-1	• • TUBE ASSY, LH	1	35	277
	8-21834-37	• • TUBE ASSY, LH	1	278	
- 12	8-27463-3	• • TUBE ASSY, RH	1	35	60
		REPLACED BY NOT INTCHG WITH 8-27463-5			
- 13	8-27463-5	• • TUBE ASSY, RH	1	61	240
		REPLACES NOT INTCHG WITH 8-27463-3			
		REPLACED BY SUITABLE SUB 8-27463-801			
	8-27463-801	• • TUBE ASSY, RH	1	241	
		REPLACES SUITABLE SUB FOR 8-27463-5			
		ATTACHING PARTS			
- 14	NAS679A3	• • NUT	4	35	
- 15	AN4-6A	• • BOLT	4	35	
- 16	AN4H5A	• • BOLT	4	35	
		-----X-----			
- 17	J75356-4	• • GASKET, <83259> SPEC 8-02289-7	2	35	
- 18	93002	• • EQUALIZER ASSY, FUEL FLOW <98505> SPEC 8-02289 T.O. 6J15-3-14-13	1	35	
- 19	FP25	• • • SOLENOID, BY-PASS VALVE <98505>	2	35	
	MS29512-5	• • • PACKING	2	35	
- 20	89-41	• • KIT, FIELD REPAIR, EQUALIZER	RF	35	
- 21	MS29512-5	• • • PACKING, PREFORMED	2	35	
- 22	FP19	• • • SEAL, SOLENOID PLUNGER (BY-PASS VALVE)	2	35	
- 23	1SF5	• • • SEAL	2	35	

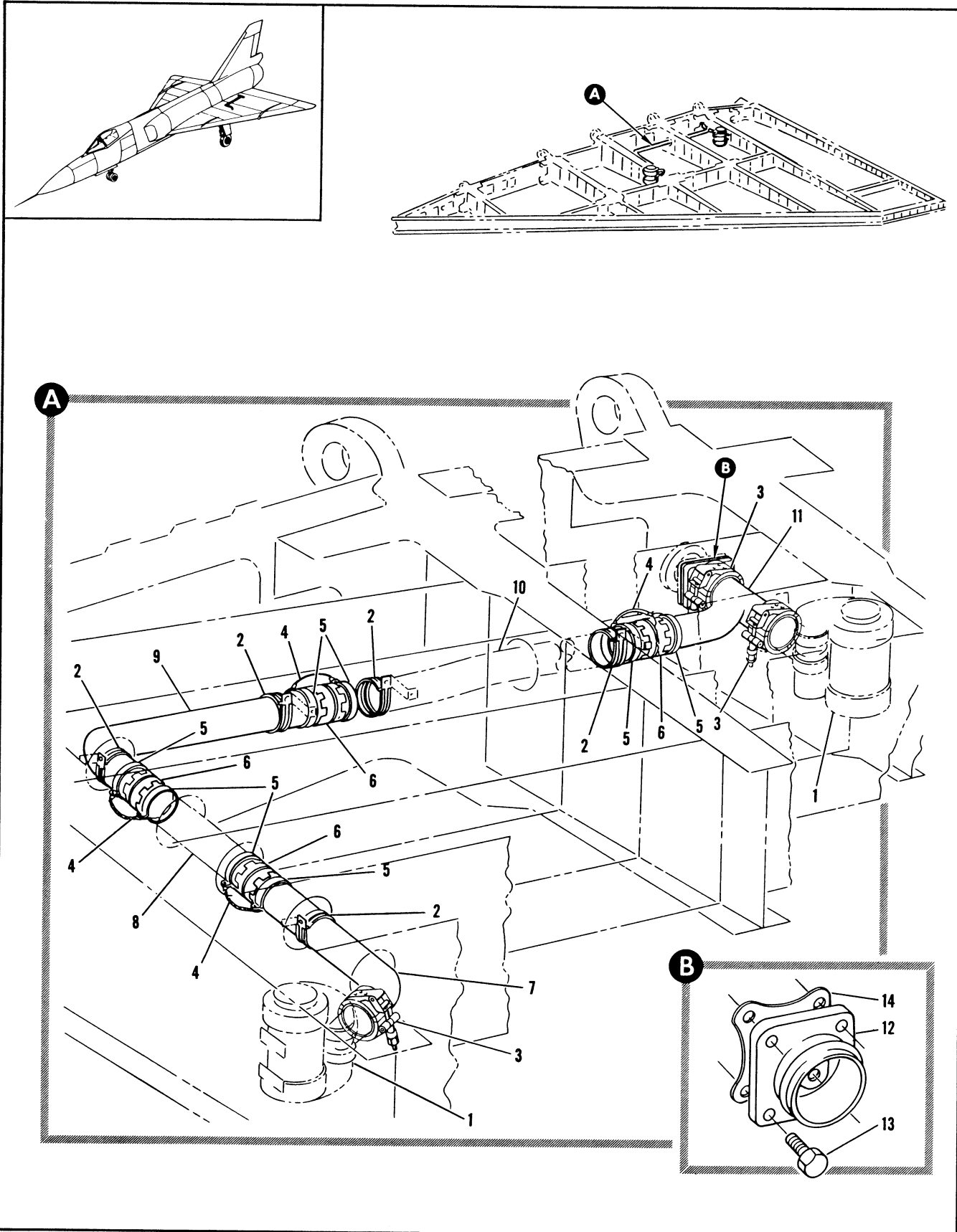


Figure 2.12-61. Engine Fuel Supply Wing Tubing Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-61	8-21540-1	TUBING INSTALLATION, ENGINE FUEL SUPPLY WING LH FOR NHA SEE FIG. 2.6-32	RF	35	
	8-21540-2	TUBING INSTALLATION, ENGINE FUEL SUPPLY WING RH FOR NHA SEE FIG. 2.6-32	RF	35	
- 1		• PUMP ASSY, FUEL BOOST SEE FIG. 2.12-1	RF		
- 2	91-98026-031	• CLAMP ATTACHING PARTS	5	35	
	AN520-10R8	• SCREW	5	35	
- 3	CF14-200	• COUPLING ASSY, <98625> 92-73008-006 REPLACED BY SUITABLE SUB 51500-2-200	3	35	60
	51500-2-200	• COUPLING ASSY, <98625> 92-73008-016 REPLACES SUITABLE SUB FOR CF14-200	3	61	
- 4	MS25083-1BB6	• JUMPER	4	35	277
	MS25083-1BB4	• JUMPER ATTACHING PARTS	4	278	
	NAS679A3	• NUT	8	35	
	AN960010L	• WASHER	8	278	
	AN520-10R8	• SCREW	8	35	277
	AN520-1032R6	• SCREW	8	278	
		-----X-----			
- 5	AN735032	• CLAMP	8	35	
- 6	3605-32D	• COUPLING ASSY, <79326> 92-72500-014	4	35	
	MS29513-32 ⁹	• PACKING	8	35	
- 7	8-21124-1	• TUBE ASSY, LH WELDED	1	35	
	8-21124-2	• TUBE ASSY, RH WELDED	1	35	
- 8		• TUBE ASSY, LH SEE FIG. 2.12-20 INDEX 9	RF		
- 9	8-21545	• ELBOW	1	35	
- 10		• TUBE ASSY, LH SEE FIG. 2.12-20 INDEX 13	RF		
- 11	8-21120	• TUBE ASSY, WELDED	1	35	
- 12	8-21119	• TUBE ASSY, WELDED ATTACHING PARTS	1	35	
- 13	AN5H6A	• BOLT	4	35	
		-----X-----			
- 14	875356-3	• GASKET, <83259> SPEC 8-02289-5	1	35	

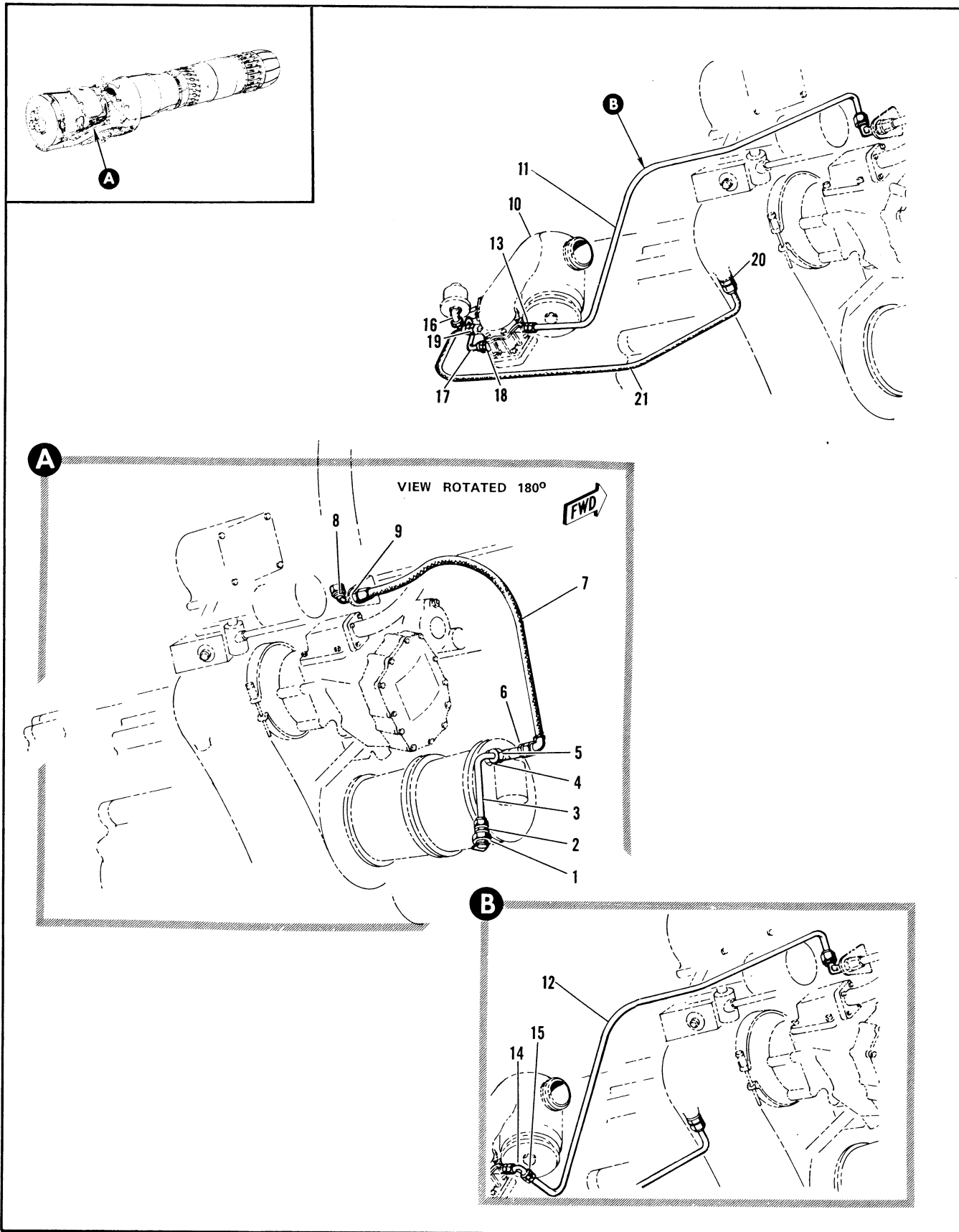


Figure 2.12-62. Engine Fuel Pressure Tubing Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-62	8-20397-835	TUBING INSTALLATION, ENGINE FUEL PRESSURE FOR NHA SEE FIG. 2.10-7	RF	35	
- 1	MS21914-4 *1	• CAP	1	35	
- 2	MS21902-4 *1	• UNION	1	35	
- 3	8-20397-1679 *1	• TUBE ASSY, ENGINE FUEL PRESSURE	1	35	
- 4	AN775-4 *1	• BOLT	1	35	
	AN901-4C *1	• GASKET	2	35	
- 5	FR776-4 *1	• ELBOW, <92003> 93-40013-004	1	35	
- 6	MS21902D4 *1	• UNION	1	35	
	MS29512-4 *1	• GASKET	1	35	
- 7	R9906S4-0256 *1	• HOSE ASSY, <50599> 94-80510-020	1	35	
- 8	MS21908-4 *1	• ELBOW	1	35	
- 9	AN924-4 *1	• NUT	1	35	
	AN960-716 *1	• WASHER	1	35	
- 10		• STRAINER, FUEL SEE FIG. 2.12-28 INDEX 28	RF		
- 11	8-20397-3015 *1	• TUBE ASSY, ENGINE FUEL PRESSURE	1	103	215
- 12	8-20397-2959 *1	• TUBE ASSY, ENGINE FUEL PRESSURE	1	A	
- 13	MS21902-4 *1	• UNION	1	103	215
	MS29512-4 *1	• GASKET	1	103	215
	AN814-4 *2	• PLUG	1	35	
	S9412-554 *2	• PACKING	1	35	
- 14	MS21907-4 *1	• ELBOW	1	A	
- 15	AN924-4 *1	• NUT	1	A	
	MS29512-4 *1	• GASKET	1	A	
- 16	MS21902-4 *1	• UNION	1	35	
	MS29512-4 *1	• GASKET	1	35	
- 17	BR9006A4-0096 *1	• HOSE ASSY, ENGINE FUEL PRESSURE	1	35	
- 18	6-28388-9 *1	• UNION, ENGINE PRESSURE LINE DRAIN RESTRICTOR	1	35	
- 19	MS21915D4-3 *1	• BUSHING	1	35	
	MS29512-4 *1	• GASKET	1	35	
	MS21902-4 *1	• UNION	1	35	
- 20	MS21903-4 *1	• UNION	1	35	
	MS29512-4 *1	• GASKET	1	35	
- 21	R9844CC4 *1	• HOSE ASSY, <50599>	1	35	
	0260-0				
A AIRPLANES #35 THRU 102, 216 AND ON					
*1 REMOVED PER TCTO 1F-106-1110					
*2 ADDED PER TCTO 1F-106-1110					

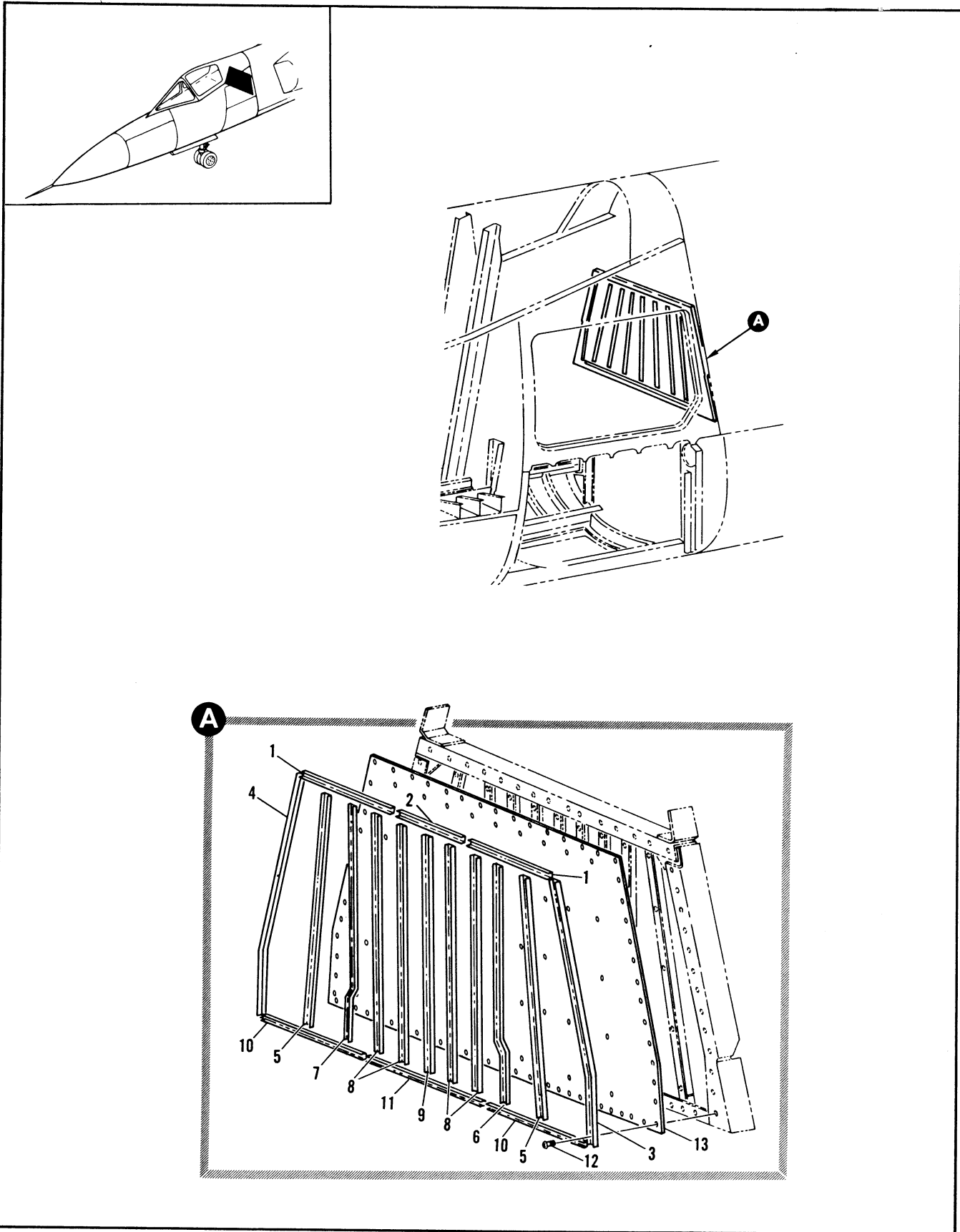


Figure 2.12-63. Fuselage Fuel Tank Fume Barrier Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-63	8-74907-1	BARRIER INSTALLATION, FUSELAGE FUEL TANK FUME FOR NHA SEE FIG. 2.3-9	RF	35	
- 1	8-74907-107	• RETAINER	2	35	
- 2	8-74907-105	• RETAINER	1	35	
- 3	8-74907-51	• RETAINER, LH	1	35	
- 4	8-74907-52	• RETAINER, RH	1	35	
- 5	8-74907-61	• RETAINER	2	35	
- 6	8-74907-101	• RETAINER, LH	1	35	
- 7	8-74907-102	• RETAINER, RH	1	35	
- 8	8-74907-57	• RETAINER	4	35	
- 9	8-74907-85	• RETAINER	1	35	
- 10	8-74907-83	• RETAINER	2	35	
- 11	8-74907-81	• RETAINER	1	35	
		ATTACHING PARTS			
- 12	AN515-6R5	• SCREW ----X----	AR	35	
- 13	8-74907-7	• SEAL	1	35	

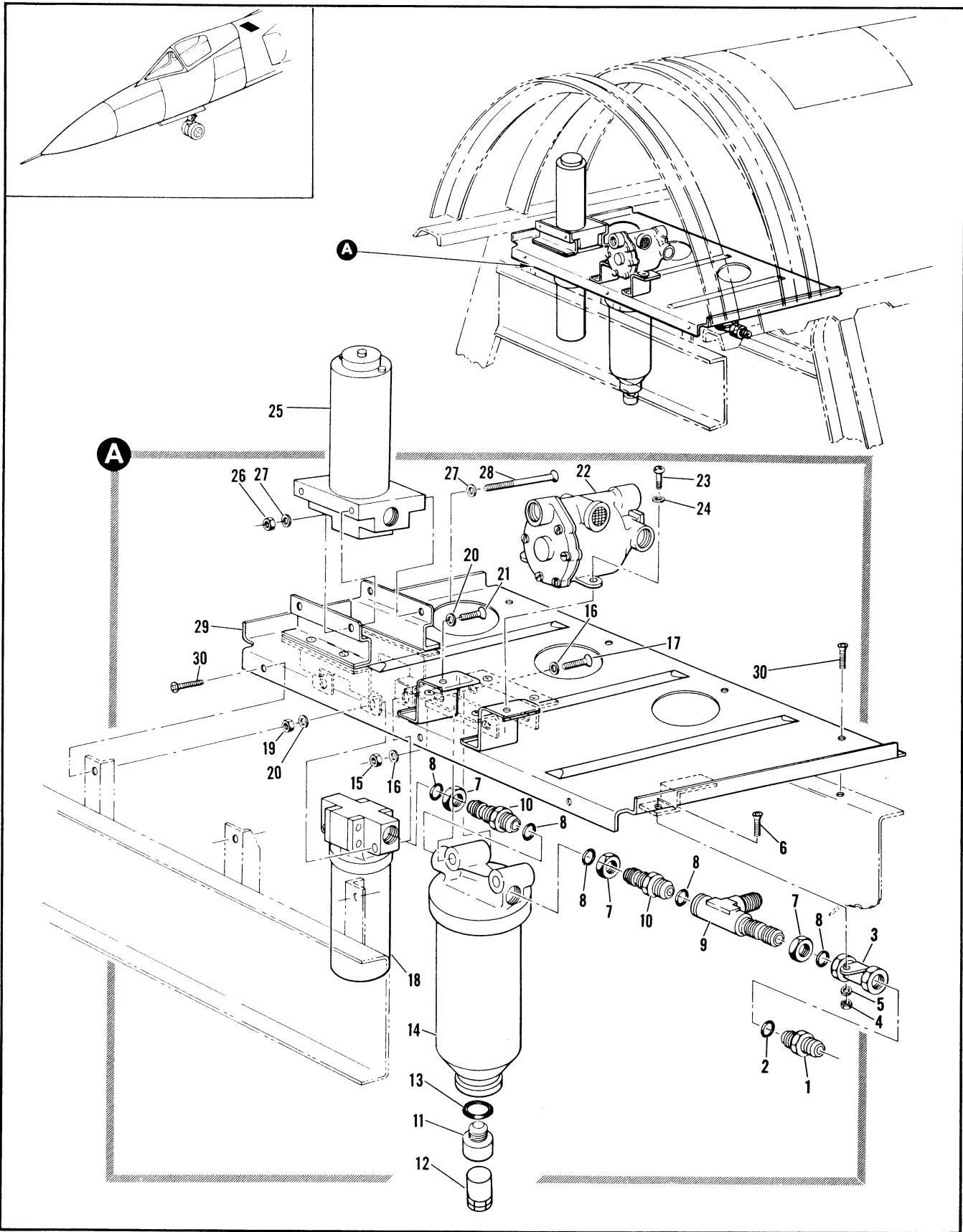


Figure 2.12-64. Air Shutoff Valve and Filter Panel Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-64	B-28290	PANEL INSTALLATION, AIR SHUTOFF VALVE AND FILTER MODIFIED BY 8-61368 FOR NHA SEE FIG. 2.3-10	RF	35	
- 1	MS21902D6	• UNION	1	35	
- 2	NAS617-6	• PACKING	1	35	
- 3	W535-3/8E	• VALVE ASSY, AIR CHECK <96138> SPEC 8-02998-9	1	35	
	W535-3/8F	• VALVE ASSY, AIR CHECK <96138> SPEC 8-02998-13 ALTERNATE PART FOR W535-3/8E ATTACHING PARTS	RF	35	
- 4	NAS679A3	• NUT	1	35	
- 5	AN960PD10	• WASHER	1	35	
- 6	AN520-10R10	• SCREW	1	35	
		----X----			
- 7	AN924-6D	• NUT	3	35	
- 8	NAS617-6	• PACKING	3	35	
- 9	MS21911D6	• TEE	1	35	
- 10	MS21903D6	• UNION	2	35	
- 11	150B	• VALVE ASSY, DRAIN <91511> 92-12501-002	1	35	159
- 12		• UNION, RESTRICTOR SEE FIG. 2.12-46 INDEX 169	RF		
- 13	NAS617-6	• PACKING	1	35	159
- 14	902200	• FILTER, AIR <96124> SPEC 8-00968-1 T.O. 9P6-2-6-3 ATTACHING PARTS	1	35	
- 15	NAS679A4	• NUT	2	35	
- 16	AN960PD416	• WASHER	4	35	
- 17	AN520-416R20	• SCREW	2	35	
		----X----			
- 18	C195-01	• VALVE ASSY, AIR PRESSURE SHUTOFF <96138> SPEC 8-02995-1 T.O. 9P5-5-72-3 ATTACHING PARTS	1	35	
- 19	NAS679A4	• NUT	2	35	
- 20	AN960PD416	• WASHER	4	35	
- 21	AN520-416R22	• SCREW	2	35	
		----X----			
- 22	GV310-110	• VALVE ASSY, AIR SHUTOFF <84987> SPEC 8-00258-3 T.O. 9P5-5-74-3 ATTACHING PARTS	1	35	
- 23	NAS221-6	• SCREW	2	35	
- 24	AN960D10L	• WASHER	2	35	
		----X----			
- 25	V21100	• VALVE, <96487> SPEC 8-00381-7 T.O. 6J15-10-107-3 ATTACHING PARTS	1	35	
- 26	NAS679A3	• NUT	2	35	
- 27	AN960PD10	• WASHER	4	35	
- 28	NAS221-37	• SCREW	2	35	
		----X----			
- 29	B-28290-33	• PANEL ASSY, AIR SHUTOFF VALVE RIVETED ATTACHING PARTS	1	35	
- 30	AN520-10R7	• SCREW	7	35	
		----X----			

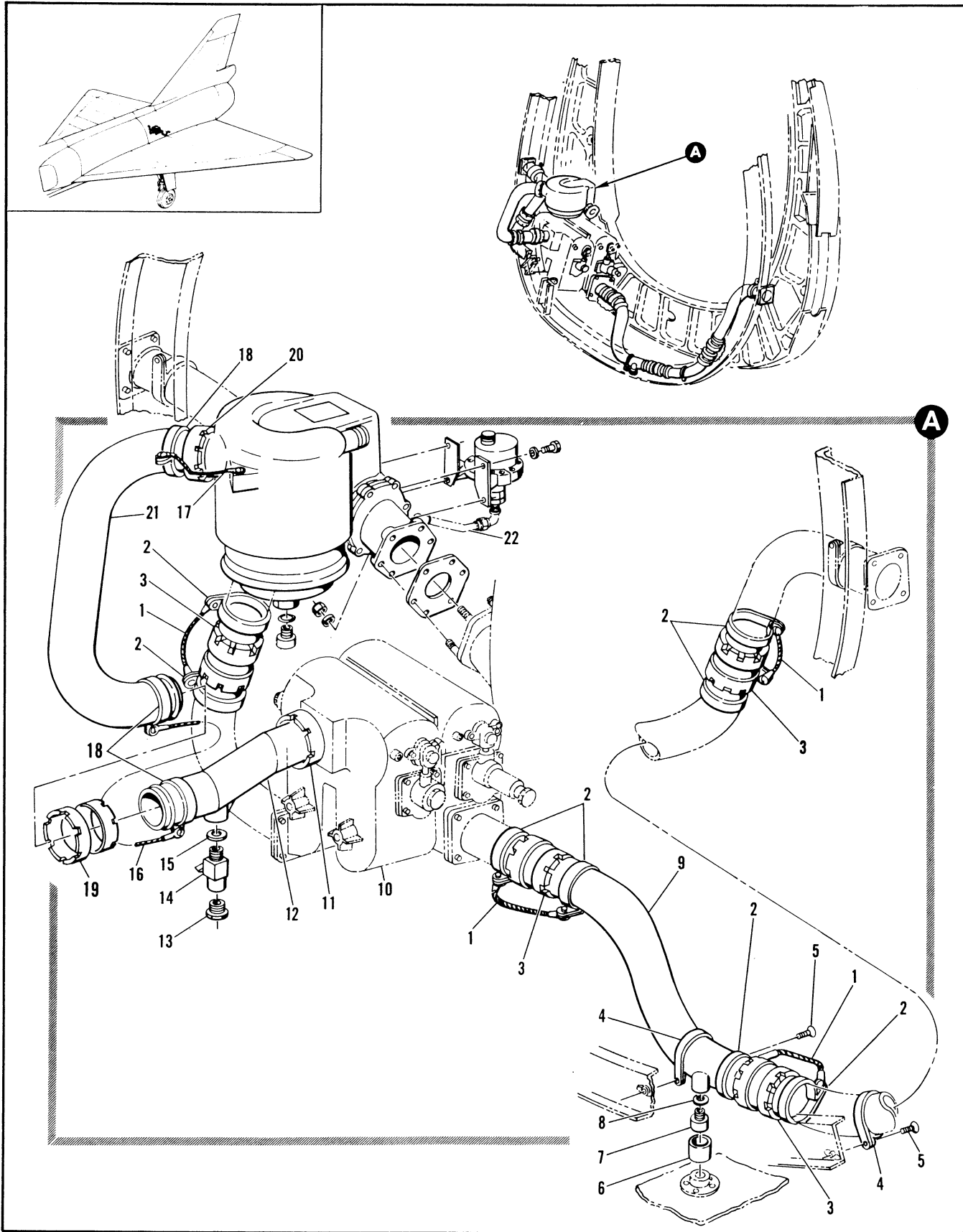


Figure 2.12-65. Engine Fuel Supply Tubing and Strainer (Sheet 1 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE		
				FROM	TO	
2.12-65	8-27449-3	ENGINE FUEL SUPPLY TUBING AND STRAINER • TUBING INSTL, ENGINE FUEL SUPPLY FOR NHA SEE FIG. 2.3-15	RF	35	102	
	8-27449-5	• TUBING INSTL, ENGINE FUEL SUPPLY FOR NHA SEE FIG. 2.3-15	RF	103		
	- 1	MS25083-18B6 NAS679A3	• • JUMPER • • NUT	4 8	35 35	
	- 2	AN520-10R8	• • SCREW	8	35	
	- 3	AN742D32 3605-32D	• • CLAMP • • COUPLING, <79326> 92-72500-202	9 4	35 35	
	- 4	MS29513-329 MS21919DF32	• • PACKING • • CLAMP	8 2	35 35	38
	- 5	91-98026-031	• • CLAMP	2	35	
	- 6	AN520-10R8	• • SCREW	2	35	
	- 7	8-27490-7 160B	• • SLFVEE • • COCK, DRAIN <91511> 92-12501-003	1 1	35 103	102
	- 8	140B	• • COCK, DRAIN <91511> 92-12501-001	1	35	
	- 9	MS29513-12 8-27464-5	• • PACKING • • TUBE ASSY, FUSELAGE ENGINE SUPPLY WELDED REPLACED BY SUITABLE SUB 8-27464-801	1 1	35 35	60
		8-27464-801	• • TUBE ASSY, FUSELAGE ENGINE SUPPLY WELDED REPLACES SUITABLE SUB FOR 8-27464-5	1	61	240
		8-27464-803	• • TUBE ASSY, FUSELAGE ENGINE SUPPLY WELDED REPLACED BY SUITABLE SUB 8-27464-805	RF	61	240
		8-27464-805	• • TUBE ASSY, FUSELAGE ENGINE SUPPLY WELDED ALT INTCHG WITH 8-27464-801	1	241	
	- 10		• • TUBE ASSY, FUSELAGE ENGINE SUPPLY WELDED REPLACES SUITABLE SUB FOR 8-27464-801	RF		
	- 11	3655-40D	• • EQUALIZER ASSY, FUEL FLOW SEE FIG. 2.12-60 INDEX 18	1	35	
	- 12	MS29513-333 8-28459-801	• • COUPLING, <79326> 92-72501-010 • • PACKING • • TUBE ASSY, FLOW EQUALIZER OUTLET LOWER WELDED	1 1 1	35 35 35	
	- 13	AN806D16	• • PLUG	1	35	
	- 14	35251-3	• • COCK, DRAIN <81413> 92-13000-003 T.O. 6J1F-4-25-13	1	35	
	- 15	MS29513-217	• • PACKING	1	35	
	- 16	MS25083-18B6	• • JUMPER	1	35	
	- 17	MS25083-18B2 NAS679A3	• • JUMPER • • NUT	4 4	35 35	
- 18	AN520-10R8	• • SCREW	4	35		
- 19	AN735D40 3605-40D	• • CLAMP • • COUPLING, <79326> 92-72500-015	3 1	35 35		
- 20	MS29513-333 3655-40D	• • PACKING • • COUPLING 79326 92-72501-010	2 1	35 35		
- 21	MS29513-333 8-09939-5	• • PACKING • • TUBE ASSY, FLOW EQUALIZER OUTLET UPPER SPEC 8-09939-5	1 RF	35 35		
- 22	8-09939-5	• • TUBE ASSY, FLOW EQUALIZER OUTLET UPPER SPEC 8-09939-5 • • TUBE ASSY, SEE FIG. 2.12-62 INDEX 17	RF			

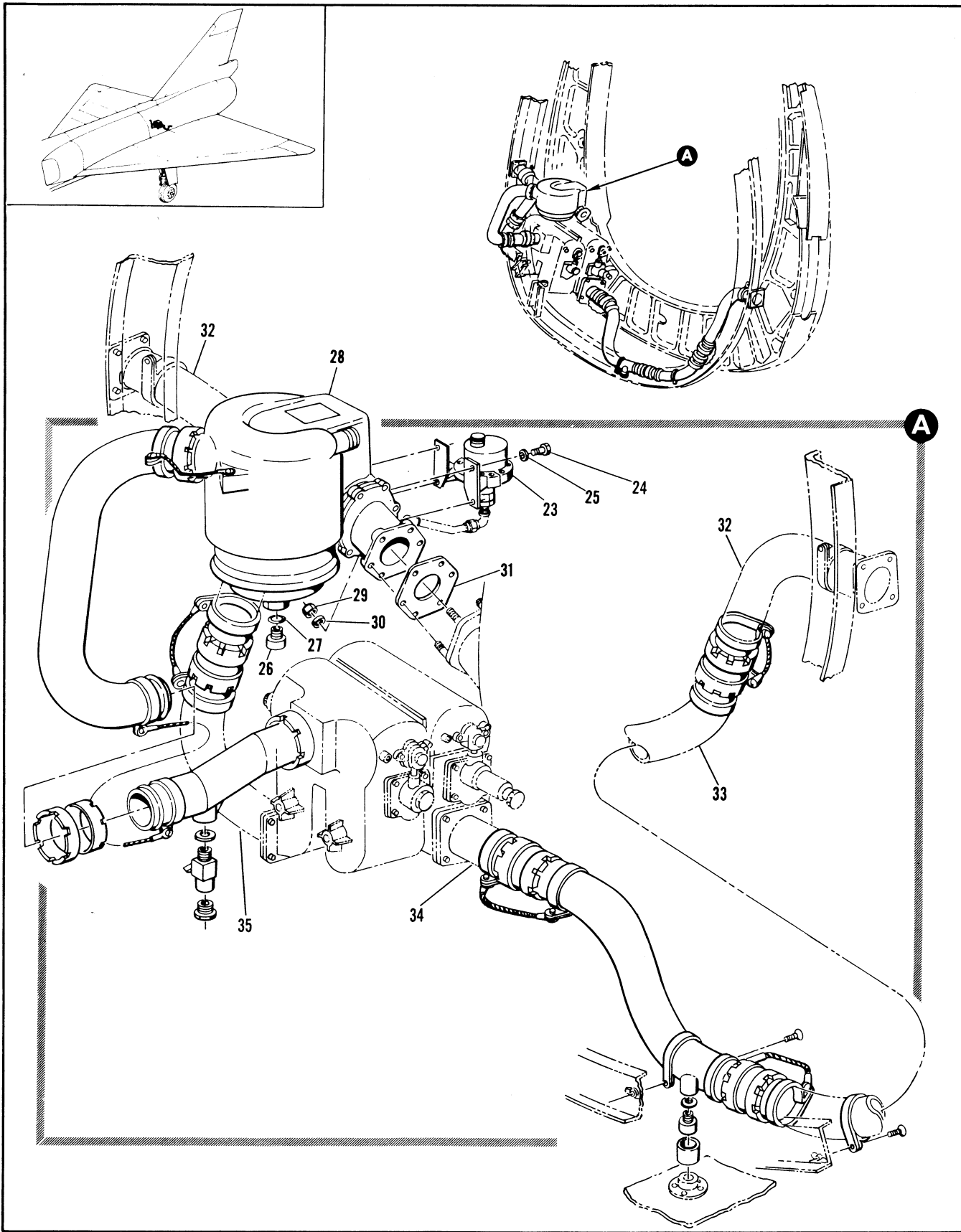


Figure 2.12-65. Engine Fuel Supply Tubing and Strainer (Sheet 2 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-65	8-27449-833	• STRAINER INSTL. ENGINE FUEL SUPPLY	RF	35	
- 23	M9395-83-81	• SWITCH ACTIVATED (81349) SPEC 98-62805 -001, MIL-S-9395-3 ATTACHING PARTS	1	35	
- 24	AN3H4 A	• BOLT	4	35	
- 25	AN960-10L	• WASHER	4	35	
		-----X-----			
- 26	150B	• COCK, DRAIN <91511> 92-12501-002	1	35	
- 27	MS29512-6	• GASKET	1	35	
- 28	9-1041655	• STRAINER, FUEL <75361> SPEC 8-09941-3 T.O. 6J5-48-4	1	35	193
	9-104175	• STRAINER, FUEL <75361> SPEC 8-09941-5 T.O. 6J5-48-4	1	194	
- 29	NAS679A5	• NUT	6	35	
- 30	AN960-516L	• WASHER	6	35	
- 31	460-015-40	• SEAL, <83259> 97-93503-336	1	35	
- 32	R-27460	• TUBE ASSY, LH WELDED REPLACED BY SUITABLE SUB 8-27460-1	1	35	240
	R-27460-1	• TUBE ASSY, LH WELDED REPLACES SUITABLE SUB FOR R-27460	1	241	
	R-27461	• TUBE ASSY, RH WELDED REPLACED BY INTCHG WITH R-28486-1	1	35	60
	R-28486-1	• TUBE ASSY, RH WELDED REPLACES NOT INTCHG WITH R-27461 REPLACED BY SUITABLE SUB R-28486-3	1	61	240
	R-28486-3	• TUBE ASSY, RH WELDED REPLACES SUITABLE SUB FOR R-28486-1	1	241	
- 33	R-28397-256	• TUBE ASSY, ENGINE FUEL SUPPLY	1	35	60
	R-28397-2925	• TUBE ASSY, ENGINE FUEL SUPPLY	1	61	240
- 34		• TUBE ASSY, ENGINE FUEL SUPPLY LH SEE FIG. 2.12-60 INDEX 11	RF		
- 35		• TUBE ASSY, ENGINE FUEL SUPPLY RH SEE FIG. 2.12-60 INDEX 12	RF		

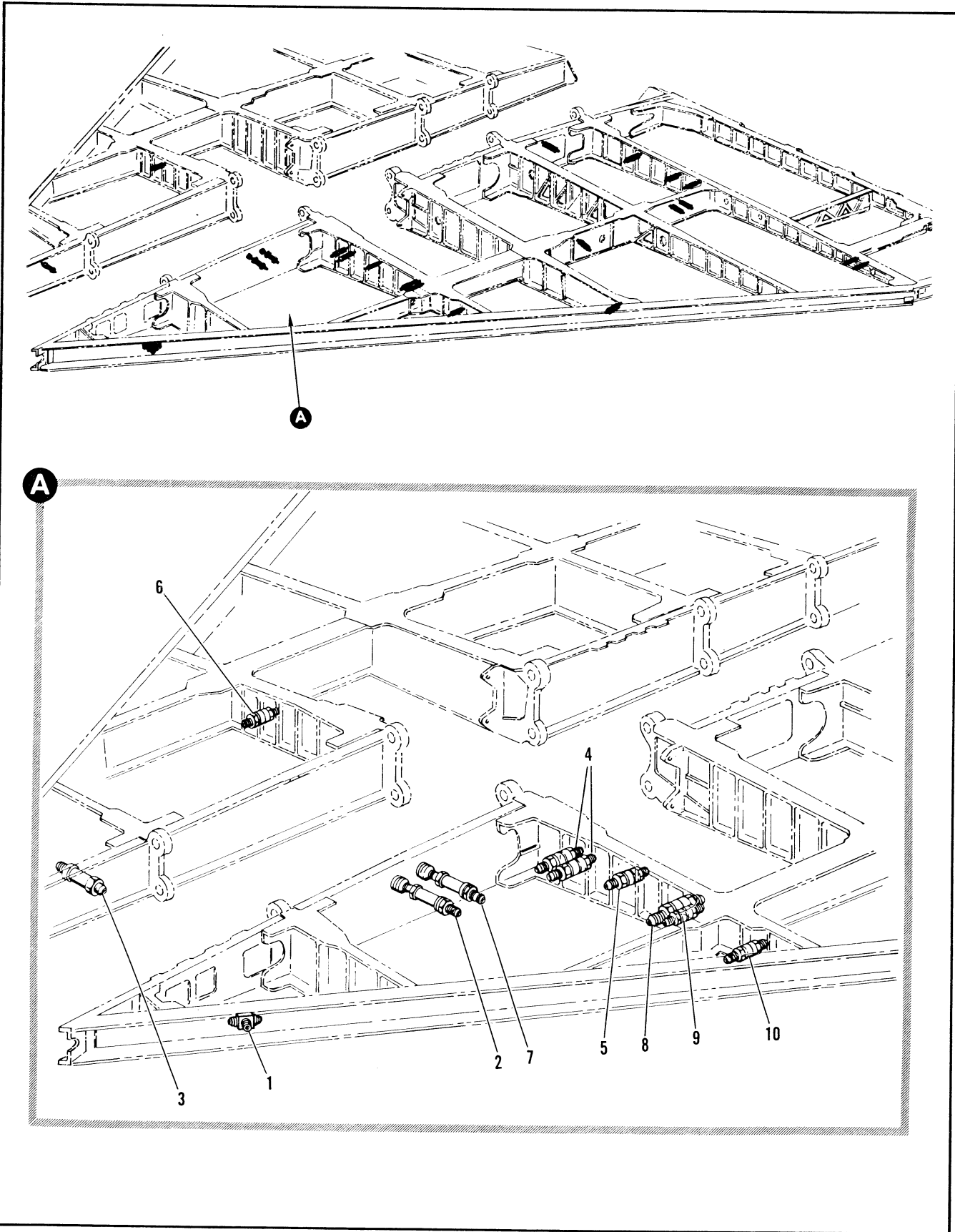


Figure 2.12-66. Wing Fuel Fitting (Sheet 1 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-66	8-21279-5	WING FUEL FITTINGS • FITTING INSTALLATION, WING FUEL TUBING LH FOR NHA SEE FIG. 2.6-32	RF 35	159	
	8-21279-811	• FITTING INSTALLATION, WING FUEL TUBING LH FOR NHA SEE FIG. 2.6-32	RF 160		
	8-21279-801	• FITTING INSTALLATION, WING FUEL TUBING RH FOR NHA SEE FIG. 2.6-32	RF 35	159	
	8-21279-813	• FITTING INSTALLATION, WING FUEL TUBING RH FOR NHA SEE FIG. 2.6-32	RF 160	188	
	8-21279-819	• FITTING INSTALLATION, WING FUEL TUBING RH FOR NHA SEE FIG. 2.6-32	RF 189		
- 1	8-21568	• • CONNECTOR, TANK #1 VENT VALVE STA 13R	1	35	
	AN924-40	• • NUT	1	35	
	AN9600716	• • WASHER	1	35	
	8-21311-7	• • WASHER	2	35	
	MS29512-5	• • GASKET	2	35	
- 2	8-21260-7	• • FITTING, STA 380	1	35	
	AN924-60	• • NUT	1	35	
	AN9600916	• • WASHER	1	35	
	8-21311-9	• • WASHER	1	35	
	MS29513-15	• • GASKET	2	35	
- 3	8-21260-9	• • FITTING, STA 354 RH	1	189	
	AN924-60	• • NUT, RH	1	189	
	AN9600916	• • WASHER, RH	1	89	
	8-21311-19	• • WASHER, RH	1	189	
	MS29513-15	• • GASKET, RH	2	189	
- 4	8-21307-7	• • UNION, BL 43 44 AND 59	3	35	
	AN924-40	• • NUT	3	35	
	AN9600716	• • WASHER	3	35	
	8-21311-7	• • WASHER	6	35	
	MS29512-5	• • GASKET	6	35	
- 5	8-21307-15	• • UNION, BL 58	1	160	
	AN924-60	• • NUT	1	160	
	AN9600916	• • WASHER	1	160	
	8-21311-19	• • WASHER	2	160	
	MS29513-15	• • GASKET	2	160	
- 6	8-20307-27	• • UNION, BL 61 RH	1	35	
	AN924-40	• • NUT, RH	1	35	
	AN9600716	• • WASHER, RH	2	35	
	8-21311-7	• • WASHER, RH	2	35	
	MS29512-5	• • GASKET, RH	2	35	
- 7	8-21260-9	• • FITTING, STA 381	1	35	159
	AN924-60	• • NUT	1	35	159
	AN9600916	• • WASHER	1	35	159
	8-21311-19	• • WASHER	1	35	159
	MS29513-15	• • GASKET	2	35	159
- 8	8-20307-13	• • UNION, BL 66	1	35	
	AN924-160	• • NUT	1	35	
	AN96002116	• • WASHER	1	35	
	8-21311-11	• • WASHER	2	35	
	MS29513-125	• • GASKET	2	35	
- 9	8-20307-27	• • UNION, BL 68	1	35	159
	AN924-40	• • NUT	1	35	159
	AN9600716	• • WASHER	1	35	159
	8-21311-7	• • WASHER	2	35	159
	MS29512-5	• • GASKET	2	35	159

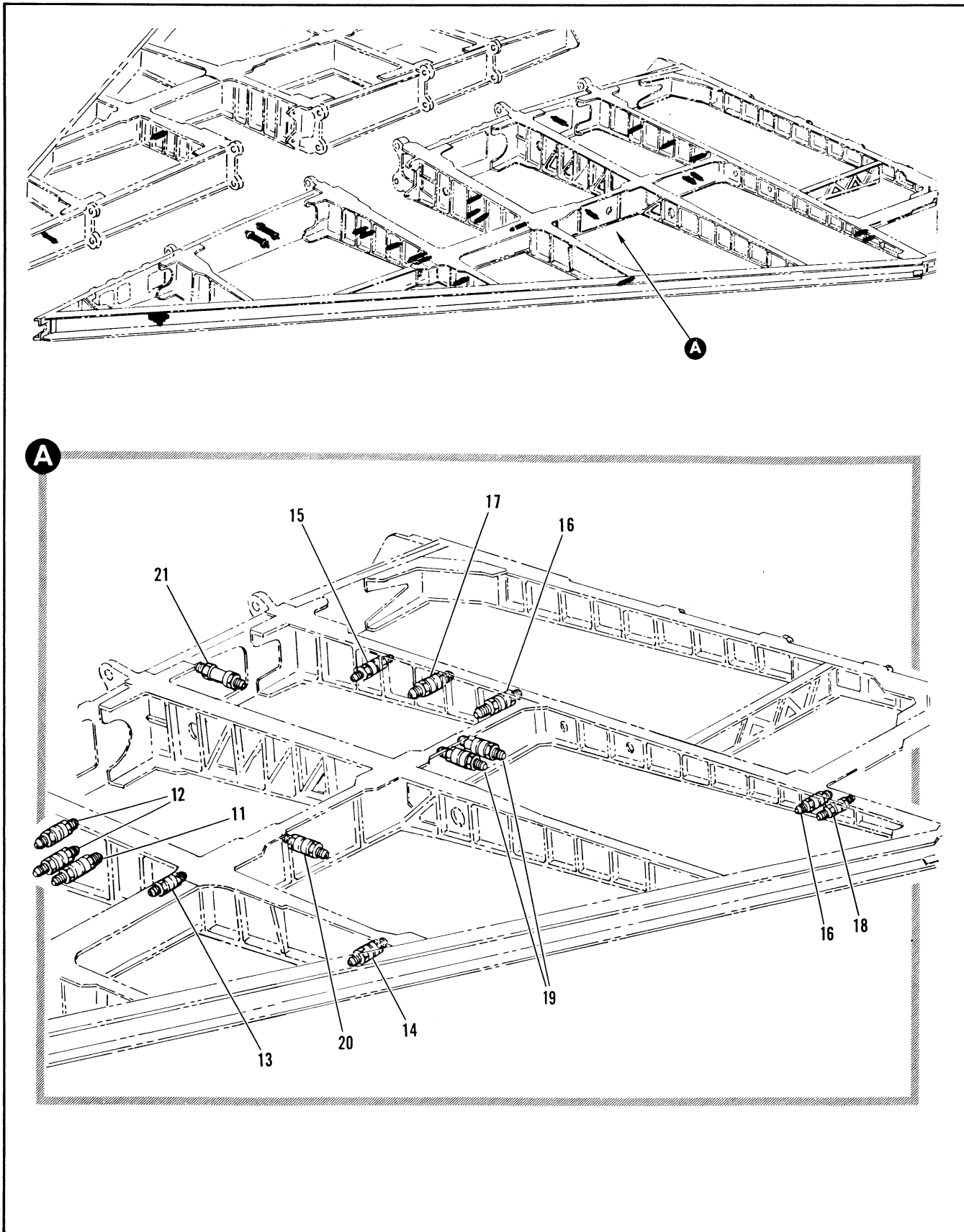


Figure 2.12-66. Wing Fuel Fitting (Sheet 2 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-66- 10	8-20307-33	• • UNION, BL 93 REPLACES SUITABLE SUB FOR 8-20307-11 REPLACED BY SUITABLE SUB 8-20307-37	1	A	
	8-20307-37	• • UNION, PL 93 REPLACES SUITABLE SUB FOR 8-20307-33	1	B	
	AN924-40	• • NUT	1	35	159
	AN9600716	• • WASHER	1	35	159
	8-21311-7	• • WASHER	2	35	159
	MS29512-5	• • GASKET	2	35	159
- 11	8-20307-9	• • UNION, PL 68	1	35	
	AN924-40	• • NUT	1	35	
	AN9600716	• • WASHER	1	35	
	8-21311-7	• • WASHER	2	35	
	MS29512-5	• • GASKET	2	35	
- 12	8-20307-7	• • UNION, BL 66 AND 68	2	35	
	AN924-40	• • NUT	2	35	
	AN9600716	• • WASHER	2	35	
	8-21311-7	• • WASHER	4	35	
	MS29512-5	• • GASKET	4	35	
- 13	8-20307-19	• • UNION, BL 89 REPLACED BY SUITABLE SUB 8-20307-35	1	35	43
	AN924-40	• • NUT	1	35	
	AN9600716	• • WASHER	1	35	
	8-21311-7	• • WASHER	2	35	
	MS29512-5	• • GASKET	2	35	
- 14	8-20307-21	• • UNION, BL 129	1	35	
	AN924-60	• • NUT	1	35	
	AN9600916	• • WASHER	1	35	
	8-21311-19	• • WASHER	2	35	
	MS29513-15	• • GASKET	2	35	
- 15	8-20307-31	• • UNION, BL 48	1	160	
	AN924-60	• • NUT	1	160	
	AN9600916	• • WASHER	1	160	
	8-21311-19	• • WASHER	2	160	
	MS29513-15	• • GASKET	2	160	
- 16	8-20307-25	• • UNION, BL 80 AND 142	2	35	159
	AN924-40	• • NUT	2	35	159
	AN9600716	• • WASHER	2	35	159
	8-21311-7	• • WASHER	4	35	159
	MS29512-5	• • GASKET	4	35	159
- 17	8-20307-29	• • UNION, BL 56	1	35	159
	AN924-80	• • NUT	1	35	159
	AN9601216	• • WASHER	1	35	159
	8-21311-23	• • WASHER	2	35	159
	MS29513-116	• • GASKET	2	35	159
- 18	8-20307-31	• • UNION, PL 143	1	35	159
	AN924-60	• • NUT	1	35	159
	AN9600916	• • WASHER	1	35	159
	8-21311-7	• • WASHER	2	35	159
	MS29513-15	• • GASKET	2	35	159
- 19	8-20307-17	• • UNION, STA 534 AND 540	2	35	159
	AN924-40	• • NUT	2	35	159
	AN9600716	• • WASHER	2	35	159
	8-21311-7	• • WASHER	4	35	159
	MS29512-5	• • GASKET	4	35	159
	AN9600916	• • WASHER	1	160	
	8-21311-19	• • WASHER	1	160	
	MS29513-15	• • GASKET	2	160	
- 20	8-21260-13	• • FITTING, STA 535	1	160	

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-66- 21	8-20337-23	• • UNION, STA 492	1	35	
	AN924-160	• • NUT	1	35	
	8-21311-11	• • WASHER	2	35	
	MS29513-125	• • GASKET	2	35	
	8-21611-1	• FITTING INSTALLATION, LH FOR NHA SEE FIG. 2-6-32	RF	160	
	8-21611-2	• FITTING INSTALLATION, RH FOR NHA SEE FIG. 2-6-32	RF	160	
	AN924-60	• • NUT	1	160	
	AN960D916	• • WASHER	1	160	
	8-21311-19	• • WASHER	1	160	
	MS29513-15	• • GASKET	2	160	
- 22	8-21260-13	• • FITTING, STA 535	1	160	
		A AIRPLANES #44 THRU 47, 49 THRU THRU 60			
		B AIRPLANES #48 61 AND ON			

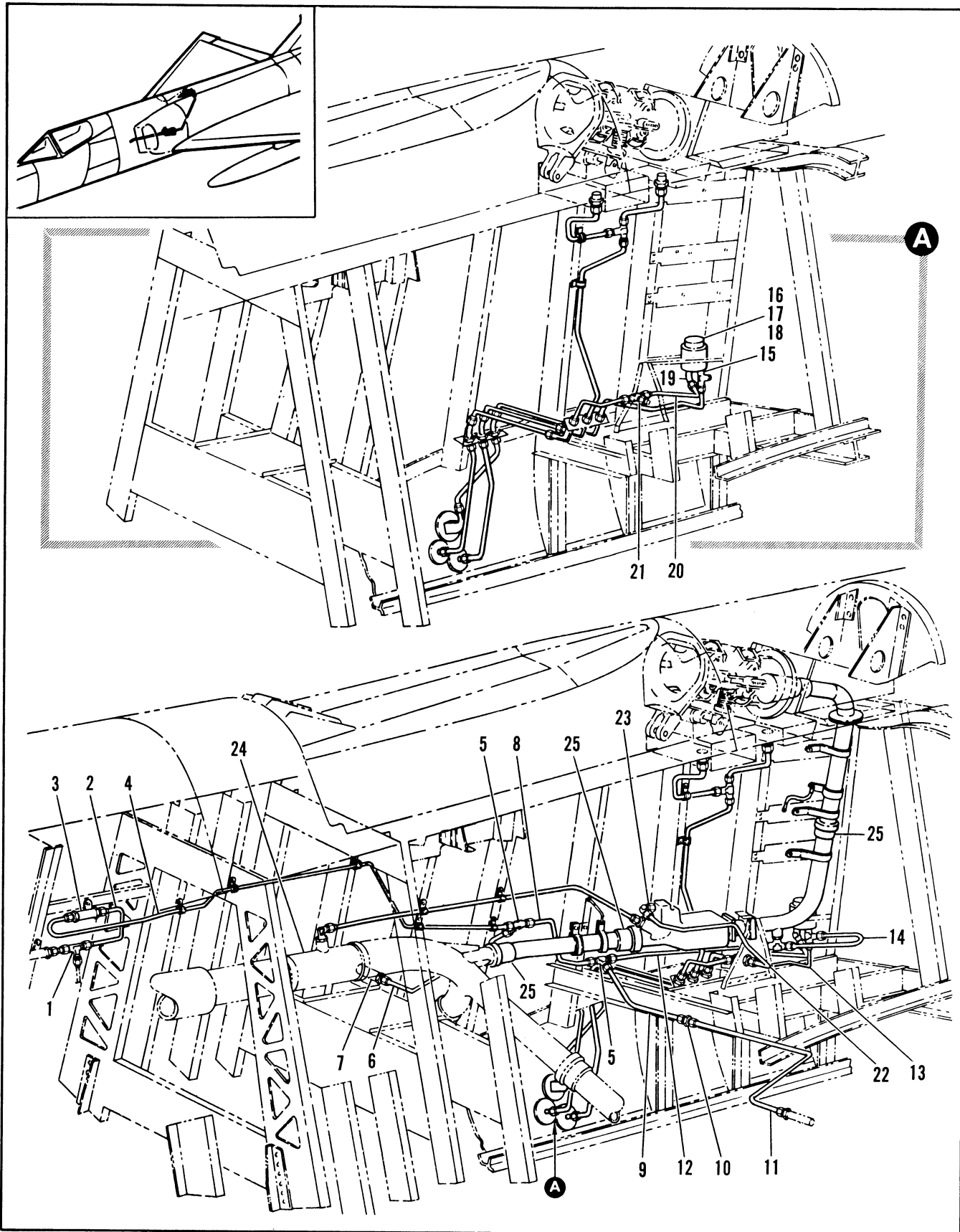


Figure 2.12-67. Aerial Refueling Fuel Tank Pressure Tubing Installation (Sheet 1 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-67		TUBING INSTL, AERIAL REFUELING SYSTEM (66J40337-1 AND 66J40340)	RF	90	
		TUBING INSTL, AERIAL REFUELING SYSTEM (66J40337-3 AND 66J40340)	RF	35	89
- 1		• TEE, SEE FIG. 2.12-45 INDEX 110	RF	35	
- 2	66A40329-1	• TUBE ASSY	1	35	
- 3	W535-3/8F	• VALVE AIR CHECK (96130) SPEC 8-02998-13	1	35	
	MS29512-6	• GASKET	2	35	
	MS21916D6-4	• REDUCER	2	35	
- 4	66A40331-1	• TUBE ASSY	1	35	
- 5	MS21905D4	• TEE	2	35	
- 6	66A40332-1	• TUBE ASSY	1	35	
- 7		• FITTING, SEE FIG. 2.2-19 AND 2.12-20 INDEX 60.17	RF		
- 8	66A40333-1	• TUBE ASSY	1	35	
- 9	66A40326-1	• TUBE ASSY	1	35	
- 10	MS21902D4	• UNION	1	35	
- 11	66A40335-1	• TUBE ASSY	1	35	
- 12	66A40334-1	• TUBE ASSY	1	35	
- 13	MS21909D4	• TEE	1	35	
	AN924-4	• NUT	1	35	
	MS29512-04	• GASKET	1	35	
- 14	66A40330-1	• TUBE ASSY	1	35	
- 15	MS21912D4	• TEE	1	35	
	AN924-4	• NUT	1	35	
	MS29512-04	• GASKET	1	35	
- 16	66D40336-2	• SWITCH INSTL, AERIAL REFUEL PRESS	1	35	
	42D171	• SWITCH PRESSURE (30949) ATTACHING PARTS	1	35	
- 17	AN3-4A	• NUT	4	35	
- 18	AN960D10L	• WASHER	4	35	
		-----X-----			
- 19	MS21907D4	• ELBOW	1	35	
	AN924-4	• NUT	1	35	
	MS29512-04	• GASKET	1	35	
- 20	66A40535-1	• TUBE ASSY	1	35	
- 21	MS21909D4	• TEE	1	35	
	AN924-4	• NUT	1	35	
- 22	66A40539-1	• TUBE ASSY	1	35	
- 23	MS21908D4	• ELBOW	1	35	
	AN924-4	• NUT	1	35	
	MS29512-04	• GASKET	1	35	
- 24		• TEE ASSY, WELDED SEE FIG. 2.12-48 INDEX 30 OR 31	RF	35	
- 25	3605-32D	• COUPLING (79326) 92-72500-002	4	35	
	MS29513-32D	• PACKING	8	35	

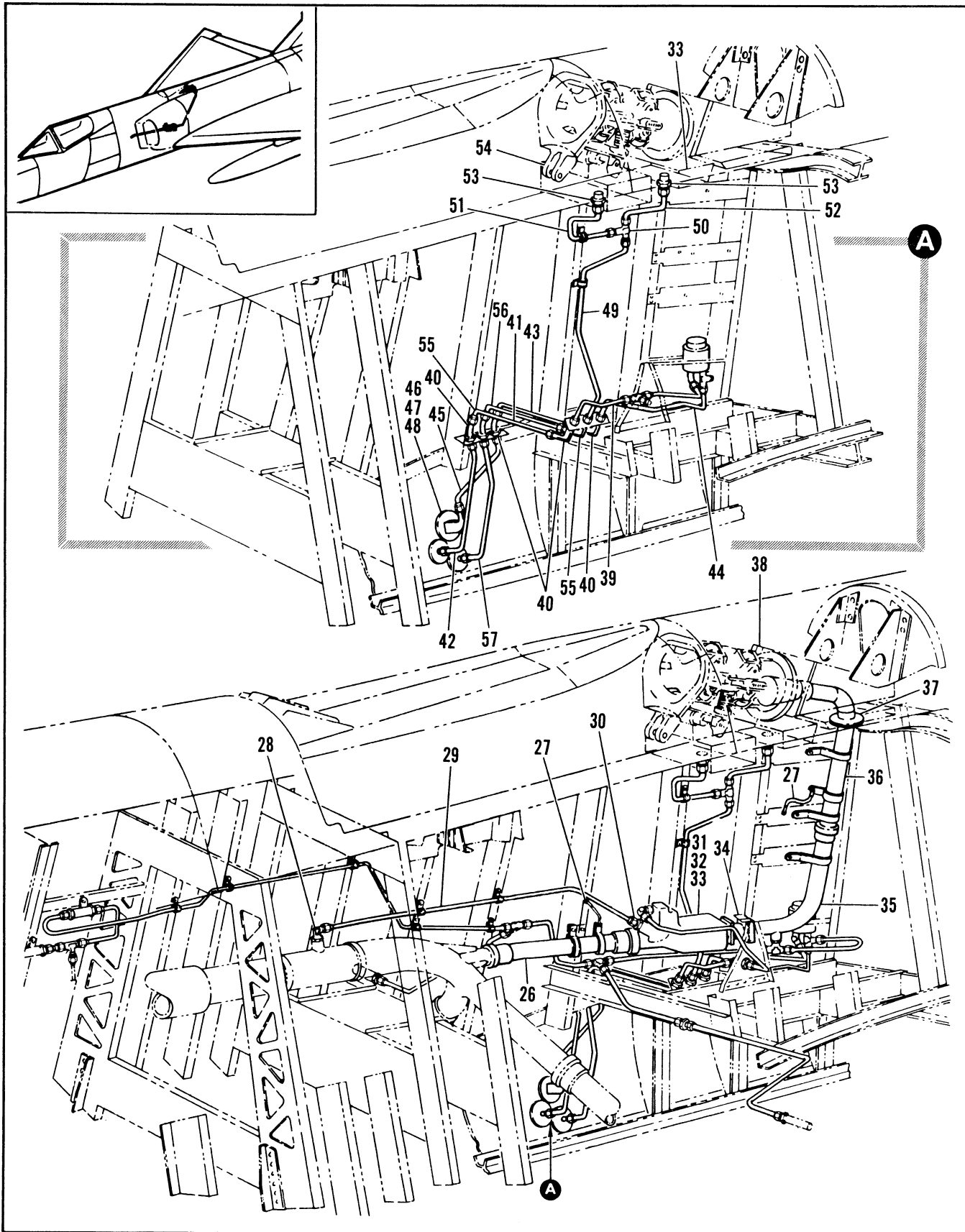


Figure 2.12-67. Aerial Refueling Fuel Tank Pressure Tubing Installation (Sheet 2 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-67- 26	66D40343-1	• TUBE, REFUEL FORWARD	1	35	
- 27	MS25083-2BB4	• JUMPER	2	35	
- 29	MS21908-6D	• ELBOW	1	35	
	AN924-6D	• NUT	1	35	
	MS29512-6	• PACKING	1	A	
- 30	MS21901-6D	• UNION	1	D	
	MS21908-6D	• ELBOW	1	D	
	AN924-6D	• NUT	1	D	
	MS29512-6	• PACKING	1	D	
- 31	6133-3	• VALVE ASSY, REFUELING REGULATOR AND CHECK (86090) SPEC 8-02281-3 T.O. 6J15-7-18-13	1	C	
	6133-9	• VALVE ASSY, REFUELING REGULATOR AND CHECK (86096) SPEC 8-02281-9 T.O. 6J17-7-18-13	1	D	
		ATTACHING PARTS			
- 32	MS21042L5	• NUT	4	35	
- 33	AN5-10A	• BOLT	4	35	
		----X----			
- 34	075356-2	• SEAL (83259) SPEC 8-02289-3	1	35	
- 35	66D40342-1	• TUBE	1	35	
- 36	66D40341-1	• TUBE	1	35	
- 37	MS35489-59	• GROMMET	1	35	
- 38		• SUPPORT ASSY, REFUELING RECEPTACLE	PF	35	
- 39	66A40536-1	• TUBE ASSY	1	35	
- 40	MS21907D4	• ELBOW	4	35	
	AN924-4	• NUT	4	35	
- 41	66A40537-1	• TUBE ASSY	1	35	
- 42	66A40538-1	• TUBE ASSY	1	35	
- 43	66A40532-1	• TUBE ASSY	1	35	
- 44	66A40533-1	• TUBE ASSY	1	35	
- 45	66A40534-1	• TUBE ASSY	1	35	
	66J40485-1	• DRAIN AND SENSE TUBE INSTL	1	35	
- 46	885B	• VALVE, DRAIN (91511)	1	35	
		ATTACHING PARTS			
- 47	MS21042L3	• NUT	3	35	
- 48	AN509-10R10	• SCREW	3	35	
		----X----			
- 49	66A40504-1	• TUBE ASSY	1	35	
- 50	MS21905D6	• TEE	1	35	
- 51	66A40503-1	• TUBE ASSY	1	35	
- 52	66A40502-1	• TUBE ASSY	1	35	
- 53	MS21902D6	• UNION	2	35	
	MS29512-6	• PACKING	2	35	
- 54		• FAN ASSEMBLY, SEE FIG. 2.13-1	RF	35	
- 55	MS21907D6	• ELBOW	2	35	
	AN924-6	• NUT	2	35	
- 56	66A40531-1	• TUBE ASSY	1	35	
- 57	66A40530-1	• TUBE ASSY	1	35	
		A AIRPLANES #35 THRU 89, 131 THRU 189, 247 AND ON			
		R AIRPLANES #91 THRU 130, 189, AND 191 THRU 246			
		C AIRPLANES #190			
		D AIRPLANES #35 THRU 189, 191 AND ON			

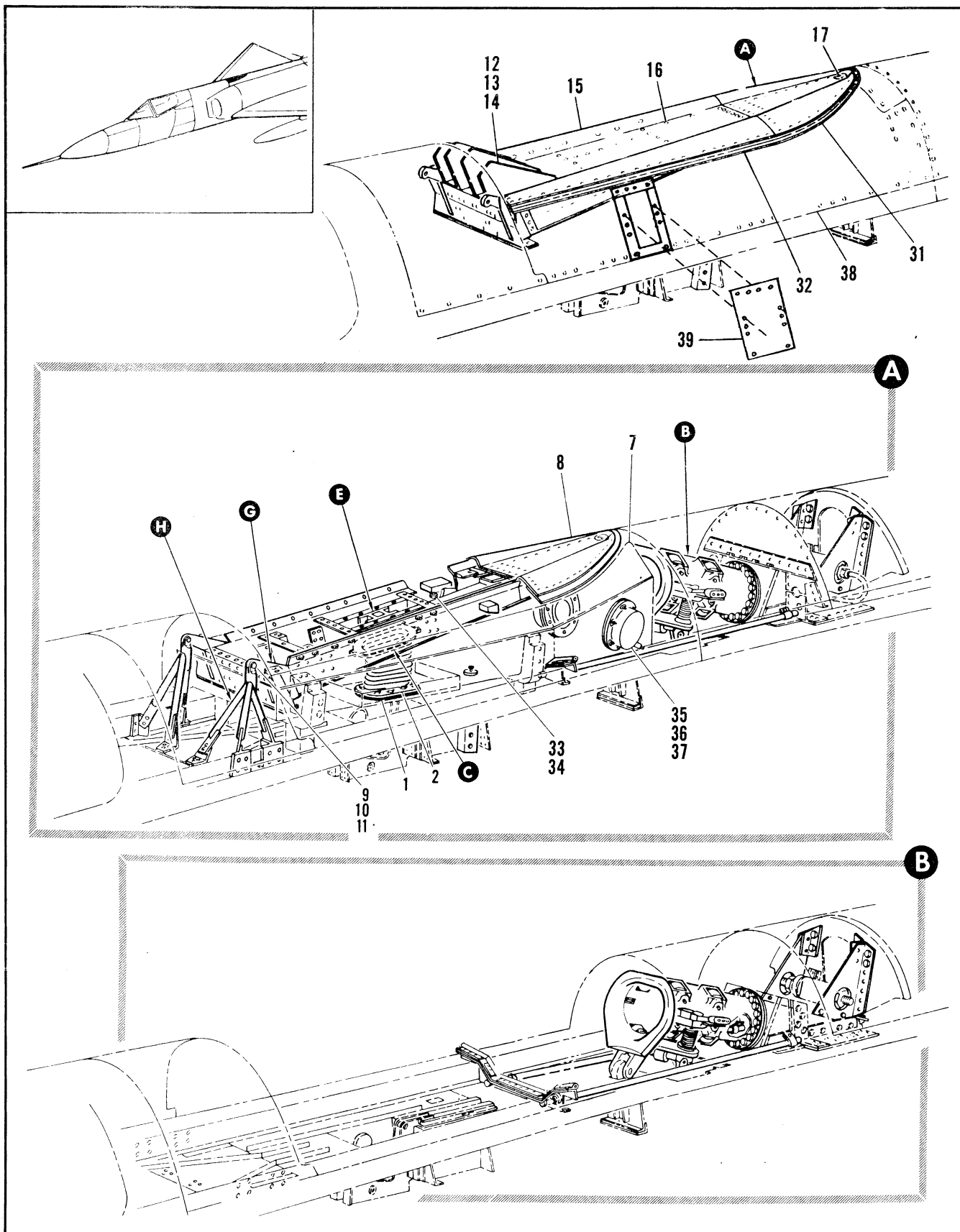


Figure 2.12-68. Aerial Refueling Equipment Dorsal Area (Sheet 1 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-68		AERIAL REFUELING EQUIPMENT INSTL, DORSAL AREA	RF	35	
- 1	66J40243-1	. DOOR INSTALLATION, SLIPWAY	1	35	
	66J40243-2	. . RETAINER	1	35	
- 2	NAS1103-3	ATTACHING PARTS	14	35	
		. . BOLT			
		-----X-----			
- 3	66E40424-1	. . SEAL, REPLACED BY NOT INTCHG WITH 66E40424-2	1	35	
	66E40424-2	. . SEAL			
		REPLACED BY NOT INTCHG WITH 66E40424-1	1	35	
- 4	66J40243-3	. . RETAINER	1	35	
		ATTACHING PARTS			
- 5	NAS1103-7	. . BOLT	2	35	
- 6	NAS1103-4	. . BOLT	6	35	
		-----X-----			
- 7		. . PAN ASSY, SEE FIG. 2.13-1	RF	35	
- 8	66J40259-1	. . DOOR ASSY, SLIPWAY			
		ATTACHING PARTS			
- 9	MS24665-153	. . PIN, COTTER	1	35	
- 10	AN960C416L	. . WASHER	2	35	
- 11	MS20392-3C19	. . PIN	2	35	
		-----X-----			
- 12	66D40674-5	. . . CHANNEL, DOOR SLIPWAY LH	1	35	
	66D40674-6	. . . CHANNEL, DOOR SLIPWAY RH	1	35	
		ATTACHING PARTS			
- 13	NAS1204-9	. . . BOLT	2	35	
- 14	NAS1204-10	. . . BOLT	2	35	
		-----X-----			
- 15	66J40525-1	. . . FAIRING, DOOR SLIPWAY	1	35	
		ATTACHING PARTS			
- 16	NAS1203-4	. . . BOLT	56	35	
- 17	NAS1203-3	. . . BOLT	2	35	
		-----X-----			
- 18	66D40429-1	. . . ACTUATOR SUPPORT ASSY	1	35	
		ATTACHING PARTS			
- 19	MS21042-4	. . . NUT	8	35	
- 20	AN960-416	. . . WASHER	8	35	
- 21	NAS1104-6	. . . BOLT	4	35	
- 22	NAS1104-5	. . . BOLT	4	35	
		-----X-----			
- 23	66D40429-2	. . . . SUPPORT	1	35	
- 24	NAS77-6-25	. . . . BUSHING	2	35	
- 25	NAS77-6-014	. . . . BUSHING	1	35	
- 26	66C40675-1	. . . . PLATE, HINGE LH	1	35	
	66C40675-2	. . . . PLATE, HINGE RH	1	35	
		ATTACHING PARTS			
- 27	MS21042-4	. . . NUT	9	35	
- 28	AN960-416	. . . WASHER	9	35	
- 29	NAS1104-3	. . . BOLT	3	35	
- 30	NAS1204-7	. . . BOLT	6	35	
		-----X-----			
- 31	66J40259-8	. . . SEAL	1	35	
- 32	66J40259-9	. . . SEAL	1	35	
- 33	MS21209F8-20	. . . HELICOIL	1	35	
- 34	NAS428K3-7	. . . BOLT	1	35	
	66E40986-1	. . LIGHT INSTL, SLIPWAY	1	35	
- 35	66D40411-1	. . LIGHT ASSEMBLY, LH (S131HA)	1	35	
	66D40411-2	. . LIGHT ASSEMBLY, RH (S131RB)	1	35	
	MS25309-7512	. . . LAMP	1	35	
		ATTACHING PARTS			
- 36	NAS1402-2	. . . SCREW	6	35	
	AN505-8P7	. . . SCREW	1	35	
		-----X-----			

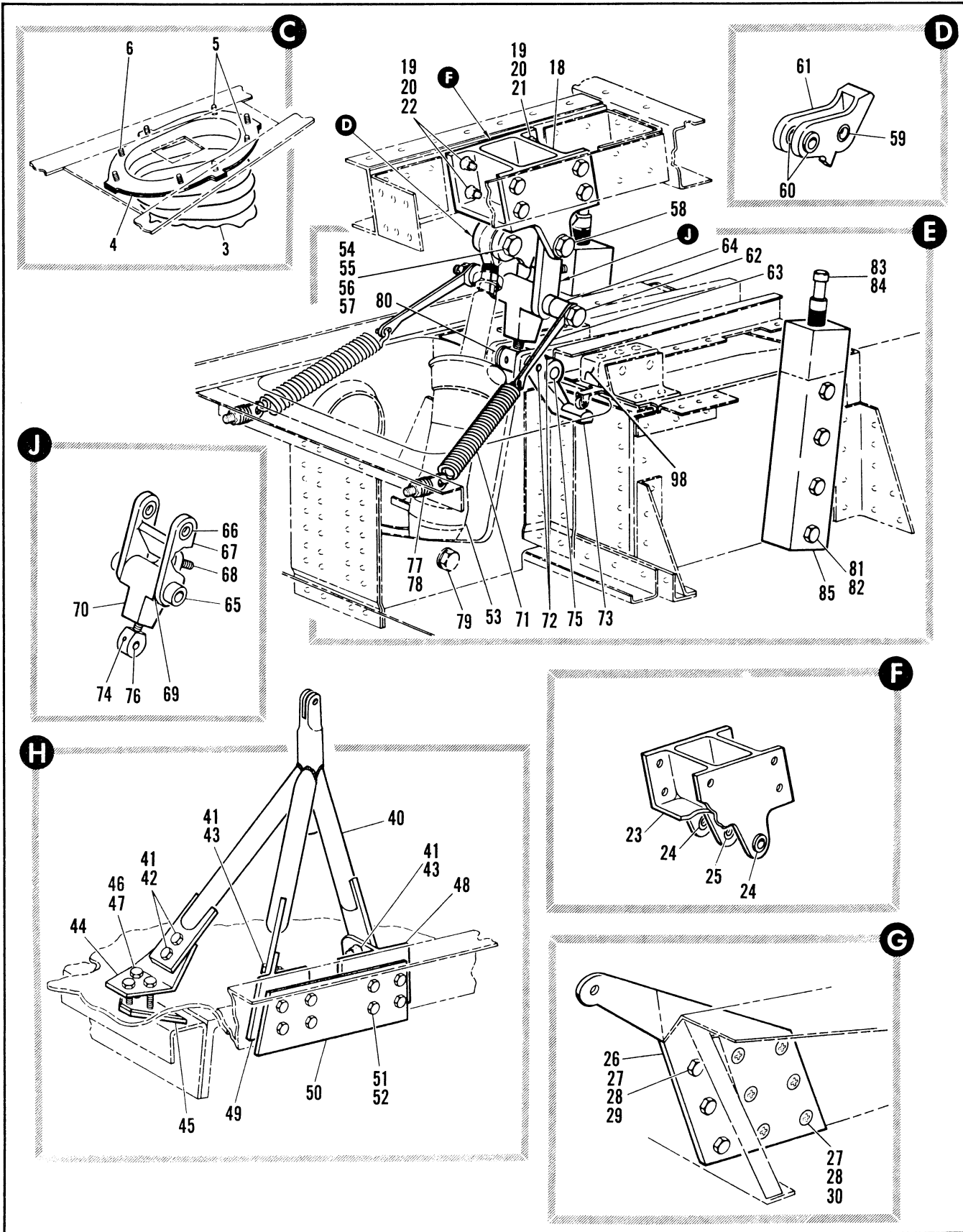


Figure 2.12-68. Aerial Refueling Equipment Dorsal Area (Sheet 2 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.12-68- 37 - 38	66C40465-1	<ul style="list-style-type: none"> • • • GASKET • DORSAL INSTL. FOR BREAKDOWN SEE FIG. 2.13-1 	2	35	
			RF	35	
- 39	66J40249-1	• SUPPORT INSTL. HINGE STA 320 LH	1	35	
	66J40249-2	• SUPPORT INSTL. HINGE STA 320 RH	1	35	
- 40	68F37910-9	• ACCESS DOOR, LH	1	35	
	68F37910-10	• ACCESS DOOR, RH	1	35	
- 41	66E40248-1	• • SUPPORT ASSY, WELDED LH	1	35	
	66E40248-2	• • SUPPORT ASSY, WELDED RH	1	35	
- 42	MS21042L4	• • ATTACHING PARTS	6	35	
	NAS1104-7	• • NUT	2	35	
- 43	NAS1104-6	• • BOLT	4	35	
		• • BOLT			
- 44	66J40249-3	• • ANGEL, LH	1	35	
	66J40249-4	• • ANGLE, RH	1	35	
- 45	66J40249-6	• • PLATE	1	35	
		ATTACHING PARTS			
- 46	MS21042L4	• • NUT	3	35	
	NAS1104-12	• • BOLT	3	35	
- 48	66D40262-1	• • SUPPORT, LH	1	35	
	66D40262-2	• • SUPPORT, RH	1	35	
- 49	66D40255-1	• • SUPPORT, LH	1	35	
	66D40255-2	• • SUPPORT, RH	1	35	
- 50	66J40249-5	• • PLATE	1	35	
		ATTACHING PARTS			
- 51	MS21042L4	• • NUT	8	35	
	NAS1104-7	• • BOLT	8	35	
- 52	AN960-416	• • WASHER	2	35	
		• • WASHER			
- 53	66E40425-1	• DOOR LINKAGE INST	1	35	
		• ACTUATOR, DOOR FOR NHA SEE FIG. 2.8-27 ITEM 1	RF	35	
- 54	MS24665-5	• • PIN, COTTER	3	35	
	AN320-6	• • NUT	3	35	
- 55	AN960-616	• • WASHER	3	35	
	NAS1106-17D	• • BOLT	1	35	
- 56	66C40220-2	• • PIN, LINK	1	35	
	66C40468-1	• LINK, ACTUATOR ASSY	1	35	
- 57	NAS75-6-29B	• • • BUSHING	2	35	
	NAS77-6-25	• • • BUSHING	2	35	
- 58	66C40468-3	• • • LINK	1	35	
	66C40020-3	• • PIN, LINKAGE	1	35	
- 59	66B40510-1	• • LINK, SPRING LH	1	35	
	66B40510-3	• • LINK, SPRING RH	1	35	
- 60	NAS43006-34	• • SPACER	2	35	
	66D40409-1	• • LINK ASSY, UPPER	1	35	
- 61	NAS75-6-106	• • • BUSHING	2	35	
	NAS75-6-108	• • • BUSHING	2	35	
- 62	66C40459-2	• • • LINK, UPPER	1	35	
	66D40460-1	• • LINK ASSY, LOWER	1	35	
- 63	NAS1001-4A10L	• • • SCREW, SET	1	35	
	NAS75-6-101	• • • BUSHING	1	35	
- 64		• • • BUSHING			
		• • • LINK, LOWER	1	35	
- 65		• • • LINK, LOWER			
		• • • LINK, LOWER			

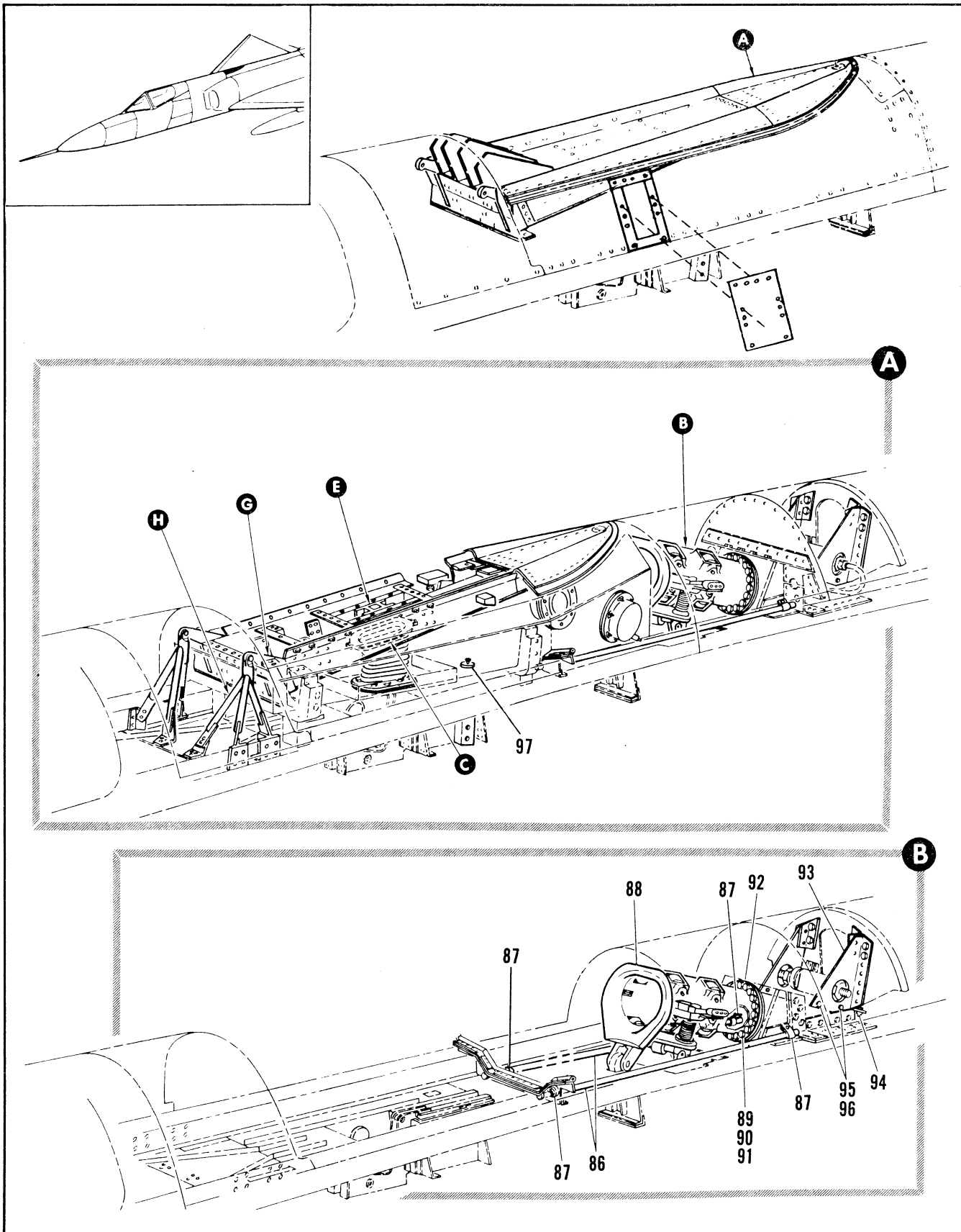


Figure 2.12-68. Aerial Refueling Equipment Dorsal Area (Sheet 3 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.12-68- 71	77	• • SPRING, LINK (71447)	2		
- 72	NAS10P1-3P3L	• • SCREW, SET	2		
- 73	66D40021-1	• • ARM, ACTUATOR	1		
- 74	NAS10P1-8685L	• • SCREW, SET	1		
- 75	66C40020-1	• • PIN, LINK	1		
- 76	66D40010-1	• • FITTING, LOWER LINK	1		
	66J41454-1	• SUPPORT INSTL, DOOR ACTUATOR	1		
- 77	AN425-5A	• • BOLT, EYE	1		
- 78	MS21142L3	• • NUT	1		
- 79	NAS77-6-38-0	• PUSHING	2		
- 80	NAS77-6-27	• • PUSHING	2		
	66J40256-1	• STOP INSTL, SLIPWAY DOOR	1		
	66D39912-1	• • STOP ASSY, VERTICAL ATTACHING PARTS	2		
- 81	MS21142L3	• • NUT	4		
- 82	NAS1103-17	• • BOLT	4		
- 83	66C35P13-1	• • BOLT, STOP	1		
- 84	MS21209FR-21	• • THREAD, INSERT	1		
- 85	66D39912-2	• • BAR, STOP	1		
	66J41669-72	• SEAL INSTL, DORSAL SECTION	1		
- 86	66J41669-39	• • TUBE	2		
- 87	MS21919DF10	• • CLAMP	4		
	MS21142L3R	• • NUT	4		
	MS35206-242	• • SCREW	4		
	66E41965-1	• AERIAL REFUELLING RECEPTACLE INSTL	1		
- 88	VM66350-1	• • RECEPTACLE ASSY (63135) SPEC MIL-R 27521 CLASS 1 T.O. 6A6-6-3 ATTACHING PARTS			
- 89	MS21042-4	• • NUT	20		
- 90	AN921-41A	• • WASHER	20		
- 91	NAS1364-24	• • BOLT	20		
		-----X-----			
- 92	40280	• • SEAL ASSY (98159)	1		
	66E40253	• GUARD, PULLEY CONTROL INSTL	1		
- 93		• • SUPPORT ASSY, GUARD RIVETED ATTACHING PARTS	1		
- 94	NAS1103-5	• • BOLT	2		
- 95	MS21042-6	• • NUT	4		
- 96	NAS1106-5	• • BOLT	4		
- 97	MS21321-1	• SWITCH, DOOR OPEN	1	35	
- 98	IHS35	• SWITCH, DOOR CLOSED	1	35	

