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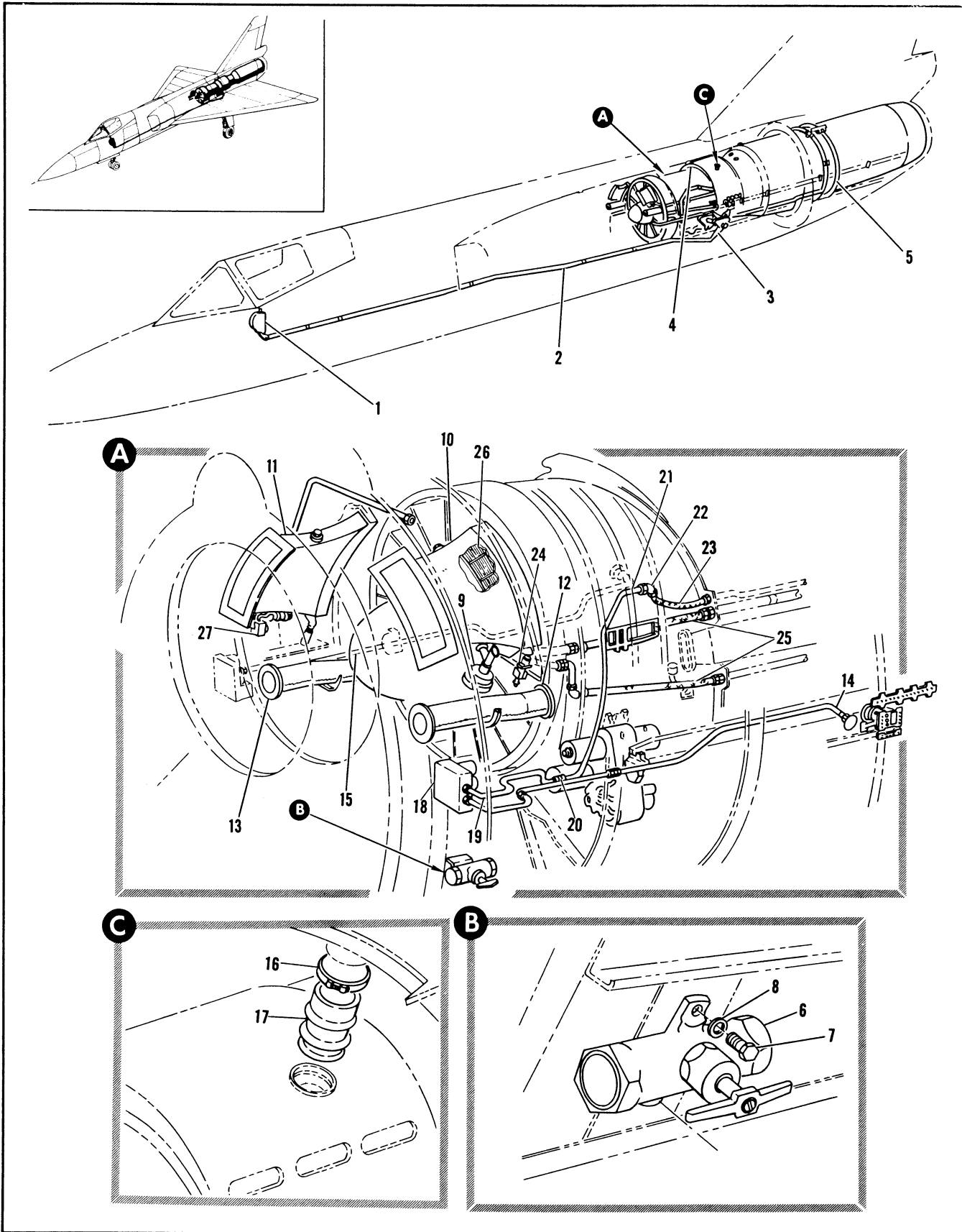


Figure 2.10-1. Power Plant (Sheet 1 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.10-1		POWER PLANT			
- 1		• PEDESTAL INSTL, POWER CONTROL SEE FIG. 2.10-2	RF		
- 2		• TELEFLEX INSTL, POWER CONTROL SEE FIG. 2.10-3	RF		
- 3		• SHAFT INSTL, POWER CONTROL TORQUE SEE FIG. 2.10-4	RF		
- 4		• POWER PLANT INSTL, SEE FIG. 2.10-6	RF		
- 5		• PRESSURE RATIO INDICATOR TUBING SEE FIG. 2.10-20	RF		
	8-85039-1	• VALVE INSTL, MANUAL SHUTOFF STARTER PNEUMATIC STA 441 FOR NHA SEE FIG. 2.3-11	RF	35	
- 6	10610-2	• VALVE ASSY, MANUAL SHUTOFF <99034> SPEC 8-00408-1 T.O. 9P5-9-22-23 ATTACHING PARTS	1	35	
- 7	AN3-5A	• BOLT	2	35	
- 8	AN960010	• WASHER	2	35	
- 9		-----X----- • VALVE INSTL, ENGINE OIL COOLER AIR SEE FIG. 2.10-23	RF		
- 10	8-74472	• DUCT ASSY, ENGINE OIL COOLER LH SEE FIG. 2.3-13 INDEX 23	RF		
- 11	8-74473	• DUCT ASSY, GENERATOR OIL COOLER RH SEE FIG. 2.3-13 INDEX 22	RF		
	8-74919	• DUCT INSTL, SHROUD COOLING LH FOR NHA SEE FIG. 2.3-13-24	RF	35	
	8-74920	• DUCT INSTL, SHROUD COOLING RH FOR NHA SEE FIG. 2.3-13-24	RF	35	
- 12	8-74919-23	• DUCT ASSY, SHROUD COOLING LH WELDED	1	35	
- 13	8-74920-13	• DUCT ASSY, SHROUD COOLING RH WELDED	1	35	
- 14		• TUBING INSTL, OIL COOLER AMBIENT AIR CONTROL LH STA 446 TO 503 SEE FIG. 2.10-23	RF		
- 15		• TUBING INSTL, OIL COOLER AMBIENT AIR CONTROL RH STA 446 TO 503 SEE FIG. 2.10-23	RF		
	8-27561-3	• BELLOWS INSTL, ENGINE OIL TANK SCUPPER FOR NHA SEE FIG. 2.1-1 INDEX 50	RF	35	
- 16	326-62-612S	• CLAMP, <98625> 91-97801-014	1	35	
- 17	4238-3	• BELLOWS, <84191> SPEC 8-02476-3	1	35	
	8-27795-5	• TUBING INSTL, OIL COOLER ENGINE BLEED AIR CONTROL STA 445 TO 545 FOR NHA SEE FIG. 2.3-3	RF	35	
- 18		• SENSOR ASSY, ENGINE COMPARTMENT PRESSURE CONTROL ENVELOPE SEE FIG. 2.10-23 INDEX 22	RF		
- 19	8-27795-17	• TUBE ASSEMBLY	1	35	
- 20	MS21902D5	• UNION	1	35	
- 21	8-27795-29	• TUBE ASSEMBLY (5/16 O.D. x 0.035 x 34.0 - 5052 AL ALLOY, WW-T-787) OPPOSITE TUBE END SWAGE TO 1/4 O.D.	1	35	
- 22	MS21908-4	• ELBOW	1	35	
	AN924-4	• NUT	1	35	
	AN960-716	• WASHER	1	35	
- 23		• HOSE ASSY, SEE FIG. 2.10-7 INDEX 48	RF		
- 24		• DRAIN INSTL, ENGINE OIL COOLER SEE FIG. 2.10-26	RF		
- 25		• TUBING INSTL, ENGINE OIL COOLER SEE FIG. 2.10-19	RF		
- 26		• COOLER ASSY, ENGINE OIL SEE FIG. 2.10-21 INDEX 1	RF		
- 27		• VALVE INSTL, ACCESSORY OIL COOLER AIR SEE FIG. 2.10-22	RF		

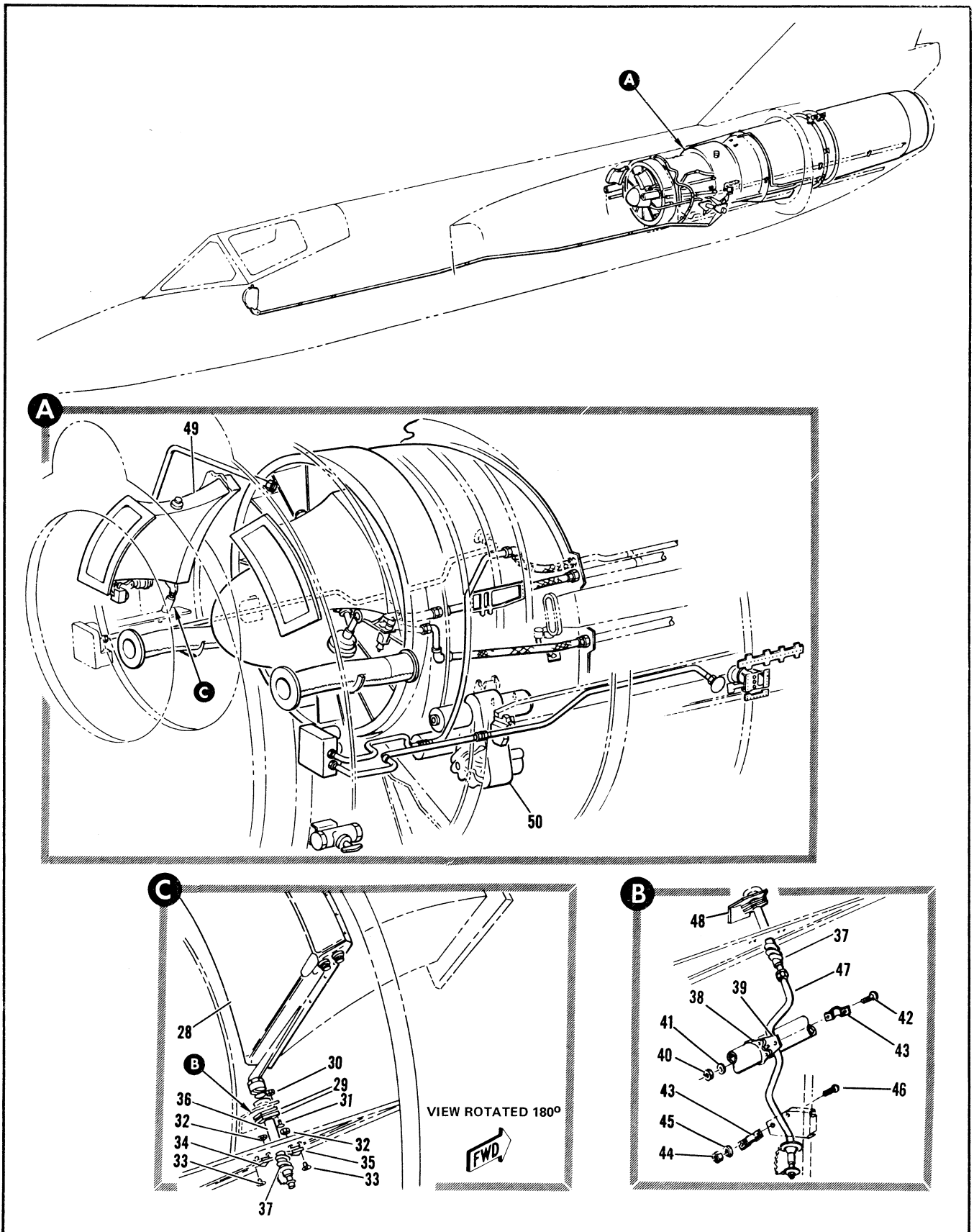


Figure 2.10-1. Power Plant (Sheet 2 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
				1	2
2.10-1	8-28245	. DRAIN INSTL, ACCESSORY DRIVE OIL COOLER STA 466 FOR NHA SEE FIG. 2.3-11	RF	35	38
	8-28245-1	. DRAIN INSTL, ACCESSORY DRIVE OIL COOLER STA 466 FOR NHA SEE FIG. 2.3-11	RF	39	
- 28		. . COOLER ASSY, ACCESSORY DRIVE OIL SEE FIG. 2.10-28 INDEX 1	RF		
- 29	8-27570	. . GUIDE, ENGINE OIL COOLER DRAIN ATTACHING PARTS	2	35	
- 30	MS21042L3	. . NUT	2	35	
- 31	AN520-10R8	. . SCREW	2	35	
		-----X-----			
	8-28236	. . GUIDE ASSY, DRAIN OIL COOLER ACCESSORY DRIVE	1	35	
	8-28247	. . GUIDE ASSY, DRAIN OIL COOLER ACCESSORY DRIVE ALT INTCHG WITH 8-28236 ATTACHING PARTS	RF	35	
- 32	MS21042L3	. . NUT	4	35	
- 33	AN520-10R8	. . SCREW	4	35	
		-----X-----			
- 34	8-28236-7	. . . GUIDE, LH	1	35	
	8-28247-7	. . . GUIDE, LH USE WITH 8-28247	RF	35	
- 35	8-28236-8	. . . GUIDE, RH	1	35	
	8-28247-8	. . . GUIDE, RH USE WITH 8-28247	RF	35	
- 36	8-28246-3	. . DRAIN ASSY, OIL COOLER WELDED	1	35	
- 37	8-44119	. . . SPRING, ACTUATING VALVE LATCH MECHANISM	1	35	
- 38	901-390-2-5A	. . SUPPORT, <98625> 98-60000-017	1	35	
- 39	8-26718	. . SUPPORT ASSY, COOLING AIR RIVETED ATTACHING PARTS	1	35	
- 40	MS21042L3	. . NUT	1	35	
- 41	AN960-10L	. . WASHER	1	35	
- 42	AN520-10R7	. . SCREW	1	35	
		-----X-----			
- 43	8-28396	. . FAIR-LEAD, ENGINE OIL COOLER DRAIN ATTACHING PARTS	4	35	
- 44	MS21042L3	. . NUT	2	39	
- 45	AN960-10L	. . WASHER	2	39	
- 46	AN520-10R7	. . SCREW	2	39	
		-----X-----			
- 47	8-28395	. . TURE ASSY, DRAIN OIL COOLER ACCESSORY DRIVE WELDED	1	35	
- 48	8-28248	. . BRACKET INSTL, OIL COOLER DRAIN ACCESSORY DRIVE RIVETED	1	35	89
	8-28248-1	. . BRACKET INSTL, OIL COOLER DRAIN ACCESSORY DRIVE RIVETED	1	90	
- 49		. ACCESSORY DRIVE OIL COOLER SEE FIG. 2.10-27	RF		
- 50		. DRIVE INSTL, ACCESSORY SEE FIG. 2.10-25	RF		

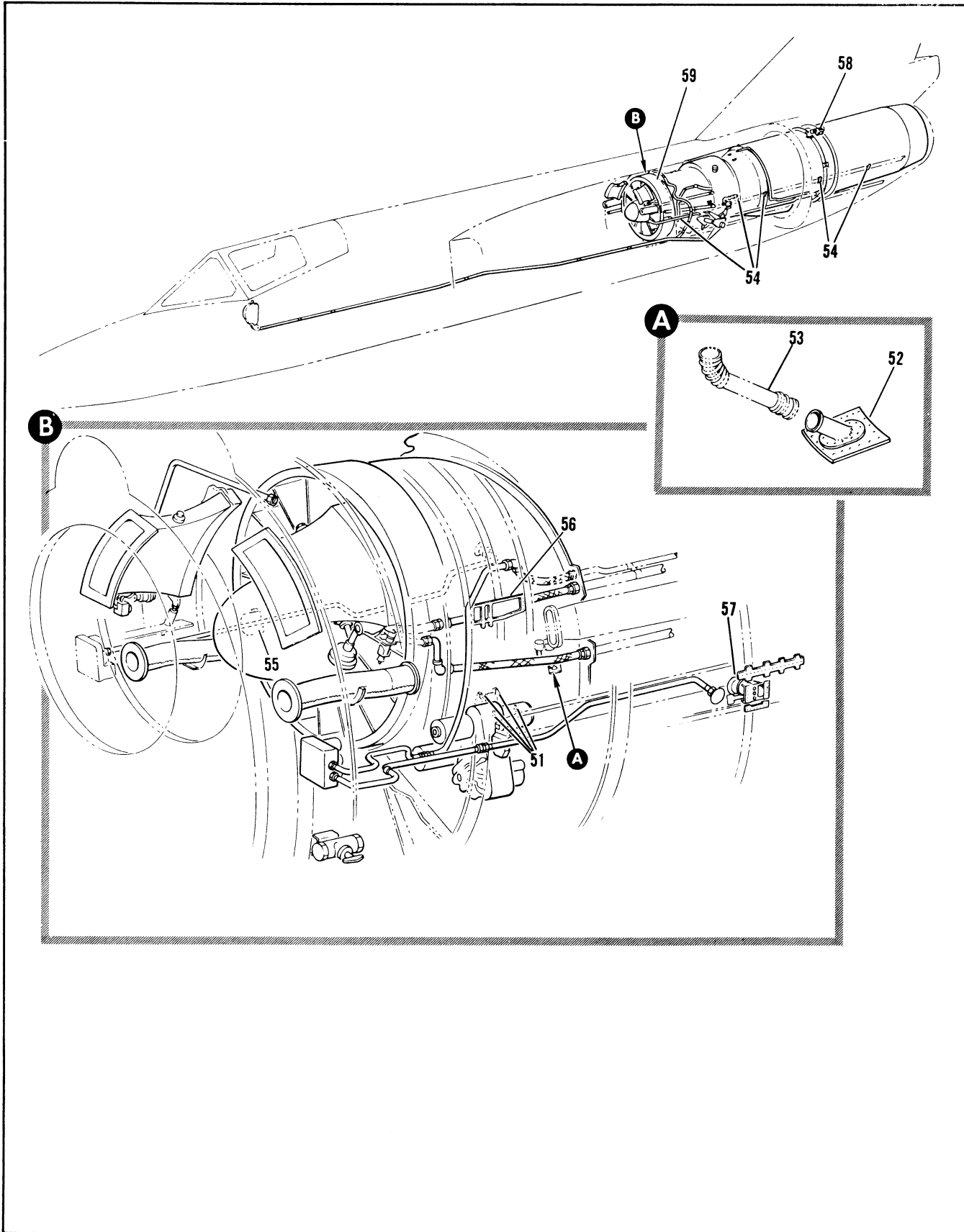


Figure 2.10-1. Power Plant (Sheet 3 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
				1	2 3 4 5 6
2.10-1	8-28245	. DRAIN INSTL, ACCESSORY DRIVE OIL COOLER STA 466 FOR NHA SEE FIG. 2.3-11	RF	35	38
	8-28245-1	. DRAIN INSTL, ACCESSORY DRIVE OIL COOLER STA 466 FOR NHA SEE FIG. 2.3-11	RF	39	
- 28		. . COOLER ASSY, ACCESSORY DRIVE OIL SEE FIG. 2.10-28 INDEX 1	RF		
- 29	8-27570	. . GUIDE, ENGINE OIL COOLER DRAIN ATTACHING PARTS	2	35	
- 30	MS21042L3	. . NUT	2	35	
- 31	AN520-10R8	. . SCREW	2	35	
		-----X-----			
	8-28236	. . GUIDE ASSY, DRAIN OIL COOLER ACCESSORY DRIVE	1	35	
	8-28247	. . GUIDE ASSY, DRAIN OIL COOLER ACCESSORY DRIVE ALT INTCHG WITH 8-28236 ATTACHING PARTS	RF	35	
- 32	MS21042L3	. . NUT	4	35	
- 33	AN520-10R8	. . SCREW	4	35	
		-----X-----			
- 34	8-28236-7	. . . GUIDE, LH	1	35	
	8-28247-7	. . . GUIDE, LH USE WITH 8-28247	RF	35	
- 35	8-28236-8	. . . GUIDE, RH	1	35	
	8-28247-8	. . . GUIDE, RH USE WITH 8-28247	RF	35	
- 36	8-28246-3	. . DRAIN ASSY, OIL COOLER WELDED	1	35	
- 37	8-44119	. . . SPRING, ACTUATING VALVE LATCH MECHANISM	1	35	
- 38	901-390-2-5A	. . SUPPORT, <98625> 98-60000-017	1	35	
- 39	8-26718	. . SUPPORT ASSY, COOLING AIR RIVETED ATTACHING PARTS	1	35	
- 40	MS21042L3	. . NUT	1	35	
- 41	AN960-10L	. . WASHER	1	35	
- 42	AN520-10R7	. . SCREW	1	35	
		-----X-----			
- 43	8-28396	. . FAIR-LEAD, ENGINE OIL COOLER DRAIN ATTACHING PARTS	4	35	
- 44	MS21042L3	. . NUT	2	39	
- 45	AN960-10L	. . WASHER	2	39	
- 46	AN520-10R7	. . SCREW	2	39	
		-----X-----			
- 47	8-28395	. . TUBE ASSY, DRAIN OIL COOLER ACCESSORY DRIVE WELDED	1	35	
- 48	8-28248	. . BRACKET INSTL, OIL COOLER DRAIN ACCESSORY DRIVE RIVETED	1	35	89
	8-28248-1	. . BRACKET INSTL, OIL COOLER DRAIN ACCESSORY DRIVE RIVETED	1	90	
- 49		. ACCESSORY DRIVE OIL COOLER SEE FIG. 2.10-27	RF		
- 50		. DRIVE INSTL, ACCESSORY SEE FIG. 2.10-25	RF		

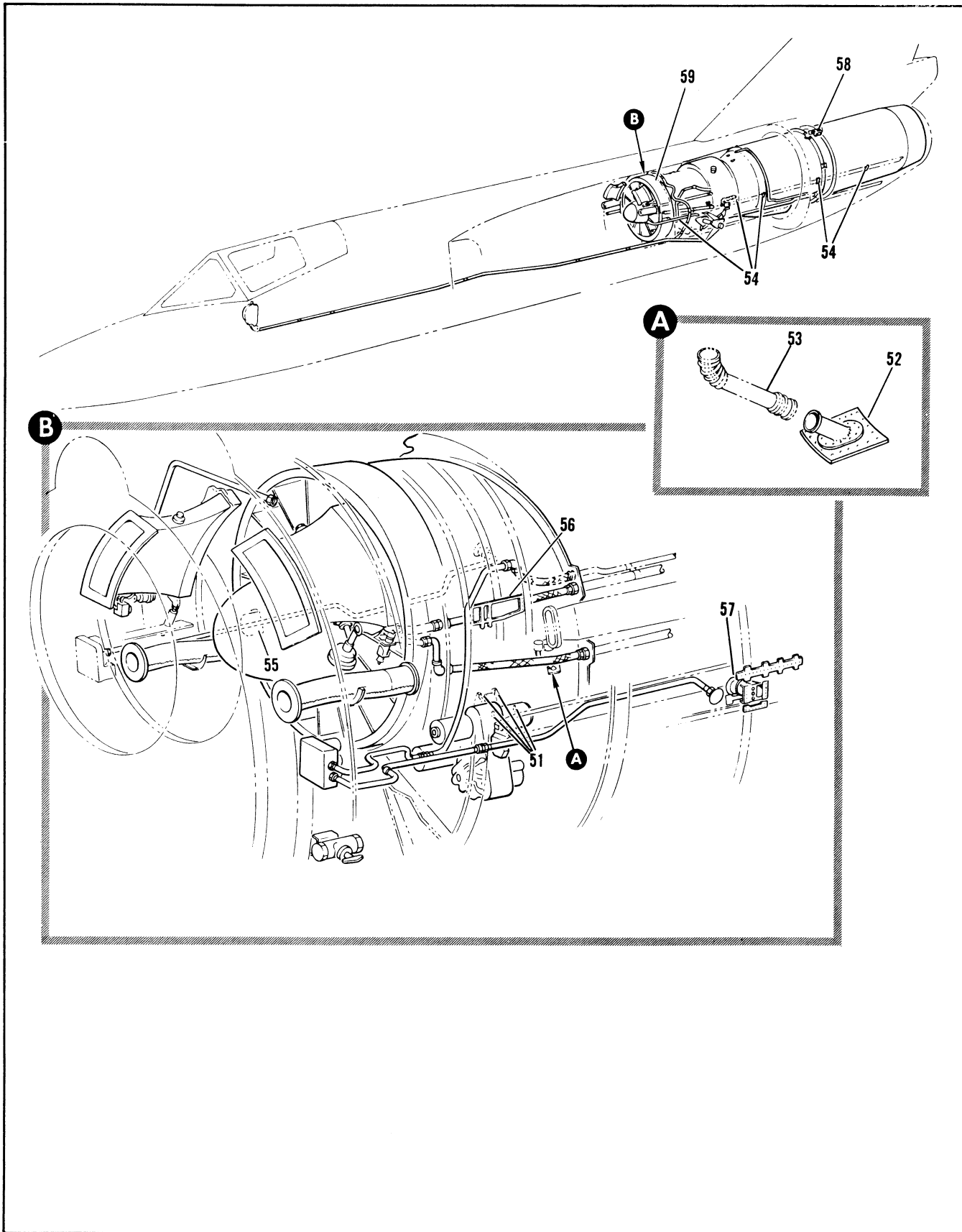


Figure 2.10-1. Power Plant (Sheet 3 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.10-1- 51		• SUPPORT INSTL, REMOTE GEARBOX ACCESSORY SEE FIG. 2.10-30	RF		
	8-28238-803	• DUCT INSTL, ENGINE OIL BREATHER MODIFIED BY 8-21914 FOR NHA SEE FIG. 2.10-6	RF	35	
- 52	8-22813-1	• DUCT ASSY, ENGINE OIL BREATHER LWR WELDED	1	35	
- 53		• DUCT ASSY, ENGINE OIL BREATHER SEE FIG. 2.10-6 INDEX 73	RF		
- 54		• SUPPORT INSTL, ENGINE REMOVAL RAIL SEE FIG. 2.10-37	RF		
- 55		• CLAMP INSTL, ENGINE THRUST MOUNT STA 478 SEE FIG. 2.10-36	RF		
	8-74115-5	• BEAM INSTL, ENGINE MOUNT FWD FOR NHA SEE FIG. 2.3-14	RF	35	277
	8-74115	• BEAM INSTL, ENGINE MOUNT FWD FOR NHA SEE FIG. 2.3-14	RF	278	
- 56	8-74184-7	• BEAM, ENGINE MOUNT FWD REPLACES INTCHG WITH 8-74119-7	1	35	
	8-74119-11	• BEAM, ENGINE MOUNT FWD ALT INTCHG WITH 8-74184-7	RF	A	
	8-74119-1	• BEAM ASSY, ENGINE MOUNT FWD ALT INTCHG WITH 8-74184-7 AND 8-74119-11	RF	B	
	8-74119-7	• BEAM, ENGINE MOUNT FWD REPLACED BY NOT INTCHG WITH 8-74184-7	RF	B	
	8-74413-1	• STRUCTURE INSTL, ENGINE COMPRESSOR DISCHARGE PORT LH FOR NHA SEE FIG. 2.3-14	RF	C	
	8-74413-801	• STRUCTURE INSTL, ENGINE COMPRESSOR DISCHARGE PORT LH FOR NHA SEE FIG. 2.3-14	RF	48	277
	8-74413-2	• STRUCTURE INSTL, ENGINE COMPRESSOR DISCHARGE PORT RH FOR NHA SEE FIG. 2.3-14	RF	C	
	8-74413-802	• STRUCTURE INSTL, ENGINE COMPRESSOR DISCHARGE PORT RH FOR NHA SEE FIG. 2.3-14	RF	48	277
- 57	8-22736-5	• DUCT ASSY, WELDED LH	1		
- 58	8-22736-6	• DUCT ASSY, WELDED RH	1		
		• BEAM INSTL, ENGINE MOUNT AFT SEE FIG. 2.10-40	RF		
- 59		• FIRE AND OVERHEAT DETECTOR SEE FIG. 2.10-34	RF		
		A AIRPLANES #35 THRU 277, 279, 281, 287 AND ON			
		B AIRPLANES #278, 280, 282 THRU 286			
		C AIRPLANES #35 THRU 47, 279 AND ON			
		D AIRPLANES #35 THRU 39, 279 AND ON			

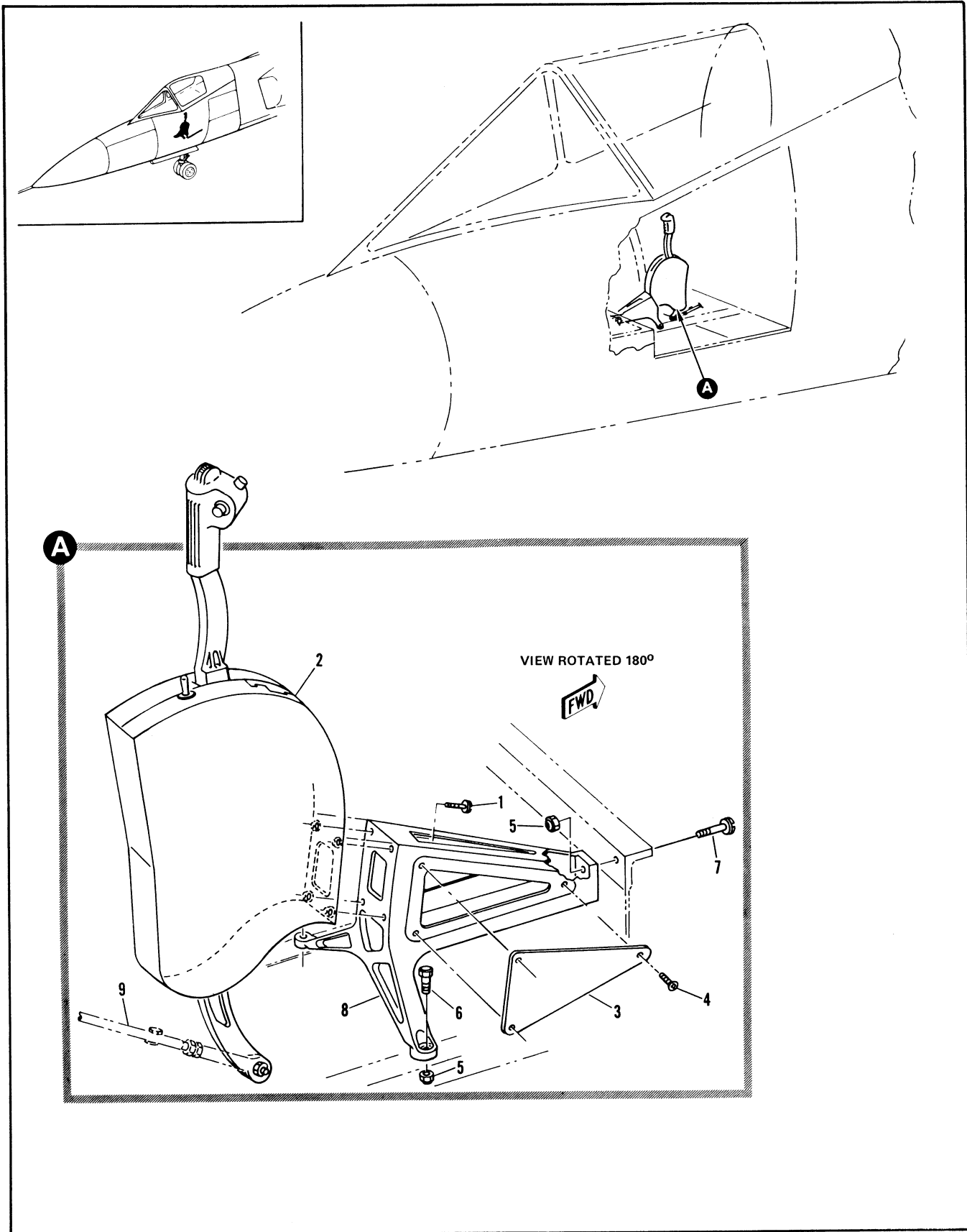


Figure 2.10-2. Power Control Pedestal Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.10-2	8-42701-5	PEDESTAL INSTALLATION, POWER CONTROL FOR NHA SFE FIG. 2.3-5	RF	35	129
	8-42701-801	PEDESTAL INSTALLATION, POWER CKL FOR NHA SEE FIG. 2.3-5	RF	130	
- 1	AN23-11A	• BOLT	4	35	43
	NAS464-3A6	• BOLT	4	44	
- 2	5L4300-803	• QUADRANT ASSY, PILOT POWER CONTROL (78062); T.O. 16R1-3-22-4; REPLACES 5L4300-3, -3A, -3A1, -3B, -3AB, -3A1B, -5, -801, -801A, -5B, -801B AND -801AB; INTERCHANGEABLE AND SUITABLE SUB FOR 5L4300-3ABC.	1	35	
- 3	8-42716	• COVER, QUADRANT SUPPORT ATTACHING PARTS	1	35	
- 4	AN227-10M6	• STUD, FASTENER	3	35	
	8-42673-5	• SUPPORT ASSY, PILOT POWER CONTROL QUADRANT RIVETED REPLACED BY SUITABLE SUB 8-42673-801	1	35	60
	8-42673-801	• SUPPORT ASSY, PILOT POWER CONTROL QUADRANT RIVETED REPLACES SUITABLE SUB FOR 8-42673-5 ATTACHING PARTS	1	61	
- 5	MS21042L4	• NUT	3	35	
- 6	AN4-6A	• BOLT	2	35	
- 7	AN4-7A	• BOLT	1	35	
		----X----			
- 8	8-42673-13	• SUPPORT, MAKE FROM 8-42673-11	1	35	60
	8-42673-15	• SUPPORT, MAKE FROM 8-42673-11	1	61	
	8-42673-11	• SUPPORT	RF		
- 9		• CONTROL ASSY, TELESCOPIC POWER SEE FIG. 2.10-3	RF		

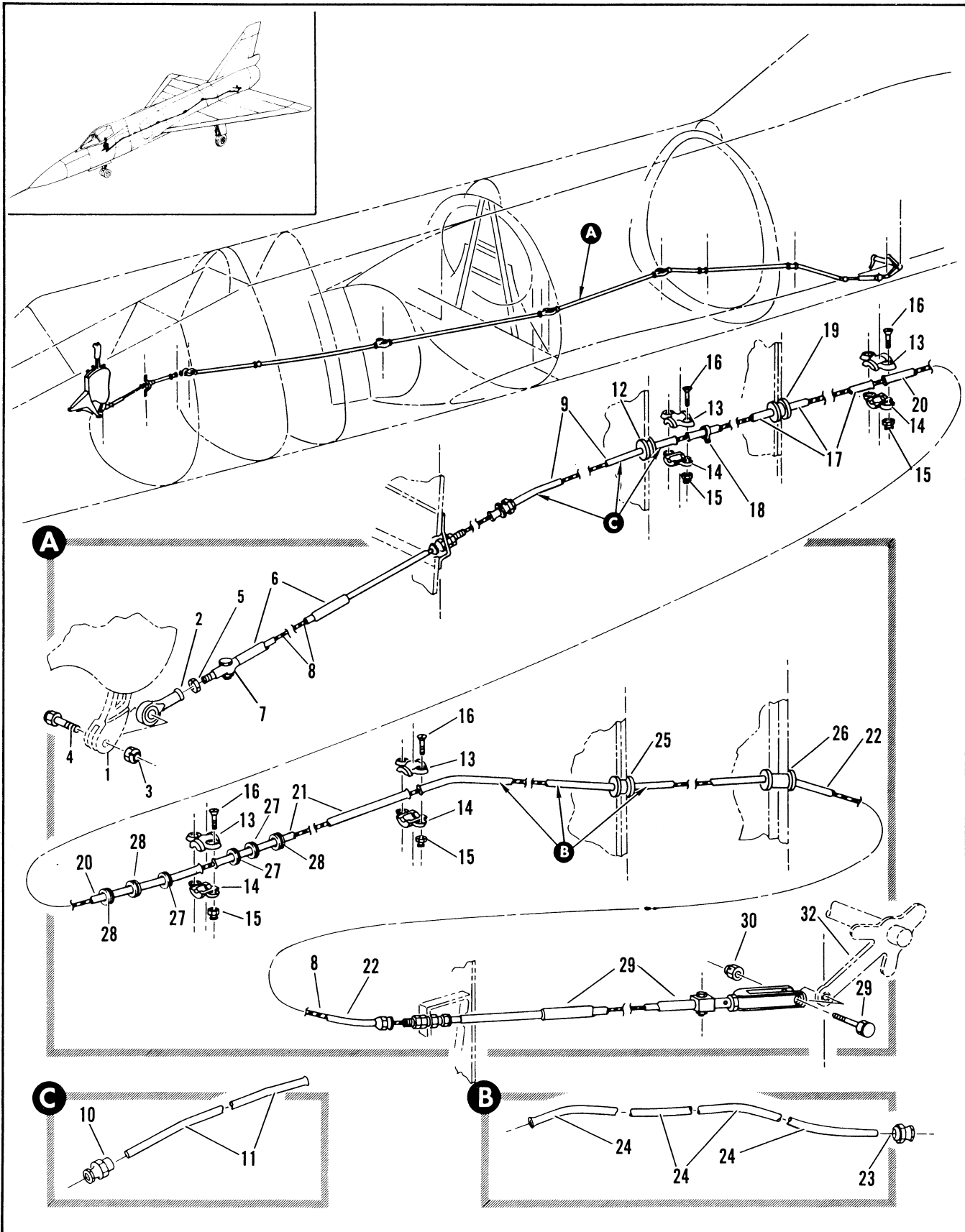


Figure 2.10-3. Power Control Teleflex Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.10-3	8-42705-3	TELEFLEX INSTALLATION, POWER CONTROL FOR NHA SEE FIG. 2.3-3	RF	35	62
	8-42705	TELEFLEX INSTALLATION, POWER CONTROL FOR NHA SEE FIG. 2.3-3	RF	63	277
	8-42705-5	TELEFLEX INSTALLATION, POWER CONTROL FOR NHA SEE FIG. 2.3-3	RF	278	
- 1		• QUADRANT ASSY, PILOT POWER CONTROL SEE FIG. 2.10-2 INDEX 2	RF		
- 2	RE4F5E7416	• BEARING, ROD END <21335> 90-60002-010 ATTACHING PARTS	1	35	
- 3	MS21244-4	• • NUT	1	35	
- 4	MS27576-4-19	• • BOLT	1	35	
		-----X-----			
- 5	AN316-5R	• NUT	1	35	
- 6	16207	• CONTROL ASSY, TELESCOPIC POWER <78710> 92-65800-018	1	35	
- 7	5034	• BOLT	1		
	MS21046C3	• NUT	1		
- 8	8-42705-19	• CABLE, POWER CONTROL ALTERED FROM A7793	1	35	
	A7793	• CABLE, CONTROL <78710>	RF		
- 9	8-42705-21	• CONDUIT ASSY, TELEFLEX POWER CONTROL	1	35	
- 10	A6338	• • NUT, <78710> 96-36503-001	1	35	
- 11	8-42705-7	• • CONDUIT	1	35	
- 12	8-42714-17	• GROMMET, TELEFLEX SUPPORT POWER CONTROL	1	35	
- 13	C7505-2	• CONNECTOR, <78710> 92-35000-001	4	35	
- 14	C7505	• CONNECTOR, <78710> 92-35000-003 ATTACHING PARTS	4	35	
- 15	22FT1032	• NUT, <56878> 96-37525-002	8	35	
- 16	AN509-10R16	• SCREW	8	35	
		-----X-----			
- 17	8-42705-27	• CONDUIT, TELEFLEX POWER CONTROL	1	35	
- 18	AN735-4	• CLAMP STA 240	1		
- 19	8-42714-19	• GROMMET	1	35	
- 20	8-42705-29	• CONDUIT, TELEFLEX POWER CONTROL	1	63	
	C7505-2	• CONNECTOR, <78710> 92-35000-001	1	35	62
	C7505	• CONNECTOR, <78710> 92-35000-003 ATTACHING PARTS	1	35	62
	22FT1032	• NUT, <56878> 96-37525-002	2	35	62
	AN509-10R16	• SCREW	2	35	62
		-----X-----			
	8-42705-35	• CONDUIT, TELEFLEX POWER CONTROL	1	35	62
	8-42705-37	• CONDUIT, TELEFLEX POWER CONTROL	1	35	62
- 21	8-42705-31	• CONDUIT, TELEFLEX POWER CONTROL	1	35	
- 22	8-42705-23	• CONDUIT ASSY, TELEFLEX POWER CONTROL	1	35	
- 23	A6338	• • NUT, <78710> 96-36503-001	1	35	
- 24	8-42705-17	• • CONDUIT	1	35	
- 25	8-42714-21	• GROMMET	1	35	
- 26	8-42714-23	• GROMMET	1	35	
- 27	8-49115	• FAIRLEAD, CONTROL CABLE	3	90	
- 28	8-49115-7	• FAIRLEAD, CONTROL CABLE	3	90	
- 29	11679-1	• TELESCOPIC ASSY, POWER CONTROL <78710> SPEC 8-04285 T.O.2JA8-9-3	1	35	
- 30	MS21244-4	• • NUT	1	35	
- 31	MS27576-4-07	• • BOLT	1	35	
- 32		• BELL CRANK ASSY, TORQUE SHAFT OUTBOARD SEE FIG. 2.10-4 INNEX 6	RF		

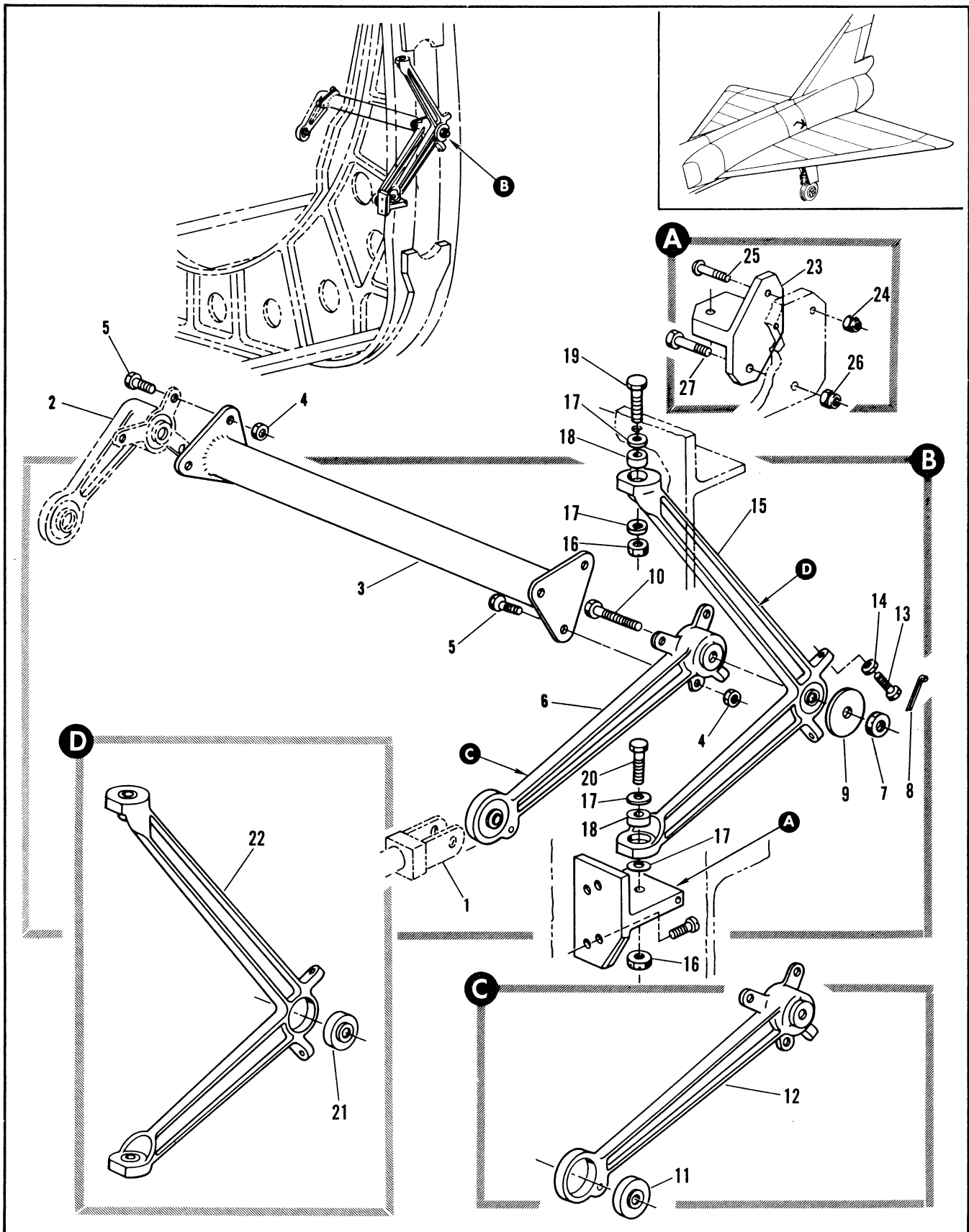


Figure 2.10-4. Power Control Torque Shaft Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.10-4	8-42728-1	SHAFT INSTALLATION, POWER CONTROL TORQUE FOR NHA SEE FIG. 2.3-3	RF	35	
- 1		• CONTROL ASSY, TELESCOPIC POWER SEE FIG. 2.10-3	RF		
- 2		• BELL CRANK ASSY, POWER CONTROL SEE FIG. 2.10-5	RF		
- 3	8-42729-1	• SHAFT ASSY, TORQUE POWER CONTROL WELDED ATTACHING PARTS	1	35	
- 4	MS21042L4	• NUT	6	35	
- 5	NAS464P4A3	• BOLT	6	35	
		-----X-----			
- 6	8-42676-5	• BELL CRANK ASSY, TORQUE SHAFT OUTBOARD ATTACHING PARTS	1	35	
- 7	AN310C4	• NUT			
- 8	MS24665-153	• PIN, COTTER	1	9	
- 9	AN970-4	• WASHER			
- 10	NAS464P4-11	• BOLT			
		-----X-----			
- 11	KS4AE7416	• BEARING, <21335> 90-58001-018	1	35	
- 12	8-42676-7	• BELL CRANK	1	35	
- 13	NAS42RK3-6	• BOLT	2	35	
- 14	AN315C3R	• NUT	2	35	
- 15	8-42674-5	• SUPPORT ASSY, TORQUE SHAFT OUTBOARD	1	35	
	8-42719-3	• SUPPORT ASSY, TORQUE SHAFT ALT INTCHG WITH 8-42674-5 ATTACHING PARTS	RF	35	
- 16	AN310C4	• NUT	2	35	
- 17	AN560C416L	• WASHER	4	35	
- 18	8-42725	• BUSHING, OUTBD TORQUE SHAFT SUPPORT	2	35	
- 19	NAS464P4-7	• BOLT, UPPER	1	35	
- 20	NAS464P4-9	• BOLT, LOWER	1	35	
		-----X-----			
- 21	KS4E7416	• BEARING, <21665> 90-58001-016	1	35	
- 22	8-42674-7	• SUPPORT	1	35	
	8-42719-7	• SUPPORT, USE WITH 8-42719-1	RF	35	
- 23	8-42750	• BRACKET, TORQUE SHAFT SUPPORT ATTACHING PARTS	1	35	
- 24	MS21042L3	• NUT	1	35	
- 25	NAS221-13	• SCREW	1	35	
- 26	NAS679A4	• NUT	1	35	
- 27	NAS1164-6	• BOLT	1	35	
		-----X-----			

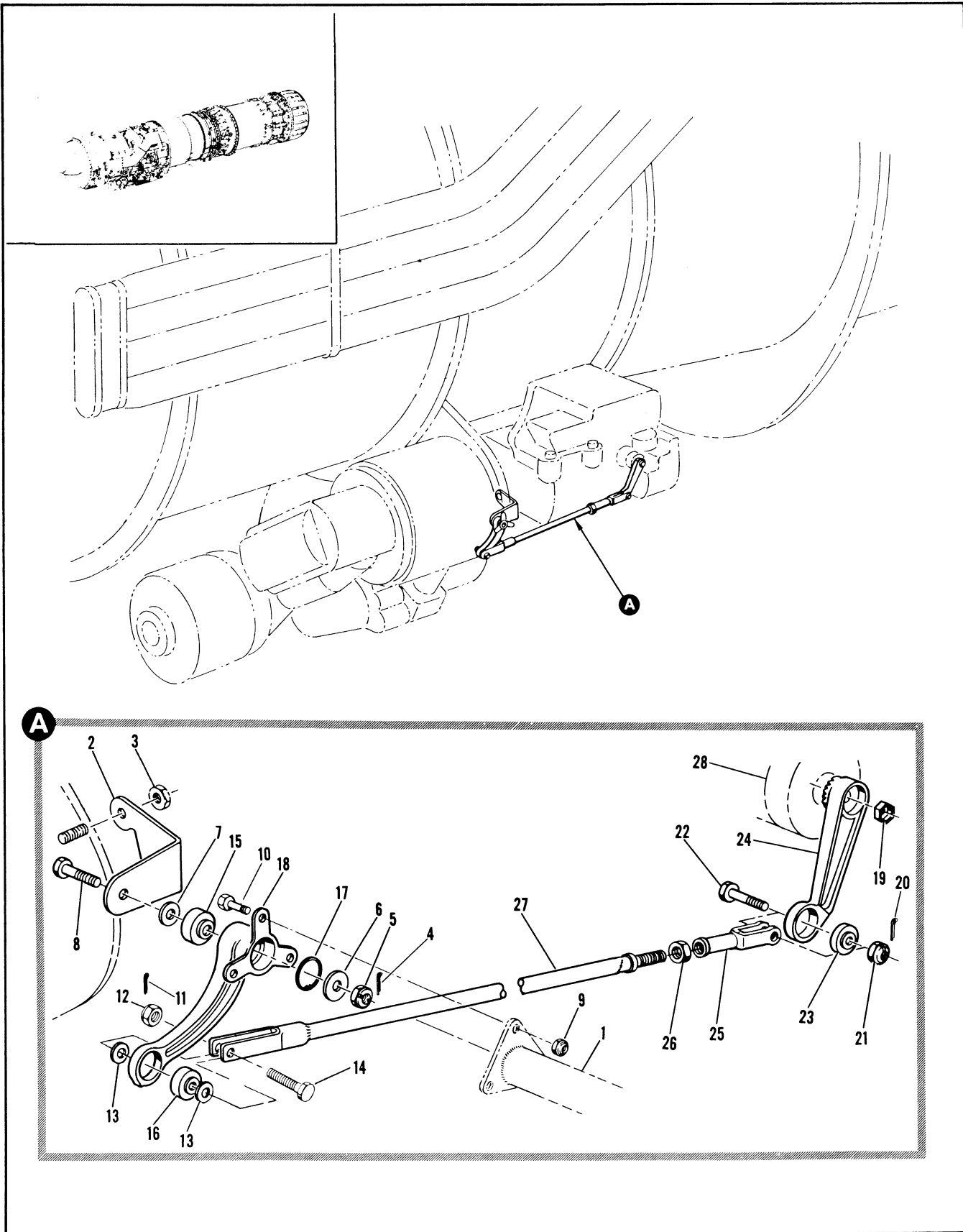


Figure 2.10-5. Power Control Bell Crank Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.10-4	8-42728-1	SHAFT INSTALLATION, POWER CONTROL TORQUE FOR NHA SEE FIG. 2.3-3	RF	35	
- 1		• CONTROL ASSY, TELESCOPIC POWER SEE FIG. 2.10-3	RF		
- 2		• BELL CRANK ASSY, POWER CONTROL SEE FIG. 2.10-5	RF		
- 3	8-42729-1	• SHAFT ASSY, TORQUE POWER CONTROL WELDED ATTACHING PARTS	1	35	
- 4	MS21042L4	• NUT	6	35	
- 5	NAS464P4A3	• BOLT	6	35	
		-----X-----			
- 6	8-42676-5	• BELL CRANK ASSY, TORQUE SHAFT OUTBOARD ATTACHING PARTS	1	35	
- 7	AN310C4	• NUT			
- 8	MS24665-153	• PIN, COTTER	1	9	
- 9	AN97C-4	• WASHER			
- 10	NAS464P4-11	• BOLT			
		-----X-----			
- 11	KS4AE7416	• BEARING, <21335> 90-58001-018	1	35	
- 12	8-42676-7	• BELL CRANK	1	35	
- 13	NAS428K3-6	• BOLT	2	35	
- 14	AN315C3R	• NUT	2	35	
- 15	8-42674-5	• SUPPORT ASSY, TORQUE SHAFT OUTBOARD	1	35	
	8-42719-3	• SUPPORT ASSY, TORQUE SHAFT ALT INTCHG WITH 8-42674-5 ATTACHING PARTS	RF	35	
- 16	AN310C4	• NUT	2	35	
- 17	AN960C416L	• WASHER	4	35	
- 18	8-42725	• BUSHING, OUTBD TORQUE SHAFT SUPPORT	2	35	
- 19	NAS464P4-7	• BOLT, UPPER	1	35	
- 20	NAS464P4-9	• BOLT, LOWER	1	35	
		-----X-----			
- 21	KS4E7416	• BEARING, <21665> 90-58001-016	1	35	
- 22	8-42674-7	• SUPPORT	1	35	
	8-42719-7	• SUPPORT, USE WITH 8-42719-1	RF	35	
- 23	8-42750	• BRACKET, TORQUE SHAFT SUPPORT ATTACHING PARTS	1	35	
- 24	MS21042L3	• NUT	1	35	
- 25	NAS221-13	• SCREW	1	35	
- 26	NAS679A4	• NUT	1	35	
- 27	NAS1104-6	• BOLT	1	35	
		-----X-----			

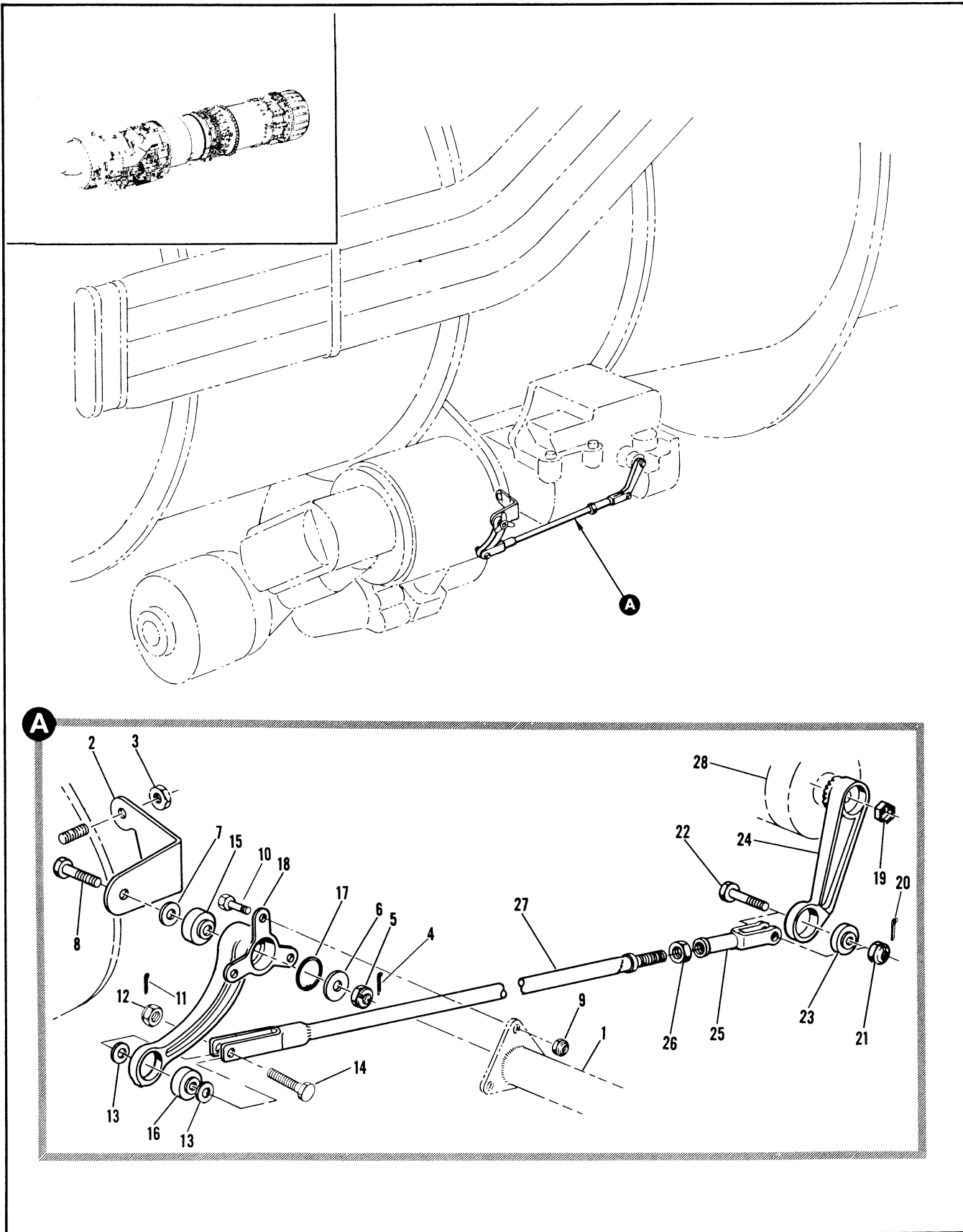


Figure 2.10-5. Power Control Bell Crank Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.10-5	8-42728-5	BELL CRANK INSTALLATION, POWER CONTROL FOR NHA SEE FIG. 2.10-7	RF	35	
- 1		• SHAFT ASSY, TORQUE POWER CONTROL SEE FIG. 2.10-4 INDEX 3	RF		
- 2	351769A *1	• BRACKET	RF	35	
	8-42731-7 *2	• BRACKET	1	35	
		ATTACHING PARTS			
- 3	261703 *1	• NUT, PW	RF	35	
- 4	MS24665-153	• PIN, COTTER	1	35	
- 5	MS21244-4	• NUT	1	35	
- 6	8-42736	• WASHER	1	35	
- 7	AN960C416L	• WASHER	1	35	
- 8	MS27576-4-8	• BOLT	1	35	
		-----X-----			
	8-42690-801	• BELL CRANK ASSY, POWER CONTROL ATTACHING PARTS	1	35	
- 9	MS21042L4	• NUT	3	35	
- 10	NAS464P4A3	• BOLT	3	35	
- 11	MS24665-153	• PIN, COTTER	1	35	
- 12	MS21244-4	• NUT	1	35	
- 13	AN960C416	• WASHER	2	35	
- 14	MS27576-4-89	• BOLT	1	35	
	MS27576-4-10	• BOLT, ALTERNATE	1	35	
		-----X-----			
- 15	KS4AE7416	• BEARING, <21335> 90-58001-018	1	35	
- 16	KS4E7416	• BEARING, <21335> 50-58001-016	1	35	
- 17	NAS50-90	• RING	1	35	
- 18	8-42690-11	• BELL CRANK	1	35	
	8-42744-7	• BELL CRANK, USE WITH 8-42744-1	RF	35	129
	8-42691-5	• BELL CRANK ASSY, FUEL CONTROL REPLACED BY INTCHG WITH 8-42691-801	1	35	
	8-42743-1	• BELL CRANK ASSY, FUEL CONTROL ALT INTCHG WITH 8-42691-5	RF	35	
	8-42691-801	• BELL CRANK ASSY, FUEL CONTROL REPLACES INTCHG WITH 8-42691-5 ATTACHING PARTS	1	130	
- 19	51142-428	• NUT, <56878> 96-37576-001	1	35	
- 20	MS24665-153	• PIN, COTTER	1	35	
- 21	MS21244-4	• NUT	1	35	
- 22	MS27576-4-08	• BOLT	1	35	
		-----X-----			
- 23	KS4AE7416	• BEARING, <21335> 90-58001-018	1		
- 24	8-42691-13	• BELL CRANK, MAKE FROM 8-42691-9	1	35	
	8-42691-9	• BELL CRANK	RF		
	8-42743-9	• BELL CRANK, USE WITH 8-42743-1	RF	35	129
- 25	AN486-1	• CLEVIS	1	35	
- 26	AN316C4R	• NUT	1	35	
- 27	8-42735-1	• ROD ASSY, FUEL CONTROL POWER CONTROL WELDED	1	35	
- 28		• ENGINE ASSY, SEE FIG. 2.10-7	RF		
		*1 FURNISHED WITH PRATT AND WHITNEY ENGINE			
		*2 MAY BE SUBSTITUTED FOR PW BRACKET P/N 351769A REF T.O. 1F-106A-10 SECTION V			

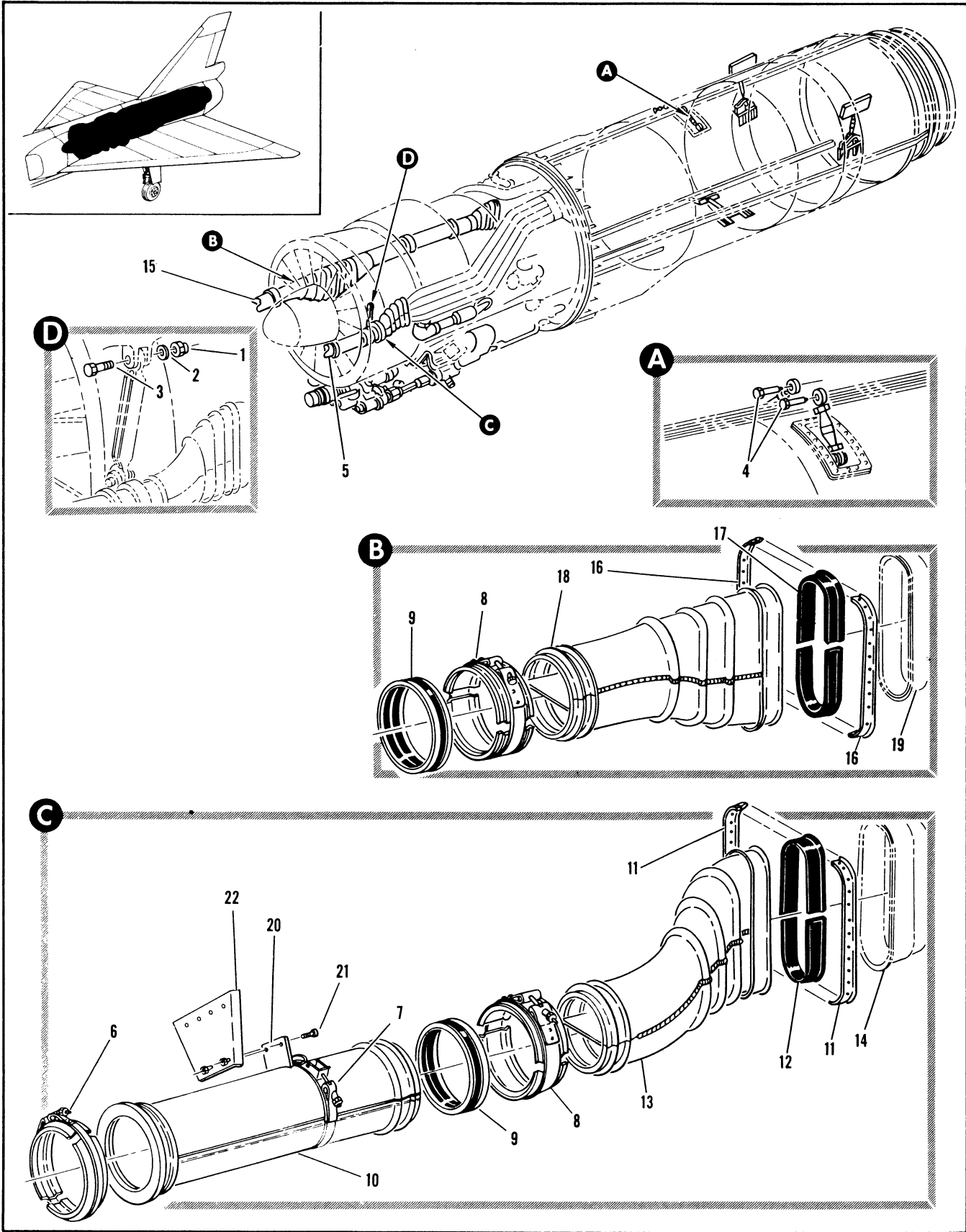


Figure 2.10-6. Power Plant Installation (Sheet 1 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.10-6	8-22094-807	POWER PLANT INSTALLATION FOR NHA SEE FIG. 2.1-1	RF	35	
- 1	AN320C10	• NUT	1	35	
- 2	AN960C1016L	• WASHER	1	35	
- 3	8-26003	• BOLT	1	35	
- 4	8-26957	• BOLT, AFT ENGINE MOUNT	2	35	
- 5	8-22759-3	• DUCT INSTL, ENGINE AIR COOLING	1	35	
		• • DUCT ASSY, SHROUD COOLING LH SEE FIG. 2.10-1 INDEX 12	RF		
- 6	17313-448SH	• • COUPLING, <98625> 92-73005-007	1	35	
- 7	451-75-406SH	• • CLAMP, <98625> 91-97806-001	1	35	
- 8	53861	• • COUPLING, <98625> 92-73007-002	2	35	
- 9	19388-400	• • SLEEVE, <98625> 98-13800-001	2	35	
- 10	8-22750-1	• • DUCT ASSY, ENGINE AIR COOLING LH WELDED	1	35	
	8-22751	• • DUCT ASSY, ENGINE AIR COOLING INTERMEDIATE LH	1	35	
- 11	8-22751-19	• • • RETAINER	2	35	
- 12	8-22751-21	• • • SEAL	1	35	
- 13	8-22751-7	• • • DUCT ASSY, WELDED	1	35	
- 14		• • • DUCT ASSY, COOLING AIR SUPPLY LH SEE FIG. 2.10-8 INDEX 2	RF		
- 15		• • • DUCT ASSY, SHROUD COOLING RH SEE FIG. 2.10-1 INDEX 13	RF		
	8-22752	• • DUCT ASSY, AIR COOLING INTERMEDIATE RH	1	35	
- 16	8-22751-19	• • • RETAINER	2	35	
- 17	8-22751-21	• • • SEAL	1	35	
- 18	8-22752-15	• • • DUCT ASSY, WELDED	1	35	
- 19		• • • DUCT ASSY, COOLING AIR SUPPLY RH SEE FIG. 2.10-8 INDEX 48	RF		
- 20	8-22761-713	• • SUPPORT ATTACHING PARTS	1	35	
- 21	AN520-10R8	• • SCREW	2	35	
- 22	8-22760	• • BRACKET ASSY, RIVETED	1	35	

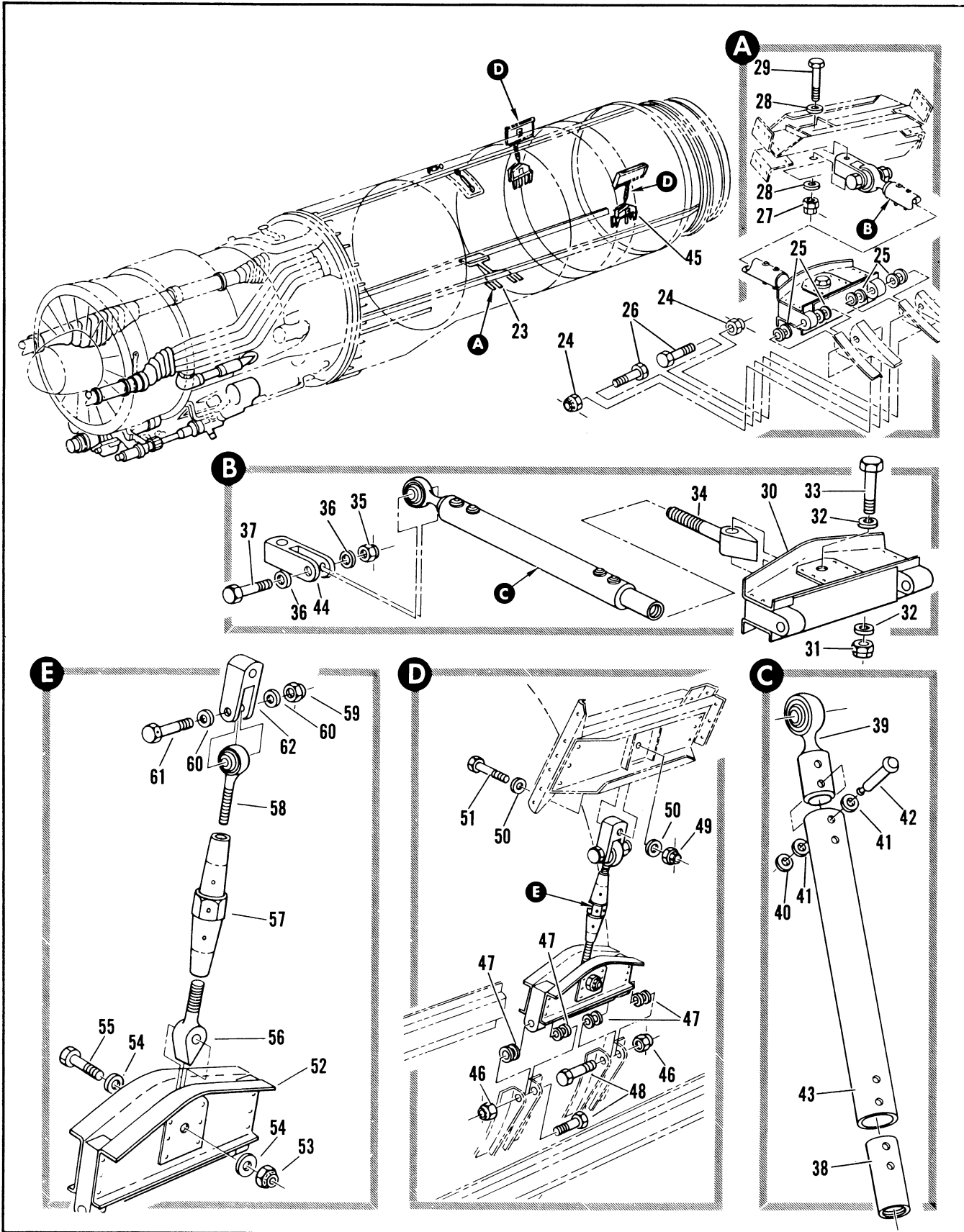


Figure 2.10-6. Power Plant Installation (Sheet 2 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.10-6	8-22684-1	• SUPPORT INSTL, ENGINE COOLING SHROUD	1	35	
- 23	8-22684-7	• • STRUT ASSY, ENGINE COOLING ATTACHING PARTS	1	35	
- 24	AN310-3	• • NUT	2	35	
- 25	AN960-10L	• • WASHER	8	35	
- 26	AN173-11	• • BOLT	2	35	
- 27	AN310-4	• • NUT	1	35	
- 28	AN960-416L	• • WASHER	2	35	
- 29	AN174-14	• • BOLT	1	35	
		-----X-----			
- 30	8-22684-13	• • • BEAM ASSY, ENGINE COOLING SHROUD WELDED ATTACHING PARTS	1	35	
- 31	AN310-4	• • • NUT	1	35	
- 32	AN960-416L	• • • WASHER	2	35	
- 33	AN174-10	• • • BOLT	1	35	
		-----X-----			
	8-22692-7	• • • • SPACER, ENGINE SHROUD SUPPORT	2	35	
	8-22692-9	• • • • SPACER, ENGINE SHROUD SUPPORT	2	35	
- 34	8-22695-9	• • • BOLT, EYE ENGINE SHROUD SUPPORT TURNBUCKLE	1	35	
	8-22684-49	• • • ROD ASSY, ENGINE COOLING SHROUD ATTACHING PARTS	1	35	
- 35	AN310-4	• • • NUT	1	35	
- 36	AN960-416L	• • • WASHER	2	35	
- 37	AN174-11	• • • BOLT	1	35	
		-----X-----			
- 38	8-22693	• • • • ADAPTER	1	35	
- 39	8-22694	• • • • ADAPTER ATTACHING PARTS	1	35	
- 40	LC-R6	• • • • COLLAR, <29666> 92-17000-200	4	35	
- 41	AN960-10L	• • • • WASHER	8	35	
- 42	ALPPH-T6-14	• • • • LOCKBOLT, <29666> 96-79002-613	4	35	
		-----X-----			
- 43	8-22684-37	• • • • ROD	1	35	
- 44	8-22690-7	• • • UNIVERSAL	1	35	
	8-22683-3	• SUPPORT INSTL, UPPER ENGINE COOLING SHROUD	1	35	
- 45	8-22683-23	• • SUPPORT ASSY, UPPER ENGINE COOLING SHROUD ATTACHING PARTS	2	35	
- 46	AN310-3	• • NUT	4	35	
- 47	AN960-10L	• • WASHER	16	35	
- 48	AN173-11	• • BOLT	4	35	
- 49	AN310-4	• • NUT	4	35	
- 50	AN960-416L	• • WASHER	2	35	
- 51	AN174-14	• • BOLT	4	35	
		-----X-----			
- 52	8-22684-13	• • • BEAM ASSY, ENGINE COOLING ATTACHING PARTS	1	35	
- 53	AN310-4	• • • NUT	1	35	
- 54	AN960-416L	• • • WASHER	2	35	
- 55	AN174H10	• • • BOLT	1	35	
		-----X-----			
- 56	8-22695-7	• • • BOLT, EYE SHROUD SUPPORT TURNBUCKLE	1	35	
- 57	8-22689	• • • BARREL, ENG SHROUD SUPPORT TURNBUCKLE	1	35	
- 58	8-22691	• • • BOLT, EYE ENGINE SHROUD SUPPORT TURNBUCKLE ATTACHING PARTS	1	35	
- 59	AN310-4	• • • NUT	1	35	
- 60	AN960-416L	• • • WASHER	2	35	
- 61	AN174H11	• • • BOLT	1	35	
		-----X-----			
- 62	8-22690-7	• • • UNIVERSAL	1	35	

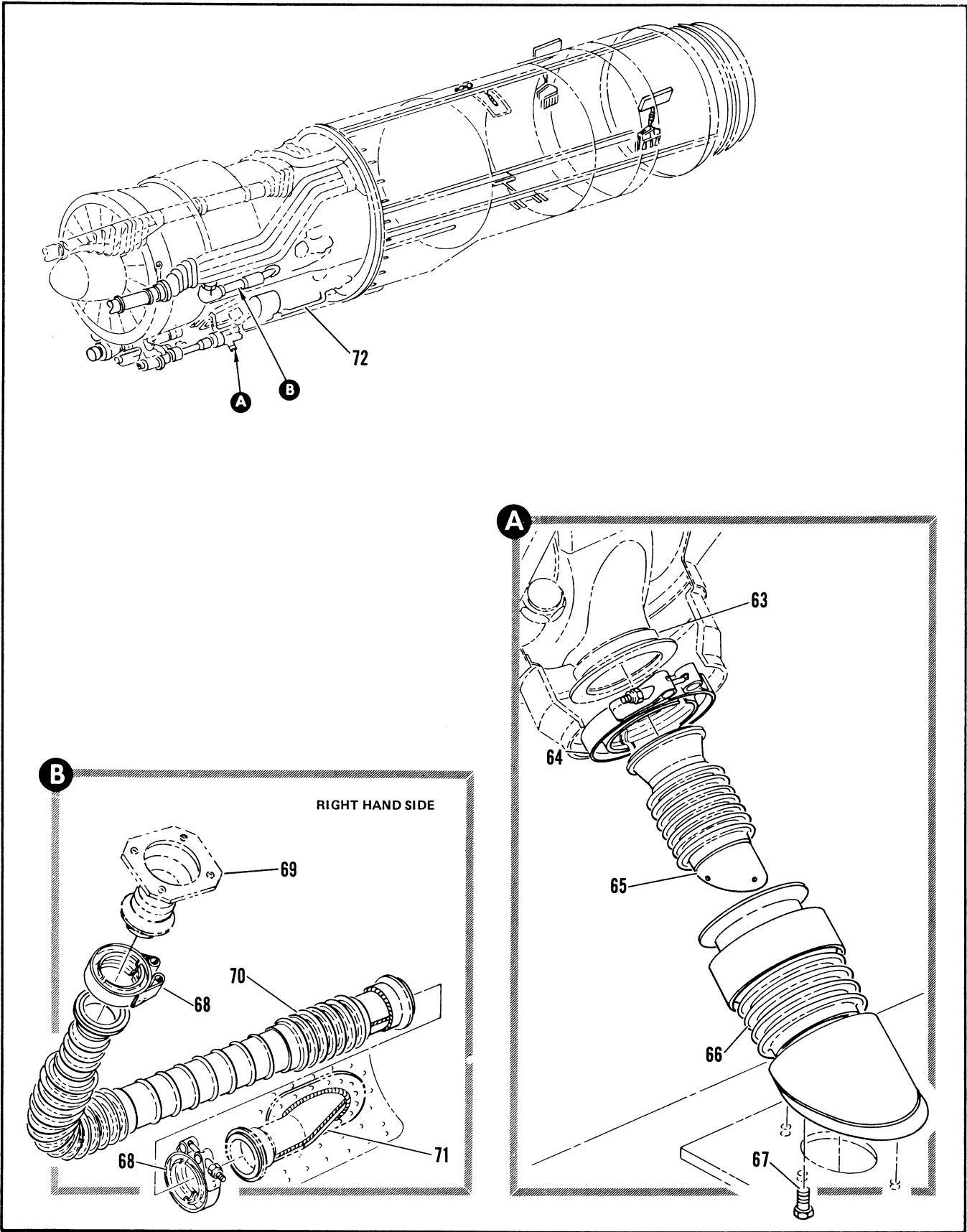


Figure 2.10-6. Power Plant Installation (Sheet 3 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.10-6	8-22808-803	• DUCT INSTL, COMBUSTION STARTER EXHAUST	1	35	
- 63		• • STARTER, CARTRIDGE/PNEUMATIC SEE FIG. 2.10-7, INDEX 73	RF		
- 64	4404-450M	• • COUPLING, <98625> 92-73003-008	1	35	
- 65	400B1003	• • DUCT ASSY, <04958> SPEC 8-00250	1	35	
- 66	400B1002	• • DUCT ASSY, <04958> SPEC 8-00251	1	35	
- 67	NAS333PA5-5	• • BOLT -----X----	7	35	
	8-28238-801	• DUCT INSTL, ENGINE OIL BREATHER	1	35	
- 68	16985-173	• • COUPLING, <98625> 92-73003-011	2	35	
- 69		• • FLANGE, OIL BREATHER DUCT UPPER SEE FIG. 2.10-7 INDEX 30	RF	35	
- 70	8-22316	• • DUCT ASSY, ENGINE OIL BREATHER WELDED	1	35	
	8-22316-1	• • DUCT ASSY, ENGINE OIL BREATHER WELDED ALT INTCHG WITH 8-22316	RF	35	
- 71		• • DUCT ASSY, ENGINE OIL BREATHER LWR SEE FIG. 10-1 INDEX 51	RF		
- 72	8-22095-827	• ENGINE ASSY, J75P17 TURBOJET FOR BREAKDOWN SEE FIG. 2.10-7	1	35	38
	8-22095-857	• ENGINE ASSY, J75P17 TURBOJET FOR BREAKDOWN SEE FIG. 2.10-7	1	39	43
	8-22095-855	• ENGINE ASSY, J75P17 TURBOJET FOR BREAKDOWN SEE FIG. 2.10-7	1	A	
	8-22095-869	• ENGINE ASSY, J75P17 TURBOJET FOR BREAKDOWN SEE FIG. 2.10-7	1	B	
	8-22095-853	• ENGINE ASSY, J75P17 TURBOJET FOR BREAKDOWN SEE FIG. 2.10-7	1	61	89
	8-22095-867	• ENGINE ASSY, J75P17 TURBOJET FOR BREAKDOWN SEE FIG. 2.10-7	1	90	102
	8-22095-861	• ENGINE ASSY, J75P17 TURBOJET FOR BREAKDOWN SEE FIG. 2.10-7	1	103	129
	8-22095-863	• ENGINE ASSY, J75P17 TURBOJET FOR BREAKDOWN SEE FIG. 2.10-7	1	130	159
	8-22095-871	• ENGINE ASSY, J75P17 TURBOJET FOR BREAKDOWN SEE FIG. 2.10-7	1	160	188
	8-22095-873	• ENGINE ASSY, J75P17 TURBOJET FOR BREAKDOWN SEE FIG. 2.10-7	1	189	
		A AIRPLANES #44 THRU 51 AND 54 B AIRPLANES #52, 53, AND 55 THRU 60			

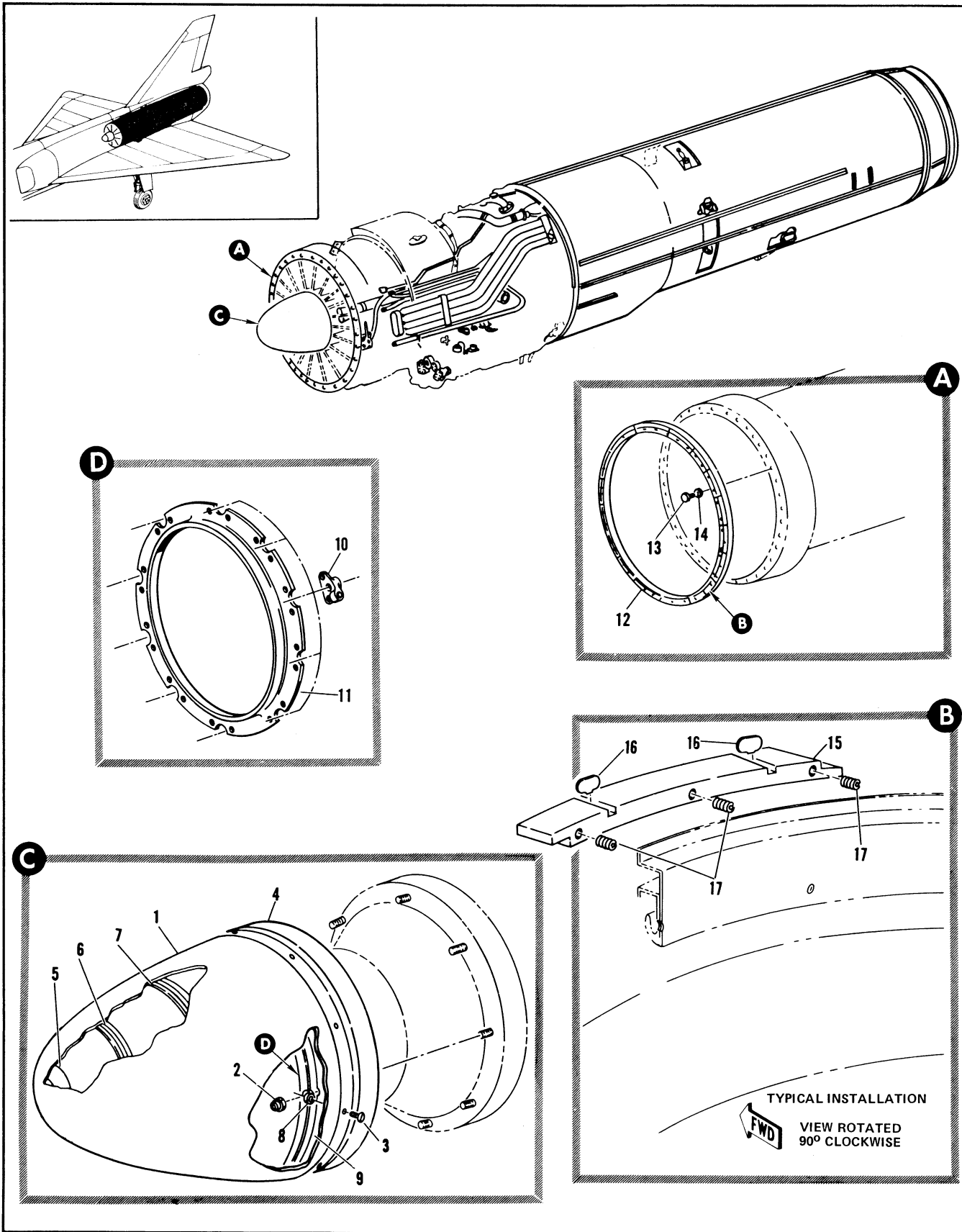


Figure 2.10-7. Turbojet Engine Assembly (Sheet 1 of 9)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.10-7	8-22095-827	ENGINE ASSEMBLY, J75P17 TURBOJET FOR NHA SEE FIG. 2.10-6	RF	35	38
	8-22095-857	ENGINE ASSEMBLY, J75P17 TURBOJET FOR NHA SEE FIG. 2.10-6	RF	39	43
	8-22095-855	ENGINE ASSEMBLY, J75P17 TURBOJET MODIFIED BY 8-21886 FOR NHA SEE FIG. 2.10-6	RF	A	
	8-22095-869	ENGINE ASSEMBLY, J75P17 TURBOJET FOR NHA SEE FIG. 2.10-6	RF	8	
	8-22095-853	ENGINE ASSEMBLY, J75P17 TURBOJET FOR NHA SEE FIG. 2.10-6	RF	61	89
	8-22095-867	ENGINE ASSEMBLY, J75P17 TURBOJET FOR NHA SEE FIG. 2.10-6	RF	90	102
	8-22095-861	ENGINE ASSEMBLY, J75P17 TURBOJET FOR NHA SEE FIG. 2.10-6	RF	103	129
	8-22095-863	ENGINE ASSEMBLY, J75P17 TURBOJET FOR NHA SEE FIG. 2.10-6	RF	130	159
	8-22095-871	ENGINE ASSEMBLY, J75P17 TURBOJET FOR NHA SEE FIG. 2.10-6	RF	160	188
	8-22095-873	ENGINE ASSEMBLY, J75P17 TURBOJET FOR NHA SEE FIG. 2.10-6	RF	189	
	500-00800A	KIT A, ENGINE BUILDUP SEE T.O. 1F-106A-10	RF	35	
	500-00800B	KIT B, ENGINE BUILDUP SEE T.O. 1F-106A-10	RF	35	102
	500-00800C	KIT C, ENGINE BUILDUP SEE T.O. 1F-106A-10	RF	44	
	500-00800D	KIT D, ENGINE BUILDUP SEE T.O. 1F-106A-10	RF	103	
	500-00800E	KIT E, ENGINE BUILDUP SEE T.O. 1F-106A-10	RF	35	43
	500-00800F	KIT F, ENGINE BUILDUP SEE T.O. 1F-106A-10	RF	35	65
	8-22118	• FAIRING INSTL, ENGINE AIR INTAKE	1	35	
- 1	8-22118-29	• • CONE ASSY	1	160	
		ATTACHING PARTS			
- 2	MS21042L4	*1 • • NUT	10	35	176
	AN75A10	*2 • • BOLT (REPLACED BY MS20074-05-11, NOT INTERCHG WITH AN75A10)	10	35	176
	MS20074-05-11	• • BOLT, USE WITH FRONT SUPPORTS EQUIPPED WITH TWININSERT ONLY	10	35	
- 3	AN502-416-6	• • SCREW	10	35	176
		-----X-----			
- 4	8-22119	• • • RING	1	35	89
	8-22119-1	• • • RING	1	90	102
	8-22119-3	• • • RING	1	103	
	8-22121	• • • LINER ASSY, J75 ENGINE FAIRING RIVETED	1	35	
- 5	8-22123	• • • • CAP	1	35	
- 6	8-22125	• • • • RING, STIFFENER J75 ENGINE FAIRING	1	35	
	8-22125-15	• • • • RING, STIFFENER J75 ENGINE FAIRING ALT INTCHG WITH 8-22125	RF	35	
- 7	8-22125-1	• • • • RING, STIFFENER J75 ENGINE FAIRING	1	35	
	8-22125-17	• • • • RING, STIFFENER J75 ENGINE FAIRING ALT INTCHG WITH 8-22125-1	RF	35	
- 8	8-22127	• • • SPACER	20	35	
	8-22111-1	• • • CONE	1	35	
- 9	8-22124	*1 • • RING ASSY, ENGINE AIR INTAKE REPLACED BY NOT INTCHG WITH 8-22124-1	1	35	176
	8-22124-1	• • RING ASSY, ENGINE AIR INTAKE REPLACES NOT INTCHG WITH 8-22124	1	177	
- 10	8-22120-7	• • • FITTING	13	35	
	8-22122	• • • FITTING, ALT INTCHG WITH 8-22120-7	RF	35	
- 11	8-22124-7	• • • RING	1	35	
- 12	8-22105-1	• SEAL ASSY, ENGINE AIR INTAKE ATTACHING PARTS	1	35	
- 13	AN103807	• BOLT	40	35	
- 14	AN966PD416L	• WASHER	40	35	
		-----X-----			
- 15	8-22106	• • SEAL	16	35	
- 16	8-22107-7	• • STOP	32	35	
- 17	8-22108	• • SPRING	48	35	
		A AIRPLANES #44 THRU 51 AND 54 B AIRPLANES #52, 53, AND 55 THRU 60 *1 USE WITH ENGINES WITH STUDS *2 USE WITH ENGINES WITHOUT STUDS			

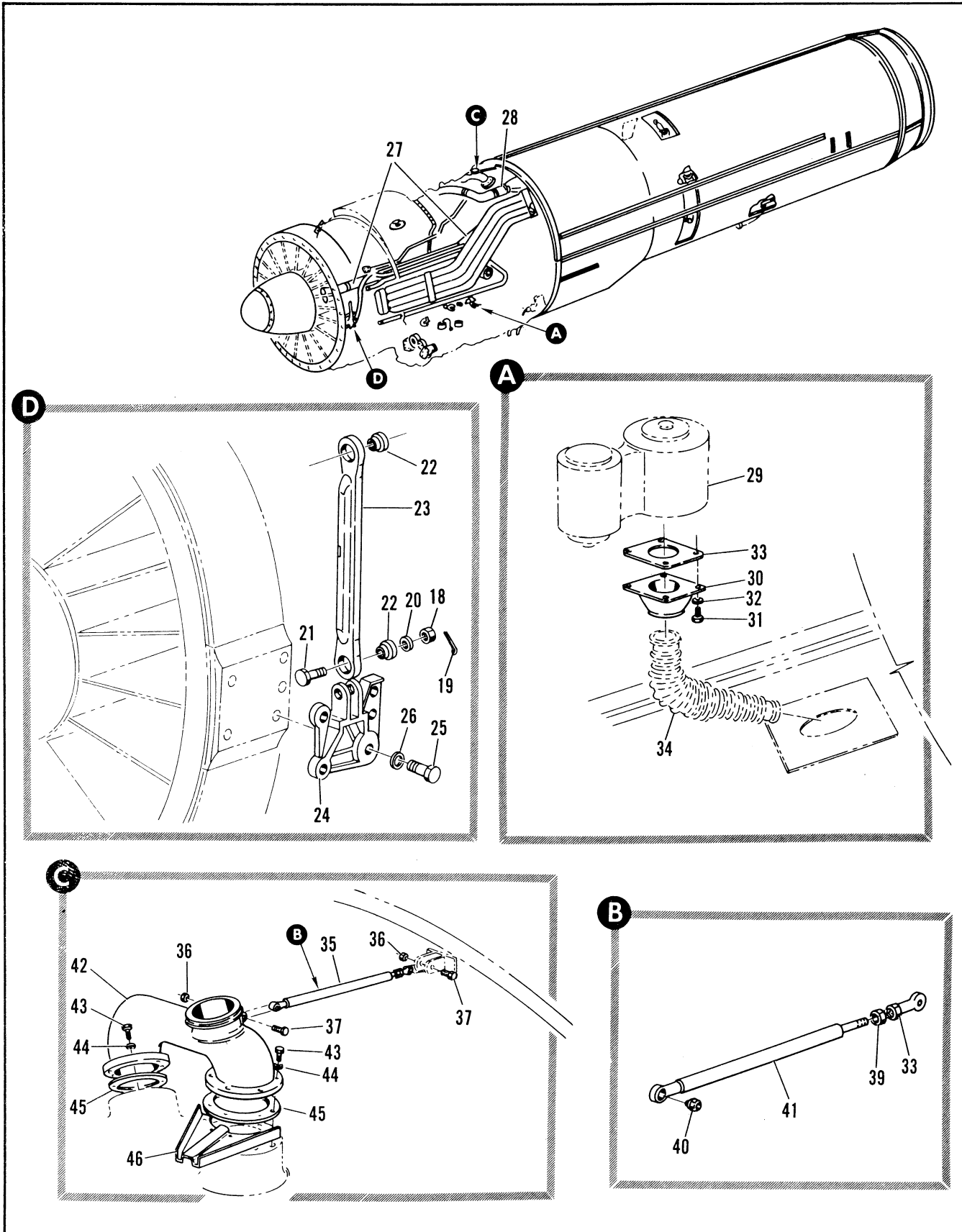


Figure 2.10-7. Turbojet Engine Assembly (Sheet 2 of 9)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.10-7	8-22969-1 8-22964	• LINK ASSY, ENGINE SUPPORT LH • LINK ASSY, ENGINE SUPPORT LH ALT INTCHG WITH 8-22969-1 ATTACHING PARTS	1 RF	35 35	
- 18	AN320C10	• WASHER	1	35	
- 19	AN381-4-24	• PIN, COTTER	1	1	35
- 20	AN960C1016L	• NUT	1	35	
- 21	8-26003	• BOLT	1	35	
		-----X-----			
- 22	BSSN10545	• • BEARING, <81376> 90-60003-001	2	35	
- 23	8-22969-7 P-22969 8-22964-7	• • LINK, MAKE FROM 8-22969 • • LINK • • LINK, ALT INTCHG WITH 8-22969-7	1 RF RF	35 35 35	
- 24	8-22968-7 8-22967	• SUPPORT, ENGINE FWD LH • SUPPORT, ENGINE FWD LH ALT INTCHG WITH 8-22968-7	1 RF	35 35	
- 25	MS20009H8	• BOLT	5	35	
- 26	MS20002C9	• WASHER	5	35	
- 27	8-22799-1	• DUCT INSTL, ENGINE COOLING AIR SUPPLY STA 487 TO 560 FOR BREAKDOWN SEE FIG. 2.10-8	1	35	60
	8-22799-5	• DUCT INSTL, ENGINE COOLING AIR SUPPLY STA 487 TO 560 FOR BREAKDOWN SEE FIG. 2.10-8	1	61	
- 28	8-22762	• DUCT INSTL, SHROUD GROUND COOLING FOR BREAKDOWN SEE FIG. 2.10-11	1	35	38
	8-22762-1	• DUCT INSTL, SHROUD GROUND COOLING FOR BREAKDOWN SEE FIG. 2.10-11	1	39	
- 29	8-28238-5 279900	• DUCT INSTL, ENGINE OIL BREATHER • VALVE ASSY, BREATHER PRESSURE PW FURNISHED WITH J75P17 ENGINE	1 RF	35 35	
- 30	8-22315-7	• • FLANGE, OIL BREATHER DUCT UPPER ATTACHING PARTS	1	35	
- 31	AN74A6	• • BOLT	4	35	
- 32	AN960C416	• • WASHER	4	35	
		-----X-----			
- 33	8-22317	• • GASKET	1	35	
- 34		• • DUCT ASSY, ENGINE OIL BREATHER SEE FIG. 2.10-6 INDEX 73	RF		
- 35	8-23240-1 8-23227	• DUCT INSTL, ENGINE BLEED AIR MANIFOLD • ROD ASSY, MANIFOLD BLEED AIR DUCT SUPPORT ATTACHING PARTS	1 1	35 35	
- 36	MS20500-428	• • NUT	2	35	
- 37	AN4C13A	• • BOLT	2	35	
		-----X-----			
- 38	H4CR	• • • BEARING <81629> 90-60016-001	1	35	
- 39	AN315C5R 8-23227-7	• • • NUT • • • ROD ASSY, SUPPORT	1 1	35 35	
- 40	HSBY4CR	• • • BEARING <81629> 90-60011-003	1	35	
- 41	8-23227-9	• • • ROD ASSY, RIVETED	1	35	
- 42	8-23213-1	• • DUCT ASSY, ENGINE BLEED AIR MANIFOLD WELDED ATTACHING PARTS	1	35	
- 43	AN5CH5A	• • BOLT	12	35	
- 44	AN960C516	• • WASHER	12	35	
		-----X-----			
- 45	C3125C	• • SEAL, <97968> 94-16013-013	2	35	
- 46	8-22798	• SUPPORT	1	35	

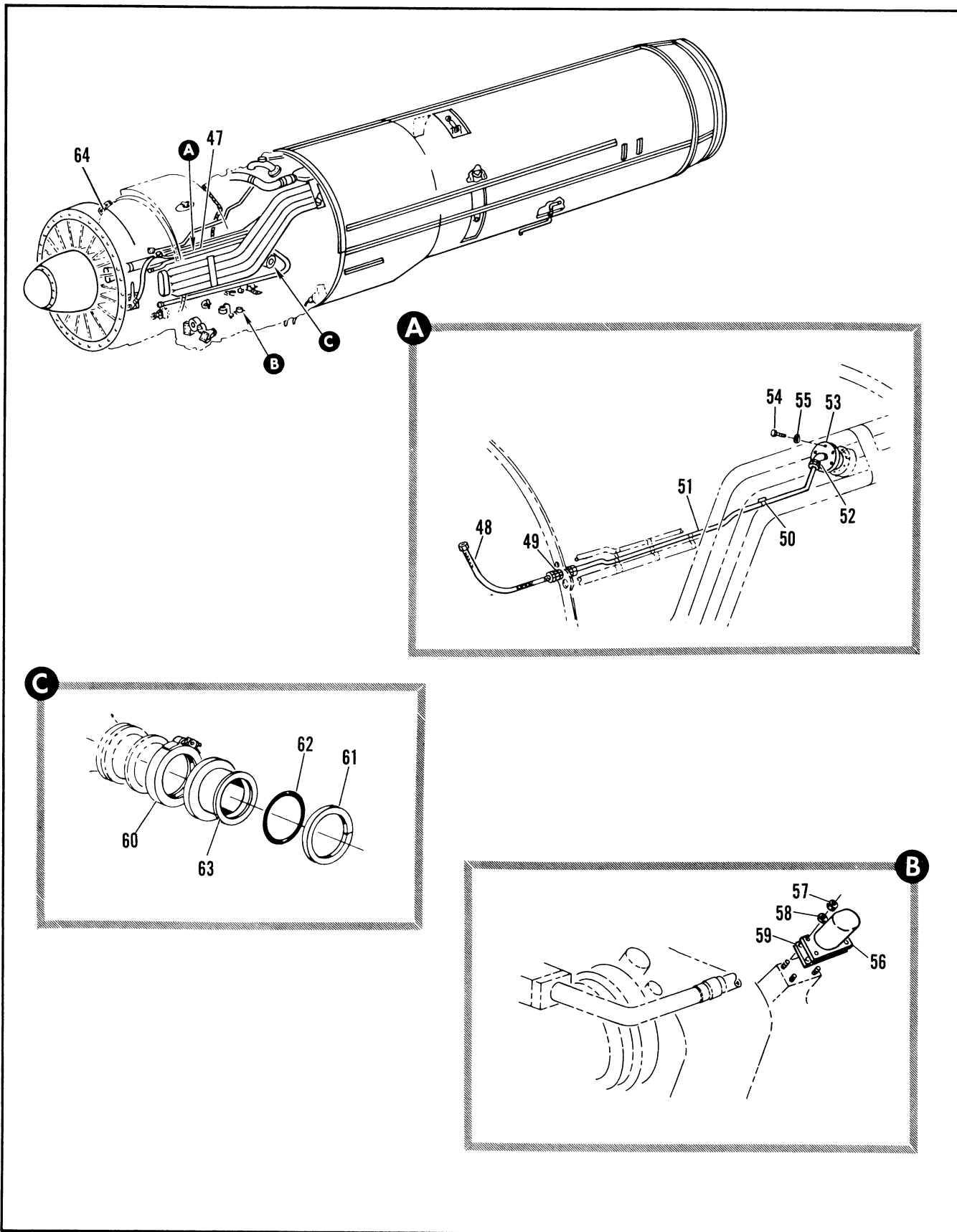


Figure 2.10-7. Turbojet Engine Assembly (Sheet 3 of 9)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.10-7- 47	8-38097-801	• TUBING INSTL, PRESSURE RATIO INDICATOR STA 481 AND AFT FOR BREAKDOWN SEE FIG. 2.10-20	1	35	43
	8-38097-807	• TUBING INSTL, PRESSURE RATIO INDICATOR STA 481 AND AFT FOR BREAKDOWN SEE FIG. 2.10-20	1	44	
	8-26700-1	• TUBING INSTL, ENGINE BLEED AIR CONTROL OIL COOLER STA 487 TO 544	1	35	
- 48	R9800S4-0176	• HOSE ASSY, <50599> 94-80545-005	1	35	
- 49	MS21903-4	• UNION	1	35	
	95-71003-003	• NUT	1	35	
- 50	8-26700-17	• BRACKET	1	35	
- 51	8-26700-11	• TUBE ASSY, BLEED AIR	1	35	
- 52	MS21908-4	• ELBOW	1	35	
	95-71003-003	• NUT	1	35	
	AN900-7	• GASKET	1	35	
- 53	8-22795	• ADAPTER, ENGINE BLEED AIR PORT ATTACHING PARTS	1	35	
- 54	AN5CH5A	• BOLT	6	35	
- 55	AN960C516	• WASHER	6	35	
		-----X-----			
- 56	MS28054-2	• GENERATOR, TACHOMETER AERNO61-8731 GFAE	1	0	
	22A554	• GENERATOR, TACHOMETER <25140> TYPE GEU-71A AERNO61-8732 GFAE ATTACHING PARTS	1	160	277
- 57	MS21042L4	• NUT, 96-37545-003	4	35	
- 58	AN960PD416	• WASHER	4	35	
		-----X-----			
- 59	AN4045-1	• GASKET	1	35	
- 60	17266-609SH	• COUPLING, <98625> 92-73010-005	2	35	
	8-22737	• ADAPTER ASSY, COMPRESSOR BLEED	1	35	
- 61	8-22737-15	• RING	1	35	
- 62	8-27764	• SEAL	1	35	
- 63	8-22737-17	• DUCT ASSY, WELDED	1	35	
	8-65146	• BRACKET INSTL, ENGINE MOUNTING HARNESS	1	35	89
	8-65146-5	• BRACKET INSTL, ENGINE MOUNTING HARNESS	1	90	129
	8-65146-3	• BRACKET INSTL, ENGINE MOUNTING HARNESS	1	130	
	8-65146-7	• GROUND STUD ASSEMBLY	1	35	
	NAS679A4	• NUT, GROUND STUD	1	35	
	AN316-4R	• NUT, GROUND STUD	1	35	
	AN935-416L	• WASHER, GROUND STUD	2	35	
	AN960C416L	• WASHER, GROUND STUD	4	35	
	NAS428-4-12	• BOLT, GROUND STUD	1	35	
- 64	8-65145-11	• BRACKET	1	35	129
	8-65145-13	• BRACKET	1	130	
	8-67420-7	• CLIP, ENGINE SUPPORT HARNESS	10	35	
	8-67420-9	• CLIP, ENGINE SUPPORT HARNESS	3	35	
D AIRPLANES #35 THRU 159, 278 AND ON					

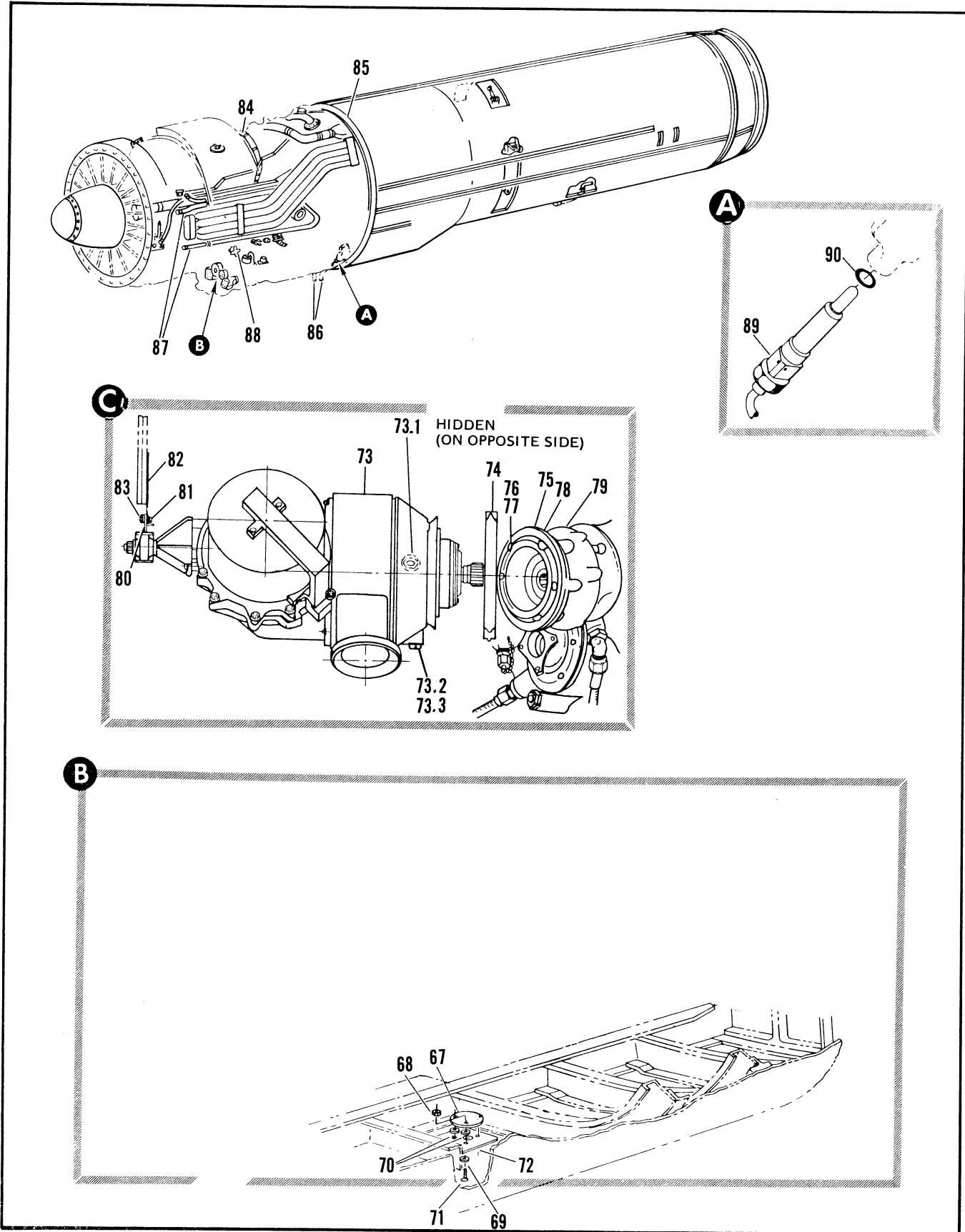


Figure 2.10-7. Turbojet Engine Assembly (Sheet 4 of 9)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.10-7	8-22808-8C1	• STARTER INSTL, MODIFIED BY 3501172 (99193)	1	35	
- 65	DELETED				
- 66	DELETED				
- 67	3501656-1	• COVER ATTACHING PARTS	1		
- 68	MS20365-1032	• • NUT SELF LOCKING	3		
- 69	AN960-10	• • WASHER	3		
- 70	DELETED				
- 71	MS24694C53	• • SCREW -----X-----	3		
- 72	60874066	• • PLATE, DRAIN VALVE RIVETED	1		
- 73	3505056-1-1	• STARTER CARTRIDGE-PNEUMATIC (99193)	1	35	
- 73.1	S9413-111	• O-RING SEAL, OIL LEVEL FILLER PLUG	1		
- 73.2	AN814-4	• DRAIN PLUG	1		
- 73.3	S9143-110	• O-RING SEAL, DRAIN PLUG	1		
- 74	234-514-9016	• • CLAMP	1	35	
- 75	353992	• • FLANGE, ADAPTER STARTER ATTACHING PARTS	1	35	
- 76	NAS679A6	• • NUT	6	35	
- 77	AN960-616L	• • WASHER	6	35	
- 78	AN4047-1	• • GASKET	1	35	
- 79	708682	• GEARBOX ASSY, ENGINE MOUNTED FOR BREAKDOWN SEE FIG. 2.10-32	1	35	
- 80	3501518-1	• BRACKET	1	35	
- 81	MS21280-07	• • BOLT	2	35	
- 82	MS16212-12	• • WASHER	3	35	
- 83	MS21043-4	• • NUT	2	35	
- 84	8-20393-1	• TUBING INSTL, POWER PLANT VENT AND DRAIN FOR BREAKDOWN SEE FIG. 2.10-18	1	35	
	8-20393-3	• TUBING ASSY, POWER PLANT VENT AND DRAIN FOR BREAKDOWN SEE FIG. 2.10-17			
- 85	8-22739-1	• ADAPTER INSTL, ENGINE FIRE SEAL FOR BREAKDOWN SEE FIG. 2.10-9			
- 86	8-20397-835	• TUBING INSTL, ENGINE FUEL PRESS FOR BREAKDOWN SEE FIG. 2.12-60			
- 87	8-28267-5	• TUBING INSTL, ENGINE OIL FOR BREAKDOWN SEE FIG. 2.10-15			
- 88	8-42728-5	• BELL CRANK INSTL, POWER CONTROL FOR BREAKDOWN SEE FIG. 2.10-5			
- 89	25633151	• SENSOR, ENGINE FUEL TEMP ENVELOPE 80234 SPEC 8-00912 T.O. 803-10-6-13 REPLACED BY SUITABLE SUB 25633151-01			
	25633151-01	• SENSOR, ENGINE FUEL TEMP ENVELOPE 80234 SPEC 8-00912 T.O. 803-10-6-13 REPLACES 25633151			
- 90	MS29512-12	• GASKET	1	35	

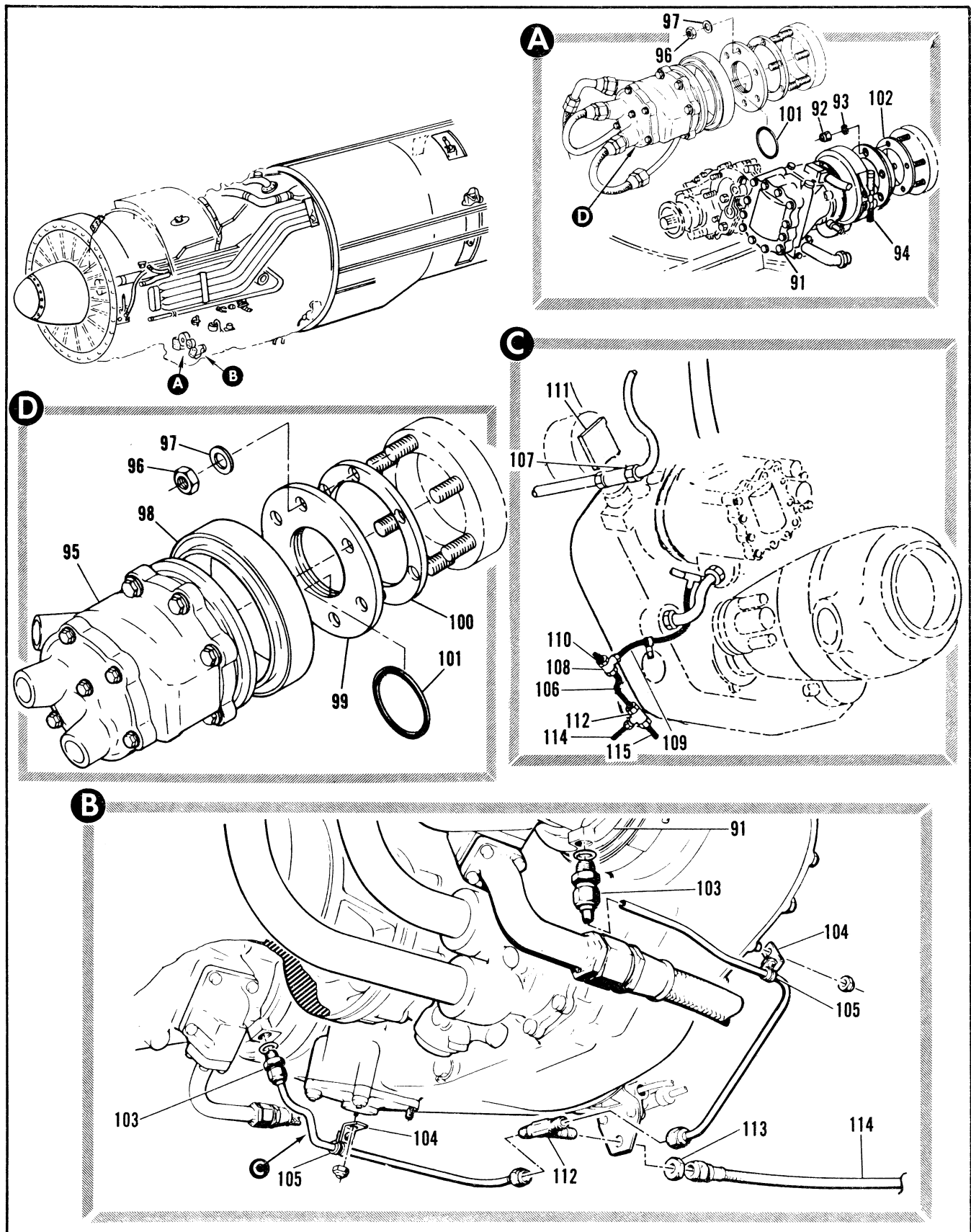


Figure 2.10-7. Turbojet Engine Assembly (Sheet 5 of 9)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.10-7	8-81320-3	• PUMP INSTL, HYDRAULIC	1	35	
- 91	AA60691L6A	. . PUMP ASSY, PRIMARY LH (62983) SPEC 8-08478-11 T.O. 9H4-2-36-63	1	35	
		ATTACHING PARTS			
- 92	NAS679A6	. . . NUT	6	35	
- 93	AN960-616L	. . . WASHER	6	35	
		-----X-----			
- 94	192667	. . . CLAMP (62983), FURNISHED WITH PUMP	R		
	186628	. . . ADAPTER	1		
	MS28775-235	. . . PACKING	1		
- 95	297617	• PUMP ASSY, SECONDARY RH (62983) MODEL PVB-205-2 T.O. 9H4-2-85-4	1		
		ATTACHING PARTS			
- 96	MS21042L-6	. . . NUT	6		
- 97	AN960-616L	. . . WASHER	6	35	
		-----X-----			
- 98	315473	. . . CLAMP, (62983) USE WITH 297617 PUMP	1		
- 99	315472	. . . ADAPTER (62983)	1		
-100	MS9136-01	. . . GASKET	1		
-101	NAS1593-156	. . . PACKING	1		
-102	AN4047-1	. . . GASKET, USE WITH AA60691L6A PUMP	1	35	
	8-80030-801	• TUBING INSTL, HYD STATION 472 TO TAIL CONE	1	35	
-103	MS21902-4	• . UNION	2	35	
	AN6290-4	• . GASKET	2	35	
-104	8-67420-9	• . CLIP	2	35	
-105	91-98026-003	• . CLAMP	2	35	
-106	8-84774-9	• . TUBE ASSY	1	35	
-107	MS21907-4	• . ELBOW	1	35	
	AN924-4	• . NUT	1	35	
	MS28778-4	• . PACKING	1	35	
-108	MS21905-4	• . TEE	1	35	
-109	8-84775-9	• . TUBE ASSY	1	35	
-110	MS21914-4W	• . CAP, TUBING	1	35	
-111	AN100043	• . COVER	1	35	
-112	MS21909-4	• . TEE	1	35	
-113	AN924-4	• . NUT	1	35	
	AN960-716L	• . WASHER	1	35	
-114	R9800-4-0090	• HOSE ASSY SEAL DRAIN SEE FIG. 2.8-11 INDEX 102	1	35	

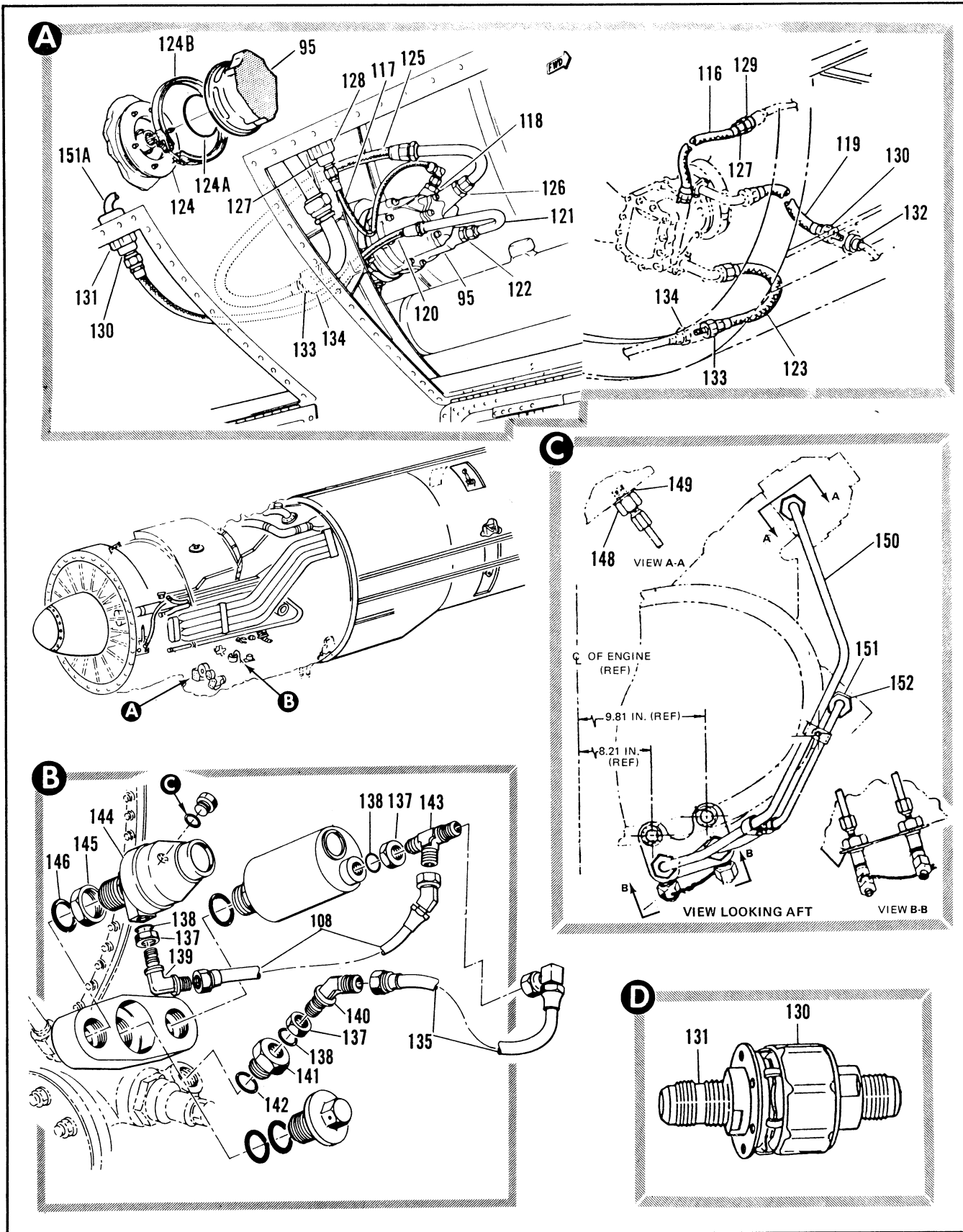


Figure 2.10-7. Turbojet Engine Assembly (Sheet 6 of 9)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.10-7-115	8-86035-269	. . TUBE ASSY (14170)	1	35	
-115	666371-8-0184	. . HOSE ASSY, PRIMARY PUMP CASE DRAIN (00624)	1	35	
-117	666319-6-0174	. . HOSE ASSY, SECONDARY PUMP CASE DRAIN (00624)	1	35	
-118	MS21902-6	. . UNION (96906)	1		
	MS28778-6	. . PACKING (96906)	1		
-119	677332-8-0184	. . HOSE ASSY, PRIMARY PUMP PRESSURE	1	35	
-120	R295800-CC4-0214	. . HOSE ASSY, SECONDARY PUMP PRESSURE REPLACED BY BUT NOT INTCHNG WITH 8043964-10 AND 7947451-10	RF	35	
	8043964-10	. . HOSE ASSY, SECONDARY HYDRAULIC PUMP (98750)	1		
- 121	7947451-10	. . TUBE ASSY, SECONDARY HYDRAULIC PUMP (98750)	1		
-122	MS21902-12	. . UNION (96906)	1		
	MS28778-12	. . PACKING (96906)	1		
-123	R20006	. . HOSE ASSY, PRIMARY PUMP SUCTION (50599)	1	35	
-124	315472	. . ADAPTER (62983)	1	35	
-124A	NAS1593	. . SEAL (80205)	1	35	
-124B	315473	. . CLAMP (62983)	1	35	
-125	AE702294-1	. . HOSE ASSY, SECONDARY PUMP SUCTION (00624)	1		
-126	MS21902-16	. . UNION (96906)	1		
	MS28778-16	. . PACKING (96906)	1		
-127	3065-S5-6D	. . QUICK DISCONNECT, HOSE HALF (00624)	2	35	
-128	TB3005-S4-6D	. . QUICK DISCONNECT, BULKHEAD HALF (00624)	2	35	
-129	3018S4-6D	. . QUICK DISCONNECT, BULKHEAD HALF (00624)	1	35	
-130	3065-S5-8D	. . QUICK DISCONNECT, HOSE HALF (00624)	2	35	
-131	3018S4-12D	. . QUICK DISCONNECT, BULKHEAD HALF (00624)	1	35	
-132	3018S4-8D	. . QUICK DISCONNECT, BULKHEAD HALF (00624)	1	35	
-133	3065S5-16D	. . COUPLING, HALF, SELF SEALING STRAIGHT TUBULAR VALVE (00624) 92-74007-005	2		
	155-25-16D	. . NUT, UNION SELF SEALING COUPLING	2		
-134	307534-16D	. . QUICK DISCONNECT, BULKHEAD HALF (00624)	2	35	
	8-22544	. . SWITCH AND TRANSMITTER INSTL, ENGINE OIL PRESSURE	1	35	
-135	R9806S4-0096	. . HOSE ASSY, (50599) 94-80510-005	1	35	
-136	R9805S4-0094	. . HOSE ASSY, (50599) 94-80509-009	1	35	
-137	AN924-4	. . NUT (88044)	3	35	
-138	NAS617-4	. . GASKET (80205)	3	35	
-139	MS21908-4	. . ELBOW (96906)	1	35	
-140	MS21907-4	. . ELBOW (96906)	1	35	
-141	AN893-3D	. . REDUCER (88044)	1	35	
-142	NAS617-8	. . GASKET (80205)	1	35	
-143	MS21912D4	. . TEE (96906)	1	35	
-144	40121-1A	. . SWITCH, (98505) SPEC 8-02989-7 T.O. RS2-3-57-63	1	35	
-145	AN924-12D	. . NUT (88044)	1	35	
-146	NAS617-12	. . GASKET (80205)	1	35	
-147	MS21916-4-3C	. . REDUCER (96906)	1	9	
-148	MS29512-3	. . GASKET (96906)	1	9	
-149	65A34165-1	. . TUBING ASSEMBLY (98750)	1	9	
-150	MS21902-4C	. . UNION (96906)	1	9	
-151	MS29512-4	. . GASKET (96906)	1	9	
-151A	7640015-10	. . TUBE ASSY, HYDRAULIC (98750)	1	35	

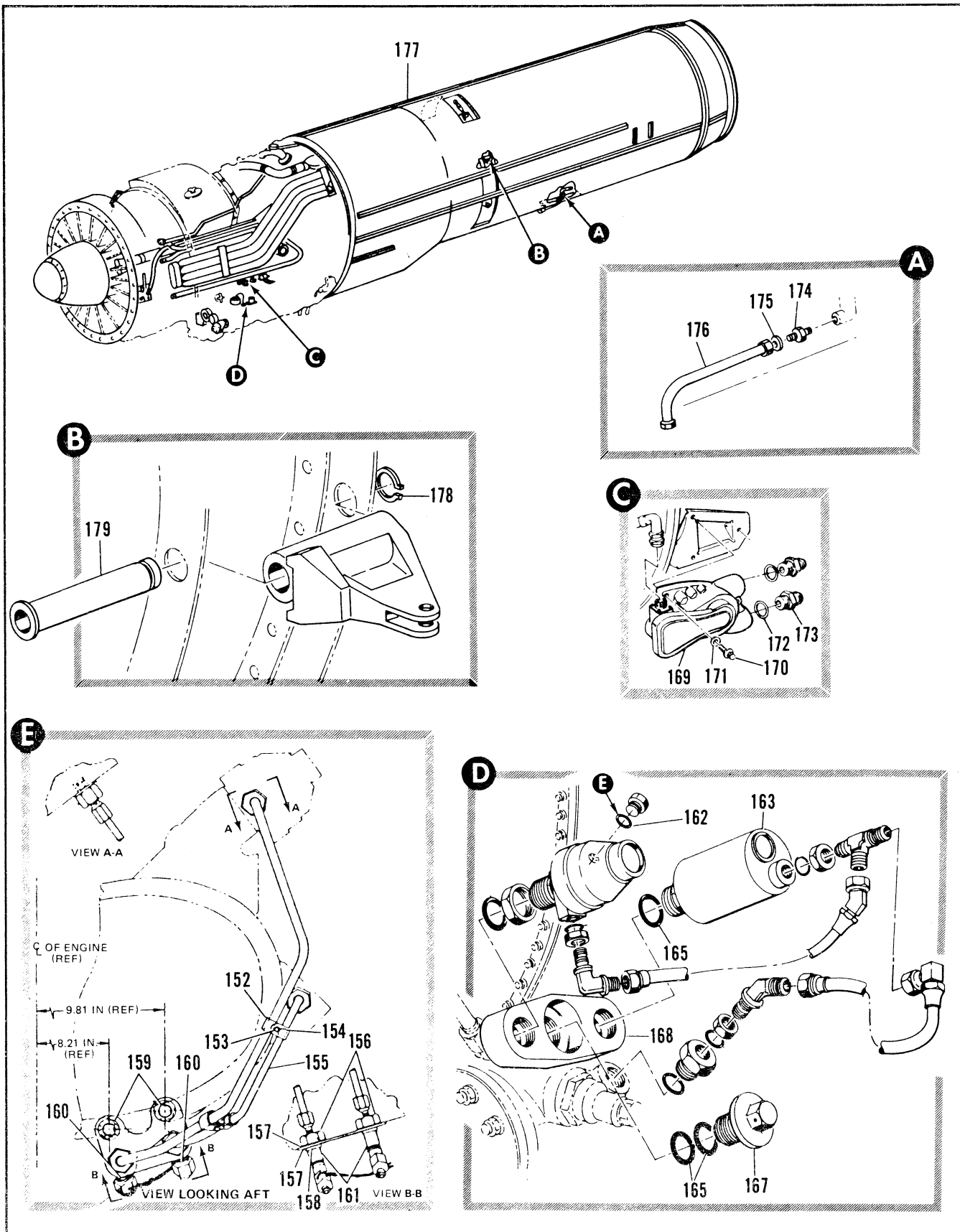


Figure 2.10-7. Turbojet Engine Assembly (Sheet 7 of 9)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.10-7-152	MS122902	. . CLAMP (REPLACED BY MS21919H4, NOT INTCHG) ATTACHING PARTS	4	9	
-153	AN520C10R8	. . SCREW	2	9	
-154	MS21043-3	. . NUT	2	9	
		-----X-----			
-155	65A34166-1	. . TUBING ASSEMBLY	1	9	
-156	AN924-4C	. . NUT	2	9	
-157	AN960-716	. . WASHER	4	9	
-158	65B34008-7	. . BRACKET	1	9	
		ATTACHING PARTS			
	NO NUMBER	. . STUD (INSTALLED ON HOUSING)	2	9	
-159	MS35335-62	. . WASHER, LOCK	2	9	
		. . NUT (USE EXISTING HARDWARE)	2	9	
		-----X-----			
-160	MS21914-4C	. . CAP, PRESSURE	2	9	
-161	MS21907-4C	. . ELBOW	2	9	
-162	NAS617-3	. . GASKET	1	35	
-163	ST504A	. . TRANSMITTER, OIL PRESSURE 61249 REPLACED BY (NOT INTCHG WITH) 18-1718-3A OR 3567750-3001A	1	35	
	18-1718-3A	. . TRANSMITTER, OIL PRESSURE 96774 REPLACES (NOT INTCHG WITH) ST504A	1	35	
	3567750-3001A	. . TRANSMITTER, OIL PRESSURE, REPLACES (NOT INTCHG WITH) ST504A	1	35	
-164	AN123971	. . GASKET	1	35	
-165	NAS617-12	. . GASKET	3	35	
-166	AN123971	. . GASKET	1	35	
-167	8-22565-1	. . BOLT	1	35	
-168	8-22566-1	. . ADAPTER PLATE, SWITCH	1	35	
-169	9121-21A1	. TRANSMITTER, RATE OF FUEL FLOW <19315> AERN061-2456 TYPE MA-1 GFAE ATTACHING PARTS	1	35	
-170	AN4-13A	. BOLT	3	35	
-171	AN960PD416	. WASHER	3	35	
-172	MS9920-20	. PACKING	2	35	
-173	227435	. UNION, USED WITH RIGID FUEL LINES	2	35	
	400374	. UNION, USED WITH FLEX TYPE FUEL LINES	2	35	
		-----X-----			
-174	MS21902-6C	. UNION	1	35	
-175	AN901-6C	. WASHER	1	35	
-176	C8886	. HOSE ASSY, AFTERBURNER DRAIN <81481> 94-80513-004	1	35	
-177	8-22679-803	. SHROUD INSTL, ENGINE AIR COOLING FOR BREAKDOWN SEE FIG. 2.10-12	1	H	
	8-22679-805	. SHROUD INSTL, ENGINE AIR COOLING FOR BREAKDOWN SEE FIG. 2.10-12	1	A	
	8-22679-811	. SHROUD INSTL, ENGINE AIR COOLING FOR BREAKDOWN SEE FIG. 2.10-12	1	C	
	8-22679-809	. SHROUD INSTL, ENGINE AIR COOLING FOR BREAKDOWN SEE FIG. 2.10-12	1	189	277
	8-26679-3	. SHROUD INSTL, ENGINE AIR COOLING FOR BREAKDOWN SEE FIG. 2.10-12	1	E	
	8-26679-5	. SHROUD INSTL, ENGINE AIR COOLING FOR BREAKDOWN SEE FIG. 2.10-12	1	F	
	8-26679-801	. SHROUD INSTL, ENGINE AIR COOLING FOR BREAKDOWN SEE FIG. 2.10-12	1	G	
-178	5100-75W	. RING, RETAINING <79136> 97-61509-001	2	35	
-179	8-22084	. PIN	2	35	
		A AIRPLANES #44 THRU 51 AND 54			
		C AIRPLANES #52, 53, AND 55 THRU 188			
		E AIRPLANES #279 THRU 281 AND 286			
		F AIRPLANES #278, 282, 285, AND 288 THRU 300			
		G AIRPLANES #283, 287, AND 301 THRU 303			
		H AIRPLANES #35 THRU 43, 304 AND ON			

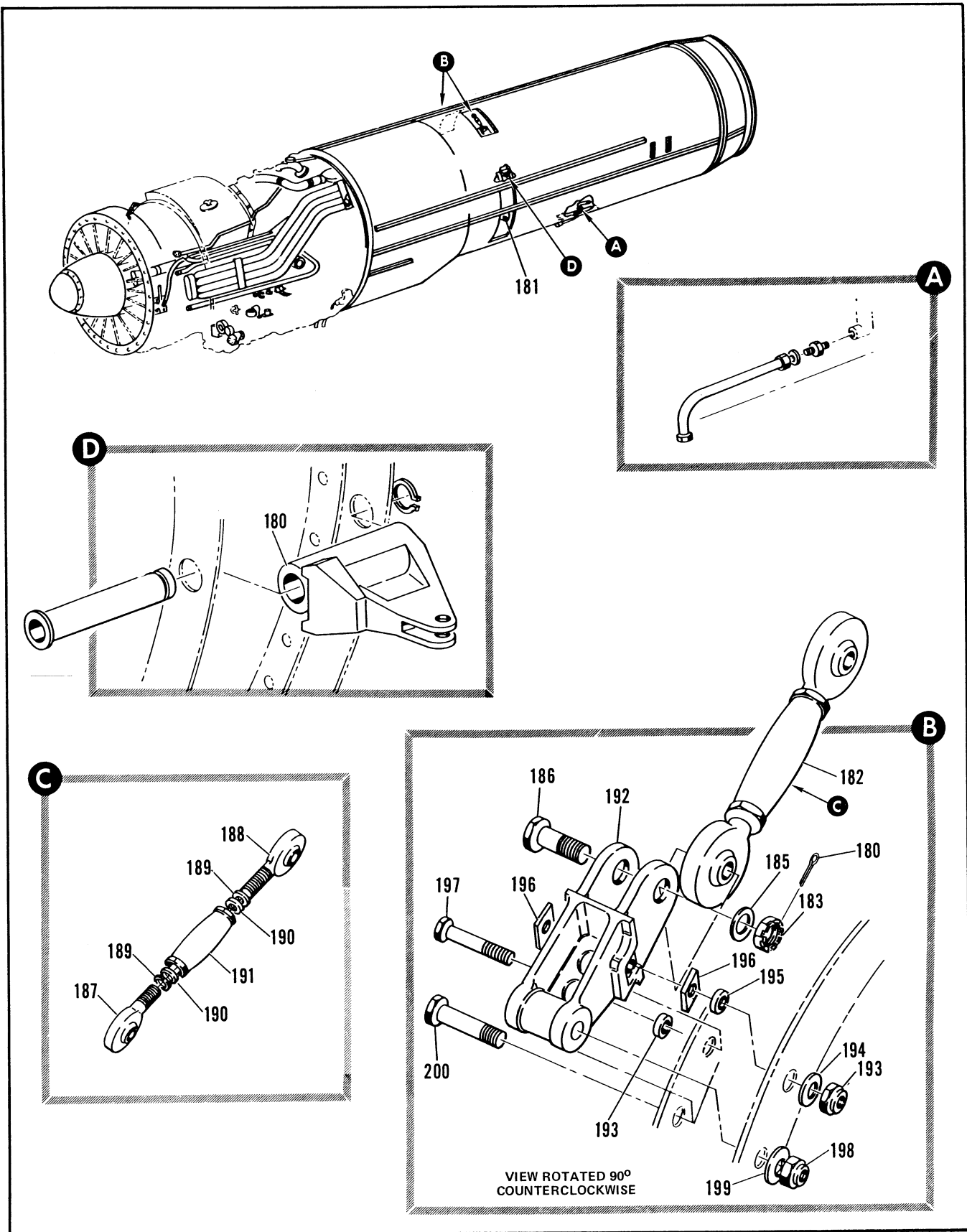


Figure 2.10-7. Turbojet Engine Assembly (Sheet 8 of 9)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.10-7-180	8-22669-17	• SUPPORT, ENGINE COOLING SHROUD UPPER LH MAKE FROM 8-22669-15	1	35	
	8-22669-15	• SUPPORT	RF		
	8-22670-9	• SUPPORT, ENGINE COOLING SHROUD UPPER LH ALT INTCHG WITH 8-22669-17	RF	35	
	8-22669-18	• SUPPORT, ENGINE COOLING SHROUD UPPER RH MAKE FROM 8-22669-16	1	35	
	8-22669-16	• SUPPORT	RF		
	8-22670-10	• SUPPORT, ENGINE COOLING SHROUD UPPER RH ALT INTCHG WITH 8-22669-18	RF	35	
-181	8-22680-1	• ROLLER INSTL, ENGINE AFT LH FOR BREAKDOWN SEE FIG. 2.10-39	1	35	
	8-22680-2	• ROLLER INSTL, ENGINE AFT RH FOR BREAKDOWN SEE FIG. 2.10-39	1	35	
	8-22976	• MOUNT INSTL, ENGINE AFT	1	35	
-182	8-22962-1	• • TURNBUCKLE ASSY, ENGINE MOUNT AFT ATTACHING PARTS	RF	35	
-183	8-26951	• • NUT	2	35	
-184	AN381-4-20	• • COTTER PIN	2	35	
-185	AN960C916	• • WASHER	2	35	
-186	8-22984-7	• • BOLT, REPLACED BY NOT INTCHG WITH 8-26957	2	35	89
	8-26957	• • BOLT, REPLACES NOT INTCHG WITH 8-22984-7 -----X-----	2	90	
-187	BRE14285	• • • EYE BOLT, ENGINE SUPPORT AFT <81376> SPEC 8-32272-7	1	35	
-188	BRE14290	• • • EYE BOLT, ENGINE SUPPORT AFT <81376> SPEC 8-02272-9	1	35	
-189	5008-125W	• • • RING, RETAINING <79136> 97-61511-001	2	35	
-190	8-22983	• • • WASHER	2	35	
-191	8-22982-7	• • • NUT	1	35	
-192	8-22978-7	• • SUPPORT, ENGINE MOUNT AFT	2	35	
	8-22977	• • SUPPGRT, ENGINE MOUNT AFT ALT INTCHG WITH 8-22978-7	RF	35	
-193	99F12-624	• • NUT, <56878> 96-37536-001	2	35	
-194	AN960C616	• • WASHER	2	35	
-195	8-22980	• • BUSHING	4	35	
-196	8-22981	• • BLOCK	4	35	
-197	8-22985	• • BOLT	2	35	
-198	MS20500-1216	• • NUT, <56878> 96-37536-002	2	35	
-199	AN960C1216L	• • WASHER	2	35	
-200	8-22979	• • BOLT	2	35	

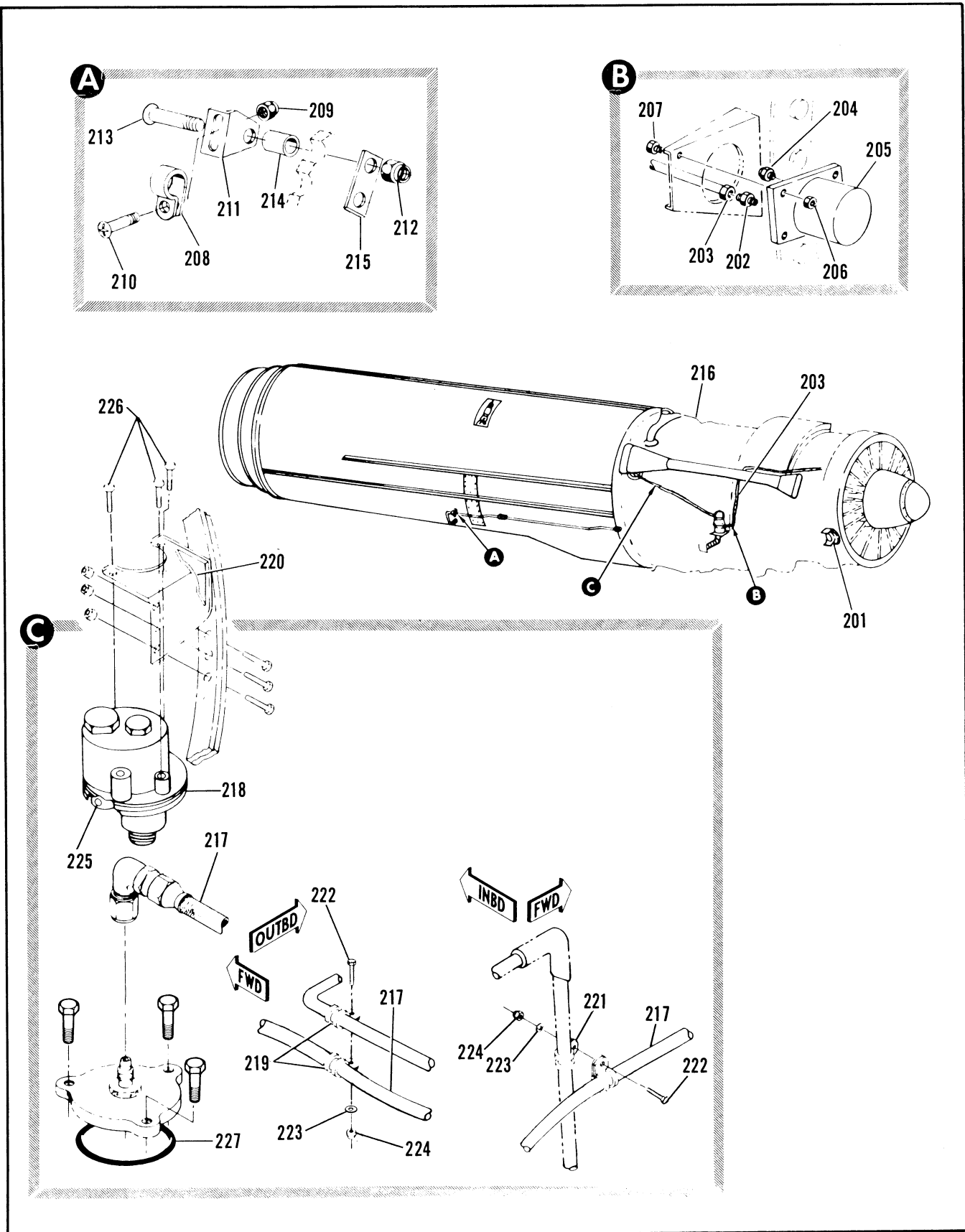


Figure 2.10-7. Turbojet Engine Assembly (Sheet 9 of 9)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.10-7-201	8-22961	• SUPPORT ASSY, ENGINE THRUST BEARING FOR BREAKDOWN SEE FIG. 2.10-36	1	35	
	8-22738-5	• SWITCH INSTL, SHROUD PRESSURE	1	35	
-202	MS21902-4	• • UNION	1	35	
	0327-7	• • PACKING, <45681> 96-58500-013	1	35	
-203	8-22738-11	• • TUBE ASSY, FLARED	1	35	
-204	8-22796	• • PLUG, SHROUD PRESSURE SWITCH ALTERED FROM AN806-4	1	35	
	0327-7	• • PACKING, <45681> 96-58500-013	1	35	
-205	41004	• • SWITCH, DIFFERENTIAL PRESSURE COOLING AIR <98505> SPEC 8-02990 T.O. 8S2-3-57-33 REPLACED BY SUITABLE SUB 41004-1	1	35	89
	41004-1	• • SWITCH, DIFFERENTIAL PRESSURE COOLING AIR <98505> SPEC 8-02990-1 T.O. 8S2-3-57-112 REPLACES SUITABLE SUB FOR 41004 ATTACHING PARTS	1	90	
-206	NAS679A3	• • NUT	4	35	
-207	AN3-4A	• • BOLT	4	35	
		-----X-----			
	8-67420-9	• • CLIP, ENGINE SUPPORT HARNES	1	35	
	8-26949-1	• TUBING INSTL, AFTERRURNER IGNITER DRAIN VALVE	1	35	
-208	MS21919H5	• CLAMP	1	35	
		ATTACHING PARTS			
-209	NAS679C3	• NUT	1	35	
-210	AN520C10R7	• SCREW	1	35	
		-----X-----			
-211	8-26950	• BRACKET	1	35	
		ATTACHING PARTS			
-212	NAS679C3	• NUT	2	35	
-213	AN520C10R18	• SCREW	2	35	
		-----X-----			
-214	NAS72-3-010	• PUSHING	2	35	
-215	8-26949-15	• PLATE	1	35	
-216	J75P17	• ENGINE ASSY, <77445> AEPN035-6066 GFAE	1	35	
-217	7346560-10	• HOSE ASSY	1	ALL	
-218	10-374058-2	• SWITCH	1	ALL	
-219	MS21919H5	• CLAMP	3	ALL	
-220	7346561-01	• BRACKET	1	ALL	
-221	MS21919H8	• CLAMP	1	ALL	
-222	MS9316-04	• SCREW	2	ALL	
-223	AN960-10L	• WASHER	2	ALL	
-224	MS21045C3	• NUT	2	ALL	
-225	10-382469-2	• ADAPTER ASSY	1	ALL	
-226	MS24678-21	• BOLT	3	ALL	
-227	MS9375-039	• PACKING	1	ALL	

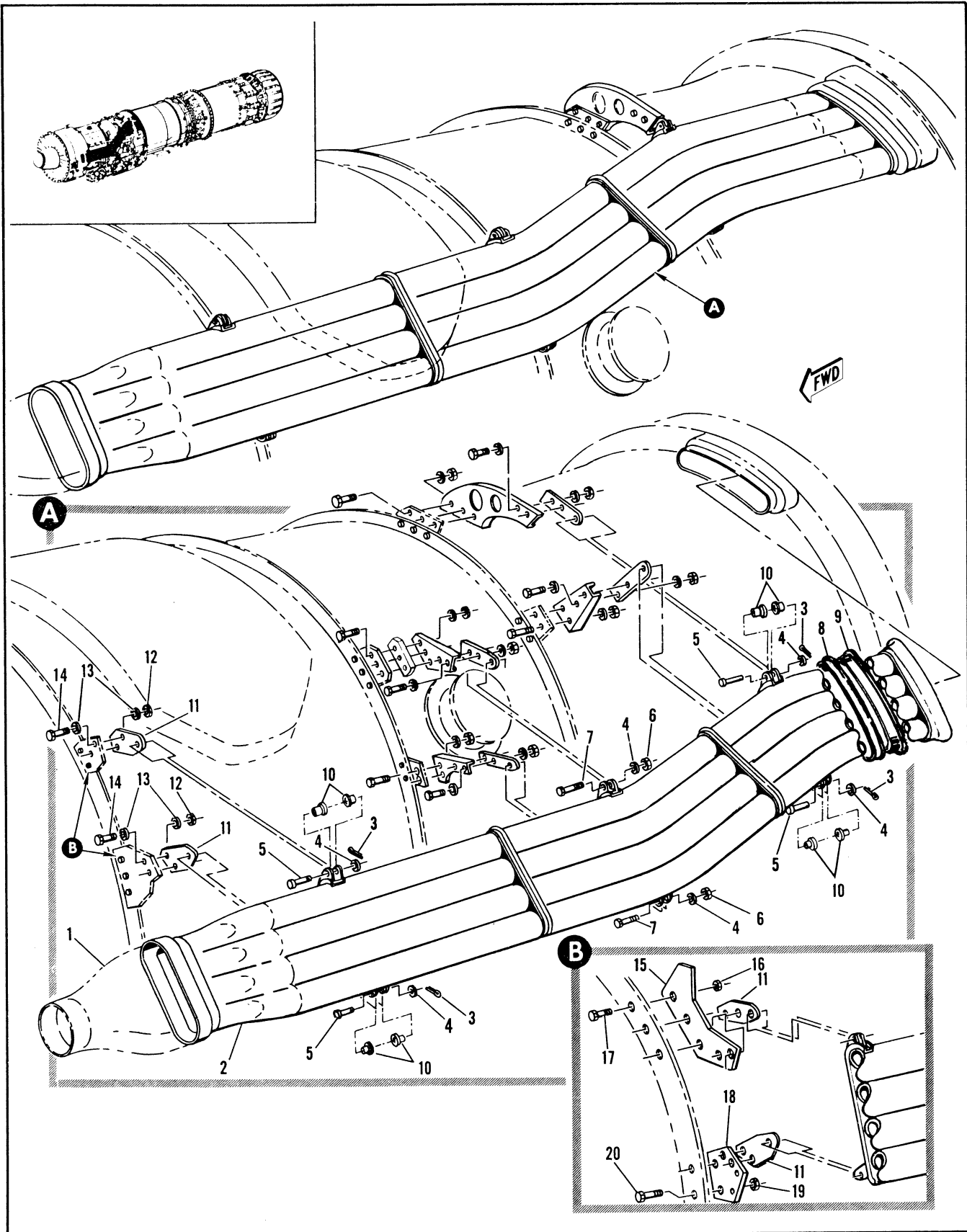


Figure 2.10-8. Engine Cooling Air Supply Duct Installation Sta 487 to 560 (Sheet 1 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.10-8	8-22799-1	DUCT INSTALLATION, ENGINE COOLING AIR SUPPLY STA 487 TO 560 FOR NHA SEE FIG. 2.10-7	RF	35	60
	8-22799-5	DUCT INSTALLATION, ENGINE COOLING AIR SUPPLY STA 487 TO 560 FOR NHA SEE FIG. 2.10-7	RF	61	
- 1		• DUCT ASSY, AIR COOLING INTERMEDIATE LH SEE FIG. 2.10-7 INDEX 13	RF		
- 2	8-26717	• DUCT ASSY, COOLING AIR SUPPLY LH WELDED	1	35	
		ATTACHING PARTS			
- 3	MS24665-132	• PIN, COTTER	4	35	
- 4	AN960-10L	• WASHER	6	35	
- 5	MS20392-2-25	• PIN	4	35	
- 6	MS21042L3	• PIN	2	35	
- 7	AN3-4A	• NUT • BOLT	2	35	
		-----X-----			
- 8	8-26717-33	• RETAINER	1	61	
- 9	8-26717-69	• SEAL	1	61	
- 10	8-26719	• BUSHING	8	61	
- 11	8-22759	• CLIP, LH	2	35	
		ATTACHING PARTS			
- 12	MS21042L4	• NUT, LH	4	35	
- 13	AN960-416	• WASHER, LH	8	35	
- 14	AN4-5A	• BOLT	4	35	
		-----X-----			
- 15	8-22786-41	• BRACKET, UPPER LH	1	35	
		ATTACHING PARTS			
- 16	MS21042L5	• NUT, LH	3	35	
- 17	AN5-5A	• BOLT, LH	3	35	
		-----X-----			
- 18	8-22786-29	• BRACKET, LOWER LH	1	35	
		ATTACHING PARTS			
- 19	MS21042L5	• NUT, LH	2	35	
- 20	AN5-5A	• BOLT, LH	2	35	
		-----X-----			

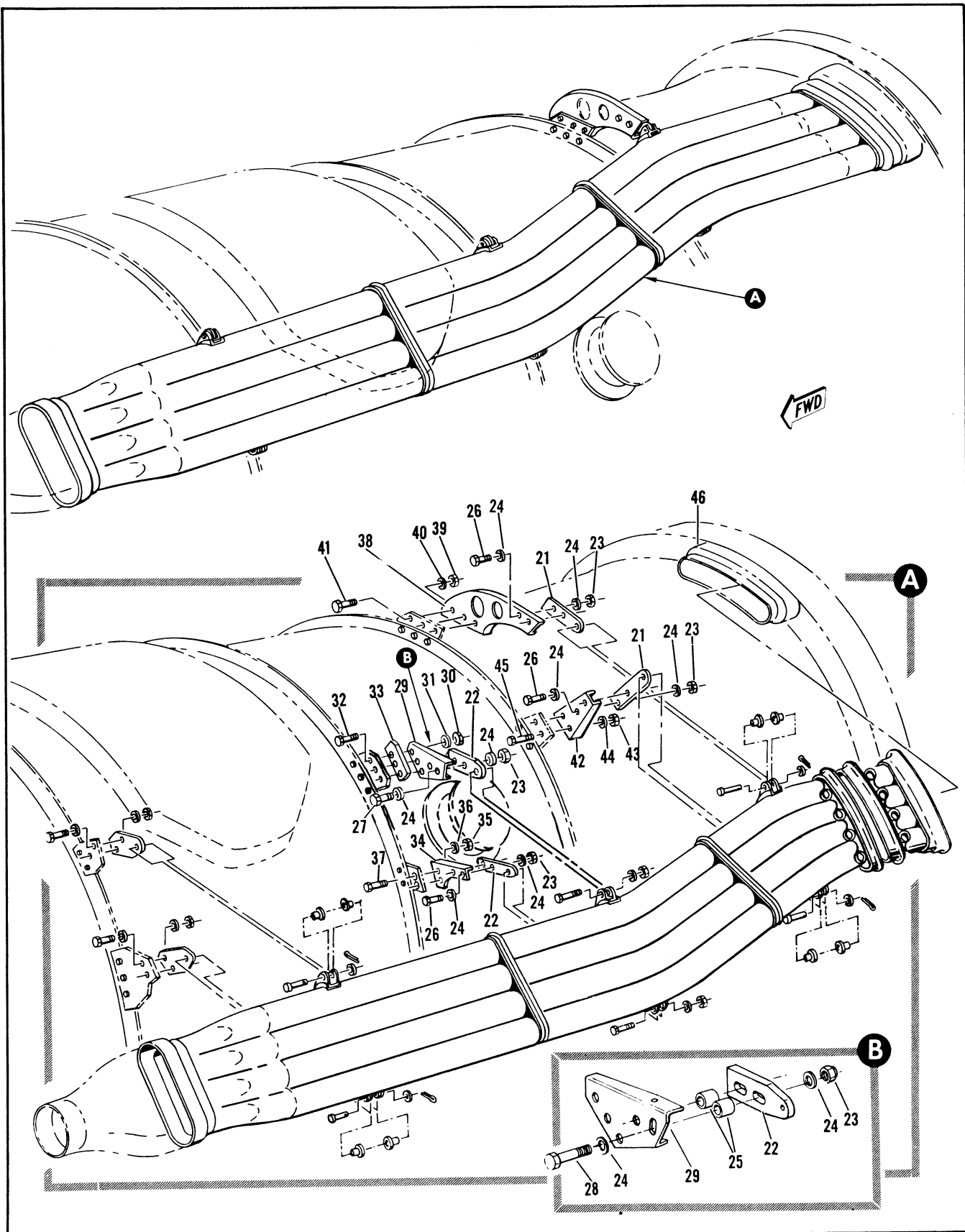


Figure 2.10-8. Engine Cooling Air Supply Duct Installation Sta 487 to 560 (Sheet 2 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.10-8- 21	8-22757	• CLIP, LH	2	35	
- 22	8-26708	• CLIP, UPPER LH	1	35	
	8-22767	• CLIP, LOWER LH	1	35	
		ATTACHING PARTS			
- 23	MS21042L4	• NUT, LH	8	35	
- 24	AN960-416	• WASHER, LH	16	35	
- 25	NAS42HT8-12	• SPACER	2	61	
- 26	AN4-5A	• BOLT, LH	2	35	60
- 27	AN4-5A	• BOLT, LH	2	35	
- 28	AN4-6A	• BOLT, LH	2	61	
		-----X-----			
- 29	8-26707-7	• BRACKET, COOLING AIR DUCT INTERMEDIATE UPPER LH	1	35	
		ATTACHING PARTS			
- 30	MS21042L3	• NUT	3	35	
- 31	AN960-10L	• WASHER	3	35	
- 32	AN3-4A	• BOLT	3	35	
		-----X-----			
- 33	8-26707-9	• SPACER	1	35	60
- 34	8-26706-9	• BRACKET, COOLING AIR DUCT INTERMEDIATE LWR	1	35	
		ATTACHING PARTS			
- 35	MS21042L3	• NUT	2	35	
- 36	AN960-10L	• WASHER	2	35	
- 37	AN3-4A	• BOLT	2	35	
		-----X-----			
- 38	8-22754-7	• BRACKET, UPPER LH	1	35	
		ATTACHING PARTS			
- 39	MS21042L3	• NUT	3	35	
- 40	AN960-10L	• WASHER	3	35	
- 41	AN3-4A	• BOLT	3	35	
		-----X-----			
- 42	8-26701	• BRACKET, LOWER LH	1	35	
		ATTACHING PARTS			
- 43	MS21042L3	• NUT	2	35	
- 44	AN960-10L	• WASHER	2	35	
- 45	AN3-4A	• BOLT	2	35	
		-----X-----			
- 46		• VALVE ASSY, RAM AIR SHROUD COOLING CHECK LH	RF		
		SEE FIG. 2.10-10			

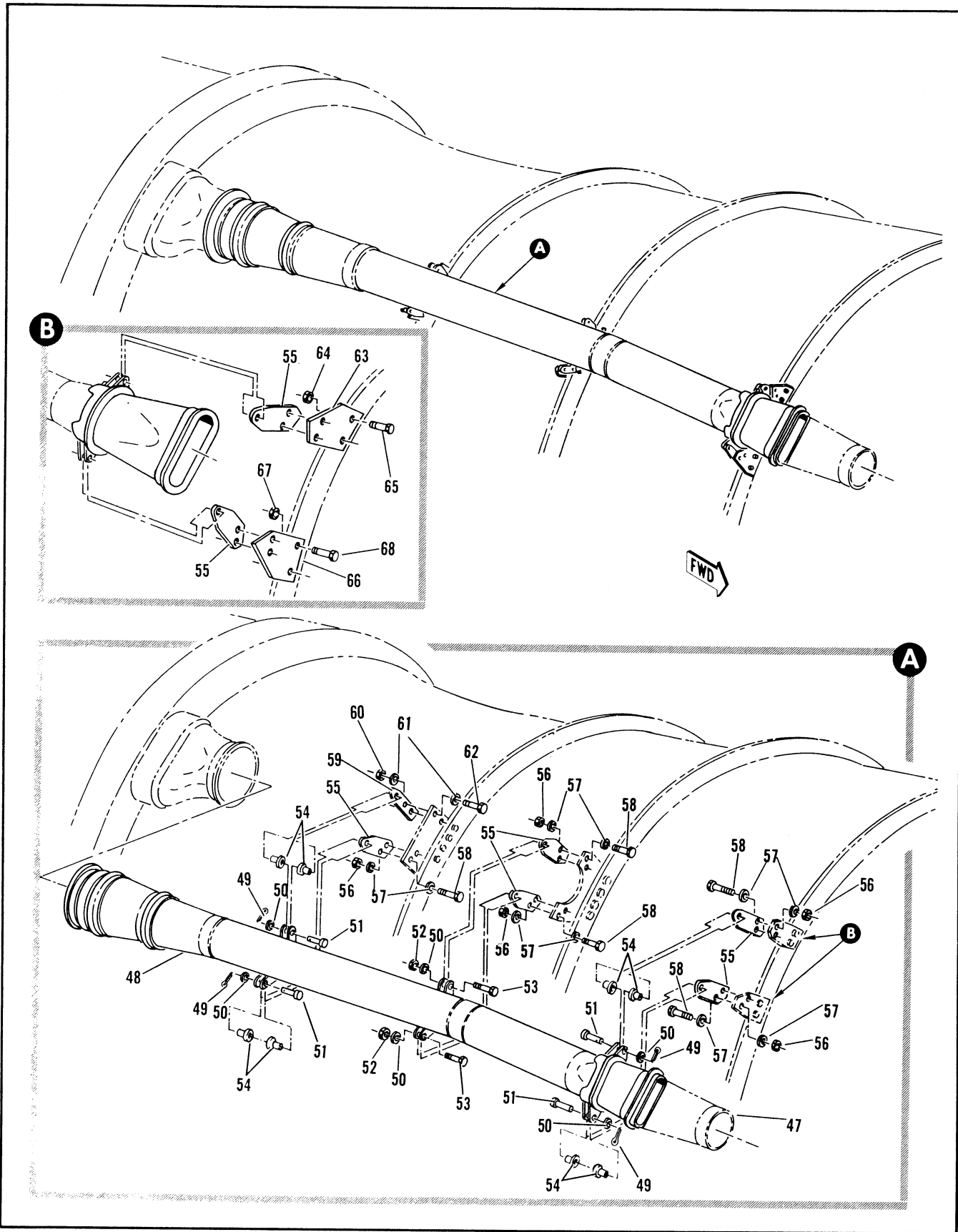


Figure 2.10-8. Engine Cooling Air Supply Duct Installation Sta 487 to 560 (Sheet 3 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.10-8- 47		• DUCT ASSY, AIR COOLING INTERMEDIATE RH SEE FIG. 2.10-6 INDEX 18	RF		
- 48	8-26720 8-26703	• DUCT ASSY, COOLING AIR SUPPLY RH WELDED • DUCT ASSY, COOLING AIR SUPPLY RH WELDED ALT INTCHG WITH 8-26720 ATTACHING PARTS	1 RF	35 35	
- 49	MS24665-132	• PIN, COILER	4	35	
- 50	AN960-10L	• WASHER	6	35	
- 51	MS20392-2-25	• PIN	4	35	
- 52	MS21042L3	• NUT	2	35	
- 53	AN3-4A	• BOLT ----X----	2	35	
- 54	8-26719	• BUSHING	8	35	
- 55	8-22759	• CLIP, RH ATTACHING PARTS	5	35	
- 56	MS21042L4	• NUT,	10	35	
- 57	AN960-416	• WASHER	20	35	
- 58	AN4-5A AN4-5A AN4-5A	• BOLT • BOLT • BOLT ----X----	10 8 2	35 61 61	60
- 59	8-22757	• CLIP, RH ATTACHING PARTS	1	35	
- 60	MS21042L4	• NUT,	2	35	
- 61	AN960-416	• WASHER,	4	35	
- 62	AN4-5A	• BOLT, RH ----X----	2	35	
- 63	8-22786-31	• BRACKET, UPPER RH ATTACHING PARTS	1	35	
- 64	MS21042L5	• NUT,	2	35	
- 65	AN5-5A	• BOLT, ----X----	2	35	
- 66	8-22786-33	• BRACKET, LOWER RH ATTACHING PARTS	1	35	
- 67	MS21042L5	• NUT,	2	35	
- 68	AN5-5A	• BOLT, ----X----	2	35	

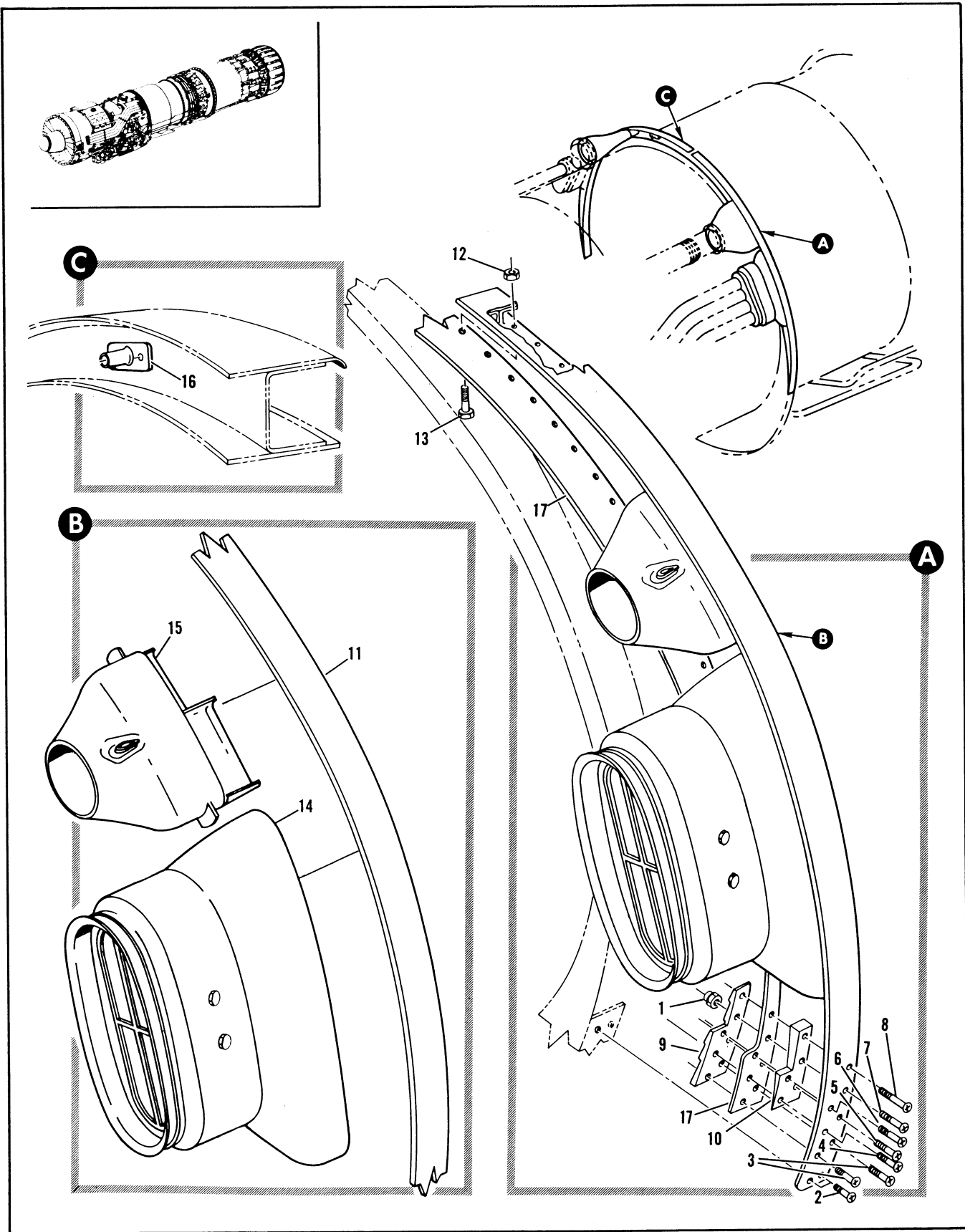


Figure 2.10-9. Engine Fire Seal Adapter Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.10-9	8-22739-1	ADAPTER INSTALLATION, ENGINE FIRE SEAL FOR NHA SEE FIG. 2.10-7	RF	35	
- 1	702M02	. NUT, <72962> 96-27550-001	18	35	
- 2	AN507C1032R7	. SCREW	4	35	
- 3	AN509C10R12	. SCREW	4	35	
- 4	AN509C10R13	. SCREW	2	35	
- 5	AN509C10R14	. SCREW	2	35	
- 6	AN509C10R16	. SCREW	2	35	
- 7	AN509C10R17	. SCREW	2	35	
- 8	AN509C10R20	. SCREW	2	35	
- 9	8-22779-9	. ADAPTER, LH	1	35	
	8-22779-10	. ADAPTER, RH	1	35	
- 10	8-22765-7	. WEDGE, LH	1	35	
	8-22765-8	. WEDGE, RH	1	35	
- 11	8-22739-27	. ADAPTER ASSY, ENGINE FIRE SEAL LH	1	35	
	8-22739-29	. ADAPTER ASSY, ENGINE FIRE SEAL RH ATTACHING PARTS	1	35	
- 12	Z1200-02	. NUT, <72962> 96-37549-001	66	35	
	Z1200-02	. NUT, <72962> 96-37549-001 RH	2	35	
- 13	AN106410	. BOLT	66	35	
	AN106410	. BOLT, RH	2	35	
- 14	8-26714-1	. . VALVE ASSY, RAM AIR SHROUD COOLING CHECK LH FOR BREAKDOWN SEE FIG. 2.10-10	1	35	
	8-26714-3	. . VALVE ASSY, RAM AIR SHROUD COOLING CHECK RH FOR BREAKDOWN SEE FIG. 2.10-10	1	35	
- 15	8-22763	. . DUCT ASSY, SHROUD COOLING TRANSITION LH WELDED	1	35	
	8-22764	. . DUCT ASSY, SHROUD COOLING TRANSITION RH WELDED	1	35	
- 16	8-22797	. . GUIDE, TUBE SHROUD PRESSURE SWITCH RH	1	35	
- 17	8-22739-19	. SEAL, ENGINE FIRE	1	35	

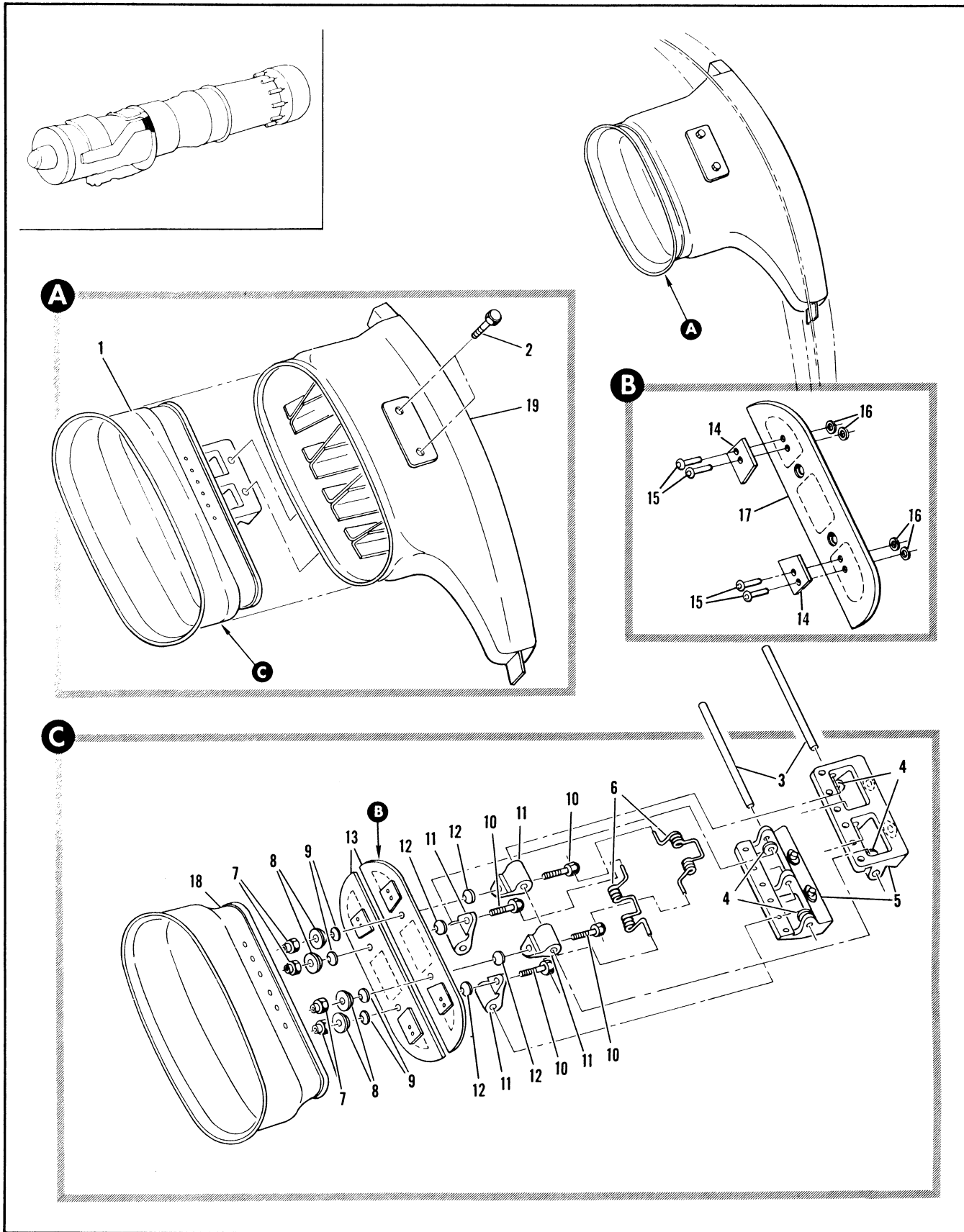


Figure 2.10-10. Ram Air Shroud Cooling Check Valve Assembly

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.10-10	8-26714-1	VALVE ASSEMBLY, RAM AIR SHROUD COOLING CHECK LH FOR NHA SEE FIG. 2.10-9	RF	35	
	8-26714-3	VALVE ASSEMBLY, RAM AIR SHROUD COOLING CHECK RH FOR NHA SEE FIG. 2.10-9	RF	35	
- 1	8-26712	• MECHANISM ASSY, SHROUD COOLING CHECK VALVE ATTACHING PARTS	1	35	
- 2	AN4-3A	• BOLT -----X-----	4	35	
- 3	8-22745	• • PIN	2	35	
- 4	99-51507-008	• • WASHER	AR	35	
- 5	8-26715	• • HINGE	2	35	
	8-26711	• • HINGE, ALT INTCHG WITH 8-26715	RF	35	
- 6	8-00967	• • SPRING, FLAPPER CHECK VALVE	2	35	
- 7	NAS679C3	• • NUT	4	35	
- 8	AF950-3	• • WASHER	4	35	
- 9	8-22787	• • WASHER	4	35	
- 10	AN3CH6A	• • BOLT	4	35	
- 11	8-22743	• • LEAF, BUTT HINGE	4	35	
- 12	AF955-3	• • WASHER	4	35	
- 13	8-26712-9	• • FLAPPER ASSY, BUTT HINGE	2	35	
- 14	8-26712-7	• • • BUMPER ATTACHING PARTS	2	35	
- 15	NAS508M3	• • • RIVET	4	35	
- 16	AN960C2	• • • WASHER -----X-----	4	35	
- 17	8-22741-9	• • • FLAPPER, BUTT HINGE CHECK VALVE	1	35	
- 18	8-22778-1	• • SEAT ASSY, VALVE WELDED	1	35	
- 19	8-26713-1	• SHROUD ASSY, RAM AIR CHECK VALVE LH WELDED	1	35	
	8-26713-3	• SHROUD ASSY, RAM AIR CHECK VALVE RH WELDED	1	35	

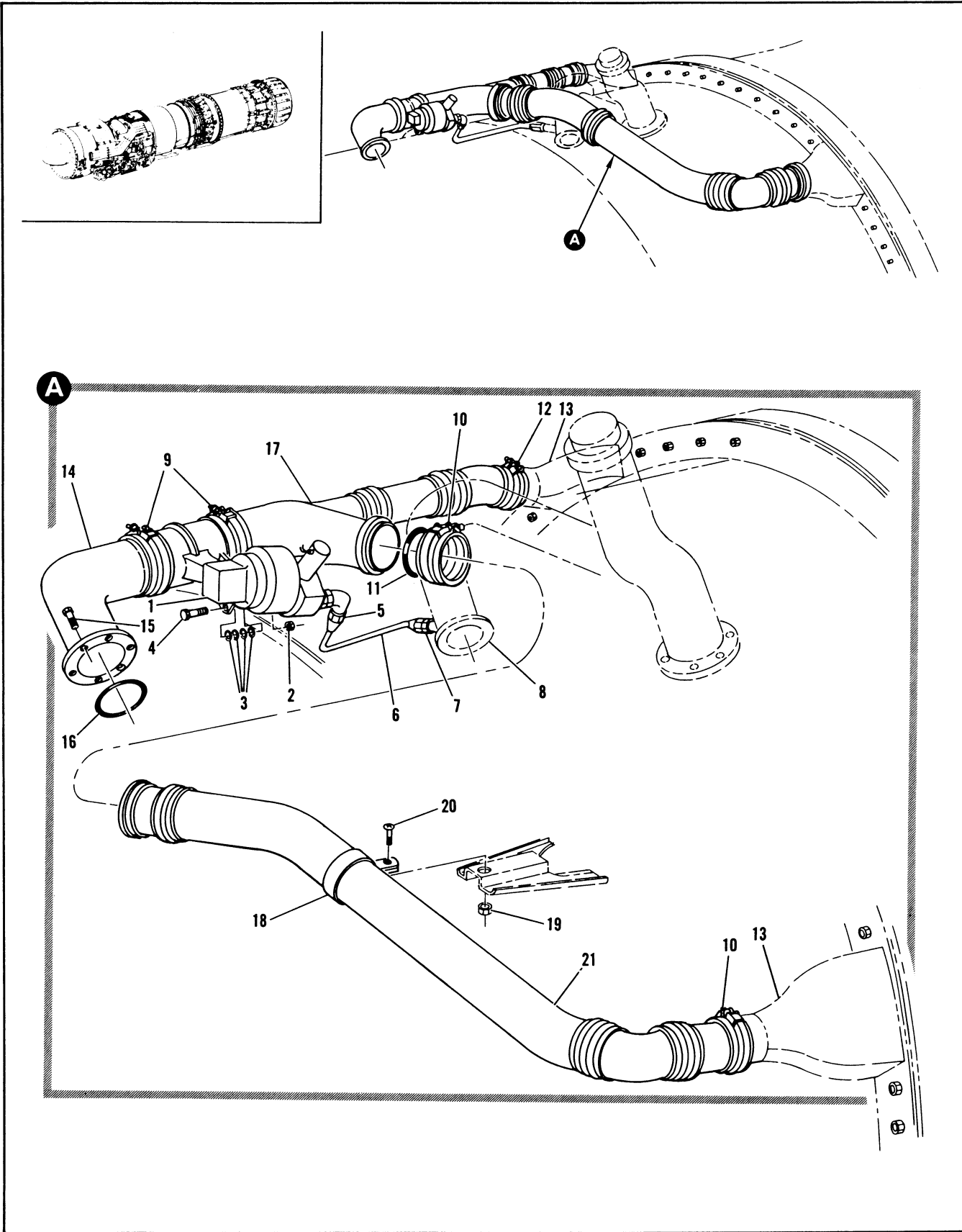


Figure 2.10-11. Shroud Ground Cooling Duct Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.10-11	8-22762	DUCT INSTALLATION, SHROUD GROUND COOLING FOR NHA SEE FIG. 2.10-7	RF	35	38
	8-22762-1	DUCT INSTALLATION, SHROUD GROUND COOLING FOR NHA SEE FIG. 2.10-7	RF	39	
- 1	1364-575740	• VALVE ASSY, AIR SHUTOFF <92003> SPEC 8-02966 T.O. 9P5-82-13 ATTACHING PARTS	RF	35	
- 2	MS21043-4	• NUT	2	35	
- 3	AN960C416L	• WASHER	8	35	
- 4	AN4C6A	• BOLT	2	35	
		-----X-----			
- 5	MS21908-4	• ELBOW	1	35	
	AN924-4	• NUT	1	35	215
	95-71003-003	• NUT	1	216	
	AN901-4C	• GASKET	1	35	
- 6	8-22762-9	• TUBE	1	35	1
- 7	MS21902-4	• UNION	1	35	
	MS21921-4	• NUT	2	35	215
	4121-578638	• NUT, <92003> 96-38508-003	2	216	
	MS21922-4	• SLEEVE	2	35	
	AN901-4C	• GASKET	1	35	
- 8		• DUCT ASSY, ENGINE BLEED AIR MANIFOLD SEE FIG. 2.10-7 INDEX 42	RF		
- 9	4265-382SH	• COUPLING, <98625> 92-73003-016	2	35	1
	PRP9230-12-7180	• PACKING, <86579> 96-58500-006	2	35	1
- 10	4275-331M	• COUPLING, <98625> 92-73010-007	2	35	1
- 11	PRP909-8	• PACKING, O-RING <86579> 96-58500-005	2	35	
- 12	4275-307M	• COUPLING, <98625> 92-73010-006	1	35	1
	PRP909-6	• PACKING, O-RING <86579> 96-58500-004	1	35	
- 13		• ADAPTER ASSY, ENGINE FIRE SEAL SEE FIG. 2.10-9 INDEX 11	RF		
- 14	8-22770	• ELBOW ASSY, GROUND COOLING AIR ENGINE MOUNT WELDED ATTACHING PARTS	1	35	
- 15	AN5CH5A	• BOLT	6	35	
		-----X-----			
- 16	A3000C	• SEAL, DUCT INSTL GROUND COOLING <97968> 94-16013-024	1	35	
- 17	8-22769-3	• DUCT ASSY, GROUND COOLING AIR LH WELDED	1	35	
- 18	JP0025SH40	• CLAMP, <00986> 91-98037-037 ATTACHING PARTS	1	35	1
- 19	MS21043-3	• NUT	1	35	
- 20	AN520C10R7	• SCREW	1	35	
		-----X-----			
- 21	8-22766-1	• DUCT ASSY, GROUND COOLING AIR CROSS-OVER RH WELDED	1	35	

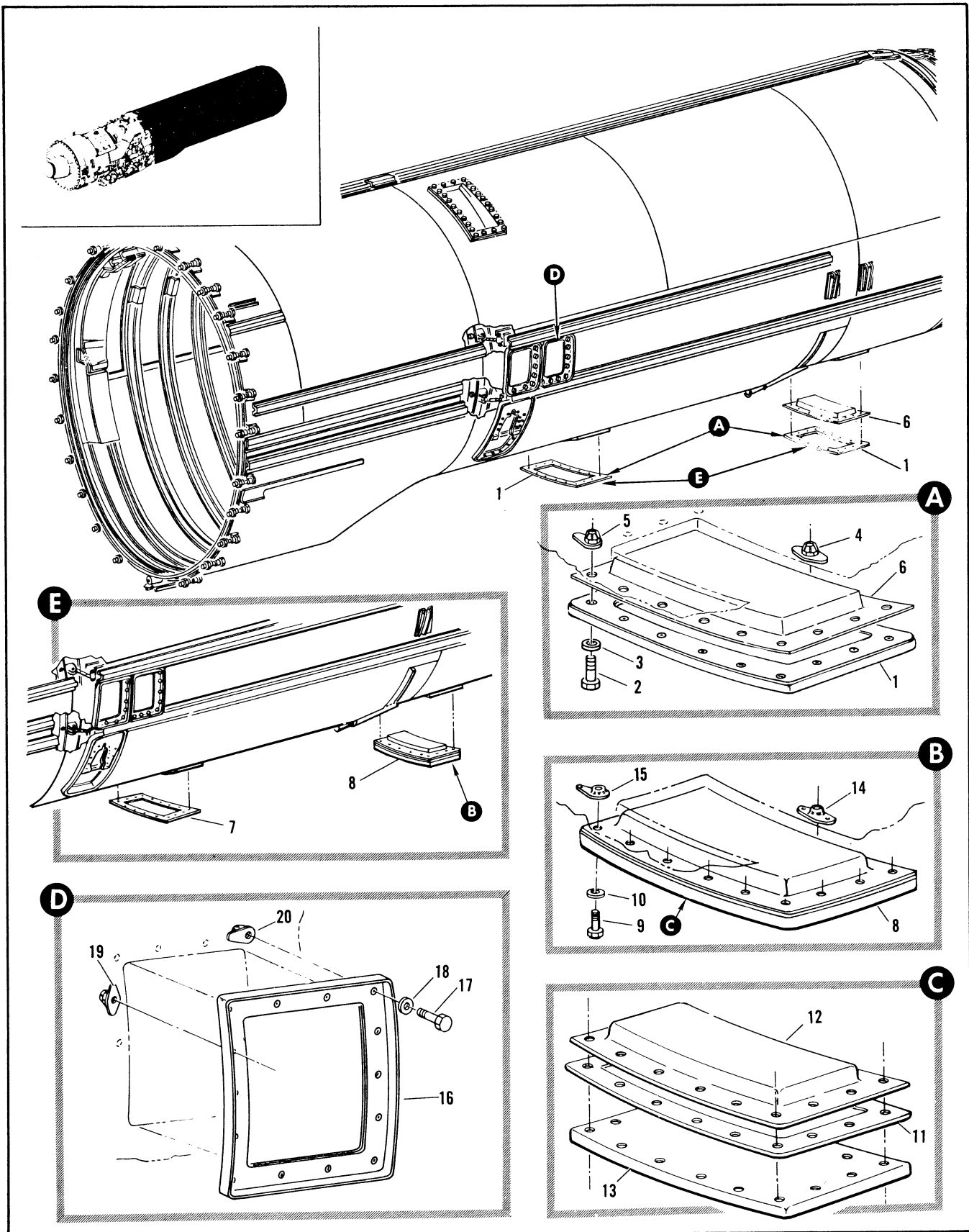


Figure 2.10-12. Engine Air Cooling Shroud Installation (Sheet 1 of 4)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.10-12	8-22679-803	SHROUD INSTALLATION, ENGINE AIR COOLING MODIFIED BY 8-21902 FOR NHA SEE FIG. 2.10-7	RF	G	
	8-22679-805	SHROUD INSTALLATION, ENGINE AIR COOLING FOR NHA SEE FIG. 2.10-7	RF	C	
	8-22679-811	SHROUD INSTALLATION, ENGINE AIR COOLING FOR NHA SEE FIG. 2.10-7	RF	D	
	8-22679-809	SHROUD INSTALLATION, ENGINE AIR COOLING FOR NHA SEE FIG. 2.10-7	RF	189	
	8-22679-3	SHROUD INSTALLATION, ENGINE AIR COOLING MODIFIED BY 8-26030 AND 8-21902 FOR NHA SEE FIG. 2.10-7	RF	F	
	8-22679-5	SHROUD INSTALLATION, ENGINE AIR COOLING MODIFIED BY 8-26030 AND 8-21902 FOR NHA SEE FIG. 2.10-7	RF	H	
	8-22679-801	SHROUD INSTALLATION, ENGINE AIR COOLING MODIFIED BY 8-26030 AND 8-21902 FOR NHA SEE FIG. 2.10-7	RF	J	
- 1	8-22659	• DOOR ASSY, ENGINE ACCESS WELDED REPLACED BY NOT INTCHG WITH 8-22659-3 AND 8-22659-5	2	A	
	8-22659-1	• DOOR ASSY, ENGINE ACCESS WELDED ALT INTCHG WITH 8-22659 ATTACHING PARTS	RF	A	
- 2	AN106410	• BOLT	32	A	
- 3	AN960C10L	• WASHER	32	A	
		-----X-----			
- 4	MS21048L3	• NUTPLATE, <72962> 96-37527-001	24	A	
- 5	MS21052-3	• NUTPLATE, <72962> 96-37528-001	8	A	
- 6	18-21958-69	• BLANKET ASSY, ENGINE SHROUD INSULATION <78741> SPEC 8-00541-69	1	A	
- 7	8-22659-3	• DOOR ASSY, ENGINE ACCESS FWD REPLACES NOT INTCHG WITH 8-22659	1	B	
- 8	8-22659-5	• DOOR ASSY, ENGINE ACCESS AFT REPLACES NOT INTCHG WITH 8-22659 ATTACHING PARTS	1	B	
- 9	AN106410	• BOLT	32	B	
- 10	AN960C10L	• WASHER	32	B	
		-----X-----			
- 11	8-22659-13	• SEAL	1	B	
- 12	18-21958-69	• BLANKET ASSY, AFT ENGINE SHROUD INSULATION <78741> SPEC 8-00541-69	1	B	
- 13	8-22659	• DOOR ASSY, WELDED	1	B	
- 14	MS21048L3	• NUTPLATE, <72962> 96-37527-001	24	B	
- 15	MS21052-3	• NUTPLATE, <72962> 96-37528-001	8	B	
- 16	8-22620-1	• DOOR ASSY, DRAG FITTING SHROUD ACCESS STA 605 WELDED ATTACHING PARTS	2	35	
- 17	AN106410	• BOLT	28	35	
- 18	AN960C10L	• WASHER	28	35	
		-----X-----			
- 19	MS21048L3	• NUTPLATE, <72962> 96-37527-001	20	35	
- 20	MS21052-3	• NUTPLATE, <72962> 96-37528-001	8	35	

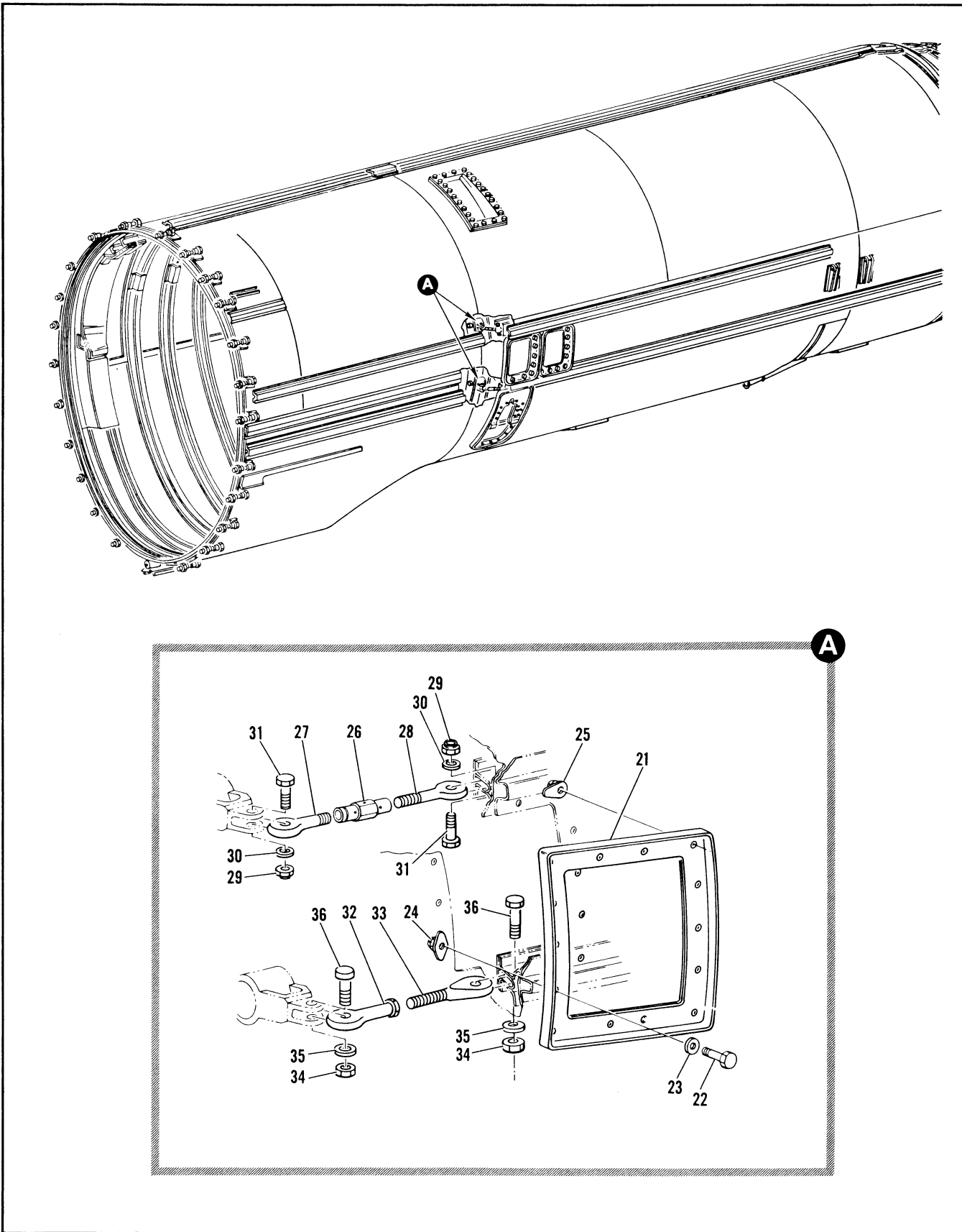


Figure 2.10-12. Engine Air Cooling Shroud Installation (Sheet 2 of 4)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.10-12- 21	8-22660-1	• DOOR ASSY, DRAG FITTING SHROUD ACCESS STA 612 WELDED REPLACED BY NOT INTCHG WITH 8-22660-3	2	A	
	8-22660-3	• DOOR ASSY, DRAG FITTING SHROUD ACCESS STA 612 WELDED REPLACES NOT INTCHG WITH 8-22660-1 ATTACHING PARTS	2	B	
- 22	AN106410	• BOLT	28	35	
- 23	AN960C10L	• WASHER -----X-----	28	35	
- 24	MS21048L3	• NUTPLATE, <72962> 96-37527-001	14	35	
- 25	MS21052-3	• NUTPLATE, <72962> 96-37528-001	14	35	
- 26	8-22672	• NUT, SLEEVE	2	35	
- 27	8-22671-7	• EYEBOLT, ENGINE COOLING SHROUD	2	35	
- 28	8-22671	• EYEBOLT, ENGINE COOLING SHROUD ATTACHING PARTS	2	35	
- 29	MS20500-428	• NUT	4	35	
- 30	AN960C416	• WASHER	4	35	
- 31	12A428-4H	• BOLT, <82831> 90-82016-001 -----X-----	4	35	
- 32	BRE5630	• BEARING, <81376> 90-60008-001	2	35	
- 33	BRE5635	• BEARING, <81376> 90-60007-001 ATTACHING PARTS	2	35	
- 34	MS20500-524	• NUT	4	35	
- 35	AN960C516	• WASHER	4	35	
- 36	12A524-5	• BOLT, <82831> 90-83016-002 -----X-----	4	35	
		A AIRPLANES #35 THRU 51 AND 54 B AIRPLANES #52, 53, 55 AND ON C AIRPLANES #44 THRU 51 AND 54 D AIRPLANES #52, 53, AND 55 THRU 188 F AIRPLANES #279 THRU 281 AND 286 G AIRPLANES #35 THRU 43, 304 AND ON H AIRPLANES #278, 282, 284, 285, AND 288 THRU 300 J AIRPLANES #283, 287, AND 301 THRU 303			

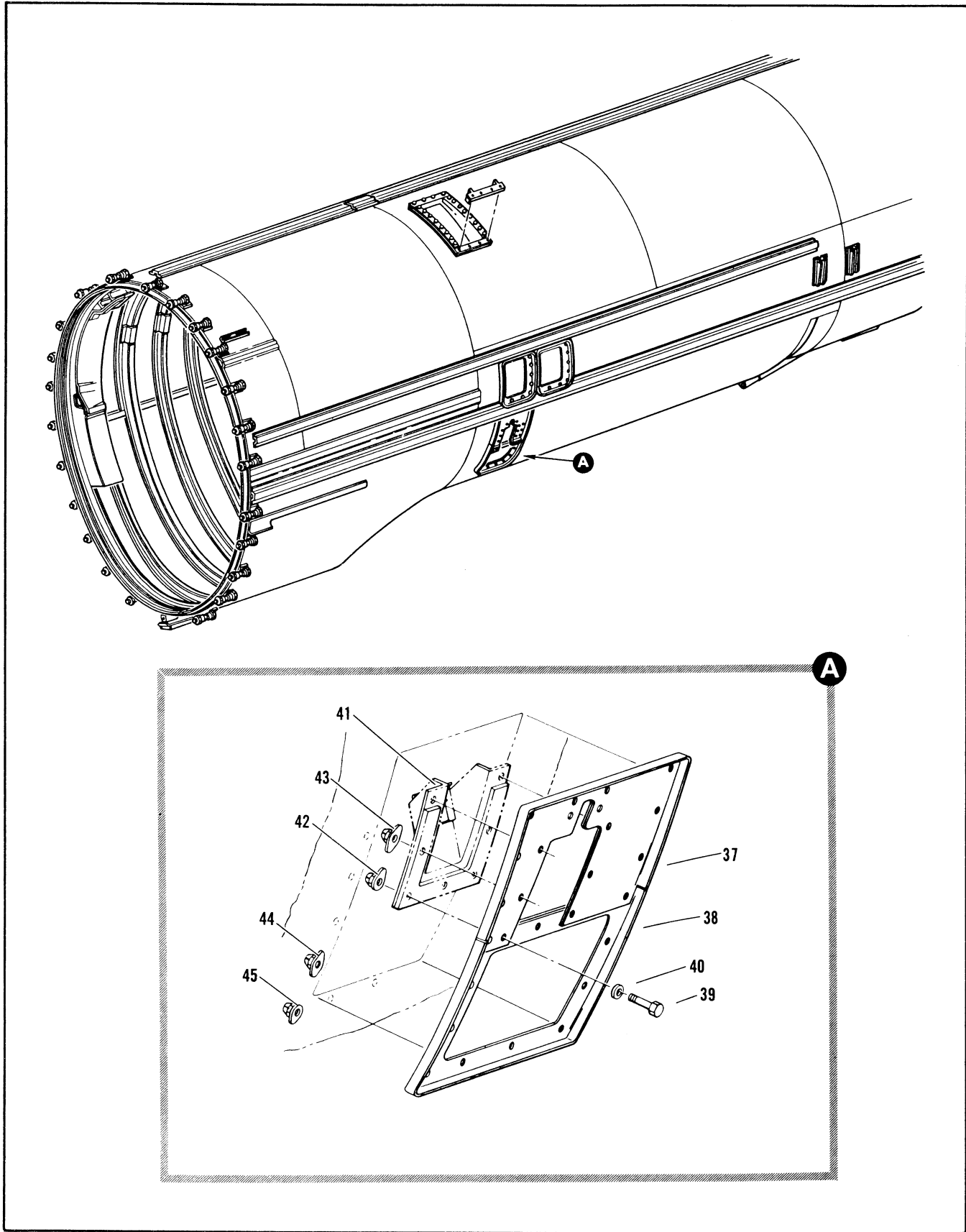


Figure 2.10-12. Engine Air Cooling Shroud Installation (Sheet 3 of 4)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.10-12- 37	8-22661-5	• DOOR ASSY, ROLLER BRACKET ACCESS UPPER LH WELDED	1	35	
	8-22661-6	• DOOR ASSY, ROLLER BRACKET ACCESS UPPER RH WELDED	1	35	
- 38	8-22621-3	• DOOR ASSY, ROLLER BRACKET ACCESS LOWER LH WELDED	1	35	
	8-22621-4	• DOOR ASSY, ROLLER BRACKET ACCESS LOWER RH WELDED	1	35	
		ATTACHING PARTS			
- 39	AN106410	• BOLT	60	35	
- 40	AN960C10L	• WASHER	60	35	
		-----X-----			
- 41		• SEAL ASSY, ENGINE COOLING SHROUD SEE FIG. 2.10-39 INDEX 18	RF		
- 42	ZA21-1200-02BC	• NUTPLATE, <72962> 96-37526-001	6	35	
- 43	ZA217-1200-02BC	• NUTPLATE, <72962> 96-37529-001	8	35	
- 44	MS21048L3	• NUTPLATE, <72962> 96-37527-001	32	35	
- 45	MS21052-3	• NUTPLATE, <72962> 96-37528-001	10	35	

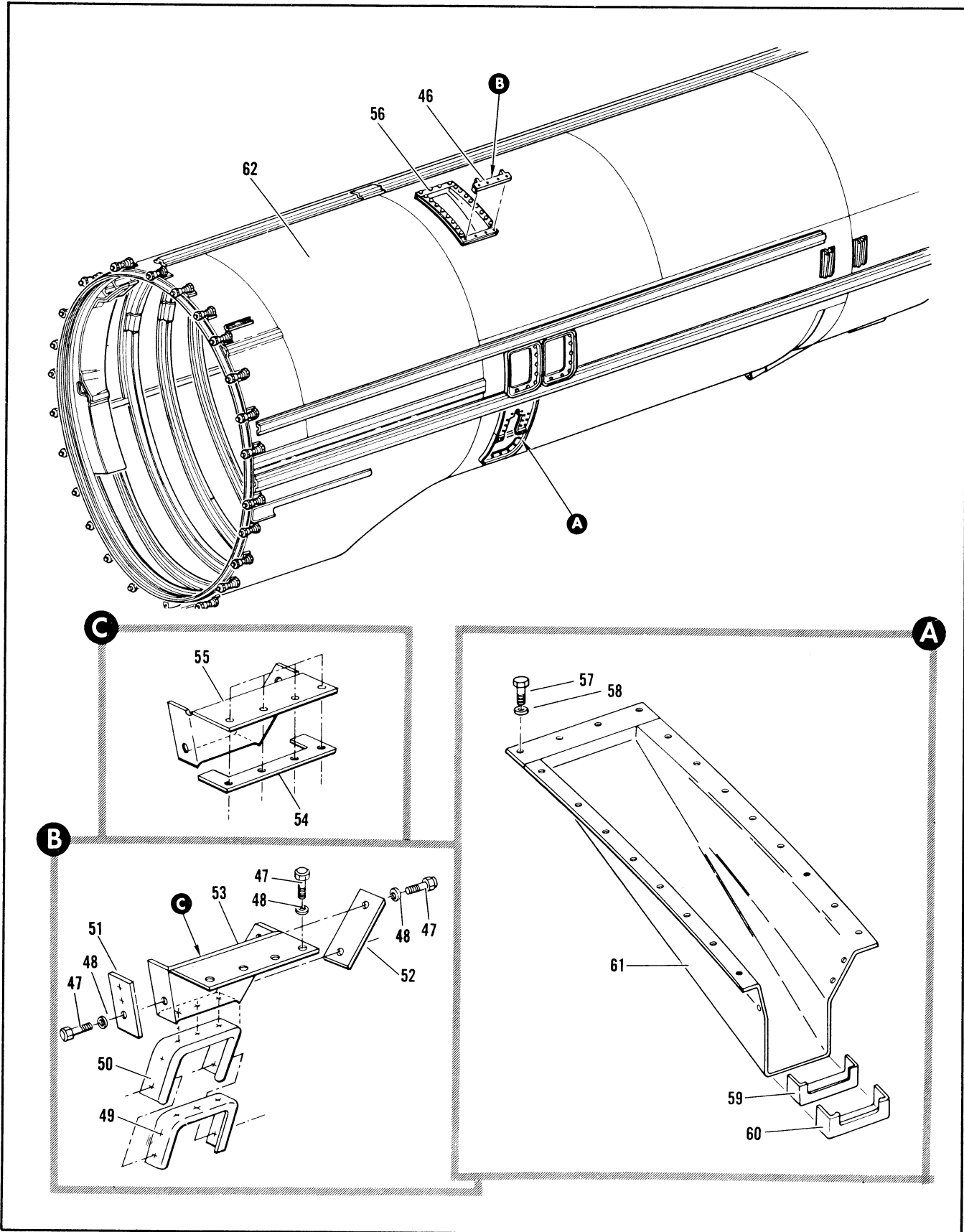


Figure 2.10-12. Engine Air Cooling Shroud Installation (Sheet 4 of 4)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.10-12- 46	8-22663-801 8-22663-802	• SEAL ASSY, ENGINE MOUNT AFT LH • SEAL ASSY, ENGINE MOUNT AFT RH ATTACHING PARTS	1 1	35 35	
- 47	AN106410	• BOLT	14	35	
- 48	AN960C10L	• WASHER -----X-----	14	35	
- 49	8-22663-39	• • RETAINER	1	35	
- 50	8-22663-21	• • SEAL	1	35	
- 51	8-22663-23	• • SEAL	1	35	
- 52	8-22663-25	• • SEAL	1	35	
- 53	8-22663-41	• • SEAL	1	8	
- 54	8-22663-37	• • SUPPORT ASSY, LH WELDED	1	35	
	8-22663-38	• • SUPPORT ASSY, RH WELDED	1	35	
- 55	8-22662-3 8-22662-4	• PAN ASSY, ENGINE MOUNT AFT LH • PAN ASSY, ENGINE MOUNT AFT RH ATTACHING PARTS	1 1	35 35	
- 56	AN106410	• BOLT	40	35	
- 57	AN960C10L	• WASHER -----X-----	40	35	
- 58	8-22662-15	• • RETAINER	1	35	
- 59	8-22662-17	• • SEAL	1	35	
- 60	8-22662-7 8-22662-8	• • PAN ASSY, LH WELDED • • PAN ASSY, RH WELDED	1 1	35 35	
- 61	8-22654-803 8-22654-809 8-22654-5 8-22654-801	• SHROUD ASSY, ENGINE COOLING FOR BREAKDOWN SEE FIG. 2.10-13 • SHROUD ASSY, ENGINE COOLING FOR BREAKDOWN SEE FIG. 2.10-13 • SHROUD ASSY, ENGINE COOLING FOR BREAKDOWN SEE FIG. 2.10-13 • SHROUD ASSY, ENGINE COOLING FOR BREAKDOWN SEE FIG. 2.10-13	1 1 1 1	E 35 F H	277
		E AIRPLANES #35 THRU 43, 283, 287, 301 AND ON F AIRPLANES #279 THRU 281 AND 286 H AIRPLANES #278, 282, 284, 285, AND 288 THRU 300			

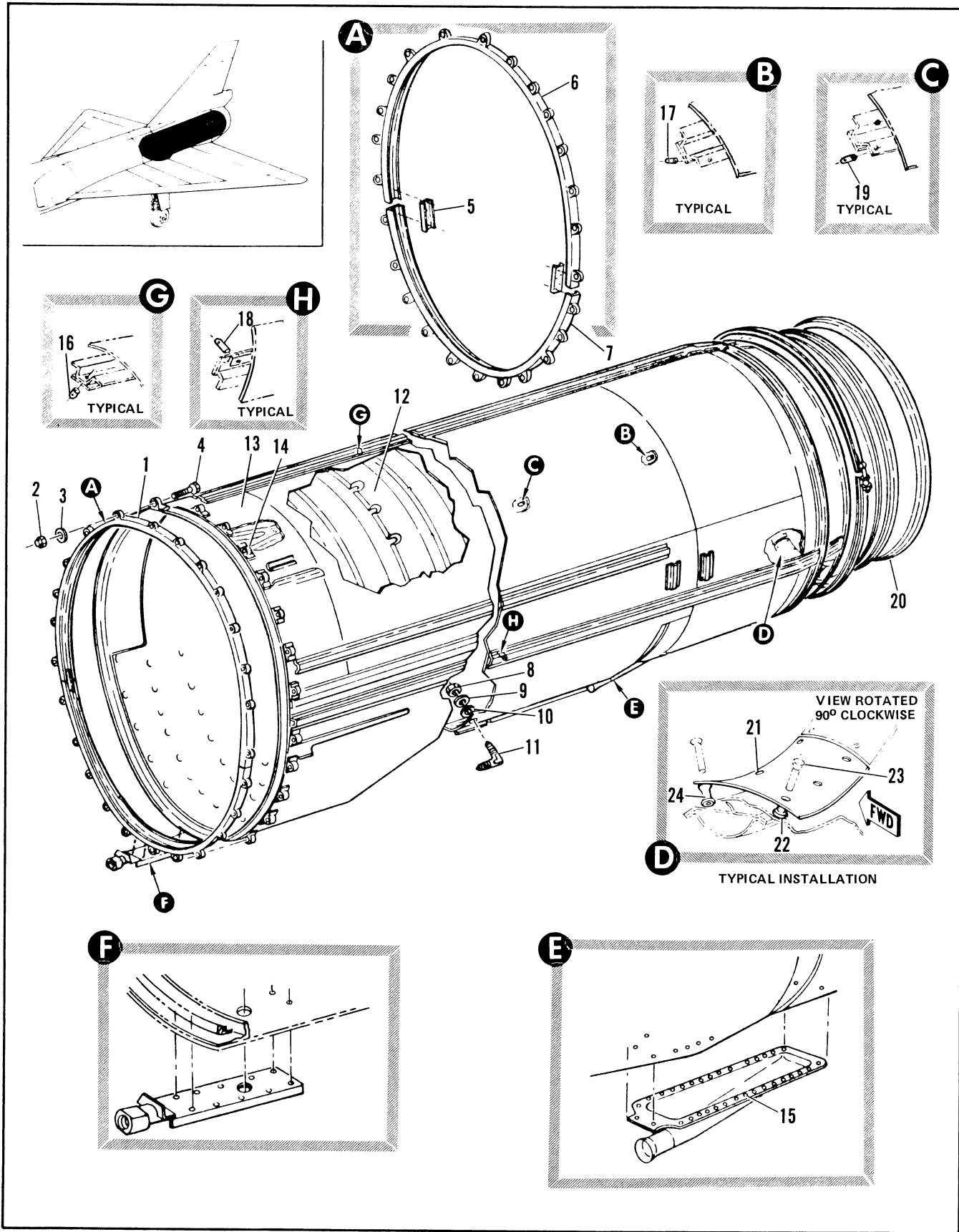


Figure 2.10-13. Engine Cooling Shroud Assembly (Sheet 1 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.10-13	8-22654-803	SHROUD ASSEMBLY, ENGINE COOLING MODIFIED BY 8-26030 AND 8-21902 REPLACES SUITABLE SUB FOR 8-22654-801 FOR NHA SEE FIG. 2.10-12	RF	A	
	8-22654-809	SHROUD ASSEMBLY, ENGINE COOLING FOR NHA SEE FIG. 2.10-12	RF	35	
	8-22654-5	SHROUD ASSEMBLY, ENGINE COOLING MODIFIED BY 8-26030 AND 8-21902 REPLACES SUITABLE SUB FOR 8-22654-801 FOR NHA SEE FIG. 2.10-12	RF	D	
	8-22654-801	SHROUD ASSEMBLY, ENGINE COOLING MODIFIED BY 8-26030 AND 8-21902 REPLACES SUITABLE SUB FOR 8-22654-5 REPLACES SUITABLE SUB 8-22654-803 FOR NHA SEE FIG. 2.10-12	RF	E	
- 1	8-22666-1	• RETAINER ASSY, SEAL FWD SHROUD ATTACHING PARTS	1	35	
- 2	NAS679C4	• NUT	25	35	
- 3	AN961C416L	• WASHER	25	35	
- 4	8-22673	• BOLT	25	35	
		----X----			
- 5	8-22666-15	• • SPLICE	2	35	
- 6	8-22666-19	• • RETAINER ASSY, WELDED REPLACES	1	35	
- 7	8-22666-21	• • RETAINER ASSY, WELDED REPLACES	1	35	
- 8	AN924-6C	• NUT	1	35	
- 9	AN960C916L	• WASHER	1	35	
- 10	AN960C916	• WASHER	1	35	
- 11	MS21908-6C	• ELBOW	1	35	
- 12	8-22655-801	• BLANKET INSTL, ENGINE SHROUD FOR BREAKDOWN SEE FIG. 2.10-14	1	35	
- 13	8-22654-467	• SHROUD ASSY,	1	35	
	8-22654-15	• SHROUD ASSEMBLY	1	D	
	8-22654-379	• SHROUD ASSEMBLY	1	E	
- 14	8-22664	• • BRACKET ASSY, RETAINER FWD ENGINE SHROUD RIVETED	25	35	
	8-22668	• • TROUGH INSTL, SHROUD DRAIN	1	35	
- 15	8-22668-7	• • • TROUGH ASSY, WELDED	1	35	
- 16	8-22665	• • • STUD, 5/16 BLANKET ATTACHMENT	AR	35	
- 17	8-22640-25	• • • STUD, BLANKET ATTACHMENT	44	35	
- 18	8-22640-27	• • • STUD, BLANKET ATTACHMENT	AR	35	
- 19	8-22640-17	• • • STUD, BLANKET ATTACHMENT	24	35	
- 20	8-26610	• • EJECTOR ASSY, ENGINE SHROUD WELDED	1	H	
	8-26610-3	• • EJECTOR ASSY, ENGINE SHROUD WELDED	1	K	
- 21	8-26054-7	• • • INSERT, ENGINE SHROUD EJECTOR THROAT	35	188	
- 22	8-26055-7	• • • SPOOL, ENGINE SHROUD EJECTOR INSERT AFT	35	188	
- 23	AN-123528	• • • RIVET	36	189	
	NAS560-HK310	• • • SCREW, ALT INTCHG WITH AN-123528	36	189	
	MS20500-1032	• • • NUT, USE WITH NAS560-HK310	36	189	
- 24	8-26056-7	• • • SPOOL, ENGINE SHROUD EJECTOR INSERT FWD	35	188	
	8-22698	• • TROUGH INSTL, FWD ENGINE SHROUD	1	35	
		1 REMOVED FROM AIRPLANES #35 THRU 43 FOR AIRPLANES #283, 287, 301 AND ON ORDER 8-22654-809			
		5 REMOVED FROM AIRPLANES #35 THRU 188			

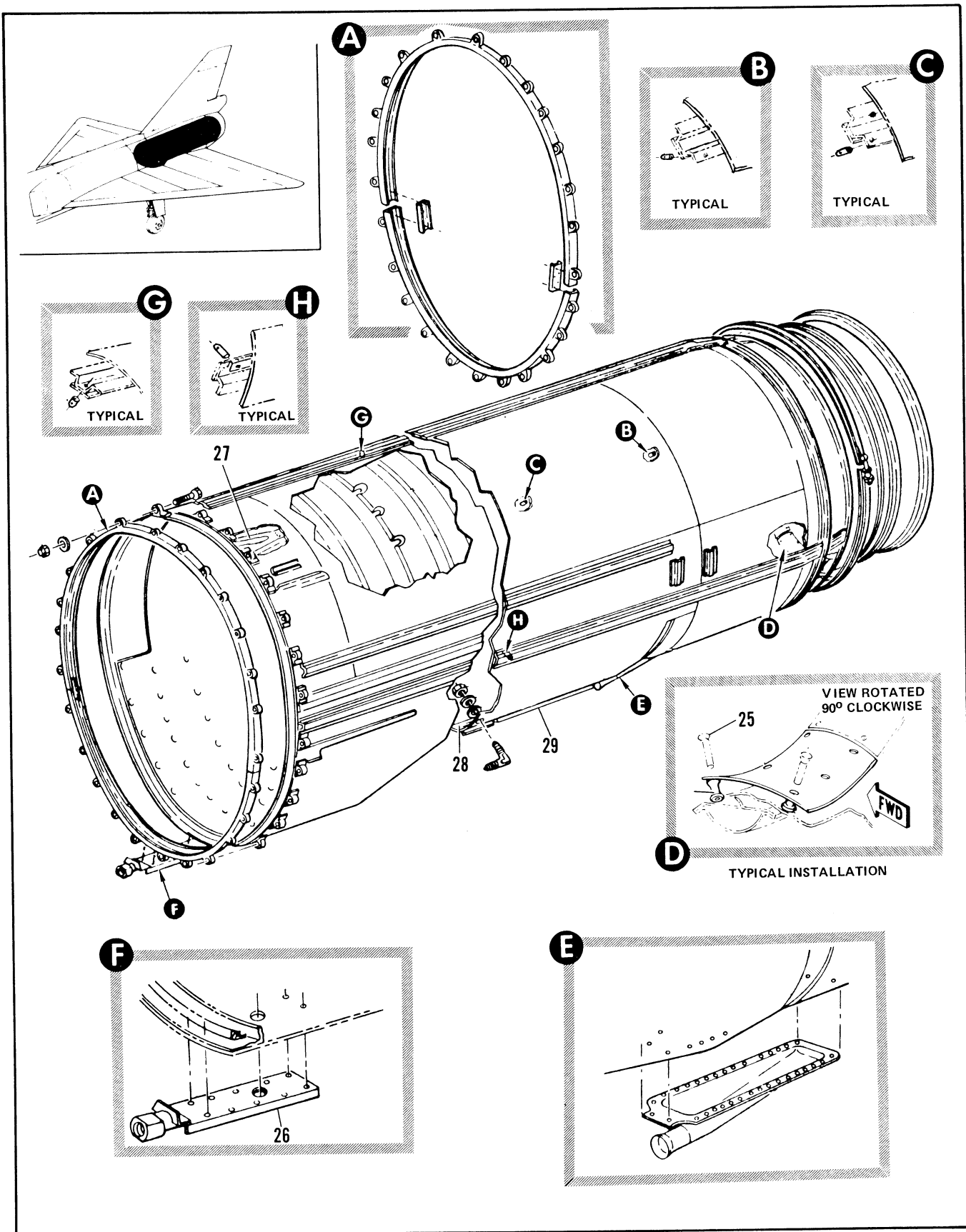


Figure 2.10-13. Engine Cooling Shroud Assembly (Sheet 2 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.10-13- 25	AN-123526	. . . RIVET	36	189	
	NAS560-HK315	. . . SCREW, ALT INTCHG WITH AN-123526	36	189	
	MS20500-1032	. . . NUT, USE WITH NAS560-HK315	36	189	
- 26	8-22698-15	. . . TROUGH ASSY, WELDED	1	35	
- 27	8-26600-1	. . . DEFLECTOR ASSY, ENGINE COOLING SHROUD LH WELDED	1	35	
	8-26600-2	. . . DEFLECTOR ASSY, ENGINE COOLING SHROUD RH WELDED	1	35	
	8-22654-431	. . . SHROUD ASSY, WELDED	1	J	
- 28	8-22654-419	. . . LONGERON	4	J	
- 29	8-22654-439	. . . LONGERON	1	J	
		A AIRPLANES #35 THRU 43, 283, 287 301 AND ON			
		D AIRPLANES #279 THRU 281 AND 286			
		E AIRPLANES #278, 282, 284, 285, AND 288 THRU 300			
		H AIRPLANES #35 THRU 188, 283, 287, 301 AND ON			
		J AIRPLANES #35 THRU 277, 283, 287, 301 AND ON			
		K AIRPLANES #35 THRU 282, 284 THRU 286, 288 THRU 300			

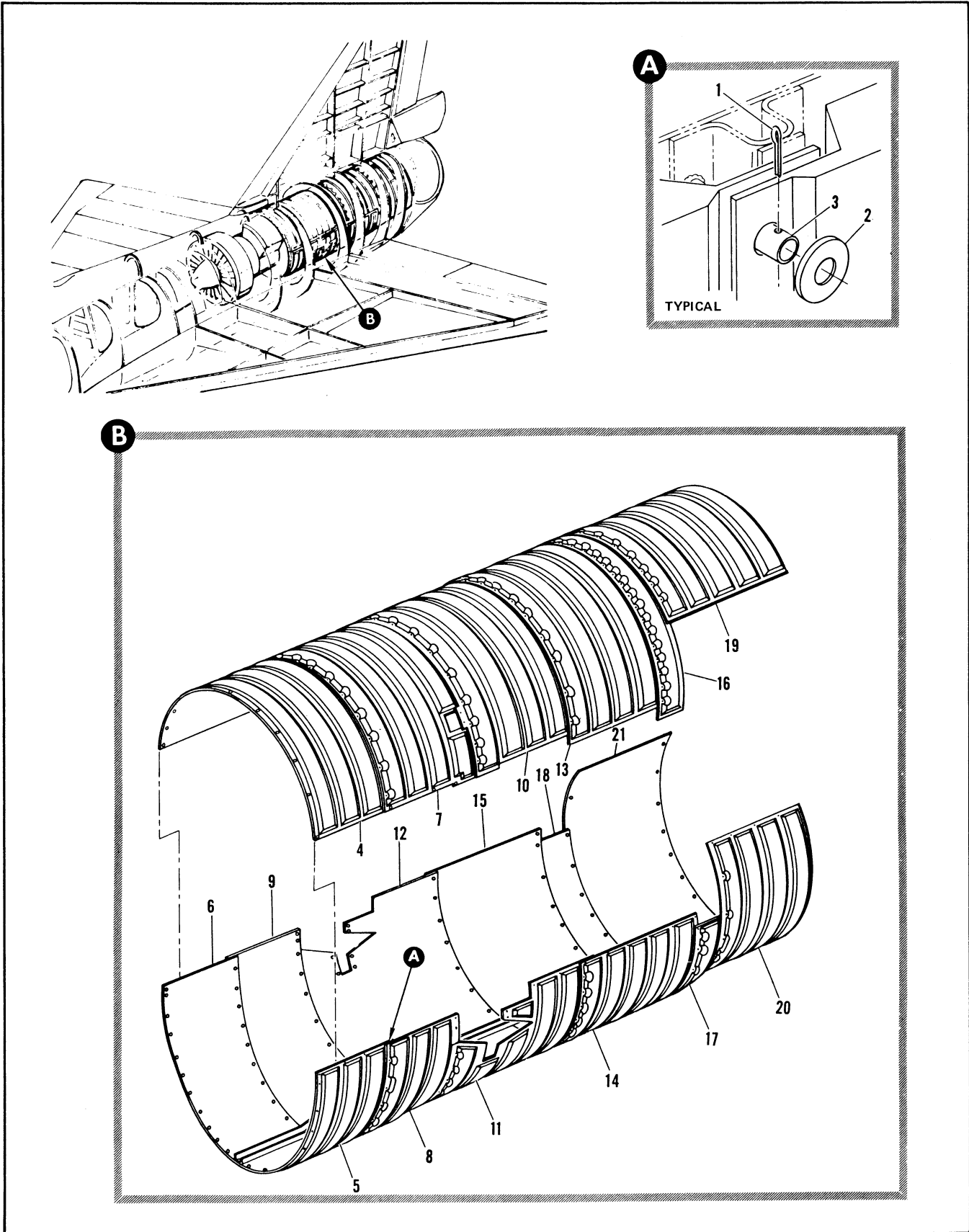


Figure 2.10-14. Engine Shroud Blanket Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.10-14	8-22655-801	BLANKET INSTALLATION, ENGINE SHROUD FOR NHA SEE FIG. 2.10-13	RF	35	
- 1	AN381-2-12	• PIN, COTTER	AR	35	
- 2	8-22644	• WASHER	AR	35	
	8-22644-7	• WASHER, ENGINE SHROUD COOLING BLANKET	AR	35	
	AN427M3	• RIVET	AR	35	
- 3	8-22640-27	• STUD, BLANKET ATTACH	AR	35	
	8-22640-25	• STUD, BLANKET ATTACH	AR	35	
	8-22640-23	• STUD, BLANKET ATTACH	AR	35	
- 4	18-21958-79	• BLANKET ASSY, ENGINE SHROUD UPPER <78741> SPEC 8-00541-79	1	35	
- 5	18-21958-81	• BLANKET ASSY, ENGINE SHROUD LOWER LH <78741> SPEC 8-00541-81	1	35	
- 6	18-21958-82	• BLANKET ASSY, ENGINE SHROUD LOWER RH <78741> SPEC 8-00541-82	1	35	
- 7	18-21958-47	• BLANKET ASSY, ENGINE SHROUD UPPER <78741> SPEC 8-00541-47	1	35	
- 8	18-21958-95	• BLANKET ASSY, ENGINE SHROUD LOWER LH <78741> SPEC 8-00541-95	1	35	
- 9	18-21958-96	• BLANKET ASSY, ENGINE SHROUD LOWER RH <78741> SPEC 8-00541-96	1	35	
- 10	18-21958-61	• BLANKET ASSY, ENGINE SHROUD UPPER <78741> SPEC 8-00541-61	1	35	
- 11	18-21958-83	• BLANKET ASSY, ENGINE SHROUD LOWER LH <78741> SPEC 8-00541-83	1	35	
- 12	18-21958-84	• BLANKET ASSY, ENGINE SHROUD LOWER RH <78741> SPEC 8-00541-84	1	35	
- 13	18-21958-91	• BLANKET ASSY, ENGINE SHROUD UPPER <78741> SPEC 8-00541-91	1	35	
- 14	18-21958-89	• BLANKET ASSY, ENGINE SHROUD LOWER LH <78741> SPEC 8-00541-89	1	35	
- 15	18-21958-90	• BLANKET ASSY, ENGINE SHROUD LOWER RH <78741> SPEC 8-00541-90	1	35	
- 16	18-21958-85	• BLANKET ASSY, ENGINE SHROUD UPPER <78741> SPEC 8-00541-85	1	35	
- 17	18-21958-87	• BLANKET ASSY, ENGINE SHROUD LOWER LH <78741> SPEC 8-00541-87	1	35	
- 18	18-21958-88	• BLANKET ASSY, ENGINE SHROUD LOWER RH <78741> SPEC 8-00541-88	1	35	
- 19	18-21958-63	• BLANKET ASSY, ENGINE SHROUD UPPER <78741> SPEC 8-00541-63	1	35	
- 20	18-21958-93	• BLANKET ASSY, ENGINE SHROUD LOWER LH <78741> SPEC 8-00541-93	1	35	
- 21	18-21958-94	• BLANKET ASSY, ENGINE SHROUD LOWER RH <78741> SPEC 8-00541-94	1	35	

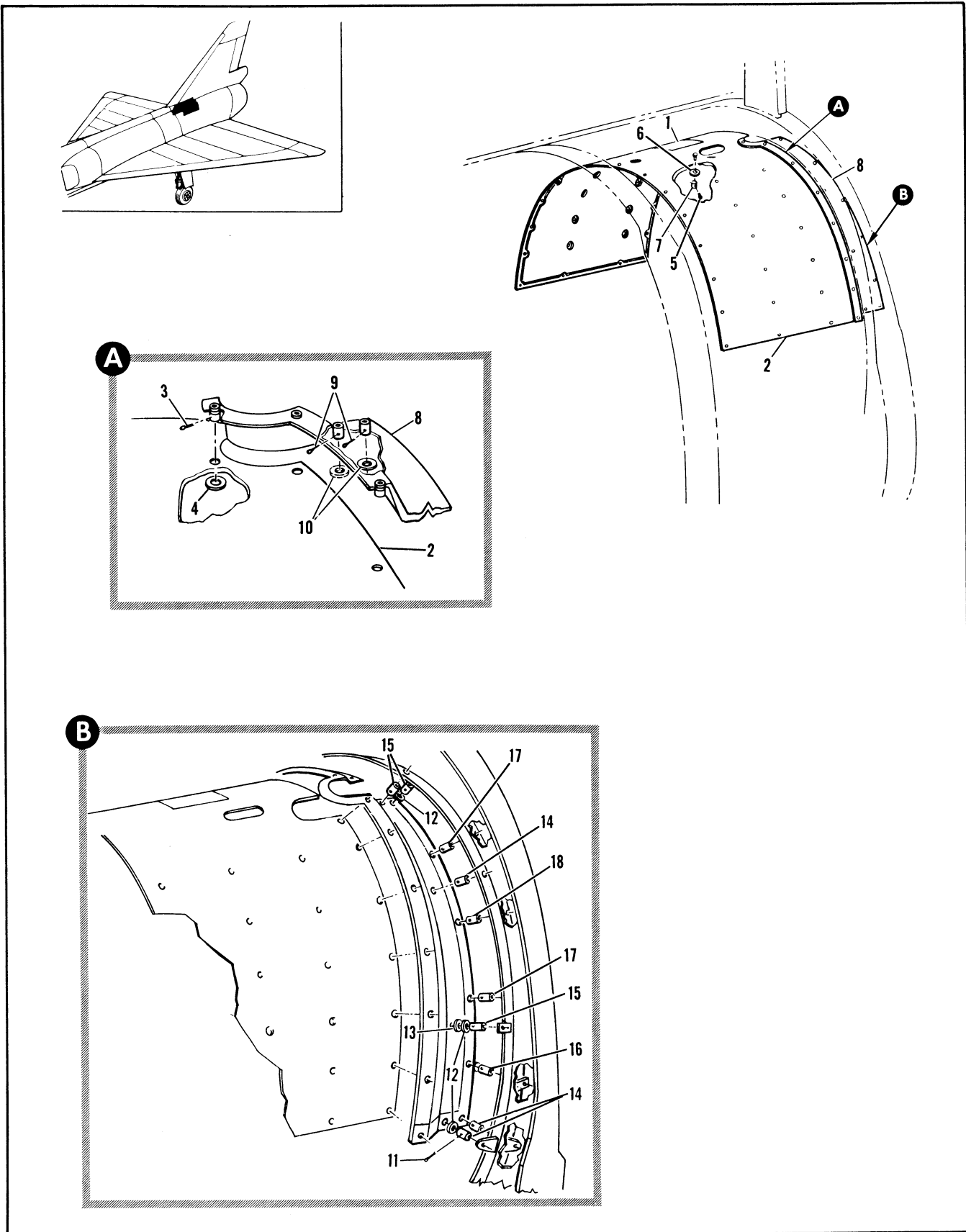


Figure 2.10-15. Fuselage Overheat Insulation Blanket Installation Sta 530 to 556

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.10-15	8-22096	BLANKET INSTALLATION, FUSELAGE OVERHEAT INSULATION STA 530 TO 556 FOR NHA SEE FIG. 2.3-15 INDEX 25	RF	35	
- 1	18-22074-9	• BLANKET, FUSELAGE OVERHEAT INSULATION DOOR RH <78741> SPEC 8-00424-9	1	35	
- 2	18-22074-7	• BLANKET, FUSELAGE OVERHEAT INSULATION <78741> SPEC 8-00424-7 ATTACHING PARTS	1	35	
- 3	MS24665-153	• PIN, COTTER	15	35	
- 4	8-22644-9	• WASHER	15	35	
- 5	MS24665-153	• PIN, COTTER	42	35	
- 6	8-22644	• WASHER	42	35	
- 7	8-22640-19	• STUD, 1/4 BLANKET ATTACHING ----X----	42	35	
- 8	18-22074-11	• BLANKET, FUSELAGE OVERHEAT INSULATION LH <78741> SPEC 8-00424-11	1	35	
	18-22074-12	• BLANKET, FUSELAGE OVERHEAT INSULATION RH <78741> SPEC 8-00424-12 ATTACHING PARTS	1	35	
- 9	MS24665-153	• PIN, COTTER	2	35	
- 10	8-22644-9	• WASHER	2	35	
- 11	MS24665-153	• PIN, COTTER	20	35	
- 12	8-22644	• WASHER	20	35	
- 13	8-22644	• WASHER	2	48	
- 14	8-22640-19	• STUD, 1/4 BLANKET ATTACHING	6	35	
- 15	8-22640-29	• STUD, 1/4 BLANKET ATTACHING	6	35	
- 16	8-22640-11	• STUD, 1/4 BLANKET ATTACHING	2	35	
- 17	8-22640-31	• STUD, 1/4 BLANKET ATTACHING	4	35	
- 18	8-22640-31	• STUD, 1/4 BLANKET ATTACHING LH	1	35	
	8-22640-31	• STUD, 1/4 BLANKET ATTACHING RH ----X----	1	35	

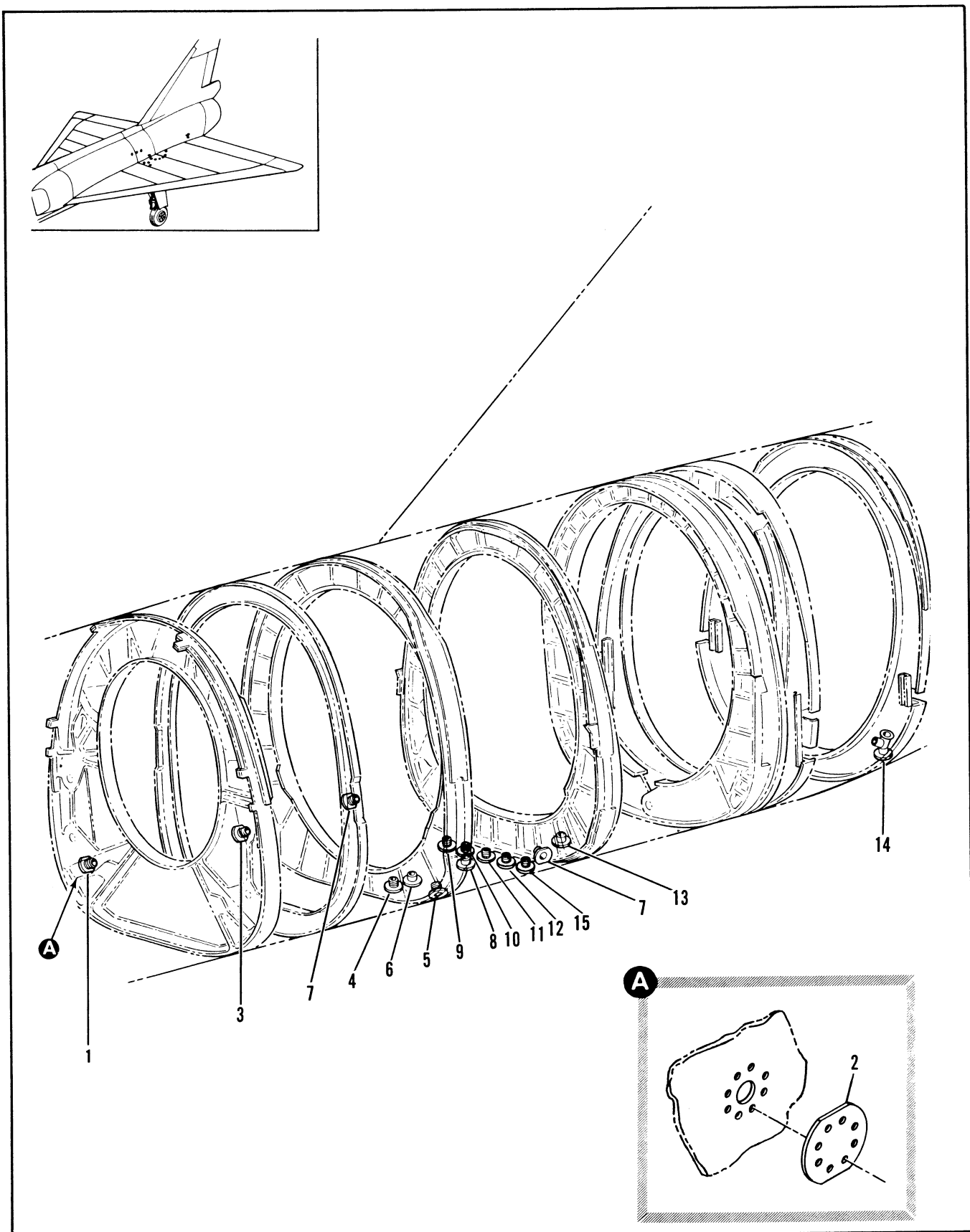


Figure 2.10-16. Fuel and Oil Vent and Drain Fitting Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE		
				FROM	TO	
				1	2	3
2.10-16	8-27768-3	FITTING INSTALLATION, FUEL AND OIL VENT AND DRAIN MODIFIED BY 8-28516 8-21918 8-21920 AND 8-21910 FOR NHA SEE FIG. 2.3-14	RF	35		
- 1	8-28954-9	• ADAPTER, CONSTANT SPEED DRIVE GEARBOX VENT STA 476	1	278	296	
	8-28951-13	• ADAPTER, CONSTANT SPEED DRIVE GEARBOX VENT STA 476 ALT INTCHG WITH 8-28954-9	RF	278	296	
	7239289-10	• PATCH INSTL, ADAPTER OVERBOARD DRAIN HOLE	1	278	296	
- 2	7239289-01	• • PATCH	1	278	296	
- 3	8-28954-7	• ADAPTER, CONSTANT SPEED DRIVE GENERATOR VENT STA 514	1	35		
- 4	8-26005-11	• ADAPTER, STARTER SEAL DRAIN STA 524	1	44		
- 5	8-26005-9	• ADAPTER, OIL SCUPPER DRAIN STA 525	1	35		
- 6	8-28254	• ADAPTER, TRANSFER TANK REGULATOR CROSSOVER TUBE DRAIN STA 527	1	35		
- 7	8-28954-9	• ADAPTER, TRANSFER TANK AIR PRESSURE REGULATOR BLEED DRAIN STA 542	2	278	296	
	8-28951-13	• ADAPTER, TRANSFER TANK AIR PRESSURE REGULATOR BLEED DRAIN ALT INTCHG WITH 8-28954-9	RF	278	296	
- 8	8-28254	• ADAPTER, ENGINE FUEL SUPPLY TUBE DRAIN STA 549	1	35		
- 9	8-26005-13	• ADAPTER, AFTERBURNER FUEL MANIFOLD DRAIN STA 551 BL 4.25	1	35		
- 10	8-26005-11	• ADAPTER, ENGINE FUEL CONTROL DRAIN STA 551 BL 6.50	1	35		
- 11	8-26005-9	• ADAPTER, FWD SHROUD DRAIN STA 551 BL 10.25	1	35		
- 12	8-28337	• ADAPTER, COMBUSTION MANIFOLD DRAIN STA 551 BL 14	1	35		
- 13	8-28254	• ADAPTER, TRANSFER TANK CROSSOVER DRAIN STA 562	1	35		
- 14	8-27637-13	• DRAIN ASSY, AFT SHROUD AND AFTERBURNER DUCT DRAIN STA 646 WELDED	1	35		
- 15	8-27457-19	• ADAPTER, EXHAUST NOZZLE CONTROL SEAL DRAIN	1	35		

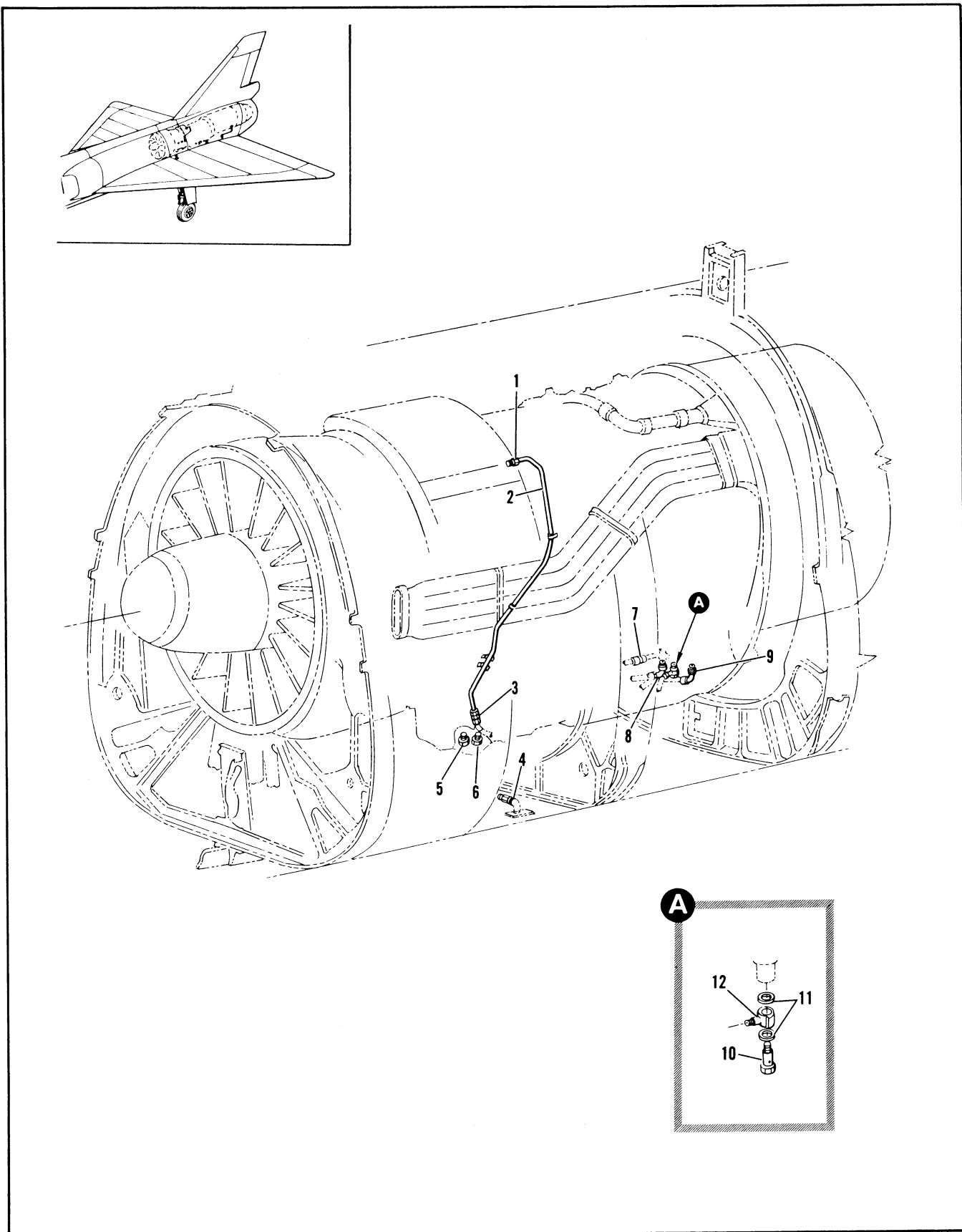


Figure 2.10-17. Power Plant Vent and Drain Tubing Assembly Spares

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.10-17	8-20393-3	TUBING ASSEMBLY, POWER PLANT VENT AND DRAIN SPARES	PF	35	
- 1	MS21916-8-6	. REDUCER	1	35	
	MS29512-8	. GASKET	1	35	
- 2	8-20393-9	. TUBE ASSEMBLY	1	35	
- 3	MS21916-8-6	. REDUCER	1	35	
- 4	MS21916D6-4	. REDUCER	1	35	
	AN924-4	. NUT	2	35	
- 5	AN814-4D	. PLUG	2	35	
- 6	AN814-6D	. PLUG	2	35	
	MS21916D6-4	. REDUCER	2	35	
	MS29512-6	. GASKET	2	35	
- 7	MS21502-8	. UNION	1	35	
	MS29512-8	. GASKET	1	35	
- 8	MS21907-8	. ELBOW	1	A	
	AN924-8	. NUT	1	A	
	MS29512-8	. GASKET	1	A	
- 9	MS21908-4	. ELBOW	1	35	
	AN924-4	. NUT	1	35	
- 10	MS21512-4	. GASKET	1	35	
- 11	AN775-12	. BOLT	1	35	
- 12	AN901-12C	. WASHER	2	35	
	ER776-12	. ELBOW, UNIVERSAL <79470> 93-40013-003	1	35	
	91-98026-005	. CLAMP	3	35	43
	JP0025SH06	. CLAMP, <00986> 91-98037-004	4	44	
	JP0025SH08	. CLAMP, <00986> 91-98037-006	1	44	
	JP0025SH16	. CLAMP, <00986> 91-98037-014	2	44	
		USAGE GOVERNED BY SEAROX			
		A AIRPLANES #35 THRU 208 AND 210			

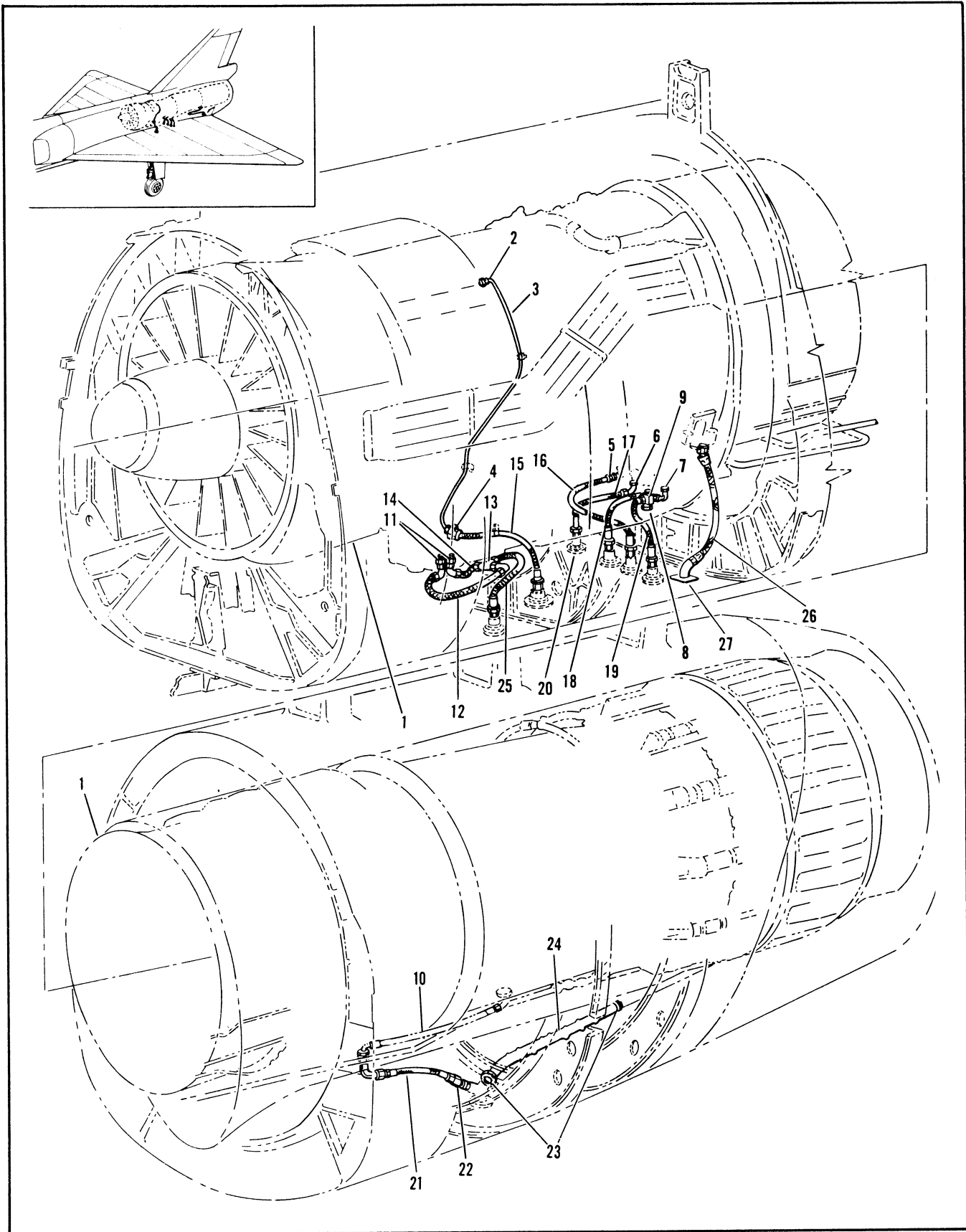


Figure 2.10-18. Power Plant Vent and Drain Tubing

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.10-18	8-20393-1	POWER PLANT VENT AND DRAIN TUBING • TUBING INSTL, POWER PLANT VENT AND DRAIN FOR NHA SEE FIG. 2.10-7	RF	35	
- 1		• • ENGINE ASSY, SEE FIG. 2.10-7 INDEX 212	RF		
- 2	MS21916-8-6	• • REDUCER	1	35	
	MS29512-8	• • GASKET	1	35	
- 3	8-20393-9	• • TUBE ASSEMBLY	1	35	
- 4	MS21916-8-6	• • REDUCER	1	35	
- 5	MS21902-8	• • UNION	1	35	
	MS29512-8	• • GASKET	1	35	
- 6	MS21907-8	• • ELBOW	1	A	
	AN924-8	• • NUT	1	A	
	MS29512-8	• • GASKET	1	A	
- 7	MS21908-4	• • ELBOW	1	35	
	AN924-4	• • NUT	1	35	
	MS29512-4	• • GASKET	1	35	
- 8	AN775-12	• • BOLT	1	35	
- 9	ER776-12	• • ELBOW, UNIVERSAL <79470> 93-40013-003	1	35	
	AN901-12C	• • WASHER	2	35	
- 10		• • HOSE ASSY, AFTERBURNER DRAIN SEE FIG. 2.10-7 INDEX 172	RF		
- 11	MS21902D4	• • UNION	2	44	
	MS29512-4	• • GASKET	2	44	
- 12	R9844S4-6111-90	• • HOSE ASSY, VENT AND DRAIN <50599> 94-80549-002	1	44	
- 13	MS21909D4	• • TEE	1	44	
	AN924-4D	• • NUT	1	44	
	AN960D716L	• • WASHER	1	44	
- 14	R9806S4-0055	• • HOSE ASSY, VENT AND DRAIN <50599> 94-80510-019	1	44	
	8-20393	• TUBING INSTL, POWER PLANT TO FUSELAGE VENT AND DRAIN FOR NHA SEE FIG. 2.3-14	RF	35	
- 15	C9660	• • HOSE ASSY, OIL SCUPPER DRAIN <81481> 94-80513-006	1	35	
- 16	C9660	• • HOSE ASSY, FWD SHROUD DRAIN <81481> 94-80513-006	1	35	
- 17	260-860605J	• • HOSE ASSY, 0124-MANIFOLD DRAIN FUEL	1	35	
- 18	R9805S4-0120	• • HOSE ASSY, ENGINE FUEL CONTROL DRAIN <50599> 94-80509-010	1	35	
- 19	R9805DDS12-0120	• • HOSE ASSY, COMBUSTION MANIFOLD DRAIN <50599> 94-80509-011	1	35	
- 20		• • ADAPTER, AFTERBURNER FUEL MANIFOLD DRAIN STA 551 BL 40 SEE FIG. 2.10-16	RF		
- 21	C888E	• • HOSE ASSY, AFTERBURNER DRAIN <81481> 94-80514-005	1	35	
- 22	MS21902-6	• • UNION	1	35	
	MS29512-6	• • GASKET	1	35	
- 23	4265-156D	• • COUPLING, <98625> 92-73003-012	2	35	
- 24	8-22648-1	• • TUBE ASSY, ENGINE SHROUD DRAIN WELDED	1	35	
- 25	R9800-CCA4-0074	• • HOSE ASSY, VENT AND DRAIN <50599> 94-80545-007	1	44	
- 26	R3825S4-0124	• • HOSE ASSY, 180 ENGINE EXHAUST CONTROL SEAL DRAIN <50599> 94-80544-005	1	35	
	AN929-4	• • CAP	1		
- 27		• • ADAPTER, EXHAUST NOZZLE CONTROL SEAL DRAIN STA 551 BL 18.25 SEE FIG. 2.10-16 ENGINES WITHOUT DRAIN PROVISIONS SHALL REQUIRE THE DRAIN ADAPTER TO BE CAPPED AND HOSE RETURNED TO STOCK AIRPLANES #35 THRU 208 AND 210 AIRPLANES #209, 211 AND ON	RF		

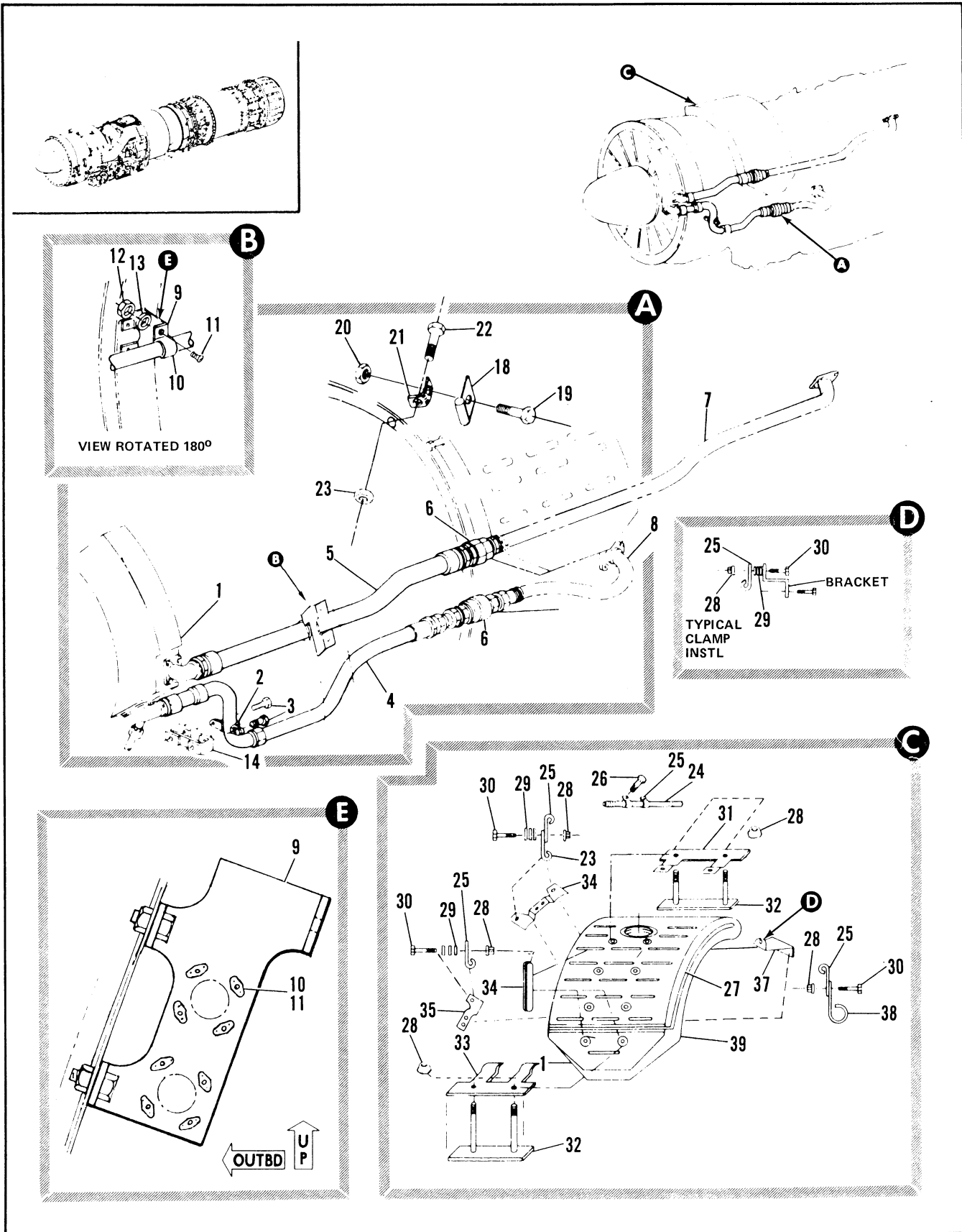


Figure 2.10-19. Engine Oil Cooler Tubing Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.10-19	8-28267-1	TUPING INSTALLATION, ENGINE OIL COOLER FOR NHA SEE FIG. 2.3-3	RF	35	
- 1	8-27544-21	• COOLER ASSY, ENGINE OIL SEE FIG. 2.10-21 INDEX 1	RF		
- 2	TA4C57D16T	• CLAMP	1	35	
- 3	AN3C4A	• BOLT	1	35	
- 4	R10233	• HOSE ASSY, ENGINE OIL OUTLET (50599)	1	35	
	R10233B	• HOSE ASSY, ENGINE OIL OUTLET (50599)	1	35	
	HR10233	• HOSE ASSY, ENGINE OIL OUTLET (50599) REPLACES/INTCHG WITH R10233, R10233B	1	35	
- 5	R9800DDS16-0273	• HOSE ASSY, ENGINE OIL INLET (50599) 94-80547-001	1	35	
	R9800CC16-0274	• HOSE ASSY, ENGINE OIL INLET, SUITABLE SUB FOR R9800DDS16-0273	1	35	
- 6	AE94502M	• COUPLING, HALF	2	35	
- 7		• TUBE ASSY, ENGINE OIL INLET SEE FIG. 2.10-24 INDEX 19	RF		
- 8		• TUBE ASSY, ENGINE OIL OUTLET SEE FIG. 2.10-24 INDEX 10	RF		
- 9	65C33074-7	• BRACKET	1	35	
- 10	MS21073-4	• NUT PLATE	8	ALL	
- 11	MS20470AD3-6	• RIVETS	16	ALL	
- 12	MS21919DG17	• CLAMP	1	35	
- 13	AN3-5A	• BOLT	1	35	
- 14	AN365-1032C	• NUT	1	35	
- 15	AN960-10	• WASHER	1	35	
- 16	66C36047	• BRACKET	1	35	
- 17	67C34033	• UNION	1	35	
- 18	40GWCS2	• CLAMP (00502) ATTACHING PARTS	4		
- 19	NAS1351C3-6	• SCREW	4		
- 20	MS21043-3	• NUT ----X----	4		
- 21	MS9103-02	• BRACKET	4		
- 22	NAS1351C5-8	• SCREW	4		
- 23	MS21043-5	• NUT, LOCK	4		
- 24	1007-00-400-1	• DETECTOR ASSY, RADIATION (24494)	1		
- 25	MS21919H5	• CLAMP ATTACHING PARTS	10		
- 26	NAS1351C3H6	• SCREW ----X----	2		
- 27	1007-00-300-1	• RADIATION SOURCE ASSY (24494)	1		
- 28	MS21042-3	• NUT	10		
- 29	AN960-10L	• WASHER	40		
- 30	AN3C3A	• BOLT	6		
- 31	7037316	• BRACKET, DETECTOR TUBE	1		
- 32	7037469	• HOLDER	2		
- 33	7037314	• BRACKET, LOWER TANK	1		
- 34	7037312	• SPACER	4		
- 35	7037311	• BRACKET, LOWER	1		
- 36	7037313	• BRACKET, UPPER	1		
- 37	7037315	• BRACKET, REAR	2		
- 38	JP002ESH16	• CLAMP, LOOP	1		
- 39	SWT1-4	• SPIRAL WRAP	1		

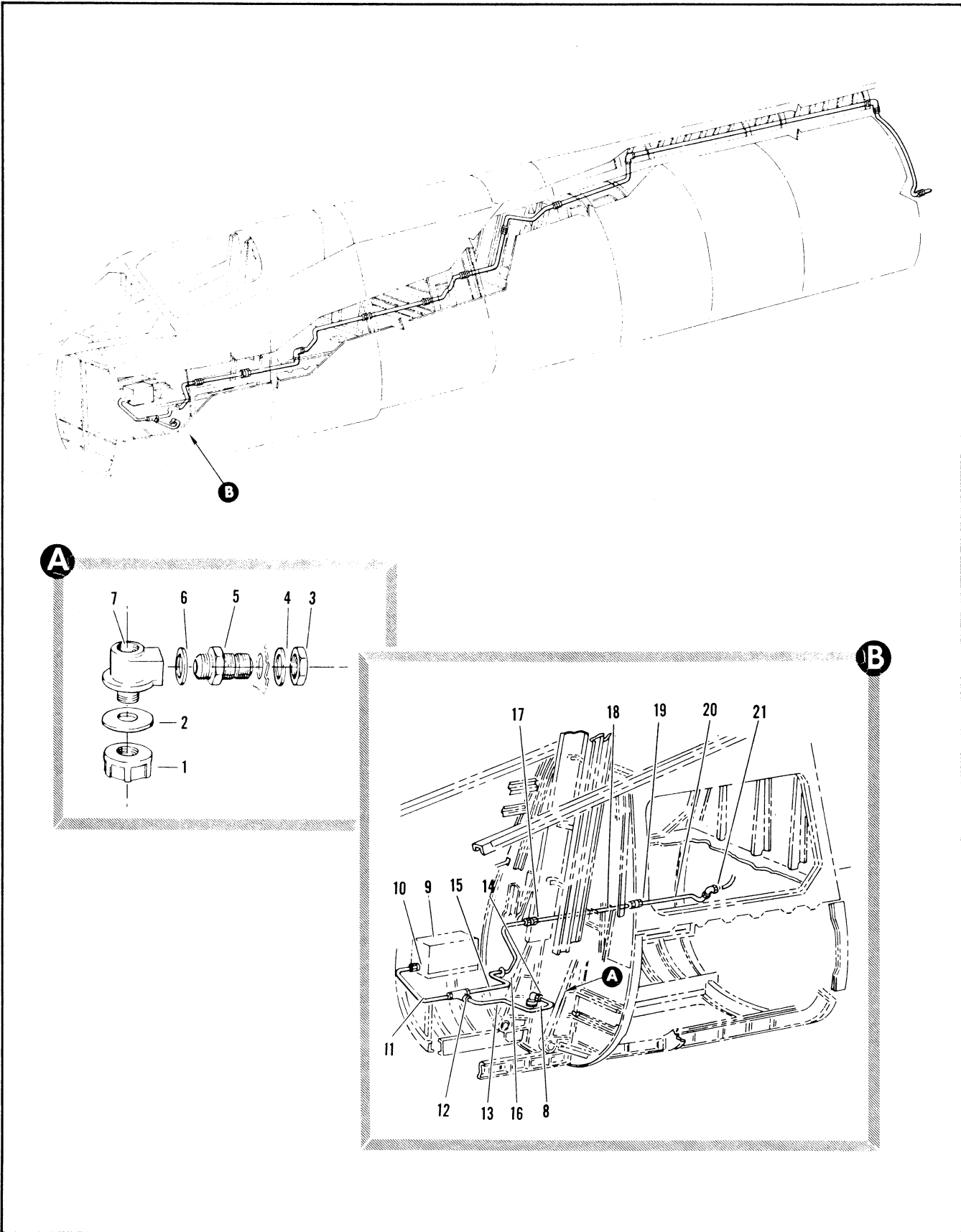


Figure 2.10-20. Pressure Ratio Tubing (Sheet 1 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.10-20	8-38084-3	PRESSURE RATIO TUBING • TRAP INSTL, PRESSURE RATIO TUBING WATER FOR NHA SEE FIG. 2.3-4	RF	35	
- 1	8-38080	• • CAP, WATER TRAP	1	35	
- 2	AN6290-12	• • GASKET	1	35	
- 3	AN924-4D	• • NUT	1	35	
- 4	AN960D716	• • WASHER	1	35	
- 5	MS21903D4	• • FITTING, BULKHEAD	1	35	
- 6	AN6290-4	• • GASKET	1	35	
- 7	8-38082-9	• • BODY, WATER TRAP	RF	35	
	8-38079-9	• • BODY, WATER TRAP ALT INTCHG WITH 8-38082-9	1	35	
- 8	MS21914D4	• • CAP	RF	35	
	8-38097-605	• TUBING INSTL, PRESSURE RATIO INDICATOR STA 102 TO 216 FOR NHA SEE FIG. 2.3-4			
- 9		• • TRANSMITTER, PRESSURE RATIO SEE FIG. 2.17-8 INDEX 1	RF		
- 10	MS21902D4	• • UNION	1	35	
	AN6290-4	• • GASKET	2	35	
	AN924-4D	• • NUT	1	35	
- 11	8-38097-59	• • TUBE ASSEMBLY	1	35	
- 12	MS21912D4	• • TEE	1	35	
- 13	8-38097-65	• • TUBE ASSEMBLY	1	35	
- 14	MS21908D4	• • ELBOW	1	35	
- 15	8-38097-61	• • TUBE ASSEMBLY	1	35	
- 16	AN931-4-12	• • GROMMET	1	35	
- 17	MS21902D4	• • UNION	1	35	
- 18	8-38097-39	• • TUBE ASSEMBLY	1	35	
- 19	MS21902D4	• • UNION	1	35	
- 20	8-38097-37	• • TUBE ASSEMBLY	1	35	188
	8-38097-71	• • TUBE ASSEMBLY	1	189	
- 21	MS21908D4	• • ELBOW	1	35	
	AN924-4D	• • NUT	1	35	
	AN960D716L	• • WASHER	1	35	

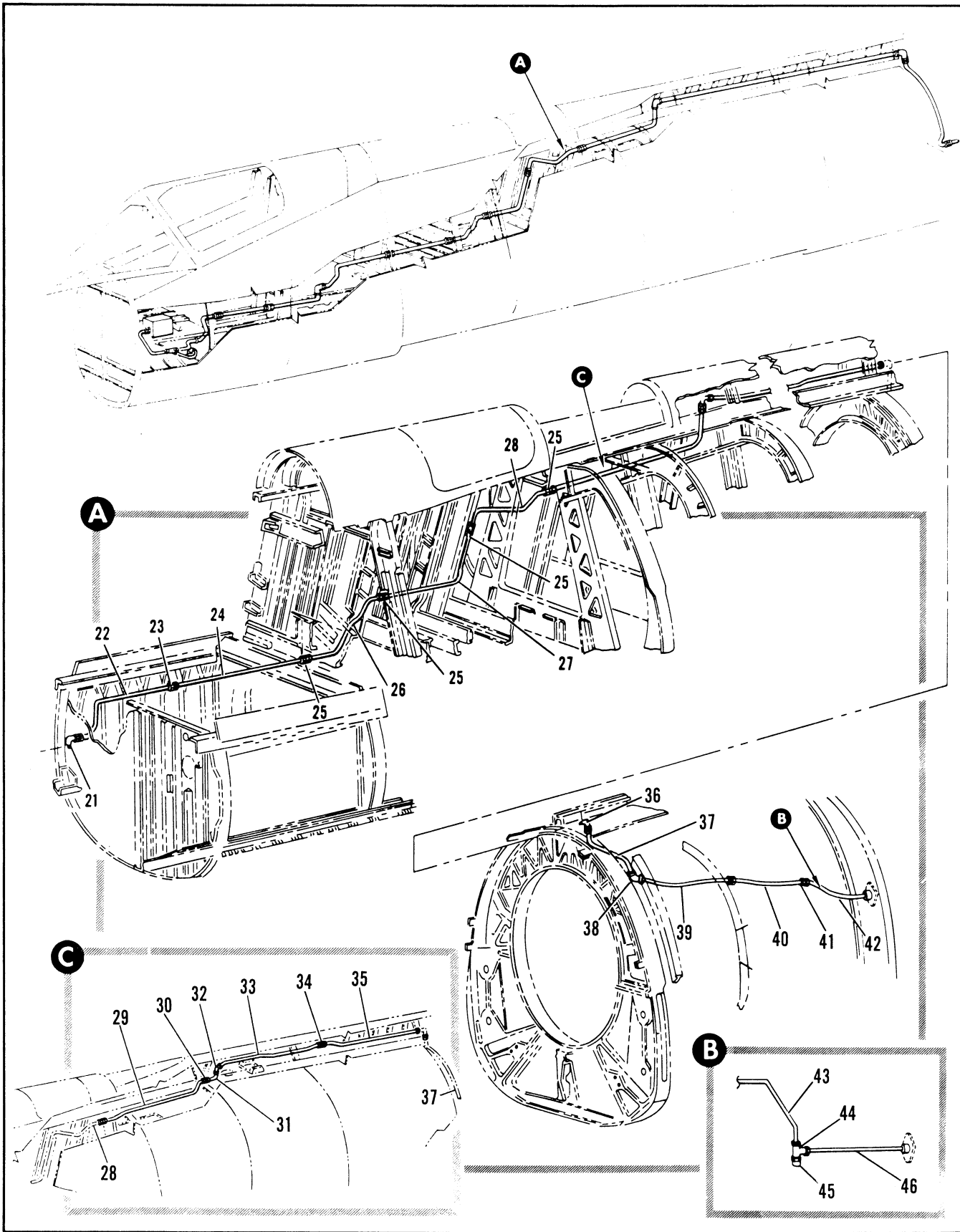


Figure 2.10-20. Pressure Ratio Tubing (Sheet 2 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.10-20	8-38097-1	. TUBING INSTL, PRESSURE RATIO INDICATOR STA 216 TO 472 MODIFIED BY 66D40638-1 FOR NHA SEE FIG. 2.3-10	RF	35	
- 22	8-38097-13	. . TUBE ASSEMBLY	1	35	188
	8-38097-69	. . TUBE ASSEMBLY	1	189	
- 23	MS21902D4	. . UNION	1	35	
- 24	8-38097-15	. . TUBE ASSEMBLY	1	35	
- 25	MS21902D4	. . UNION	4	35	
- 26	8-38097-43	. . TUBE ASSEMBLY	1	35	
- 27	8-38097-45	. . TUBE ASSEMBLY	1	35	
- 28	8-38097-35	. . TUBE ASSEMBLY	1	35	
- 29	66A40639-1	. . TUBE ASSY	1	35	
- 30	MS21924D4	. . UNION, BULKHEAD	1	35	
	AN924-4D	. . NUT	1	35	
	AN960D716L	. . WASHER	1	35	
- 31	66A40640-1	. . TUBE ASSY	1	35	
- 32	MS21907D4	. . ELBOW, 45	1	35	
	AN924-4D	. . NUT	1	35	
	AN960D716	. . WASHER	1	35	
- 33	66A40641-1	. . TUBE ASSY	1	35	
- 34	MS21902D4	. . UNION	1	35	
- 35	66A40642-1	. . TUBE ASSY	1	35	
- 36	MS21908D4	. . ELBOW	1	35	
	AN924-4D	. . NUT	1	35	
	AN960D716L	. . WASHER	1	35	
- 37	8-38097-17	. . TUBE ASSEMBLY	1	35	
- 38	MS21907D4	. . ELBOW	1	35	
	AN924-4D	. . NUT	1	35	
	AN960D716L	. . WASHER	1	35	
	8-38097-801	. TUBING INSTL, PRESSURE RATIO INDICATOR STA 481 AND AFT FOR NHA SEE FIG. 2.10-7	RF	35	43
	8-38097-807	. TUBING INSTL, PRESSURE RATIO INDICATOR STA 481 AND AFT FOR NHA SEE FIG. 2.10-7	RF	44	
- 39	R9800-4-C176	. . HOSE ASSY, <50599> 94-80506-027	1	35	
- 40	8-38097-33	. . TUBE ASSEMBLY	1	35	
- 41	MS21902D4	. . UNION	1	35	43
- 42	8-38097-31	. . TUBE ASSEMBLY	1	35	
- 43	8-38097-51	. . TUBE ASSEMBLY	1	44	
- 44	AN824-4D	. . TEE	1	44	
- 45	AN929-4	. . CAP	1	44	
- 46	8-38097-53	. . TUBE ASSEMBLY	1	44	

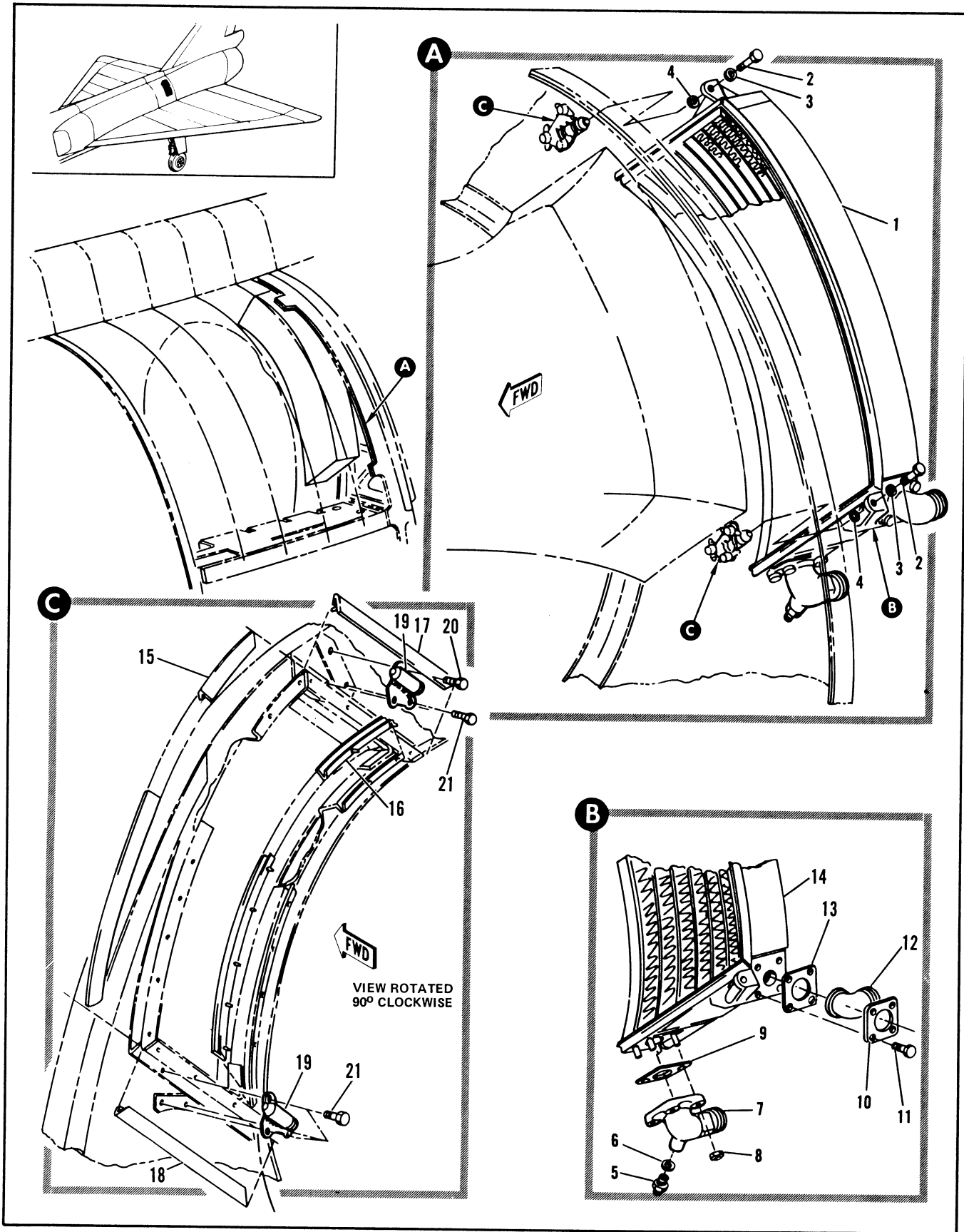


Figure 2.10-21. Engine Oil Cooler

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.10-21	8-27544	ENGINE OIL COOLER			
- 1	8-27544-21	• COOLER INSTALLATION, ENGINE OIL FOR NHA SEE FIG. 2.3-3	RF	35	
- 2	AN4H7A	• • COOLER ASSY, ENGINE OIL ATTACHING PARTS	1	35	
- 3	AN960-416L	• • BOLT	2	35	
- 4	AN960-416	• • WASHER	2	35	
		• • WASHER			
		-----X-----			
- 5	BJ1000ASIMZ1	• • • VALVE ASSY, DRAIN OIL COOLER <91511> SPEC 8-00901	1	35	
- 6	NAS617-4	• • • PACKING	1	35	
- 7	8-27551-7	• • • ELBOW, ENGINE OIL COOLER INLET	1	35	
	8-27549-7	• • • ELBOW, ENGINE OIL COOLER INLET ALT INTCHG WITH 8-27551-7 ATTACHING PARTS	RF	35	
- 8	NAS679A3	• • • NUT	4	35	
		-----X-----			
- 9	460-715-16	• • • SEAL, <83259> 97-93503-001	1	35	
- 10	AN756D16	• • • FLANGE ATTACHING PARTS	1	35	
- 11	AN3H5A	• • • BOLT	4	35	
		-----X-----			
- 12	4126-565484	• • • ELBOW, COOLER OUTLET <92003> 93-39902-001	1	35	
- 13	460-715-16	• • • SEAL <83259> 97-93503-001	1	35	
- 14	8525264	• • • COOLER ASSY, ENGINE OIL <27462> SPEC 8-00324 T.O. 7J1-7-83	1	35	
	8-27544-1	• MOUNT INSTL, ENGINE OIL COOLER FOR NHA SEE FIG. 2.3-3	RF	35	
- 15	8-27544-7	• • SEAL, OIL COOLER DUCT FLANGE ALTERED FROM 8-27556	1	35	
- 16	8-27556	• • SEAL	RF		
	8-27544-9	• • SEAL, OIL COOLER DUCT FLANGE ALTERED FROM 8-27555	1	35	
- 17	8-27555	• • SEAL	RF		
	8-27544-11	• • SEAL, OIL COOLER DUCT FLANGE ALTERED FROM 8-27556	1	35	
- 18	8-27556	• • SEAL	RF		
	8-27544-12	• • SEAL, OIL COOLER DUCT FLANGE ALTERED FROM 8-27556	1	35	
- 19	8-27556	• • SEAL	RF		
	J7204-1	• • MOUNT ASSY, OIL COOLER SHOCK <76005> SPEC 8-00900 ATTACHING PARTS	2	35	
- 20	AN3H5A	• • BOLT	1	35	
- 21	AN3-5A	• • BOLT	5	35	
		-----X-----			
		*1 FOR USE WITH ENGINES HAVING CONSTANT RISE OIL SYSTEM			

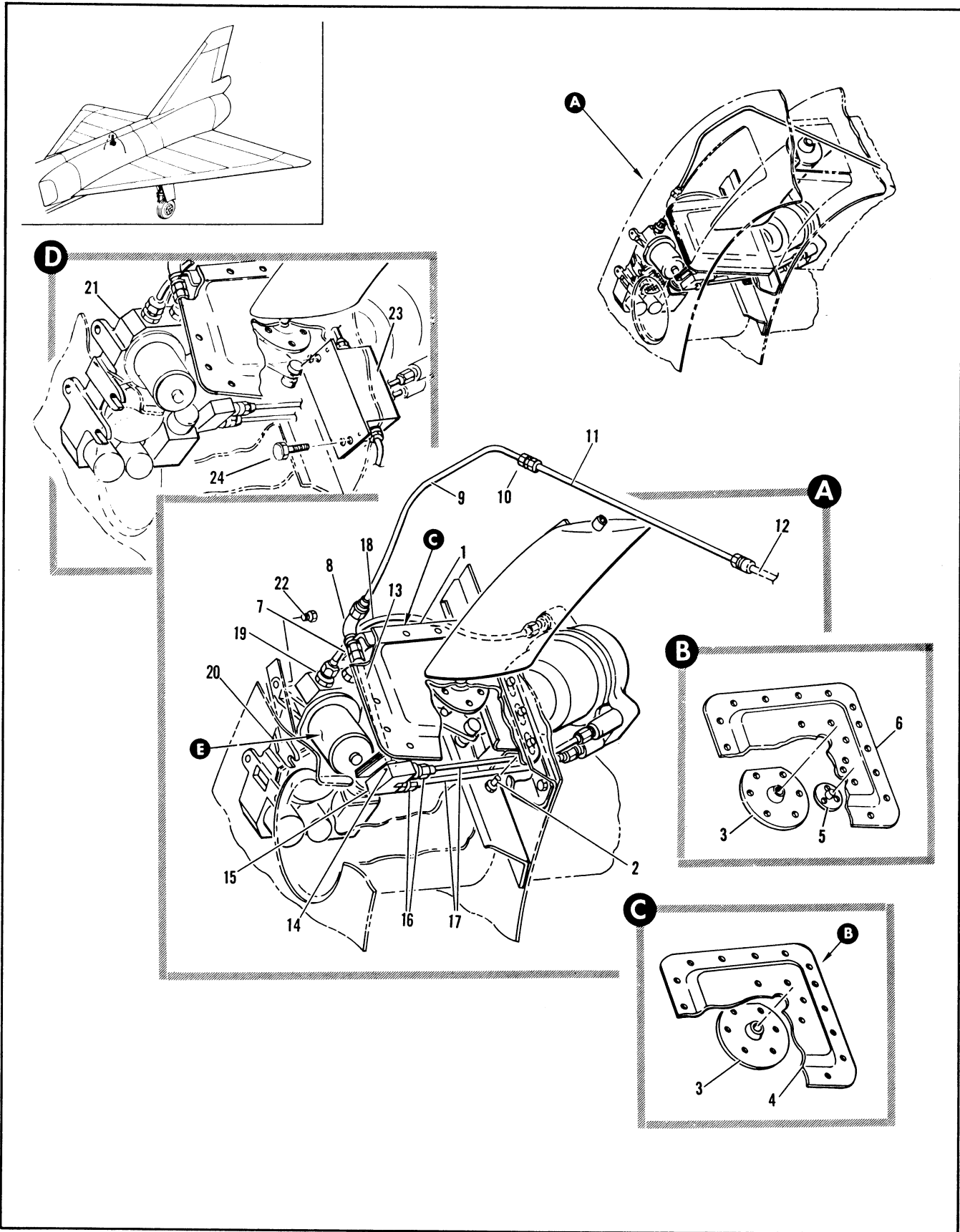


Figure 2.10-22. Accessory Oil Cooler Air Valve Installation (Sheet 1 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.10-22	3-27553-3	VALVE INSTALLATION, ACCESSORY OIL COOLER AIR FOR NHA SEE FIG. 2.3-5	RF	35	
- 1	8-27560-3	• DCCP ASSY, AIR CONTROL OIL COOLER VALVE REPLACED BY SUITABLE SUB 8-27560-5	1	35	38
	8-27560-5	• DOOR ASSY, AIR CONTROL OIL COOLER VALVE REPLACES SUITABLE SUB FOR 8-27560-3	1	39	129
	8-27560-801	• DCCP ASSY, AIR CONTROL OIL COOLER VALVE REPLACES SUITABLE SUB FOR 8-27560-5	1	130	
- 2	AN3-5A	• BOLT -----X-----	17	35	
- 3	BSR6880	• BEARING, <81376> SPEC 8-00949	1	35	
- 4	8-27560-13	• DOOR	1	35	38
- 5	8-28398	• BOSS	1	39	129
	8-28398-7	• BOSS	1	130	
- 6	8-27560-15	• DOOR	1	39	
- 7	AN924-4D	• NUT	1	35	
	AN960D716	• WASHER	1	35	
- 8	MS21908D4	• ELBOW	1	35	
- 9	8-27553-29	• TUBE ASSY, ACTUATOR CONTROL LINE	1	35	
- 10	MS21902D4	• UNION	1	35	
- 11	8-27553-25	• TUBE ASSY, ACTUATOR CONTROL LINE	1	35	
- 12		• TUBE ASSY, ACTUATOR CONTROL LINE SEE FIG. 2.10-23 INDEX 13	RF		
- 13	R9800-4-0034	• HOSE ASSY, <50599> 94-80506-032	1	35	
- 14	AN924-4D	• NUT	1	35	
- 15	8-27793	• FITTING ASSY, EMERGENCY AIR SUPPLY LINE WELDED	1	35	
- 16	MS21902D4	• UNION	2	35	
	AN6290-4	• GASKET	2	35	
- 17	R9800-4-0064	• HOSE ASSY, <50599> 94-80506-003	2	35	
- 18	R9800-4-0100	• HOSE ASSY, <50599> 94-80506-020	1	35	
- 19	MS21902D4	• UNION	1	35	
	AN6290-4	• GASKET	1	35	
- 20	25640580-01	• SENSOR ASSY, ENGINE COMPARTMENT EMERGENCY PRESSURE CONTROL <80234> SPEC 8-00928-1 T.O. 8D3-10-6-23 REPLACED BY SUITABLE SUB 25640580-02	1	35	129
- 21	25640580-02	• SENSOR ASSY, ENGINE COMPARTMENT EMERGENCY PRESSURE CONTROL <80234> SPEC 8-00928-3 T.O. 8D3-10-6-23 REPLACES SUITABLE SUB FOR 25640580-01	1	130	
- 22	AN3-5A	• BOLT -----X-----	5	35	
	8-65319	• FILTER INSTL, NHA IS 8-60031	1	130	
- 23	2582-130	• FILTER ASSY, RADIO NOISE <80234> SPEC 8-06483-1	1	130	
- 24	AN3-3A	• BOLT -----X-----	2	130	

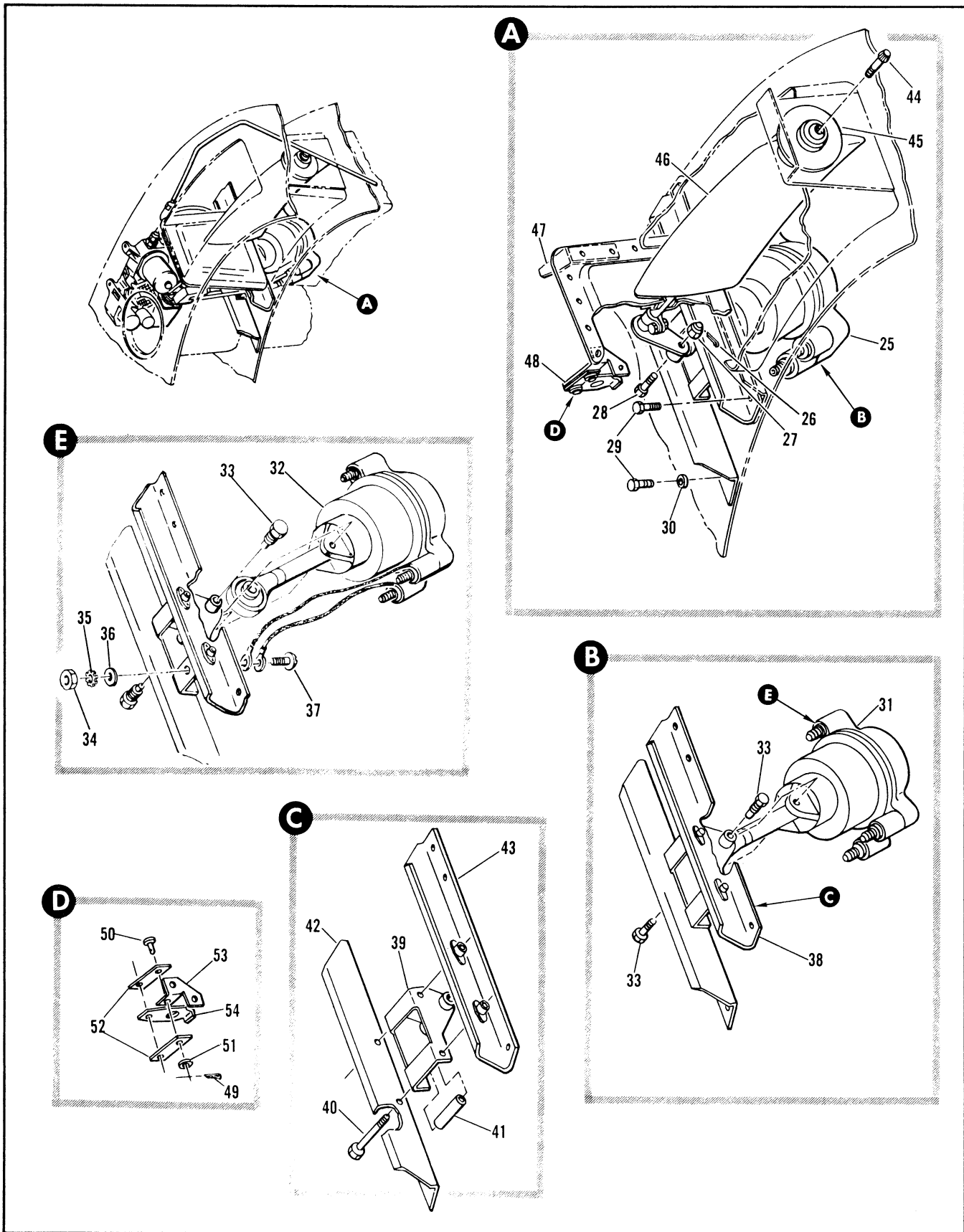


Figure 2.10-22. Accessory Oil Cooler Air Valve Installation (Sheet 2 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.10-22- 25	8-27553-7	• ACTUATOR ASSY, ACCESSORY OIL COOLER	1	35	129
	8-27553-33	• ACTUATOR ASSY, ACCESSORY OIL COOLER ATTACHING PARTS	1	130	
- 26	AN380-2-3	• PIN, COTTER	1	35	
- 27	AN310-4	• NUT	1	35	
- 28	AN174-10	• BOLT	1	35	
- 29	AN3-5A	• BOLT	6	35	
- 30	AN960-10	• WASHER	3	35	
		-----X-----			
- 31	25640004-01	• . ACTUATOR ASSY, ACCESSORY OIL COOLER AIR VALVE <80234> SPEC 8-00915-1 T.O. 7J6-6-12-33 REPLACED BY SUITABLE SUB 25640004-02	1	35	
- 32	25640004-02	• . ACTUATOR ASSY, ACCESSORY OIL COOLER AIR <80234> SPEC 8-00915-3 T.O. 7J6-6-12-33 REPLACES SUITABLE SUB FOR 25640004-01 ATTACHING PARTS	1	130	
- 33	8-27586	• . PIN	2	35	
- 34	NAS679A3	• . NUT	1	130	
- 35	AN960-10L	• . WASHER	1	130	
- 36	AN935-10	• . WASHER	1	130	
- 37	AN520-10-6	• . SCREW	1	130	
		-----X-----			
- 38	8-27589-1	• . SUPPORT ASSY, OIL COOLER ACTUATOR	1	35	129
	8-27589-3	• . SUPPORT ASSY, OIL COOLER ACTUATOR	1	130	
- 39	8-27587	• . . MOUNT ASSY, ACTUATOR AIR VALVE OIL COOLER WELDED REPLACED BY SUITABLE SUB 8-27587-1	1	35	129
	8-27587-1	• . . MOUNT ASSY, ACTUATOR AIR VALVE OIL COOLER WELDED REPLACES SUITABLE SUB FOR 8-27587 ATTACHING PARTS	1	130	
- 40	AN173-22A	• . . BOLT	2	35	
- 41	NAS43DD3-103	• . . SPACER	2	35	
		-----X-----			
- 42	8-27589-13	• . . SUPPORT	1	35	
- 43	8-27589-19	• . . SUPPORT ASSY, RIVETED	1	35	
- 44	8-27553-1	• BOLT, FURNISHED WITH 25643753 <80234> • BEARING INSTL, ACCESSORY OIL COOLER AIR VALVE FOR NHA, SEE FIG. 2.3-3	RF	RF	35
- 45	BSR6880	• . BEARING, <R1376> SPEC 8-00949	1	35	
- 46	25643753-01	• VALVE ASSY, AIR CONTROL <80234> SPEC 8-00253-1 T.O. 7J6-6-12-13	1	35	
- 47	8-27794-11	• SUPPORT, SUPPLY LINE EMERGENCY AIR	1	35	
- 48	8-27794-1	• SUPPORT ASSY, SUPPLY LINE EMERGENCY AIR	1	35	
- 49	AN380-2-2	• . PIN, COTTER	2	35	
- 50	AN392-7	• . PIN	2	35	
- 51	AN960D4	• . WASHER	4	35	
- 52	8-27794-17	• . LINK	2	35	
- 53	8-27794-13	• . CLIP	1	35	
- 54	8-27794-15	• . PLATE	1	35	

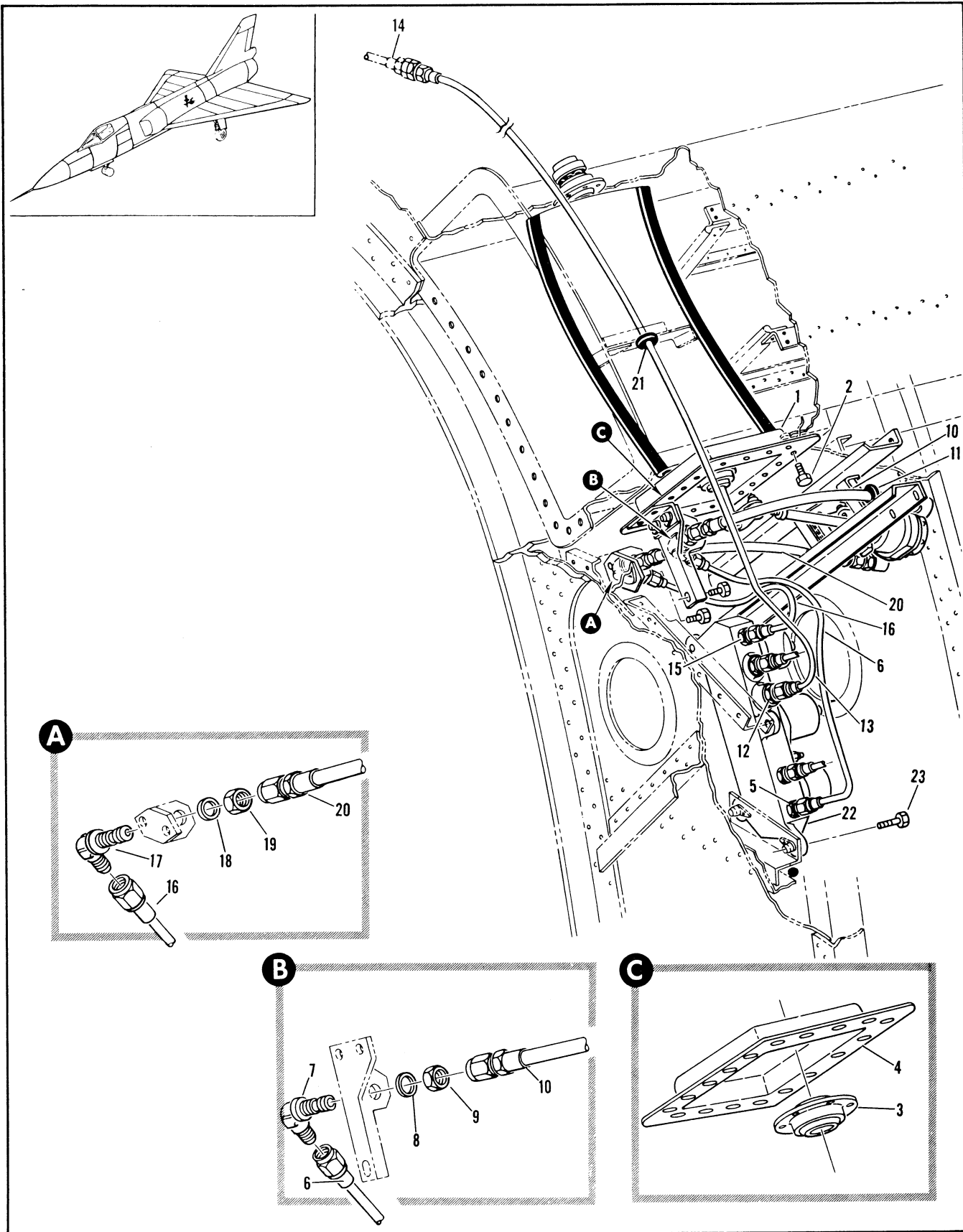


Figure 2.10-23. Engine Oil Cooler Air Valve Installation (Sheet 1 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.10-23	8-27552-3	VALVE INSTALLATION, ENGINE OIL COOLER AIR FOR NHA SEE FIG. 2.3-3	RF	35	
- 1	8-27359	• DOOR ASSY, AIR CONTROL VALVE ENGINE OIL COOLER ATTACHING PARTS	1	35	
- 2	AN3-5A	• BOLT	18	35	
- 3	BSR6480	• BEARING, <41376> SPEC 8-00949	1	35	
- 4	8-27559-7	• DOOR	1	35	
- 5	MS21916D4-2	• UNION	1	35	
- 6	AN6290-2	• GASKET	1	35	
- 7	8-27552-21	• TUBE ASSY, ACTUATOR CONTROL LINE PRESSURE EXHAUST	1	35	
- 8	MS21908D4	• ELBOW	1	35	
- 9	AN960D716	• WASHER	1	35	
- 10	AN924-4D	• NUT	1	35	
- 11	R9800-4-0090	• HOSE ASSY, ENGINE OIL COOLER AIR VALVE ACTUATOR <50599> 94-80506-033	1	35	
- 12	295967-7	• GROMMET, <76530> SPEC 8-02187-7	1	35	
- 13	MS21902D4	• UNION	1	35	
- 14	8-27552-35	• TUBE ASSY, ACTUATOR CONTROL LINE	RF	35	
- 15	25640555	• TUBE ASSY, ACTUATOR CONTROL LINE SEE FIG. 2.10-22 INDEX 9	1	35	
- 16	MS21902D4	• UNION	1	35	
- 17	AN6290-4	• GASKET	1	35	
- 18	8-27552-29	• TUBE ASSY, ACTUATOR CONTROL LINE	1	35	
- 19	MS21908D4	• ELBOW	1	35	
- 20	AN960D716	• WASHER	1	35	
- 21	AN924-4D	• NUT	1	35	
- 22	R9800-4-0133	• HOSE ASSY, <50599> 94-80506-013	1	35	
- 23	295967-7	• GROMMET, <76530> SPEC 8-02187-7	1	35	
- 24	25640555	• SENSOR ASSY, ENGINE COMPARTMENT PRESSURE CONTROL ENVELOPE <80234> SPEC 8-00913 T.O. 8D3-15-2-3 REPLACED BY SUITABLE SUB 25640555-01	1	35	129
- 25	25640555-01	• SENSOR ASSY, ENGINE COMPARTMENT PRESSURE CONTROL ENVELOPE <80234> SPEC 8-00913-1 T.O. 8D3-15-2-3 REPLACES SUITABLE SUB FOR 25640555 ATTACHING PARTS	1	130	
- 26	AN3-5A	• BOLT	4	35	

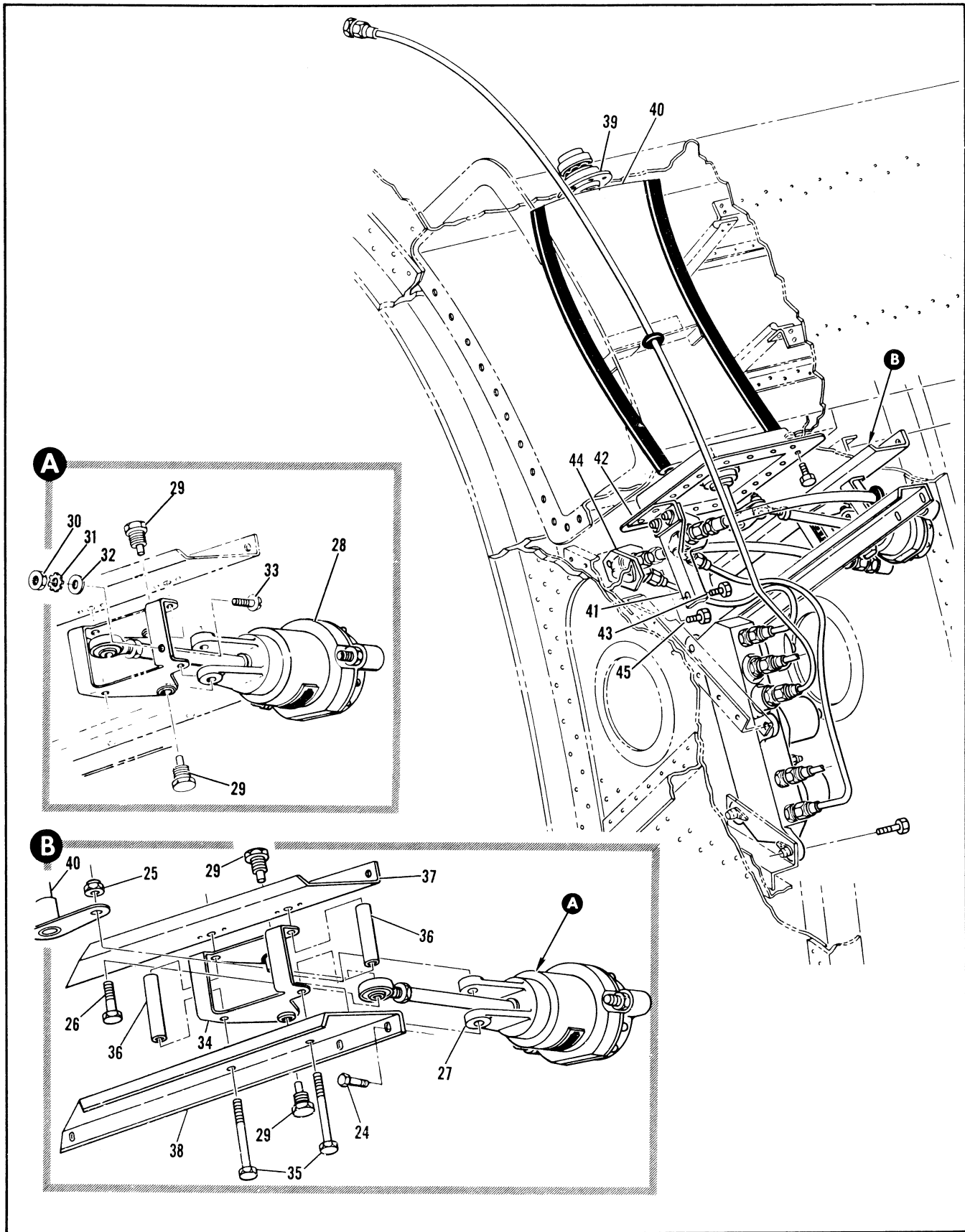


Figure 2.10-23. Engine Oil Cooler Air Valve Installation (Sheet 2 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.10-23	8-27552-7 8-27552-39	• ACTUATOR ASSY, ENGINE OIL COOLER AIR VALVE • ACTUATOR ASSY, ENGINE OIL COOLER AIR VALVE ATTACHING PARTS	1 1	35 130	129
- 24	AN3-5A	• BOLT	6	35	
- 25	AN310-4	• NUT	1	35	
- 26	AN174-10	• BOLT	1	35	
- 27	25640003	• . . ACTUATOR, ENGINE OIL COOLER AIR VALVE <80234> SPEC 8-00914 T.O. 7J6-6-12-43 REPLACED BY SUITABLE SUB 25640003-01	1	35	129
- 28	25640003-01	• . . ACTUATOR, ENGINE OIL COOLER AIR VALVE <80234> SPEC 8-00914-1 T.O. 7J6-6-12-43 REPLACES SUITABLE SUB FOR 25640003 ATTACHING PARTS	1	130	
- 29	8-27586	• . PIN, OIL COOLER AIR VALVE ACTUATOR SUPPORT	2	35	
- 30	MS21042L3	• . NUT	1	130	
- 31	AN935-10	• . WASHER, LOCK	1	130	
- 32	AN960-10L	• . WASHER	1	130	
- 33	AN520-10-6	• . SCREW	1	130	
	8-27588-1	• . SUPPORT ASSY, ACTUATOR AIR VALVE ENGINE OIL COOLER	1	35	
- 34	8-27587-1	• . . MOUNT ASSY, OIL COOLER AIR VALVE ACTUATOR ATTACHING PARTS	1	35	
- 35	NAS464P3A30	• . . BOLT	2	35	
- 36	NAS43003-103	• . . SPACER	2	35	
- 37	8-27588-11	• . . SUPPORT ASSY, RIVETED	1	35	
- 38	8-27588-9	• . . SUPPORT	1	35	
- 39	BSR6880	• BEARING, <81376> SPEC 8-00949	1	35	
- 40	25643752-01	• VALVE ASSY, ENGINE OIL COOLER AIR CONTROL <80234> SPEC 8-00254 T.O. 7J6-6-12-23	1	35	
- 41	8-27797-11	• SUPPORT, EXHAUST LINE AIR	1	35	
- 42		CONTROL ACTUATOR ENGINE OIL COOLER			
- 43	8-27797-3 AN3-5A	• SUPPORT, EXHAUST LINE AIR • BOLT	1 3	35 35	
- 44	8-27796-1	• SUPPORT, CONTROL LINE AIR VALVE ACTUATOR ENGINE OIL COOLER ATTACHING PARTS	1	35	
- 45	AN3-5A	• BOLT	2	35	

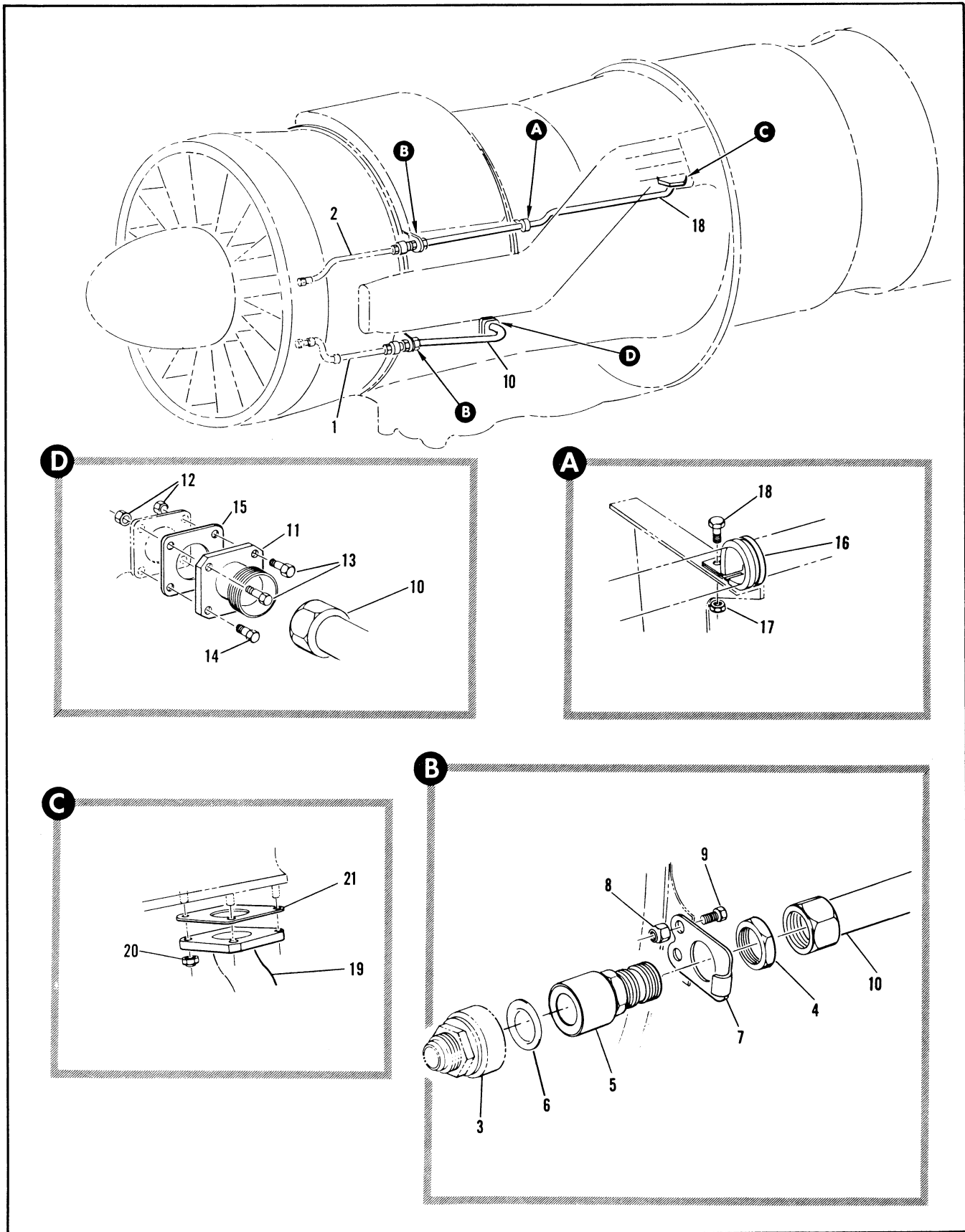


Figure 2.10-24. Engine Oil Tubing Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.10-24	8-28267-5	TUBING INSTALLATION, ENGINE OIL FOR NHA SEE FIG. 2.10-7	RF	35	
- 1		• HOSE ASSY, ENGINE OIL OUTLET SEE FIG. 2.10-19 INDEX 4	RF		
- 2		• HOSE ASSY, ENGINE OIL INLET SEE FIG. 2.10-19 INDEX 5	RF		
- 3	AE94502M	• COUPLING, HALF	2	35	
- 4	95-71003-024	• NUT	2	35	
- 5	375213-16	• COUPLING, HALF	2	35	
- 6	MS9388-213	• O-RING	2	1	
- 7	3-27548-13	• SUPPORT	2	35	
		ATTACHING PARTS			
- 8	NAS679A3	• NUT	4	35	
- 9	AN3-4A	• BOLT	4	35	
		-----X-----			
- 10	8-28267-17	• TUBE ASSY, ENGINE OIL OUTLET	1	35	
- 11	8-27547	• FITTING	1	35	
		ATTACHING PARTS			
- 12	NAS679A4	• NUT	2	35	
- 13	AN4-10A	• BOLT	2	35	
- 14	AN4H6A	• BOLT	2	35	
		-----X-----			
- 15	8-27564	• SEAL	1	35	
- 16	JP0025SH16	• CLAMP, .U-.,/OM-/UJ	1	35	
		• CLAMP, 91-98037-014			
- 17	NAS679A3	• NUT	1	35	
- 18	AN3-4A	• BOLT	1	35	
		-----X-----			
- 19	8-22545-5	• TUBE ASSY, ENGINE OIL INLET WELDED	1	35	
		ATTACHING PARTS			
- 20	NAS679A4	• NUT	4	35	
		-----X-----			
- 21	8-27564	• SEAL	1	35	

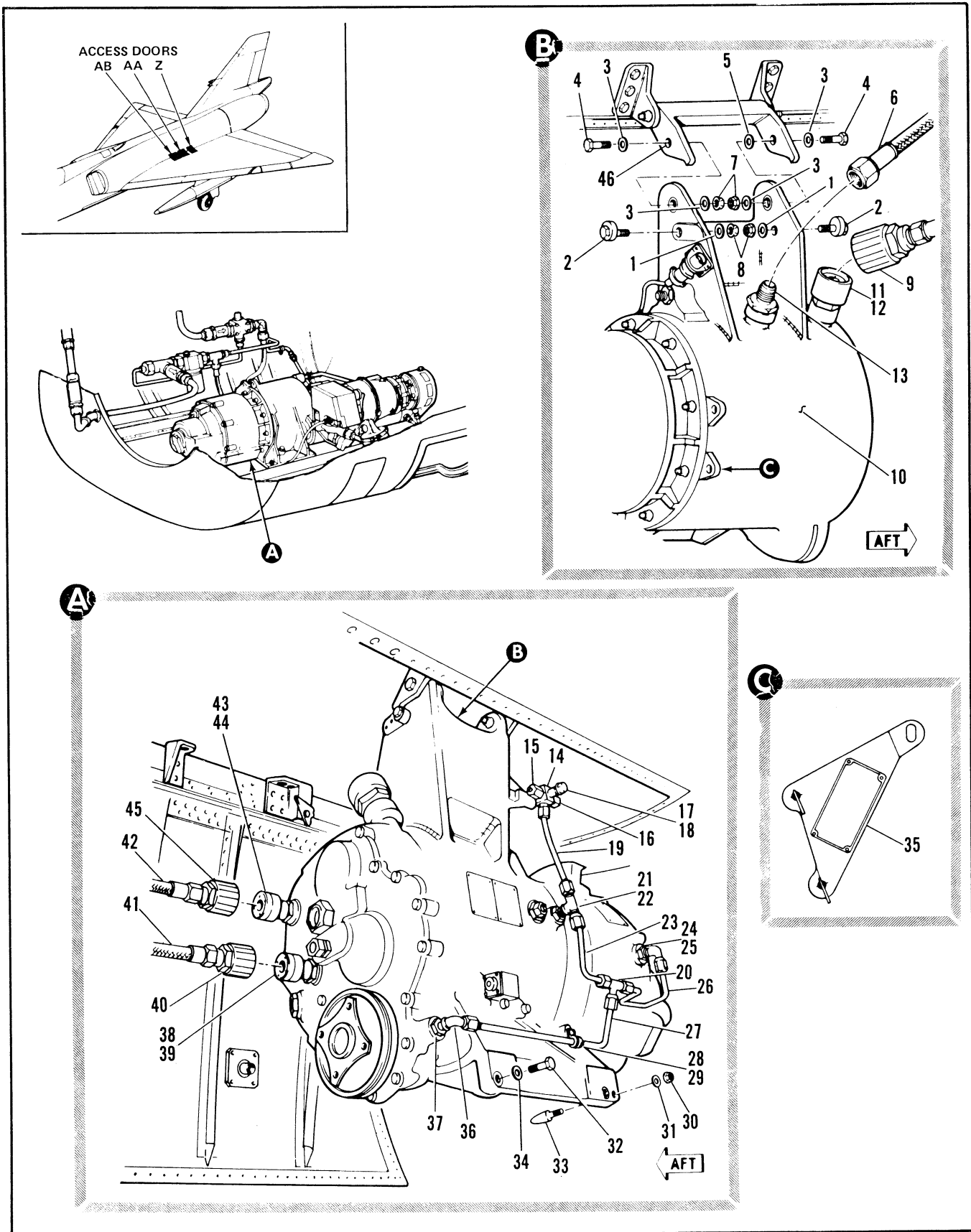


Figure 2.10-25. CSD Transmission/Generator Assembly Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.10-25	713591	DRIVE INSTL. ACCESSORY (99167)	RF	35	
- 1	AN960-416L	• WASHER P/N 37513-10 USED WITH 375508-10 ONLU	2	35	
- 2	8-28933	• STOP BOLT	4	35	
- 3	99-51505-007	• WASHER	2	35	
- 4	AN4-14A	• BOLT	1	35	
- 5	99-51505-009	• WASHER	1		
- 6	MS8001H094B	• HOSE ASSY	2		
- 7	NAS679A4	• NUT	2		
- 8	NAS679A4	• NUT (96-37545-003)	1		
- 9	56428	• SOCKET (405-00913-33201) REPLACED BY P/N 375508-10 NOT INTERCHANGEABLE WITH 56428. P/N 375508-10 USED WITH 375213-10 ONLY	1		
- 10	708645B	• CSD TRANSMISSION	1		
- 11	56427	• NIPPLE (405-00912-33201) REPLACED BY P/N 375213-10 NOT INTCHG WITH 56427 P/N 375213-10 USED WITH 375508-10 ONLY	1		
- 12	MS9387-10	• PACKING	1		
- 13	MS21902-8D MS9387-08	• UNION • PACKING	1		
- 14	8-28452	• SEAL DRAIN MANIFOLD	1		
- 15	MS21914-J4	• CAP PRESSURE SEAL	1		
- 16	NAS1352-6-16P	• SCREW CAP SOC HD	1		
- 17	8-28443-7	• FLANGE	1		
- 18	MS9388-110	• PACKING	1		
- 19	712481	• TUBE	1		
- 20	MS21905-J4	• TEE, FLARELESS TUBE	1		
- 21	MS21909-J4	• TEE, BULKHEAD	1		
- 22	AN924-4J MS9388-111	• NUT, BULKHEAD • PACKING	1		
- 23	712489	• TUBE ASSY	1		
- 24	MS21908-J4	• ELBOW, BULKHEAD 90 DEGREES	1		
- 25	AN924-4J MS9388-111	• NUT, BULKHEAD • PACKING	1		
- 26	712482	• TUBE ASSY	1		
- 27	712480	• TUBE ASSY	1		
- 28	MS21919-H4	• CLAMP, CUSHION, SUPPORT	1		
- 29	NAS1352-3-80	• SCREW, CAP, SOCKET, HEAD	1		
- 30	NAS679A4	• NUT	1		
- 31	99-51505-022	• WASHER	1		
- 32	AN5-14A	• BOLT	1	35	
- 33	8-28932-7	• PIN	1		
- 34	99-51505-021	• WASHER	1		
- 35	713083	• ADAPTER PLATE (USED IN REMOVING AND INSTALLING CSD TRANSMISSION AND GENERATOR)	1		
- 36	MS21908-J4	• ELBOW, BULKHEAD	1		
- 37	MS9387-04	• PACKING	1		
- 38	56423	• NIPPLE (405-00922-33200) REPLACED BY P/N 375213-6 NOT INTCHG WITH 56423. P/N 375213-6 USED WITH 375508-6 ONLY	1		
- 39	MS9387-06	• PACKING	1		
- 40	56424	• SOCKET (405-00923-33200) REPLACED BY P/N 375508-6 NOT INTCHG WITH 56424. P/N 375508-6 USED WITH 375213-6 ONLY.	1		
- 41	MS8001G126A	• HOSE ASSY	1		
- 42	MS8001E156A	• HOSE ASSY	1		
- 43	56421	• NIPPLE (405-10492-33200) REPLACED BY P/N 375213-4 NOT INTCHG WITH 56421. P/N 375213-4 USED WITH 375508-4 ONLU.	1		
- 44	MS9387-04	• PACKING	1		
- 45	56422	• SOCKET (405-10493-33200) REPLACED BY P/N 375508-4 NOT INTCHG WITH 56422. P/N 375508-4 USED WITH 375213-4, ONLY.	1		
- 46	8-28931	• BUSHING	2		

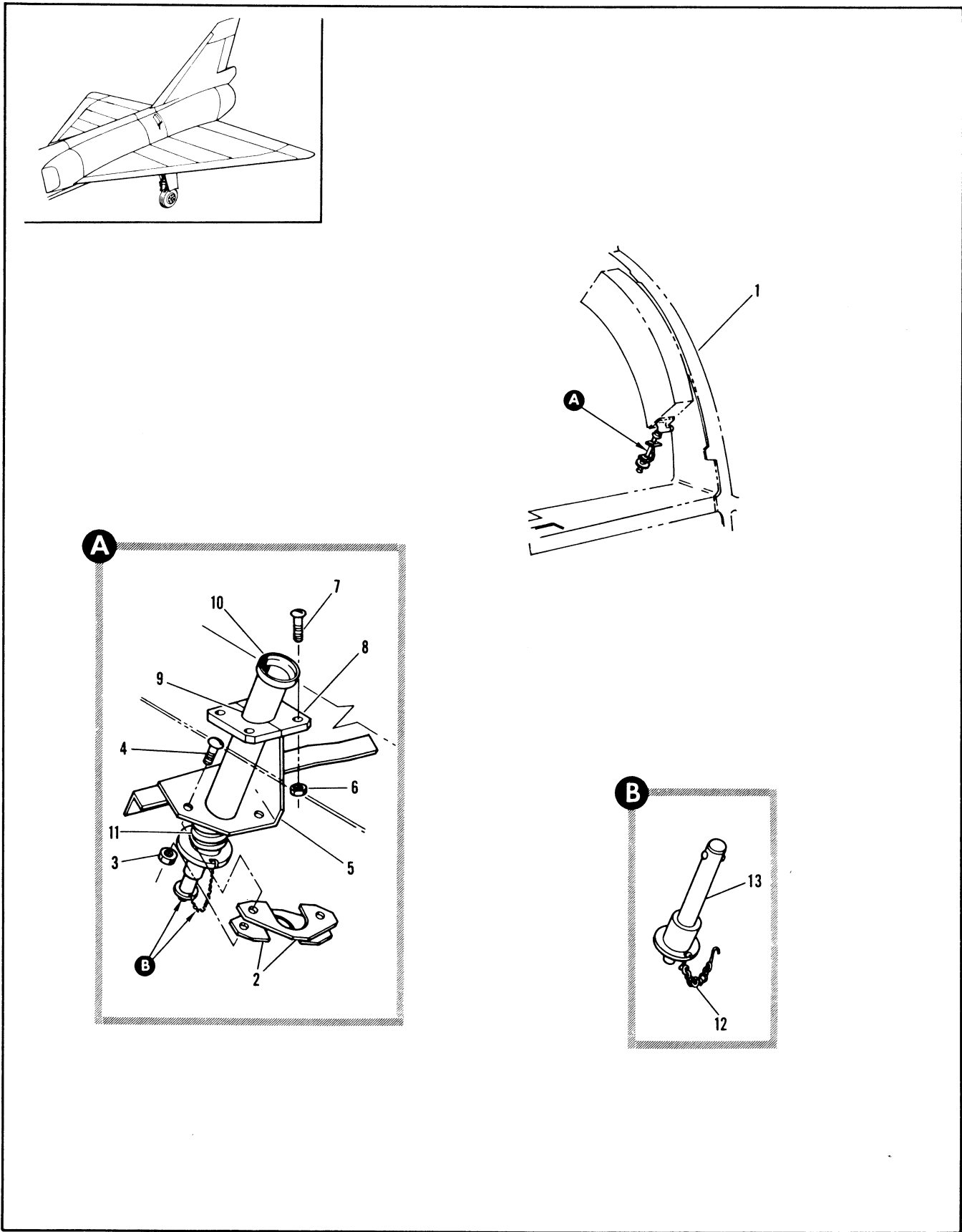


Figure 2.10-26. Engine Oil Cooler Drain Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.10-26	8-28243	DRAIN INSTALLATION, ENGINE OIL COOLER FOR NHA SEE FIG. 2.3-11	RF	35	
- 1		• COOLER ASSY, ENGINE OIL SEE FIG. 2.10-21 INDEX 1	RF		
- 2	8-27570	• GUIDE ATTACHING PARTS	2	35	
- 3	NAS679A3	• NUT	2	35	
- 4	AN520-10R8	• SCREW -----X-----	2	35	
	8-28244	• BRACKET INSTL, ENGINE OIL COOLER DRAIN	1	35	
- 5	8-28244-11	• • BRACKET ASSY, RIVETED	1	35	
	8-27571 *1	• SUPPORT ASSEMBLY ATTACHING PARTS	1	35	
- 6	NAS679A3	• NUT	4	35	
- 7	AN520-10R8	• SCREW -----X-----	4	35	
- 8	8-27571-1 *1	• • SUPPORT	1	35	
- 9	8-27571-3 *1	• • SUPPORT	1	35	
- 10	8-28222	• DRAIN ASSY, ENGINE OIL COOLER	1	35	
- 11	8-44119	• • SPRING, ACTUATING VALVE LATCH MECHANISM	1	35	
- 12	NAF1088-1A3	• • CHAIN	1	35	
- 13	5440-4-036-R	• • PIN, QUICK RELEASE <84256> 96-78805-001	1	35	
		*1 8-27571-1 AND 8-27571-3 IS A MACHED SET. DO NOT USE SEPARATELY, ORDER 8-27571			

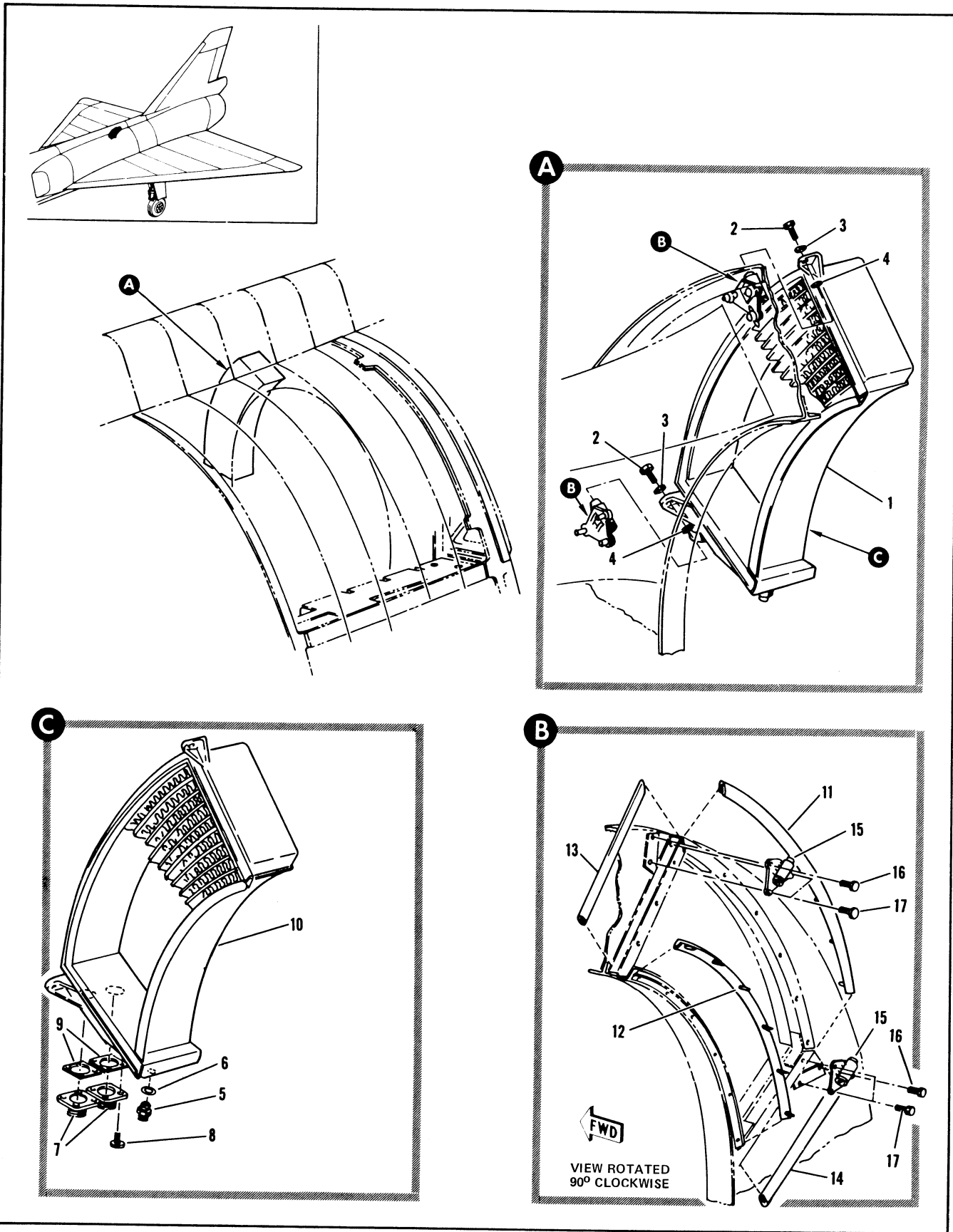


Figure 2.10-27. Accessory Drive Oil Cooler

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.10-27	8-27545	ACCESSORY DRIVE OIL COOLER • COOLER INSTALLATION, ACCESSORY DRIVE OIL FOR NHA SEE FIG. 2.3-3	RF	35	
- 1	8-27545-15	• • COOLER ASSY, ACCESSORY DRIVE OIL ATTACHING PARTS	1	35	
- 2	AN4H7A	• • BOLT	2	35	
- 3	AN960-416L	• • WASHER	AR	35	
- 4	AN960-416	• • WASHER	2	35	
		-----X-----			
- 5	BJ1000ASIM71	• • • VALVE ASSY, DRAIN <91511> SPEC 8-00901	1	35	
- 6	NAS617-4	• • • PACKING	1	35	
- 7	8-27569	• • • FITTING, CONSTANT SPEED DRIVE OIL COOLER LINE CONNECTOR ATTACHING PARTS	2	35	
- 8	AN3H5A	• • • BOLT	8	35	
		-----X-----			
- 9	460-715-16	• • • SEAL, <83259> 97-93503-001	2	35	
- 10	8525265	• • • COOLER ASSY, ACCESSORY DRIVE OIL <27462> SPEC 8-00323 T.O. 7J1-26-3	1	35	
	8-27545-1	• MOUNT INSTL, ACCESSORY DRIVE OIL COOLER FOR NHA SEE FIG. 2.3-3	RF	35	
- 11	8-27545-7	• • SEAL, OIL COOLER DUCT FLANGE	1	35	
	8-27556	• • SEAL, OIL COOLER DUCT FLANGE	RF		
- 12	8-27545-9	• • SEAL, OIL COOLER DUCT FLANGE MAKE FROM 8-27555	1	35	
	8-27555	• • SEAL, OIL COOLER DUCT FLANGE	RF		
- 13	8-27545-11	• • SEAL, OIL COOLER DUCT FLANGE MAKE FROM 8-27556	1	35	
	8-27556	• • SEAL, OIL COOLER DUCT FLANGE	RF		
- 14	8-27545-12	• • SEAL, OIL COOLER DUCT FLANGE MAKE FROM 8-27556	1	35	
	8-27556	• • SEAL, OIL COOLER DUCT FLANGE	RF		
- 15	J7204-1	• • MOUNT ASSY, OIL COOLER SHOCK <76005> SPEC 8-00900 ATTACHING PARTS	2	35	
- 16	AN3H4A	• • BOLT	2	35	
- 17	AN3-4A	• • BOLT	4	35	
		-----X-----			

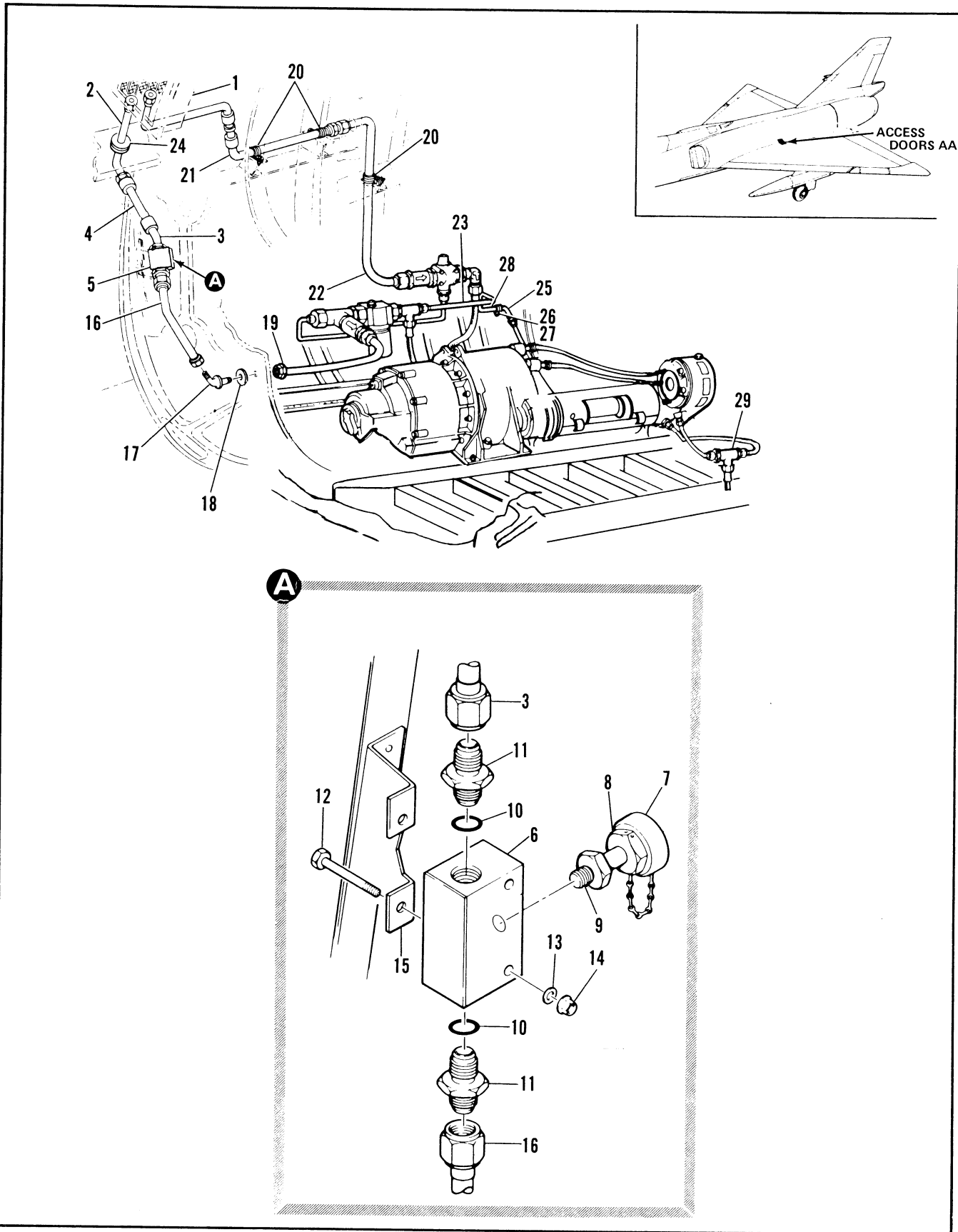


Figure 2.10-28. Accessory Drive Oil Cooler Equipment Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.10-28		TUBING INSTALLATION, ACCESSORY DRIVE EQUIPMENT FOR NHA SEE FIG. 2.10-25	RF	35	
- 1		• COOLER ASSY, ACCESSORY DRIVE OIL SEE FIG. 2.10-27 INDEX 1	RF	35	
- 2	8-27572-21	• TUBE ASSY, OIL COOLER INLET	1	35	
- 3	713363	• TUBE, INSEP ASSY	1		
- 4	R10316	• HOSE ASSY, OIL COOLER INLET (50599) SPEC 8-00283-3	1	35	
- 5	8-09296-7	• CHECK VALVE	1		
- 6	713364	• TEE, INTERNAL SCREW	1		
- 7	MS244761	• NIPPLE & PRESSURE CAP ASSY (NCC40FE8)	1		
- 8	AN924-8D	• NUT, BULKHEAD	1		
- 9	MS9387-08	• PACKING	1		
- 10	MS9387-16	• PACKING	1		
- 11	MS21902-016	• UNION, FLARELESS	1		
- 12	AN4-21A	• BOLT, MACHINE	2		
- 13	AN960PD416	• WASHER	2		
- 14	NAS1291-4	• NUT	2		
- 15	8-21098-25	• BRACKET	1		
- 16	8-21098-23	• TUBE ASSY	1		
- 17	8-21951	• FITTING ASSY	1		
- 18	AN96002116	• WASHER	1		
- 19	AN924-16	• NUT	1		
- 20	JPG0025SH016	• CLAMP HOSE SUPPORT (00986) SPEC 91-98037-014	3	35	
	NAS679A3	• NUT	3	35	
	AN960C16L	• WASHER	5	35	
	NAS221-10	• SCREW	3	35	
- 21	R10556	• HOSE ASSY, OIL COOLER OUTLET (50599) SPEC 8-00286-3	1	35	
- 22	8-27576-45	• TUBE ASSY, OIL COOLER OUTLET	1	35	
- 23	712492	• TUBE ASSY	1		
- 24	94-35005-001	• GROMMET	1		
- 25	MS21919-H6	• CLAMP, CUSHION, SUPPORT	1		
- 26	MS16996-9	• SCREW, CAP, SOC HD	1		
- 27	MS21043-3	• NUT, SELF LOCKING	1		
- 28	713070	• BRACKET	1		
- 29	MS21909D4	• TEE, BULKHEAD	1		

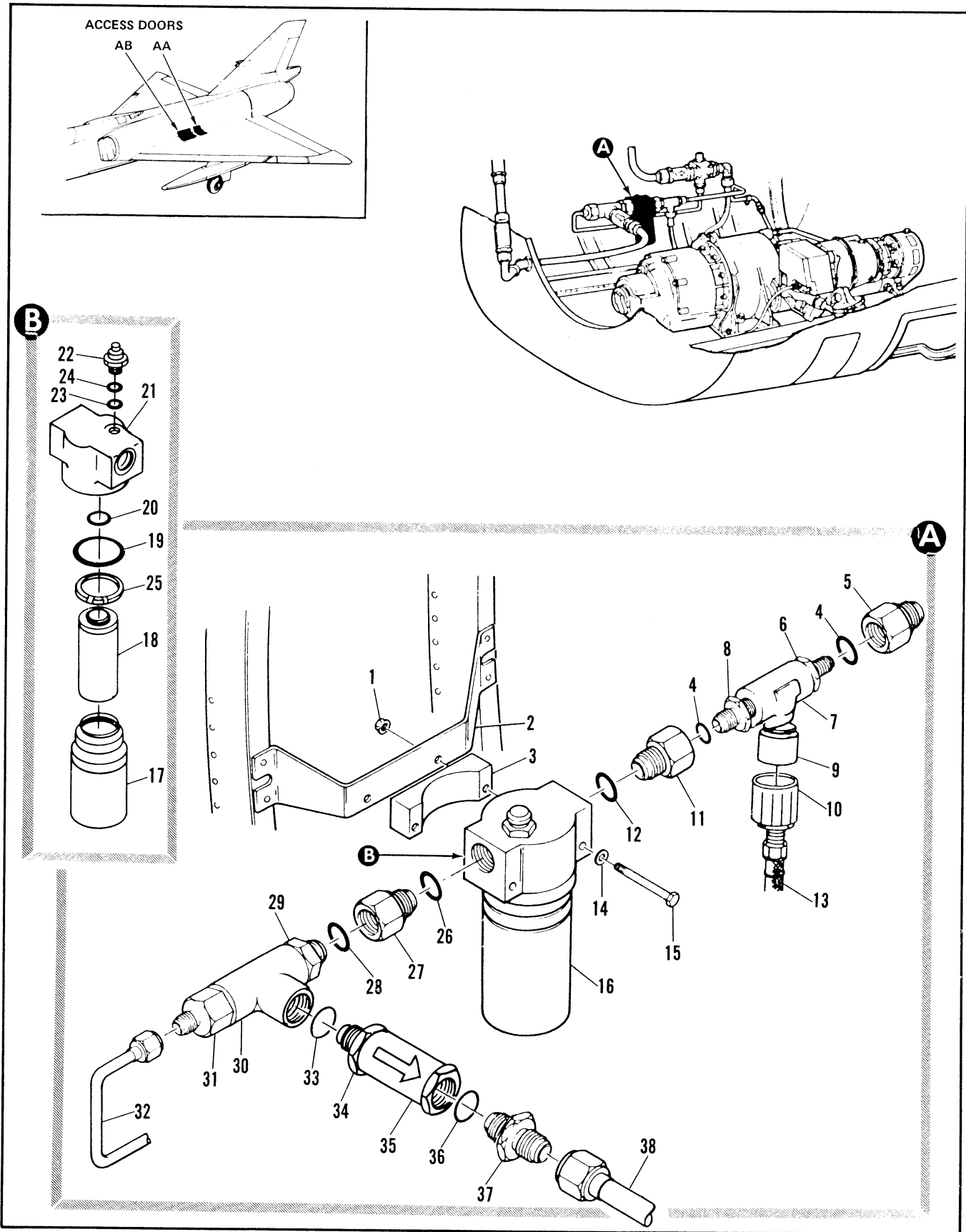


Figure 2.10-29. Accessory Drive External Filter and Assembly

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.10-29		ACCESSORY DRIVE EXTERNAL FILTER EQUIPMENT AND INSTALLATION	RF		
- 1	MS21043-4	• NUT, SELFLOCKING	2	35	
- 2	713068	• BRACKET, INSEP ASSY	1		
- 3	713069	• SPACER	1		
- 4	MS9387-08	• PACKING	2		
- 5	MS21915-08-6	• REDUCER	1		
- 6	AN924-BD	• JAMB NUT	1		
- 7	MS21910-8	• TEE	1		
- 8	AN924-8D	• UNION	1		
- 9	56425	• NIPPLE (405-20222-33201) REPLACED BY P/N 375213-8 NOT INTCHG WITH 56425. P/N 375213-8 USED WITH 375508-8 ONLY.	1		
- 10	56426	• SOCKET (405-20223-33201) REPLACED BY P/N 375508-8 NOT INTCHG WITH 56426. P/N 375508-8 USED WITH 375213-8 ONLY.	1		
- 11	MS21915-C8-6	• BUSHING, SCR THD, REDUCER	1		
- 12	MS9387-12	• PACKING	1		
- 13	MS8001HC94B	• HOSE ASSY	1		
- 14	AN960C-416L	• WASHER	2		
- 15	MS20073-04-30	• BOLT, MACHINE	2		
- 16	56429	• FILTER ASSY	RF		
- 17	56429-3	• • BOWL, FILTER	1		
- 18	56429-1	• • ELEMENT, FILTER (01414, P/N AC-6091F12Y8)			
- 19	MS9388-136	• • PACKING, PREFORMED (M83248/1-136)	1		
- 20	MS9388-214	• • PACKING, PREFORMED (M83248/1-214)	1		
- 21	56429-4	• • HEAD, FILTER	1		
- 22	56429-2	• • INDICATOR, PRESSURE DIFFERENTIAL	1		
- 23	MS9388-14	• • PACKING, PREFORMED (M83248/1-14)	1		
- 24	MS9387-08	• • PACKING, PREFORMED (M83248/1-908)	1		
- 25	MS28774-136	• • BACKUP RING	1		
- 26	MS9387-12	• PACKING	1		
- 27	MS21615-D16-12	• BUSHING, SCR THD, EXPANDER	1		
- 28	MS9387-16	• PACKING	1		
- 29	MS21915-D16-8	• BUSHING, SCR THD, EXPANDER	1		
- 30	MS21910-D16	• TEE, FLARELESS TUBE, INTERNAL THD ON RUN	1		
- 31	MS21915-D16-8	• BUSHING, SCR THD, EXPANDER	1		
	MS9387-16	• PACKING	1		
- 32	712494	• TUBE INSEPARABLE ASSY	1	35	
- 33	MS9387-16	• PACKING	1		
- 34	MS21902-D16	• UNION	1		
- 35	8-09296-5	• CHECK VALVE	1		
- 36	MS9387-16	• PACKING	1		
- 37	MS21902-D16	• UNION, FLARELESS TUBE	1		
- 38	712493	• TUBE ASSY	1		

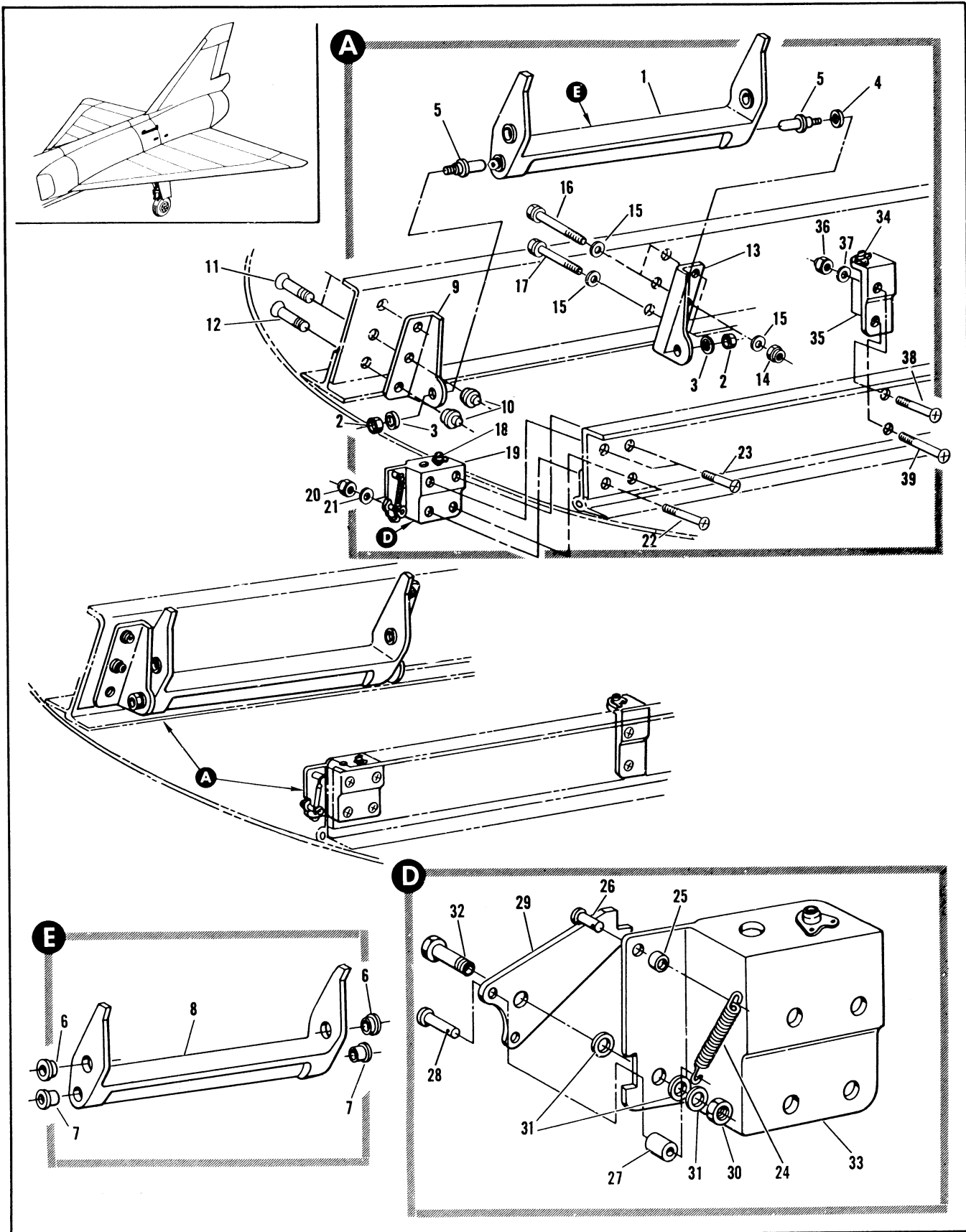


Figure 2.10-30. Remote Gearbox Accessory Drive Support Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.10-30	8-28930	SUPPORT INSTALLATION, REMOTE GEARBOX ACCESSORY DRIVE FOR NHA SEE FIG. 2.3-3	RF	35	
- 1	8-28944	• CLEVIS ASSY, OUTBD SUPPORT	1	35	
	8-28936	• CLEVIS ASSY, OUTBD SUPPORT ALT INTCHG WITH 8-29944 ATTACHING PARTS	RF	35	
- 2	NAS679A4	• NUT	2	35	
- 3	99-51505-007	• WASHER	2	35	
- 4	99-51507-010	• WASHER	AR	35	
- 5	8-28941	• PIN, HINGE OUTBD SUPPORT ----X----	2	35	
- 6	NAS538-7P32	• BUSHING	2	35	
- 7	NAS538-6P67	• BUSHING	2	35	
- 8	8-28944-9	• CLEVIS	1	35	
	8-28936-7	• CLEVIS, USE WITH 8-28936	RF	35	
- 9	8-28940-9	• BRACKET	1	35	
- 10	LC-C8	• COLLAR, FWD <29666> 92-17000-002	3	35	
- 11	ALPPH-T8-6	• LOCKBOLT, FWD <29666> 96-79002-645	2	35	
- 12	ALPPH-T8-8	• LOCKBOLT, FWD <29666> 96-79002-647	1	35	
- 13	8-28940-10	• BRACKET, AFT	1	35	
- 14	NAS679A4	• NUT, AFT	3	35	
- 15	AN960-416	• WASHER, AFT	6	35	
- 16	NAS464-4A7	• BOLT, AFT	2	35	
- 17	NAS464-4A10	• BOLT, AFT	1	35	
- 18	NAS684A5	• NUTPLATE	1	B	
	NAS686A5	• NUTPLATE	1	189	277
- 19	8-28934-1	• BRACKET ASSY, FWD INBD SUPPORT GEARBOX ATTACHING PARTS	1	49	277
- 20	NAS679A4	• NUT	4	35	
- 21	AN960-416	• WASHER	4	35	
- 22	NAS334PA11	• SCREW	2	35	
- 23	NAS334FA7	• SCREW ----X----	2	35	
- 24	8-64374	• SPRING, PILOTS CHECK LIST	1	35	
- 25	NAS42DD4-10	• SPACER	1	35	
- 26	AN392-11	• PIN	1	35	
- 27	NAS42DD4-24	• SPACER	1	35	
- 28	MS20392-1021	• PIN	1	35	
- 29	8-28939-7	• PLATE, LATCH INBD SUPPORT	1	35	
- 30	AN320-4	• NUT	1	35	
- 31	AN960-416L	• WASHER	3	35	
- 32	AN24-13	• BOLT, CLEVIS	1	35	
- 33	8-28946	• BRACKET, FWD INBD SUPPORT GEARBOX REPLACED BY SUITABLE SUB 8-28946-9	1	A	
	8-28938-7	• BRACKET, FWD INBD SUPPORT GEARBOX ALT INTCHG WITH 8-28946	RF	A	
	8-28946-9	• BRACKET, FWD INBD SUPPORT GEARBOX REPLACES SUITABLE SUB FOR 8-28946	1	49	277
	8-28938-9	• BRACKET, FWD INBD SUPPORT GEARBOX ALT INTCHG WITH 8-28946-9	RF	49	277
- 34	NAS684A5	• NUTPLATE	1	B	
	NAS686A5	• NUTPLATE	1	189	277
- 35	8-28945	• BRACKET, SUPPORT REMOTE GEARBOX ACCESSORY DRIVE REPLACED BY SUITABLE SUB 8-28945-9	1	A	
	8-28935-7	• BRACKET, SUPPORT REMOTE GEARBOX ACCESSORY DRIVE ALT INTCHG WITH 8-28945	RF	A	
	8-28945-9	• BRACKET, SUPPORT REMOTE GEAR BOX ACCESSORY DRIVE REPLACES SUITABLE SUB FOR 8-28945	1	49	277
	8-28935-9	• BRACKET, SUPPORT REMOTE GEARBOX ACCESSORY DRIVE ALT INTCHG WITH 8-28945-9 ATTACHING PARTS	RF	49	277
- 36	NAS679A4	• NUT	2	35	
- 37	AN960-416	• WASHER	2	35	
- 38	NAS334PA11	• BOLT	1	35	
- 39	NAS334PA7	• BOLT ----X----	1	35	
		A AIRPLANES #35 THRU 48, 278 AND ON			
		B AIRPLANES #35 THRU 188, 278 AND ON			

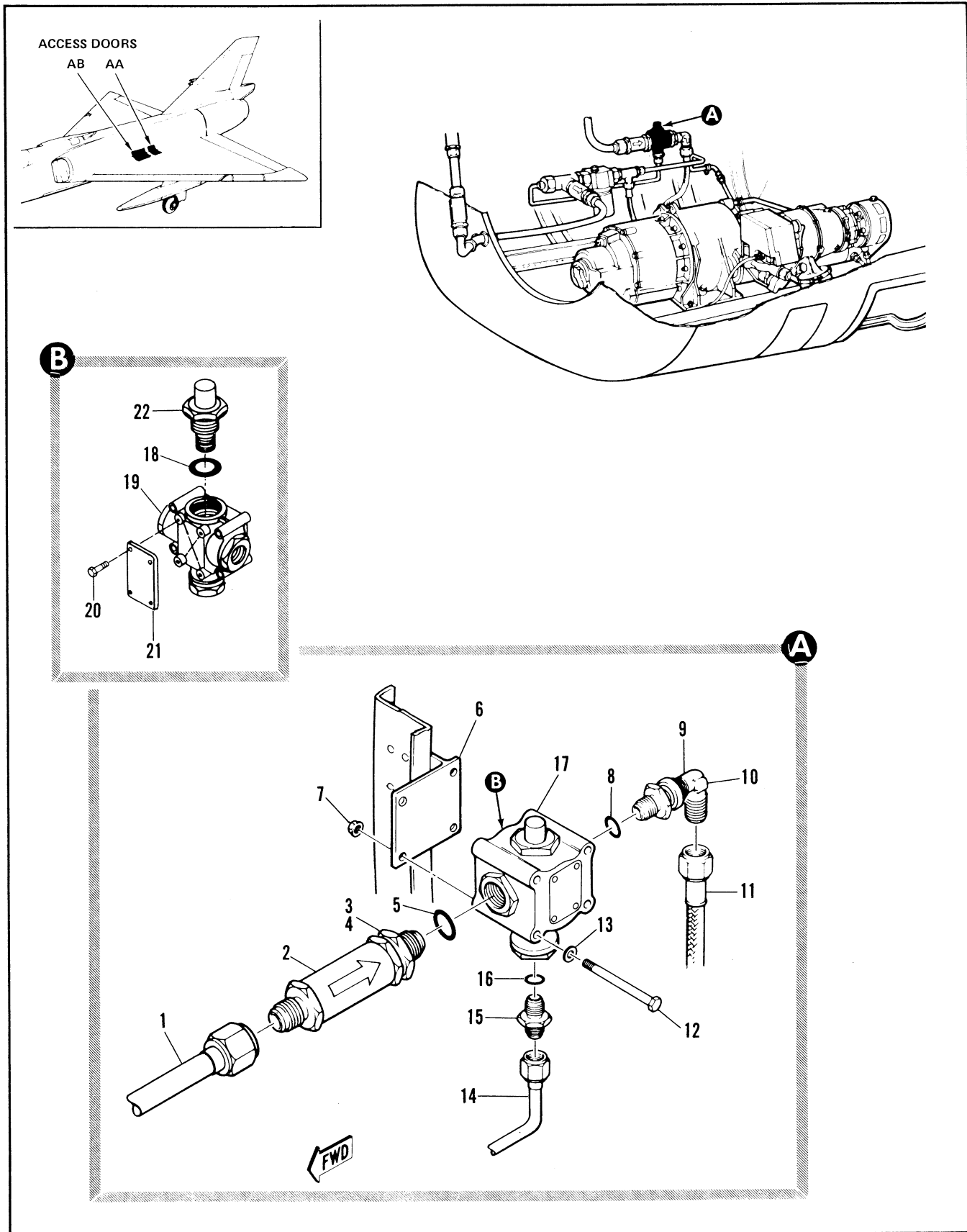


Figure 2.10-31. CSD Oil Cooler Bypass Valve Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.10-31		CSD OIL COOLER BYPASS VALVE INSTALLATION	RF	35	
- 1	8-27576-45	• TUBE ASSY	1		
- 2	8-09296-3	• CHECK VALVE	1		
- 3	MS21916-D16-10	• REDUCER, EXTEPNAL THD	1		
- 4	MS9387-16	• PACKING	1		
- 5	MS9387-10	• PACKING	1		
- 6	713065	• BRACKET ASSY	1		
- 7	MS21043-4	• NUT, SELFLOCKING	4		
- 8	MS9387-10	• PACKING	1		
- 9	AN924-100	• NUT HEX	1		
- 10	MS21968D10	• ELBOW, BULKHEAD 90 DEGREES	1		
- 11	MS8001J152C	• HOSE ASSY	1		
- 12	MS16998-50	• SCREW, CAP, SOC HD	4		
- 13	AN960C-416L	• WASHER	4		
- 14	712494	• TUBE ASSY	1		
- 15	MS21902-C8	• UNION, FLAPELESS TUBE	1		
- 16	MS9387-C8	• PACKING	1		
- 17	712009	• COOLER BYPASS VALVE ASSEMBLY	RF		
- 18	MS9387-16	• • PACKING	1		
- 19	712795	• • HOUSING ASSY	1		
- 20	NAS1352-04-4P	• • SCREW, CAP	4		
- 21	712974	• • PLATE, ID	1		
- 22	56541	• • VALVE, TEMPERATURE REGULATOR	1		

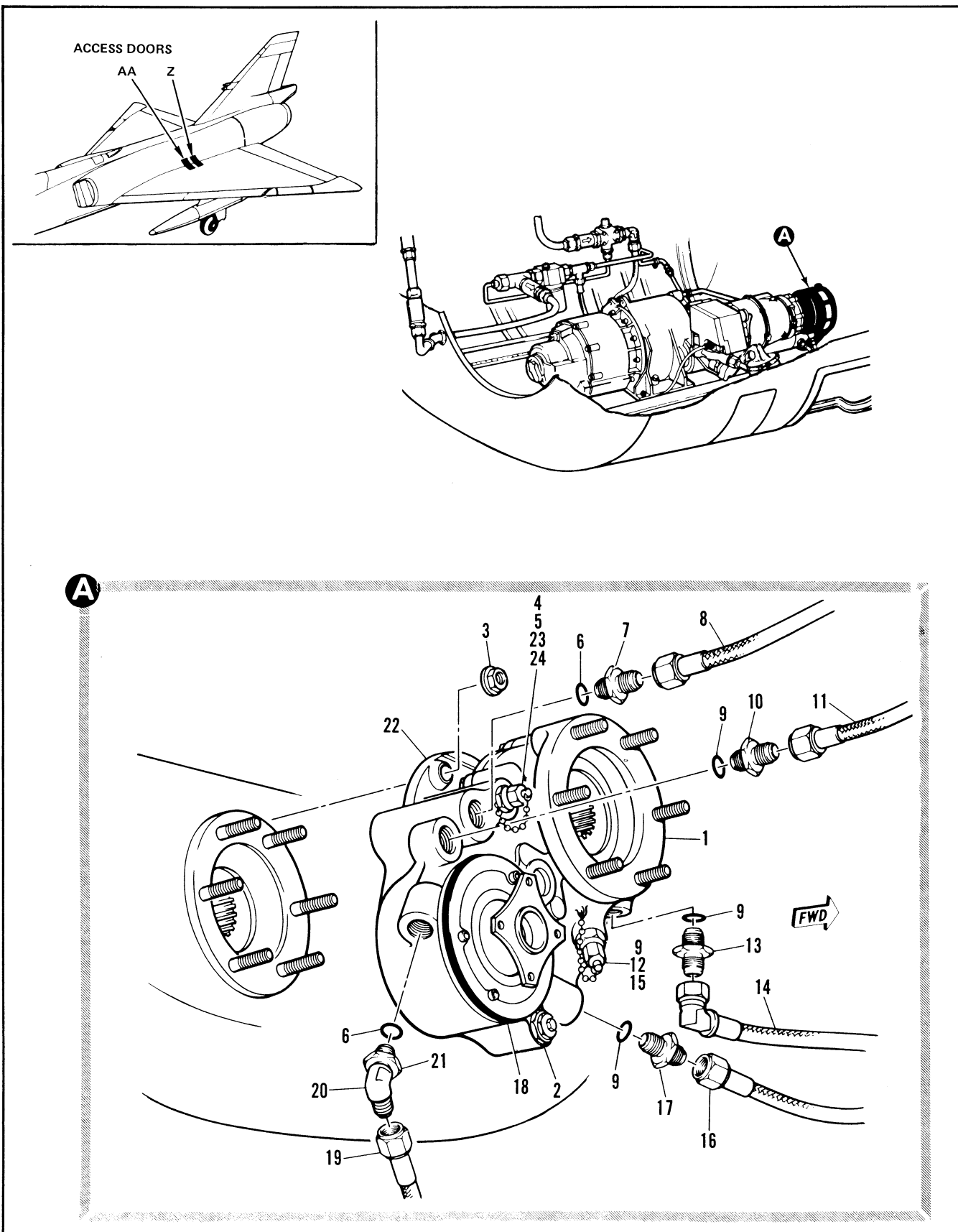


Figure 2.10-32. Engine Mounted Gearbox Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.10-32		ENGINE MOUNTED GEARBOX INSTALLATION	RF	35	
- 1	708682C	• GEARBOX	1		
- 2	40643	• PLUG ASSY, DRAIN SELF-CLOSING, MAGNETIC	1		
- 3	NAS1291-6	• NUT, SELF-LOCKING	1		
- 4	MS21914-2J	• CAP, PRESSURE SEAL	1		
- 5	56553	• CHAIN SAFETY	1		
- 6	MS9387-06	• PACKING	1		
- 7	MS21924J6	• UNION, BULKHEAD	1		
- 8	MS80016125A	• HOSE ASSY	1		
- 9	MS9387-04	• PACKING	1		
- 10	MS21902D4	• UNION, FLARELESS TUBE	1		
- 11	MS8001E156A	• HOSE ASSY	1		
- 12	MS24423-4	• VALVE, CHECK	1		
- 13	MS21902-D4	• UNION, FLARELESS TUBE	1		
- 14	R9844S4-0111-90	• HOSE ASSY, VENT & DRAIN 94-80949-002	1		
- 15	MS21914-J4	• CAP, PRESSURE TUBE	1		
- 16	MS8001E064A	• HOSE ASSY	1		
- 17	MS21902-D4	• UNION, FLARELESS TUBE	1		
- 18	MS9388-247	• PACKING	1		
- 19	MS8001G206A *	• HOSE ASSY	1		
- 20	MS21907-D6	• ELBOW, BULKHEAD 45 DEGREE UNIVERSAL	1		
- 21	AN924-6D	• NUT, HEX	1		
- 22	MS9388-155	• SEAL	1		
- 23	MS21902-2C	• UNION	1		
- 24	MS9387-02	• PACKING	1		
		* THIS HOSE MUST BE USED IN COMBINATION WITH A MS21902J6 UNION TO REPLACE THE 712487 HOSE ASSEMBLY			

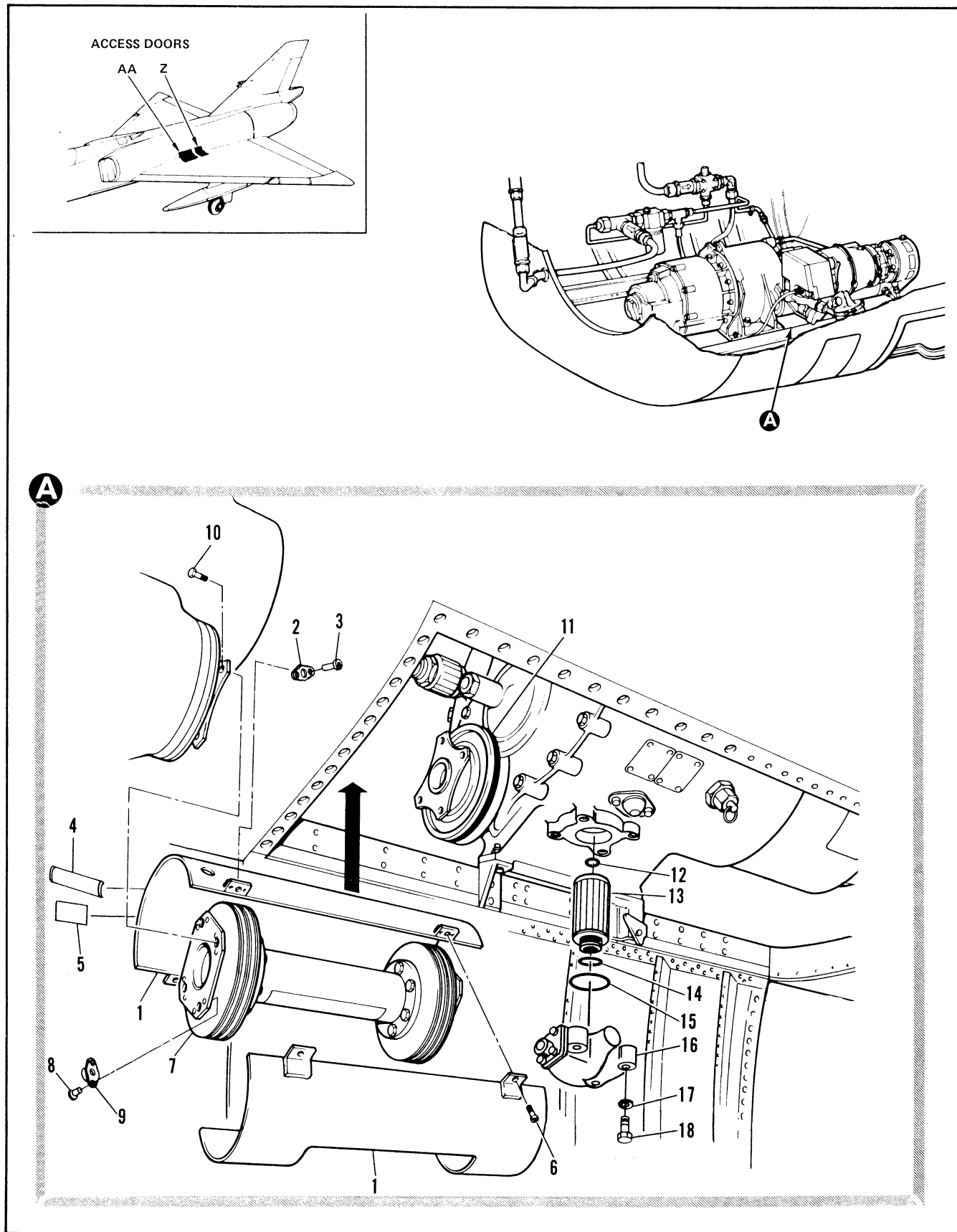


Figure 2.10-33. CSD Drive Shaft Cover, Drive Shaft and Internal Filter Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.10-33		CSD DRIVE SHAFT COVER, DRIVE SHAFT AND INTERNAL FILTER ASSEMBLY	RF		
- 1	711867	• COVER, ASSEMBLY	1	35	
- 2	MS21075-3	• • PLATE NUT	4		
- 3	MS20426A3-5	• • RIVET	8		
- 4	715774	• • PLATE, CAUTION	1		
- 5	5200266	• • PLATE, ID	1		
- 6	NAS1351C3-8	• SCREW, CAP	4		
- 7	738646	• DRIVE SHAFT ASSY	1		
- 8	MS20605MP4W4	• • RIVET	16		
- 9	MS21075-3	• • NUT LOCK FLOAT	8		
- 10	NAS464P-5L-A4	• BOLT, MACHINE	8		
- 11	MS9388-245	• PACKING	1		
- 12	MS9388-014	• PACKING	1		
- 13	M76-002-4	• FILTER ASSY	1		
- 14	MS9388-018	• PACKING	1		
- 15	MS9388-128	• PACKING	1		
- 16	708585	• CAP ASSY, FILTER			
- 17	AN960C416L	• WASHER, FLAT	4		
- 18	NAS1352-4-14P	• SCREW, CAP, SOCKET HEAD	4		

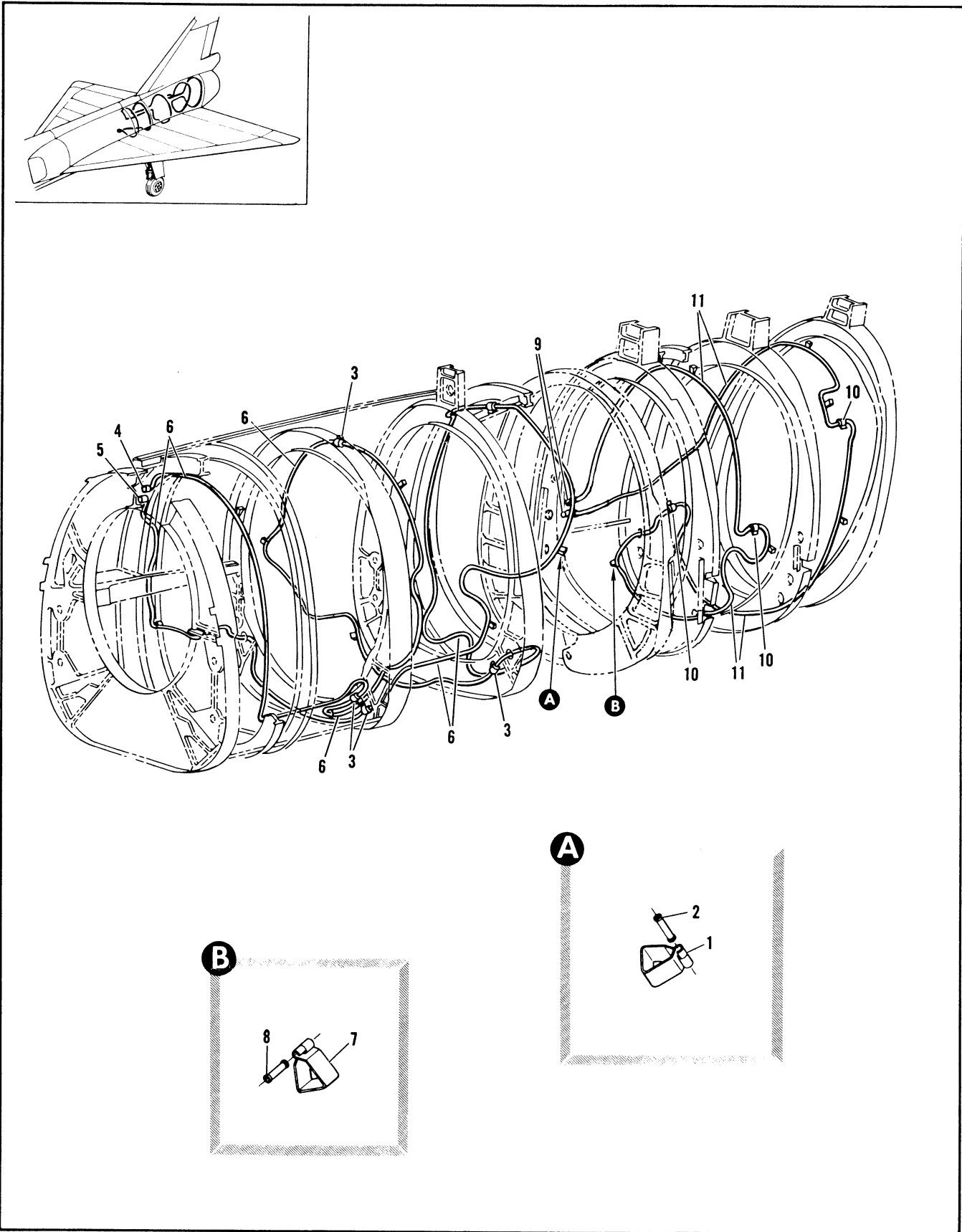


Figure 2.10-34. Fire and Overheat Detector

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.10-34	8-27981-801	FIRE AND OVERHEAT DETECTOR • DETECTOR INSTL, FIRE STA 487 TO 569 FOR NHA SEE FIG. 2.3-14	RF	35	48
- 1	22466	• • CLAMP, <97196> 92-05100-001	AR	35	48
- 2	23541	• • BUSHING, <97196> 91-26901-001	AR	35	48
- 3	41604	• • CONNECTOR, <97196> 92-50074-002 REPLACED BY NOT INTCHG WITH 41799	5	35	48
- 4	41234	• • CONNECTOR, <97196> 92-50001-001	1	35	43
	41941	• • RECEPTACLE, FIRE DETECTOR <19500> SPEC 8-09481-1	1	44	48
	8-27981-151	• • RECEPTACLE ASSY, FIRE DETECTOR ALT INTCHG WITH 41941	RF	44	48
	41234	• • • CONNECTOR, <97196> 92-50001-001	1	44	48
	EX06-8S1S	• • • RECEPTACLE, <18355> SPEC 8-06283	1	44	48
- 5	41236	• • CONNECTOR, <97196> 92-50001-025	1	35	43
	41941	• • RECEPTACLE, FIRE DETECTOR <19500> SPEC 8-09481-1	1	44	48
	8-27981-151	• • RECEPTACLE ASSY, FIRE DETECTOR ALT INTCHG WITH 41941	RF	44	48
- 6	234-54610	• • CABLE, <97196> 91-38001-003	6	35	48
	8-27981-803	• DETECTOR INSTL, OVERHEAT STA 617 AND AFT FOR NHA SEE FIG. 2.3-14	RF	35	48
- 7	22466	• • CLAMP, <97196> 92-05100-001	12	35	48
- 8	23541	• • BUSHING, <97196> 91-26901-001	73	35	48
- 9	41234	• • CONNECTOR, <97196> 92-50001-001	2	35	43
	41241	• • RECEPTACLE, FIRE DETECTOR <19500> SPEC 8-09481-1	2	44	48
	8-27981-151	• • RECEPTACLE ASSY, FIRE DETECTOR ALT INTCHG WITH 41941	RF	44	48
- 10	41604	• • CONNECTOR, <97196> 92-50074-002 REPLACED BY NOT INTCHG WITH 41799	3	35	48
- 11	234-54610	• • CABLE, <97196> 91-38001-003	4	35	48

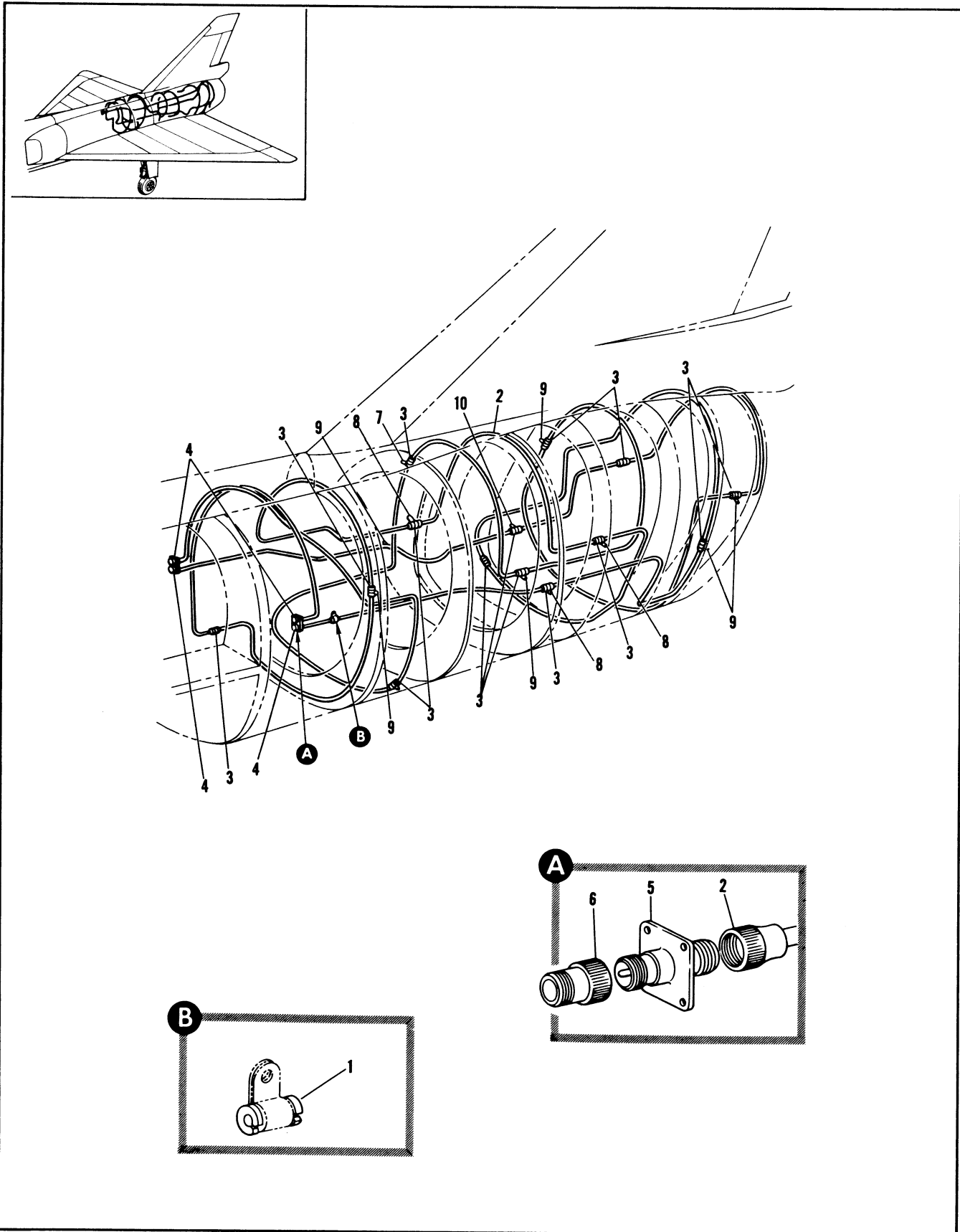


Figure 2.10-35. Fire and Overheat Detector Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.10-35	8-28963	DETECTOR INSTALLATION, FIRE AND OVERHEAT FOR NHA SEE FIG. 2.3-14	RF	49	
- 1	23541	• BUSHING, <19500> 91-26901-001	AR	49	
- 2	234-54610	• CABLE ASSY, FIRE DETECTOR <19500> 91-38000-003 REPLACED BY SUITABLE SUB 294C546120	16	49	60
	294C546120	• CABLE ASSY, FIRE DETECTOR <19500> 91-38000-004 REPLACES SUITABLE SUB FOR 234-54610	16	61	
- 3	41604	• CONNECTOR, FIRE DETECTOR <19500> 92-50074-002 REPLACED BY SUITABLE SUB 41799	14	49	60
	41799	• CONNECTOR, FIRE DETECTOR <19500> 92-50074-003 REPLACES SUITABLE SUB FOR 41604	14	61	
- 4	41941	• RECEPTACLE, <19500> SPEC 8-09481-1	4	49	
- 5	41234	• RECEPTACLE, <19500> 92-50001-001	1	49	
- 6	EX06-8S1S	• CONNECTOR, <71468> SPEC 8-06283	1	49	
- 7	NAS43DD3-16	• SPACER	1	49	
- 8	NAS43DD3-20	• SPACER	4	49	
- 9	NAS43DD3-24	• SPACER	6	49	
- 10	NAS43DD3-48	• SPACER	1	49	

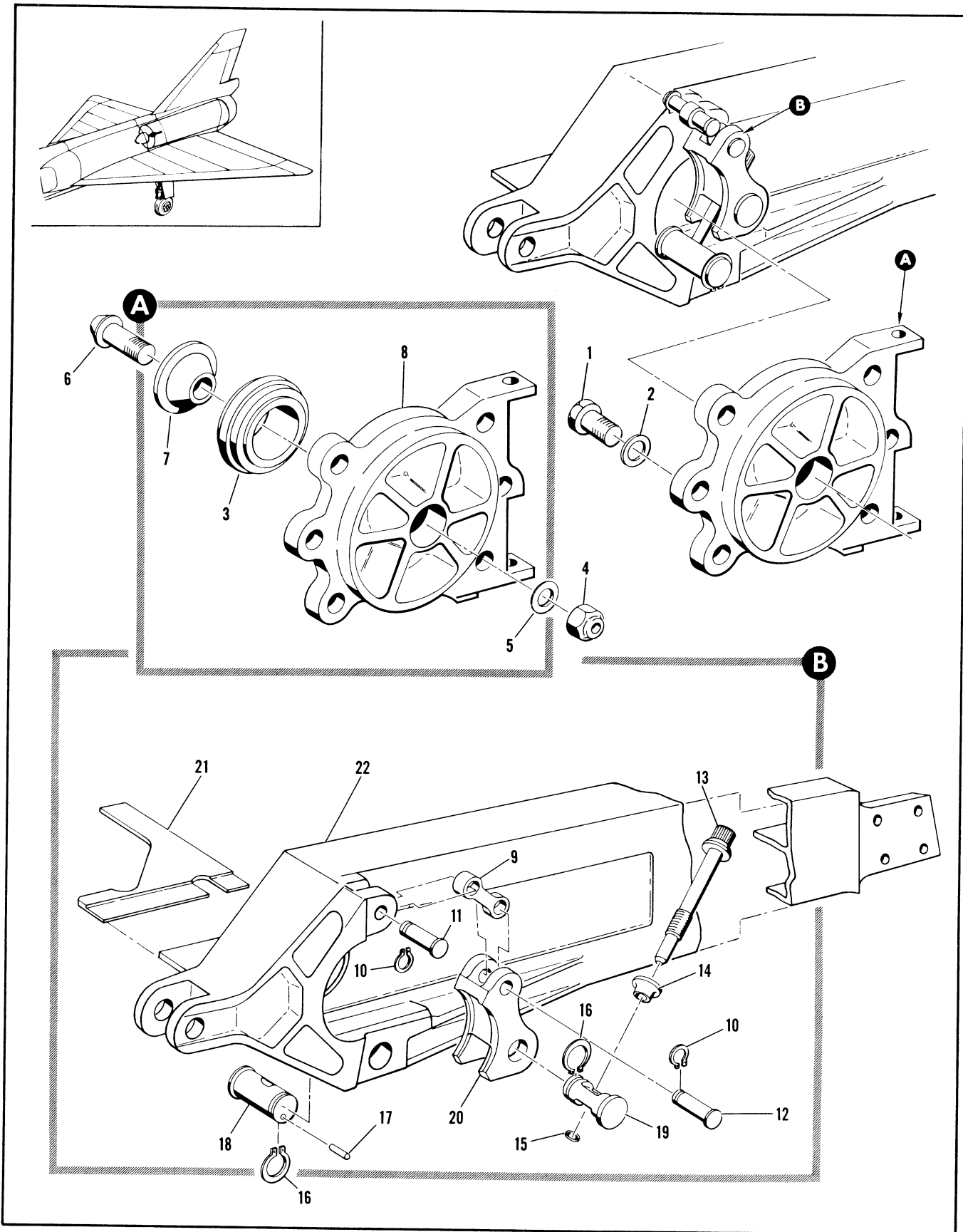


Figure 2.10-36. Engine Thrust Bearing Support and Clamp

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.10-36	8-22961	ENGINE THRUST BEARING SUPPORT AND CLAMP • SUPPORT ASSY, ENGINE THRUST BEARING FOR NHA SEE FIG. 2.10-7 ATTACHING PARTS	RF 35		
- 1	NAS1309-3H	• BOLT	6 35		
- 2	AN960-916L	• WASHER	6 35		
		-----X-----			
- 3	BSSR25005	• BEARING ASSY, ENGINE THRUST MOUNT <81376> SPEC 8-02271 ATTACHING PARTS	1 35		
- 4	NAS679A6	• NUT	1 35		
- 5	AN960-616L	• WASHER	1 35		
- 6	MS20006-20	• BOLT	1 35		
		-----X-----			
- 7	8-22965	• WASHER	1 35		
- 8	8-22960-7	• SUPPORT	1 35		
	8-22959	• SUPPORT, ALT INTCHG WITH 8-22960-7	RF 35		
	8-27993	• CLAMP INSTL, ENGINE THRUST MOUNT STA 478 FOR NHA SEE FIG. 2.3-3	RF 35		
- 9	8-27994	• LINK, ENGINE THRUST MOUNT CLAMP ATTACHING PARTS	1 35		
- 10	NAS670-43	• RING	2 35		
- 11	8-27995-7	• PIN, ENGINE THRUST MOUNT CLAMP	1 35		
- 12	8-27995	• PIN, ENGINE THRUST MOUNT CLAMP	1 35		
		-----X-----			
- 13	8-27999-7	• SCREW	1 A		
	8-28005	• SCREW, ALT INTCHG WITH 8-27999-7	RF A		
	8-28005	• SCREW	1 B		
- 14	8-28006	• SPACER, SCEW ENGINE CLAMP	1 35		
- 15	8-27989	• RING, ENGINE THRUST MOUNT CLAMP	1 35		
- 16	NAS670-87	• RING	2 35		
- 17	79-022-094-075	• PIN, <72962> 96-79301-001	1 35		
- 18	8-27998	• NUT, ENGINE THRUST MOUNT CLAMP	1 35		
- 19	8-27997	• TRUNNION, ENGINE THRUST MOUNT CLAMP	1 35		
- 20	8-27996	• CLAMP, ENGINE THRUST MOUNT	1 35		
	8-74116-L	• BEAM INSTL, ENGINE THRUST STA 472 TO 520 FOR NHA SEE FIG. 2.3-3	RF 35		
- 21	8-74956	• FILLER, ENGINE THRUST BEAM	1 35		
- 22	8-74172-7	• BEAM, ENGINE THRUST	1 C		
	8-74123	• BEAM, ENGINE THRUST ALT INTCHG WITH 8-74172-7	RF C		
	8-74172-11	• BEAM, ENGINE THRUST	1 90	277	
		A AIRPLANES #35 THRU 286, 288, 297 AND ON B AIRPLANES #287 AND 289 THRU 296 C AIRPLANES #35 THRU 89, 278 AND ON			

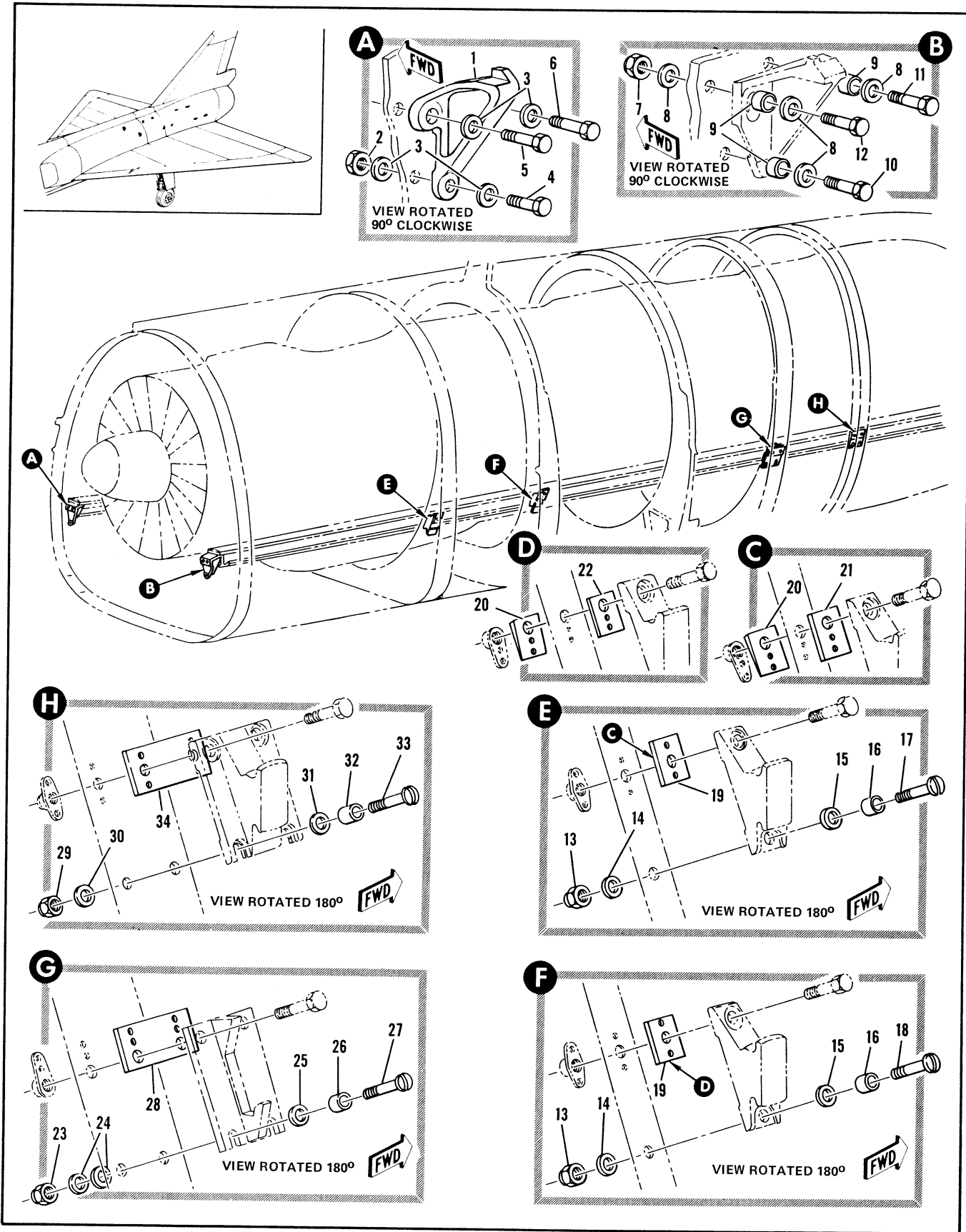


Figure 2.10-37. Engine Removal Rail Support Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.10-37	8-28000	SUPPORT INSTALLATION, ENGINE REMOVAL RAIL FOR NHA SEE FIG. 2.3-15	RF	A	
	8-28000-1	SUPPORT INSTALLATION, ENGINE REMOVAL RAIL FOR NHA SEE FIG. 2.3-15	RF	48	129
- 1	8-28003-7	• SUPPORT, ENGINE REMOVAL RAIL RH REPLACED BY NOT INTCHG WITH 8-28008-10	1	B	
	8-28002	• SUPPORT, ENGINE REMOVAL RAIL RH ALT INTCHG WITH 8-28003-7 ATTACHING PARTS	PF	B	
- 2	NAS679A4	• NUT	3	B	
- 3	AN960-416L	• WASHER	6	B	
- 4	AN4-12A	• BOLT	1	A	
	AN4-14A	• BOLT	1	48	129
- 5	AN4-13A	• BOLT	1	A	
	AN4-14A	• BOLT	1	48	129
- 6	AN4-15A	• BOLT	1	A	
	AN4-16A	• BOLT	1	48	129
		-----X-----			
- 7	NAS679A4	• NUT	3	B	
- 8	AN960-416	• WASHER	6	B	
- 9	NAS43HT4-20	• SPACER	3	B	
- 10	AN4-13A	• BOLT	1	A	
	AN4-14A	• BOLT	1	48	129
- 11	AN4-14A	• BOLT	1	B	
- 12	AN4-16A	• BOLT	1	B	
- 13	22FT524	• NUT, <56878> 96-37525-004	4	A	
	52LH2935-C54	• NUT, <72962> 96-37592-001	4	48	129
- 14	AN960-516	• WASHER	AR	A	
	2935-05	• WASHER, <72962> 99-51201-001	4	48	129
- 15	99-51505-010	• WASHER	4	B	
	99-51505-010	• WASHER	2	48	129
- 16	NAS43HT5-10	• SPACER	2	B	
- 17	AN25-14A	• BOLT	2	A	
	AN25-19A	• BOLT	2	48	129
- 18	AN25-14A	• BOLT	2	A	
	AN25-22A	• BOLT	2	48	129
- 19	8-28000-7	• SHIM	4	A	
- 20	8-28004	• SHIM	4	48	129
- 21	8-28000-17	• SHIM	2	48	129
- 22	8-28000-15	• SHIM	2	48	129
- 23	22FT428	• NUT, <56878> 96-37525-003	4	B	
- 24	AN960-416	• WASHER	8	B	
- 25	99-51505-009	• WASHER	4	B	
- 26	NAS43HT4-10	• SPACER	4	B	
- 27	AN24-13A	• BOLT	4	B	
- 28	8-28000-9	• SHIM	2	B	
- 29	22FT524	• NUT, <56878> 96-37525-004	4	B	
- 30	AN960-516	• WASHER	AR	B	
- 31	99-51505-010	• WASHER	4	B	
- 32	NAS43HT5-10	• SPACER	4	B	
- 33	AN25-11A	• BOLT	4	B	
- 34	8-28000-11	• SHIM	2	B	

A AIRPLANES #35 THRU 47, 278 AND ON
 E AIRPLANES #35 THRU 129, 278 AND ON

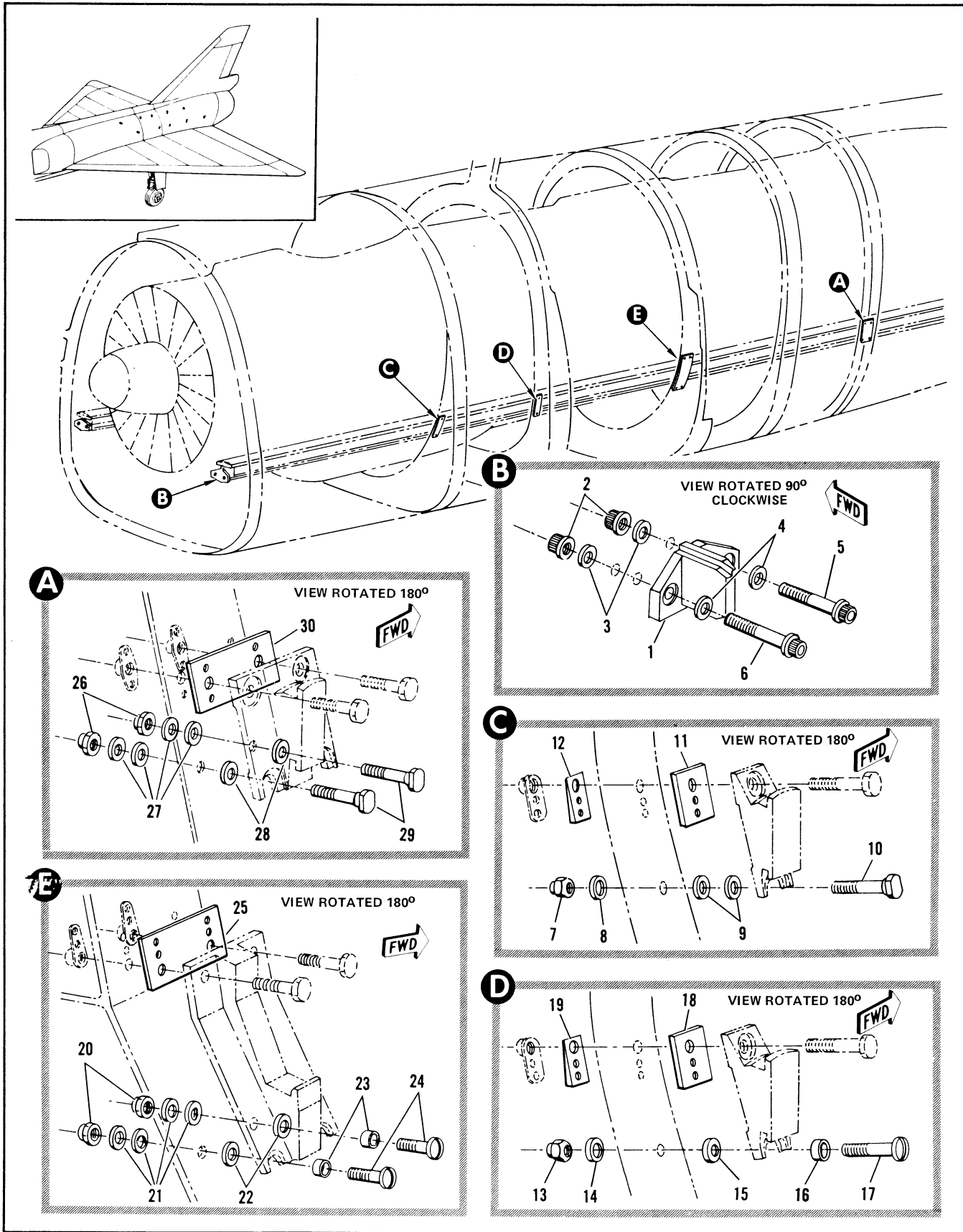


Figure 2.10-38. Engine Removal Rail Support Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.10-38	8-28000-3	SUPPORT INSTALLATION, ENGINE REMOVAL RAIL FOR NHA SEE FIG. 2.3-15	RF	130	277
- 1	8-28008-9	• SUPPORT, ENGINE REMOVAL RAIL LH	1	130	277
	8-28008-10	• SUPPORT, ENGINE REMOVAL RAIL RH REPLACES NOT INTCHG WITH 8-28003-7 ATTACHING PARTS	1	130	277
- 2	EWN22-4	• NUT, <56878> 96-37580-001	4	130	277
- 3	MS20002-4	• WASHER	4	130	277
- 4	MS20002C4	• WASHER	4	130	277
- 5	EWB22-4-19	• BOLT, <56878> 90-82024-025	2	130	277
- 6	EWB22-4-22	• BOLT, <56878> 90-82024-044 -----X-----	2	130	277
- 7	52LH2935-054	• NUT, <72962> 96-37592-001	2	130	277
- 8	2935-05	• WASHER, <72962> 99-51201-001	2	130	277
- 9	99-51505-010	• WASHER	4	130	277
- 10	8-28009-9	• BOLT	2	130	277
- 11	8-28000-17	• SHIM	2	130	277
- 12	8-28004	• SHIM	2	130	277
- 13	52LH2935-054	• NUT, <72962> 96-37592-001	2	130	277
- 14	2935-05	• WASHER, <72962> 99-51201-001	2	130	277
- 15	99-51505-010	• WASHER	2	130	277
- 16	NAS43HT5-10	• SPACER	2	130	277
- 17	AN25-22A	• BOLT	2	130	277
- 18	8-28000-15	• SHIM	2	130	277
- 19	8-28004	• SHIM	2	130	277
- 20	NAS1291-4	• NUT	4	130	277
- 21	AN960-416	• WASHER	6	130	277
- 22	99-51505-009	• WASHER	4	130	277
- 23	NAS43HT4-10	• SPACER	4	130	277
- 24	AN24-13A	• BOLT	4	130	277
- 25	8-28000-9	• SHIM	2	130	277
- 26	NAS1291-5	• NUT	4	130	277
- 27	AN960-516	• WASHER	AR	130	277
- 28	99-51505-010	• WASHER	2	130	277
- 29	8-28009-7	• BOLT, REPLACES NOT INTCHG WITH AN25-11A	4	130	277
- 30	8-28000-11	• SHIM	2	130	277

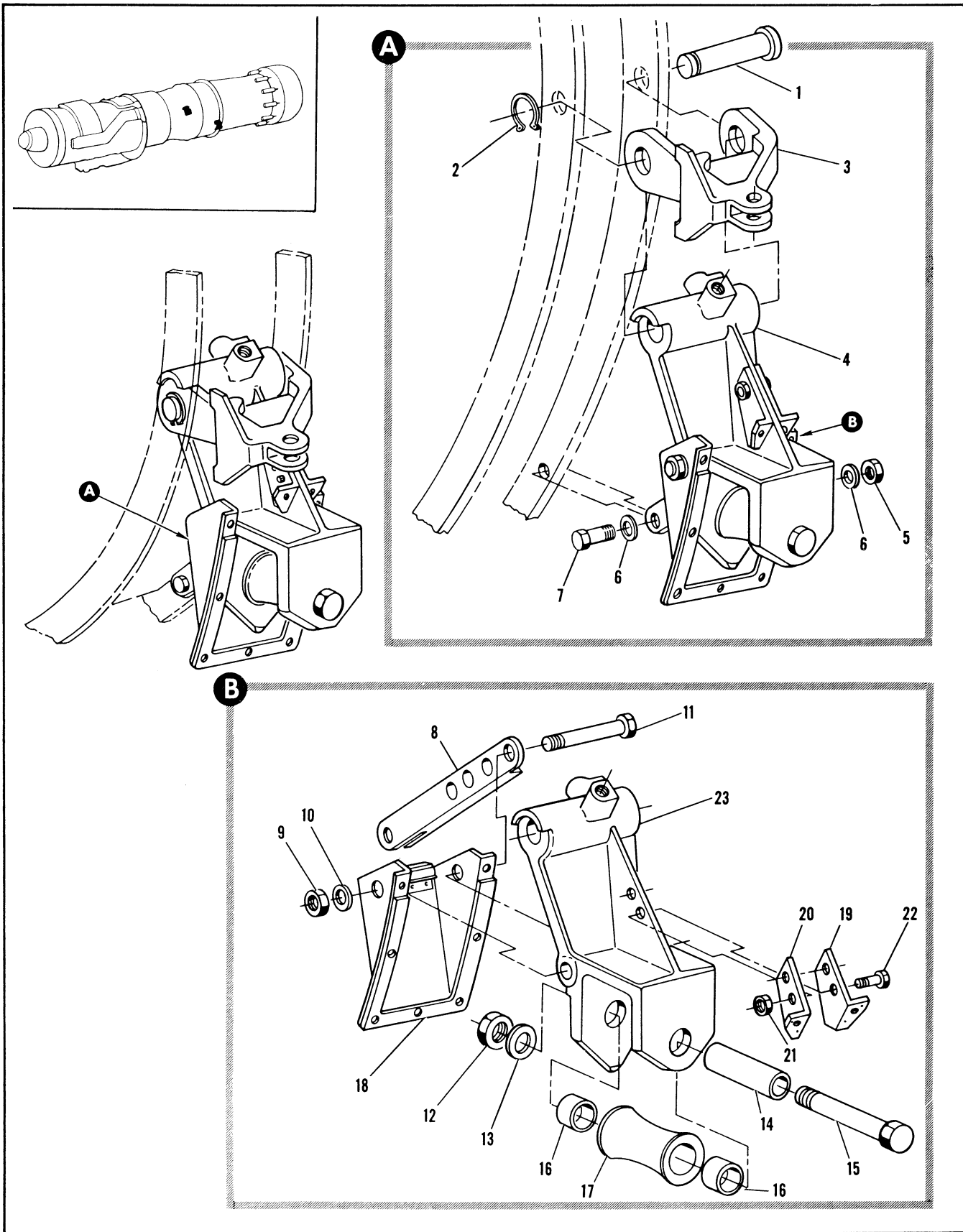


Figure 2.10-39. Engine Aft Roller Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.10-39	8-22080-1	ROLLER INSTALLATION, ENGINE AFT LH FOR NHA SEE FIG. 2.10-7	RF	35	
	8-22080-2	ROLLER INSTALLATION, ENGINE AFT RH FOR NHA SEE FIG. 2.10-7	RF	35	
- 1	8-22084	• PIN, ENGINE AFT ROLLER	1	35	
- 2	5100-75W	• RING, RETAINER <79136> 97-61509-001	1	35	
- 3	8-22618-7	• SUPPORT, ENGINE COOLING SHROUD	1	35	
	8-22617	• SUPPORT, ENGINE COOLING SHROUD ALT INTCHG WITH 8-22618-7	RF	35	
- 4	8-22080-7	• ROLLER ASSY, LH	1	35	
	8-22080-8	• ROLLER ASSY, RH ATTACHING PARTS	1	35	
- 5	AN310C6	• NUT	1	35	
- 6	AN960-616	• WASHER	2	35	
- 7	NAS501-6-12	• BOLT	1	35	
		----X----			
- 8	8-22083-7	• LINK, ENGINE AFT ROLLER BRACKET LH	1	35	
	8-22083-8	• LINK, ENGINE AFT ROLLER BRACKET RH ATTACHING PARTS	1	35	
- 9	AN320C7	• NUT	1	35	
- 10	AN960-716	• WASHER	1	35	
- 11	NAS501-7-22	• BOLT	1	35	
		----X----			
	8-22082	• ROLLER ASSY, ENGINE AFT ATTACHING PARTS	1	35	
- 12	AN320C8	• NUT	1	35	
- 13	AN960-816	• WASHER	1	35	
- 14	8-22069	• SPACER, ENGINE SUPPORT ROLLER	1	35	
- 15	8-22085	• BOLT, ENGINE AFT ROLLER BRACKET SHEAR	1	35	
		----X----			
- 16	NAS295-10A	• BEARING	2	35	
- 17	8-22082-7	• ROLLER	1	35	
- 18	8-22615	• SEAL ASSY, ENGINE COOLING SHROUD RIVETED	1	35	
- 19	8-22616-3	• SUPPORT ASSY, ENGINE COOLING SHROUD RIVETED	1	35	
- 20	8-22616-4	• SUPPORT ASSY, ENGINE COOLING SHROUD RIVETED ATTACHING PARTS	1	35	
- 21	99F12-1632	• NUT, <56878> 96-37536-103	2	35	
- 22	AN305A	• BOLT	2	35	
		----X----			
- 23	8-22081-19	• BRACKET, ENGINE AFT ROLLER LH	1	35	
	8-22086-17	• BRACKET, ENGINE AFT ROLLER LH ALT INTCHG WITH 8-22081-19	RF	35	
	8-22081-21	• BRACKET, ENGINE AFT ROLLER RH	1	35	
	8-22086-19	• BRACKET, ENGINE AFT ROLLER RH ALT INTCHG WITH 8-22081-21	RF	35	

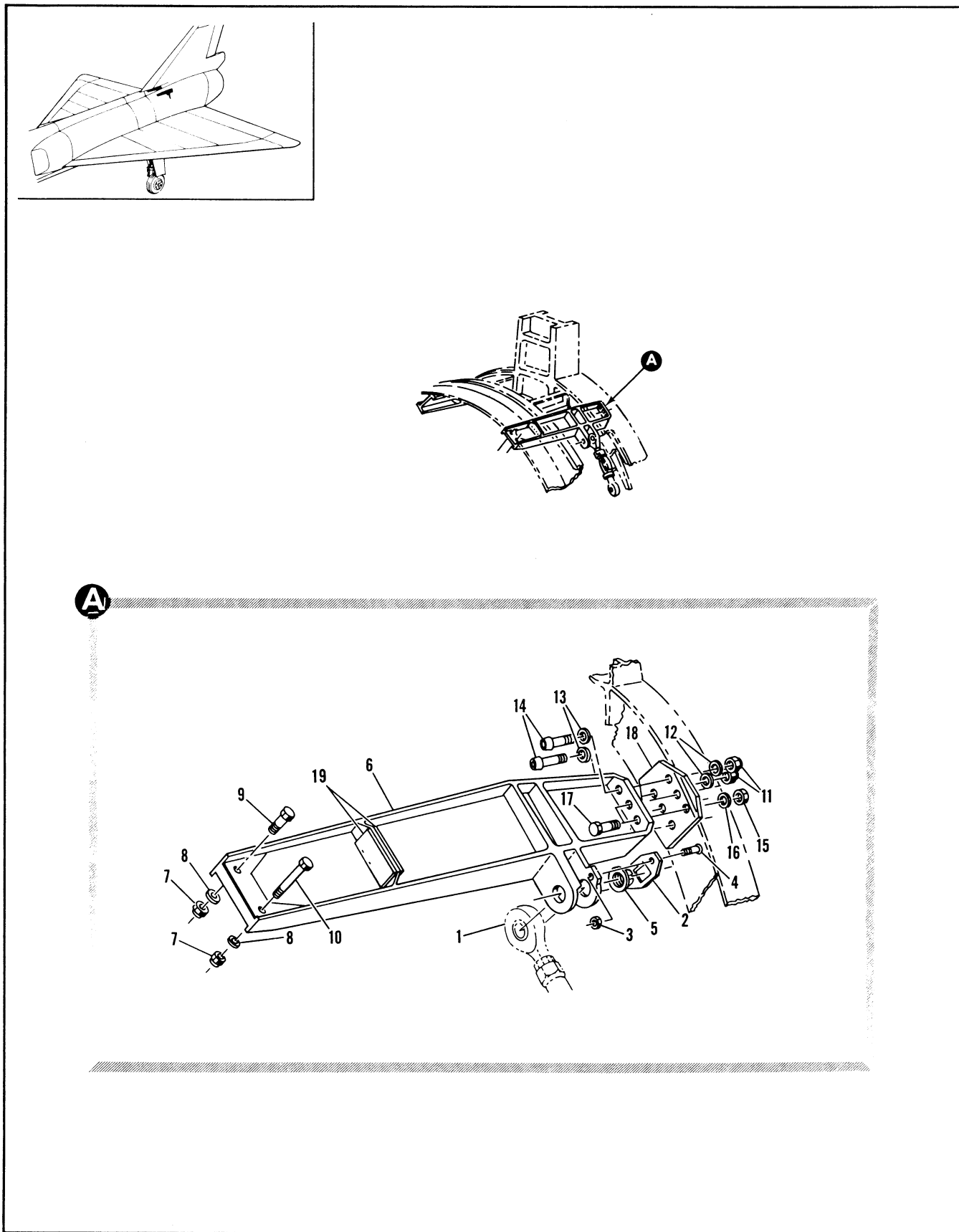


Figure 2.10-40. Engine Mount Beam Installation Aft

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.10-40	8-74128-1	BEAM INSTALLATION, ENGINE MOUNT AFT LH FOR NHA SEE FIG. 2.3-14	RF	35	
	8-74128-2	BEAM INSTALLATION, ENGINE MOUNT AFT RH FOR NHA SEE FIG. 2.3-14	RF	35	
- 1		• TURNBUCKLE ASSY, SEE FIG. 2.10-7 INDEX 178	RF		
- 2	8-74128-7	• RETAINER	1	35	
- 3	NAS679A3	• NUT	2	35	
- 4	NAS221-11	• SCREW	2	35	
- 5	8-27985	• NUT, ENGINE MOUNT	1	35	
- 6	8-74722-11	• BEAM, LH MAKE FROM 8-74724 REPLACED BY INTCHG WITH 8-74726-7	1	A	
	8-74726-7	• BEAM, LH REPLACES INTCHG WITH 8-74722-11	1	278	293
	8-77766-7	• BEAM, LH MAKE FROM 8-74724-7 ALT INTCHG WITH 8-74722-11 AND 8-74726-7	RF	35	
	8-74722-12	• BEAM, RH MAKE FROM 8-74724 REPLACED BY INTCHG WITH 8-74726-8	1	A	
	8-74726-8	• BEAM, RH REPLACES INTCHG WITH 8-74722-12	1	278	293
	8-74724	• BILLET, MAKES ONE 8-74722-11 AND -12 BEAM	RF		
	8-77766-8	• BEAM, RH MAKE FROM 8-74724-7 ALT INTCHG WITH 8-74722-12 AND 8-74726-8	RF	35	
	8-74724-7	• BILLET, MAKES ONE 8-77766-7 AND -8 BEAM	RF		
- 7	NAS679A6	• NUT	2	B	
	NAS1291-6	• NUT	2	39	277
- 8	MS20002-6	• WASHER	2	35	
- 9	NAS464-6A10	• BOLT	1	35	
- 10	NAS464-6A24	• BOLT	1	35	
- 11	42FW624	• NUT, <56878> 96-37510-003	2	35	
- 12	MS20002-6	• WASHER	2	35	
- 13	MS20002C6	• WASHER	2	35	
- 14	MS20006-10	• BOLT	2	35	
- 15	22FT524	• NUT, <56878> 96-37525-004	4	35	
- 16	MS20002-5	• WASHER	4	35	
- 17	NAS464-5A8	• BOLT	4	35	
- 18	8-74128-9	• SHIM	AR	35	
- 19	8-74128-11	• SHIM	AR	35	
<p>A AIRPLANES #35 THRU 277, 294 AND ON B AIRPLANES #35 THRU 39, 278 AND ON</p>					

VARIABLE AIR RAMP SUBSECTION

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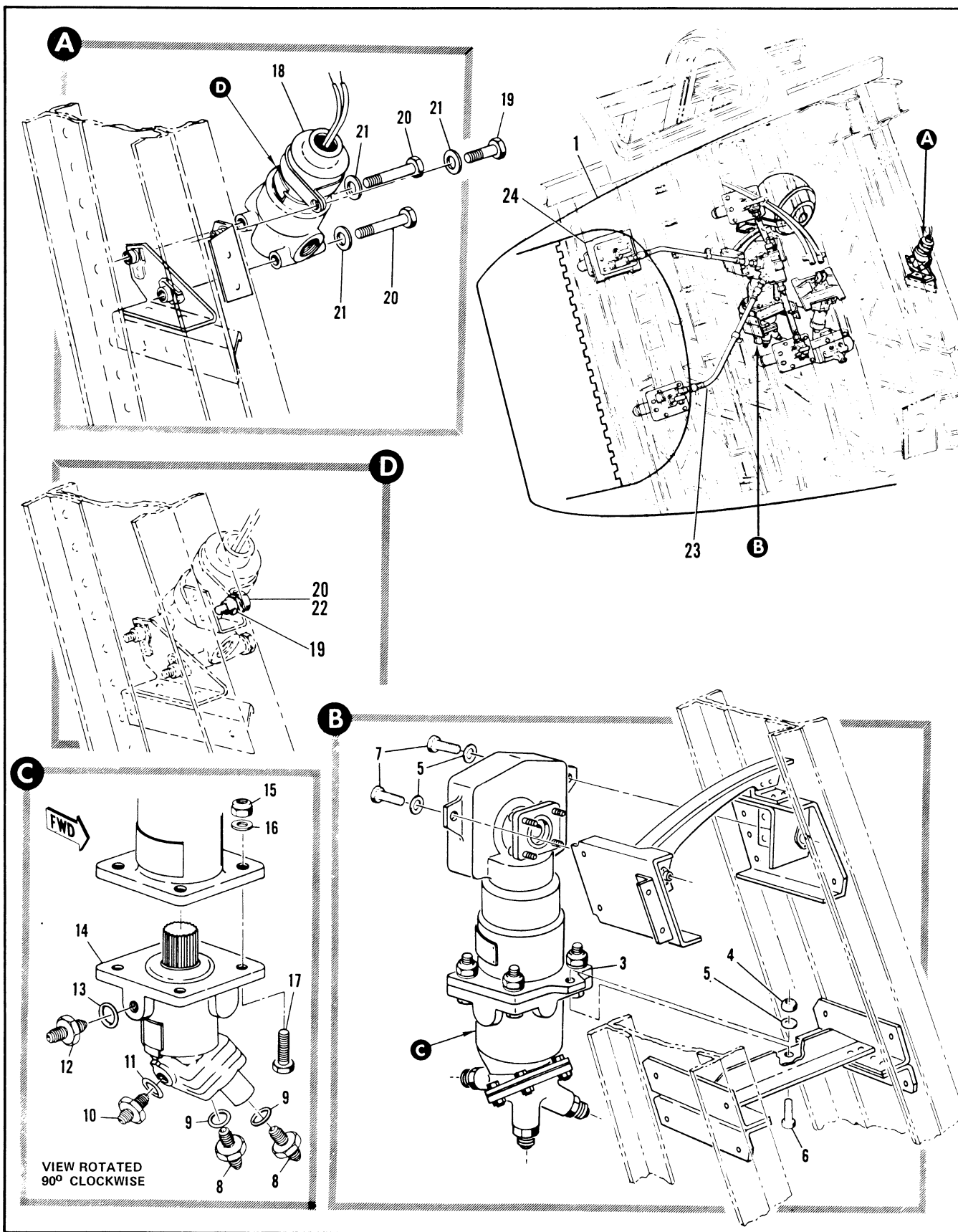


Figure 2.11-1. Variable Air Ramp System (Sheet 1 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.11-1		VARIABLE AIR RAMP SYSTEM			
- 1		• DUCT INSTL, ENGINE AIR INTAKE SEE FIG. 2.11-3	RF		
- 2		• VARIABLE AIR RAMP PITOT STATIC SYSTEM SEE FIG. 2.11-2	RF		
	8-81315-1	• DRIVE INSTL, VARIABLE AIR RAMP INTAKE DUCT MODIFIED BY 8-71122 FOR NHA SEE FIG. 2-3-3	RF	35	
- 3	1063D52	• • DRIVE UNIT ASSY, VARIABLE AIR RAMP INTAKE DUCT <R2404> SPEC 8-00355-5 T.O. 16G2-2-25-3 REPLACES SUITABLE SUB 1063D72	1	35	38
	1063D72	• • DRIVE UNIT ASSY, VARIABLE AIR RAMP INTAKE DUCT <R2402> SPEC 8-00355-7 T.O. 16G2-2-25-3 REPLACES SUITABLE SUB FOR 1063D52 REPLACED BY SUITABLE SUB 1063D85	1	39	159
	1063D85	• • DRIVE UNIT ASSY, VARIABLE AIR RAMP INTAKE DUCT <R2402> SPEC 8-00355-9 T.O. 16G2-2-25-3 REPLACES SUITABLE SUB FOR 1063D72 ATTACHING PARTS	1	160	
- 4	NAS679A4	• • NUT	1	35	
- 5	AN960PD416	• • WASHER	3	35	
- 6	AN4-7A	• • BOLT	1	35	
- 7	AN4-8A	• • BOLT	2	35	
		-----X-----			
- 8	1063C32	*1 • • ADAPTER, TUBING	2	35	
- 9	AN6290-5	*1 • • GASKET	2	35	
- 10	1063C31	*1 • • ADAPTER, TUBING	1	35	
- 11	AN6290	*1 • • GASKET	1	35	
- 12	1063C33	*1 • • ADAPTER, TUBING	1	35	
- 13	AN6290-3	*1 • • GASKET	1	35	
- 14	MF98-3906-30	*1 • • MOTOR, S397-4 HYDRAULIC <R2402> DWG 1063D54	1	35	38
	MF98-3906-30	*1 • • MOTOR, S397-4 HYDRAULIC <R2402> DWG 1063D71	1	39	
	MF98-3906-30	*1 • • MOTOR, S457-4 HYDRAULIC <R2402> DWG 1063D71 ALTERNATE FOR MF98-3906-30-S397-4 ATTACHING PARTS	RF	39	
- 15	AN364-428C	• • • NUT	4	35	
- 16	AN960-416L	*1 • • • WASHER	4	35	
- 17	AN4-7A	*1 • • • BOLT	4	35	
		-----X-----			
	66E40437-1	• VALVE INSTL, VARIABLE AIR RAMP SELECTOR FOR NHA SEE FIG. 2.3-11	RF	35	
- 18	HP542100-3	• • VALVE ASSY, VARIABLE AIR RAMP SELECTOR SOLENOID OPERATED (84685) SPEC 8-00400-3 T.O. 9P5-9-21-3	1	35	
	12650-3	• • VALVE ASSY, SELECTOR (84685) SPEC 8-08580, T.O. 9P5-9-31-3 ATTACHING PARTS	RF		
- 19	MS21042L3	• • NUT	1		
- 20	AN3-5A	• • BOLT	1	35	
- 21	AN3-16A	• • BOLT	2	35	
- 22	AN960D10	• • WASHER	3	35	
		-----X-----			
- 23		• SCREW JACK INSTL, VARIABLE AIR RAMP LH SEE FIG. 2.11-9	RF		
- 24		• SUPPORT ASSY, VARIABLE AIR RAMP SCREW JACK UPPER FWD LH SEE FIG. 2.11-10	RF		
		*1 FURNISHED WITH DRIVE UNIT ASSEMBLY			

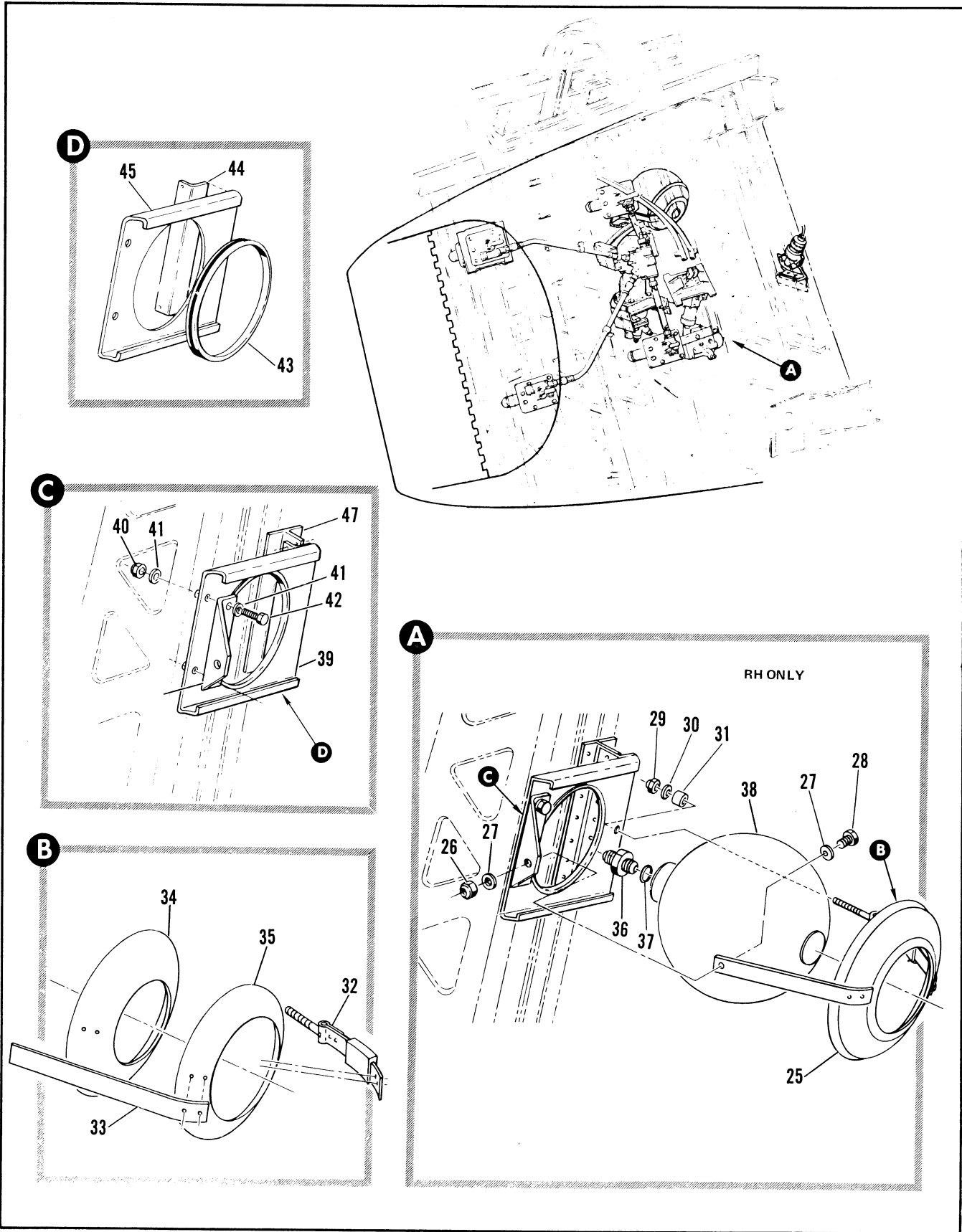


Figure 2.11-1. Variable Air Ramp System (Sheet 2 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4 5 6	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.11-1	8-85048	• FLASK INSTL, VARIABLE AIR RAMP PNEUMATIC FOR NHA SEE FIG. 2.3-3	RF	35	
- 25	8-85048-25	• • SUPPORT ASSY, VARIABLE AIR RAMP FLASK ATTACHING PARTS	1	35	
- 26	NAS679A3	• • NUT	1	35	
- 27	AN960-PD-10L	• • WASHER	2	35	
- 28	AN3-4A	• • BOLT	1	35	
		-----X-----			
- 29	NAS679A3	• • • NUT	1	35	
- 30	AN960-PD-10L	• • • WASHER	1	35	
- 31	NAS43DD3-16	• • • SPACER	1	35	
- 32	19839	• • • STRAP, <98625> 98-54500-002	1	35	
- 33	8-85048-15	• • • STRAP	1	35	
- 34	8-85048-19	• • • PAD	1	35	
- 35	8-85048-17	• • • CUP	1	35	
- 36	MS21916D8-4	• • REDUCER, TUBE	1	35	
- 37	AN6290-8	• • GASKET	1	35	
- 38	873420	• • FLASK, AIR STORAGE VARIABLE AIR RAMP <33525> SPEC 8-90411-5	1	35	
	8-85048-1	• SUPPORT INSTL, VARIABLE AIR RAMP FLASK FOR NHA SEE FIG. 2.3-10	1	35	
- 39	8-85048-23	• • BRACKET ASSEMBLY ATTACHING PARTS	1	35	
- 40	NAS679A3	• • NUT	2	35	
- 41	AN960-PD-10L	• • WASHER	4	35	
- 42	AN3-5A	• • BOLT	2	35	
		-----X-----			
- 43	8-85048-21	• • • PAD	1	35	
- 44	8-85048-9	• • • ANGLE	1	35	
- 45	8-85048-7	• • • MOUNT	1	35	
- 46	8-85048-27	• • ANGLE	1	35	
- 47	8-85048-11	• • TEE	1	35	

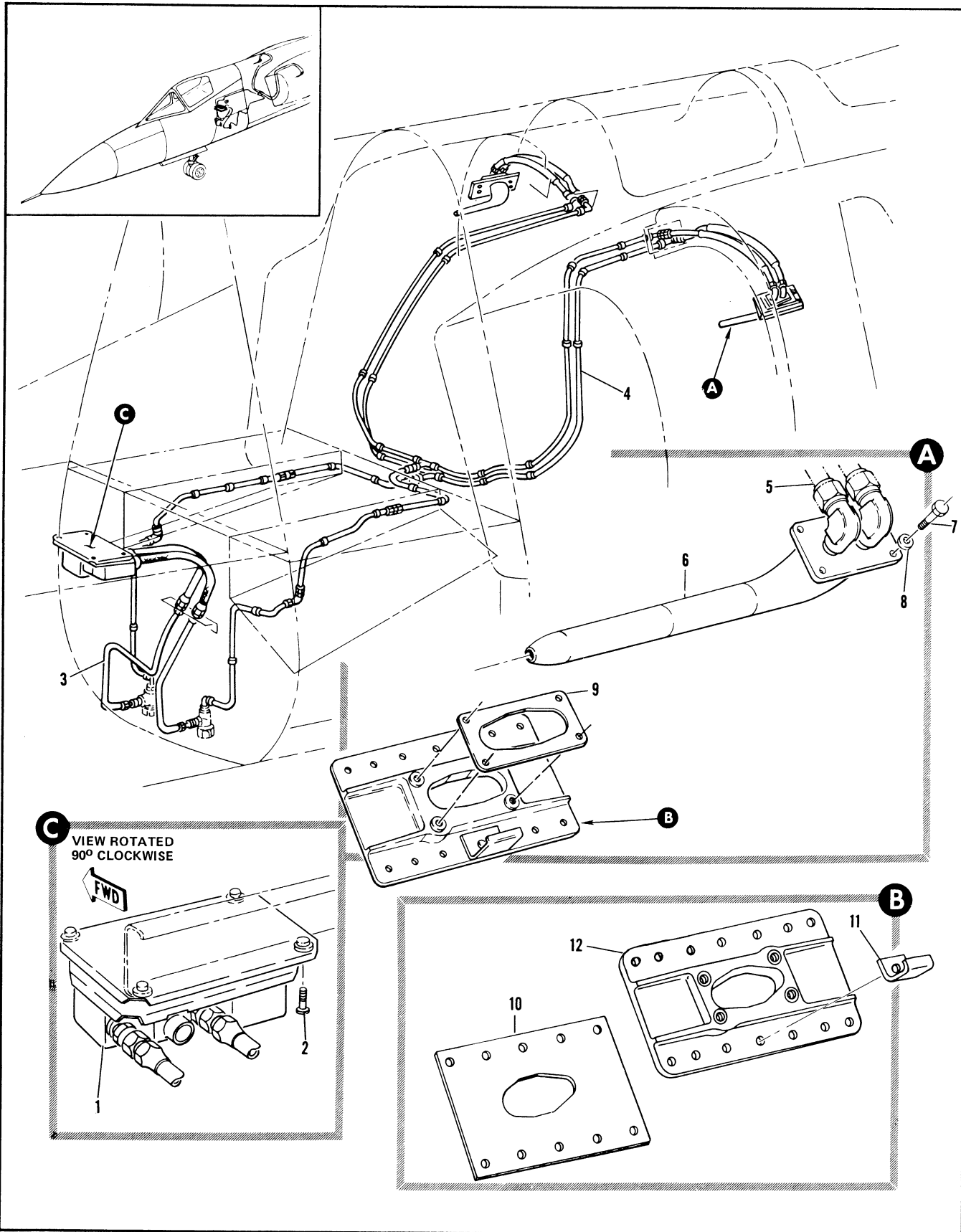


Figure 2.11-2. Variable Air Ramp Pitot Static System

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.11-2		VARIABLE AIR RAMP PITOT STATIC SYSTEM			
- 1	24650	• CONTROL INSTL, VARIABLE AIR INLET	1	35	
	48112-2	• CONTROL UNIT, VARIABLE AIR <72737> SPEC 8-06474-3 T.O. 8C3-10-3-14	1	35	129
	34760	• CONTROL UNIT, VARIABLE AIR <72737> SPEC 8-06474-5 T.O. 5A8-23-2-4	1	130	
		• CONTROL UNIT, VARIABLE AIR <72737> SPEC 8-06474-7 T.O. 5A8-23-2-4 ALT INTCHG WITH 48112-2	RF	130	
- 2	AN520-1CR7	• SCREW	4	35	
		----X----			
- 3		• TUBING INSTL, VARIABLE AIR RAMP PITOT STATIC STA 171 TO 216 SEE FIG. 2.11-11	RF		
- 4		• TUBING INSTL, VARIABLE AIR RAMP PITOT STATIC STA 216 TO 472 SEE FIG. 2.11-12	RF		
- 5	8-92947-803	• TUBE INSTL, VARIABLE AIR RAMP CONTROL PITOT STATIC LH FOR NHA SEE FIG. 2.3-4	RF	35	
	8-92947-804	• TUBE INSTL, VARIABLE AIR RAMP CONTROL PITOT STATIC RH FOR NHA SEE FIG. 2.3-4	RF	35	
- 6	HS4004	• TUBE, PITOT STATIC LH <04849> SPEC 8-09292-1	1	35	
	PST750L	• TUBE, PITOT STATIC LH <70134> SPEC 8-09292-1 ALT INTCHG WITH HS4004	RF	35	
	HS4005	• TUBE, PITOT STATIC RH <04849> SPEC 8-09292-2	1	35	
	PST750R	• TUBE, PITOT STATIC RH <70134> SPEC 8-09292-2 ALT INTCHG WITH HS4005	RF	35	
		ATTACHING PARTS			
- 7	AN3HEA	• BOLT	4	35	
- 8	AN960D10L	• WASHER	4	35	
		----X----			
- 9	8-92950	• GASKET	1	35	
	8-92947-801	• MOUNT INSTL, PITOT STATIC TUBE LH FOR NHA SEE FIG. 2.11-4	RF	35	
	8-92947-802	• MOUNT INSTL, PITOT STATIC TUBE RH FOR NHA SEE FIG. 2.11-4	RF	35	
- 10	8-92947-21	• FILLER, LH	1	35	
	8-92947-22	• FILLER, RH	1	35	
- 11	8-92947-9	• CLIP, GROUNDING	1	35	
- 12	8-92961-1	• MOUNT ASSY, LH	1	35	
	8-92960-1	• MOUNT ASSY, LH ALT INTCHG WITH 8-92961-1	RF	35	
	8-92961-2	• MOUNT ASSY, RH	1	35	
	8-92960-2	• MOUNT ASSY, RH ALT INTCHG WITH 8-92961-2	RF	35	

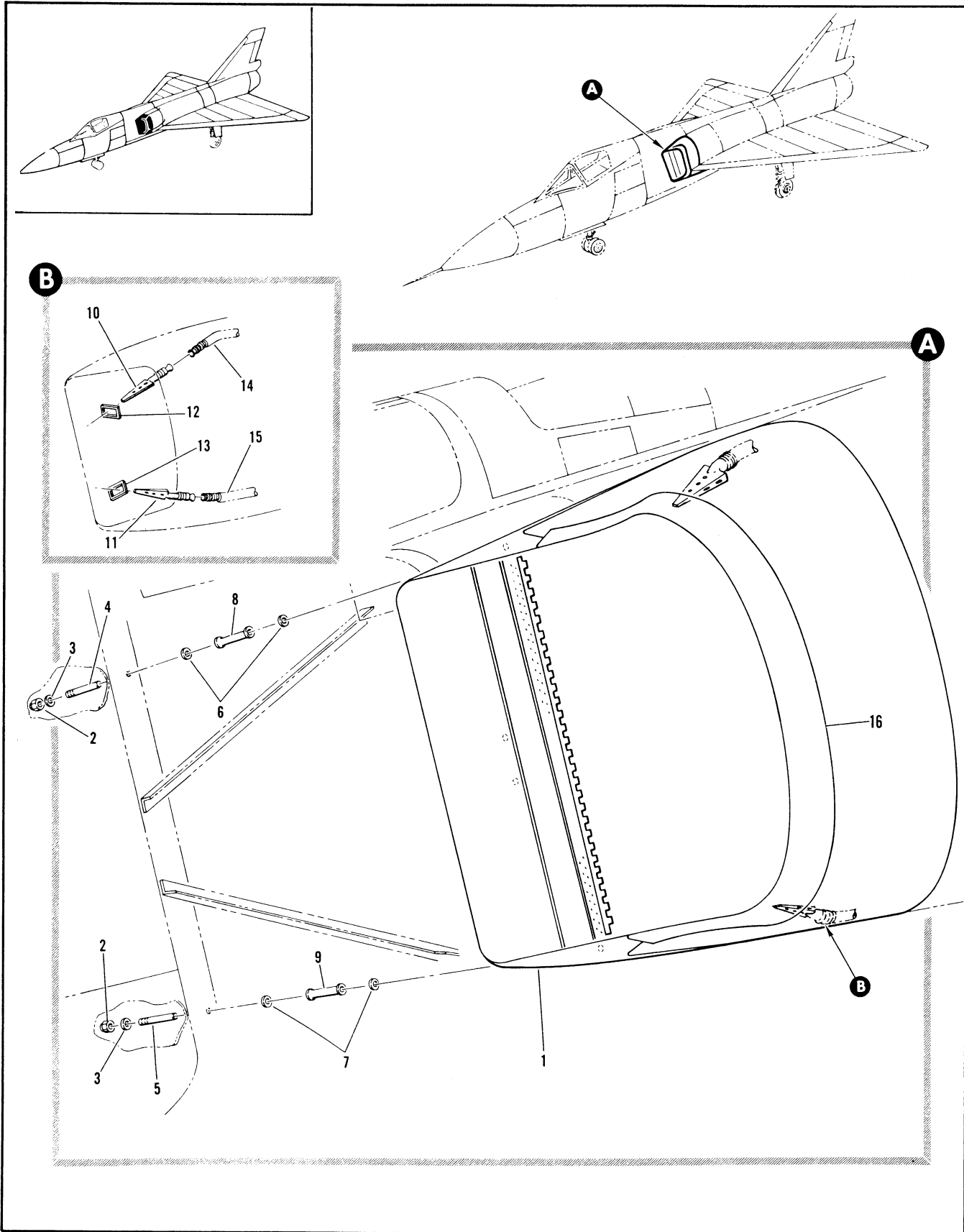


Figure 2.11-3. Engine Air Intake Duct Installation (Sheet 1 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.11-3	8-77586-5	DUCT INSTALLATION, ENGINE AIR INTAKE LH FOR NHA SEE FIG. 2.3-3	RF	35	
	8-77586-6	DUCT INSTALLATION, ENGINE AIR INTAKE RH FOR NHA SEE FIG. 2.3-3	RF	35	
- 1	8-77585-1	• DUCT ASSY, ENGINE AIR INTAKE	1	35	
	8-77585-2	• DUCT ASSY, ENGINE AIR INTAKE RH ATTACHING PARTS	1	35	
	MS20006H10	• BOLT	AR	35	
	MS20002C6	• WASHER	AR	35	
	AN3H5A	• BOLT	AR	35	
	AN3-7A	• BOLT	AR	35	
	AN3H6A	• BOLT	AR	35	
- 2	FN22M624	• NUT, <56878> 96-37510-052	2	35	
- 3	AN96C-616	• WASHER	AR	35	
- 4	8-77050-13	• STUD, ENGINE AIR INTAKE DUCT UPPER	1	35	
- 5	8-77050-15	• STUD, ENGINE AIR INTAKE DUCT LOWER	1	35	
- 6	99-51505-018	• WASHER, UPPER	AR	35	
- 7	99-51505-019	• WASHER, LOWER	AR	35	
- 8	8-77058-7	• SPACER, ENGINE AIR INTAKE DUCT UPPER	1	35	
- 9	8-77058-9	• SPACER, ENGINE AIR INTAKE DUCT LOWER	1	35	
	FN22M524	• NUT, <56878> 96-37510-051	2	35	
	MS20052C5	• WASHER	2	35	
	MS20005H16	• BOLT	2	35	
		-----X-----			
	8-77583-801	• • LEADING EDGE INSTL, LH	1	35	129
	8-77583-3	• • LEADING EDGE INSTL, LH ALT INTCHG WITH 8-77583-801	RF	35	129
	8-77583-803	• • LEADING EDGE INSTL, LH	1	130	
	8-77583-805	• • LEADING EDGE INSTL, LH ALT INTCHG WITH 8-77583-803	RF	130	
	8-77583-802	• • LEADING EDGE INSTL, RH	1	35	129
	8-77583-4	• • LEADING EDGE INSTL, RH ALT INTCHG WITH 8-77583-802	RF	35	129
	8-77583-804	• • LEADING EDGE INSTL, RH	1	130	
	8-77583-806	• • LEADING EDGE INSTL, RH ALT INTCHG WITH 8-77583-804	RF	130	
	8-77584-5	• • • TUBING INSTL, DUCT LEADING EDGE LH	1	35	129
	8-77584-805	• • • TUBING INSTL, DUCT LEADING EDGE LH	1	130	
	8-77584-6	• • • TUBING INSTL, DUCT LEADING EDGE RH	1	35	129
	8-77584-806	• • • TUBING INSTL, DUCT LEADING EDGE RH	1	130	
- 10	8-77584-19	• • • TUBE ASSY, UPPER LH WELDED	1	35	129
	8-77584-121	• • • TUBE ASSY, UPPER LH WELDED	1	130	159
	8-77584-133	• • • TUBE ASSY, UPPER LH WELDED	1	160	
	8-77584-20	• • • TUBE ASSY, UPPER RH WELDED	1	35	129
	8-77584-122	• • • TUBE ASSY, UPPER RH WELDED	1	130	159
	8-77584-134	• • • TUBE ASSY, UPPER RH WELDED	1	160	
- 11	8-77584-23	• • • TUBE ASSY, LOWER LH WELDED	1	35	129
	8-77584-123	• • • TUBE ASSY, LOWER LH WELDED	1	130	159
	8-77584-135	• • • TUBE ASSY, LOWER LH WELDED	1	160	
	8-77584-24	• • • TUBE ASSY, LOWER RH WELDED	1	35	129
	8-77584-124	• • • TUBE ASSY, LOWER RH WELDED	1	130	159
	8-77584-136	• • • TUBE ASSY, LOWER RH WELDED	1	160	
- 12	8-77584-33	• • • GASKET	1	35	
- 13	8-77584-29	• • • GASKET	1	35	
- 14		• • • TUBE ASSY, UPPER SEE FIG. 2.13-27	RF		
- 15		• • • TUBE ASSY, LOWER SEE FIG. 2.13-27	RF		
	8-77583-51	• • • SKIN ASSY, ENGINE AIR INTAKE DUCT LH USED WITH 8-77583-801	1	35	129
	8-77583-52	• • • SKIN ASSY, ENGINE AIR INTAKE DUCT RH USED WITH 8-77583-802	1	35	129
- 16	8-77583-49	• • • SKIN ASSY, LH	1	35	129
	8-77583-50	• • • SKIN ASSY, RH	1	35	128

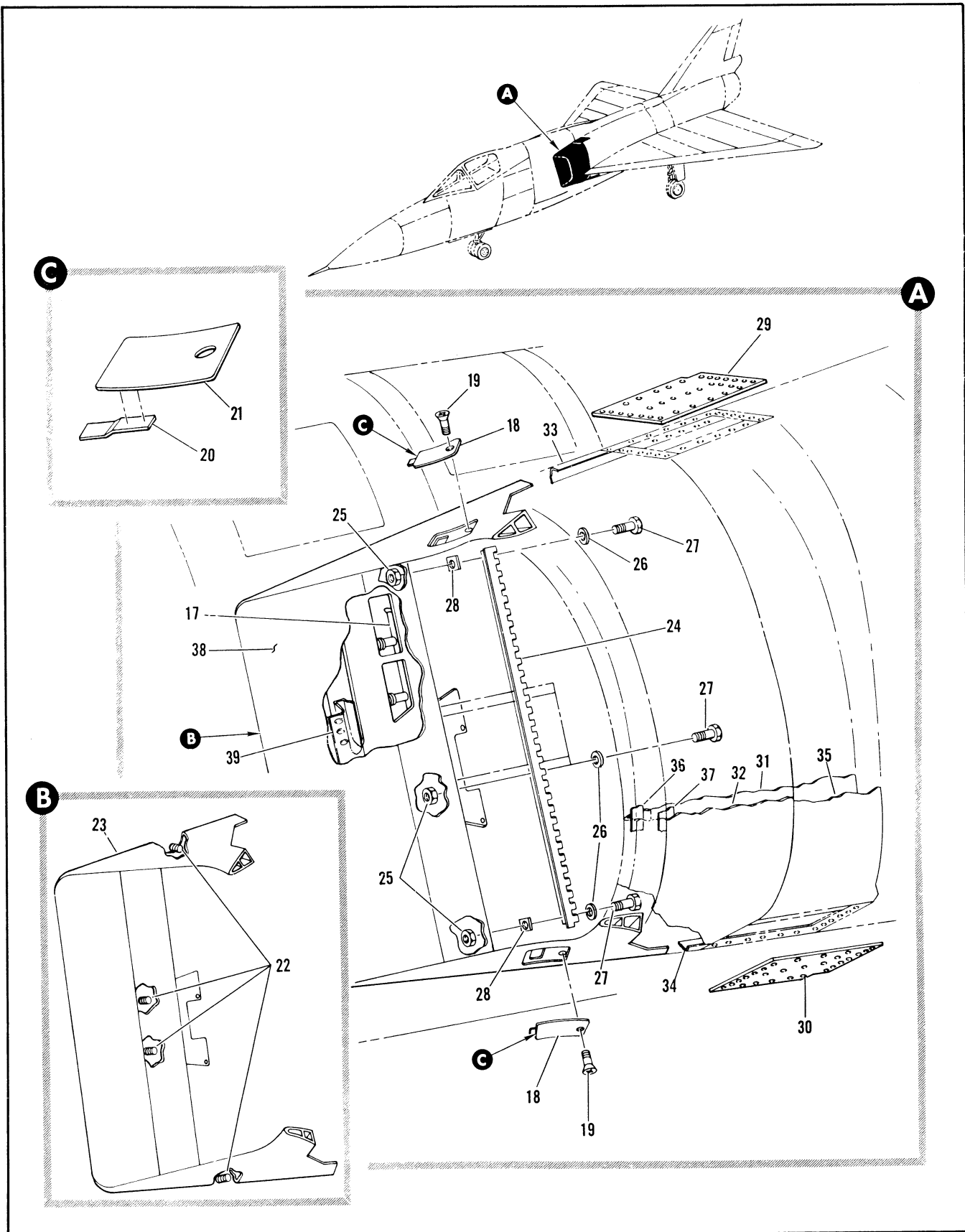


Figure 2.11-3. Engine Air Intake Duct Installation (Sheet 2 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.11-3- 17	8-77584-1	. . TUBING INSTL, LEADING EDGE DUCT ANTI-ICING LH FOR BREAKDOWN SEE FIG. 2.13-27	1	35	
	8-77584-2	. . TUBING INSTL, LEADING EDGE DUCT ANTI-ICING RH FOR BREAKDOWN SEE FIG. 2.13-27	1	35	
- 18	8-77585-61	. . PLATE ASSY, ENGINE AIR INTAKE DUCT ATTACHING PARTS	2	35	
- 19	NAS333PA4	. . SCREW -----X-----	1	35	
- 20	8-77585-59	. . . RETAINER, ENGINE AIR INTAKE DUCT	1	35	
- 21	8-77585-35	. . . PLATE, ENGINE AIR INTAKE DUCT	1	35	
	8-77587-1	. . RAMP ASSY, ENGINE AIR INTAKE DUCT LH	1	35	
	8-77587-2	. . RAMP ASSY, ENGINE AIR INTAKE DUCT RH	1	35	
- 22	1191-9CNX3/4	. . . INSERT, <91767> 95-73000-016	4	35	
- 23	8-77587-11	. . . RAMP, ENGINE AIR INTAKE DUCT LH	1	35	
	8-77587-12	. . . RAMP, ENGINE AIR INTAKE DUCT RH	1	35	
- 24	8-74536-15	. . HINGE, ENGINE AIR INTAKE DUCT ATTACHING PARTS	1	35	
- 25	NAS679A3	. . NUT	6	35	
- 26	AN960-10L	. . WASHER	6	35	
- 27	NAS464-3A4	. . BOLT -----X-----	6	35	
- 28	8-77585-109	. . SHIM	2	35	
- 29	8-77585-11	. . DOOR, ENGINE AIR INTAKE DUCT UPPER LH	1	35	
	8-77585-12	. . DOOR, ENGINE AIR INTAKE DUCT UPPER RH	1	35	
- 30	8-77585-25	. . DOOR, ENGINE AIR INTAKE DUCT LOWER LH	1	35	
	8-77585-26	. . DOOR, ENGINE AIR INTAKE DUCT LOWER RH ATTACHING PARTS	1	35	
	NAS333PA4	. . SCREW	AR	35	
	NAS333PA7	. . SCREW	AR	35	
	NAS333PA5	. . SCREW	AR	35	
	NAS333PA6	. . SCREW -----X-----	AR	35	
- 31	8-77585-7	. . SKIN, INNER LH	1	35	
	8-77585-8	. . SKIN, INNER RH	1	35	
- 32	8-77585-9	. . SKIN, OUTER LH	1	35	
	8-77585-10	. . SKIN, OUTER RH	1	35	
- 33	8-77585-19	. . SKIN, LH	1	35	
	8-77585-20	. . SKIN, RH	1	35	
- 34	8-77585-21	. . SKIN, LH	1	35	
	8-77585-22	. . SKIN, RH	1	35	
- 35	8-77585-123	. . SKIN, LH	1	35	
	8-77585-124	. . SKIN, RH	1	35	
- 36	8-74583-11	. . SKIN, LH	1	35	
	8-74583-12	. . SKIN, RH	1	35	
- 37	8-74583-13	. . SKIN, LH	1	35	
	8-74583-14	. . SKIN, RH	1	35	
- 38	8-77585-79	. . WELD ASSY, ENGINE AIR INTAKE DUCT LH	1	35	
	8-77585-80	. . WELD ASSY, ENGINE AIR INTAKE DUCT RH	1	35	
- 39	8-77585-87	. . DUCT ASSY, ENGINE AIR INTAKE WELDED LH	1	35	
	8-77585-88	. . DUCT ASSY, ENGINE AIR INTAKE WELDED RH	1	35	

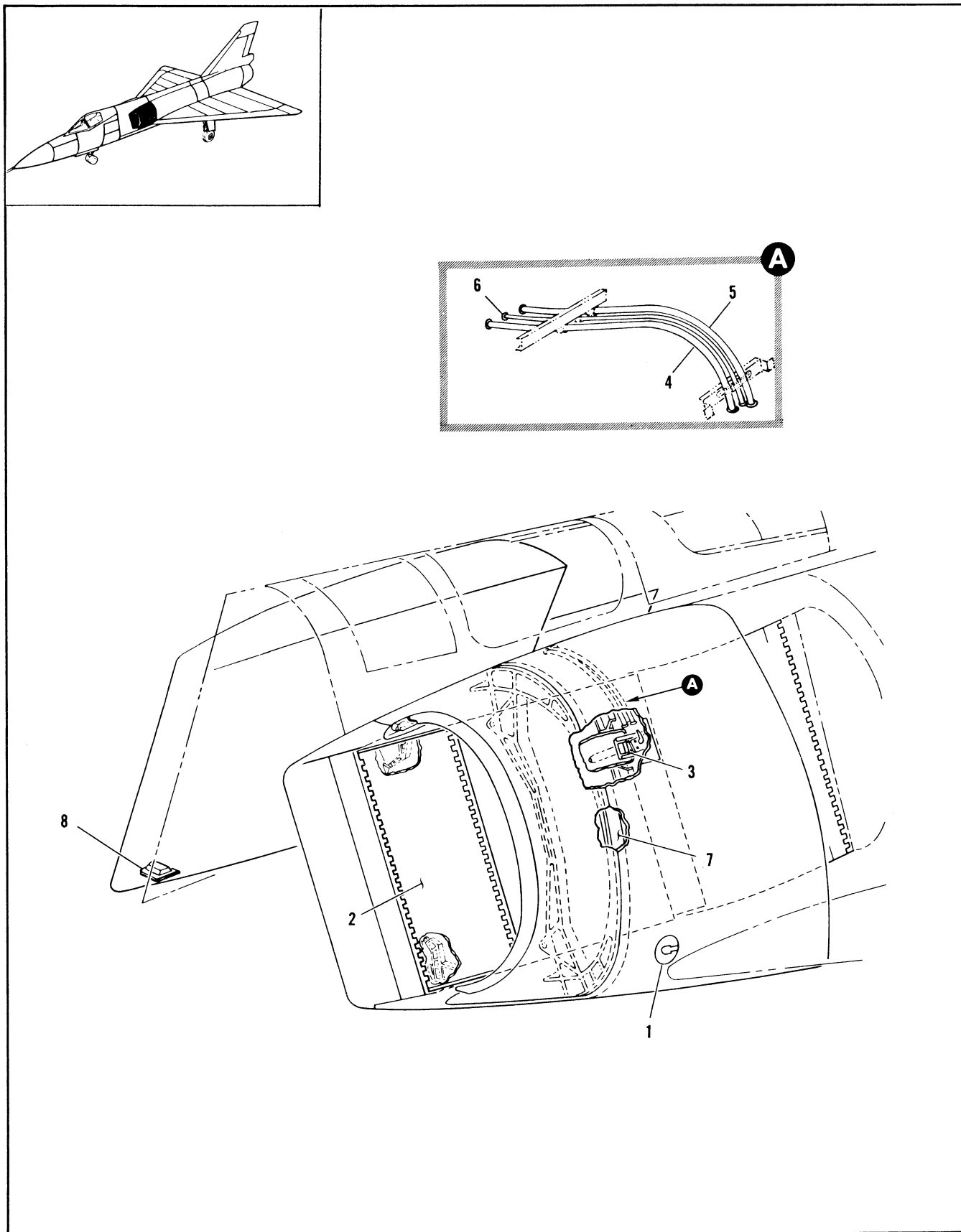


Figure 2.11-4. Engine Air Intake Duct Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.11-4	8-77586-1	DUCT INSTALLATION, ENGINE AIR INTAKE LH FOR NHA SEE FIG. 2.3-13	RF	35	
	8-77586-2	DUCT INSTALLATION, ENGINE AIR INTAKE RH FOR NHA SEE FIG. 2.3-13	RF	35	
- 1	8-94153-805	• DOOR AND CABLE INSTL, CANOPY JETTISON CONTROL FOR BREAKDOWN SEE FIG. 2.4-9	1	35	
- 2	8-74568-5	• RAMP INSTL, VARIABLE AIR INTAKE DUCT LH FOR BREAKDOWN SEE FIG. 2.11-6	1	35	35
	8-74568-801	• RAMP INSTL, VARIABLE AIR INTAKE DUCT LH FOR BREAKDOWN SEE FIG. 2.11-6	1	36	
	8-74568-6	• RAMP INSTL, VARIABLE AIR INTAKE DUCT RH FOR BREAKDOWN SEE FIG. 2.11-6	1	35	35
	8-74568-802	• RAMP INSTL, VARIABLE AIR INTAKE DUCT RH FOR BREAKDOWN SEE FIG. 2.11-6	1	36	
- 3	8-92947-801	• MOUNT INST, PITOT STATIC TUBE LH FOR BREAKDOWN SEE FIG. 2.11-2	1	35	
	8-92947-802	• MOUNT INSTL, PITOT STATIC TUBE RH FOR BREAKDOWN SEE FIG. 2.11-2	1	35	
	8-92948-3	• CONDUIT INSTL, PITOT AND STATIC TUBE LH	1	35	
	8-92948-4	• CONDUIT INSTL, PITOT AND STATIC TUBE	1	35	
- 4	8-92948-31	• • CONDUIT, PITOT	1	35	
- 5	8-92948-33	• • CONDUIT, PITOT	1	35	
- 6	8-92948-35	• • CONDUIT, PITOT	1	35	
- 7	8-77567-1	• ADAPTER INSTL, DUCT STA 281 LH FOR BREAKDOWN SEE FIG. 2.11-5	1	35	
		• ADAPTER INSTL, DUCT STA 281 RH FOR BREAKDOWN SEE FIG. 2.11-5	1	35	
- 8	8-77590-1	• SUPPORT INSTL, REFUEL DOOR STA 312 RH FOR BREAKDOWN SEE FIG. 2.2-7	1	35	

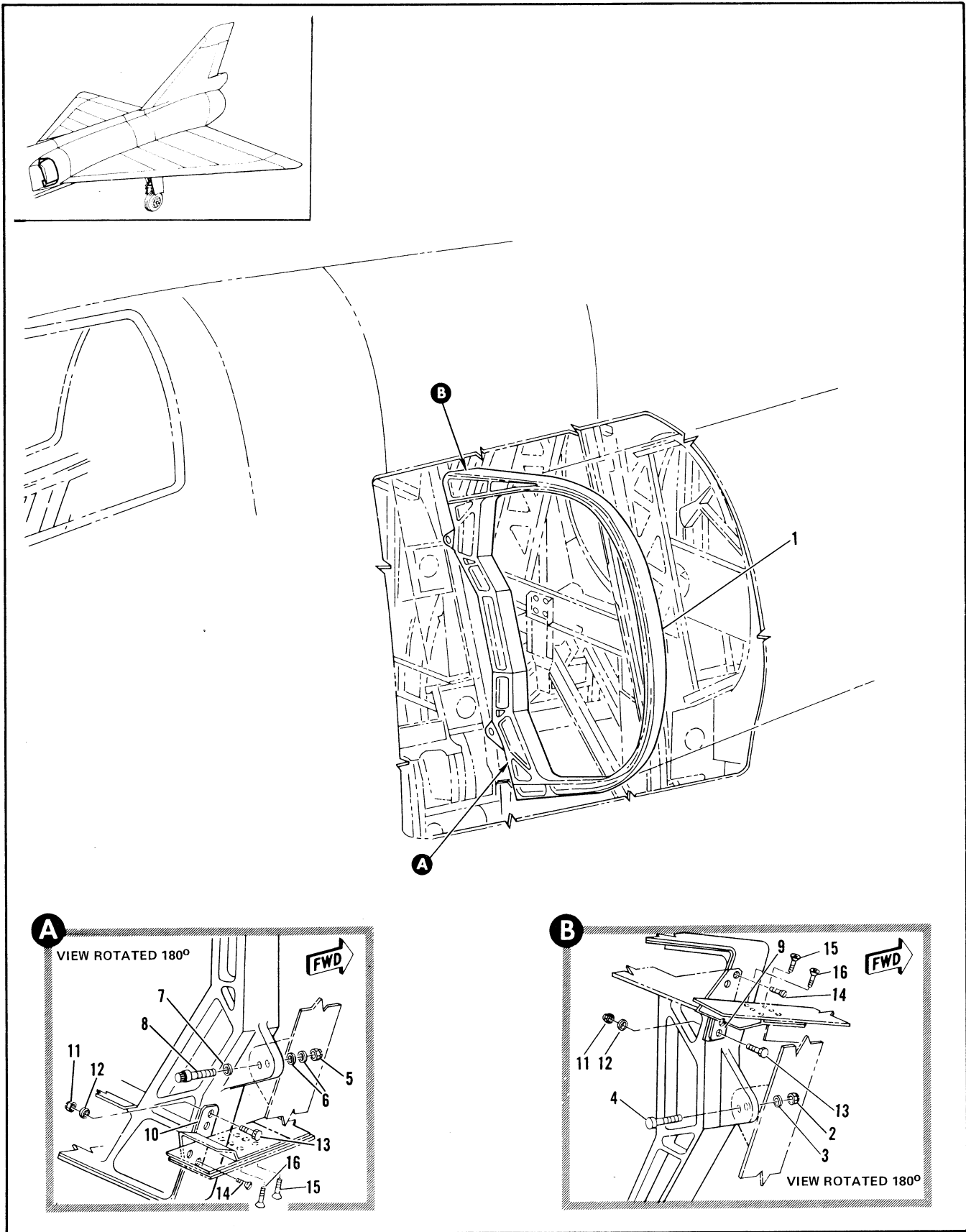


Figure 2.11-5. Air Intake Duct Adapter Installation Sta 280

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.11-5	8-77567-1	ADAPTER INSTALLATION, AIR INTAKE DUCT STA 281 LH FOR NHA SEE FIG. 2.11-4	RF	35	
	8-77567-2	ADAPTER INSTALLATION, AIR INTAKE DUCT STA 281 RH FOR NHA SEE FIG. 2.11-4	RF	35	
	NAS679A3	• NUT	AR	35	
	AN509-10R10	• SCREW	AR	35	
	AN509-10R11	• SCREW	AR	35	114
	AN509-10R12	• SCREW	AR	35	
	AN509-10R14	• SCREW	AR	35	
	AN509-10R15	• SCREW	AR	35	
	AN509-10R16	• SCREW	AR	35	
	AN509-10R17	• SCREW	AR	35	
	AN509-10R18	• SCREW	AR	35	
	AN509-10R19	• SCREW	AR	35	
- 1	8-77568-7	• ADAPTER LH, MAKE FROM 8-77569	1	35	
	8-77568-8	• ADAPTER RH, MAKE FROM 8-77569	1	35	
	8-77569	• ADAPTER	RF		
		ATTACHING PARTS			
- 2	AN320-7	• NUT, UPPER	1	35	
- 3	AN960-716	• WASHER, UPPER	1	35	
- 4	NAS464-7-16	• BOLT, UPPER	1	35	
- 5	EWN22-7	• NUT, <56878> 96-37580-004 LOWER	1	35	
- 6	AN960C716L	• WASHER, LOWER	2	35	
- 7	MS23032C7	• WASHER, LOWER	1	35	
- 8	EWB22-7-25	• BOLT, <56878> 90-82024-042 LOWER	1	35	60
	8-78528	• BOLT, LOWER	1	61	
		-----X-----			
- 9	8-74587-15	• TEE, UPPER LH	1	35	
	8-74587-16	• TEE, UPPER RH	1	35	
- 10	8-74587-13	• TEE, LOWER LH	1	35	
	8-74587-14	• TEE, LOWER RH	1	35	
		ATTACHING PARTS			
- 11	AN310-3	• NUT	4	35	
- 12	AN960PD10	• WASHER	4	35	
- 13	AN3-10	• BOLT	4	35	
- 14	AN509-10R13	• SCREW	4	35	
- 15	AN509-10R11	• SCREW	6	35	
- 16	AN509-10R10	• SCREW	6	35	
		-----X-----			

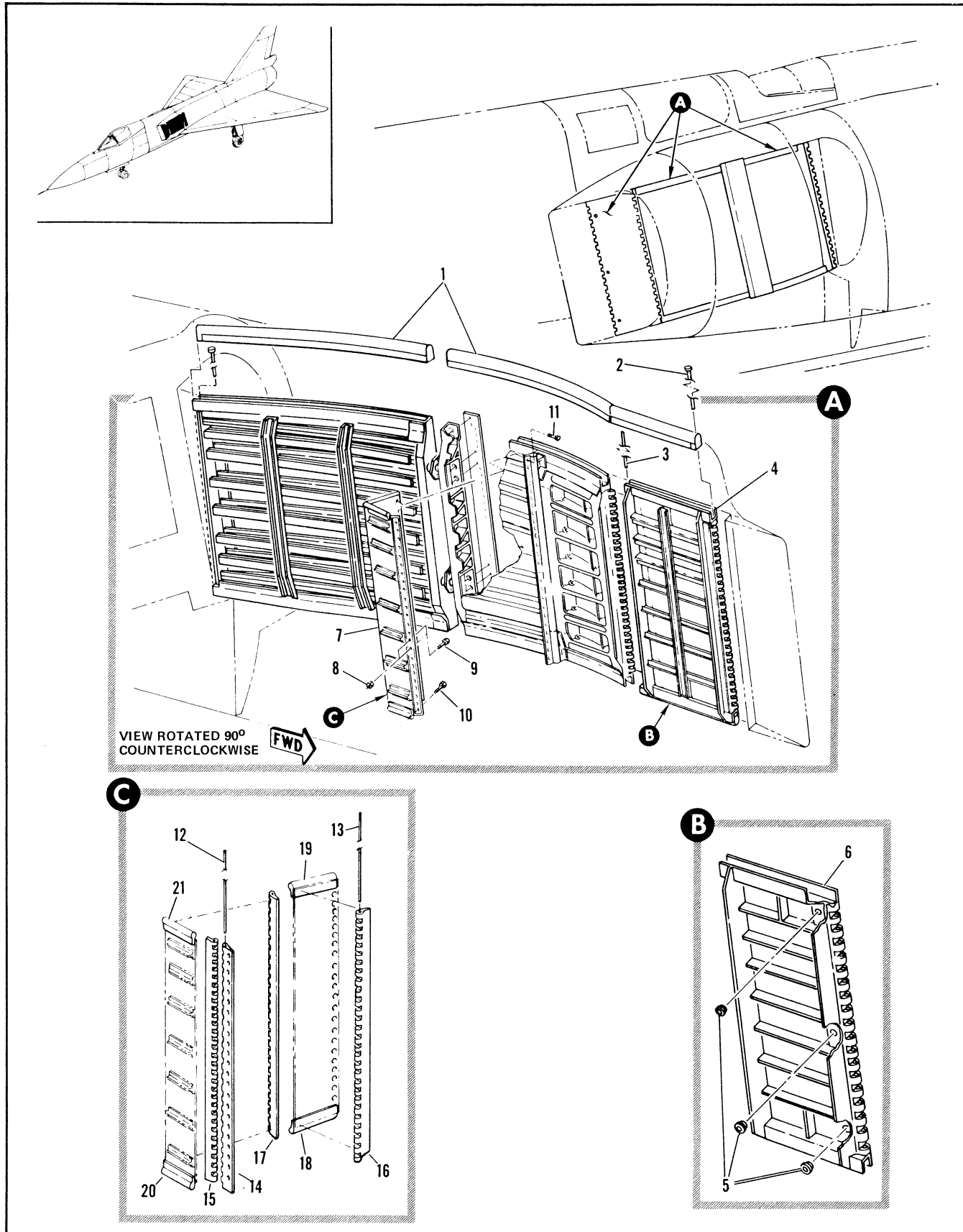


Figure 2.11-6. Variable Air Intake Duct Ramp Installation (Sheet 1 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.11-6	8-74568-5	RAMP INSTALLATION, VARIABLE AIR INTAKE DUCT LH FOR NHA SEE FIG. 2.11-4	RF	35	35
	8-74568-801	RAMP INSTALLATION, VARIABLE AIR INTAKE DUCT LH FOR NHA SEE FIG. 2.11-4	RF	36	
	8-74568-6	RAMP INSTALLATION, VARIABLE AIR INTAKE DUCT RH FOR NHA SEE FIG. 2.11-4	RF	35	35
	8-74568-802	RAMP INSTALLATION, VARIABLE AIR INTAKE DUCT RH FOR NHA SEE FIG. 2.11-4	RF	36	
- 1	8-77504-3	• SEAL INSTL, VARIABLE AIR RAMP LH FOR BREAKDOWN SEE FIG. 2.11-7	1	35	
	8-77504-4	• SEAL INSTL, VARIABLE AIR RAMP RH FOR BREAKDOWN SEE FIG. 2.11-7	1	35	
- 2	8-74599-7	• PIN, RAMP PANEL HINGE FWD	1	35	
- 3	8-74599-9	• PIN, RAMP PANEL HINGE INTERMEDIATE	1	35	
- 4	8-78509-1	• RAMP ASSY, VARIABLE AIR FWD LH RIVETED	1	35	
	8-78509-2	• RAMP ASSY, VARIABLE AIR FWD RH RIVETED	1	35	
	8-74586-3	• PANEL ASSY, LH	1	35	
	8-74586-4	• PANEL ASSY, RH	1	35	
- 5	91-26004-001	• BUSHING	3	35	
- 6	8-74586-9	• PANEL, LH	1	35	60
	8-74586-11	• PANEL, LH	1	61	
	8-74586-10	• PANEL, RH	1	35	60
	8-74586-12	• PANEL, RH	1	61	
- 7	8-78703-1	• SEAL ASSY, VARIABLE AIR RAMP LH	1	35	240
	8-78703-3	• SEAL ASSY, VARIABLE AIR RAMP LH	1	241	
	8-78703-2	• SEAL ASSY, VARIABLE AIR RAMP RH	1	35	240
	8-78703-4	• SEAL ASSY, VARIABLE AIR RAMP RH	1	241	
		ATTACHING PARTS			
- 8	AN310-4	• NUT	2	35	
- 9	AN4-10	• BOLT	2	35	
- 10	AN3HCA	• BOLT	22	35	
- 11	AN3H5A	• BOLT	23	35	
		-----X-----			
- 12	AN253-4-3418	• FIN	1	35	
- 13	AN253-2-3418	• PIN	1	35	
- 14	8-78703-43	• HINGE, HALF LH	1	35	
	8-78703-44	• HINGE, HALF RH	1	35	
- 15	8-78703-41	• HINGE, HALF LH	1	35	
	8-78703-42	• HINGE, HALF RH	1	35	
- 16	8-78703-21	• HINGE, HALF	1	35	
- 17	8-78703-23	• HINGE, HALF	1	35	
	8-78703-7	• PANEL ASSY, VARIABLE AIR RAMP SEAL	1	35	240
	8-78703-49	• PANEL ASSY, VARIABLE AIR RAMP SEAL	1	241	
	8-78703-9	• PANEL ASSY, VARIABLE AIR RAMP SEAL	1	35	
- 18	8-78703-31	• SEAL, VARIABLE AIR RAMP PANEL LOWER	1	35	
- 19	8-78703-32	• SEAL, VARIABLE AIR RAMP PANEL	1	35	
- 20	8-78703-33	• SEAL, VARIABLE AIR RAMP PANEL LOWER	1	35	
- 21	8-78703-34	• SEAL, VARIABLE AIR RAMP PANEL UPPER	1	35	

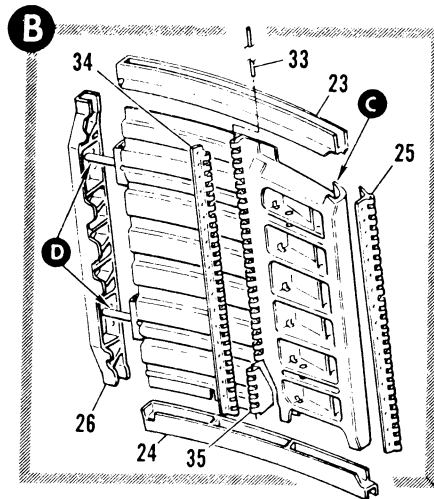
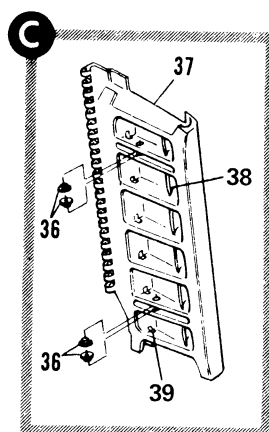
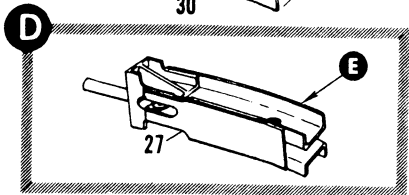
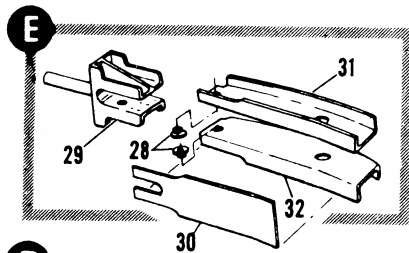
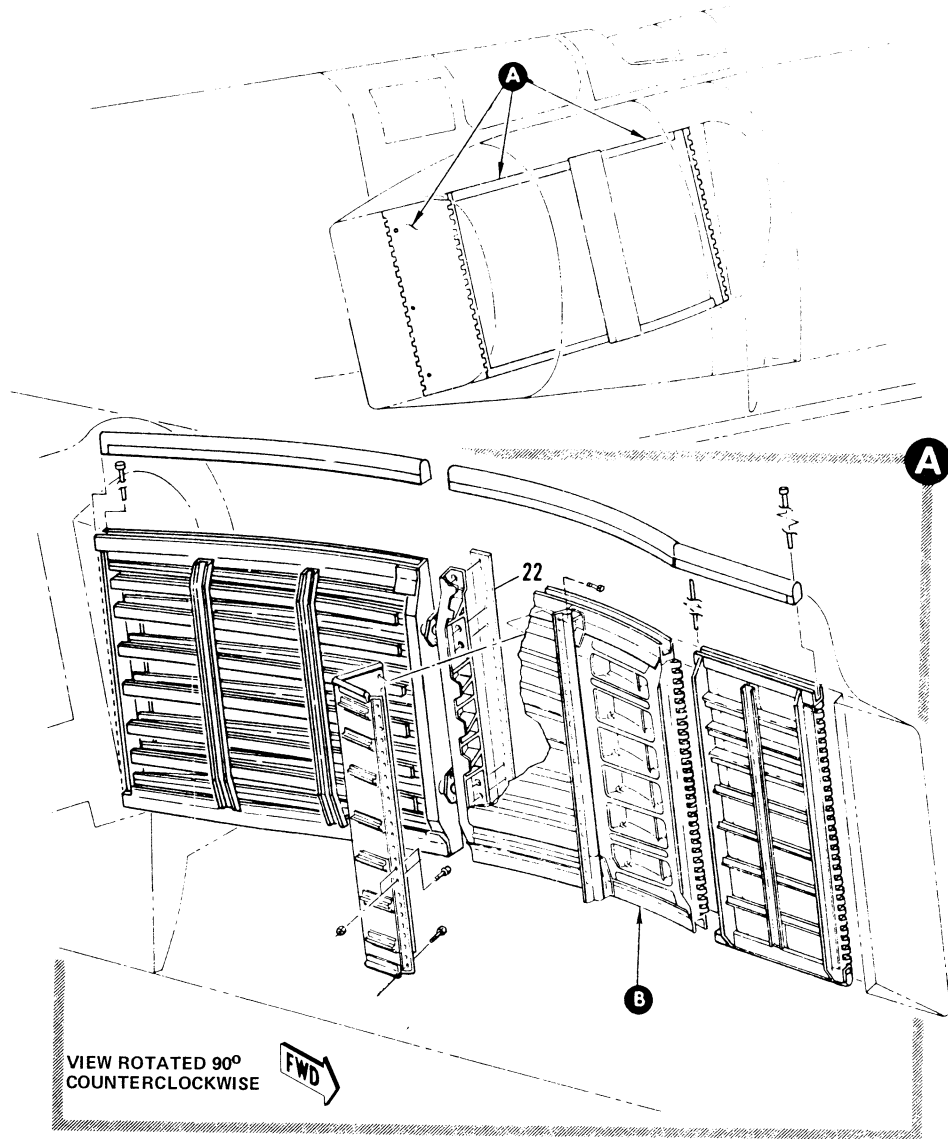


Figure 2.11-6. Variable Air Intake Duct Ramp Installation (Sheet 2 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.11-6	8-78501-3	• PANEL ASSY, VARIABLE AIR RAMP INTERMEDIATE	1	35	
	8-78501-805	• PANEL ASSY, VARIABLE AIR RAMP INTERMEDIATE ALT INTCHG WITH 8-78501-3	RF	35	
- 22	8-74593-13	• • SPRING, SLIP JOINT SEAL	1	35	
- 23	8-74590-13	• • ADAPTER, RAMP BORDER LOWER LH UPPER RH	1	35	
- 24	8-74590-14	• • ADAPTER, RAMP BORDER UPPER LH LOWER RH	1	35	
- 25	8-78503	• • HINGE, RAMP INTERMEDIATE	1	35	
- 26	8-77515-7	• • FITTING, RAMP EDGE INTERMEDIATE SLIP JOINT MAKE FROM 8-77515	1	35	
	8-77515	• • FITTING	RF		
	8-74594-9	• • FITTING, RAMP EDGE INTERMEDIATE SLIP JOINT ALT INTCHG WITH 8-77515-7	RF	35	
	8-78501-77	• • PANEL ASSY, VARIABLE AIR RAMP INTERMEDIATE	1	35	
- 27	8-78501-79	• • • BEAM ASSY, VARIABLE AIR RAMP INTERMEDIATE PANEL	2	35	
- 28	8-74547-13	• • • • BUSHING	2	35	
- 29	8-77517-7	• • • • ADAPTER, VARIABLE AIR RAMP SLIP JOINT REPLACED BY SUITABLE SUB 8-77517-1	1	35	60
	8-74591	• • • • ADAPTER, VARIABLE AIR RAMP SLIP JOINT ALT INTCHG WITH 8-77517-7	RF	35	60
	8-77517-1	• • • • ADAPTER, VARIABLE AIR RAMP SLIP JOINT REPLACES SUITABLE SUB FOR 8-77517-7	1	61	
	8-74591-1	• • • • ADAPTER, VARIABLE AIR RAMP SLIP JOINT ALT INTCHG WITH 8-77517-1	RF	61	
- 30	8-78501-21	• • • • STRAP	1	35	
- 31	8-78501-11	• • • • BEAM, VARIABLE AIR RAMP INTERMEDIATE PANEL LH	1	35	
- 32	8-78501-12	• • • • BEAM, VARIABLE AIR RAMP INTERMEDIATE PANEL RH	1	35	
- 33	AN253-2-3418	• • PIN	1	35	
- 34	8-78501-47	• • HINGE, HALF	1	35	
- 35	8-78501-45	• • HINGE, HALF LH	1	35	
	8-78501-46	• • HINGE, HALF RH	1	35	
	8-78502-1	• • FITTING ASSY, VARIABLE AIR RAMP INTERMEDIATE	1	35	
- 36	8-78547-15	• • • BUSHING, RAMP ACTUATOR ADAPTER	4	35	
- 37	8-78502-9	• • • FITTING	1	35	
- 38	8-78501-93	• • • • FAIRING FWD	1		
- 39	8-78501-117	• • • • FAIRING AFT	1		

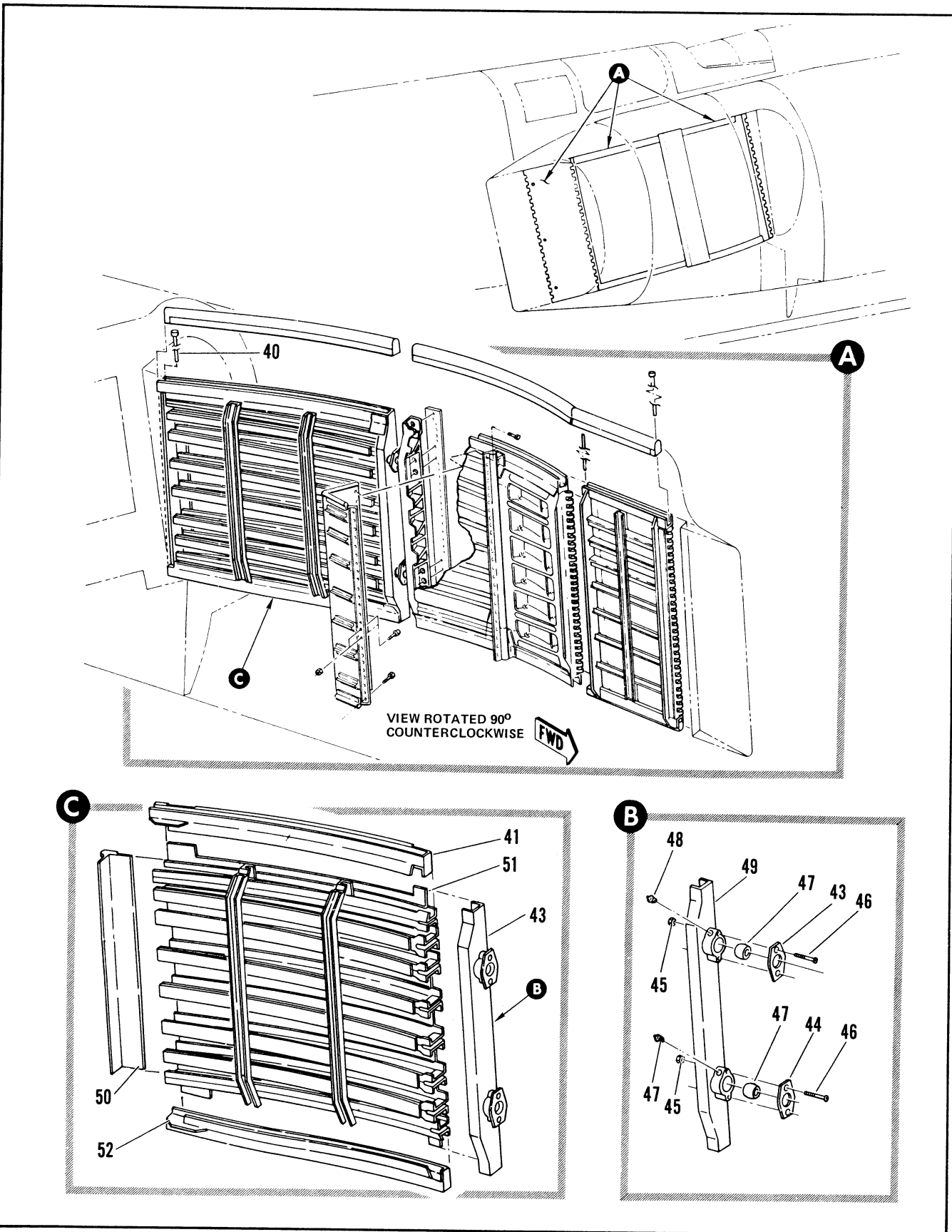


Figure 2.11-6. Variable Air Intake Duct Ramp Installation (Sheet 3 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.11-6- 40	8-74599-11	• PIN, RAMP PANEL HINGE AFT	1	35	
	8-74571-5	• RAMP ASSY, VARIABLE AIR AFT LH MODIFIED BY 8-71127 REPLACED BY NOT INTCHG WITH 8-74571-3	1	35	35
	8-74571-3	• RAMP ASSY, VARIABLE AIR AFT LH REPLACES NOT INTCHG WITH 8-7457-5	1	36	
	8-74571-6	• RAMP ASSY, VARIABLE AIR AFT RH MODIFIED BY 8-71127 REPLACED NOT INTCHG WITH 8-7457-4	1	35	35
	8-74571-4	• RAMP ASSY, VARIABLE AIR AFT RH REPLACES NOT INTCHG WITH 8-74571-6	1	35	
- 41	8-74596-9	• • ADAPTER, RAMP BORDER UPPER LH	1	35	
	8-74596-10	• • ADAPTER, RAMP BORDER UPPER RH	1	35	
- 42	8-74589-9	• • ADAPTER, RAMP BORDER LOWER LH	1	35	
	8-74589-10	• • ADAPTER, RAMP BORDER LOWER RH	1	35	
- 43	8-77514-1	• • POST ASSY, RAMP EDGE SLIP JOINT AFT LH	1	35	89
	8-77514-3	• • POST ASSY, RAMP EDGE SLIP JOINT AFT LH	1	90	
	8-74595-1	• • POST ASSY, RAMP EDGE SLIP JOINT AFT LH ALT INTCHG WITH 8-77514-1 AND 8-77514-3	RF	35	
	8-77514-2	• • POST ASSY, RAMP EDGE SLIP JOINT AFT RH	1	35	89
	8-77514-4	• • POST ASSY, RAMP EDGE SLIP JOINT AFT RH	1	90	
	8-74595-2	• • POST ASSY, RAMP EDGE SLIP JOINT AFT RH ALT INTCHG WITH 8-77514-2 AND 8-77514-4	RF	35	
- 44	8-77514-9	• • • COVER, SLIP JOINT BEARING	2	35	
	8-77595-9	• • • COVER, SLIP JOINT BEARING ALT INTCHG WITH 8-77514-9	RF	35	
		ATTACHING PARTS			
- 45	AN310-3	• • • NUT	4	35	
- 46	NAS333P13-5	• • • BOLT -----X-----	4	35	
- 47	KS16-2	• • • BEARING, <97613> 97-60009-169	2	35	
- 48	MS15001-1	• • • FITTING	2	35	
- 49	8-77514-7	• • • POST, LH MAKE FROM 8-77514	1	35	89
	8-74595-7	• • • POST, LH USE WITH 8-74595-1	RF	35	
	8-77514-8	• • • POST, RH MAKE FROM 8-77514	1	35	89
	8-74595-8	• • • POST, RH USE WITH 8-74595-2	RF	35	
	8-77514-13	• • • POST, LH MAKE FROM 8-77514	1	90	
	8-77514-14	• • • POST, RH MAKE FROM 8-77514	1	90	
	8-77514	• • • POST	RF	35	
- 50	8-74598-7	• • HINGE, RAMP AFT LH	1	278	
	8-74598-8	• • HINGE, RAMP AFT RH	1	278	
- 51	8-74571-63	• • BEAM ASSY, LH RIVETED	1	35	35
	8-74571-93	• • BEAM ASSY, LH METALBONDED	1	A	
	8-74571-97	• • BEAM ASSY, LH METALBONDED	1	61	89
	8-74571-64	• • BEAM ASSY, RH RIVETED	1	35	
	8-74571-94	• • BEAM ASSY, RH METALBONDED	1	A	
	8-74571-98	• • BEAM ASSY, RH METALBONDED	1	61	89

A AIRPLANES #36 THRU 60, 90 AND ON

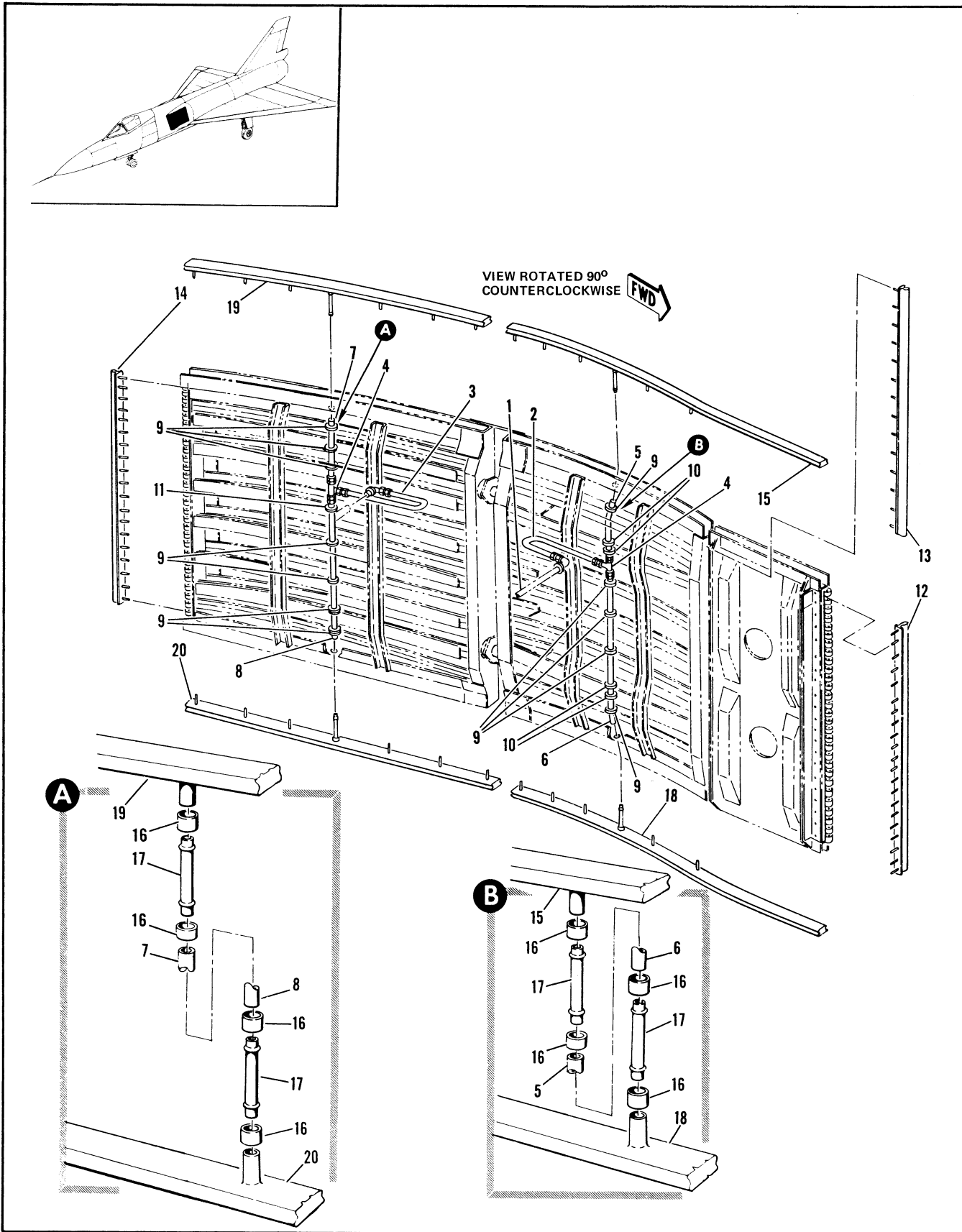


Figure 2.11-7. Variable Air Ramp Seal Installation

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.11-7	8-77504-3	SEAL INSTALLATION, VARIABLE AIR RAMP LH FOR NHA SEE FIG. 2.11-6	RF	35	
	8-77504-4	SEAL INSTALLATION, VARIABLE AIR RAMP RH FOR NHA SEE FIG. 2.11-6	RF	35	
- 1	8-77504-23	• TUBE ASSY, LWR SEAL LH SEE FIG. 2.9-6	RF	35	
- 2	8-77504-11	• HOSE ASSY, VARIABLE AIR RAMP SEAL FWD	1	35	
	MS27404-4	• HOSE	1	35	
- 3	8-77504-29	• ADAPTER, <79470> 90-04950-002	1	35	
	8-77504-17	• HOSE ASSY, VARIABLE AIR RAMP SEAL AFT	1	35	
	MS27404-4	• HOSE	1	35	
- 4	MS21905D4	• ADAPTER, <79470> 90-04950-002	2	35	
- 5	8-77504-19	• TEE	1	35	
	8-77504-7	• HOSE ASSY, VARIABLE AIR RAMP SEAL	1	35	
	MS27404-4	• HOSE	1	35	
- 6	8-77504-21	• ADAPTER, <79470> 90-04950-002	1	35	
	8-77504-9	• HOSE ASSY, VARIABLE AIR RAMP SEAL	1	35	
	MS27404-4	• HOSE	1	35	
- 7	8-77504-25	• ADAPTER, <79470> 90-04950-002	1	35	
	8-77504-13	• HOSE ASSY, VARIABLE AIR RAMP SEAL	1	35	
	MS27404-4	• HOSE	1	35	
- 8	8-77504-27	• ADAPTER, <79470> 90-04950-002	1	35	
	8-77504-15	• HOSE ASSY, VARIABLE AIR RAMP SEAL	1	35	
	MS27404-4	• HOSE	1	35	
- 9	A1931A8-13	• ADAPTER, <79470> 90-04950-002	12	35	
- 10	AN931-8-13	• GROMMET	4	35	
- 11	AN931A10-14	• GROMMET	1	35	
- 12	8-74555-19	• GROMMET	1	35	
- 13	8-74555-15	• SEAL, RAMP HINGE FWD	1	35	
- 14	8-74555-17	• SEAL, RAMP HINGE INTERMEDIATE	1	35	
- 15	4763-19	• SEAL, RAMP HINGE AFT	1	35	43
		• SEAL, RAMP EDGE UPPER FWD LH <71643> SPEC 8-07330-19 REPLACED BY SUITABLE SUB 4763-23	1	44	
	4763-23	• SEAL, RAMP EDGE UPPER FWD LH <71643> SPEC 8-07330-23 REPLACES SUITABLE SUB FOR 4763-19	1	35	43
	4763-20	• SEAL, RAMP EDGE UPPER FWD RH <71643> SPEC 8-07330-20 REPLACED BY SUITABLE SUB 4763-24	1	44	
	4763-24	• SEAL, RAMP EDGE UPPER FWD RH <71643> SPEC 8-07330-24 REPLACES SUITABLE SUB FOR 4763-20	8	35	
- 16	AN737TW22	• CLAMP	4	35	60
- 17	8-77504-31	• TUBE	RF	35	60
	8-77504-713	• TUBE, ALT INTCHG WITH 8-77504-31	4	61	
	8-77504-55	• TUBE	1	35	43
- 18	4763-20	• SEAL, RAMP EDGE LOWER FWD LH <71643> SPEC 8-07330-20 REPLACED BY SUITABLE SUB 4763-24	1	35	43
	4763-19	• SEAL, RAMP EDGE LOWER FWD RH <71643> SPEC 8-07330-19 REPLACED BY SUITABLE SUB 4763-23	1	35	
- 19	4763-15	• SEAL, RAMP EDGE UPPER AFT LH <71643> SPEC 8-07330-15	1	35	
	4763-16	• SEAL, RAMP EDGE UPPER AFT RH <71643> SPEC 8-07330-16	1	35	
- 20	4763-17	• SEAL, RAMP EDGE LOWER AFT LH <71643> SPEC 8-07330-17	1	35	
	4763-18	• SEAL, RAMP EDGE LOWER AFT RH <71643> SPEC 8-07330-18	1	35	

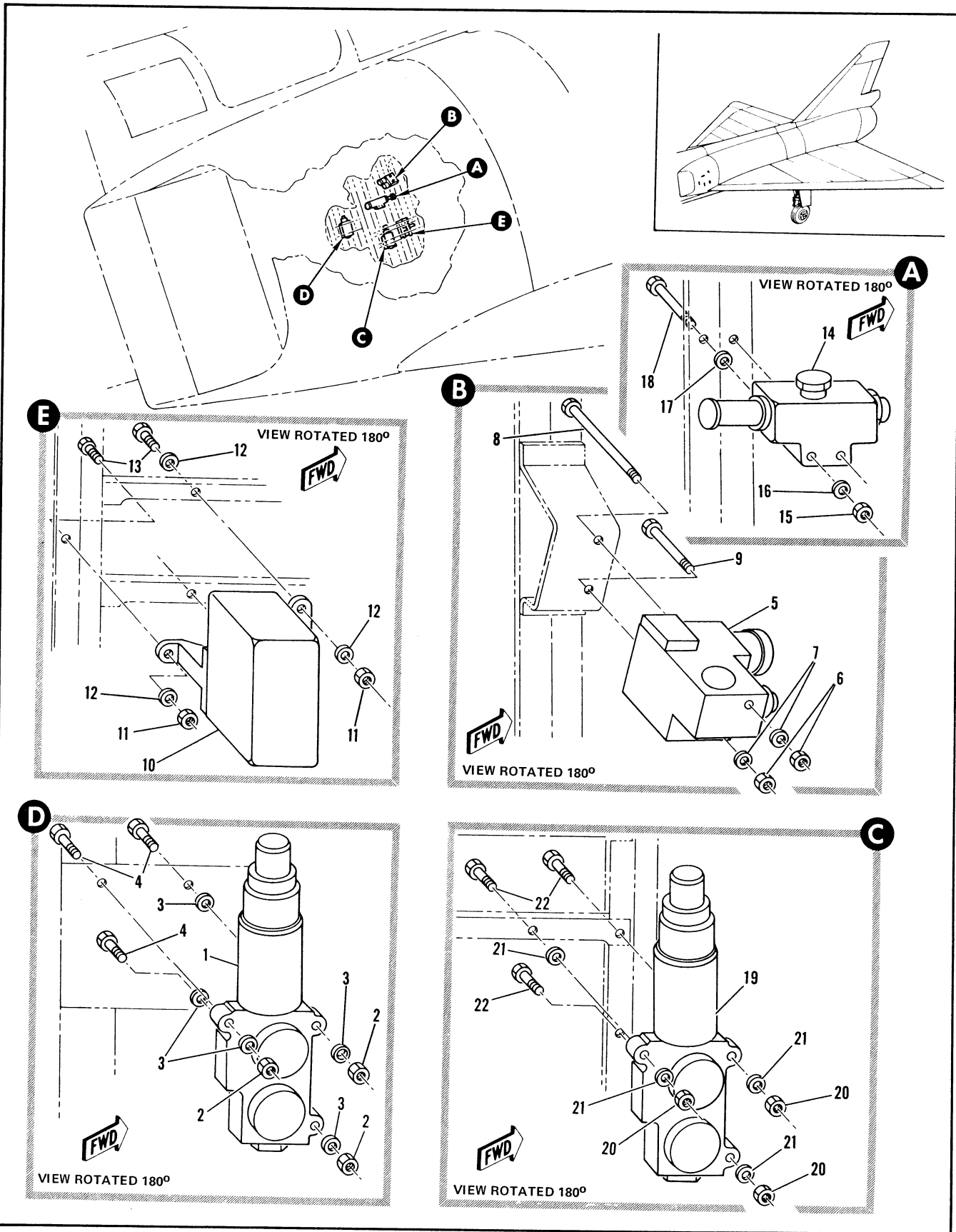


Figure 2.11-8. Variable Air Ramp Intake Duct Hydraulic Valve Installation Sta 287 to 294

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.11-8	8-81316-3	VALVE INSTALLATION, VARIABLE AIR RAMP INTAKE DUCT HYDRAULIC STA 287 TO 294 FOR NHA SEE FIG. 2.3-3	RF	35	
	8-81316-5	VALVE INSTALLATION, VARIABLE AIR RAMP INTAKE DUCT HYDRAULIC STA 301 TO 308 FOR NHA SEE FIG. 2.3-3	RF	35	
- 1	MC1766-1	• VALVE, HYDRAULIC BYPASS STA 287 TO 294 <76050> SPEC 8-00991-1 T.O. 9H8-11-33-3 ATTACHING PARTS	1	35	
- 2	NAS679A3	• NUT	3	35	
- 3	AN960D10	• WASHER	5	35	
- 4	AN3-5A	• BOLT	3	35	
		-----X-----			
- 5	52449-61	• VALVE ASSY, HYDRAULIC SHUTOFF STA 308 <00502> SPEC 8-00389-5 T.O. 9H8-14-99-53 ATTACHING PARTS	1	35	
- 6	NAS679A3	• NUT	2	35	
- 7	AN960D10	• WASHER	2	35	
- 8	AN3-24A	• BOLT	1	35	
- 9	AN3-14A	• BOLT	1	35	
		-----X-----			
- 10	FC2-173	• VALVE ASSY, VARIABLE AIR RAMP SERVO CONTROL <10237> SPEC 8-00367-1 T.O. 9H8-14-198-4 REPLACED BY SUITABLE SUB FC2-173A	1	35	89
	FC2-73	• VALVE ASSY, SERVO CONTROL <10237> SPEC 8-00367 ALT INTCHG WITH FC2-173 T.O. 9H8-14-198-4	RF	35	89
	FC2-173A	• VALVE ASSY, VARIABLE AIR RAMP SERVO CONTROL <10237> SPEC 8-00367-5 T.O. 9H8-14-198-4 REPLACES SUITABLE SUB FOR FC2-173	1	90	
	FC2-73A	• VALVE ASSY, VARIABLE AIR RAMP SERVO CONTROL <10237> SPEC 8-00367-3 T.O. 9H8-14-198-4 ALT INTCHG WITH FC2-173A ATTACHING PARTS	RF	90	
	22206570	• VALVE ASSY, VARIABLE AIR RAMP SERVO CONTROL MODEL 20 (81873) ALT INTCHG WITH FC2-73A	1	35	
	11735	• MANIFOLD, VALVE MOUNTING (10237)	1	35	
	MS35276-270	• BOLT (96906)	2	35	
	MS35276-266	• BOLT (96906)	2	35	
	AN960-10L	• WASHER (88044)	4	35	
	MS21042-3	• NUT (96906)	4	35	
- 11	NAS679A3	• NUT	3	35	
- 12	AN960D10	• WASHER	5	35	
- 13	AN3-5A	• BOLT	3	35	
		-----X-----			
- 14	HP521100	• VALVE ASSY, SHUTTLE STA 301 <84685> SPEC 8-00365 T.O. 9H8-5-47-3 ATTACHING PARTS	1	35	
- 15	NAS679A3	• NUT	2	35	
- 16	AN960D10	• WASHER	2	35	
- 17	NAS43DD3-10	• SPACER	2	35	
- 18	AN3-14A	• BOLT	2	35	
		-----X-----			
- 19	MC1766-1	• VALVE, HYDRAULIC BYPASS STA 301 <76050> SPEC 8-00991-1 T.O. 9H8-11-33-3 ATTACHING PARTS	1	35	
- 20	NAS679A3	• NUT	3	35	
- 21	AN960D10	• WASHER	4	35	
- 22	AN3-5A	• BOLT	3	35	
		-----X-----			

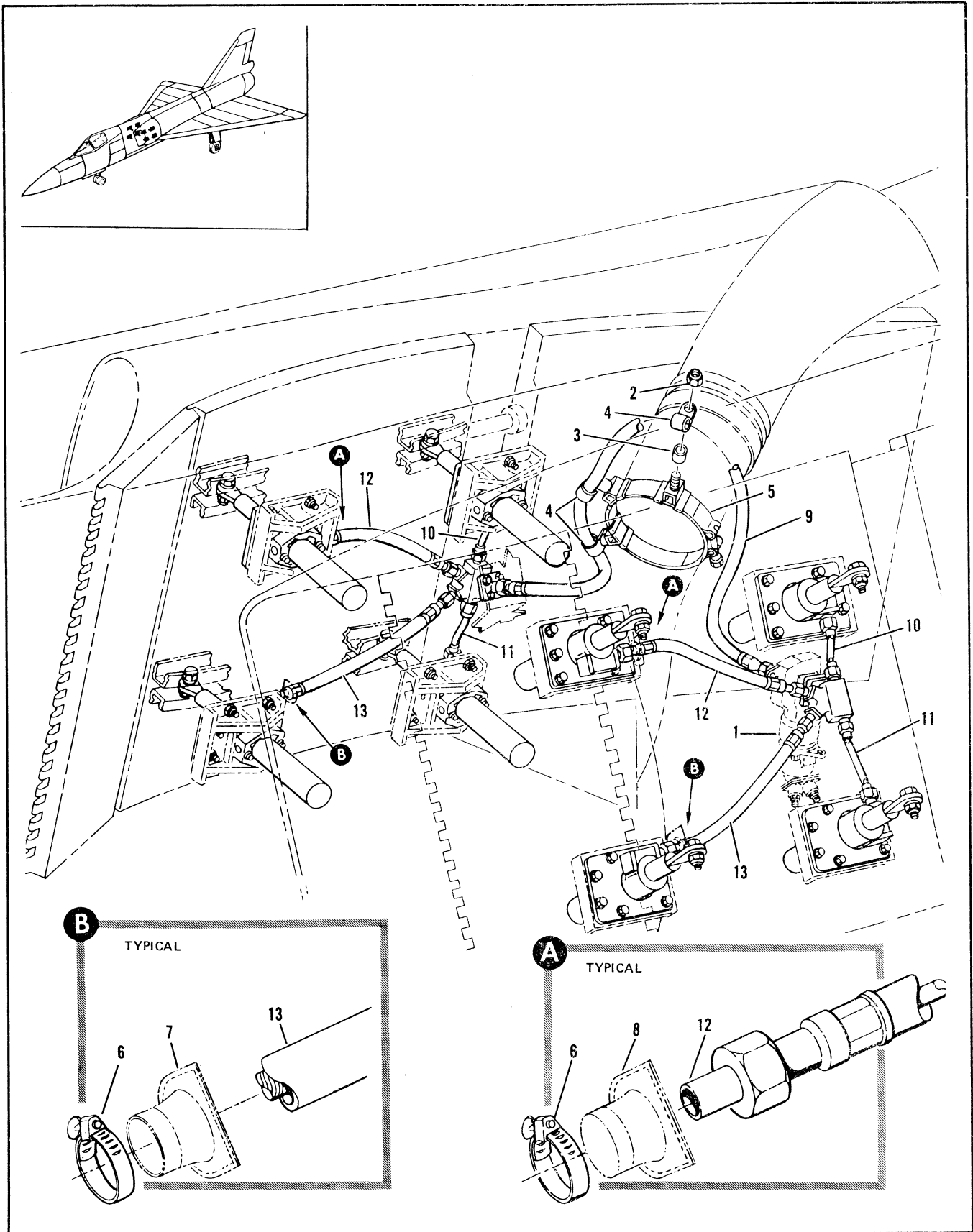


Figure 2.11-9. Variable Air Ramp Screw Jack Installation (Sheet 1 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.11-9	8-45028-3	SCREW JACK INSTALLATION, VARIABLE AIR RAMP LH FOR NHA SEE FIG. 2.3-11	RF	35	
	8-45028-5	SCREW JACK INSTALLATION, VARIABLE AIR RAMP RH FOR NHA SEE FIG. 2.3-11	RF	35	
- 1		• DRIVE UNIT ASSY, VARIABLE AIR RAMP INTAKE DUCT SEE FIG. 2.11-1 INDEX 3	PF		
- 2	NAS679A3	• NUT, RH	3	35	
- 3	NAS43HT3-24	• SPACER, RH	3	35	
- 4	MS21919G12	• CLAMP, RH	3	35	
- 5	900-850-3-7A	• SUPPORT, RH <98625> 98-60004-001	1	35	
- 6	AN737TW38	• CLAMP	2	35	
- 7		• BOOT ASSY, SCREW JACK CURTAIN SEAL SEE FIG. 2.3-13	RF		
- 8		• BOOT ASSY, SCREW JACK CURTAIN SEAL SEE FIG. 2.3-13	RF		
- 9	8-45028-9	• SHAFT ASSY, SCREW JACK RH	1	35	60
	127669-042-16	• • SHAFT ASSY, SCREW JACK FLEXIBLE RH <35351> SPEC 8-04963-17	1	35	60
	127669-042-16	• SHAFT ASSY, SCREW JACK FLEXIBLE RH <35351> SPEC 8-04963-17	1	61	
- 10	121283-01	• SHAFT ASSY, SCREW JACK UNIVERSAL JOINT <35351> SPEC 8-04292-3 REPLACED BY NOT INTCHG WITH 139429-01	1	35	48
	129429-01	• SHAFT ASSY, SCREW JACK UNIVERSAL JOINT <35351> SPEC 8-04964-3 REPLACES NOT INTCHG WITH 121283-01	1	49	
- 11	121284-01	• SHAFT ASSY, SCREW JACK UNIVERSAL JOINT <35351> SPEC 8-04292-5 REPLACED BY NOT INTCHG WITH 129429-02	1	35	48
	129429-02	• SHAFT ASSY, SCREW JACK UNIVERSAL JOINT <35351> SPEC 8-04964-1 REPLACES NOT INTCHG WITH 121284-01	1	49	
- 12	127668-018-24	• SHAFT ASSY, SCREW JACK FLEXIBLE <35351> SPEC 8-04963-19	1	35	
- 13	127668-019-24	• SHAFT ASSY, SCREW JACK FLEXIBLE <35351> SPEC 8-04963-21	1	35	

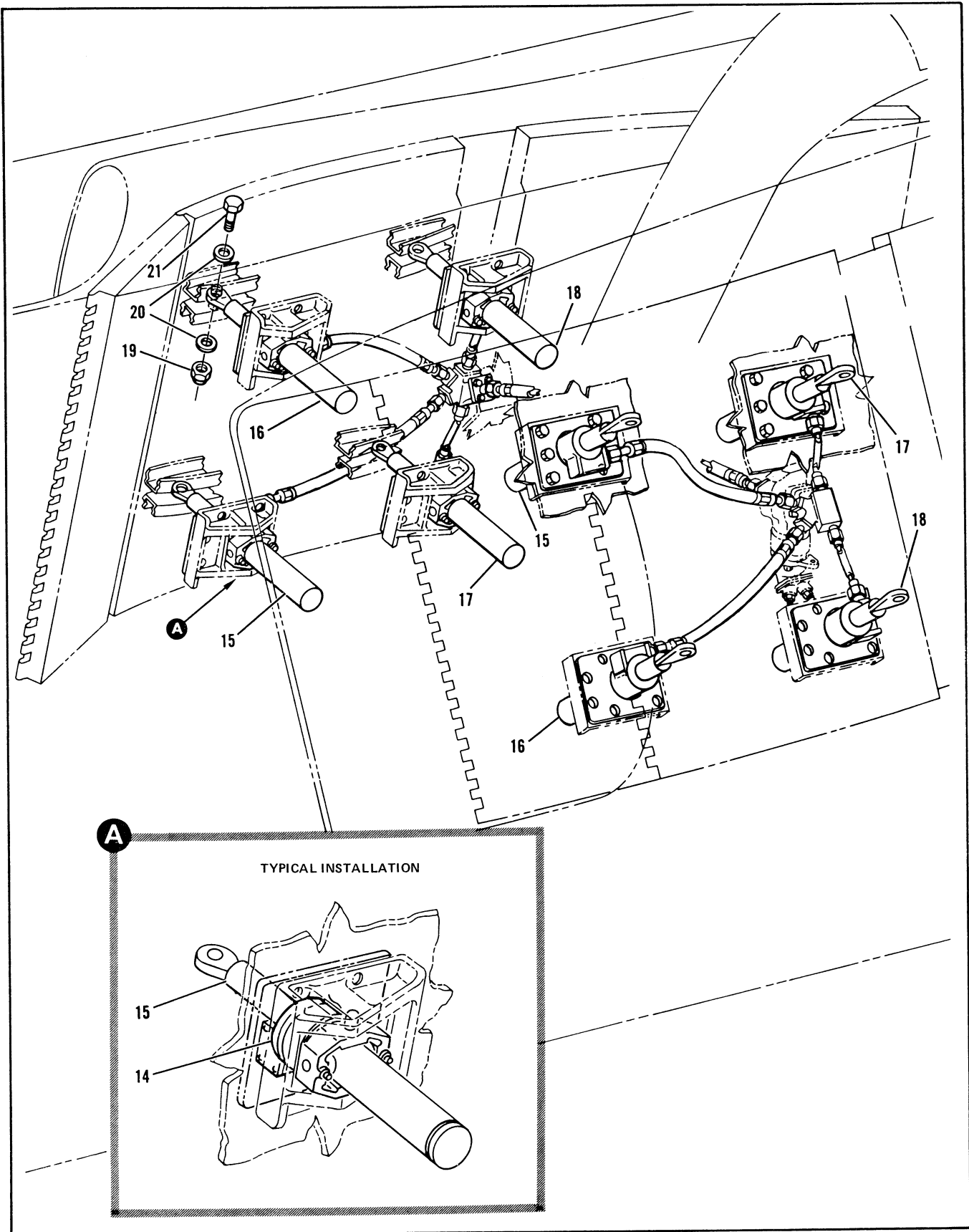


Figure 2.11-9. Variable Air Ramp Screw Jack Installation (Sheet 2 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.11-9- 14	8-45035	• CLAMP ASSY, RIVETED ALTERED FROM NAS397-34 USE WITH 4227 AND 4437 BOOTS	4	35	218
- 15	129342-02	• SCREW JACK ASSY, VARIABLE AIR UPPER LH FWD LOWER RH FWD <35351> SPEC 8-04293-5 T.O. 16G3-2-41-53	2	35	
- 16	129342-01	JACK ASSY, VARIABLE AIR LOWER LH UPPER RH FWD <35351> SPEC 8-04293-6 T.O. 16G3-2-41-53	2	35	
- 17	129500-01	• SCREW JACK ASSY, VARIABLE AIR UPPER LH LOWER RH AFT <35351> SPEC 8-04294-4 T.O. 16G3-2-41-63	2	35	60
	131100-01	REPLACED BY SUITABLE SUB 131100-01	2	61	
- 18	129500-02	• SCREW JACK ASSY, VARIABLE AIR LOWER LH UPPER RH <35351> SPEC 8-0429-3 T.O. 16G3-2-41-63	2	35	60
	131100-02	REPLACED BY SUITABLE SUB 131100-02	2	61	
- 19	AN320-6	• NUT	4	35	
- 20	AN960-616	• WASHER	8	35	
- 21	NAS464-6-14	• BOLT, FWD	2	35	
	NAS464-6-18	• BOLT, AFT	2	35	
		-----X-----			

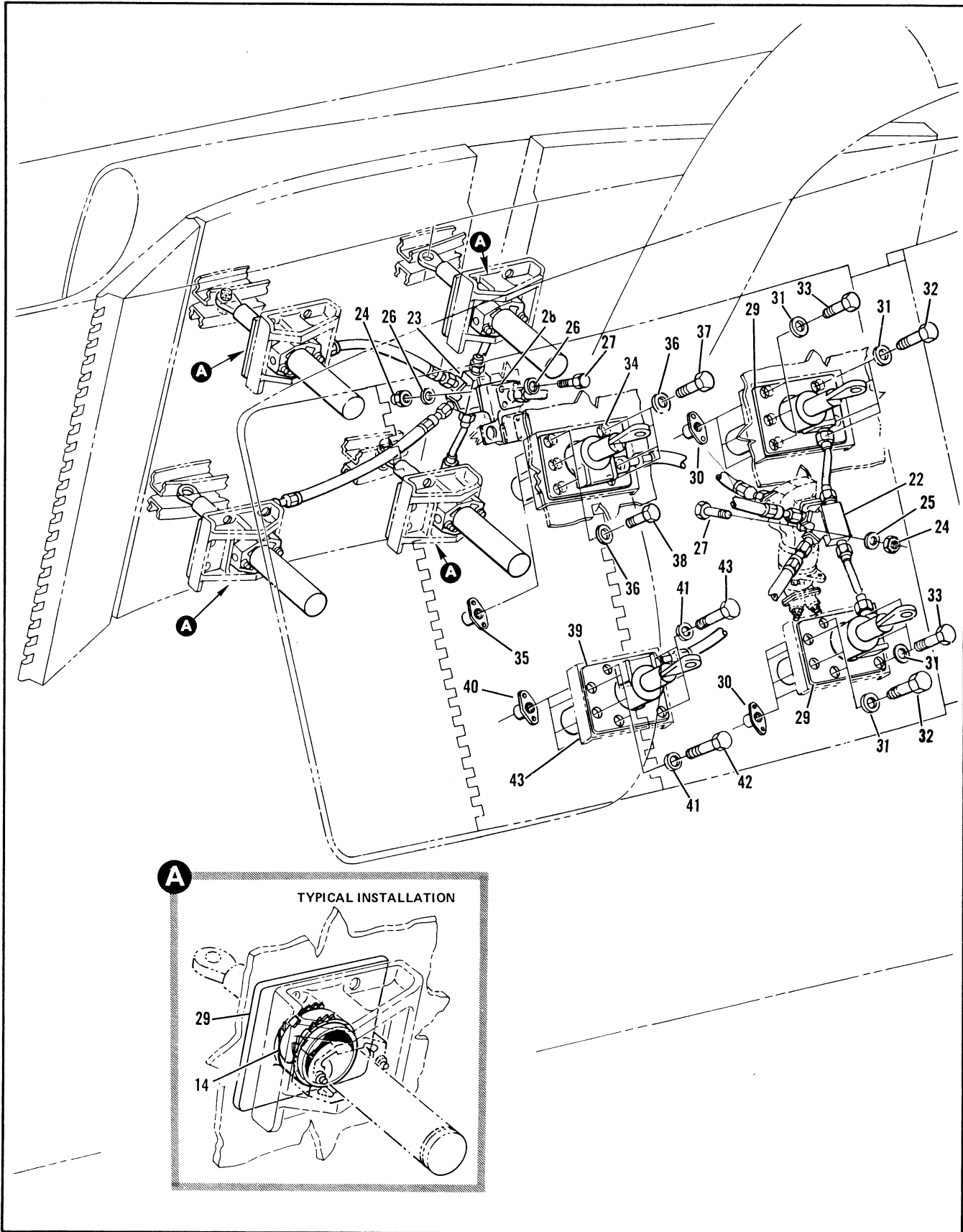


Figure 2.11-9. Variable Air Ramp Screw Jack Installation (Sheet 3 of 3)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
				1	2 3 4 5 6
2.11-9- 22	122196-02	• GEARBOX ASSY, VARIABLE AIR RAMP SCREW JACK LH <35351> SPEC 8-04399-9 T.O. 16G1-73-3	1		35
	118330-04	• GEARBOX ASSY, VARIABLE AIR RAMP SCREW JACK LH <35351> SPEC 8-04399-7 ALT INTCHG WITH 122196-02	RF		35
- 23	122196-01	• GEARBOX ASSY, VARIABLE AIR RAMP SCREW JACK RH <35351> SPEC 8-04399-10 T.O. 16G1-73-3	1		35
	118330-03	• GEARBOX ASSY, VARIABLE AIR RAMP SCREW JACK RH <35351> SPEC 8-04399-8 ALT INTCHG WITH 122196-01 ATTACHING PARTS	RF		35
- 24	AN310-3	• NUT			
- 25	AN960-10	• WASHER, LH	4		35
- 26	AN960-10	• WASHER, RH	8		35
- 27	AN3-25	• BOLT	4		35
- 28	128997-01	• GEARBOX, INLET DUCT RH <35351> SPEC 8-04962-1 T.O. 8D3-19-2-3	1		35
- 29	4227	• BOOT, VARIABLE AIR RAMP SCREW JACK AFT <84914> SPEC 8-04296-1 ATTACHING PARTS	2		35
- 30	NAS686A3	• NUTPLATE	14		35
- 31	AN960-10	• WASHER	14		35
- 32	AN3H5A	• BOLT	8		35
- 33	AN3H6A	• BOLT	6		35
- 34	4227	• BOOT, VARIABLE AIR RAMP SCREW JACK FWD UPPER <84914> SPEC 8-04296-1 ATTACHING PARTS	1		35
- 35	NAS686A3	• NUTPLATE	7		35
- 36	AN960-10	• WASHER	7		35
- 37	AN3H5A	• BOLT	4		35
- 38	AN3H6A	• BOLT	3		35
- 39	4437	• BOOT, VARIABLE AIR RAMP SCREW JACK FWD LOWER <84914> SPEC 8-04296-3 ATTACHING PARTS	1		35
- 40	NAS686A3	• NUTPLATE	7		35
- 41	AN3H5A	• BOLT	4		35
- 42	AN3H10A	• BOLT	3		35
- 43		• SUPPORT, UPPER FWD LH SEE FIG. 2.11-10 INDEX 3	RF		

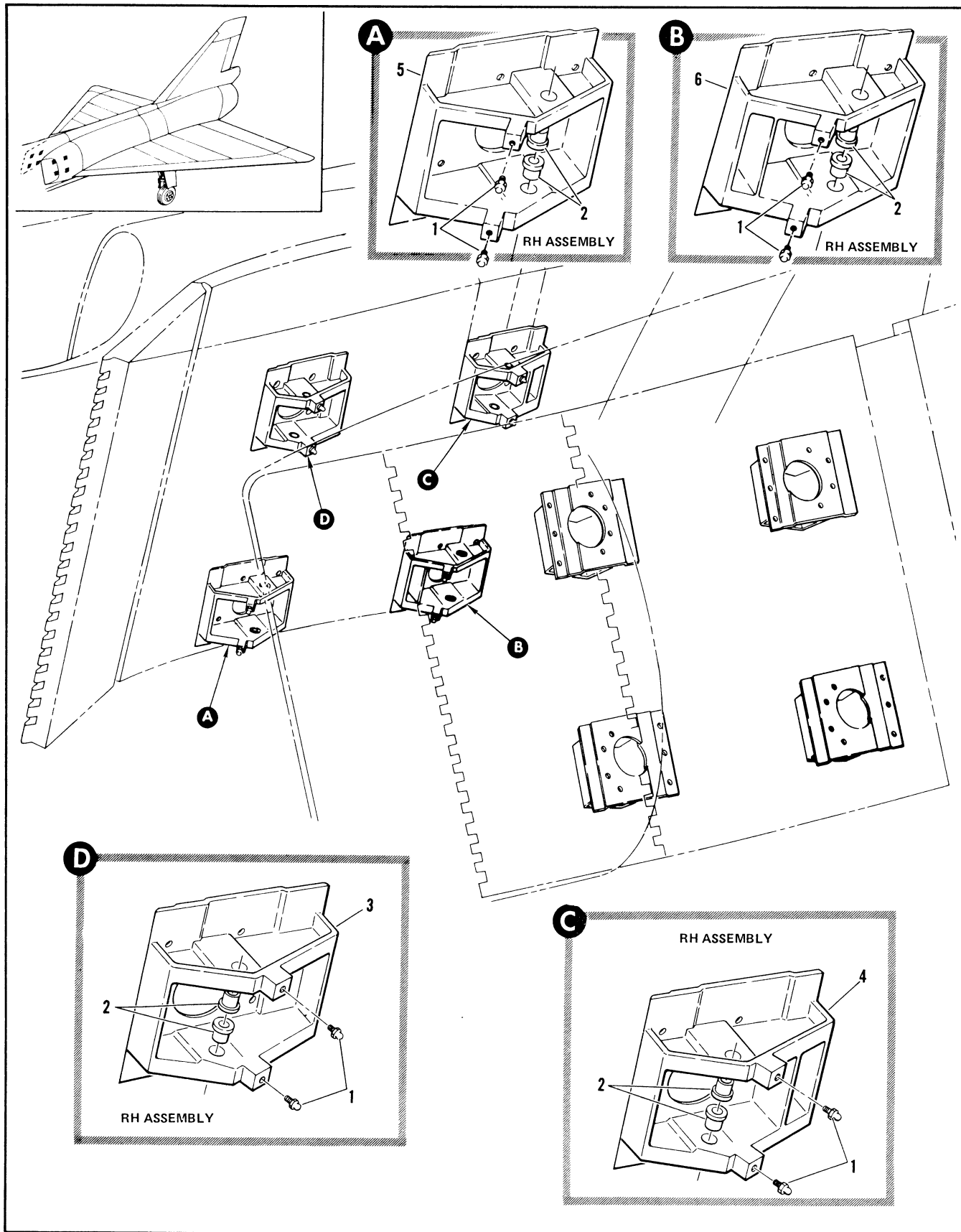


Figure 2.11-10. Variable Air Ramp Screw Jack Support Assembly

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
		1 2 3 4 5 6			
2.11-10	8-74997-1	SUPPORT ASSEMBLY, VARIABLE AIR RAMP SCREW JACK UPPER FWD LH FOR NHA SEE FIG. 2.3-13	RF	35	
	8-74997-2	SUPPORT ASSEMBLY, VARIABLE AIR RAMP SCREW JACK UPPER FWD RH FOR NHA SEE FIG. 2.3-13	RF	35	
	8-74997-803	SUPPORT ASSEMBLY, VARIABLE AIR RAMP SCREW JACK LOWER FWD LH FOR NHA SEE FIG. 2.3-13	RF	35	62
	8-74997-805	SUPPORT ASSEMBLY, VARIABLE AIR RAMP SCREW JACK LOWER FWD LH FOR NHA SEE FIG. 2.3-13	RF	63	
	8-74997-804	SUPPORT ASSEMBLY, VARIABLE AIR RAMP SCREW JACK LOWER FWD RH FOR NHA SEE FIG. 2.3-13	RF	35	62
	8-74997-806	SUPPORT ASSEMBLY, VARIABLE AIR RAMP SCREW JACK LOWER FWD RH FOR NHA SEE FIG. 2.3-13	RF	63	
	8-74997-5	SUPPORT ASSEMBLY, VARIABLE AIR RAMP SCREW JACK UPPER AFT LH FOR NHA SEE FIG. 2.3-13	RF	35	
	8-74997-6	SUPPORT ASSEMBLY, VARIABLE AIR RAMP SCREW JACK UPPER AFT RH FOR NHA SEE FIG. 2.3-13	RF	35	
	8-74997-801	SUPPORT ASSEMBLY, VARIABLE AIR RAMP SCREW JACK LOWER AFT LH FOR NHA SEE FIG. 2.3-13	RF	35	
	8-74997-802	SUPPORT ASSEMBLY, VARIABLE AIR RAMP SCREW JACK LOWER AFT RH FOR NHA SEE FIG. 2.3-13	RF	35	
- 1	MS15001-1	• LUBRICATOR	2	35	
- 2	8-74997-25	• BUSHING, ALTEPED FROM 8-44718-7	2	35	
	8-44718-7	• BUSHING	RF		
	8-74997-37	• SUPPORT, UPPER FWD LH	1	35	
- 3	8-74997-38	• SUPPORT, UPPER FWD RH	1	35	
	8-74997-31	• SUPPORT, UPPER AFT LH	1	35	
- 4	8-74997-32	• SUPPORT, UPPER AFT RH	1	35	
	8-74997-39	• SUPPORT, LOWER FWD LH	1	35	52
	8-74997-41	• SUPPORT, LOWER FWD RH	1	63	
- 5	8-74997-40	• SUPPORT, LOWER FWD LH	1	35	62
	8-74997-42	• SUPPORT, LOWER FWD RH	1	63	
	8-74997-33	• SUPPORT, LOWER AFT LH	1	35	
- 6	8-74997-34	• SUPPORT, LOWER AFT RH	1	35	

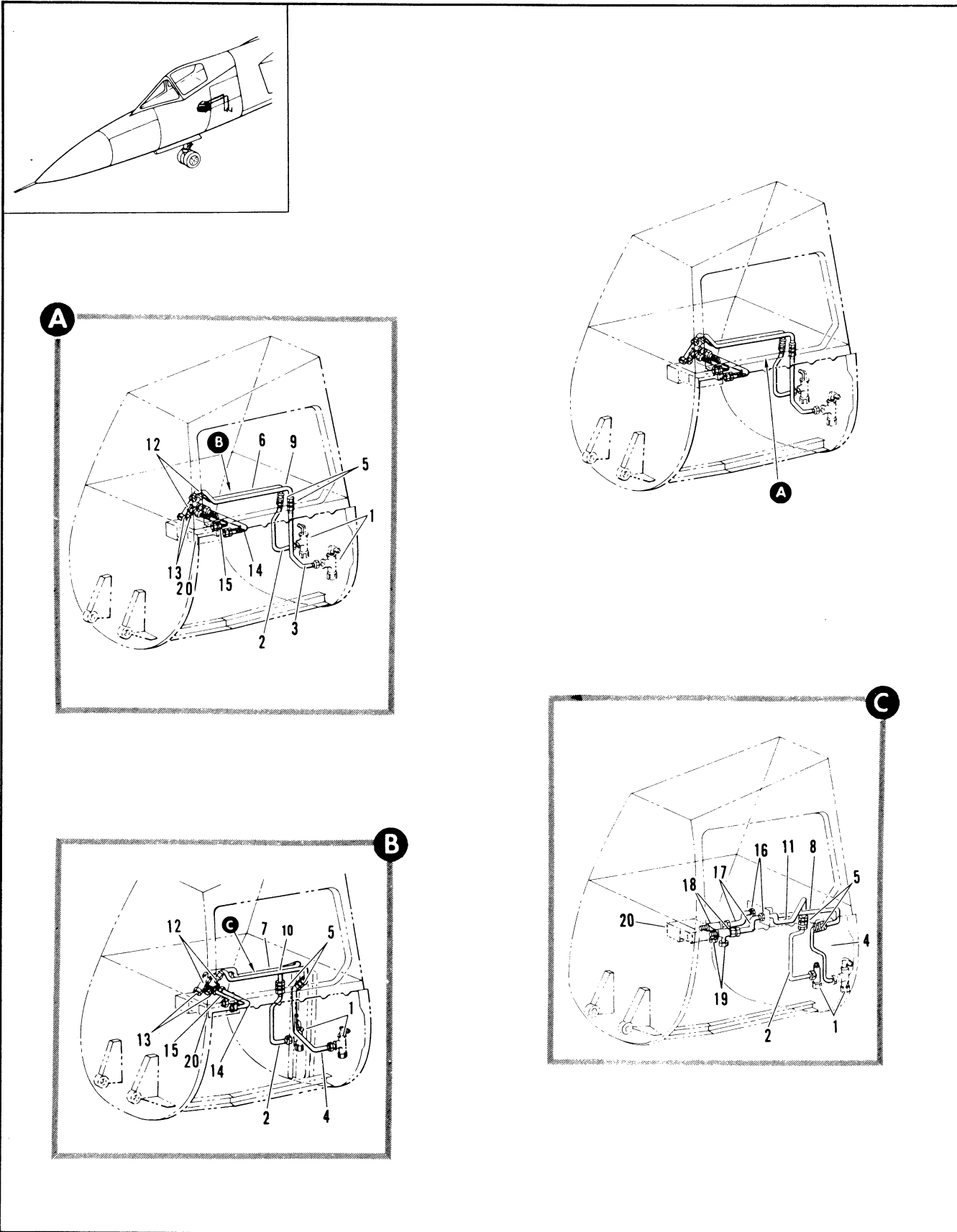


Figure 2.11-11. Variable Air Ramp Pitot Static Tubing Installation Sta 171 to 216

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.11-11	8-92945-805	TUBING INSTALLATION, VARIABLE AIR RAMP PITOT STATIC STA 171 TO 216 MOD BY 7144644-10 FOR NHA SEE FIG. 2.3-4	RF	35	
- 1		• TRAP, WATER SEE FIG. 2.11-12 INDEX 7	RF		
- 2	8-92945-143	• TUBE ASSY, PITOT	1	35	
- 3	8-92945-145	• TUBE ASSY, STATIC	1	A	
- 4	7144645-10	• TUBE ASSY, STATIC	1		
- 5	MS21902D6	• UNION	2	35	
- 6	8-92945-123	• TUBE ASSY, PITOT	1	A	
- 7	8-92945-149	• TUBE ASSY, PITOT	1	C	
- 8	8-92945-169	• TUBE ASSY, PITOT	1	130	
- 9	8-92945-125	• TUBE ASSY, STSTIC	1	A	
- 10	8-92945-147	• TUBE ASSY, STATIC	1	C	
- 11	8-92945-171	• TUBE ASSY, STATIC	1	130	
- 12	AN834-6D	• TEE	2	35	129
- 13	AN929-6	• CAP	2	35	129
	AN924-6D	• NUT	2	35	129
	AN9600916	• WASHER	2	35	129
- 14	306015-6D0094	• HOSE ASSY, <00624> 94-80557-001 REPLACED BY NOT INTCHG WITH 616044-6-0063	1	35	129
- 15	950312-6D0044	• HOSE ASSY, <00624> 94-80556-004 REPLACED BY INTCHG WITH 616044-6-0063	1	35	129
- 16	MS21903D6	• UNION	2	130	
	AN924-6D	• NUT	2	130	
- 17	616044-6-0063	• HOSE ASSY, <00624> 94-80517-054 REPLACES NOT INTCHG WITH 950312-6D0044 AND 306015-6D0094	2	130	
- 18	4120-5970-63D	• TEE	2	130	
	AN924-6D	• NUT	2	130	
- 19	MS21914D6	• CAP	2	130	
	AN6290-6	• GASKET	2	130	
- 20		• CONTROL UNIT, SEE FIG. 2.11-2 INDEX 1	RF		

A AIRPLANES #35 THRU 47 AND 49 THRU 89
 B AIRPLANES #48, 90 AND ON
 C AIRPLANES #48 AND 90 THRU 129

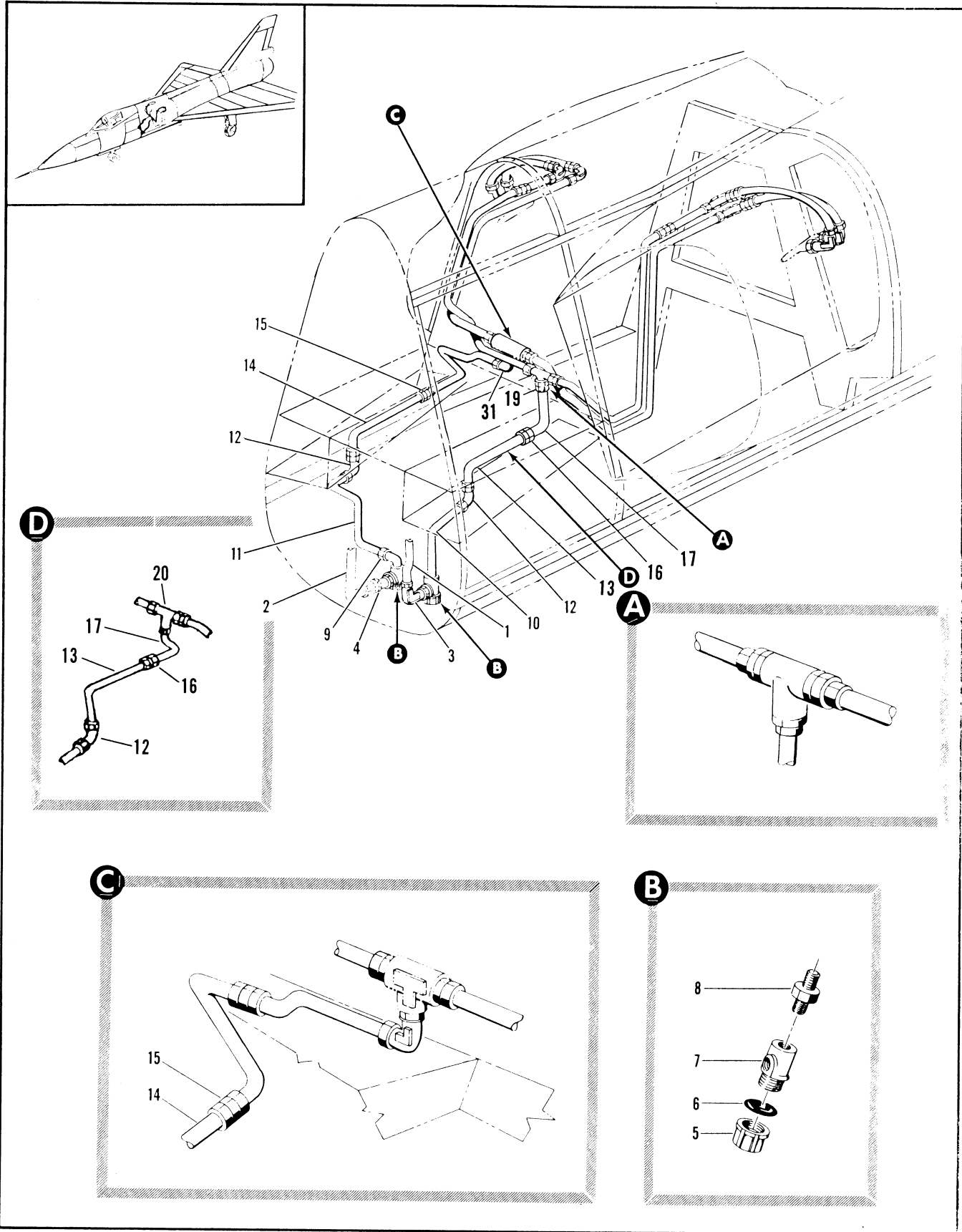


Figure 2.11-12. Variable Air Ramp Pitot Static Tubing Installation Sta 216 to 472 (Sheet 1 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.11-12	8-92945-803	TUBING INSTALLATION, VARIABLE AIR RAMP PITOT STATIC STA 216 TO 472 FOR NHA SEE FIG. 2.3-10	RF	35	
- 1		• TUBE ASSY, PITOT SEE FIG. 2.11-11 INDEX 2	RF		
- 2		• TUBE ASSY, STATIC SEE FIG. 2.11-11 INDEX 3	RF		
- 3	MS21908D6	• ELBOW, LH	1	35	
- 4	MS21903D6	• UNION, RH	1	35	
	AN924-6D	• NUT	2	35	
	AN6290-6	• GASKET	2	35	
- 5	8-38080	• CAP	2	35	
- 6	AN6290-12	• GASKET	2	35	
- 7	8-38082-7	• TRAP, AIRSPEED WATER	2	35	
- 8	MS21902D6	• UNION, LH	1	35	
	AN6290-6	• GASKET, LH	1	35	
- 9	MS21908D6	• ELBOW, RH	1	35	
	AN924-6D	• NUT, LH	1	35	
	AN6290-6	• GASKET, RH	1	35	
- 10	8-92945-81	• TUBE ASSY, STATIC LH	1	35	
- 11	8-92945-39	• TUBE ASSY, PITOT RH	1	35	
- 12	MS21908D6	• ELBOW	2	35	
	AN924-6D	• NUT	2	35	
	AN9600916L	• WASHER	2	35	
- 13	64A34218-1	• TUBE ASSY, PITOT STATIC VARIABLE RAMP LH	1	35	
- 14	8-92945-15	• TUBE ASSY, STATIC RH	1	35	
- 15	MS21902D6	• UNION	1	35	
- 16	MS21902D6	• UNION	1	35	
- 17	64A34219-1	• TUBE ASSY, PITOT STATIC VARIABLE RAMP	1		
- 18	8-92945-165	• TUBE ASSY, PITOT	1	189	215
	8-92945-167	• TUBE ASSY, PITOT	1	216	
- 19	MS21902D6	• UNION	1		
	AN6290-6	• GASKET	1		

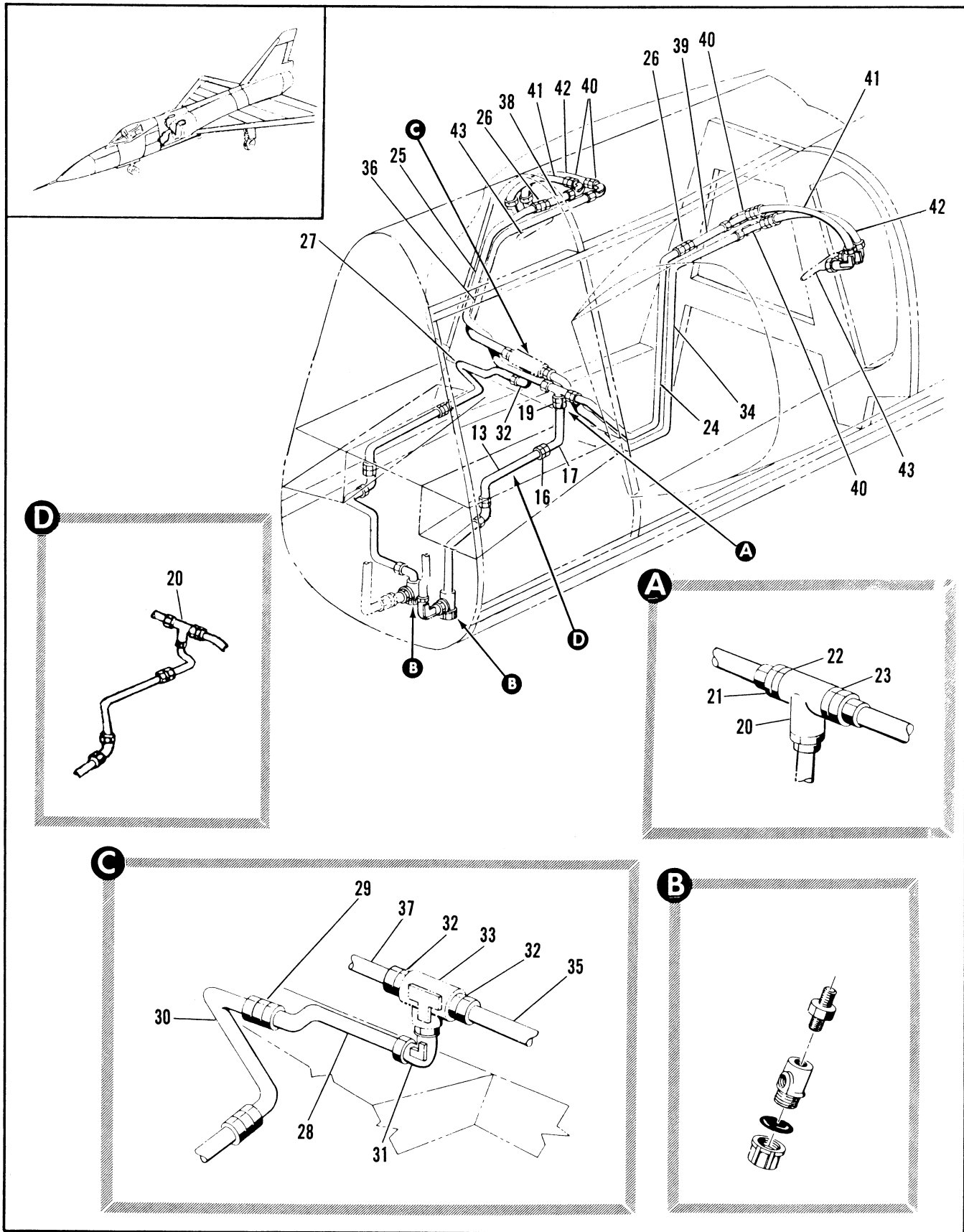


Figure 2.11-12. Variable Air Ramp Pitot Static Tubing Installation Sta 216 to 472 (Sheet 2 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE	
				FROM	TO
2.11-12- 20	14130	• VALVE ASSY, SHUTTLE <99643> SPEC 8-08593 T.O. 9P5-10-6-3	1	189	
- 21	MS219-15D6-4	• REDUCER	1	189	
	AN6290-6	• GASKET	1	189	
- 22	MS21903D6	• UNION	1	189	
	AN924-6D	• NUT	1	189	
	AN960D916	• WASHER	3	189	
	AN6290-6	• GASKET	1	189	
- 23	MS21916D6-4	• REDUCER	1	189	
	AN6290-6	• GASKET	1	189	
- 24	8-92945-69	• TUBE ASSY, PITOT	1	35	
- 25	8-92945-91	• TUBE ASSY, PITOT	1	35	
- 26	MS21903D4	• UNION	2	35	
	AN924-4D	• NUT	2	35	
	AN960D716	• WASHER	2	35	
- 27	8-92945-103	• TUBE ASSY, STSTIC	1	35	129
- 28	8-92945-157	• TUBE ASSY, STATIC	1	130	
- 29	MS21902D6	• UNION	1	130	
- 30	8-92945-159	• TUBE ASSY, STATIC	1	130	
- 31	MS21908D4	• ELBOW	1	35	
	AN924-6D	• NUT	1	35	
	AN6290-6	• GASKET	3	35	
- 32	MS21916D6-4	• REDICER	2	35	
- 33		• VALVE INSTL, SHUTTLE VARIABLE AIR RAMP SEE FIG. 2.3-11 INDEX 36	RF		
- 34	8-92945-99	• TUBE ASSY, STATIC	1	35	129
- 35	8-92945-155	• TUBE ASSY, STATIC	1	130	
- 36	8-92945-101	• TUBE ASSY, STATIC	1	35	129
- 37	8-92945-153	• TUBE ASSY, STATIC	1	130	
- 38	8-92945-55	• TUBE ASSY, PITOT	1	35	
- 39	8-92945-59	• TUBE ASSY, PITOT	1	35	
- 40	MS21908D4	• ELBOW	4	35	
	AN924-4D	• NUT	4	35	
	AN960D716L	• WASHER	4	35	
- 41	8-92945-77	• TUBE ASSY, PITOT	2	35	
- 42	8-92945-79	• TUBE ASSY, STATIC	2	35	
- 43		• TUBE, SEE FIG. 2.11-2 INDEX 6	RF		

