

PIPER PARTS CATALOG

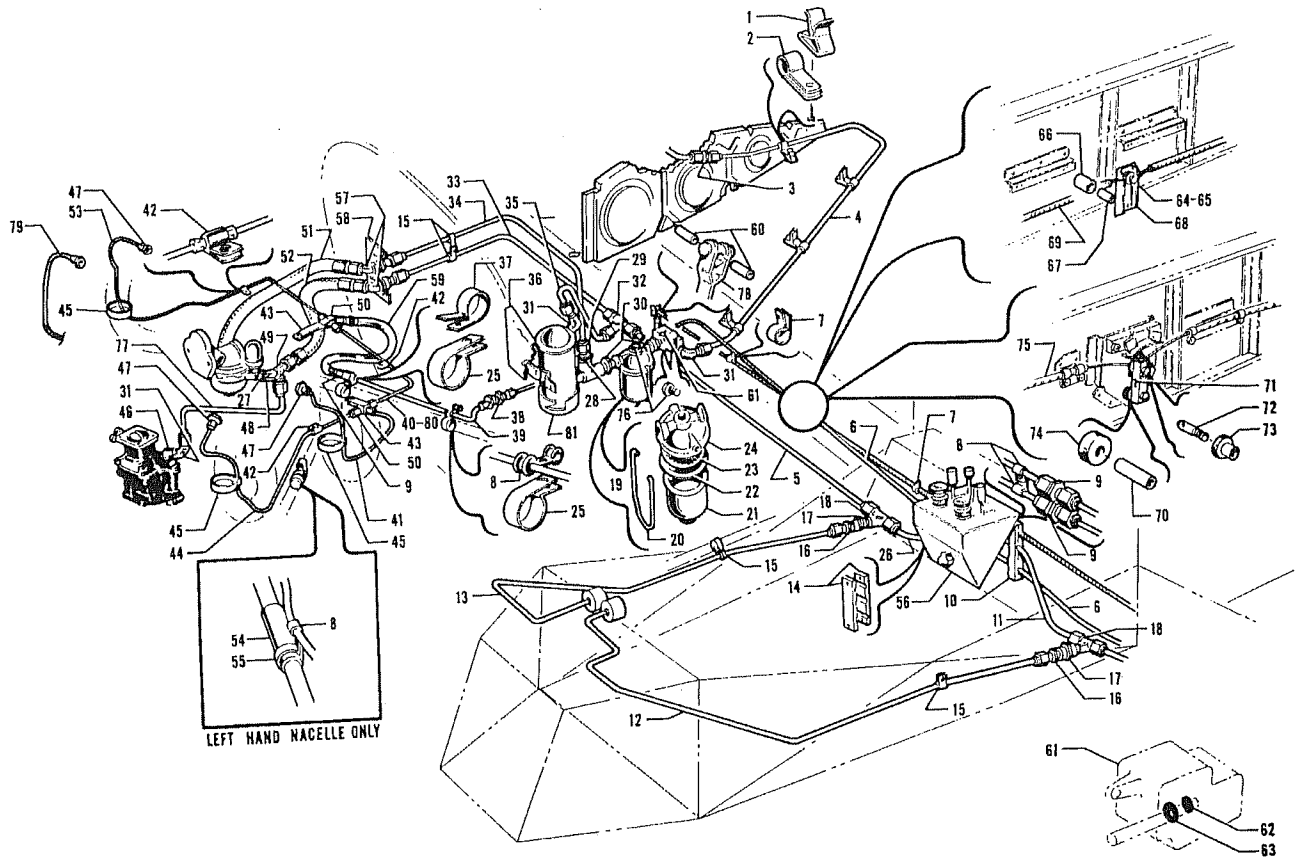


Figure 52. Fuel System Installation

**PIPER PARTS CATALOG**

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
52-	17997 17901		DRAWING - Fuel System Installation DRAWING - Wing Installation		
-1	454 906		CLIP - Tinnerman (A6320-8Z-3)	8	
-2	80032-71		CLAMP - Off-set	8	
-3	491 051		UNION - (AN815-5D)	2	
-4	17995-00		LINE ASSEMBLY - Fuel	2	
-5	17990-00		LINE ASSEMBLY - Fuel crossfeed, right engine	2	
-6	17984-00		LINE ASSEMBLY - Primer	2	
-7	454 928		CLAMP - Tinnerman (A4980S-3-91)	4	
-8	454 927		CLAMP - Tinnerman (A4980S-2-91)	4	
-9	491 048		UNION - (AN815-2D)	4	
-10	17981-00		BLOCK - Tube retaining	2	
-11	17989-00		LINE ASSEMBLY - Fuel crossfeed, left engine	1	
-12	17988-00		LINE ASSEMBLY - Fuel pressure, left	1	23-1 to 23-1544 inclusive
	19634-00		LINE ASSEMBLY - Fuel pressure, left	1	23-1545 and up
-13	17987-00		LINE ASSEMBLY - Fuel pressure, right	1	
-14	17980-00		BLOCK - Tube retaining	2	
-15	454 931		CLAMP - Tinnerman (A4980S-5-91)	6	
-16	455 173		COUPLING - (AN910-1D)	2	
-17	19289-00		NIPPLE - Restricted	2	23-860, 23-875, 23-844, 23-889, 23-892, 23-894, 23-895, 23-897 and up
-18	488 382		TEE - (AN825-5D)	2	
-19	14330-04	B	STRAINER ASSEMBLY - Fuel	2	
-20	60765-02		BAIL WIRE ASSEMBLY	1	
-21	16211-00		BOWL ASSEMBLY (EZ drain type)	1	
-22	85012-32		GASKET	1	
-23	750 272		SCREEN	1	
-24	14428-00		COVER	1	
-25	454 886		CLAMP - Tinnerman (A4886S-10-24)	3	
-26	17979-00		LINE ASSEMBLY - Fuel crossfeed	1	
-27	453 616	A,C	BUSHING - (AN912-1D) Engine fuel pump outlet	2	
-28	488 381		TEE - (W/H 375 x 2)	2	
-29	476 661		NIPPLE - (AN816-5D)	2	
-30	476 657		NIPPLE - (W/H 3325 x 4 x 2)	4	
-31	458 896		ELBOW - (AN822-5D)	6	
-32	488 321		TEE - (AN824-5D)	2	
-33	17932-01		LINE ASSEMBLY - Fuel crossfeed, right	1	
	17932-00		LINE ASSEMBLY - Fuel crossfeed, left	1	
-34	17931-01		LINE ASSEMBLY - Fuel, right	1	
	17931-00		LINE ASSEMBLY - Fuel, left	1	
-35	17766-13		LINE ASSEMBLY - Fuel	2	
-36	17978-01		BRACKET - Fuel pump mounting, right	1	
	17978-00		BRACKET - Fuel pump mounting, left	1	
-37	454 885		CLAMP - Tinnerman (A4886S-24)	2	
-38	491 058		UNION - (AN832-2D)	2	
-39	17983-00		LINE ASSEMBLY - Primer, right (14")	1	
	17983-03		LINE ASSEMBLY - Primer, right (24")	1	
	17982-00		LINE ASSEMBLY - Primer, left (11")	1	
	16246-02		LINE ASSEMBLY - Primer, left (17")	1	
			A - Used if fuel pump #5623467 is installed. B - Reference latest revision to Service Bulletin 827A. Installing fuel drain installation kit, P/N 765-363, will aid in compliance with the bulletin. C - Reference latest revision to Service Letter 368.		

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Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
52-40	18310-00		LINE ASSEMBLY - Rear primer	2	
-41	18309-00		LINE ASSEMBLY - Left rear cylinder primer	2	
-42	80032-69		CLAMP - Off-set	6	
-43	18078-00		CLAMP - Primer tee	4	
-44	18308-00		LINE ASSEMBLY - Left front cylinder primer (18-15/32")	2	
	21124-03		LINE ASSEMBLY - Left front cylinder primer (30-1/2")	2	
-45	18307-00		CLAMP - Primer line	6	
-46	453 616		BUSHING (AN912-1D)	2	
-47	468 340		JET - Primer	6	
-48	458 904		ELBOW - (AN914-1D)	2	
-49	488 317		TEE - (AN826-5D)	2	
-50	488 318		TEE - (AN824-2D)	4	
-51	17766-11		HOSE ASSEMBLY - Flexible, fuel pump intake	2	
-52	17766-12		HOSE ASSEMBLY - Flexible, fuel pump outlet	2	
	17766-70	D,F	HOSE ASSEMBLY - Flexible, fuel pump outlet	2	
-53	18311-00		LINE ASSEMBLY - Right front cylinder primer (26-1/2")	2	
	21126-03		LINE ASSEMBLY - Right front cylinder primer (11-11/16")	2	
-54	18331-00		HOSE - Split, left	1	
-55	454 941		CLAMP - Tinnerman (A2980S-14-1)	1	
-56	17933-00	A,B	BOX ASSEMBLY - Fuel system control, brown	1	23-193 to 23-289 inclusive
	17933-02	A,C	BOX ASSEMBLY - Fuel system control, brown	1	23-193 to 23-289 inclusive
	17933-05	A,B	BOX ASSEMBLY - Fuel system control, brown	1	23-290 to 23-375 inclusive
	17933-06	A,C	BOX ASSEMBLY - Fuel system control, brown	1	23-290 to 23-375 inclusive
	17933-03	A,B	BOX ASSEMBLY - Fuel system control, black	1	23-376 and up
	17933-04	A,C	BOX ASSEMBLY - Fuel system control, black	1	23-376 and up
-57	458 911		ELBOW - (AN837-5D)	4	
-58	18432-00		PLACARD - Fuel line	2	
-59	17766-06		HOSE ASSEMBLY - Flexible	2	
-60	14175-97		BUSHING	4	
-61	492 050	E	VALVE ASSEMBLY - Fuel shutoff	2	
-62	752 741		PACKING - "O" Ring (MS29513-6)	2	
-63	752 742		PACKING - "O" Ring (MS29513-10)	1	
-64	18744-00		STUD - Swivel	2	23-193 to 23-289 inclusive
-65	70371-02		SWIVEL	2	23-193 to 23-289 inclusive
-66	80022-77		BUSHING	2	23-193 to 23-289 inclusive
-67	80022-78		BUSHING	2	23-193 to 23-289 inclusive
-68	18826-00		ARM - Fuel control cable support	2	23-193 to 23-289 inclusive
-69	18745-05		CABLE ASSEMBLY - Fuel control	2	23-193 to 23-289 inclusive
-70	80022-76		BUSHING	2	23-290 and up
-71	18782-00		ARM - Fuel control cable support	2	23-290 and up
-72	18790-00		STUD - Swivel	2	23-290 and up
-73	18791-00		SWIVEL	2	23-290 and up
-74	80022-75		BUSHING	2	23-290 and up
-75	18815-00		CABLE ASSEMBLY - Fuel control	2	23-290 and up
-76	460 669		PLUG - (W/H 3152 x 2)	6	
-77	17904-00		LINE ASSEMBLY - Fuel	2	
	19988-00	D,F	LINE ASSEMBLY - Fuel	2	
-78	451 963		ARM - Fuel valve	2	

A - See Figure 55 for component parts breakdown.  
 B - Used with standard fuel system installation.  
 C - Used with auxiliary fuel system installation.  
 D - Used if fuel pump #5623467 is installed.  
 E - Reference latest revision to Service Letter 322A.  
 F - Reference latest revision to Service Letter 368.

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52-79 -80 -81	21125 03 21503-03 481 666	A	LINE ASSEMBLY - Primer (10") LINE ASSEMBLY - Primer (2-3/8") PUMP - Electric fuel	2 2 2	
<p>A - Reference Service Letter 368 if changing fuel pump on PA-23-160 aircraft with Lycoming O-320, O-360 or O-540 series engine.</p>					

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