

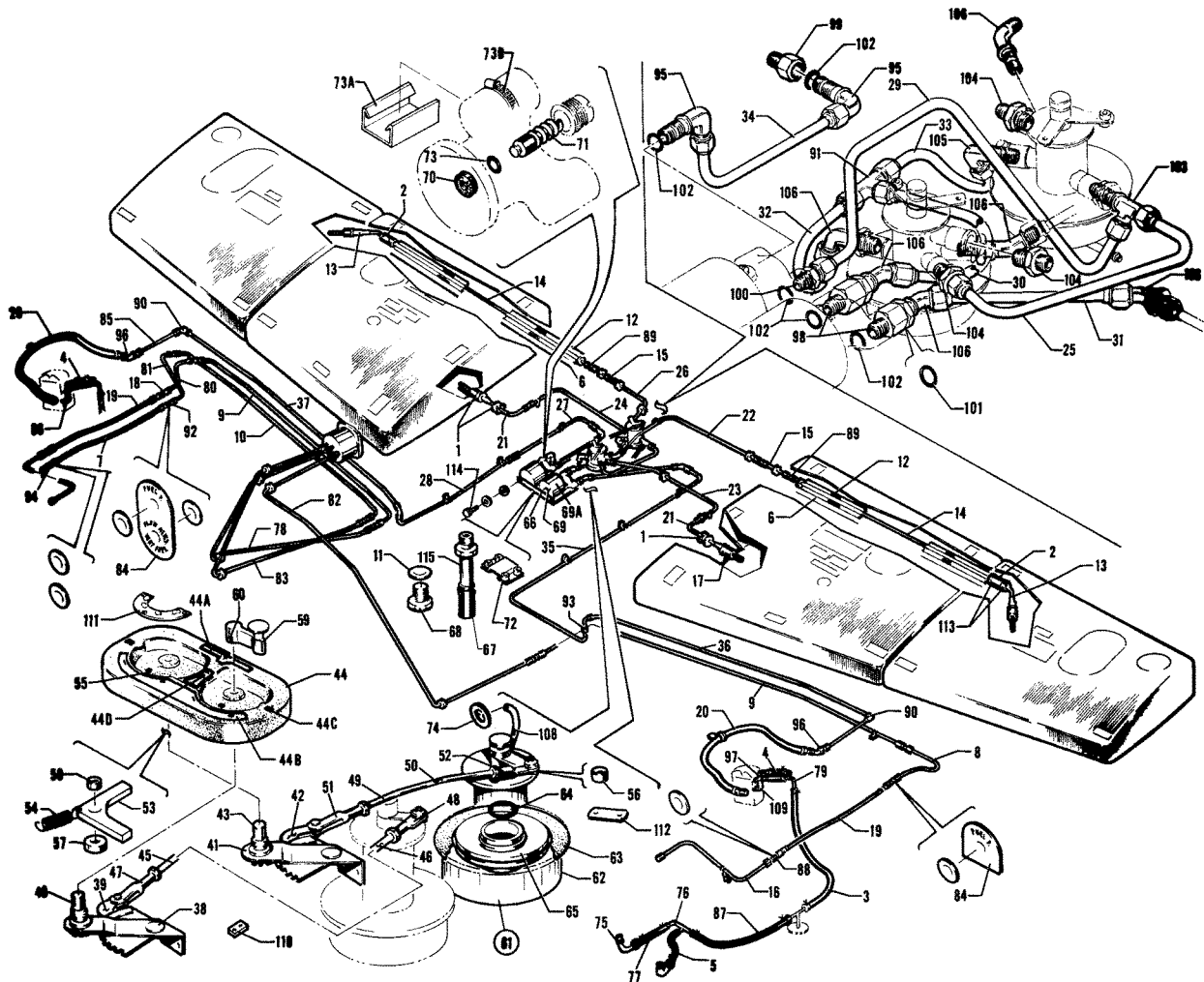


Figure 38. Fuel System Installation

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
38-	23940		DRAWING - Fuel System Installation		
-1	16268-08		GROMMET - Caterpillar	2	
-2	16633-22		HOSE - Fuel cell	2	
-3	16633-36	Y	HOSE - Fuel pump drain	2	30-2 to 30-29 inclusive
	16633-47	YZ	HOSE - Fuel pump drain	2	30-30 and up, 39-1 and up
-4	16633-37	Y	HOSE - Fuel pump drain	4	30-2 to 30-197 inclusive
-5	61541-28		HOSE - Flexible fuel pump drain, right	2	
-6	17528-33		STRIP - Moleskin	4	
-7	17766-75		HOSE ASSEMBLY - Fuel line, LH	1	
-8	17984-05		LINE ASSEMBLY - Fuel pressure, 34" L, RH	1	
-9	17984-08		LINE ASSEMBLY - Fuel pressure, 51" L	2	
-10	17984-09		LINE ASSEMBLY - Fuel, 51" L, LH	1	
-11	25620-00	YZ	GROMMET - Fuel pump mounting	8	30-1150 to 30-1156 inclusive, 30-1158 and up, 39-1 and up
-12	22260-00		COVER ASSEMBLY - Fuel line	2	
-13	22267-00		STRAINER ASSEMBLY - Fuel tank finger	2	
-14	22281-03		LINE ASSEMBLY - Fuel	2	
-15	22503-00		LINE ASSEMBLY - Fuel	2	
-16	23195-10		LINE ASSEMBLY - Fuel	2	
-17	23230-00		SEAL - Fuel line	2	
-18	23319-00		UNION - Flared tube (Special)	4	
-19	23745-03		HOSE ASSEMBLY - Fuel	2	
-20	23745-07		HOSE ASSEMBLY - Fuel pressure	2	
-21	23924-00		STRAINER ASSEMBLY - Fuel tank finger, left	1	
	23924-01		STRAINER ASSEMBLY - Fuel tank finger, right	1	
-22	23925-00	A	LINE ASSEMBLY - Fuel (auxiliary)	1	
-23	23926-00		LINE ASSEMBLY - Fuel (main)	1	
-24	23927-00		LINE ASSEMBLY - Fuel (main)	1	
-25	23928-00		LINE ASSEMBLY - Fuel (cross over)	1	
-26	23929-00	A	LINE ASSEMBLY - Fuel (auxiliary)	1	
-27	23930-00		LINE ASSEMBLY - Fuel	1	
-28	23931-00		LINE ASSEMBLY - Fuel	1	
-29	23933-00		LINE ASSEMBLY - Fuel	1	
-30	23934-00		LINE ASSEMBLY - Fuel	1	
-31	23935-00		LINE ASSEMBLY - Fuel	1	
-32	23936-00		LINE ASSEMBLY - Fuel	1	
-33	23937-00		LINE ASSEMBLY - Fuel	1	
-34	23938-00		LINE ASSEMBLY - Fuel	1	
-35	23939-00		LINE ASSEMBLY - Fuel	1	
-36	23964-02		LINE ASSEMBLY - Fuel	1	
-37	23964-03		LINE ASSEMBLY - Fuel	1	
-38	24100-00		CONTROL ASSEMBLY - Fuel selector valve, left	1	
-39	24093-00		ARM - Fuel selector valve control	1	
-40	24150-00		CONTROL ASSEMBLY - Converter	1	
-41	24102-00		CONTROL ASSEMBLY - Fuel selector valve, right	1	
-42	24094-00		ARM - Fuel selector valve control	1	
-43	24150-00		CONTROL ASSEMBLY - Converter	1	
			A - See Figure 40A if wing tip tanks are installed, Y - Used on airplanes only. Z - Used on airplanes only.		

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PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
38-44	24128-02		PLATE - Fuel valve protector, charcoal	1	
	24128-03	A	PLATE - Fuel valve protector, brown	1	
	24128-06		PLATE - Fuel valve protector, black	1	
	24128-14	C	PLATE - Fuel valve protector, red	1	
	24128-15	C	PLATE - Fuel valve protector, blue	1	
	24128-16	C-	PLATE - Fuel valve protector, beige	1	
-44a	24958-00	YZ	* PLACARD - Fuel strainer access door	1	30-594 and up, 39-1 and up
-49b	24959-00	YZ	* PLACARD - Fuel tank selector	1	30-594 and up, 39-1 and up
-44c	24960-00	YZ	* PLACARD - Off position	1	30-594 and up, 39-1 and up
-44d	24964-00	YZ	* PLACARD - Crossfeed	1	30-594 and up, 39-1 and up
-45	24148-00		ROD ASSEMBLY - Fuel selector valve control, left	1	
-46	24089-00		* ROD - Fuel selector valve control	1	
-47	23091-00		* CLEVIS - Fuel selector valve control rod	1	
-48	24092-00		* CLEVIS - Fuel selector valve control rod	1	
-49	24147-00		ROD ASSEMBLY - Fuel selector valve control, right	1	
-50	24088-00		* ROD - Fuel selector valve control	1	
-51	24091-00		* CLEVIS - Fuel selector valve control rod	1	
-52	24092-00		* CLEVIS - Fuel selector valve control rod	1	
-53	24149-00	YZ	LINK - Fuel selector valve control guard	1	30-2 and up, 39-1 to 39-144
	27256-00	Z	LINK - Fuel selector valve control guard	1	39-145 and up
-54	24174-00		SPRING - Fuel valve control guard	1	
-55	400 675		BOLT - Clevis (AN23- 13)	1	
-56	64076-10		BUSHING	2	
-57	64076-13	YZ	BUSHING	1	
-58	64076-12		BUSHING	1	
-59	25279-02	Y	HANDLE ASSEMBLY - Fuel selector valve control	2	30-2 to 30-826 inclusive
	25279-00	YZ	HANDLE ASSEMBLY - Fuel selector valve control	2	30-827 and up, 39-1 and up
-60	419 964		* SCREW - Set, selector valve handle (with special self-locking insert)	1	
-61	492 136		VALVE ASSEMBLY - Fuel selector, left (1H7-7)	1	
	492 137		VALVE ASSEMBLY - Fuel selector, right (1H7-8)	1	
-62	757 187		* KIT - Selector valve housing assembly (includes stainless steel housing, gasket, "O" ring and attaching hardware)	1	
-63	751 871		** GASKET - Filter housing	1	
-64	755 919		** "O" RING - Viton)	1	
-65	751 796		* FILTER ASSEMBLY - Fuel selector valve	1	
-66	23696-00	B	BRACKET ASSEMBLY - Pump mounting	1	
	23696-03	YZ	BRACKET ASSEMBLY - Pump mounting	1	30-1150 to 30-1156 inclusive, 30-1158 and up, 39-1 and up
-67	90797-80		SLEEVE	2	
-68	401 918	B	BOLT - Pump mounting (AN74A-3)	8	
	401 922	YZ	BOLT - Pump mounting (AN74A-7)	8	30-1150 to 30-1156 inclusive, 30-1158 and up, 39-1 and up
			A - Used on PA-30 with serial numbers 30-2 to 30-1716 inclusive, 30-1718 to 30-1744 inclusive.		
			B - Used on PA-30 with serial numbers 30-2 to 30-1149 inclusive, and 30-1157.		
			C - Used on PA-30 with serial numbers 30-1717, 30-1745 and up, and with serial numbers 39-1 and up.		
			Y - Used on PA-30 airplanes only.		
			Z - Used on PA-30 airplanes only		

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PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
38-69	763 819		FUEL PUMP REPLACEMENT KIT - Left and right	2	
-69a	753 651	AF	* MOTOR - Fuel pump (8800-12)	1	
	753 715	BCF	* MOTOR - Fuel pump (8800-12B)	1	
	761 785	G	* MOTOR - Fuel pump (8850-5E)	1	
-70	756 155		* SEAL - Shaft	1	
-71	756 156	AB	* SPRING - Valve	1	
	757 717	CG	* SPRING - Valve	1	
-72	753 457	D	* BASE - Fuel pump motor	1	
	753 458	E	* BASE - Fuel pump motor	1	
-73	752 741	AB	* PACKING - "O" Ring (MS29513-6)	1	
-73a	33963-02	G	* BRACKET ASSEMBLY - Fuel pump	2	
-73b	454 818	G	* CLAMP - (SAE TYF-32)	1	
-74	16268-06		GROMMET- Caterpillar	2	
-75	24995-00		VALVE ASSEMBLY - Automatic fuel drain	4	
-76	24382-00		TUBE ASSEMBLY - Drain connector	2	
-77	61541-27		HOSE - Flexible, fuel pump drain, left	2	
-78	17984-14		LINE ASSEMBLY - Fuel pressure	1	
-79	24037-00	Y	TUBE ASSEMBLY - Drain connector	2	30-2 to 30-197 inclusive
-80	24051-02		LINE ASSEMBLY - Fuel	1	
-81	24051-03		LINE ASSEMBLY - Fuel	1	
-82	24051-04		LINE ASSEMBLY - Fuel	1	
-83	24051-05		LINE ASSEMBLY - Fuel	1	
-84	24053-00		PLACARD - Fuel pressure	1	
	24053-02		PLACARD - Fuel flow meter vent	1	
-85	24059-00		LINE ASSEMBLY - Fuel	2	
-86	24060-00		VALVE ASSEMBLY - Check	2	
-87	82371-95		HOSE - Flexible	2	
-88	491 048		UNION - (AN815-2D)	3	
-89	491 051		UNION - (AN815-5D)	7	
-90	458 884		ELBOW - (AN821-5D)	2	
-91	488 321		TEE - (AN824-5D)	1	
-92	491 064		UNION - (AN832-2)	1	
-93	491 058		UNION - (AN832-2D)	3	
-94	458 933		ELBOW - (AN833-2)	1	
-95	458 901		ELBOW - (AN833-6D)	3	
-96	458 939		ELBOW - (AN837-5)	2	
-97	458 940	Y	ELBOW - (AN844-4D)	2	30-2 to 30-197 inclusive
-98	453 681		REDUCER BUSHING - (AN893-7D)	2	
-99	453 672		EXPANDER BUSHING - (AN894D6-5)	1	
-100	484 352		REDUCER - (AN919-7D)	1	
-101	462 059		"O" RING - (MS29512-5)	2	
-102	462 060		"O" RING - (MS29512-6)	5	
			A- Used with Fuel Pump 24058-00 and 24058-01.		
			B- Used with Fuel Pump 24058-02, 24058-03, 24058-04 and 24058-05.		
			C- Used with Fuel Pump 24058-06 and 24058-07.		
			D- Used with Fuel Pump Motor #8800-12.		
			E- Used with Fuel Pump Motor #8800-12B.		
			F - Not available. Order Fuel Pump Replacement Kit 763 819.		
			G- Used with Fuel Pump C8100G or C8100J only.		
			Y- Used on PA-30 airplanes only.		

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Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
38-103	488 481		TEE - (AN804-5D)	1	
-104	491 051		UNION - (AN815-5D)	3	
-105	458 878		ELBOW - (AN833-SD)	2	
-106	458 911		ELBOW - (AN837-SD)	7	
-107	462 059		GASKET - (MS29512-5)	8	
-108	22369-14		TUBE - Plastic (4" L)	2	
	22369-15		TUBE - Plastic (7-1/2" L)	2	
-109	458 873		ELBOW - (MS20822-5-4)	2	
-110	24268-00		STOP - Fuel selector control arm	1	
-111	25265-00	YZ	PLATE - Fuel selector valve control lock	2	30-827 and up, 39-1 and up
-112	81262-105	YZ	LINK - Fuel selector valve	1	30-827 and up, 39-1 and up
-113	554 888		CLAMP - (SAE TY F-6)	4	
-114	401 266		BOLT - (AN3-5A) Bracket attachment	4	
	19513-59		WASHER - Bracket attachment	8	
	434 127		GROMMET - (AN931-3-10) Bracket attachment	4	
-115	451 857		ADAPTER - (AN840-4D)	2	
			Y- Used on airplanes only.		
			Z- Used on airplanes only.		

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