



PA-30 AND PA-39
TWIN COMANCHE

PARTS CATALOG

CARD 1 OF 2

PA-30

PA-39

PIPER AIRCRAFT CORPORATION

PIPER PARTS CATALOG

AEROFICHE EXPLANATION AND REVISION STATUS

The Parts Catalog information incorporated in this set of Aerofiche cards has been arranged in accordance with the general specifications of Aerofiche adopted by the General Aircraft Manufacturer's Association.

Conversion of Aerofiche alpha/numeric code numbers:

First number is the Aerofiche card identifier.

Letter is the horizontal line reference per card.

Second number is the vertical line reference per card.

Example: 2J16 = Aerofiche card number two of given set. Grid location J16.

To aid in locating the various sections and related information desired, the following is provided:

A complete Catalog Table of Contents is given at Grid 1A7 of Aerofiche card number 1 of this set. Each additional card in this set will have a Table of Contents for all sections on that particular card. This table will start at Grid A3.

REVISIONS

The information compiled in this Aerofiche Parts Catalog will be kept current by revisions distributed periodically. These revisions will supersede all previous revisions and will be complete Aerofiche card replacements and shall supersede Aerofiche cards of the same number in the set.

Current revisions to this PA-36 Parts Catalog issued December 30, 1976 are as follows:

761 470 (PR770531)	Dated May 1977
761 470 (PR770908)	Dated September 1977
761 470 (PR780215)	Dated February 1978
761 470 (PR781215)	Dated December 1978
761 470 (PR791012)	Dated October 1979
761 470 (PR800411)	Dated April 1980
761 470 (PR810112)	Dated January 1981
761 470 (PR811106)	Dated November 1981
761 470 (PR821214)	Dated December 1982
761 470 (PR070310)	Dated March 2007
761 470 (PR080310)	Dated March 2008
761 470 (PR080610)	Dated June 2008

NOTE: Refer to the last card of the Piper-Parts Price List-Aerofiche for a check list of current revision dates and card effectivities for this parts catalog.

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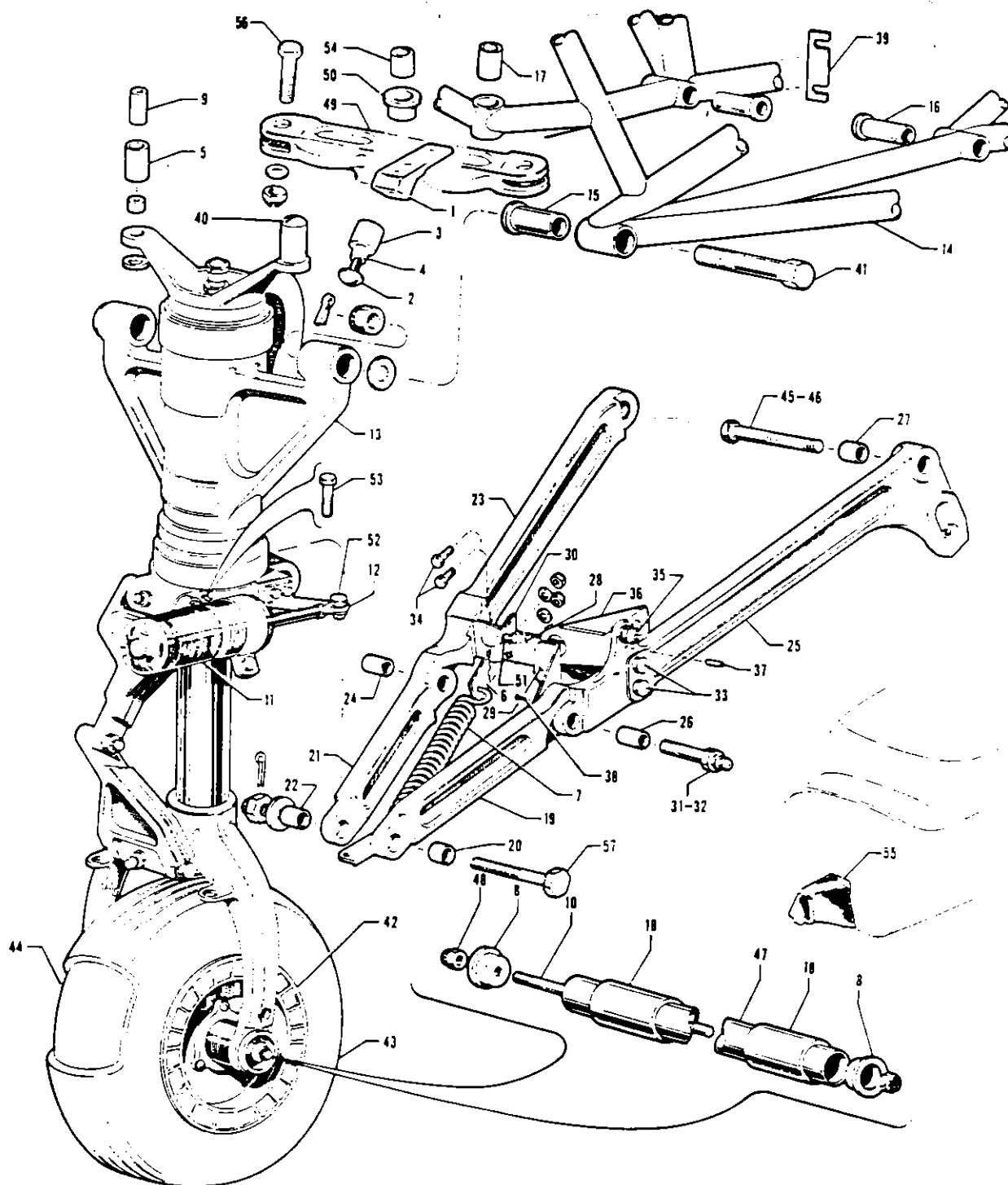


Figure 24. Nose Gear Installation

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
24-	23679	Y	DRAWING - Nose Landing Gear Installation		30-2 to 30-845 inclusive
	25293	YZ	DRAWING - Nose Landing Gear Installation		30-846 and up, 39-1 and up
-1	21725-00		ALIGNER ASSEMBLY - Nose gear	1	
-2	411 349		* SCREW - Nylon insert	1	
-3	14976-15		* BUSHING	1	
-4	14976-16		* BUSHING	1	
-5	14976-13		BUSHING - (3/4 O.D. x 1-1/32 L)	2	
	14976-21		BUSHING - (11/16 O.D. x 1-1/32 L)	2	
	14976-23		BUSHING - (5/8 O.D. x 1-1/32 L)	2	
	14976-102		BUSHING - (13/16 O.D. x 1-1/32 L)	2	
	14175-113		BUSHING - (1.00 O.D. x 1-1/32 L)	2	
-6	81262-92		LINK - Nose gear spring attachment, right	1	
	81262-92	DG	LINK - Nose gear spring attachment, left	2	
-7	13098-00		SPRING - Nose gear downlock, right	1	
	13098-00	DG	SPRING - Nose gear downlock, left	1	
-8	20825-00		PLUG - Wheel end	2	
-9	14976-12		BUSHING - (438 O.D. x 1-1/16 L)	2	
-10	20854-00		ROD - Wheel axle tie	1	
-11	21701-03	BY	DAMPENER ASSEMBLY - Nose wheel shimmy	1	30-2 to 30-1198 inclusive
	21701-05	YZ	DAMPENER ASSEMBLY - Nose wheel shimmy	1	30-1199 and up, 39-1 and up
-12	11601-03	BY	* BOLT - Eye, shimmy dampener	1	30-2 to 30-1198 inclusive
	452 357	YZ	* BEARING ASSEMBLY - Shimmy dampener	1	30-1199 and up, 39-1 and up
-13	22810-00	ACY	STRUT ASSEMBLY - Nose gear	1	30-2 to 30-1198 inclusive
	22810-03	AY	STRUT ASSEMBLY - Nose gear	1	30-1199 to 30-1716 inclusive
					30-1718 to 30-1744 inclusive
	22810-04	AD	STRUT ASSEMBLY - Nose gear	1	
-14	23658-00	Y	MOUNT ASSEMBLY - Nose gear	1	30-2 to 30-852 inclusive.
					30-854 to 30-901 inclusive
	23658-22	YZ	MOUNT ASSEMBLY - Nose gear	1	30-853, 30-902 and up.
					39-1 and up
-15	17164-04		* BUSHING - Nose gear mounting	2	
-16	20803-02		* BUSHING - Nose gear mounting	2	
-17	80012-77		* BUSHING - Nose gear mounting	1	
-18	86062-88	E	BUSHING - Nose wheel spacer	2	
	31786-03	F	BUSHING - Nose wheel spacer	2	
A - See Figure 26 for component parts. B - Order part for PA-30 with serial numbers 30-1199 and up if shimmy dampener incorporates a self-aligning end bearing. C - Order nose gear strut 22810-04 if shimmy dampener incorporates a self-aligning end bearing. D - Used on PA-30 with serial numbers 30-1717, 30-1745 and up, and PA-39 with serial numbers 39-1 and up. E - Used with Model No. 38501 nose wheel assembly. F - Used with Model No. 40-76B nose wheel assembly. G - Used on PA-30 with serial numbers 30-2 to 30-1716, 30-1718 to 30-1744 inclusive if Landing Gear Emergency Extension Security Installation Kit 760 627 has been installed per Service Spares Letter SP-325 or Nose Gear Down Lock Spring Installation Kit 761 082 has been installed per Service Letter 782. Y - Used on PA-30 airplanes only. Z - Used on PA-39 airplanes only.					

When ordering, always specify Part Number, Description and Serial Number of Aircraft



Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
24-19	20814-00		LINK ASSEMBLY - Nose gear left front drag	1	
-20	14843-18		BUSHING	2	
-21	20815-00		LINK ASSEMBLY - Nose gear right front drag	1	
-22	14843-18		BUSHING	2	
-23	20819-00		LINK ASSEMBLY - Nose gear right rear drag	1	
-24	14843-18		BUSHING	2	
-25	23109-00		LINK ASSEMBLY - Nose gear left rear drag	1	
-26	14843-18		BUSHING	1	
-27	14843-19		BUSHING	1	
-28	20821-02	CY	BRACE - Nose gear drag link cross	1	30-2 to 30-1716 inclusive, 30-1718 to 30-1744 inclusive
	26807-00	A	BRACE - Nose gear drag link cross	1	
-29	21698-00		PLATE - Nose gear switch actuator	1	
-30	21830-00		LUG - Nose gear spring rear attachment, right	1	
	21830-01	AB	LUG - Nose gear spring rear attachment, left	1	
-31	22066-00		BOLT - Special, left	1	
	407 587		WASHER - (AN960-616L) Left	1	
	404 103		NUT - (AN310-6) Left	1	
	424 059		PIN - Cotter (AN380-3-3) Left	1	
-32	22066-00		BOLT - Special, right	1	
	407 567		WASHER - (AN960-616) Right	1	
	404 103		NUT - (AN310-6) Right	1	
	424 059		PIN - Cotter (AN380-3-3) Right	1	
-33	400 009		BOLT - (AN4-14A)	4	
	407 565		WASHER - (AN960-416)	4	
	404 888		NUT - (MS20366-428C)	4	
-34	401 266	Y	BOLT - (AN3-5A)	2	30-2 to 30-1716 inclusive, 30-1718 to 30-1744 inclusive
	401 266	A	BOLT - (AN3-5A)	3	
	407 584	Y	WASHER - (AN960-10L)	2	30-2 to 30-1716 inclusive, 30-1718 to 30-1744 inclusive
	407 584	A	WASHER - (AN960-10L)	3	
	404 887	Y	NUT - (MS20366-1032C)	2	30-2 to 30-1716 inclusive, 30-1718 to 30-1744 inclusive
	404 887	A	NUT - (MS20366-1032C)	3	
-35	400 004		BOLT - (AN4-7A)	1	
	407 565		WASHER - (AN960-416)	1	
	404 888		NUT - (MS20366-428C)	1	
-36	21868-00	Y	BRACKET - Nose gear switch mounting	1	30-2 to 30-694 inclusive
	24916-00	YZ	BRACKET - Nose gear switch mounting	1	30-695 and up, 39-1 and up
-37	480 700		PIN - Roll (59-022-094-0375)	1	
-38	419 600		SCREW - Drive (AN535-2-4)	1	

A - Used on PA-30 with serial numbers 30-1717, 30-1745 and up,
and PA-39 with serial numbers 39-1 and up.

B - Used on PA-30 with serial numbers 30-2 to 30-1716, 30-1718
to 30-1744 inclusive if Landing Gear Emergency Extension
Security Installation Kit 760 627 has been installed per
Service Spares Letter SP-325 or Nose Gear Down Lock Spring
Installation Kit 761 082 has been installed per Service Letter
782.

C - Order part number 26807-00 if Landing Gear Emergency
Extension Security Installation Kit 760 627 has been installed
per Service Spares Letter SP-325.

Y - Used on PA-30 airplanes only.

Z - Used on PA-39 airplanes only.

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Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
24-39	21820-02		SHIM - (.016)	AR	
	21820-03		SHIM - (.020)	AR	
	21820-04		SHIM - (.032)	AR	
-40	400 748		BOLT - (AN25-36)	2	
	407 566		WASHER - (AN960-516)	2	
	404 394		NUT - (AN320-5)	2	
	424 051		PIN - Cotter (AN380-2-2)	2	
-41	402 530		BOLT - (AN178-40)	2	
	407 569		WASHER - (AN960-816)	4	
	404 105		NUT - (AN310-8)	2	
	424 059		PIN - (AN380-3-3)	2	
-42	451 755	CD	WHEEL ASSEMBLY - Nose (38501)	1	
	451 784	C	WHEEL ASSEMBLY - Nose (40-76B)	1	39-149, 39-152 and up
-43	761 972		TIRE - (6.00 x 6 - 6 ply) B. F. Goodrich	1	
	761 995		TIRE - (6.00 x 6 - 6 ply) McCreary Airhawk	1	
	762 033		TIRE - (6.00 x 6 - 6 ply) Goodyear Flight Custom II	1	
-44	451 735		TUBE - (6.00 x 6)	1	
-45	400 223		BOLT - (AN6-30) Left	1	
	407 567		WASHER - (AN960-616) Left	3	
	404 103		NUT - (AN310-6) Left	1	
	424 059		PIN - Cotter (AN380-3-3) Left	1	
-46	400 218		BOLT - (AN6-25) Right	1	
	407 567		WASHER - (AN960-616) Right	2	
	404 103		NUT - (AN310-6) Right	1	
	424 059		PIN - Cotter (AN380-3-3) Right	1	
-47	86062-86		AXLE - Landing gear wheel	1	
-48	752 482		NUT - Axle (MS20364-624C)	2	
-49	21708-00		BELLCRANK ASSEMBLY - Nose wheel steering	1	
-50	21831-02		* BEARING	1	
-51	80012-06	Y	BUSHING - Right	1	
	80012-06	B	BUSHING - Left	1	
-52	400 105	AY	BOLT - (AN4-10)	1	30-2 to 30-1198 inclusive
	400 441	YZ	BOLT - (AN3-7A)	1	30-1199 and up, 39-1 and up
	407 565	AY	WASHER - (AN960-416)	3	30-2 to 30-1198 inclusive
	407 584	YZ	WASHER - (AN960-10L)	1	30-1199 and up, 39-1 and up
	404 101	AY	NUT - (AN310-4)	1	30-2 to 30-1198 inclusive
	404 887	YZ	NUT - (MS20365-1032C)	1	30-1199 and up, 39-1 and up
	424 051	Y	PIN - Cotter (AN380-2-2)	1	30-2 to 30-1198 inclusive
A - Order part for serial numbers 30-1199 and up if shimmy dampener incorporates a self-aligning end bearing. B - Used on PA-30 with serial numbers 30-1717, 30-1745 and up, and PA-39 with serial numbers 39-1 and up. Also used on PA-30 with serial numbers 30-2 to 30-1716, 30-1718 to 30-1744 incl. if Landing Gear Emergency Extension Security Installation Kit 760 627 has been installed per Service Spares Letter SP-325 or Nose Gear Down Lock Spring Installation Kit 761 082 has been installed per Service Letter 782. C - See Figure 27A for component parts. D - Used on PA-30 with serial numbers 30-2 to 30-2000 inclusive and PA-39 with serial numbers 39-1 to 39-148 inclusive, 39-150 and 39-151. Part is no longer available. Order Wheel Assembly Part No. 451 784 and two spacer bushings Part No. 31786-03 when replacing Model No. 38501 wheel. Order Part No. 451 784 wheel only, if Model No. 40-76B has previously been installed. Y - Used on PA-30 airplanes only. Z - Used on PA-39 airplanes only.					

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Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
24-53	400 109		BOLT - (AN4-14)	1	
	407 565		WASHER - (AN960-416)	1	
	404 101		NUT - (AN310-4)	1	
	424 051		PIN - Cotter (AN380-2-2)	1	
-54	14976-17		BUSHING	1	
-55	23956-00		BLANKET ASSEMBLY - Nose wheel well	1	
-56	401 311		BOLT - (AN4-11A)	2	
	407 565		WASHER - (AN960-416)	2	
	404 888		NUT - (MS20365-428C)	2	
-57	400 227		BOLT - (AN6-34)	1	
	407 567		WASHER - (AN960-616)	1	
	404 103		NUT - (AN310-6)	1	
	424 059		COTTER PIN - (MS24665-283)	1	

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