



PA-32RT

LANCE II

PARTS CATALOG

CARD 1 OF 2

PA-32RT-300

PA-32RT-300T

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 1A8 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-32RT Parts Catalog issued October 28, 1977 are as follows:

761 640 (PR780911).....	Dated September 1978
761 640 (PR790509).....	Dated May 1979
761 640 (PR800415).....	Dated April 1980
761 640 (PR810410).....	Dated April 1981
761 640 (PR830113).....	Dated January 1983

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.

INTRODUCTION

This Illustrated Parts Catalog is designed to provide simple but positive identification of replacement parts for the Piper Lance II Model PA-32RT, manufactured by the Piper Aircraft Corporation of Vero Beach, Florida.

NOTE: UNDER NO CIRCUMSTANCES SHALL THIS CATALOG BE USED FOR RIGGING AND INSTALLATION PURPOSES.

It is suggested that this catalog be thoroughly studied to determine its arrangement prior to its utilization.

1. The catalog is divided into fourteen (14) major sections described as follows:
 - a. Section I to XIII inclusive contains all replacement parts for the complete airplane. Each section is subdivided and each division includes an illustration and a parts listing.
 - b. Section XIV is the Miscellaneous Group. This group includes an illustration and parts list for the Placards and Exterior Stencils and a listing of the Optional Equipment Kits, Repair Kits and Special Tools.
2. The following is a brief explanation of the columns in the parts listing:
 - a. The "FIGURE AND INDEX" column indicates the illustration figure number and its part index number. EXAMPLE: (2-1), the 2 is the figure number and the 1 is the index number. The figure number appears only at the top of each parts listing page or at the beginning of each new parts listing.
 - b. The "PART NUMBER" column contains the identifying number of the replacement part and this number must be shown on all Parts Orders.
 - c. The "CODE" column is for the purpose of indicating special uses of the part. An explanation of the letter code used is shown on the grid (page) preceding each parts listing and pertains to that listing only.

ALL PARTS CODED WITH A "W" MUST BE PURCHASED FROM
PIPER AIRCRAFT CORPORATION, LOCK HAVEN, PENNA.

ALL PARTS NOT CODED WITH A "W" MUST BE PURCHASED FROM
PIPER AIRCRAFT CORPORATION, VERO BEACH, FLORIDA.

- d. The "NOMENCLATURE" column indicates the part name. This name must be shown on all Parts Orders.
- e. The "NO. REQ." (Number Required) column represents the total quantity of parts used per figure when the part is not indented and the quantity of parts used per assembly when the part is indented. The symbol "AR" listed in this column means "As Required".
- f. The "SERIAL NUMBERS AFFECTED" column indicates the part application by airplane serial number.

Indentation Example: Indentations of listings in the "Nomenclature column" indicates "assemblies" and "components" or "parts", in order of their indentations.

EXAMPLE					
Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
			DOOR ASSEMBLY - Baggage compartment	1	
			• FRAME ASSEMBLY - Baggage compartment door	1	
			• • HINGE ASSEMBLY - Baggage door	1	
			• • CLIP - Baggage door spring	1	

This listing is interpreted as follows:

If the DOOR ASSEMBLY (not indented) is ordered, it will include the three items listed under that item.

If the FRAME ASSEMBLY (indented one space) is ordered, it will include the two items listed under the sub-assembly

If you want only a HINGE ASSEMBLY or CLIP, you order only that item.

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3. The "ATTACHING PARTS" such as nuts, bolts, screws, etc., that are available as commercial hardware items, are not generally supplied by the Piper Aircraft Corporation. This catalog lists, for your convenience, those attaching parts required for main assemblies and installations. The identifying number for these parts appears after the part name.

4. All items of Optional Equipment are contained in the parts list in their proper sequence and sections. These items were not marked optional, since they are fully identified by their descriptions.

HOW TO IDENTIFY A PART IF YOU KNOW WHAT IT LOOKS LIKE AND KNOW WHERE IT IS LOCATED

1. Refer to Figure 1 to determine the section number in which the part is used.
2. Refer to the Table of Contents and locate the section. Note the figure numbers that illustrate the various subgroups of this main section.
 - a. Select the Figure title you think might contain the part you wish to identify and proceed to the grid (page) specified.
3. NOTE: If you don't find the part on this illustration, try another figure in this group.
4. Refer to the "Figure and Index Number" in the Parts Listing for complete description of the part.

HOW TO ORDER PARTS

In ordering parts for your Piper airplanes, observe the following instructions which will aid in your getting the right parts required without delay:

- a. Place your order with the distributor or dealer for your territory, since parts are available only through our distributor organization.
- b. Always specify the model and serial number of your airplane.
- c. Always specify Part Number, Name, Type and Quantity Required.
- d. Specify the method of shipment: freight, express, parcel post, air express, air freight or air parcel post. Where the nature of the shipment requires it or when no instructions are given, we reserve the right to ship the most suitable way.

GENERAL INFORMATION

a. Shortages.

All orders are checked and rechecked before leaving our Shipping Department. A packing slip is enclosed with the shipment and claims for errors or shortages must be made within three (3) days after receipt of orders.

b. Returned Goods.

No material should be returned to us without first securing our written permission. Material sent in without notice will be held at the owner's risk for thirty (30) days and will then be disposed of as we see fit.

Transportation charges must be PREPAID on returned goods or the shipment will be refused.

c. Transportation Liabilities.

The Piper Aircraft Corporation cannot be held liable for damages to parts in transit from the factory. If a shipment is received in a damaged condition, have the delivery man or Transportation Company make a notation of the damage and file your claim with the Carrier. In case of concealed damage, do not attempt to remove the part from the shipping container, or endeavor to repair the damage, but call the Carrier and have his Claim Agent inspect the damage before filing your claim with the Carrier.

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PA-32RT SERIAL NUMBER INFORMATION

The following information should be kept in mind when ordering from this Catalog:

a. The serial numbers of the aircraft covered by this Parts Catalog are as follows:

- (1) Serial numbers of the 1978 PA-32RT-300 Models are 32R-7885001 to 32R-7885302 inclusive.
- (2) Serial numbers of the 1979 PA-32RT-300 Models are 32R-7985001 to 32R-7985125 inclusive.
- (3) Serial numbers of the 1978 PA-32RT-300T Models are 32R-7887001 to 32R-7887307 inclusive.
- (4) Serial numbers of the 1979 PA-32RT-300T Models are 32R-7987001 to 32R-7987146 inclusive.

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STANDARD PAINT CHART

	MFG. NO.	QUART	PIPER PART NUMBER GALLON
EXTERIOR			
ACRYLIC LACQUER			
Madrid Red	B-5511	4175 593	1175 593
Bahama Blue	B-9170	4175 436	1175 436
Lime Green	D-6449	4175 380	1175 380
Las Vegas Gold	G-2124-A	4175 332	1175 332
Denver Brown (base coat)	K-2790	4175 299	1175 299
Denver Brown (top coat)	B-5460	4175 409	1175 409
Dakota Black	H-6117-R	4175 373	1175 373
Baja Yellow	D-6448	4175 379	1175 379
Ocala Orange (base coat)	P7946	4175 499	1175 499
Ocala Orange (top coat)	C-2065-A	4175 500	1175 500
Juneau White	B-7784-A	4175 657	1175 657
Avocado	G-2352	4175 331	1175 331
Matador Red	R4418	4175 389	1175 389
Royal Blue	X5700	4175 390	1175 390
Hickory Brown	X9775	4175 392	1175 392
Indian Silver	M9514	4175 391	1175 391
Thinner	B5408-B	4179 402	1179 402

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STANDARD PAINT CHART

	MFG. NO.	QUART	PIPER PART NUMBER GALLON
EXTERIOR			
POLYURETHANE ENAMEL (Dupont Imron)			
Baja Yellow	H7850U	4175 461	1175 461
Juneau White	H7848U	4175 462	1175 462
Ocala Orange	H7857UM	4175 463	1175 463
Madrid Red	H7851UM	4175 464	1175 464
Bahama Blue	H7853U	4175 465	1175 465
Avocado	H7852U	4175 466	1175 466
Las Vegas Gold	5242U	4176 121	1176 121
Dakota Black	99U	4175 467	1175 467
Denver Brown	H7859U	4176 122	1176 122
Matador Red	H7858U	4175 468	1175 468
Royal Blue	H7856U	4175 469	1175 469
Hickory Brown	H7855U	4175 470	1175 470
Silver	45431U	4176 123	1176 123
Lime Green	H7854U	4175 460	1175 460
Catalyst (Activator)	192S	4179 950	1179 950
Reducer	8485S	4179 145	1179 145
Retarder	8100S	4179 559	1179 559
Accelerator	189S	4179 951	
POLYURETHANE PRIMER (Dupont Imron)			
Wash Primer	B9287	4170 766	1170 766
Wash Primer Thinner	K1733	4179 452	1179 452
Acid Thinner	B9289	4179 403	1179 403

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13	Fuselage Aft Section.....	1C9
14	Fuselage Forward Cabin Door.....	1C13
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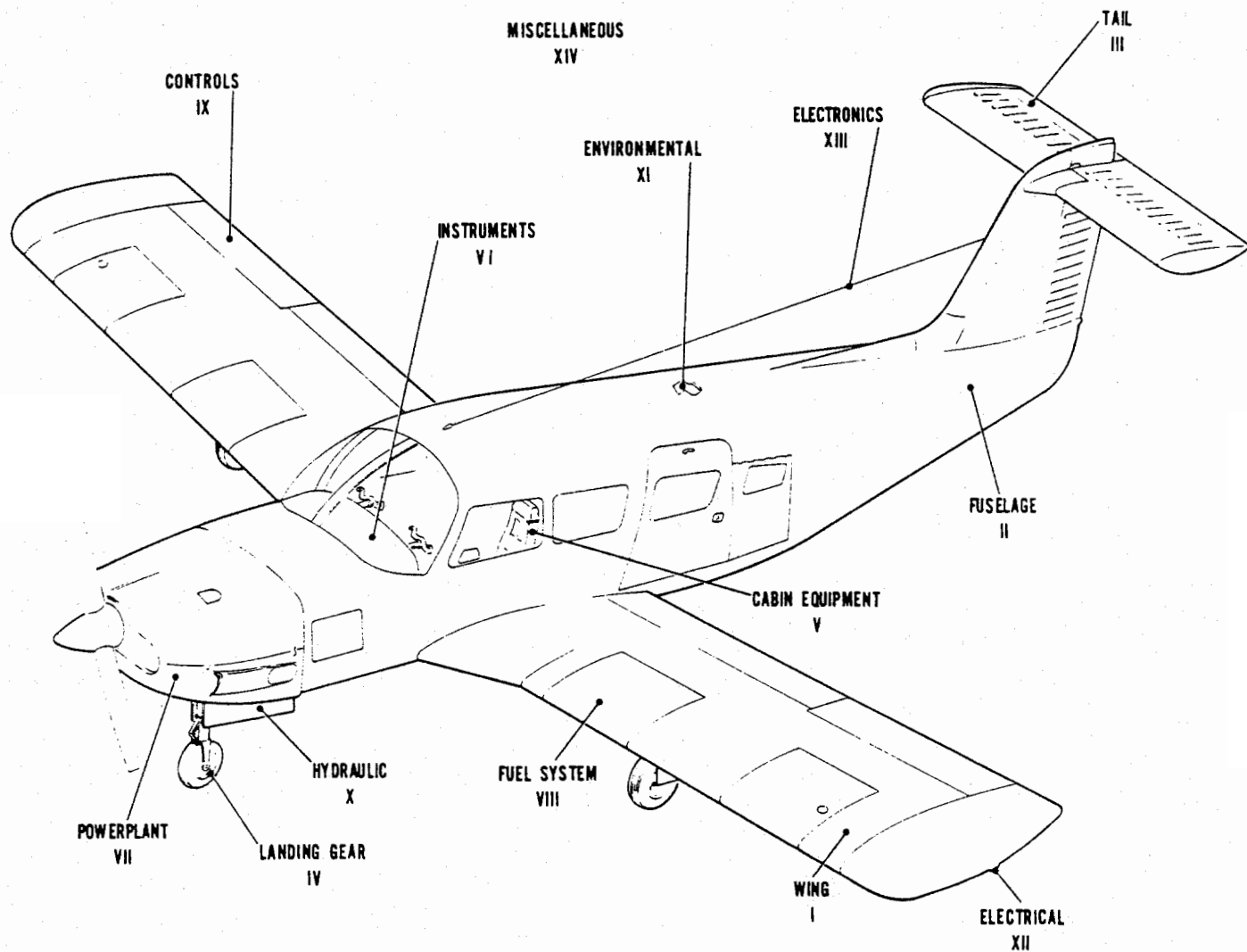


Figure 1. Complete Airplane

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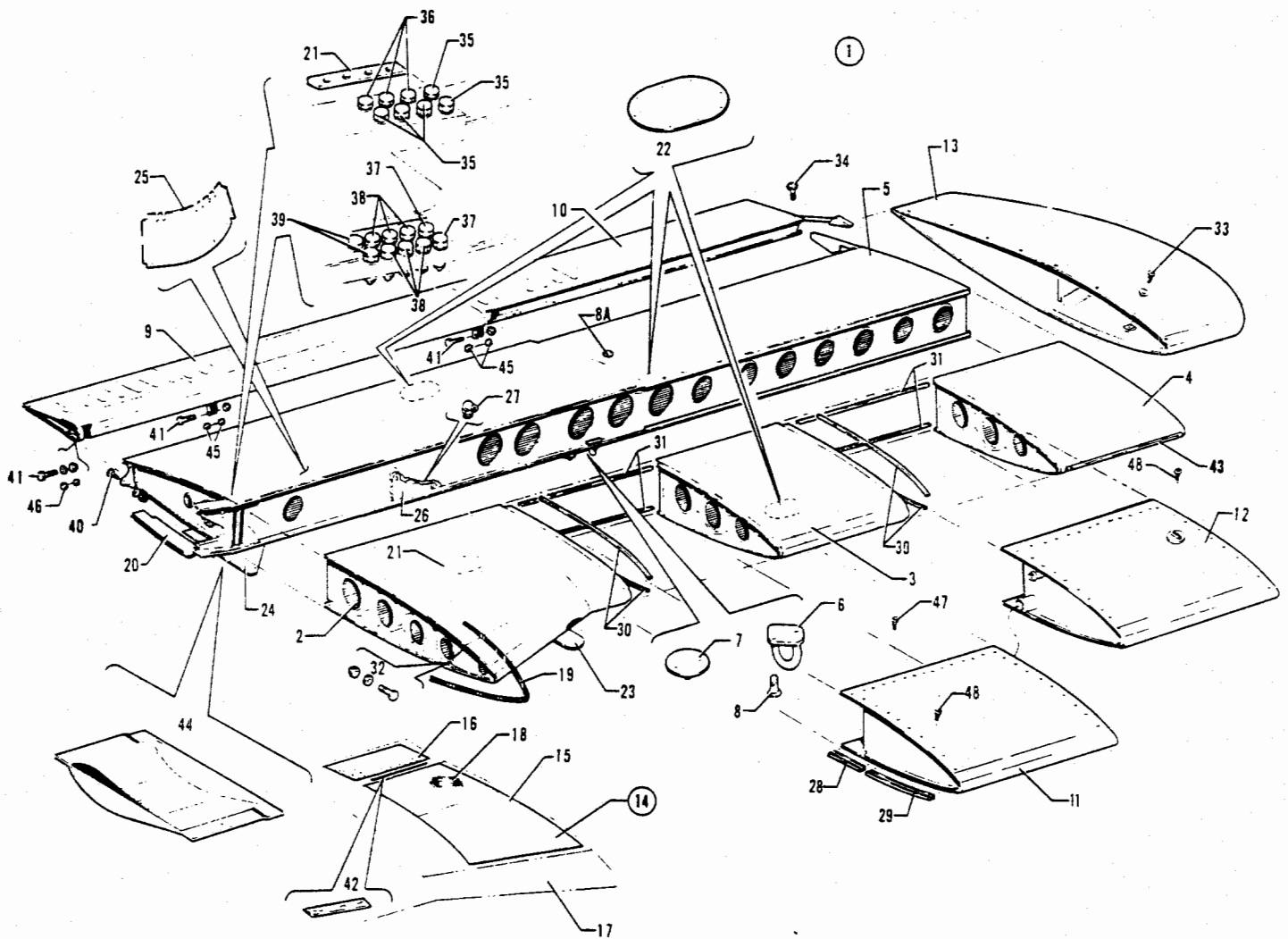


Figure 2. Wing Installation

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CODE EXPLANATIONS FOR FIGURE 2

- A - See Figure 3 for component parts.
- B - See Figure 4 for component parts.
- C - See Figure 5 for component parts.
- D - See Figure 6 for component parts.
- E - See Figure 55 for component parts.
- F - This assembly includes brake lines, pitot lines (in left wing only), hydraulic lines, fuel lines, electrical harness, inspection cover plates, cable guard tubes and air vent duct tubes.
- G - Used on PA-32RT-300 only.
- H - Used on PA-32RT-300T only.
- J - Complete kit required if replacing safety walk compound painted on wing.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

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Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
2-	38121		DRAWING - Wing Installation		
-1	38121-970	F,G	WING ASSEMBLY - Left	1	
	38121-980	F,H	WING ASSEMBLY - Left	1	
	38121-971	F,G	WING ASSEMBLY - Right	1	
	38121-981	F,H	WING ASSEMBLY - Right	1	
-2	38121-906	A	* LEADING EDGE ASSEMBLY - Wing inboard, left	1	
	38121-907	A	* LEADING EDGE ASSEMBLY - Wing inboard, right	1	
-3	38121-910	A	* LEADING EDGE ASSEMBLY - Wing center, left	1	
	38121-911	A	* LEADING EDGE ASSEMBLY - Wing center, right	1	
-4	38121-908	A	* LEADING EDGE ASSEMBLY - Wing outboard, left	1	
	38121-909	A	* LEADING EDGE ASSEMBLY - Wing outboard, right	1	
-5	38121-976	B,G	* TRAILING EDGE ASSEMBLY - Wing aft section, left	1	
	38121-986	B,H	* TRAILING EDGE ASSEMBLY - Wing aft section, left	1	
	38121-977	B,G	* TRAILING EDGE ASSEMBLY - Wing aft section, right	1	
	38121-987	B,H	* TRAILING EDGE ASSEMBLY - Wing aft section, right	1	
-6	18457-00	W	* RING - Tie down	1	
-7	35725-02		* PAD - Jack	1	
-8	410 043	W	* SCREW - (MS24694-S56)	2	
-8a	453 966		* BUTTON - Plug (HS48172-P5042)	2	
-9	65591-00	C	FLAP ASSEMBLY - Left	1	
	65590-01	C	FLAP ASSEMBLY - Right	1	
-10	66767-00	D	AILERON ASSEMBLY - Left	1	
	66767-01	D	AILERON ASSEMBLY - Right	1	
-11	95071-04	E	TANK ASSEMBLY - Fuel, wing, inboard, left	1	
	95071-05	E	TANK ASSEMBLY - Fuel, wing, inboard, right	1	
-12	95070-04	E	TANK ASSEMBLY - Fuel, wing, outboard, left	1	
	95070-05	E	TANK ASSEMBLY - Fuel, wing, outboard, right	1	
-13	38102-00		TIP ASSEMBLY - Wing, left	1	
	38102-01		TIP ASSEMBLY - Wing, right	1	
-14	763 848	J	KIT - Pressure sensitive wing walk installation	1	
-15	79174-00		* WING WALK - Safety, wing, right, complete	1	
-16	79174-04		* WING WALK - Safety, flap	1	
-17	69736-02		* RETAINER - Wing walk	1	
-18	179 872		SAFETY WALK COMPOUND - Black (one quart can)	1	
-19	65773-00		MOULDING - Wing root	2	
-20	67723-00		PLATE ASSEMBLY - Aft wing access, left	1	
	67723-01		PLATE ASSEMBLY - Aft wing access, right	1	
-21	62121-00		SHIM - Wing attachment	2	
-22	62109-00		COVER - Inspection	4	
-23	38118-05		COVER - Inspection	2	
-24	38169-00		PLATE - Gusset	2	
-25	67164-00		COVER - Cylinder access, left	1	
	67164-01		COVER - Cylinder access, right	1	
-26	95643-06		BRACKET ASSEMBLY - Main gear truss, left	1	
	95643-07		BRACKET ASSEMBLY - Main gear truss, right	1	
-27	460 801	W	* FITTING - Lubricator, 90° (MS15001-4)	1	
-28	96926-00		CHANNEL - Gang, self-locking nut assembly	2	
-29	96927-00		CHANNEL - Gang, self-locking nut assembly	2	
-30	96926-00		CHANNEL - Gang, length 7.00 inches	8	
	406 942		CHANNEL - Gang (PS10062-2-7), length 17.00 inches	8	
-31	406 927		CHANNEL - Gang (PS10062-2-2), length 27.64 inches	8	
-32	402 680		BOLT - (NAS1104-17)	2	
	407 565	W	WASHER - (AN960-416) (under nut)	4	
	406 637		NUT - (MS21045-4)	2	
-33	414 763	W	SCREW - (MS24693-S50)	52	
	494 101	W	WASHER - (PS10092-1-2C)	52	
	477 672		NUT - (PS10062-5-1)	52	

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

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Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
2-34	416 327		SCREW - (AN525-10R8)	16	
	407 564	W	WASHER - (AN960-10)	16	
	404 887	W	NUT - (MS20365-1032C)	16	
-35	402 366		BOLT - (AN176-15A)	8	
	407 567	W	WASHER - (AN960-616)	30	
	404 532		NUT - (MS21042-6)	8	
-36	402 349		BOLT - (AN176-14A)	8	
	407 567	W	WASHER - (AN960-616)	22	
	404 532		NUT - (MS21042-6)	8	
-37	402 349		BOLT - (AN176-14A)	4	
	407 567	W	WASHER - (AN960-616)	4	
	96352-03		WASHER	4	
	404 532		NUT - (MS21042-6)	4	
-38	402 349		BOLT - (AN176-14A)	12	
	407 567	W	WASHER - (AN960-616)	24	
	96352-03		WASHER	12	
	404 532		NUT - (MS21042-6)	12	
-39	402 349		BOLT - (AN176-14A)	4	
	96352-03		WASHER	8	
	404 532		NUT - (MS21042-6)	4	
-40	402 915		BOLT - (NAS464P6LA6)	2	
	407 567	W	WASHER - (AN960-616)	2	
	404 532		NUT - (MS21042-6)	2	
-41	400 444	W	BOLT - (AN3-13A) Inboard	2	
	401 270	W	BOLT - (AN3-11A) Outboard	4	
	407 564	W	WASHER - (AN960-10)	6	
	404 887	W	NUT - (MS20365-1032C)	6	
-42	35664-02		PLACARD - Flap warning	1	
-43	98700-02		STRIP - Flow (left and right wing)	2	
-44	63942-00		COVER - Wing bolt, left	1	
	63942-01		COVER - Wing bolt, right	1	
-45	63900-19		BUSHING - Flap hinge, center and outboard	8	
-46	63900-20		BUSHING - Flap hinge, inboard	4	
-47	415 312		SCREW - (MS27039-0812)	60	
-48	415 309		SCREW - (MS27039-0809)	218	

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

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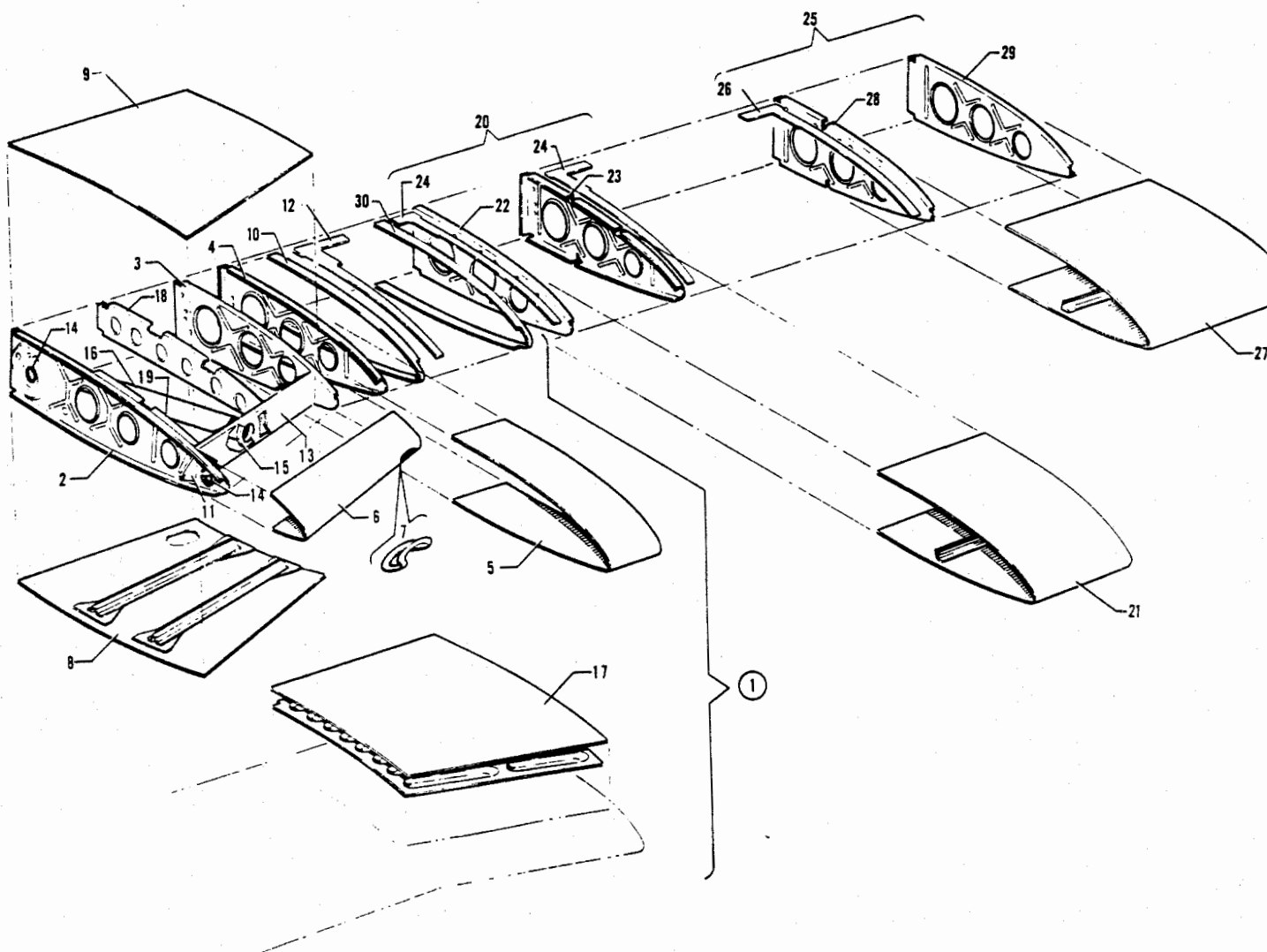


Figure 3. Wing Leading Edge Assembly

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CODE EXPLANATIONS FOR FIGURE 3

A - See Figure 84 if Radar System is installed.

SECTION I
Wing Group

WING LEADING EDGE ASSEMBLY

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Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
3-1	38121-906		LEADING EDGE ASSEMBLY - Wing inboard, left	1	
	38121-907		LEADING EDGE ASSEMBLY - Wing inboard, right	1	
-2	95639-02		RIB - Wing nose, root, left	1	
	95639-03		RIB - Wing nose, root, right	1	
-3	38223-00		RIB - Wing nose, Sta. 49.25, left	1	
	38223-01		RIB - Wing nose, Sta. 49.25, right	1	
-4	62022-04		RIB - Wing nose, Sta. 57.00, left	1	
	62022-05		RIB - Wing nose, Sta. 57.00, right	1	
-5	38118-00		SKIN ASSEMBLY - Inboard wing	1	
-6	68113-200		SKIN ASSEMBLY - Leading edge, left	1	
	68113-201		SKIN ASSEMBLY - Leading edge, right	1	
-7	68111-00		DOUBLER - Air inlet	1	
-8	38217-00		SKIN ASSEMBLY - Bottom, inboard root, left	1	
	38217-01		SKIN ASSEMBLY - Bottom, inboard root, right	1	
-9	62087-05		SKIN ASSEMBLY - Top, inboard root, left	1	
-10	62091-02		STRAP - Fuel tank attachment	1	
-11	66761-02		FITTING - Forward spar, left	1	
	66761-03		FITTING - Forward spar, right	1	
-12	96844-03		SPACER - Wing rib, Sta. 57.00	1	
-13	66623-00		SPAR - Leading edge, inboard, left	1	
	66623-01		SPAR - Leading edge, inboard, right	1	
-14	68119-00		GASKET - Air duct	2	
-15	66621-00		DOUBLER - Forward spar	1	
-16	66620-00		TUBE ASSEMBLY - Air duct	1	
-17	62061-05		WING WALK - Forward, right	1	
-18	38218-00		RIB - Wing walk, Sta. 36.92, left	1	
	38218-01		RIB - Wing walk, Sta. 36.92, right	1	
-19	38211-00		RIB - Half, wing root, left	1	
	38211-01		RIB - Half, wing root, right	1	
-20	38121-910		LEADING EDGE ASSEMBLY - Wing center, left	1	
	38121-911		LEADING EDGE ASSEMBLY - Wing center, right	1	
-21	38167-04		SKIN ASSEMBLY - Middle section, left	1	
	38167-01		SKIN ASSEMBLY - Middle section, right	1	
-22	95619-03		RIB - Wing nose, Sta. 88.75, left	1	
	95619-02		RIB - Wing nose, Sta. 88.75, right	1	
-23	95615-02		RIB - Wing nose, Sta. 115.95, left	1	
	95615-03		RIB - Wing nose, Sta. 115.95, right	1	
-24	96844-00		SPACER - Wing rib	2	
-25	38121-908		LEADING EDGE ASSEMBLY - Wing outboard, left	1	
	38121-909		LEADING EDGE ASSEMBLY - Wing outboard, right	1	
-26	96844-00		SPACER - Wing rib	1	
-27	38119-00		SKIN ASSEMBLY - Outboard, left	1	
	38119-01	A	SKIN ASSEMBLY - Outboard, right	1	
-28	95619-03		RIB - Wing nose, Sta. 147, left	1	
	95619-02		RIB - Wing nose, Sta. 147, right	1	
-29	62024-00		RIB - Wing nose, Sta. 171.35, left	1	
	62024-01		RIB - Wing nose, Sta. 171.35, right	1	
-30	95628-00		STRAP - Fuel tank attachment	3	

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

PIPER PARTS CATALOG

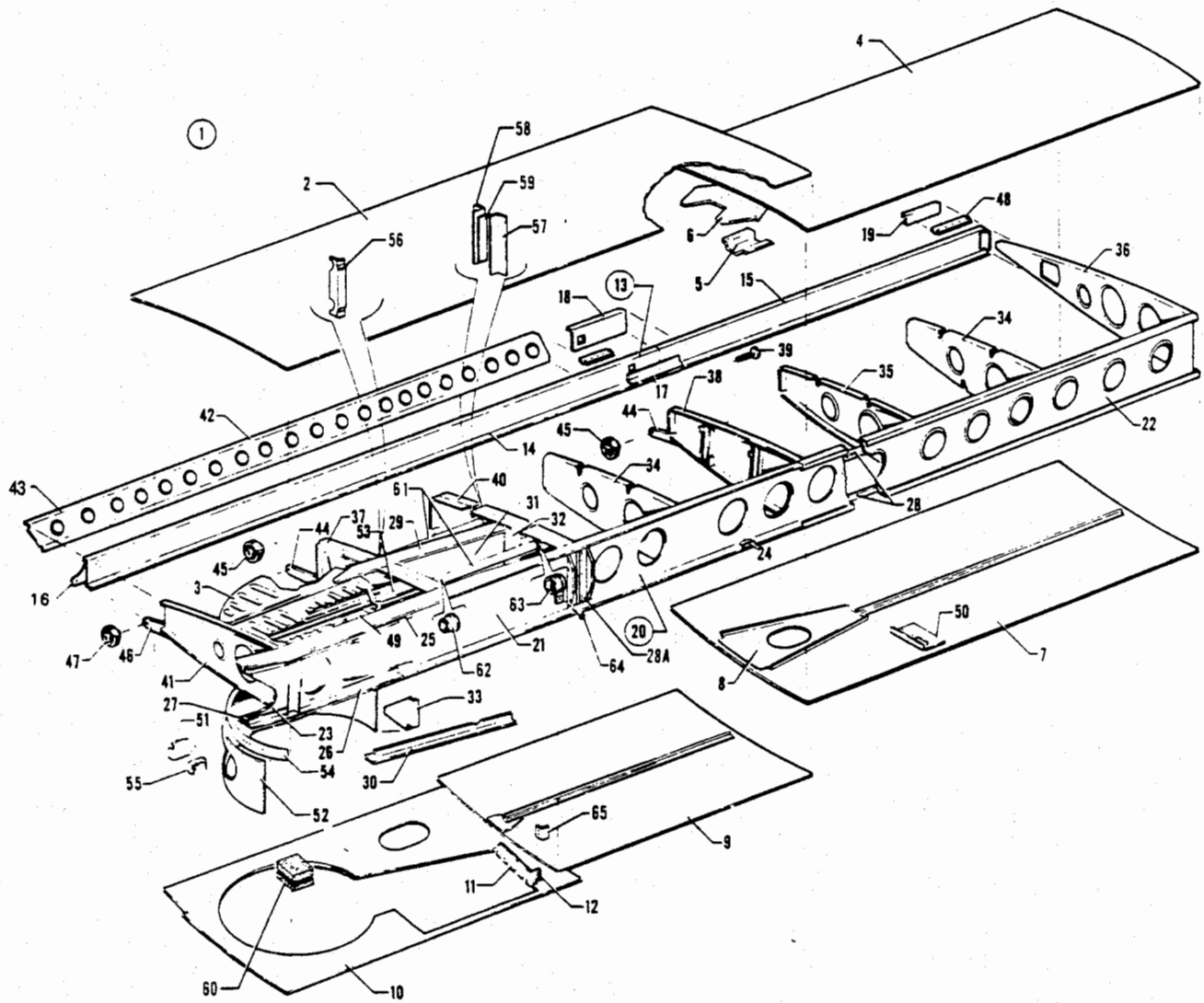


Figure 4 Wing Trailing Edge Assembly

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 4

- A - Used on PA-32RT-300 only.
- B - Used on PA-32RT-300T only.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
4-1	38121-976	A	TRAILING EDGE ASSEMBLY - Wing aft section, left	1	
	38121-986	B	TRAILING EDGE ASSEMBLY - Wing aft section, left	1	
	38121-977	A	TRAILING EDGE ASSEMBLY - Wing aft section, right	1	
	38121-987	B	TRAILING EDGE ASSEMBLY - Wing aft section, right	1	
-2	38121-957		* SKIN ASSEMBLY - Top, inboard, left	1	
	38121-958		* SKIN ASSEMBLY - Top, inboard, right	1	
-3	67673-00		* * PAN - Wheel well	1	
-4	67060-04		* SKIN ASSEMBLY - Top, outboard, left	1	
	67060-05		* SKIN ASSEMBLY - Top, outboard, right	1	
-5	95678-02		* * BRACKET - Aileron bellcrank support	1	
-6	95021-00		* * DOUBLER - Aileron bellcrank support, left	1	
	95021-01		* * DOUBLER - Aileron bellcrank support, right	1	
-7	67061-04		* SKIN ASSEMBLY - Bottom, outboard, left	1	
	67061-05		* SKIN ASSEMBLY - Bottom, outboard, right	1	
-8	67053-00		* * DOUBLER - Aileron bellcrank support	1	
-9	38206-00		* SKIN ASSEMBLY - Bottom, center, left	1	
	38206-01		* SKIN ASSEMBLY - Bottom, center, right	1	
-10	67690-08		* SKIN ASSEMBLY - Bottom, inboard, left	1	
	67690-09		* SKIN ASSEMBLY - Bottom, inboard, right	1	
-11	67095-00		* * HINGE - Main gear door, left	1	
	67095-01		* * HINGE - Main gear door, right	1	
-12	95668-00		* * BRACKET - Main gear up switch, left	1	
	95668-01		* * BRACKET - Main gear up switch, right	1	
-13	62053-00		* SPAR ASSEMBLY - Wing, aft, left	1	
	62053-01		* SPAR ASSEMBLY - Wing, aft, right	1	
-14	62054-00		* * SPAR - Aft, inboard, left	1	
	62054-01		* * SPAR - Aft, inboard, right	1	
-15	62055-00		* * SPAR - Aft, outboard	1	
-16	66762-00		* * PLATE - Aft spar	1	
-17	62057-00		* * DOUBLER - Aft spar, forward	1	
-18	62058-00		* * DOUBLER - Aft spar, rear, left	1	
	62058-01		* * DOUBLER - Aft spar, rear, right	1	
-19	62105-00		* * DOUBLER - Aft spar, outboard	1	
-20	38100-00		* SPAR ASSEMBLY - Wing, main, inboard, left	1	
	38100-01		* SPAR ASSEMBLY - Wing, main, inboard, right	1	
-21	67069-00		* * SPAR - Wing, main, inboard, left	1	
	67069-01		* * SPAR - Wing, main, inboard, right	1	
-22	66582-00		* * SPAR - Wing, main, outboard, left	1	
	66582-01		* * SPAR - Wing, main, outboard, right	1	
-23	38099-00		* * DOUBLER - Main spar root	2	
-24	66529-00		* * CHANNEL - Gang	1	
-25	38098-00		* * ANGLE - Main spar, upper left	1	
	38098-01		* * ANGLE - Main spar, upper right	1	
-26	38097-02		* * ANGLE - Main spar, lower left, forward	1	
	38097-03		* * ANGLE - Main spar, lower right, forward	1	
-27	38097-01		* * ANGLE - Main spar, lower left, aft	1	
	38097-00		* * ANGLE - Main spar, lower right, aft	1	
-28	38115-00		* * ANGLE - Main spar, lower left, upper right	2	
	38115-01		* * ANGLE - Main spar, lower right, upper left	2	
-28a	38195-00		* * ANGLE - Main gear trunnion stiffener	2	
-29	67097-02		* CAP - False spar, top, left	1	
	67097-03		* CAP - False spar, top, right	1	
-30	67689-02		* CAP - False spar, bottom, left	1	
	67689-03		* CAP - False spar, bottom, right	1	
-31	67079-00		* WEB - False spar, left	1	
	67079-01		* WEB - False spar, right	1	
-32	67103-00		* BRACKET - Wheel well, left	1	
	67103-01		* BRACKET - Wheel well, right	1	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
4-33	67691-00		* BRACKET - Wheel well, left	1	
	67691-01		* BRACKET - Wheel well, right	1	
-34	66598-00		* RIB - Sta. 86.03 and Sta. 147, left	2	
	66598-01		* RIB - Sta. 86.03 and Sta. 147, right	2	
-35	37388-01		* RIB - Sta. 125.45, left	1	
	37388-00		* RIB - Sta. 125.45, right	1	
-36	65020-06		* RIB - Sta. 172.05, left	1	
	65020-07		* RIB - Sta. 172.05, right	1	
-37	78475-04		* RIB ASSEMBLY - Sta. 49.25, left	1	
	78475-05		* RIB ASSEMBLY - Sta. 49.25, right	1	
-38	95025-00		* RIB ASSEMBLY - Sta. 106.19, left	1	
	95025-01		* RIB ASSEMBLY - Sta. 106.19, right	1	
-39	66614-00		* * STOP ASSEMBLY - Aileron bellcrank	2	
-40	38210-00		* RIB ASSEMBLY - Sta. 69.24, left	1	
	38210-01		* RIB ASSEMBLY - Sta. 69.24, right	1	
-41	95636-00		* RIB - Sta. 24.24, left	1	
	95636-01		* RIB - Sta. 24.24, right	1	
-42	62129-04		* STIFFENER - Left outboard	1	
	62129-03		* STIFFENER - Right outboard	1	
-43	62129-08		* STIFFENER - Left inboard	1	
	62129-07		* STIFFENER - Right inboard	1	
-44	65898-04		* SUPPORT ASSEMBLY - Flap outboard and center	2	
-45	452 387		* * BEARING - (KP3A)	1	
-46	65898-00		* SUPPORT ASSEMBLY - Flap inboard, left	1	
	65898-01		* SUPPORT ASSEMBLY - Flap inboard, right	1	
-47	452 387		* * BEARING - (KP3A)	1	
-48	62371-08		* HINGE ASSEMBLY - Aileron	2	
-49	67071-00		* BRACKET - Main gear cylinder, left	1	
	67071-01		* BRACKET - Main gear cylinder, right	1	
-50	38116-00		* DOUBLER - Pitot static head, left	1	
-51	67678-00		* BRACKET ASSEMBLY - Pulley, aft wing, left	1	
	67678-01		* BRACKET ASSEMBLY - Pulley, aft wing, right	1	
-52	67694-200		* WEB - Wheel well, left	1	
	67694-201		* WEB - Wheel well, right	1	
-53	67670-00		* COVER - Control cable, left	1	
	67670-01		* COVER - Control cable, right	1	
-54	67687-00		* ANGLE - Wheel well, left	1	
	67687-01		* ANGLE - Wheel well, right	1	
-55	67677-00		* BRACKET - Pulley, aft wing, left	1	
	67677-01		* BRACKET - Pulley, aft wing, right	1	
-56	67065-00		* ANGLE - False spar	1	
-57	37487-00		* ANGLE - False spar	1	
-58	78159-00		* ANGLE - Aft rib	1	
-59	68817-35		* PLATE - False spar	1	
-60	63078-17		* PAD - Bumper, rubber	2	
-61	63904-24		HOSE - Aileron cable protection	2	
-62	453 901		BUSHING - (PS10064-1093-15)	4	
-63	454 862	W	CLAMP - (PS10017-2-14)	2	
-64	519 851		SCREW - (MS24622-30)	2	
	406 415		NUT - (NAS395-16-3)	2	
-65	95648-00		ANGLE - Main gear up switch, left	1	
	95648-01		ANGLE - Main gear up switch, right	1	

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

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This diagram shows an exploded perspective view of a door assembly. The components are labeled with numbers 1 through 7. 1 is a circular knob or handle. 2 is a long, thin rectangular panel. 3 is a small rectangular piece. 4 is a small rectangular piece. 5 is a small rectangular piece. 6 is a small rectangular piece. 7 is a small rectangular piece. The diagram illustrates how these components fit together to form the door assembly.

PA-32RT

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 5

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
5-1	66767-00		AILERON ASSEMBLY - Left	1	
	66767-01		AILERON ASSEMBLY - Right	1	
-2	62361-00		SPAR ASSEMBLY - Aileron, left	1	
	62361-01		SPAR ASSEMBLY - Aileron, right	1	
-3	62373-00		DOUBLER - Aileron, inboard left aileron, outboard right aileron	1	
	62373-01		DOUBLER - Aileron, outboard left aileron, inboard right aileron	1	
-4	62367-00		CHANNEL - Aileron push rod	1	
-5	62372-00		ANGLE - Push rod, inboard left aileron, outboard right aileron	1	
	62372-01		ANGLE - Push rod, outboard left aileron, inboard right aileron	1	
-6	65265-00		RIB - Aileron, left inboard, right outboard	1	
	65265-01		RIB - Aileron, right inboard, left outboard	1	
-7	66766-00		BALANCE WEIGHT ASSEMBLY - Left	1	
	66766-01		BALANCE WEIGHT ASSEMBLY - Right	1	
-8	68106-00		SKIN - Aileron, left	1	
	68106-01		SKIN - Aileron, right	1	

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

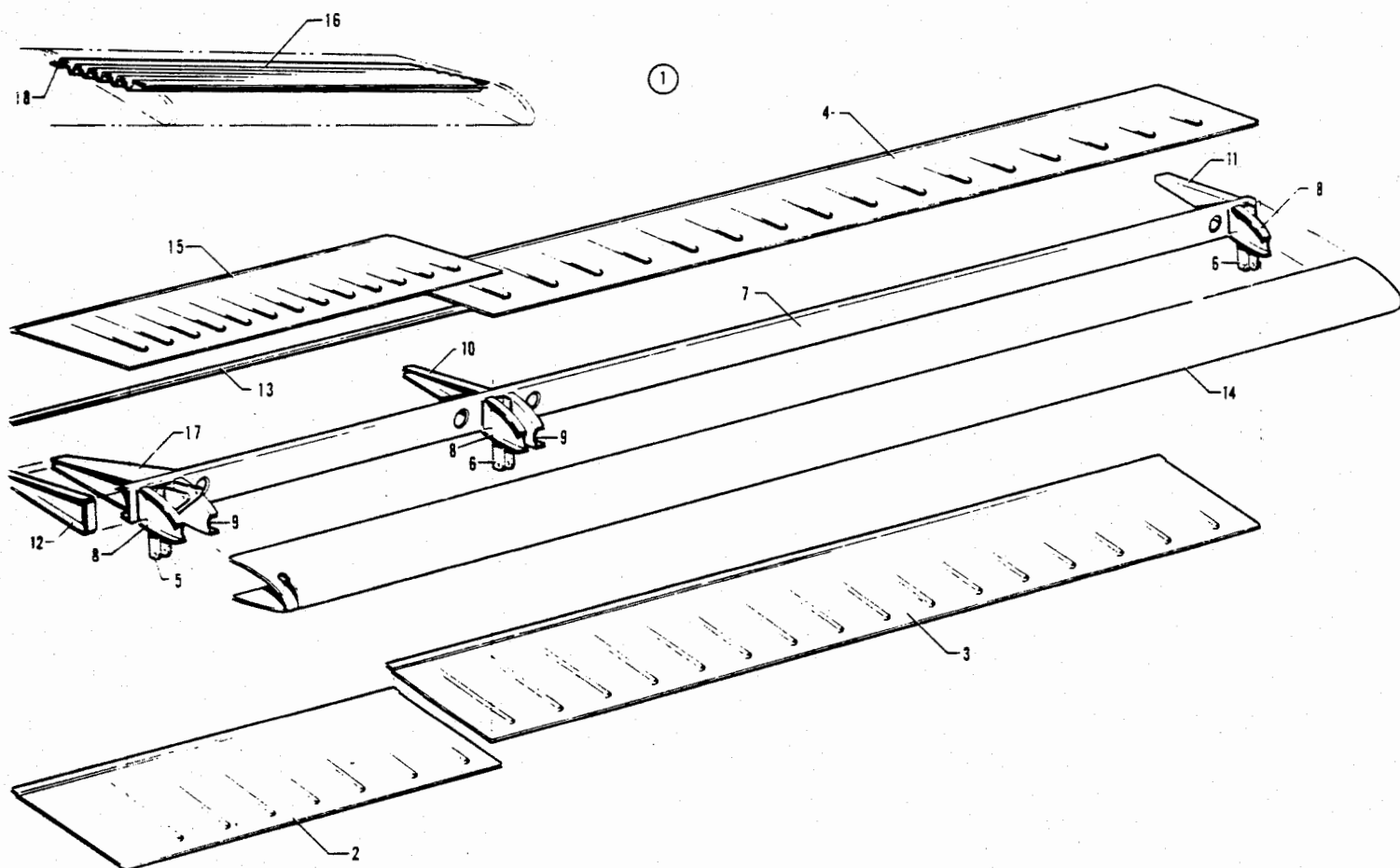


Figure 6. Flap Assembly

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 6

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
6-1	65591-00		FLAP ASSEMBLY - Left	1	
	65590-01		FLAP ASSEMBLY - Right	1	
-2	65592-00		* SKIN - Flap, bottom, left, inboard	1	
	65592-01		* SKIN - Flap, bottom, right, inboard	1	
-3	65588-00		* SKIN - Flap, bottom, left and right, outboard	1	
-4	65589-00		* SKIN - Flap, top, left and right, outboard	1	
-5	62324-00		* HINGE - Flap, inboard, left	1	
	62324-01		* HINGE - Flap, inboard, right	1	
-6	65899-00		* BRACKET - Flap hinge, center and outboard	2	
-7	62327-00		* SPAR - Flap	1	
-8	62328-00		* RIB - Left flap	3	
	62328-01		* RIB - Right flap	3	
-9	62328-01		* RIB - Left flap	2	
	62328-00		* RIB - Right flap	2	
-10	62332-02		* RIB - Flap, left, wing, Sta. 49	1	
	62332-00		* RIB - Flap, right, wing, Sta. 49	1	
-11	62330-00		* RIB - Flap, left	1	
	62330-01		* RIB - Flap, right	1	
-12	62331-00		* RIB - Flap, left, inboard	1	
	62331-01		* RIB - Flap, right, inboard	1	
-13	62320-03		* STRIP - Flap	1	
-14	65586-04		* SKIN - Flap, left, nose	1	
	65586-05		* SKIN - Flap, right, nose	1	
-15	65587-00		* SKIN - Flap, top, left, inboard	1	
	65594-01		* SKIN - Flap, top, right, inboard	1	
-16	65593-01		* CORRUGATION - Flap, top, right, inboard	1	
-17	62336-00		* DOUBLER ASSEMBLY - Left	1	
	62336-01		* DOUBLER ASSEMBLY - Right	1	
-18	65595-01		* ZEE - Flap, inboard right	1	

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

--- **PIPER PARTS CATALOG** ---

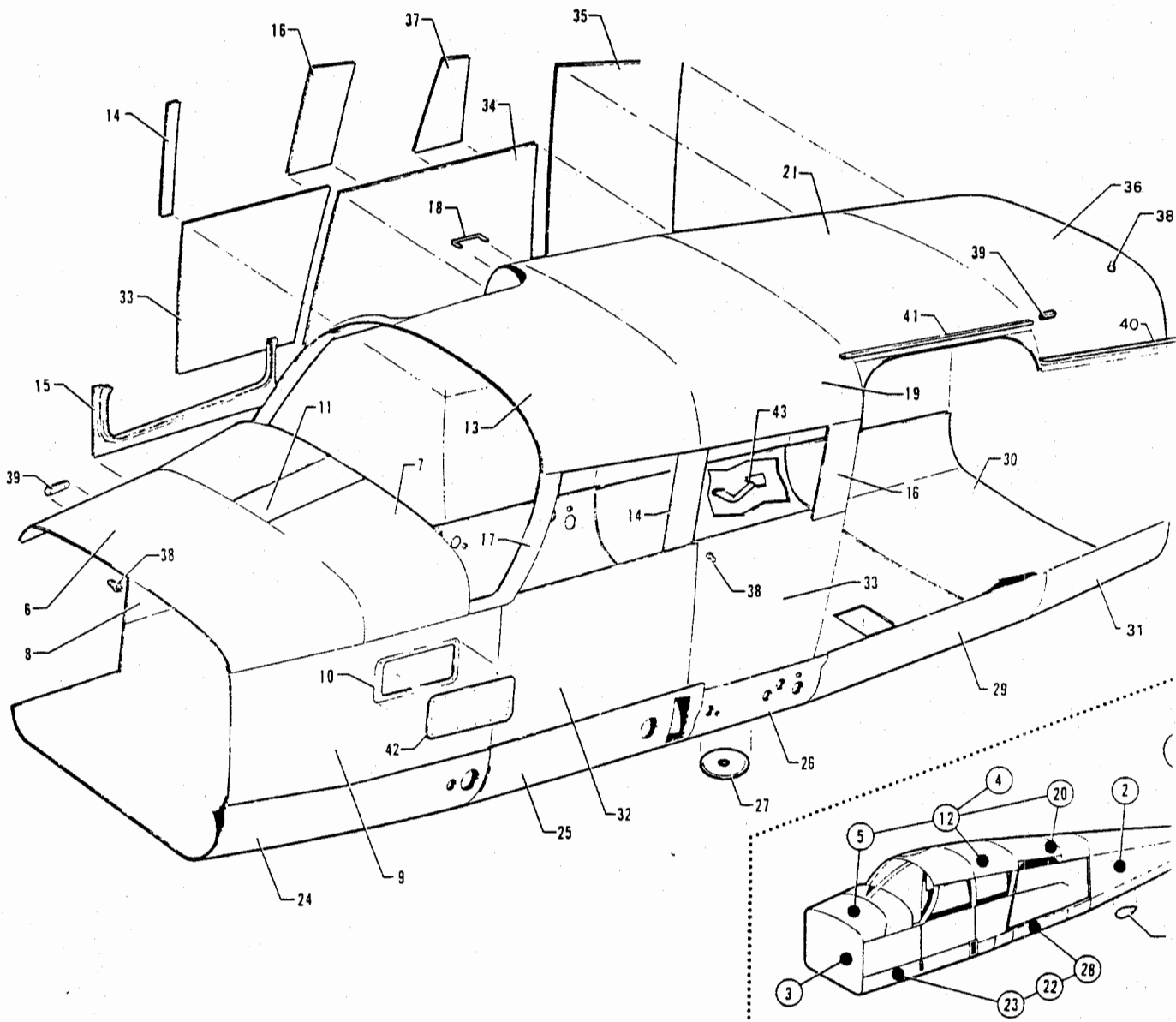


Figure 7. Fuselage Assembly - Complete

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 7

- A - Used on PA-32RT-300 only.
- B - Used on PA-32RT-300T only.
- C - See Figure 13 for component parts.
- D - When ordering, specify with or without provisions for air conditioning.
- E - See Figure 8 for balance of component parts.
- F - See Figure 9 for balance of component parts.
- G - See Figure 10 for balance of component parts.
- H - See Figure 11 for balance of component parts.
- J - See Figure 12 for balance of component parts.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
7-	38001		DRAWING - Fuselage Assembly		
-1	38001-02	A,D	FUSELAGE ASSEMBLY	1	
	38001-06	B,D	FUSELAGE ASSEMBLY	1	
-2	78903-903	C,D	* AFT SECTION - Fuselage	1	
-3	38001-923	A	* COCKPIT ASSEMBLY - Fuselage	1	
	38001-933	B	* COCKPIT ASSEMBLY - Fuselage	1	
-4	38001-908	A	* * COCKPIT ASSEMBLY - Fuselage, upper	1	
	38001-918	B	* * COCKPIT ASSEMBLY - Fuselage, upper	1	
-5	38001-909	A,E	* * * UPPER COCKPIT ASSEMBLY - Forward	1	
	38001-919	B,E	* * * UPPER COCKPIT ASSEMBLY - Forward	1	
-6	69908-901		* * * * SKIN - Top front	1	
-7	69895-900		* * * * SKIN - Top left	1	
	69895-901		* * * * SKIN - Top right	1	
-8	79563-902		* * * * SKIN - Right side	1	
-9	38229-900		* * * * SKIN - Left front	1	
-10	38046-00		* * * * DOUBLER - Access cover	1	
-11	78110-00		* * * PANEL - Center skin	1	
-12	38001-910	F	* * * * UPPER COCKPIT ASSEMBLY - Center	1	
-13	69899-900		* * * * SKIN - Top front	1	
-14	69691-00		* * * * SKIN - Left side, window trim	1	
	69694-00		* * * * SKIN - Right side, window trim	1	
-15	79547-02		* * * PAN - Upper cockpit	1	
-16	69692-00		* * * SKIN - Left side, window trim	1	
	69695-00		* * * SKIN - Right side, window trim	1	
-17	76255-00		* * * SKIN - Left side, window trim	1	
	79561-03		* * * SKIN - Right side, window trim	1	
-18	481 772	W	* * * HANDLE - (N12865)	1	
-19	69902-900		* * * SKIN - Top	1	
-20	38001-911	G	* * * * UPPER COCKPIT ASSEMBLY - Aft	1	
-21	69903-900		* * * * SKIN - Top	1	
-22	38001-905	A	* * COCKPIT ASSEMBLY - Fuselage, lower	1	
	38001-915	B	* * COCKPIT ASSEMBLY - Fuselage, lower	1	
-23	38001-906	A,H	* * * LOWER COCKPIT ASSEMBLY - Forward	1	
	38001-916	B,H	* * * LOWER COCKPIT ASSEMBLY - Forward	1	
-24	38228-900	A	* * * * SKIN - Bottom	1	
	38228-901	B	* * * * SKIN - Bottom	1	
-25	69905-900		* * * * SKIN - Bottom	1	
-26	38227-900	A	* * * * SKIN - Bottom	1	
	38227-902	B	* * * * SKIN - Bottom	1	
-27	65072-00		* * * * COVER ASSEMBLY - Access door	1	
-28	38001-927	J	* * * LOWER COCKPIT ASSEMBLY - Aft	1	
-29	69898-900		* * * * SKIN - Bottom	1	
-30	69897-900		* * * * SKIN - Bottom	1	
-31	68602-00		* * * * SKIN - Bottom, left	1	
	68602-01		* * * * SKIN - Bottom, right	1	
-32	76474-903		* * SKIN - Left side	1	
-33	69907-900		* * SKIN - Left side	1	
	69907-901		* * SKIN - Right side	1	
-34	69911-900		* * SKIN - Right side	1	
-35	69912-900		* SKIN - Right side	1	
-36	69904-900		* SKIN - Top	1	
-37	69696-00		* SKIN - Right side	1	
-38	487 674		* STUD - (XX16362)	3	
-39	37939-03		* BUMPER - Cargo door	2	
-40	69881-02		* GUTTER - Cargo door	1	
-41	69881-03		* GUTTER - Cabin door	1	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
7-42	38046-02		COVER - Access	1	
-43	68014-00		STEP ASSEMBLY	1	
-44	79427-02		COVER - ADF antenna closeout	1	

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

PIPER PARTS CATALOG

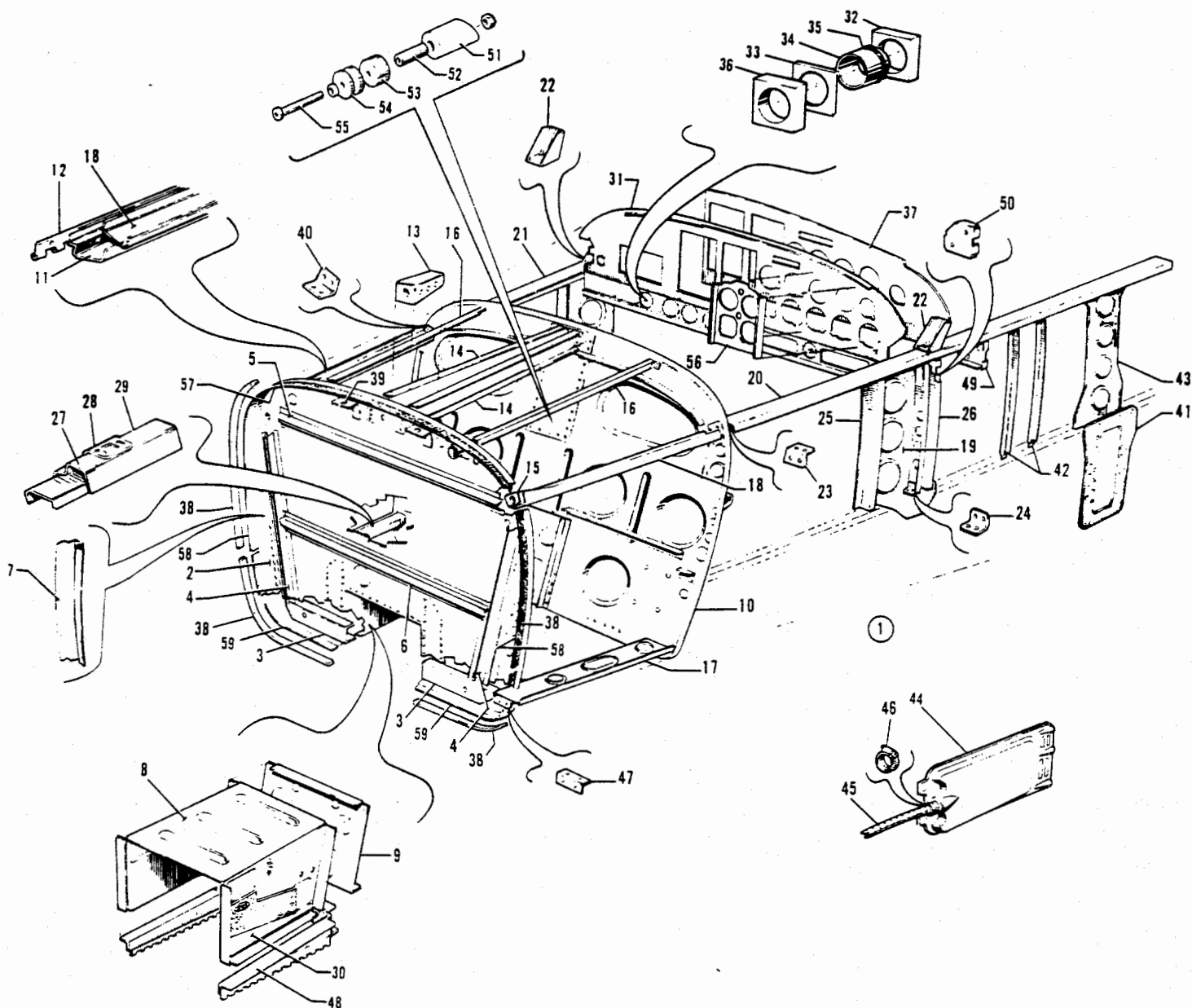


Figure 8. Fuselage Upper Forward Cockpit Assembly

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 8

- A - Used on PA-32RT-300 only.
- B - Used on PA-32RT-300T only.
- C - Used if NSD-360 is installed.
- D - Used if King KFC-200 Autopilot/Flight Director and glove box are installed.
- E - Used if King KFC-200 Autopilot/Flight Director and additional third stack of radios are installed.
- F - Used on PA-32RT-300 with serial numbers 32R-7985001 and up, and PA-32R-300T with serial numbers 32R-7987001 and up.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
8-1	38001-909	A	UPPER COCKPIT ASSEMBLY - Forward	1	
	38001-919	B	UPPER COCKPIT ASSEMBLY - Forward	1	
-2	38035-00	A	* FIREWALL ASSEMBLY - Upper cockpit	1	
	38035-16	B	* FIREWALL ASSEMBLY - Upper cockpit	1	
-3	38035-03		* * CHANNEL - Firewall, left	1	
	38035-04		* * CHANNEL - Firewall, right	1	
-4	68214-02		* * CHANNEL - Hat, firewall, left	1	
	68214-03		* * CHANNEL - Hat, firewall, right	1	
-5	68215-00		* * CHANNEL - Hat, firewall, upper	1	
-6	38035-02		* * CHANNEL - Hat, firewall, center	1	
-7	68217-00		* * JAMB - Firewall	1	
-8	38037-04		* COVER - Wheel well	1	
-9	38037-00		* COVER - Wheel well	1	
-10	38034-00	A	* BULKHEAD ASSEMBLY - Sta. 49.5	1	
	38034-03	B	* BULKHEAD ASSEMBLY - Sta. 49.5	1	
-11	68267-00		* JAMB - Baggage door	1	
-12	68268-02		* HINGE HALF - Forward baggage	1	
-13	68277-00		* FITTING - Engine mount, center	1	
-14	68276-00		* CHANNEL - Forward baggage, left	1	
	68276-01		* CHANNEL - Forward baggage, right	1	
-15	68282-00		* FITTING - Engine mount, left	1	
	68282-01		* FITTING - Engine mount, right	1	
-16	68278-00		* STIFFENER - Skin, top front	2	
-17	38044-00		* LONGERON - Lower	1	
-18	68281-00		* LONGERON - Forward, left	1	
	68281-01		* LONGERON - Forward, right	1	
-19	68252-00		* WEB - Upper cockpit, left	1	
	68253-00		* WEB - Upper cockpit, right	1	
-20	68254-00		* LONGERON - Upper cockpit, left	1	
-21	68258-05		* LONGERON ASSEMBLY - Upper cockpit, right	1	
-22	79553-00		* FITTING - Web assembly, left	1	
	79553-01		* FITTING - Web assembly, right	1	
-23	68255-00		* CLIP - Web assembly, left	1	
	96839-01		* CLIP - Web assembly, right	1	
-24	62514-00		* CLIP - Web assembly	2	
-25	62674-03		* ZEE - Web assembly, left	1	
	62674-01		* ZEE - Web assembly, right	1	
-26	62653-04		* FRAME ASSEMBLY - Upper cockpit, left	1	
-27	69491-00		* DOOR SILL ASSEMBLY - Forward baggage	1	
-28	66794-00		* * STRIKER PLATE - Door sill	1	
-29	69492-00		* * JAMB - Forward baggage	1	
-30	38037-05		* WEB ASSEMBLY - Wheel well, left	1	
	38037-06		* WEB ASSEMBLY - Wheel well, right	1	
-31	69798-00		PANEL ASSEMBLY - Instrument	1	
	36875-02	D,F	PANEL ASSEMBLY - Instrument	1	
	36875-03	E,F	PANEL ASSEMBLY - Instrument	1	
-32	68272-02		* PLATE - Control wheel	2	
-33	68272-03		* PLATE - Control wheel	4	
-34	68273-02		* BUSHING - Control wheel	2	
-35	484 792		* "O" RING - Control wheel (MS28775-218)	2	
-36	68272-04		* PLATE - Control wheel	2	
-37	79565-00	C	PANEL - Instrument	1	
-38	65692-02	A	SEAL - Cowl, lower	2	
	65692-04	B	SEAL - Cowl, lower, left	1	
	65692-05	B	SEAL - Cowl, lower, right	1	
	65692-03		SEAL - Cowl, upper	1	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
8-39	68279-00	A	PLATE ASSEMBLY - Joggle strip, left	1	
	98669-02	B	PLATE ASSEMBLY - Joggle strip, left	1	
	68279-04	A	PLATE ASSEMBLY - Joggle strip, right	1	
	98669-02	B	PLATE ASSEMBLY - Joggle strip, right	1	
-40	68283-00		CLIP - Channel attachment, left	1	
	68283-01		CLIP - Channel attachment, right	1	
-41	62542-00		GUSSET - Left	1	
	62542-01		GUSSET - Right	1	
-42	99421-00		CHANNEL - Armrest support	2	
-43	62644-00		WEB - Forward cockpit, Sta. 108	1	
-44	79405-00		BOX ASSEMBLY - Radio cooling	1	
-45	63633-136		HOSE - Radio cooling	1	
-46	554 888	W	CLAMP - (SAE TY F-6)	2	
-47	68286-00		CLIP - Attachment	1	
-48	98581-02	B	BRACKET ASSEMBLY - Nose gear fairing door	1	
-49	69347-03		MOUNT ASSEMBLY - Switch plate	1	
-50	69475-00		MOUNT ASSEMBLY - Switch plate	1	
-51	63927-00		BUMPER - Tee bar	1	
-52	63900-64		BUSHING - Tee bar bumper	1	
-53	68699-00		SPACER - Tee bar bumper (.25 thick)	AR	
-54	62833-23		WASHER - Tee bar bumper (.063 thick)	AR	
-55	411 539		BOLT - (MS35207-270)	1	
	407 564	W	WASHER - (AN960-10)	1	
	404 887	W	NUT - (MS20365-1032C)	1	
-56	79564-00	C	DOUBLER - Instrument panel	1	
-57	68290-04		FLANGE - Engine cowl, top	1	
-58	68290-02		FLANGE - Engine cowl, left	1	
	68290-03		FLANGE - Engine cowl, right	1	
-59	68290-06	A	FLANGE - Engine cowl, left	1	
	68290-08	B	FLANGE - Engine cowl, left	1	
	68290-05	A	FLANGE - Engine cowl, right	1	
	68290-09	B	FLANGE - Engine cowl, right	1	

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

PIPER PARTS CATALOG

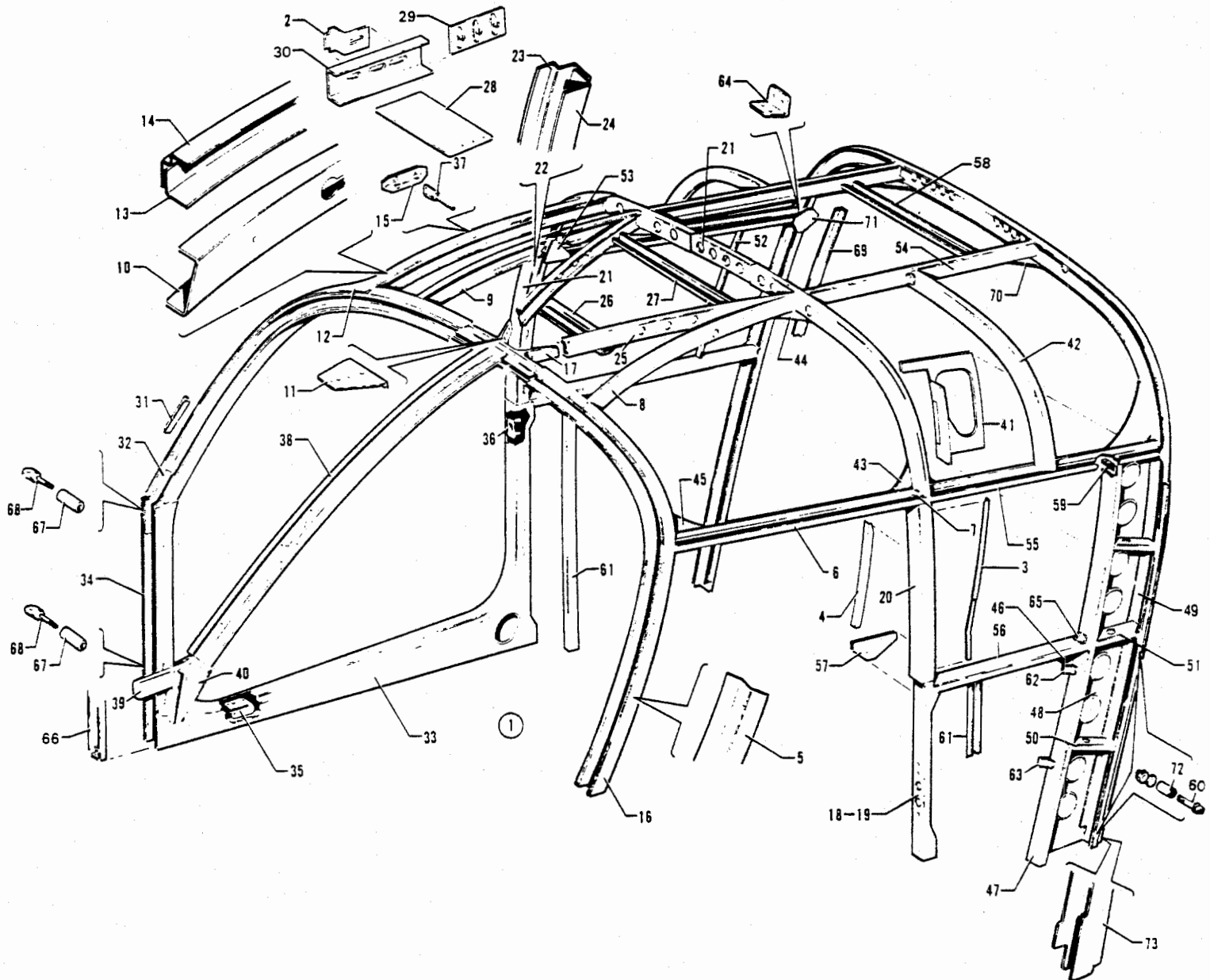


Figure 9. Fuselage Upper Center Cockpit Assembly

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 9

A - Used if .250 thick sound reduction windshield is installed.

W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
9-1	38001-910		COCKPIT ASSEMBLY - Center	1	
-2	69739-00		* CLIP - Door latch lock	1	
-3	69698-00		* ANGLE - Upper cockpit, left	1	
	69698-01		* ANGLE - Upper cockpit, right	1	
-4	69697-00		* ANGLE - Upper cockpit	1	
-5	69891-06		* RETAINER - Upper cockpit, left, upper	1	
	69891-08	A	* RETAINER - Upper cockpit, left, upper	1	
	69891-02		* RETAINER - Upper cockpit, left, lower	1	
	69891-04	A	* RETAINER - Upper cockpit, left, lower	1	
	69891-07		* RETAINER - Upper cockpit, right, upper	1	
	69891-09	A	* RETAINER - Upper cockpit, right, upper	1	
	69891-03		* RETAINER - Upper cockpit, right, lower	1	
	69891-05	A	* RETAINER - Upper cockpit, right, lower	1	
-6	62479-02		* CHANNEL - Upper cockpit	1	
-7	62516-00		* CLIP - Channel assembly, upper cockpit	1	
-8	68382-02		* CHANNEL ASSEMBLY - Upper cockpit, left	1	
-9	68352-03		* CHANNEL - Upper cockpit, right	1	
-10	62874-06		* CHANNEL - Upper cockpit, right	1	
-11	79162-00		* DOUBLER - Antenna	1	
-12	79561-901		* PAN ASSEMBLY - Upper	1	
-13	79561-06		* * PAN - Inner	1	
-14	79561-05		* * PAN - Outer	1	
-15	79234-00		* PLATE - Forward door latch	1	
-16	69888-00		* FRAME ASSEMBLY - Canted, fuselage, Sta. 85	1	
-17	68320-03		* * FITTING - Windshield bow	1	
-18	68325-02		* FRAME ASSEMBLY - Sta. 108	1	
-19	68331-00		* * CHANNEL - Fuselage frame, left	1	
	68331-01		* * CHANNEL - Fuselage frame, right	1	
-20	68327-00		* * CHANNEL ASSEMBLY	1	
-21	68326-00		* * CHANNEL - Splice	1	
-22	79561-903		* PAN ASSEMBLY - Side	1	
-23	79561-07		* * PAN - Upper cockpit, outer	1	
-24	79561-08		* * PAN - Upper cockpit, inner	1	
-25	68342-10		* CHANNEL - Upper cockpit, center, left	1	
	68342-11		* CHANNEL - Upper cockpit, center, right	1	
-26	68308-00		* HAT - Upper cockpit	1	
-27	68307-00		* HAT - Upper cockpit	1	
-28	69742-00		* PLATE - Door latch	1	
-29	69738-00		* PLATE ASSEMBLY - Door latch	1	
-30	69740-02		* CHANNEL - Door latch	1	
-31	79561-04		* JAMB - Door, forward	1	
-32	76467-04		* CHANNEL - Upper cockpit	1	
-33	79547-00		LOWER PAN ASSEMBLY - Upper cockpit	1	
-34	79547-03		* PAN - Upper cockpit, inner	1	
	79547-02		* PAN - Upper cockpit, outer	1	
-35	62656-00		* ANGLE ASSEMBLY - Door holder	1	
-36	79639-02		* PLATE - Door latch striker	1	
-37	63037-00		LOOP ASSEMBLY - Forward door latch	1	
-38	69481-02		HAT ASSEMBLY - Windshield	1	
	69481-03	A	HAT ASSEMBLY - Windshield	1	
-39	68313-00		* FITTING - Windshield	1	
-40	69483-00		* BRACKET - Windshield hat, left	1	
	69483-01		* BRACKET - Windshield hat, right	1	
-41	78012-00		DOUBLER ASSEMBLY - Sta. 124.25	1	
-42	68315-00		CHANNEL - Upper cockpit, left	1	
	68315-01		CHANNEL - Upper cockpit, right	1	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
9-43	68347-00		GUSSET - Upper cockpit, left	1	
-44	68323-00		GUSSET - Upper cockpit, left	1	
	68323-01		GUSSET - Upper cockpit, right	1	
-45	68324-00		GUSSET - Upper cockpit, left	1	
-46	68344-00		GUSSET - Upper cockpit, left	1	
-47	68328-02		CHANNEL - Sta. 122 to Sta. 132, left	1	
-48	68330-06		WEB ASSEMBLY - Sta. 128, left	1	
-49	68332-00		FRAME ASSEMBLY - Sta. 128	1	
-50	68338-00		STIFFENER - Left side	2	
-51	68339-00		STIFFENER - Left side	1	
-52	68349-00		ANGLE - Upper cockpit, center, right	1	
-53	68322-00		GUSSET ASSEMBLY - Upper cockpit, center	1	
-54	68381-00		CHANNEL ASSEMBLY - Upper cockpit, center, left	1	
	68381-01		CHANNEL - Upper cockpit, center, right	1	
-55	68340-00		CHANNEL - Upper cockpit, center, left	1	
	68351-00		CHANNEL - Upper cockpit, center, right	1	
-56	68341-00		CHANNEL - Upper cockpit, center, left	1	
	68343-02		CHANNEL - Upper cockpit, center, right	1	
-57	67742-00		GUSSET - Upper cockpit	1	
-58	69748-00		CHANNEL - Upper cockpit	1	
-59	62506-00		CLIP - Upper cockpit	5	
-60	402 060		BOLT - Eye, hinge (AN44-20A)	2	
	407 586	W	WASHER - (AN960-516L)	2	
	404 837	W	NUT - (MS20364-524C)	2	
-61	99422-02		CHANNEL - Armrest support	4	
-62	68363-00		CLIP	1	
-63	68362-00		CLIP	1	
-64	62506-03		CLIP - Upper cockpit	1	
-65	62506-04		CLIP - Upper cockpit	1	
-66	62697-02		CHANNEL ASSEMBLY - Upper fuselage	1	
-67	63900-46		BUSHING - Door hinge attachment, lower	1	
	63900-47		BUSHING - Door hinge attachment, upper	1	
-68	402 057		BOLT - Eye, door hinge attachment (AN44-17A)	2	
	407 586	W	WASHER - Door hinge attachment (AN960-516L)	2	
	404 837	W	NUT - Door hinge attachment (MS20364-524C)	2	
-69	68223-00		ANGLE - Upper cockpit, center	1	
-70	68319-00		GUSSET - Upper cockpit	2	
-71	68225-00		GUSSET - Upper cockpit	1	
-72	63900-46		BUSHING	2	
-73	68334-00		JAMB - Door, upper cockpit, center	1	

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

PIPER PARTS CATALOG

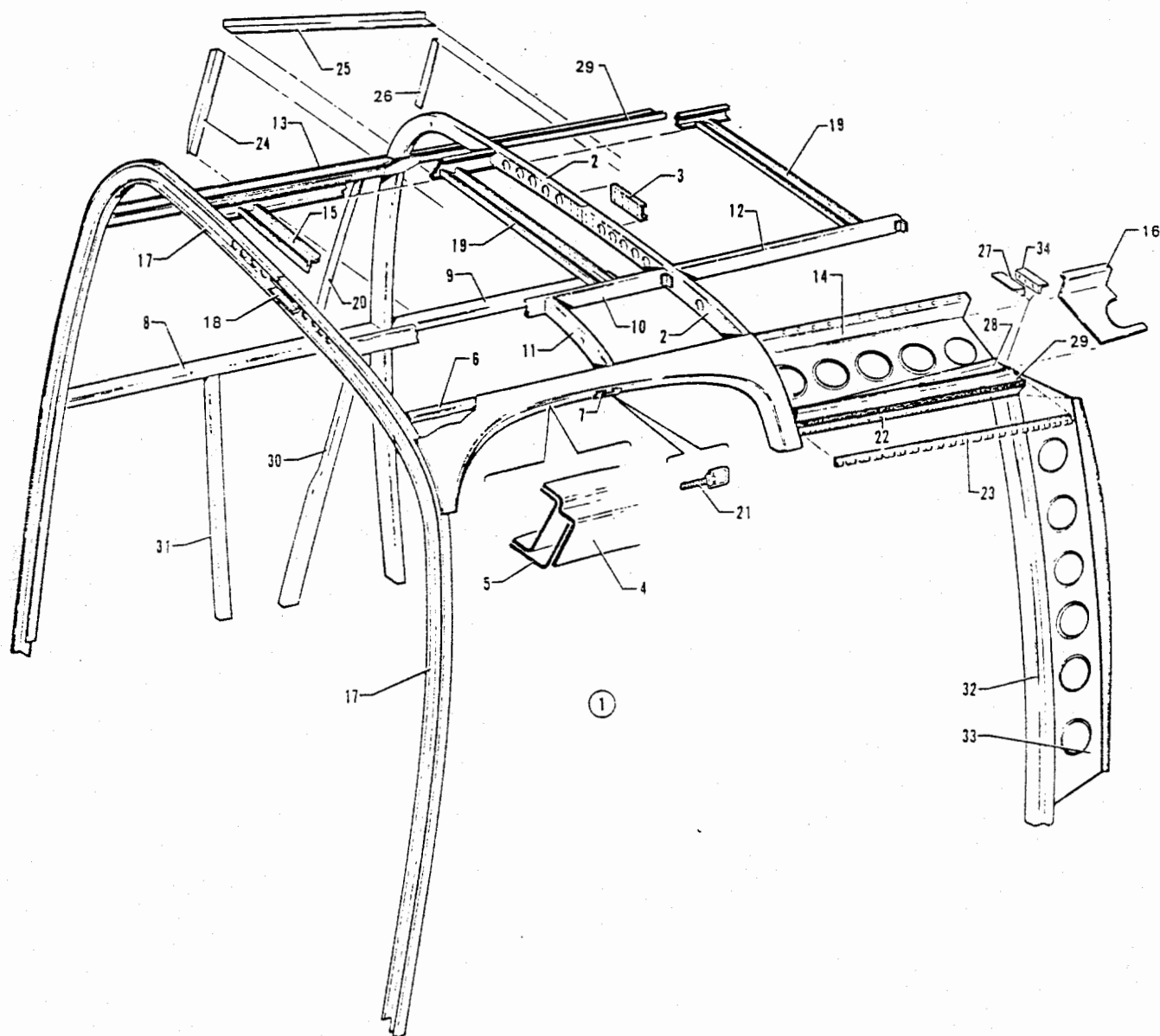


Figure 10. Fuselage Upper Aft Cockpit Assembly

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 10

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
10-1	38001-911		COCKPIT ASSEMBLY - Aft	1	
-2	68984-00		* CHANNEL - Sta. 165, left	1	
	68357-01		* CHANNEL - Sta. 165, right	1	
-3	68359-00		* CHANNEL - Splice	1	
-4	69105-02		* SILL - Rear door	1	
-5	69105-03		* SILL - Rear door	1	
-6	68366-00		* CHANNEL - Rear door	1	
-7	68353-00		* PLATE - Door latch	1	
-8	68375-00		* LONGERON - Upper cockpit, aft	1	
-9	68370-01		* LONGERON - Upper cockpit, aft, right	1	
-10	68371-00		* CHANNEL - Upper cockpit, aft, left	1	
	68371-01		* CHANNEL - Upper cockpit, aft, right	1	
-11	68372-00		* SUPPORT ASSEMBLY - Latch	1	
-12	68373-00		* LONGERON - Upper cockpit, aft, left	1	
	68373-01		* LONGERON - Upper cockpit, aft, right	1	
-13	68374-00		* CHANNEL - Upper cockpit	1	
-14	68966-00		* WEB - Cargo door, upper	1	
-15	69748-00		* CHANNEL - Upper cockpit	1	
-16	96851-00		* DOUBLER - Shoulder harness, left	1	
-17	68333-00		* CHANNEL - Fuselage frame, left	1	
	68333-01		* CHANNEL - Fuselage frame, right	1	
-18	68335-00		* CHANNEL - Splice	1	
-19	68364-00		* CHANNEL - Upper cockpit	2	
-20	68378-00		ANGLE - Upper cockpit, aft	1	
-21	63037-00		LOOP ASSEMBLY - Aft door latch	1	
-22	68967-00		STIFFENER - Cargo door, upper	1	
-23	68974-00		HINGE HALF - Cargo door	1	
-24	69720-00		ANGLE - Window, forward	1	
-25	69719-00		ANGLE - Window, top	1	
-26	69718-00		ANGLE - Window, rear	1	
-27	68986-02		CLIP - Cargo door web	1	
-28	99729-01		ANGLE - Headlining attachment, right	1	
-29	68369-00		ZEE - Upper cockpit, aft, left	1	
	68369-01		ZEE - Upper cockpit, aft, right	1	
-30	69971-02		CHANNEL - Armrest support	1	
-31	69971-03		CHANNEL - Armrest support	1	
-32	68985-00		JAMB ASSEMBLY - Cargo door, aft	1	
-33	68970-00		WEB - Cargo door jamb stiffener	1	
-34	68986-03		CLIP - Cargo door web	1	

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

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--- PIPER PARTS CATALOG ---

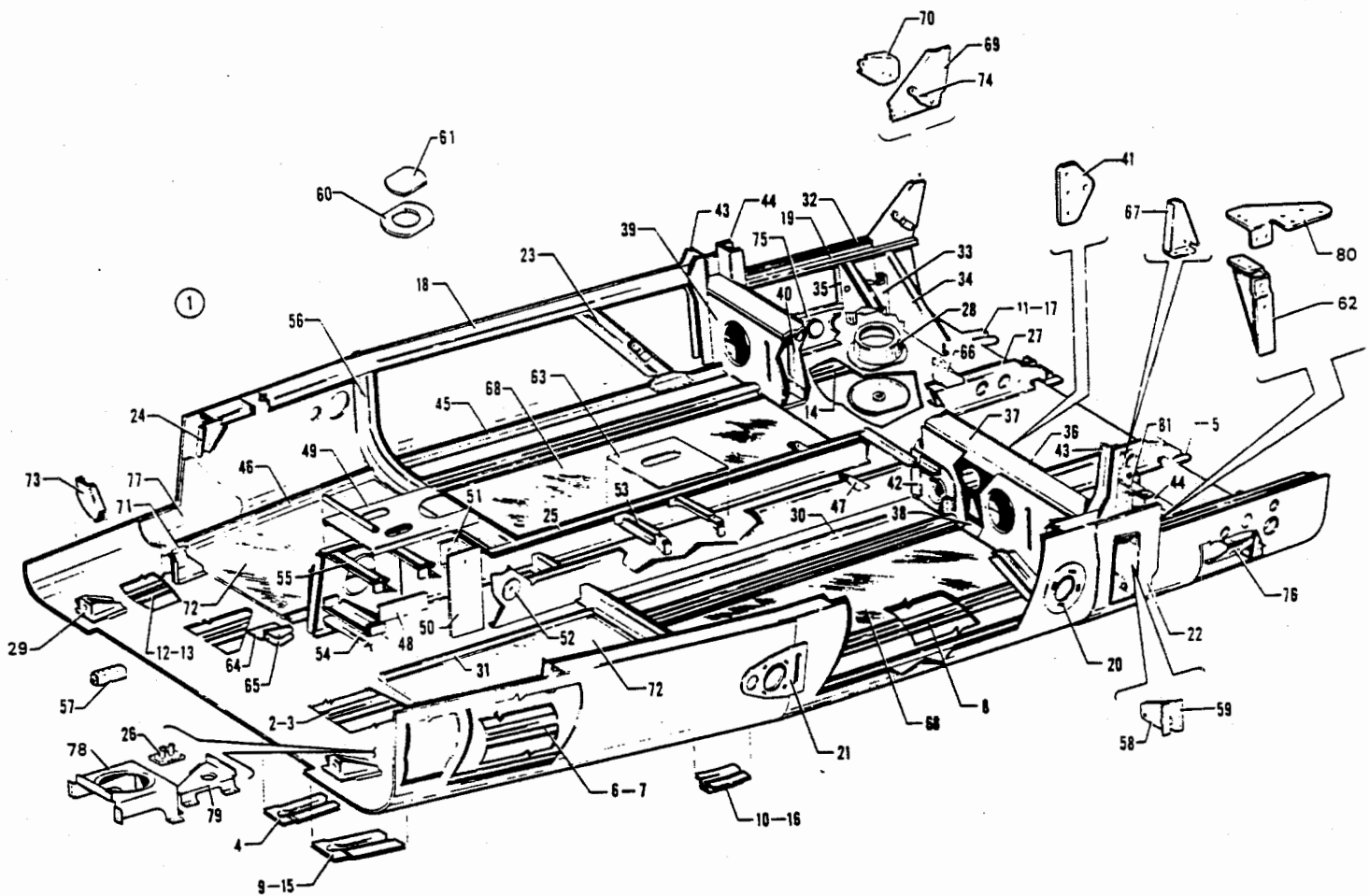


Figure 11. Fuselage Lower Forward Cockpit Assembly

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 11

- A - Used on PA-32RT-300 only.
- B - Used on PA-32RT-300T only.
- C - Used if air conditioning is installed.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
11-1	38001-906	A	COCKPIT ASSEMBLY - Forward	1	
	38001-916	B	COCKPIT ASSEMBLY - Forward	1	
-2	68501-07		* HAT ASSEMBLY - Inboard, left and right	2	
-3	68505-00		* * HAT	1	
-4	62543-00		* * FAIRING	1	
	62543-02	C	* * FAIRING	1	
-5	68506-00		* * FAIRING	1	
-6	68501-05		* HAT ASSEMBLY - Outboard, left	1	
-7	68502-00		* * HAT - Front	1	
-8	62524-00		* * HAT - Rear	1	
-9	62544-00		* * FAIRING - Front	1	
-10	62558-00		* * FAIRING - Center	1	
-11	68503-00		* * FAIRING - Rear	1	
-12	68501-06		* HAT ASSEMBLY - Outboard, right	1	
-13	68502-01		* * HAT - Front	1	
-14	62524-01		* * HAT - Rear	1	
-15	62544-01		* * FAIRING - Front	1	
-16	62558-01		* * FAIRING - Center	1	
-17	68503-01		* * FAIRING - Rear	1	
-18	68504-00		* LONGERON - Left, outboard	1	
	68504-01		* LONGERON - Right, outboard	1	
-19	68508-02		* LONGERON - Left rear, outboard	1	
	68508-01		* LONGERON - Right rear, outboard	1	
-20	68539-00		* DOUBLER ASSEMBLY - Sta. 100	2	
-21	68540-00		* DOUBLER ASSEMBLY - Left, Sta. 73	1	
	68540-01		* DOUBLER ASSEMBLY - Right, Sta. 73	1	
-22	68507-00		* DOUBLER - Main spar box, left	1	
	68507-01		* DOUBLER - Main spar box, right	1	
-23	96890-00		* SUPPORT ASSEMBLY - Seat belt attachment, left	1	
	96890-01		* SUPPORT ASSEMBLY - Seat belt attachment, right	1	
-24	62581-01		* BRACKET - Lower assembly, left	1	
	62581-00		* BRACKET - Lower assembly, right	1	
-25	68534-02		* CHANNEL - Tunnel, left	1	
	68534-03		* CHANNEL - Tunnel, right	1	
-26	63909-00		* VENT ASSEMBLY - Battery	1	
-27	62763-00		* SUPPORT - Torque shaft center	2	
-28	65071-00		* BASE ASSEMBLY - Fuel selector	1	
-29	68533-00		* FITTING - Lower engine mount, left	1	
	68533-01		* FITTING - Lower engine mount, right	1	
-30	68538-00		* ANGLE - Heat duct attaching, rear	2	
-31	68537-00		* ANGLE - Heat duct attaching, front	2	
-32	68509-02		* ANGLE - Forward lower cockpit, left	1	
	68509-03		* ANGLE - Forward lower cockpit, right	1	
-33	62421-00		* FITTING - Flap, left	1	
	62421-01		* FITTING - Flap, right	1	
-34	68511-00		* BRACKET - Torque tube support, left	1	
	68511-01		* BRACKET - Torque tube support, right	1	
-35	68512-00		* BRACKET - Torque tube support, left	1	
	68512-01		* BRACKET - Torque tube support, right	1	
-36	68513-06		* BOX ASSEMBLY - Spar, lower cockpit	1	
-37	38156-00		* * CHANNEL - Spar box, top	1	
-38	68523-00		* * CHANNEL - Spar box, bottom	1	
-39	68514-00		* * WEB - Spar box, front	1	
-40	68515-00		* * WEB - Spar box, rear	1	
-41	68571-00		* * BRACKET - Flap return spring	1	
-42	68921-00		* * TUBE - Cabin heat	2	
-43	68562-00		* * CHANNEL - Spar box, left	1	
	62545-00		* * CHANNEL - Spar box, right	1	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
11-44	68524-00		* CHANNEL - Frame, left	1	
	68564-00		* CHANNEL - Frame, right	1	
-45	65657-00		* ANGLE - Panel reinforcement	2	
-46	65656-00		* ANGLE - Panel reinforcement, left	1	
	65656-01		* ANGLE - Panel reinforcement, right	1	
-47	96877-00		* ATTACHMENT - Seat belt, outboard, left	1	
	96878-00		* ATTACHMENT - Seat belt, inboard, left	1	
	96877-01		* ATTACHMENT - Seat belt, outboard, right	1	
	96878-01		* ATTACHMENT - Seat belt, inboard, right	1	
-48	68543-00		* PLATE - Tunnel, side	2	
-49	62601-02		* PLATE - Tunnel, top front	1	
-50	62606-00		* STIFFENER - Tunnel, side	2	
-51	62607-00		* PLATE - Tunnel, side	2	
-52	62608-00		* DOUBLER - Tunnel, side	2	
-53	62679-00		* BRACKET ASSEMBLY - Tunnel, front	1	
	62679-01		* BRACKET ASSEMBLY - Tunnel, rear	1	
-54	62620-00		* BRACKET - Tunnel	2	
-55	62664-00		* ZEE ASSEMBLY - Tunnel	2	
-56	68525-00		* FRAME ASSEMBLY - Sta. 73	1	
-57	38041-00		* FITTING ASSEMBLY - Drag link, left	1	
	38041-01		* FITTING ASSEMBLY - Drag link, right	1	
-58	38136-00		* BRACKET - Pulley, aileron, forward left	1	
	38136-01		* BRACKET - Pulley, aileron, forward right	1	
-59	38136-08		* BRACKET - Pulley, aileron, rear left	1	
	38136-09		* BRACKET - Pulley, aileron, rear right	1	
-60	36565-03		* DOUBLER ASSEMBLY - Transponder antenna access	1	
-61	36565-02		* PLATE - Transponder antenna access	1	
-62	96333-00		GUSSET - Floor support, left	1	
	96333-01		GUSSET - Floor support, right	1	
-63	68542-00		PLATE - Tunnel, top	1	
-64	38047-03		ANGLE ASSEMBLY - Mount, nose gear actuator	1	
-65	38047-02		FITTING - Mount, nose gear actuator	1	
-66	38055-00		SUPPORT - Diaphragm, landing gear	1	
-67	38056-00		SUPPORT - Actuator, landing gear	1	
-68	96684-00		FLOORBOARD - Lower cockpit, rear	2	
-69	96897-00		GUSSET - Seat belt attachment	1	
-70	96884-00		BRACKET ASSEMBLY - Seat belt attachment, left	1	
	96884-01		BRACKET ASSEMBLY - Seat belt attachment, right	1	
-71	69776-00		BRACKET ASSEMBLY - Rudder pedal stop, left	1	
	69776-01		BRACKET ASSEMBLY - Rudder pedal stop, right	1	
-72	96700-04		FLOORBOARD - Lower cockpit, forward, left	1	
	96700-05		FLOORBOARD - Lower cockpit, forward, right	1	
-73	68264-00		RIB - Lower cockpit, forward	1	
-74	96896-00		LINK - Seat belt attachment	2	
-75	65126-00		STIFFENER - Lower cockpit, right	1	
-76	65126-01		STIFFENER - Lower cockpit, left	1	
-77	68531-00		DOUBLER - Right front, Sta. 49.	1	
-78	38023-02		SUPPORT ASSEMBLY - Forward baggage	1	
-79	38023-03		SUPPORT ASSEMBLY - Forward baggage	1	
-80	68528-00		GUSSET - Sta. 108, left	1	
	68528-01		GUSSET - Sta. 108, right	1	
-81	69062-00	A	BRACKET - Fuel pump	1	
	98661-02	B	BRACKET - Fuel pump	1	

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

PIPER PARTS CATALOG

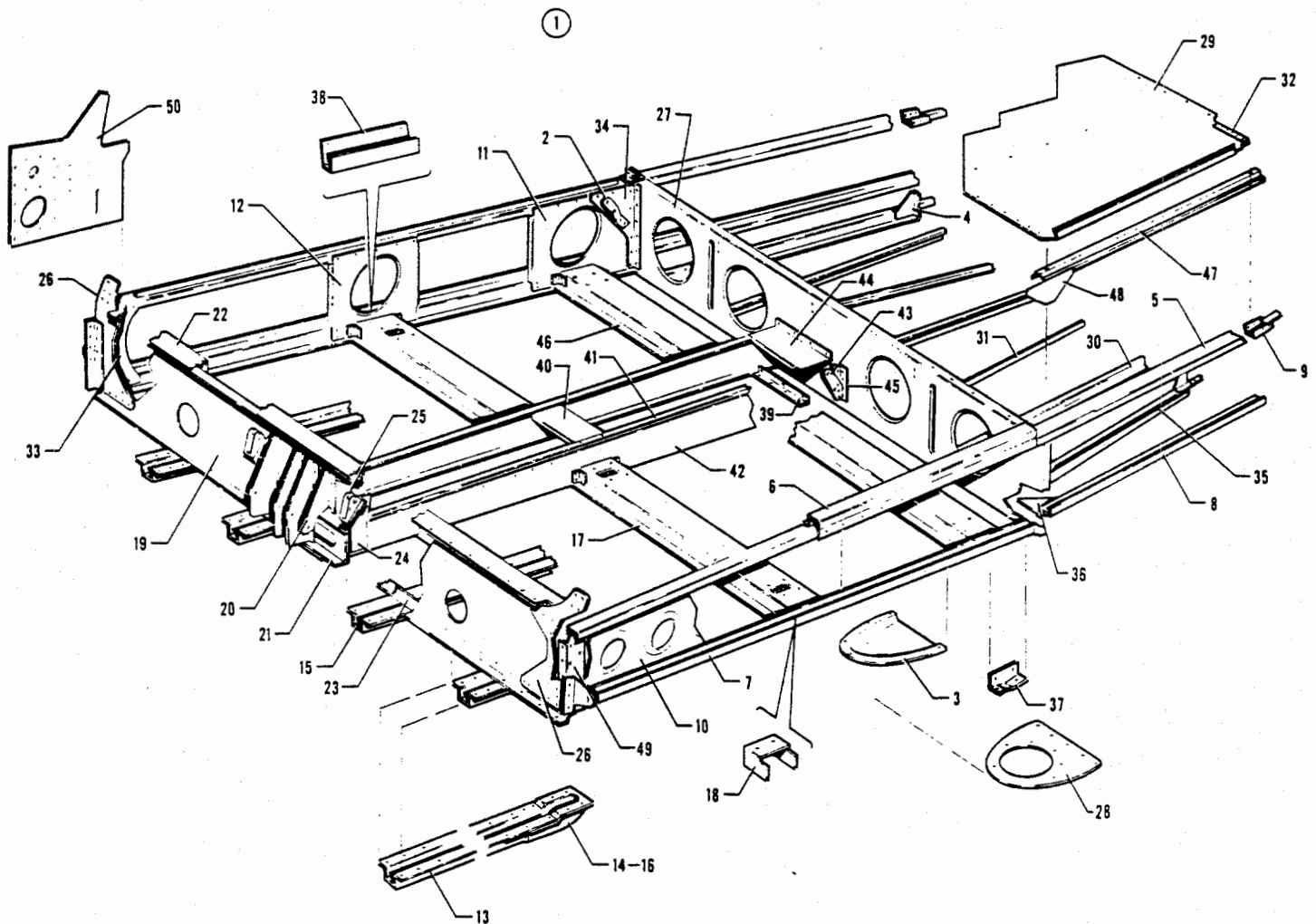


Figure 12. Fuselage Lower Aft Cockpit Assembly

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 12

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
12-1	38001-927		COCKPIT ASSEMBLY - Aft	1	
-2	96896-02		* BRACKET - Seat belt attachment	2	
-3	66965-00		* SCOOP - Cabin exhaust vent	1	
-4	65119-00		* GUSSET - Baggage compartment, left	1	
	65119-01		* GUSSET - Baggage compartment, right	1	
-5	68603-00		* LONGERON ASSEMBLY - Left	1	
	68657-00		* LONGERON ASSEMBLY - Right	1	
-6	68604-04		* JAMB - Door	1	
-7	68605-00		* CHANNEL - Left	1	
	68605-01		* CHANNEL - Right	1	
-8	68606-00		* CHANNEL - Left	1	
	68606-01		* CHANNEL - Right	1	
-9	68634-00		* CHANNEL - Splice, left	1	
	68634-01		* CHANNEL - Splice, right	1	
-10	68607-03		* WEB ASSEMBLY - Left	1	
-11	68649-03		* WEB ASSEMBLY - Right	1	
-12	68655-02		* WEB - Right	1	
-13	68609-00		* HAT ASSEMBLY - Left, outboard	1	
	68609-01		* HAT ASSEMBLY - Right, outboard	1	
-14	62554-00		* * FAIRING	1	
-15	68612-00		* HAT ASSEMBLY - Inboard	2	
-16	62554-00		* * FAIRING	1	
-17	79583-02		* HAT ASSEMBLY - Seat support, left	1	
	79583-03		* HAT ASSEMBLY - Seat support, right	1	
-18	68677-00		* * DOUBLER ASSEMBLY - Seat support	1	
-19	68616-00		* WEB - Sta. 128	1	
-20	62563-00		* BRACKET - Left, Sta. 128	2	
	62563-01		* BRACKET - Right, Sta. 128	2	
-21	62566-00		* FORWARD DOUBLER - Rear seat support	1	
-22	68617-00		* STIFFENER - Frame, Sta. 128	1	
-23	68618-00		* ANGLE - Frame, Sta. 128	1	
-24	68619-00		* GUSSET - Sta. 128	1	
	68619-01		* GUSSET - Sta. 128	1	
-25	96880-00		* FITTING - Seat belt attachment	2	
-26	68621-02		* FITTING ASSEMBLY - Wing attachment, left	1	
	68621-03		* FITTING ASSEMBLY - Wing attachment, right	1	
-27	68624-00		* WEB - Sta. 168	1	
-28	65556-00		* DOUBLER - Cabin exhaust scoop	1	
-29	69107-00		* PANEL - Cargo floor	1	
-30	68632-00		* ZEE ASSEMBLY - Baggage floor, left and center	2	
	68632-01		* ZEE ASSEMBLY - Baggage floor, right	1	
-31	68637-00		* ANGLE - Left	1	
	68637-01		* ANGLE - Right	1	
-32	68638-02		* ANGLE - Baggage floor, left	1	
	68638-01		* ANGLE - Baggage floor, right	1	
-33	68639-00		* GUSSET - Right	1	
-34	68640-02		* DOUBLER - Seat belt attachment, left	1	
	68640-03		* DOUBLER - Seat belt attachment, right	1	
-35	68641-00		* STIFFENER - Left	1	
	68641-01		* STIFFENER - Right	1	
-36	68642-00		* GUSSET - Baggage floor, left	1	
	68642-01		* GUSSET - Baggage floor, right	1	
-37	68643-00		* ANGLE - Left	1	
	68643-01		* ANGLE - Right	1	
-38	68678-00		* DOUBLER ASSEMBLY - Step	1	
-39	68629-00		* ANGLE ASSEMBLY - Cable guard, center	1	
-40	68656-00		* CHANNEL - Tunnel top	1	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
12-41	68647-00		* ANGLE ASSEMBLY - Tunnel side, left	1	
	68647-01		* ANGLE ASSEMBLY - Tunnel side, right	1	
-42	68608-00		* ANGLE - Aft tunnel wall, left	1	
	68608-01		* ANGLE - Aft tunnel wall, right	1	
-43	96885-00		* ATTACHMENT - Seat belt, left	1	
	96885-01		* ATTACHMENT - Seat belt, right	1	
-44	68652-00		* COVER - Aft tunnel	1	
-45	68625-02		* ANGLE - Tunnel wall attachment, left	1	
	68625-03		* ANGLE - Tunnel wall attachment, right	1	
-46	79747-00		* HAT ASSEMBLY - Seat support, left	1	
	79747-01		* HAT ASSEMBLY - Seat support, right	1	
-47	68972-00		* JAMB ASSEMBLY - Cargo door, lower	1	
-48	68975-00		* GUSSET - Cargo door, jamb	1	
-49	68644-00		ANGLE - Left, Sta. 128	1	
-50	68645-00		DOUBLER - Lower cockpit skin	2	

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

PIPER PARTS CATALOG

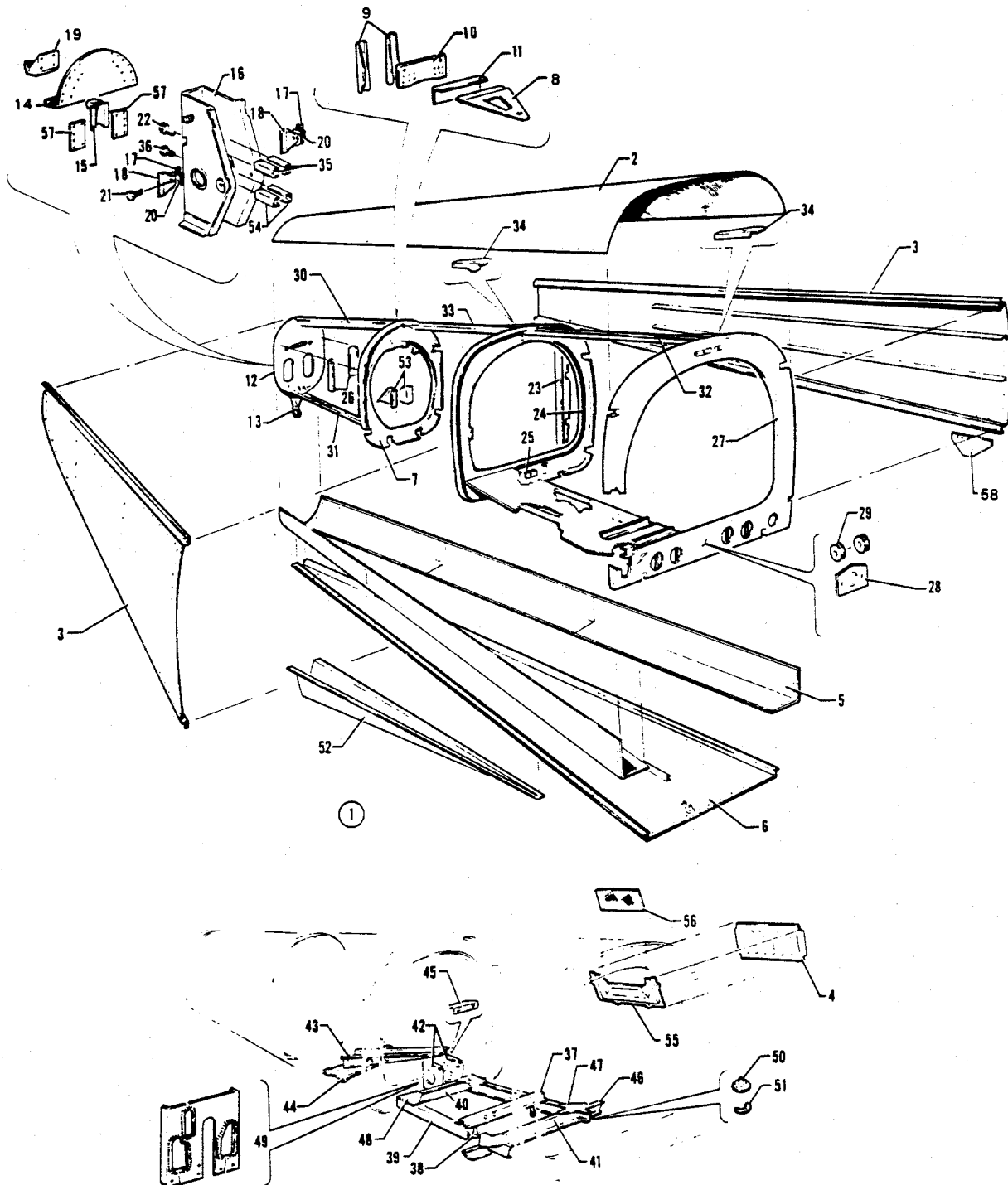


Figure 13 Fuselage Aft Section

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 13

- A - Used if air conditioning is installed.
- B - When ordering, specify with or without provisions for air conditioning.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
13-	78903		DRAWING - Fuselage Assembly, Aft Section		
-1	78903-903	B	FUSELAGE ASSEMBLY - Aft section	1	
-2	99468-04		* SKIN - Upper	1	
-3	99470-00		* SKIN ASSEMBLY - Side, left	1	
	99470-01		* SKIN ASSEMBLY - Side, right	1	
	99549-14	A	* SKIN ASSEMBLY - Side, left	1	
	99549-07	A	* SKIN ASSEMBLY - Side, right	1	
-4	99559-02	A	* * LOUVER - Air conditioning exhaust, left	1	
	99559-01	A	* * LOUVER - Air conditioning exhaust, right	1	
-5	99471-08		* SKIN - Lower, side, left	1	
	99471-09		* SKIN - Lower, side, right	1	
-6	99469-03		* SKIN ASSEMBLY - Lower center	1	
	99549-09	A	* SKIN ASSEMBLY - Lower center	1	
-7	78983-02		* BULKHEAD ASSEMBLY - Fuselage, Sta. 259	1	
-8	78983-11		* * FITTING - Fin attachment	1	
-9	78983-07		* * CHANNEL - Left	1	
	78983-09		* * CHANNEL - Right	1	
-10	78965-02		* * DOUBLER - Air intake	1	
-11	78965-04		* * ANGLE	1	
-12	78940-02		* BULKHEAD ASSEMBLY - Fuselage, Sta. 285	1	
-13	78940-08		* * TIE DOWN - Tail	1	
-14	78940-04		* * DOUBLER - Rudder attachment	1	
-15	78940-05		* * SUPPORT - Rudder	1	
-16	78933-02		* * SUPPORT ASSEMBLY - Stabilator bellcrank	1	
-17	38392-02		* * BRACKET - Pulley	2	
-18	38392-03		* * BRACKET - Pulley	2	
-19	38403-02		* * SUPPORT - Rudder, lower	1	
-20	481 651	W	* * PULLEY - (MS20220-1)	2	
-21	401 353	W	* * BOLT - (AN5-12A)	2	
	404 889	W	* * NUT - (MS20365-524C)	2	
-22	401 266	W	* BOLT - (AN3-5A)	4	
	407 564	W	* WASHER - (AN960-10)	8	
	404 887	W	* NUT - (MS20365-1032C)	4	
-23	68971-00		* CHANNEL - Cargo door web stiffener	1	
-24	62443-00		* BULKHEAD ASSEMBLY - Fuselage, Sta. 191	1	
-25	67249-00		* * FAIRLEAD	1	
-26	63280-12		* STIFFENER - Aft fuselage	2	
-27	69106-02		* BULKHEAD ASSEMBLY - Fuselage, Sta. 187	1	
-28	62665-02		* * FAIRLEAD	4	
-29	62711-04		* * PULLEY	2	
-30	78942-02		* HAT ASSEMBLY - Aft fuselage, top	1	
-31	62456-00		* HAT ASSEMBLY - Aft fuselage, bottom	1	
-32	65114-00		* STRINGER - Top, Sta. 187 to Sta. 222	1	
-33	79267-00		* STRINGER - Top, Sta. 222 to Sta. 259	1	
-34	99813-02		* DOUBLER - Antenna, forward	1	
	99805-06		* DOUBLER - Antenna, aft	1	
-35	62413-00		* FITTING ASSEMBLY - Top tail cone, left	1	
	62413-01		* FITTING ASSEMBLY - Top tail cone, right	1	
-36	400 438	W	* BOLT - (AN3-4A)	2	
	407 564	W	* WASHER - (AN960-10)	4	
	404 887	W	* NUT - (MS20365-1032C)	2	
-37	99496-00	A	* BRACKET ASSEMBLY - Condenser door actuation	1	
-38	99561-00	A	* * BEARING ASSEMBLY - Condenser door actuation	2	
-39	99272-00	A	* CHANNEL - Condenser door frame	2	
-40	99273-00	A	* STIFFENER - Condenser door frame	1	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
13-41	99278-03	A	* ZEE ASSEMBLY - Condenser door frame	1	
-42	99552-00	A	* BRACKET ASSEMBLY - Condenser door bellcrank, left	1	
	99552-02	A	* BRACKET ASSEMBLY - Condenser door bellcrank, right	1	
-43	99558-00	A	* BRACKET - Motor mount condenser actuator	1	
-44	99545-00	A	* BRACKET - Motor support	1	
-45	99555-00	A	* BRACKET - Brace	1	
-46	99487-00	A	* BRACE - Condenser frame, left	1	
	99487-01	A	* BRACE - Condenser frame, right	1	
-47	99488-00	A	* GUSSET - Condenser frame, forward	2	
-48	99280-00	A	* GUSSET - Condenser frame, aft, left	1	
	99280-01	A	* GUSSET - Condenser frame, aft, right	1	
-49	76497-02	A	* PANEL ASSEMBLY - Fairlead	1	
-50	99609-00	A	* VENT ASSEMBLY - Evaporator	1	
-51	22482-00	A,W	* SCOOP - Evaporator vent	1	
-52	78914-03		* VENTRAL FIN - Aft fuselage	1	
-53	35803-02		* BRACKET - Pulley support, left	1	
	35803-03		* BRACKET - Pulley support, right	1	
-54	78962-02		* FITTING ASSEMBLY - Bottom tail cone, left	1	
	78962-03		* FITTING ASSEMBLY - Bottom tail cone, right	1	
-55	99615-00	A	COVER - Air conditioning exhaust louver, left	1	
	99615-01	A	COVER - Air conditioning exhaust louver, right	1	
-56	99631-00	A	FILTER - Air conditioning exhaust	2	
-57	78964-02		COVER PLATE - Aft bulkhead	2	
-58	68991-00		GUSSET - Aft lower cargo hatch	1	

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

PIPER PARTS CATALOG

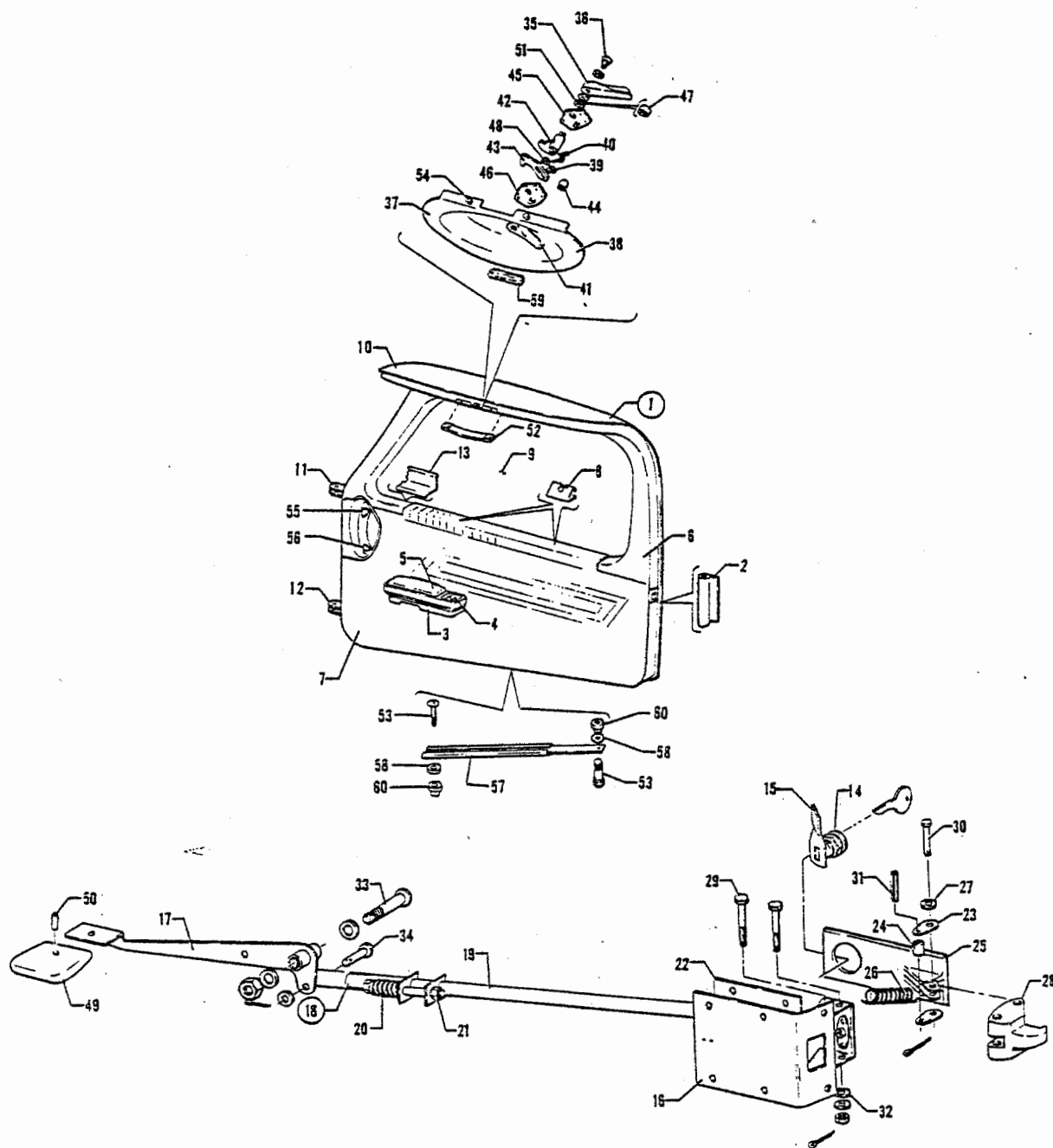


Figure 14. Forward Cabin Door

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 14

- A - Complete door assembly not available. Order component parts.
- B - If matching ignition switch and door locks are desired, order Kit 87329-04.
- C - When ordering, specify color "Bark II" or black.
- D - Used on PA-32RT-300 with serial numbers 32R-7885001 to 32R-7885302 inclusive, and PA-32R-300T with serial numbers 32R-7887001 to 32R-7887307 inclusive.
- E - Used on PA-32RT-300 with serial numbers 32R-7885001 to 32R-7985102 inclusive, PA-32RT-300T with serial numbers 32R-7887001 to 32R-7987124 inclusive.
- F - Used on PA-32RT-300 with serial numbers 32R-7985103 and up, and PA-32RT-300T with serial numbers 32R-7987125 and up.
- G - Used with door latch hook assembly that has a 3/8 O.D. welded stud.
- H - Used with door latch hook assembly that has a 1/4 O.D. welded stud and 3/8 O.D. removable roller.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
14-	79546		DRAWING - Doors Installation		
-1	79545-04	A	DOOR ASSEMBLY - Complete (less lock assembly)	1	
-2	189 139		* MOULDING - Cabin door (bulb type)	13'	
-3	66710-17		* HOUSING ASSEMBLY - Armrest	1	
-4	763 003		* * BOX ASSEMBLY - Ash tray (S-25-AR-C)	1	
-5	580 731		* PAD - Armrest, camel	1	
	579 507		* PAD - Armrest, olivetone	1	
	579 508	E	* PAD - Armrest, midnight blue	1	
	579 474	F	* PAD - Armrest, dark blue	1	
	579 509		* PAD - Armrest, black	1	
	579 510		* PAD - Armrest, tan	1	
-6	79542-15		* COVER - Cabin door upper	1	
-7	579 409		* PANEL ASSEMBLY - Cabin door trim, white/camel/black	1	
	579 555		* PANEL ASSEMBLY - Cabin door trim, olivetone	1	
	579 556	E	* PANEL ASSEMBLY - Cabin door trim, midnight blue	1	
	579 315	F	* PANEL ASSEMBLY - Cabin door trim, dark blue	1	
	579 557		* PANEL ASSEMBLY - Cabin door trim, raspberry/black	1	
	579 558		* PANEL ASSEMBLY - Cabin door trim, tan/seal	1	
-8	99943-00		* RETAINER - Side panel	2	
-9	79475-05		* WINDOW - Cabin door (.080 thick) clear	1	
	79475-55		* WINDOW - Cabin door (.080 thick) tinted	1	
	79475-56		* WINDOW - Cabin door (.125 thick) clear	1	
	79475-57		* WINDOW - Cabin door (.125 thick) tinted	1	
-10	79475-48		* DOOR ASSEMBLY - Cabin (less window and lock assembly)	1	
-11	79475-07		* * HINGE - Cabin door, upper	1	
-12	79475-08		* * HINGE - Cabin door, lower	1	
-13	79475-09		* * RETAINER - Window	1	
-14	79647-02		* * KNOB - Door handle	1	
-15	419 967		* * SCREW - Set (1/4 - 28 x 1/4" L.)	1	
	486 145		* * SCREW - Set (1/4 - 20 x 1/4" L.)	1	
-16	79515-35		* * COVER - Cabin door latch	1	
-17	79515-13		* * HANDLE ASSEMBLY - Cabin door	1	
-18	79515-03		* * LATCH ASSEMBLY - Door	1	
-19	79515-05		* * * TUBE ASSEMBLY - Door latch	1	
-20	587 398		* * * SPRING - Door latch tube (PS10087-2-1)	1	
-21	400 113	W	* * * BOLT - (AN4-10)	1	
	407 565	W	* * * WASHER - (AN960-416)	3	
	404 101	W	* * * NUT - (AN310-4)	1	
	424 051	W	* * * COTTER PIN - (MS24665-132)	1	
-22	79515-07		* * * BOX ASSEMBLY - Door latch	1	
-23	79515-08		* * * LINK - Door latch mechanism	2	
-24	79515-15		* * * BUSHING - Door latch mechanism	1	
-25	79530-02		* * * HANDLE - Door latch mechanism	1	
-26	587 381		* * * SPRING - (EO240-037-1750S)	2	
-27	62833-105		* * * WASHER - Door latch mechanism	1	
-28	79532-02		* * * LATCH - Cabin door	1	
-29	400 665		* * * BOLT - (AN21-31)	2	
	407 562	W	* * * WASHER - (AN960-6)	2	
	404 391		* * * NUT - (AN320-1)	2	
	424 041		* * * COTTER PIN - (MS24665-5)	2	
-30	424 178	W	* * * PIN - (MS20392-2C-19)	1	
	424 041		* * * COTTER PIN - (MS24665-5)	1	
-31	480 800		* * * PIN - Spring (MS9048-111)	1	
-32	407 582		* * * WASHER - (AN960-6L)	2	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
14-33	400 668		* * * BOLT - (AN23-26)	1	
	407 584	W	* * * WASHER - (AN960-10L)	4	
	404 392	W	* * * NUT - (AN320-3)	1	
	424 051	W	* * * COTTER PIN - (MS24665-132)	1	
-34	424 141		* * * PIN - (MS20392-1C-9)	1	
	407 562	W	* * * WASHER - (AN960-6)	2	
	424 041		* * * COTTER PIN - (MS24665-5)	1	
-35	79542-05	C	* PAN - Door latch	1	
-36	99997-00		* EXTRUSION - Vinyl	7	
-37	36598-02		* LATCH ASSEMBLY - Door, auxiliary	1	
-38	79475-34		* * PAN - Door latch	1	
-39	62833-06		* * WASHER	1	
-40	63045-00		* * SPRING - Door latch	1	
-41	36590-02		* * HANDLE - Door, auxiliary	1	
-42	63042-03		* * CAM - Door latch	1	
-43	63036-03		* * HOOK ASSEMBLY - Door latch (with 3/8 O.D. welded stud)	1	
	63036-04		* * HOOK ASSEMBLY - Door latch (with 1/4 O.D. welded stud)	1	
-44	63900-50		* * BUSHING	3	
-45	68179-00	G	* * PLATE - Door latch	1	
	68179-07	H	* * PLATE - Door latch	1	
-46	68179-02	G	* * PLATE - Door latch	1	
	68179-08	H	* * PLATE - Door latch	1	
-47	63913-76		* * BUSHING	1	
-48	407 680	W	* * WASHER - (AN960C816)	1	
-48a	36572-03		* * ROLLER - Door latch (3/8 O.D.)	1	
-48b	519 853		* * SCREW - (MS24622-43)	1	
	62833-107		* * WASHER - Teflon	1	
	407 586	W	* * WASHER - (AN960-516L)	1	
-49	63039-00		* HANDLE - Door, auxiliary latch	1	
-50	519 853		* SCREW - (MS24622-43)	1	
	62833-107		* WASHER - Teflon	1	
	407 680	W	* WASHER - (AN960-C816)	1	
-51	62833-21		* WASHER - Neoprene	1	
-52	419 594		* SCREW - (AN530-10R36)	2	
-53	464 412		* HANDLE - Door, assist(PS10091-1)	1	
-54	87329-07	B	LOCK ASSEMBLY - Cabin door	1	
-55	69669-117		PLACARD - Open	1	
-56	69669-118		PLACARD - Latch	1	
-57	65727-00		DOOR HOLDER ASSEMBLY	1	
-58	62833-39		WASHER - Door holder (neoprene)	2	
-59	68555-05	D	PLACARD - Door lock	1	
-60	63020-02		BUSHING - Door holder	2	
-61	424 204		PIN - (MS20392-3C13)	2	
	407 585	W	WASHER - (AN960-416L)	4	
	424 151	W	COTTER PIN - (MS24665-132)	2	
-62	400 862		BOLT - (AN23-10A)	2	
-63	453 856		BUMPER - (SJ5003)	2	

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



PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 15

- A - If matching ignition switch and door locks are desired, order Kit 87329-04.
- B - Used on PA-32RT-300 with serial numbers 32R-7885001 to 32R-7885302 inclusive, and PA-32RT-300T with serial numbers 32R-7887001 to 32R-7887307 inclusive.
- C - Used on PA-32RT-300 with serial numbers 32R-7885001 to 32R-7985102 inclusive, and PA-32RT-300T with serial numbers 32R-7887001 to 32R-7987124 inclusive.
- D - Used on PA-32RT-300 with serial numbers 32R-7985103 and up, and PA-32RT-300T with serial numbers 32R-7987125 and up.
- E - Used with door latch hook assembly that has a 3/8 O.D. welded stud.
- F - Used with door latch hook assembly that has a 1/4 O.D. welded stud and 3/8 O.D. removable roller.
- G - Door Assembly includes auxiliary latch assembly. Lock assembly, armrest, and trim panel are not included.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
15-	79546		DRAWING - Doors Installation		
-1	96981-09	G	DOOR ASSEMBLY - Cabin, aft	1	
-2	96995-06		* DOOR ASSEMBLY - Cabin, aft	1	
-3	68188-00		* LATCH ASSEMBLY - Door	1	
-4	14627-03	W	* * PIN - Door latch	1	
-5	69224-00		* * TONGUE ASSEMBLY - Door latch	1	
-6	14635-02	W	* * SPRING	2	
-7	79434-00		* * HOUSING ASSEMBLY - Door latch	1	
-8	66654-00		* * PLATE ASSEMBLY	1	
-9	79594-00		* * PLATE	1	
-10	81262-68	W	* * LINK	1	
-11	83302-43	W	* * SPRING	1	
-12	424 163	W	* * PIN - (AN392-53)	1	
	407 562	W	* * WASHER - (AN960-6)	1	
	424 051	W	* * COTTER PIN - (MS24665-132)	1	
-13	480 694	W	* * ROLL PIN - (59-028-125-05625)	1	
-14	424 162	W	* * PIN - (AN392-49)	1	
	424 051	W	* * COTTER PIN - (MS24665-132)	1	
	407 562	W	* * WASHER - (AN960-6)	1	
-15	14843-90	W	* * BUSHING	2	
-16	66641-00		* * PLATE - Door latch stop	1	
-17	21843-00	W	* * PLATE - Seal support	1	
-18	21844-00	W	* * SEAL	1	
-19	21478-00		* * SEAL	1	
-20	96863-06		* ACTUATOR ASSEMBLY - Door latch, lower	1	
-21	96864-00		* CLAMP - Lower door latch	2	
-22	21176-00	W	* SPACER - Door lock	1	
-23	68187-00		* PLATE - Trim, latch	1	
-24	99070-00		* RETAINER - Window	1	
-25	99783-00		* ROD - Door latch	1	
-26	68174-00		* HINGE - Aft cabin door	2	
-27	414 761	W	* SCREW - (MS24693-S48)	2	
	477 673		* NUT - (MU-832-38-050/075-L-F10)	2	
-28	415 518	W	* SCREW - (MS35206-228)	4	
-29	63039-00		* HANDLE - Door, auxiliary	1	
-30	415 533		* SCREW - (MS35206-243)	12	
	407 120		* LOCK WASHER - (AN936-B8)	12	
-31	519 853		* SCREW - (MS24622-43)	1	
	62833-101		* WASHER	1	
-32	464 048		* HANDLE - Door, left (113-837-019L)	1	
-33	587 221		* SPRING - Pull rod (113-837-199)	1	
-34	99069-00		* WINDOW - Cabin door, aft (.080 thick)	1	
	99069-03		* WINDOW - Cabin door, aft (.125 thick)	1	
	99069-02		* WINDOW - Cabin door, aft (.080 thick) tinted	1	
	99069-04		* WINDOW - Cabin door, aft (.125 thick) tinted	1	
-35	96993-02		* LATCH ASSEMBLY - Aft cabin door, auxiliary	1	
-36	414 769	W	* * SCREW - (MS24693-S53)	2	
	404 833	W	* * NUT - (MS20364-832C)	2	
-37	407 569	W	* * WASHER - (AN960-816)	1	
-38	414 777	W	* * SCREW - (MS24693-S47)	2	
-39	62833-06		* * WASHER	1	
-40	68186-02		* * PAN - Door latch	1	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
15-41	68176-02		* * HOOK ASSEMBLY - Door latch (with 3/8 O.D. welded stud)	1	
	68176-03		* * HOOK ASSEMBLY - Door latch (with 1/4 O.D. welded stud)	1	
-42	68179-04	E	* * PLATE - Door latch	1	
	68179-06	F	* * PLATE - Door latch	1	
-43	68179-03	E	* * PLATE - Door latch	1	
	68179-05	F	* * PLATE - Door latch	1	
-44	68178-03		* * CAM - Door latch	1	
-45	63045-00		* * SPRING - Door latch	1	
-46	63900-50		* * BUSHING	2	
-47	96996-00		* * BUSHING	1	
-48	36590-02		* * HANDLE - Door, auxiliary (white)	1	
-48a	36572-03		* * ROLLER - Door latch (3/8 O.D.)	1	
-49	519 853		* * SCREW - (MS24622-43)	1	
	407 586	W	* * WASHER - (AN960-516L)	1	
-50	414 761	W	* SCREW - (MS24693-S48)	3	
-51	87329-11	A	LOCK ASSEMBLY - Aft cabin door	1	
-52	486 160		SCREW - (NOO-014-2161)	1	
	494 141		WASHER - (NOO-012-1131)	1	
-53	581 489		PLATE - Trim, black (311-837-247)	1	
-54	459 441		ESCUTCHEON - (113-837-239B)	1	
-55	579 404		PANEL - Door trim, white/camel/black	1	
	579 535		PANEL - Door trim, olivetone	1	
	579 536	C	PANEL - Door trim, midnight blue	1	
	579 310	D	PANEL - Door trim, dark blue	1	
	579 537		PANEL - Door trim, raspberry/black	1	
	579 538		PANEL - Door trim, tan/seal	1	
-56	78085-13		COVER - Window trim	1	
-57	66710-16		HOUSING ASSEMBLY - Armrest	1	
-58	763 003		* BOX ASSEMBLY - Ash tray (S-25-AR-C)	1	
-59	580 731		PAD - Armrest, camel	1	
	579 507		PAD - Armrest, olivetone	1	
	579 508	C	PAD - Armrest, midnight blue	1	
	579 474	D	PAD - Armrest, dark blue	1	
	579 509		PAD - Armrest, black	1	
	579 510		PAD - Armrest, tan	1	
-60	65727-00		HOLDER ASSEMBLY - Door	1	
-61	453 856		BUMPER - Door (SJ-5003)	2	
-62	400 669		BOLT - Clevis (AN23-9A)	1	
-63	63020-02		BUSHING - Door holder	1	
-64	400 870		BOLT - Clevis (AN23-18A)	1	
-65	63900-25		BUSHING - Door holder	1	
-66	424 204		PIN - (MS20392-3C13)	2	
	407 585	W	WASHER - (AN960-416L)	4	
	424 051	W	COTTER PIN - (MS24665-132)	2	
-67	68555-05	B	PLACARD ASSEMBLY - Door latch	1	
-68	99997-00		EXTRUSION - Vinyl	5	
-69	453 674		PLUG - Button (SS-50834)	1	
-70	464 412		HANDLE - Door, assist (PS10091-1)	1	
-71	419 594		SCREW - (AN530-10R36)	2	
-72	19063-02	W	MOULDING - Cabin door (quarter-round type)	13	
	189 139		MOULDING - Cabin door (bulb type)	13	

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

PIPER PARTS CATALOG

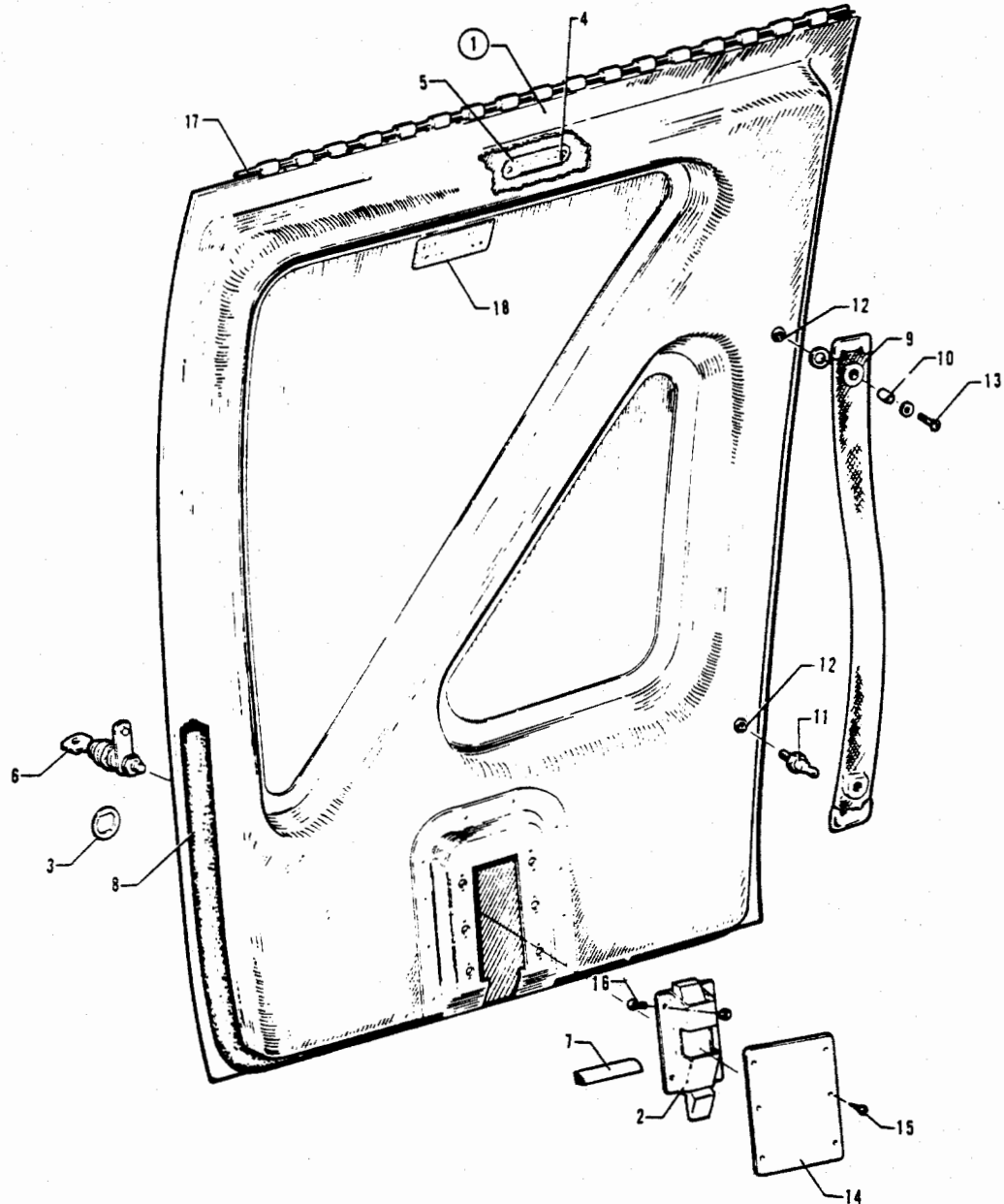


Figure 16. Fuselage Forward Baggage Door

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 16

A - If matching ignition switch and door locks are desired, order Kit 87329-04.

W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
16-	79546		DRAWING - Doors Installation		
-1	69853-06		DOOR ASSEMBLY - Forward baggage (bonded) (less lock assembly)	1	
-2	472 077		* LATCH - Trigger action H38-064-.750 (incorporates rectangular push button)	1	
-3	21176-00	W	* SPACER - Door lock	1	
-4	474 107		* MAGNET - (H34-607)	1	
-5	37996-02		* COVER - Magnet	1	
-6	87329-09	A	LOCK ASSEMBLY - Baggage door	1	
-7	66793-09		SEAL - Baggage door	1	
-8	19063-02	W	MOULDING - Baggage door (quarter-round type)	8'	
	189 139		MOULDING - Baggage door (bulb type)	8'	
-9	65440-07		STRAP ASSEMBLY - Baggage door, white	1	
-10	63900-31		BUSHING - Strap	1	
-11	487 674		STUD - (XX-16362 x 3-8)	1	
-12	406 863	W	RIVNUT - (A8K-75)	2	
-13	415 537	W	SCREW - (MS35206-247)	1	
	407 564	W	WASHER - (AN960-10)	1	
-14	69495-00		COVER - Baggage door lock	1	
-15	411 582	W	SCREW - (MS35207-261)	6	
-16	414 763	W	SCREW - (MS24693-S50)	4	
	404 910	W	NUT - (MS20365-832C)	4	
-17	63744-08		PIN - Hinge door	1	
-18	35669-18		PLACARD - Light switch	1	

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

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PIPER PARTS CATALOG

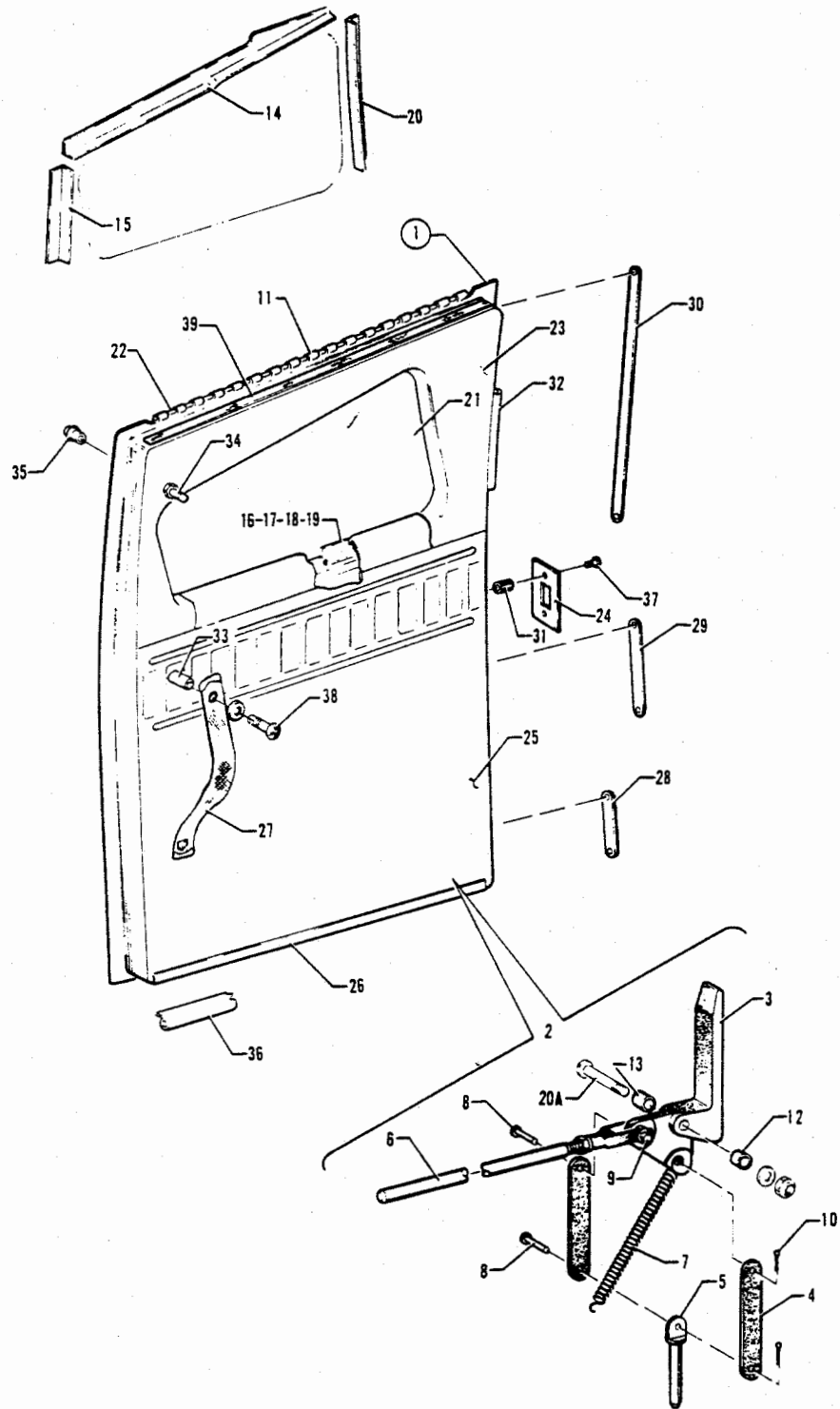


Figure 17. Fuselage Aft Cargo Door

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 17

- A - Used on PA-32RT-300 with serial numbers 32R-7885001 to 32R-7985102 inclusive, and PA-32RT-300T with serial numbers 32R-7887001 to 32R-7987124 inclusive.
- B - Used on PA-32RT-300 with serial numbers 32R-7985103 and up, and PA-32RT-300T with serial numbers 32R-7987125 and up
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
17-	79546		DRAWING - Doors Installation		
-1	69858-02		DOOR ASSEMBLY - Cargo	1	
-2	68976-00		* LATCH ASSEMBLY - Cargo door	1	
-3	69112-00		* * HANDLE - Cargo door latch	1	
-4	68980-00		* * LINK - Cargo door latch	2	
-5	68978-00		* * PIN - Cargo door latch	1	
-6	68981-00		* * PIN ASSEMBLY - Cargo door latch	1	
-7	68963-00		* * SPRING - Cargo door	1	
-8	424 172		* * PIN - (MS20392-2C9)	2	
-9	424 192	W	* * PIN - (MS20392-2C15)	1	
-10	424 095	W	* * COTTER PIN - (MS24665-151)	2	
-11	68964-00		* HINGE HALF - Cargo door	1	
-12	63900-81		* BUSHING - Cargo door	1	
-13	63900-82		* BUSHING - Cargo door	1	
-14	69722-00		* ANGLE - Top, cargo door	1	
-15	69723-00		* ANGLE - Rear, cargo door	1	
-16	69724-00		* RETAINER - Front, cargo door window	1	
-17	69714-01		* RETAINER - Bottom, cargo door window	1	
-18	69725-00		* RETAINER - Top, cargo door window	1	
-19	69726-00		* RETAINER - Rear, cargo door window	1	
-20	69721-00		* ANGLE - Front, cargo door	1	
-20a	411 540	W	* SCREW - (MS35207-271)	1	
	407 564	W	* WASHER - (AN960-10)	1	
	404 887	W	* NUT - (MS20365-1032C)	1	
-21	69706-00		WINDOW - Cargo door, clear (.080 thick)	1	
	69706-02		WINDOW - Cargo door, tinted (.080 thick)	1	
	69706-03		WINDOW - Cargo door, clear (.125 thick)	1	
	69706-04		WINDOW - Cargo door, tinted (.125 thick)	1	
-22	63744-10		PIN - Hinge, cargo door	1	
-23	69859-07		COVER - Upper cargo door	1	
-24	63293-02		PLATE - Door latch striker	1	
-25	579 400		PANEL ASSEMBLY - Cargo door, white/camel/black	1	
	579 519		PANEL ASSEMBLY - Cargo door, olivetone	1	
	579 520	A	PANEL ASSEMBLY - Cargo door, midnight blue	1	
	579 306	B	PANEL ASSEMBLY - Cargo door, dark blue	1	
	579 521		PANEL ASSEMBLY - Cargo door, raspberry/black	1	
	579 522		PANEL ASSEMBLY - Cargo door, tan/seal	1	
-26	68547-04		RETAINER - Cargo door, lower	1	
-27	65440-07		STRAP ASSEMBLY - Cargo door, white	1	
-28	63142-28		TRIM STRIP - Cargo door, lower	1	
-29	63142-29		TRIM STRIP - Cargo door, middle	1	
-30	63142-30		TRIM STRIP - Cargo door, upper	1	
-31	63257-00		BUSHING - Striker plate	2	
-32	68999-08		WINDLACING - Cargo door	1	
-33	63900-136		BUSHING - Cargo door (.40 L)	1	
-34	487 674		STUD - (XX-16362 x 3/8)	1	
-35	406 863	W	RIVNUT - (A8K-75)	1	
-36	189 139		MOULDING - Cargo door (bulb type)	2'	
	19063-02	W	MOULDING - Cargo door (quarter-round type)	2'	
-37	415 454	W	SCREW - (AN526-832R16)	2	
-38	415 454	W	SCREW - (AN526-832R16)	1	
	407 564	W	WASHER - (AN960-10)	1	
-39	65692-02		SEAL - Door	1	

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

PIPER PARTS CATALOG

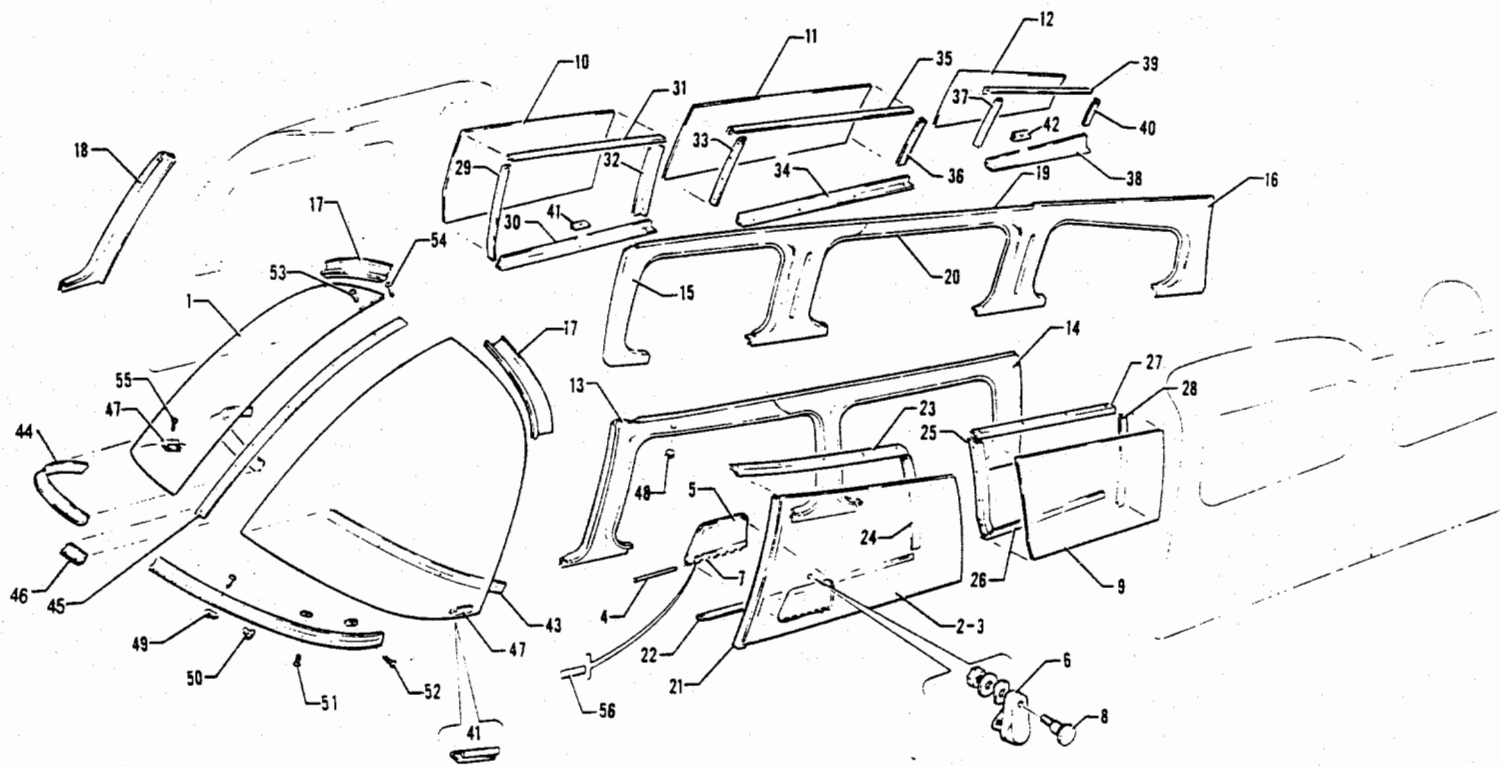


Figure 18. Fuselage Enclosure Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 18

- A - Used if .250 thick sound reduction windshield is installed.
- B - Used if shoulder harness is installed.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
18-	69220 78271 76363 78349	A	DRAWING - Windshield Installation DRAWING - Windshield Installation DRAWING - Window Installation DRAWING - Window Frame Installation		
-1	69220-24 69220-22 78271-03 78271-05 69220-25 69220-23 78271-04 78271-06		WINDSHIELD - Left, clear (.125 thick) WINDSHIELD - Left, tinted (.125 thick) WINDSHIELD - Left, clear (.250 thick) WINDSHIELD - Left, tinted (.250 thick) WINDSHIELD - Right clear (.125 thick) WINDSHIELD - Right, tinted (.125 thick) WINDSHIELD - Right, clear (.250 thick) WINDSHIELD - Right, tinted (.250 thick)	1 1 1 1 1 1 1 1	
-2	69713-03 69713-04		WINDOW ASSEMBLY - Front, left, clear WINDOW ASSEMBLY - Front, left, tinted	1 1	
-3	69712-03 69712-04		WINDOW - Front, left, clear WINDOW - Front, left, tinted	1 1	
-4	63744-09		PIN - Storm window hinge	1	
-5	65896-00 65896-02		WINDOW ASSEMBLY - Storm, clear WINDOW ASSEMBLY - Storm, tinted	1 1	
-6	65742-00	W	LATCH - Storm window	1	
-7	65782-00		HINGE HALF - Storm window	1	
-8	79572-00 408 832 477 696		SCREW - Special, storm window latch WASHER - Shakeproof (3502-10-71) NUT - Dome (8061-NP)	1 1 1	
-9	69704-00 69704-02 69704-03 69704-04		WINDOW - Middle, left, clear (.080 thick) WINDOW - Middle, left, tinted (.080 thick) WINDOW - Middle, left, clear (.125 thick) WINDOW - Middle, left, tinted (.125 thick)	1 1 1 1	
-10	69705-00 69705-02 69705-03 69705-04		WINDOW - Middle, right, clear (.080 thick) WINDOW - Middle, right, tinted (.080 thick) WINDOW - Middle, right, clear (.125 thick) WINDOW - Middle, right, tinted (.125 thick)	1 1 1 1	
-11	68306-00 68306-02 68306-03 68306-04		WINDOW - Middle, right, clear (.080 thick) WINDOW - Middle, right, tinted (.080 thick) WINDOW - Middle, right, clear (.125 thick) WINDOW - Middle, right, tinted (.125 thick)	1 1 1 1	
-12	69707-00 69707-02 69707-03 69707-04		WINDOW - Rear, right, clear (.080 thick) WINDOW - Rear, right, tinted (.080 thick) WINDOW - Rear, right, clear (.125 thick) WINDOW - Rear, right, tinted (.125 thick)	1 1 1 1	
-13	78349-17		COVER ASSEMBLY - Window trim, forward, left	1	
-14	78349-10 78349-04	B	COVER ASSEMBLY - Window trim, middle, left COVER ASSEMBLY - Window trim, middle, left	1 1	
-15	78349-12 78349-08	B	COVER ASSEMBLY - Window trim, middle, right COVER ASSEMBLY - Window trim, middle, right	1 1	
-16	78349-11		COVER ASSEMBLY - Window trim, rear, right	1	
-17	63149-22 63149-23		COVER - Windshield trim, left COVER - Windshield trim, right	1 1	
-18	79171-13		COVER - Window trim, front, right	1	
-19	78057-00		RETAINER - Window frame, extrusion	10'	
-20	99997-00		EXTRUSION - Vinyl	AR	
-21	79562-00		ANGLE - Left front, front window	1	
-22	69709-00		RETAINER - Left bottom, front window	1	
-23	68293-02		ANGLE - Left top, front window	1	
-24	69700-00		RETAINER - Left rear, front window	1	
-25	69701-00		RETAINER - Left front, middle window	1	
-26	69642-00		ANGLE - Left bottom, middle window	1	
-27	69708-00		RETAINER - Left top, middle window	1	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
18-28	68297-00		ANGLE - Left rear, middle window	1	
-29	69701-01		RETAINER - Right front, middle window	1	
-30	69643-00		ANGLE - Right bottom, middle window	1	
-31	69710-00		RETAINER - Right top, middle window	1	
-32	68297-01		ANGLE - Right rear, middle window	1	
-33	68300-00		ANGLE - Right front, middle window	1	
-34	69644-00		ANGLE - Right bottom, middle window	1	
-35	68301-00		ANGLE - Right top, middle window	1	
-36	68303-00		ANGLE - Right rear, middle window	1	
-37	69717-00		RETAINER - Right front, aft window	1	
-38	69714-00		RETAINER - Right bottom, aft window	1	
-39	69716-00		RETAINER - Right top, aft window	1	
-40	69715-00		RETAINER - Right rear, aft window	1	
-41	99943-00		RETAINER - Window panel	10	
-42	78086-00		RETAINER - Aft window	2	
-43	69220-18		COLLAR - Inside, left	1	
	69220-19		COLLAR - Inside, right	1	
-44	69220-04		COLLAR - Outside, left	1	
	69220-05		COLLAR - Outside, right	1	
-45	79557-00		TRIM STRIP - Windshield, center	1	
-46	69219-00		PLATE - Windshield collar	1	
-47	79154-00		RETAINER - Windshield, left	1	
	79155-00		RETAINER - Windshield, right	1	
-48	581 928		PLUG - (207-200201-00-0103)	9	
-49	406 809	A,W	ANCHOR NUT - (NAS687A06K)	2	
	486 286	A	SCREW - (NAS601-8P)	2	
-50	406 642	W	ANCHOR NUT - (NAS684A06K)	2	
	486 286		SCREW - (NAS601-8P)	2	
-51	406 823	W	ANCHOR NUT - (NAS686A06K)	20	
	486 286		SCREW - (NAS601-8P)	20	
-52	415 521	W	SCREW - (MS35206-231)	2	
	415 520	A,W	SCREW - (MS35206-230)	2	
-53	415 536	W	SCREW - (MS35206-246)	8	
	415 537	A,W	SCREW - (MS35206-247)	8	
-54	415 544	W	SCREW - (MS35206-244)	1	
	415 535	A,W	SCREW - (MS35206-245)	1	
-55	419 681	W	SCREW - (PS10012-4)	4	
	494 001	W	WASHER - (PS10016-4)	4	
-56	69669-141		PLACARD - Storm window	1	

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

--- PIPER PARTS CATALOG ---

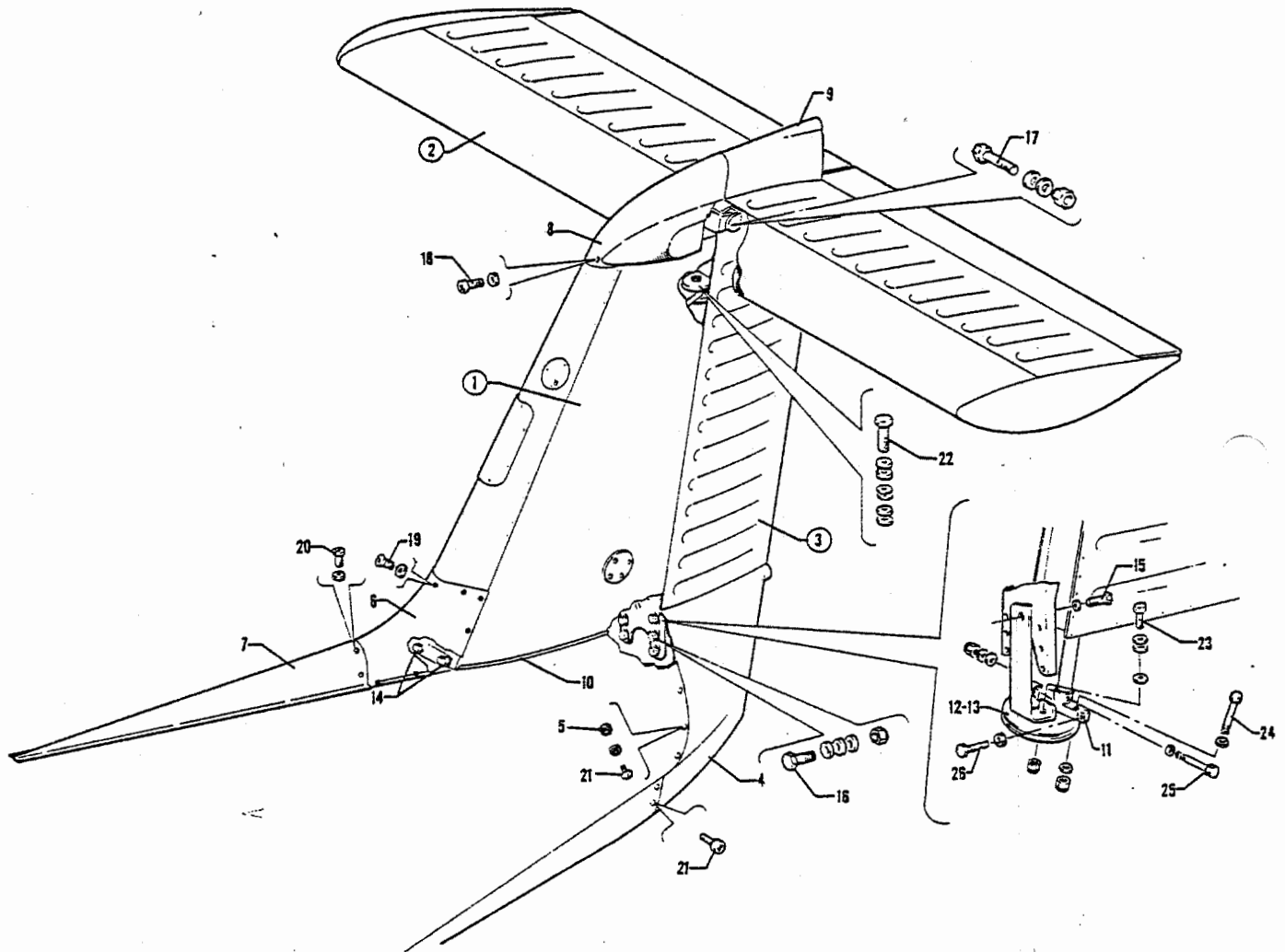


Figure 19. Tail Surfaces Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 19

- A - See Figure 21 for component parts.
- B - See Figure 20 for component parts.
- C - See Figure 22 for component parts.
- D - Used if tail light is not installed.
- E - Used if tail light is installed.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
19-	78908 38400 78981 38402 78912 78913		DRAWING - Fin Assembly and Installation DRAWING - Stabilator Assembly and Installation DRAWING - Rudder Assembly and Installation DRAWING - Fin Tip Assembly and Installation DRAWING - Stinger Assembly Installation DRAWING - Dorsal Fin Assembly and Installation		
-1	78908-03	A	FIN ASSEMBLY	1	
-2	38400-03	B	STABILATOR ASSEMBLY	1	
-3	78981-19	C	RUDDER ASSEMBLY	1	
-4	78912-03	D	STINGER ASSEMBLY - Tail	1	
	78912-11	E	STINGER ASSEMBLY - Tail	1	
-5	477 672		* NUT - (PS10062-5-1)	12	
-6	78913-03		DORSAL FIN - Aft	1	
-7	78913-04		DORSAL FIN - Forward	1	
-8	38349-03		TIP - Fin, forward	1	
-9	38402-05		TIP - Fin, aft	1	
-10	63186-02		MOULDING - Extruded	2	
-11	38394-02		FITTING - Rudder torque tube	1	
-12	86496-05		SECTOR ASSEMBLY - Rudder	1	
-13	452 719		* BEARING - (PS10020-7-17)	1	
-14	400 002	W	BOLT - (AN4-5A)	2	
	407 565	W	WASHER - (AN960-416)	2	
-15	401 186	W	BOLT - (AN5-6A)	1	
	407 566	W	WASHER - (AN960-516)	1	
-16	401 186	W	BOLT - (AN5-6A)	6	
	407 566	W	WASHER - (AN960-516)	12	
	407 586	W	WASHER - (AN960-516L)	6	
	404 889	W	NUT - (MS20365-524C)	6	
-17	402 680		BOLT - (NAS1104-17)	2	
	407 565	W	WASHER - (AN960-416)	AR	
	407 585	W	WASHER - (AN960-416L)	AR	
	404 561		NUT - (MS21045-4)	2	
-18	510 058		SCREW - (NAS514P832-8)	16	
	494 101	W	WASHER - (PS10092-1-2C)	16	
-19	414 779		SCREW - (MS24693-S49)	16	
	494 101	W	WASHER - (PS10092-1-2C)	16	
-20	415 533		SCREW - (MS35206-243)	4	
	407 583	W	WASHER - (AN960-8L)	4	
	477 672		NUT - (PS10062-5-1)	4	
-21	415 535	W	SCREW - (MS35206-245)	18	
	407 583	W	WASHER - (AN960-8L)	18	
-22	401 270	W	BOLT - (AN3-11A)	1	
	407 564	W	WASHER - (AN960-10)	4	
	407 584	W	WASHER - (AN960-10L)	2	
-23	402 316		BOLT - (AN174-15A)	1	
	407 585	W	WASHER - (AN960-416L)	2	
	407 565	W	WASHER - (AN960-416)	2	
	404 888	W	NUT - (MS20365-428C)	1	
-24	402 314		BOLT - (AN174-13A)	2	
	407 565	W	WASHER - (AN960-416)	4	
	404 888	W	NUT - (MS20365-428C)	2	
-25	402 291		BOLT - (AN173-16A)	2	
	407 574		WASHER - (AN960-PD10)	6	
	404 887	W	NUT - (MS20365-1032C)	2	
-26	553 267		BOLT - (NKN428-3-10)	2	
	404 224	W	NUT - (AN315-3R)	2	

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

PIPER PARTS CATALOG

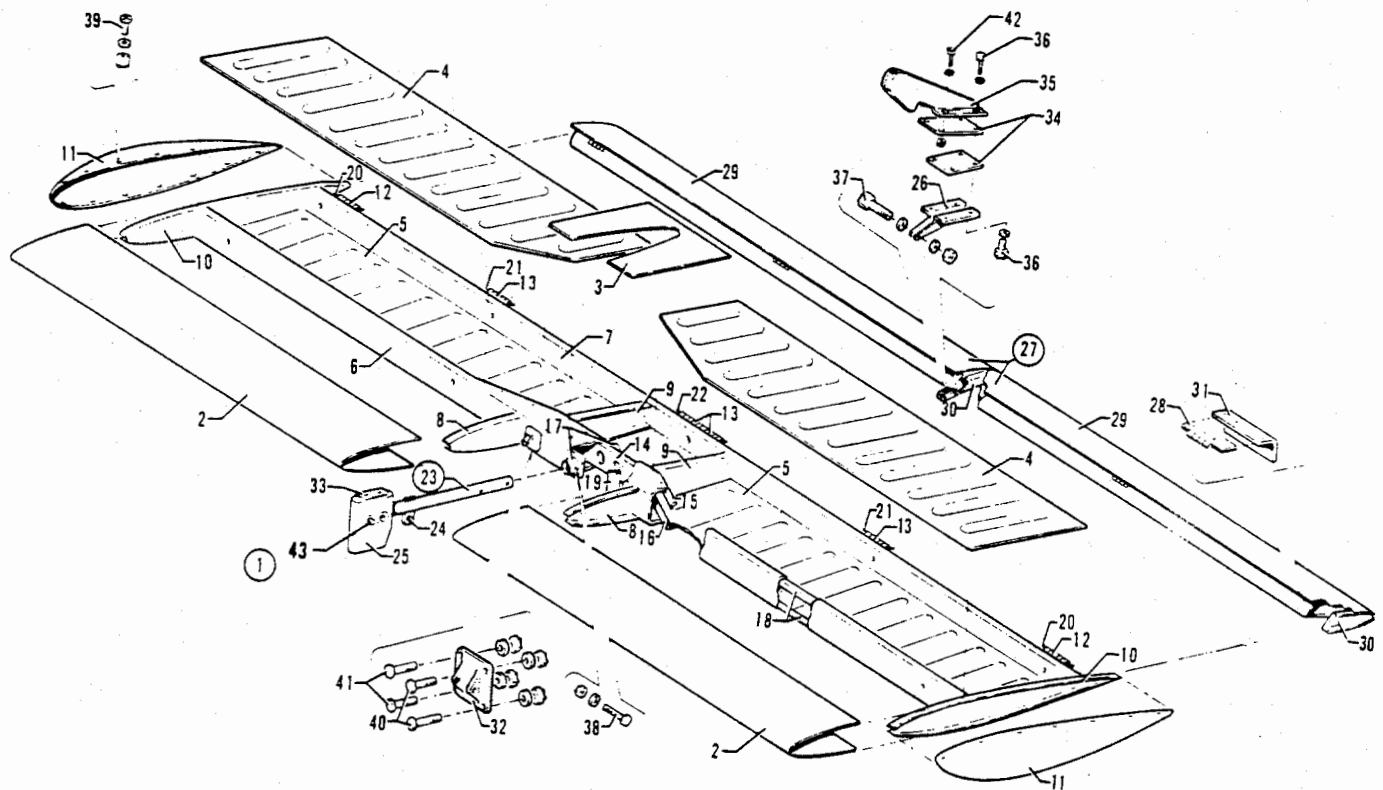


Figure 20. Stabilator Assembly

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 20

W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
20-	38400		DRAWING - Stabilator Assembly and Installation		
-1	38400-03		STABILATOR ASSEMBLY	1	
-2	78938-02		* SKIN - Leading edge, left	1	
	78938-03		* SKIN - Leading edge, right	1	
-3	78937-02		* SKIN - Center, top	1	
	78937-03		* SKIN - Center, bottom	1	
-4	63392-00		* SKIN - Aft, top, left	1	
	63392-01		* SKIN - Aft, top, right	1	
-5	63393-00		* SKIN - Aft, bottom, left	1	
	63393-01		* SKIN - Aft, bottom, right	1	
-6	63561-06		* SPAR - Stabilator, main	1	
-7	63572-00		* SPAR - Stabilator, rear	1	
-8	63569-00		* RIB - Stabilator, nose	2	
-9	63570-00		* RIB - Stabilator, aft	2	
-10	63571-00		* RIB - Stabilator, outboard	2	
-11	63584-06		* TIP - Stabilator	2	
-12	38400-07		* HINGE - Extruded, outboard	2	
-13	38400-04		* HINGE - Extruded, inboard and center	4	
-14	63565-02		* CLOSURE - Stabilator	1	
-15	63566-03		* STIFFENER - Stabilator, top, left	1	
	63566-02		* STIFFENER - Stabilator, top, right	1	
-16	63566-02		* STIFFENER - Stabilator, bottom, left	1	
	63566-03		* STIFFENER - Stabilator, bottom, right	1	
-17	63567-00		* FITTING - Balance weight attachment	2	
-18	63562-00		* CAP - Stabilator spar	2	
-19	63564-00		* ANGLE - Stabilator	2	
-20	62002-02		* PIN - Hinge, outboard	2	
-21	62002-03		* PIN - Hinge	2	
-22	62002-04		* PIN - Hinge	1	
-23	38298-06		* TUBE ASSEMBLY - Stabilator balance	1	
-24	452 719		* * BEARING - (PS10020-7-17)	1	
-25	38606-03		* WEIGHT - Stabilator balance	1	
-26	78967-03		* HORN - Stabilator trim tab control	1	
-27	38399-02		* TAB ASSEMBLY - Stabilator trim, left	1	
	38399-03		* TAB ASSEMBLY - Stabilator trim, right	1	
-28	38399-04		* * HINGE - Half, stabilator tab	3	
-29	63586-02		* * SKIN - Stabilator trim tab, left	1	
	63586-03		* * SKIN - Stabilator trim tab, right	1	
-30	63587-00		* * RIB - Outboard	1	
	63587-01		* * RIB - Inboard	1	
-31	63588-03		* * DOUBLER	3	
-32	63563-03		* FITTING - Stabilator hinge	2	
-33	96564-00		* PLATE - Stabilator balance	AR	
-34	78968-02		* PLATE - Control horn tie, bottom	1	
	38406-02		* PLATE - Control horn tie, top	1	
-35	38398-05		* WEIGHT ASSEMBLY - Stabilator trim tab	1	
-36	400 438	W	* BOLT - (AN3-4A)	6	
	407 584	W	* WASHER - (AN960-10L)	6	
-37	401 269	W	* BOLT - (AN3-10A)	1	
	407 564	W	* WASHER - (AN960-10)	2	
	404 887	W	* NUT - (MS20365-1032C)	1	
-38	400 450	W	* BOLT - (AN3-17A)	2	
	407 564	W	* WASHER - (AN960-10)	6	
	404 887	W	* NUT - (MS20365-1032C)	2	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
20-39	510 058		* SCREW - (NAS514P382-8)	28	
	494 101	W	* WASHER - (PS10092-1-2C)	28	
	477 672		* NUT - (PS10062-5-1)	28	
-40	400 003	W	* BOLT - (AN4-6A) Inboard	4	
	407 565	W	* WASHER - (AN960-416)	8	
	404 888	W	* NUT - (MS20365-428C)	4	
-41	400 004	W	* BOLT - (AN4-7A) Outboard	4	
	407 565	W	* WASHER - (AN960-416)	8	
	404 888	W	* NUT - (MS20365-428C)	4	
-42	400 438	W	* BOLT - (AN3-4A)	2	
	407 584	W	* WASHER - (AN960-10L)	2	
	404 887	W	* NUT - (MS20365-1032C)	2	
-43	400 014	W	* BOLT - (AN4-21A)	2	
	407 565	W	* WASHER - (AN960-416)	2	
	404 888	W	* NUT - (MS20365-428C)	2	

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

--- **PIPER PARTS CATALOG** ---

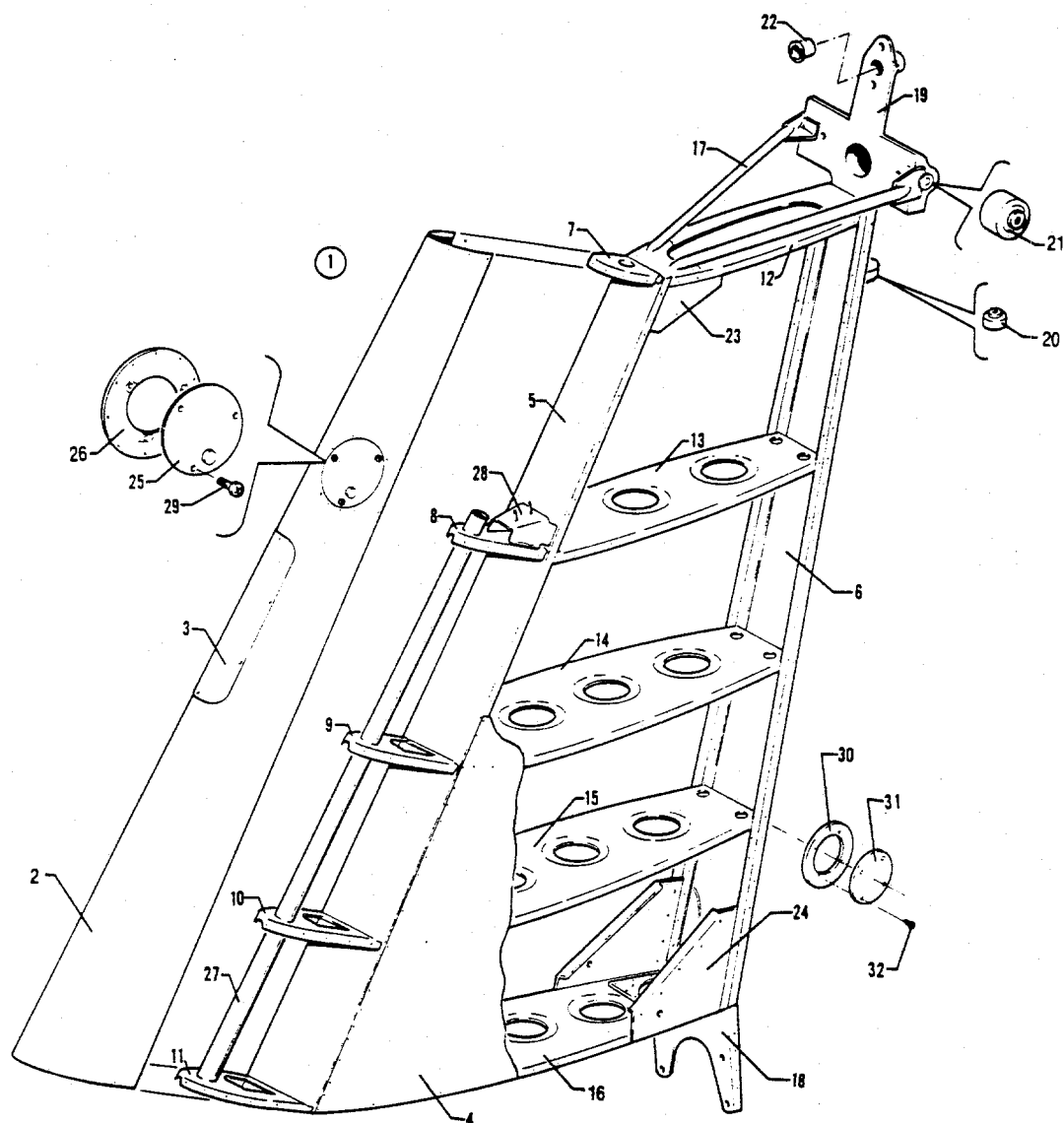


Figure 21. Fin Assembly

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 21

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
21-	78908		DRAWING - Vertical Fin Assembly and Installation		
-1	78908-03		FIN ASSEMBLY	1	
-2	78908-04		* SKIN ASSEMBLY - Leading edge, fin	1	
-3	78908-11		* * COVER - Air inlet	1	
-4	78908-08		* SKIN - Fin, left	1	
	78908-09		* SKIN - Fin, right	1	
-5	78935-28		* SPAR ASSEMBLY - Fin, front	1	
-6	78935-27		* SPAR ASSEMBLY - Fin, rear	1	
-7	38321-02		* RIB ASSEMBLY - Fin nose	1	
-8	38347-02		* RIB - Fin nose	1	
-9	78935-19		* RIB - Fin nose	1	
-10	78935-35		* RIB - Fin nose	1	
-11	78935-17		* RIB - Fin nose	1	
-12	38622-02		* RIB ASSEMBLY - Upper fin root	1	
-13	78935-31		* RIB - Fin root	1	
-14	78935-32		* RIB - Fin root	1	
-15	78935-21		* RIB - Fin root	1	
-16	78935-42		* RIB ASSEMBLY - Fin root	1	
-17	35697-02		* SUPPORT ASSEMBLY - Vertical fin	1	
-18	78924-04		* FITTING - Vertical fin attachment	1	
-19	78927-02		* FITTING ASSEMBLY - Stabilator attachment	1	
-20	452 387		* * BEARING - (KP3A)	1	
-21	452 538		* * BEARING - (DSRP4)	2	
-22	452 627		* * BEARING - (FF-1207-3)	1	
-23	38346-02		* DOUBLER - Fin, top	2	
-24	78935-08		* DOUBLER - Fin, left	1	
	78935-09		* DOUBLER - Fin, right	1	
-25	38381-02		* DOOR ASSEMBLY - Antenna	1	
-26	38382-02		* DOUBLER ASSEMBLY - Antenna door	1	
-27	95264-02		* CONDUIT - Fin, leading edge	1	
-28	38379-02		* BRACKET - Antenna mounting	1	
-29	415 533		* SCREW - (MS35206-243)	3	
-30	78935-46		* DOUBLER ASSEMBLY - Cover, left	1	
-31	78935-47		* COVER - Access, left	1	
-32	415 533		* SCREW - (MS35206-243)	4	

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

PIPER PARTS CATALOG

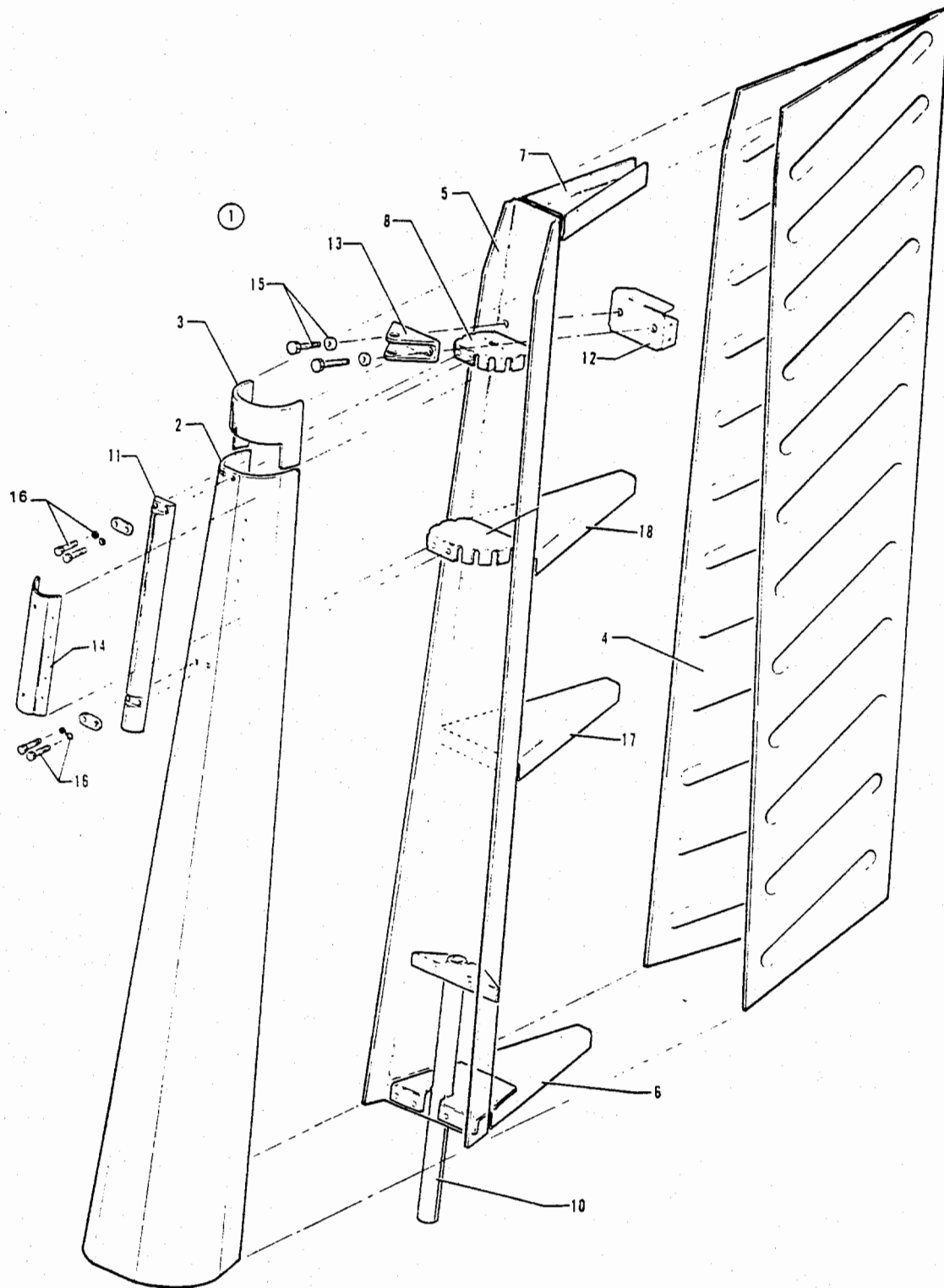


Figure 22. Rudder Assembly

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 22

- A - Before ordering rudder skin, ascertain rudder assembly part number stamped on rudder assembly identification plate. If rudder assembly P/N 78981-03 or 78981-19 is installed on aircraft, a new rudder assembly P/N 78981-23 must be ordered as a replacement. If rudder assembly P/N 78981-23 is installed, order skin P/N 78928-02 as a replacement.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
22-	78981		DRAWING - Rudder Assembly and Installation		
-1	78981-23		RUDDER ASSEMBLY	1	
-2	78981-10		* SKIN - Leading edge, lower	1	
-3	78981-11		* SKIN - Leading edge, upper	1	
-4	78928-02	A	* SKIN - Rudder	1	
-5	78981-05		* SPAR - Rudder	1	
-6	78981-06		* RIB - Rudder root	1	
-7	78981-07		* RIB - Rudder tip	1	
-8	78981-15		* RIB ASSEMBLY - Nose	1	
-9	78981-16		* RIB ASSEMBLY - Nose	1	
-10	78915-02		* TORQUE TUBE ASSEMBLY - Rudder	1	
-11	78982-02		* WEIGHT - Rudder balance	1	
-12	78981-17		* DOUBLER ASSEMBLY - Rudder nose	1	
-13	78981-08		* HINGE - Rudder	1	
-14	78981-18		* COVER PLATE - Balance weight	1	
-15	400 438	W	* BOLT - (AN3-4A)	2	
	407 584	W	* WASHER - (AN960-10L)	2	
-16	401 258		* BOLT - (AN3H-6A)	4	
	407 584	W	* WASHER - (AN960-10L)	4	
-17	78981-24		* RIB - Rudder	1	
-18	78981-25		* RIB - Rudder	1	

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

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PIPER PARTS CATALOG

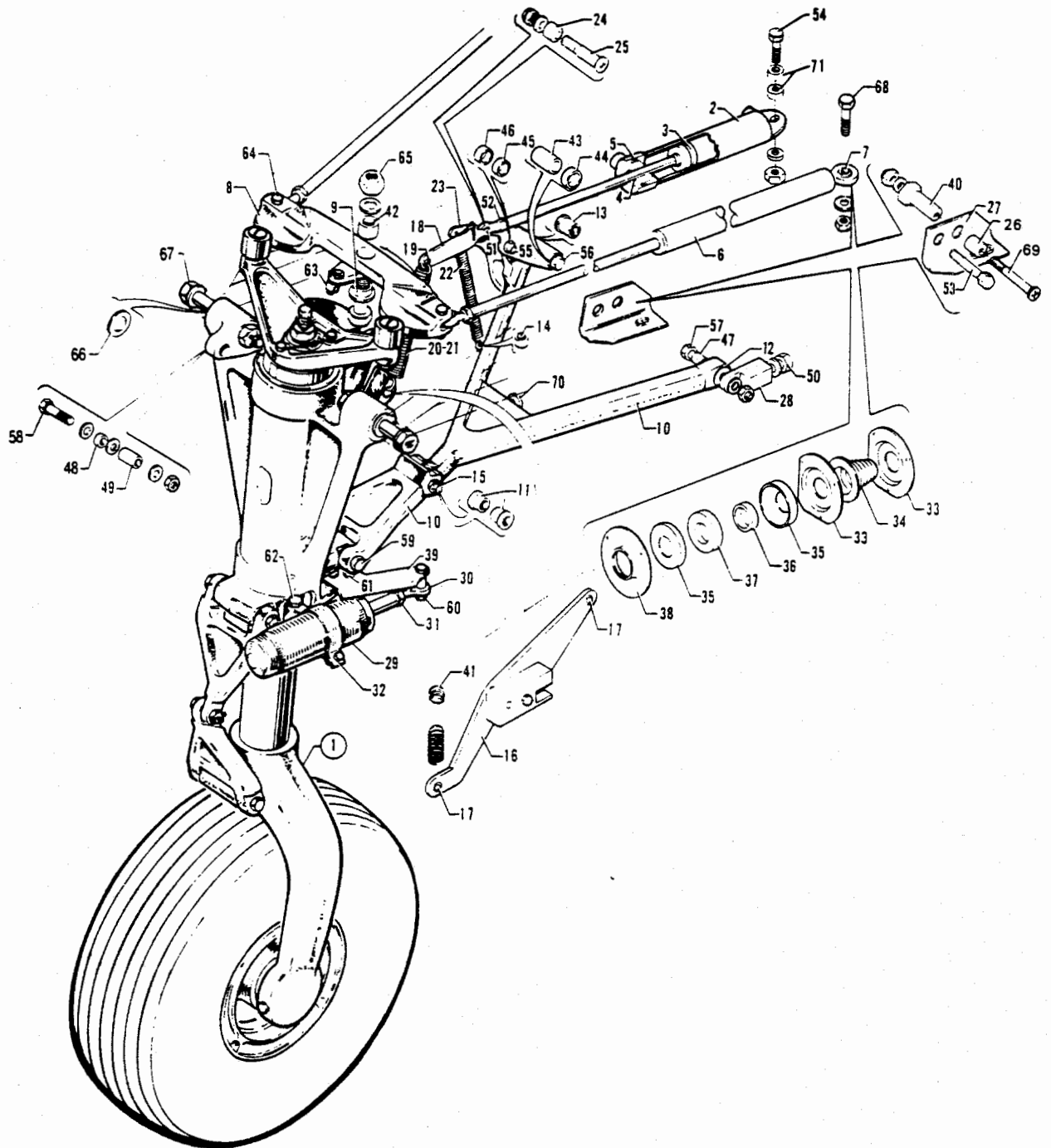


Figure 23. Nose Gear Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 23

- A - See Figure 24 for component parts.
- B - Used on PA-32RT-300 only.
- C - Used if shock absorber is stamped with Monroe part number 18737.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
23-	38040		DRAWING - Nose Gear Installation		
-1	67100-07	A	GEAR ASSEMBLY - Nose (less tire, tube and wheel assembly)	1	
-2	35797-02		CYLINDER ASSEMBLY - Hydraulic, nose gear (Gar-Kenyon P/N 94951)	1	
-3	752 595		* "O" RING - (MS28775-120)	1	
-4	752 585		* "O" RING - (MS28775-110)	1	
-5	752 596		* "O" RING - (MS28775-122)	1	
-6	38151-00		ROD ASSEMBLY - Nose wheel steering	2	
-7	452 334		* BEARING - Steering rod (PS10020-1-6RX)	2	
-8	67155-00		CAM ASSEMBLY - Nose gear steering	1	
-9	452 445		* BEARING - Steering cam (FF-600-5)	1	
-10	38040-02		LINK AND BRACE ASSEMBLY - Gear downlock	1	
-11	87319-02		* BEARING - Upper drag brace	2	
-12	87319-03		* BEARING - Upper drag brace	1	
-13	87319-04		* BEARING - Upper drag brace	1	
-14	61402-93		* BUSHING - Upper drag brace	1	
-15	402 938		* BOLT - (NAS464P4-31)	1	
	407 565	W	* WASHER - (AN960-416)	2	
	404 393	W	* NUT - (AN320-4)	1	
	424 051	W	* COTTER PIN - (MS24665-132)	1	
-16	38232-04		ARM ASSEMBLY - Nose gear spring, forward	1	
-17	82732-99	W	* BUSHING - Nose gear arm	2	
-18	38234-00		ARM ASSEMBLY - Nose gear spring, aft	1	
-19	82732-99	W	* BUSHING - Nose gear arm	1	
-20	67168-00		SPRING - Nose gear arm, inner	1	
-21	67169-00		SPRING - Nose gear arm, outer	1	
-22	67189-00		SPRING - Nose gear downlock	1	
-23	38078-02		DOWNLOCK - Nose gear	1	
-24	65003-30		* BUSHING - Downlock	1	
-25	400 871		* BOLT - (AN23-19A)	1	
	407 564	W	* WASHER - (AN960-10)	1	
	404 887	W	* NUT - (MS20365-1032C)	1	
-26	38068-02		BEARING - Downlock	1	
-27	38174-04	B	CLIP ASSEMBLY - Support, nose gear door	1	
-28	38041-02		FITTING - Upper drag brace	2	
-29	87357-03		DAMPENER ASSEMBLY - Nose wheel shimmy	1	
-30	11601-03	W	* BOLT - Eye, shimmy dampener	1	
-31	404 322	W	* NUT - Shimmy dampener (AN316-4R)	1	
-32	67244-00	C	CLAMP ASSEMBLY - Shimmy dampener	1	
-33	35284-02		HOUSING - Bungee seal	4	
-34	35270-00		BOOT - Nose wheel bungee	2	
-35	35283-00		HOUSING - Bungee seal	4	
-36	63656-02		PACKING - Bungee seal	2	
-37	35282-00		RING - Bungee seal	2	
-38	38065-00		PLATE - Bungee seal	2	
-39	67114-00		BRACKET ASSEMBLY - Shimmy dampener	1	
-40	35662-02		BUSHING - Eccentric	1	
-41	67168-00		SPRING - Nose gear arm	1	
-42	65003-15		BUSHING	1	
-43	95061-133		BUSHING	1	
-44	95061-134		BUSHING	1	
-45	95061-135		BUSHING	1	
-46	95061-136		BUSHING	1	
-47	65003-45		BUSHING	1	
-48	82732-95		BUSHING	1	
-49	63900-138		BUSHING	1	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
23-50	401 302		BOLT - (AN4H-5A)	2	
	407 585	W	WASHER - (AN960-416L)	2	
-51	452 729		BEARING - (PS10020-1-7RX)	1	
-52	67192-00		NUT - Cylinder rod end	1	
-53	400 443	W	BOLT - (AN3-12A)	3	
	407 584	W	WASHER - (AN960-10L)	3	
	404 887	W	NUT - (MS20365-1032C)	3	
-54	402 869	W	BOLT - (NAS464-P3-A13)	1	
	407 564	W	WASHER - (AN960-10)	1	
	404 526	W	NUT - (MS21042-3)	1	
-55	402 315	W	BOLT - (AN174-15)	1	
	407 675	W	WASHER - (AN960-C416)	1	
	404 101	W	NUT - (AN310-4)	1	
	424 095	W	COTTER PIN - (MS24665-151)	1	
-56	400 229		BOLT - (AN6-36)	1	
	62833-43		WASHER - (I.D. .375)	1	
	62833-107		WASHER - (I.D. 500) (Teflon)	1	
	407 567	W	WASHER - (AN960-616)	1	
	404 123		NUT - (AN310-C6)	1	
	424 061	W	COTTER PIN - (MS24665-287)	1	
-57	400 220		BOLT - (AN6-27)	1	
	62833-43		WASHER - (I.D. .374)	1	
	62833-87		WASHER - (I.D. .437) Teflon	1	
	407 567	W	WASHER - (AN960-616)	1	
	404 123		NUT - (AN310-C6)	1	
	424 061	W	COTTER PIN - (MS24665-287)	1	
-58	400 011	W	BOLT - (AN4-16A)	1	
	62833-64		WASHER	2	
	407 585	W	WASHER - (AN960-416L)	1	
	404 888	W	NUT - (MS20365-428C)	1	
-59	400 192		BOLT - (AN5-52)	1	
	407 586	W	WASHER - (AN960-516L)	2	
	407 566	W	WASHER - (AN960-516)	1	
	404 102	W	NUT - (AN310-5)	1	
	424 052	W	COTTER PIN - (MS24665-134)	1	
-60	400 108	W	BOLT - (AN4-13)	1	
	407 565	W	WASHER - (AN960-416)	2	
	407 585	W	WASHER - (AN960-416L)	2	
	404 101	W	NUT - (AN310-4)	1	
	424 051	W	COTTER PIN - (MS24665-132)	1	
-61	400 440	W	BOLT - (AN3-6A)	2	
	407 564	W	WASHER - (AN960-10)	2	
	404 887	W	NUT - (MS20365-1032C)	2	
-62	400 112	W	BOLT - (AN4-17)	1	
	407 585	W	WASHER - (AN960-416L)	4	
	404 101	W	NUT - (AN310-4)	1	
	424 051	W	COTTER PIN - (MS24665-132)	1	
-63	411 349	W	SCREW - (M35FS428R14CR)	1	
	14976-15	W	BUSHING - (O.D. .625) Outer	1	
	14976-16	W	BUSHING - (O.D. .375) Inner	1	
-64	401 269	W	BOLT - (AN3-10A)	2	
	404 887	W	NUT - (MS20365-1032C)	2	
-65	400 762		BOLT - (AN26-24A)	1	
	407 143	W	WASHER - (AN936-B616)	1	
	62833-10		WASHER	3	
	404 890	W	NUT - (MS20364-624C)	1	
-66	407 568	W	WASHER - (AN960-716)	AR	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
23-67	400 279		BOLT - (AN7-42)	2	
	407 591	W	WASHER - (AN960-716L)	2	
	404 124		NUT - (AN310-C7)	2	
	424 061	W	COTTER PIN - (MS24665-287)	2	
-68	401 274	W	BOLT - (AN3-15A)	2	
	407 584	W	WASHER - (AN960-10L)	2	
	404 887	W	NUT - (MS20365-1032C)	2	
-69	410 011		SCREW - (MS24694-S79)	1	
	407 584	W	WASHER - (AN960-10L)	1	
	404 887	W	NUT - (MS20365-1032C)	1	
-70	37970-02		STOP - 5/16 - 18 thread	1	
-71	86700-46		BUSHING	2	

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

PIPER PARTS CATALOG

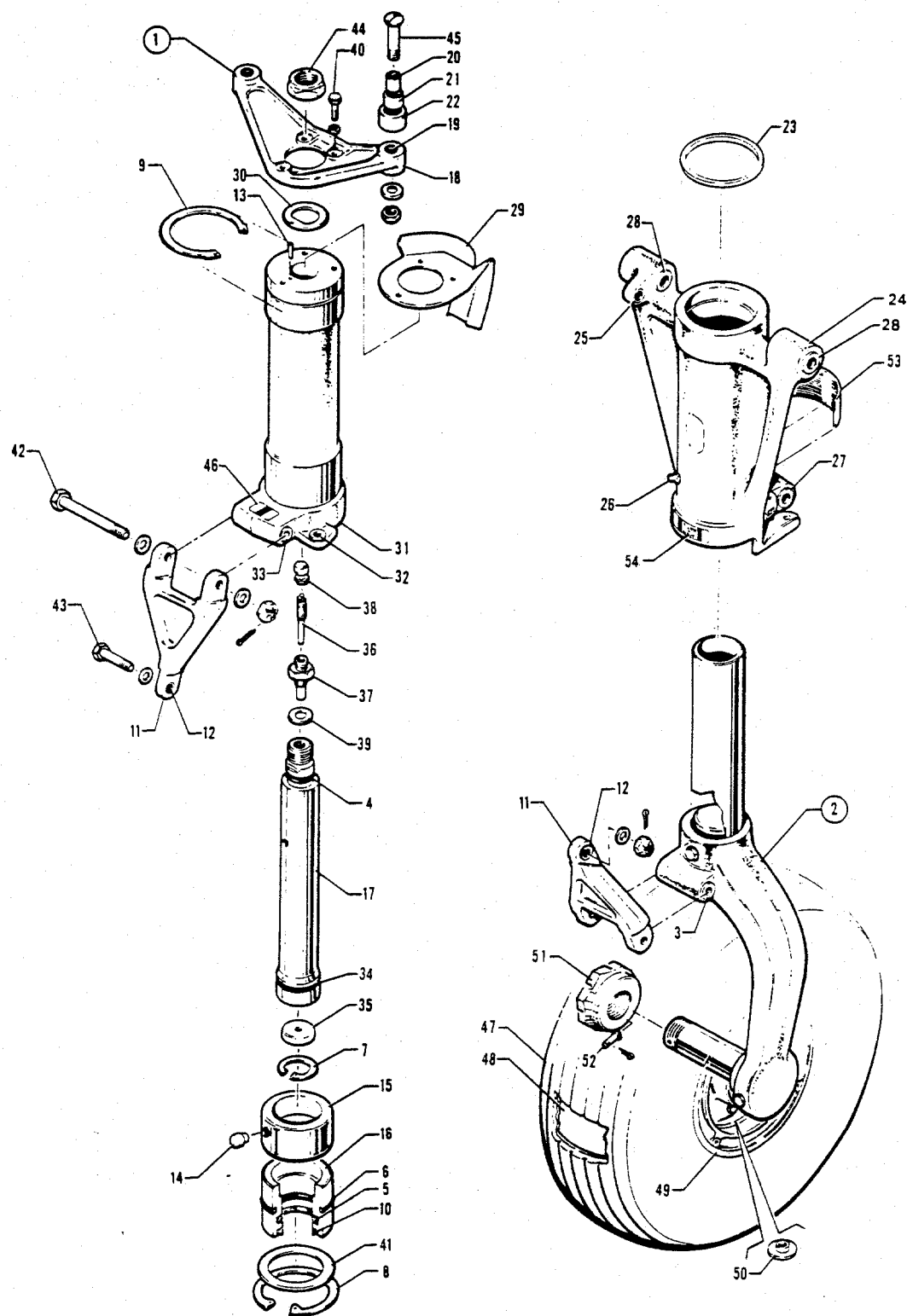


Figure 24. Nose Gear Assembly

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 24

- A - See Figure 25 for component parts.
- B - See Figure 26 for component parts.
- C - Used with McCauley Nose Wheel only.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
24-	38040		DRAWING - Nose Landing Gear Installation		
-1	67100-07		GEAR ASSEMBLY - Nose (less tire, tube and wheel assembly)	1	
-2	67050-02		* STRUT ASSEMBLY - Nose gear, lower	1	
-3	67026-07		* * BEARING	2	
-4	484 790		* "O" RING - (MS28775-210)	1	
-5	484 799		* "O" RING - (MS28775-327)	1	
-6	462 034	W	* "O" RING - (AN6230-5)	1	
-7	484 684		* RING - Snap (N5000-118MD)	1	
-8	484 685		* RING - Snap (N5000-250MD)	1	
-9	484 723	W	* RING - Snap (5100-268)	1	
-10	187 627		* STRIP - Wiper (S-35-29 Code 10490-117)	1	
-11	20735-05		* LINK ASSEMBLY - Nose gear torque	2	
-12	452 366	W	* * BEARING - (F-310-5)	1	
-13	480 700	W	* PIN - Roll (59-022-094-0375)	1	
-14	20784-00	W	* PIN - Bearing retaining	2	
-15	67909-00		* BEARING - Strut tube, upper	1	
-16	67755-00		* BEARING - Strut tube, lower	1	
-17	21712-02	W	* TUBE - Nose gear orifice	1	
-18	44386-03		* ARM ASSEMBLY - Nose wheel steering	1	
-19	14976-11	W	* * BUSHING - Arm assembly	2	
-20	63900-109		* BUSHING - Nose gear, inner	2	
-21	452 477		* BEARING - Sleeve (AA-432-3)	2	
-22	63900-122		* BUSHING - Nose gear, outer	2	
-23	62833-45	W	* SPACER	AR	
-24	67054-03		* TRUNNION ASSEMBLY - Nose gear	1	
-25	95061-144		* * BUSHING - Trunnion assembly	1	
-26	460 691	W	* * FITTING - Grease (AN944-101)	1	
-27	67026-07		* * BEARING	2	
-28	67026-11		* * BEARING	4	
-29	67107-00		* BRACKET - Nose gear aligner guide	1	
-30	21710-00	W	* WASHER - Nose gear lock	1	
-31	67148-00		* TUBE ASSEMBLY - Nose gear strut, upper	1	
-32	21831-04	W	* * BEARING - Tube assembly, nose gear strut	1	
-33	67026-07		* * BEARING	2	
-34	484 828		* RING - Compression (R19047)	1	
-35	67245-00		* PLATE - Orifice	1	
-36	455 124	W	* CORE - Air valve (AN809-1)	1	
-37	453 124	W	* BODY - Air valve (AN812-1)	1	
-38	454 053	W	* CAP - Air valve (AN813-1B)	1	
-39	462 024	W	* GASKET - Air valve (AN901-5A)	1	
-40	401 265	W	* BOLT - (AN3H-7A)	3	
	407 564	W	* WASHER - (AN960-10)	3	
-41	80122-88	W	* WASHER - Nose gear	1	
-42	402 344	W	* BOLT - (AN175-32)	2	
	407 566	W	* WASHER - (AN960-516)	4	
	404 102	W	* NUT - (AN310-5)	2	
	424 052	W	* COTTER PIN - (AN380-2-3)	2	
-43	402 313	W	* BOLT - (AN174-13)	1	
	407 585	W	* WASHER - (AN960-416L)	1	
	407 565	W	* WASHER - (AN960-416)	2	
	404 101	W	* NUT - (AN310-4)	1	
	424 052	W	* COTTER PIN - (AN380-2-3)	1	
-44	404 840	W	* NUT - (MS20364-1414C)	1	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
24-45	400 744		* BOLT - (AN25-30A)	2	
	407 586	W	* WASHER - (AN960-516L)	AR	
	404 837	W	* NUT - (MS20364-524C)	2	
-46	35669-05		PLACARD - Turn limit center mark	1	
-47	451 734		TIRE - (5.00 x 5, 6 ply, Type III) McCreary	1	
	761 978		TIRE - (5.00 x 5, 6 ply, Type III) B.F. Goodrich (heavy duty)	1	
	451 752		TIRE - (5.00 x 5, 6 ply, Type III) McCreary Airhawk (heavy duty)	1	
-48	451 739		TUBE - (5.00 x 5)	1	
-49	551 792	A	WHEEL ASSEMBLY - (40-77B) Cleveland	1	
	551 772	B	WHEEL ASSEMBLY - (D-30500) McCauley	1	
-50	758 397	C	* BUSHING - Valve stem (A-30653)	1	
-51	67106-00		NUT - Nose gear axle	1	
-52	424 146	W	PIN - (MS20392-1C19)	1	
	407 561	W	WASHER - (AN960-4)	1	
	424 052	W	COTTER PIN - (MS24665-134)	1	
-53	69669-89		PLACARD - Oleo service instructions	1	
-54	35669-07		PLACARD - Turn limit	1	

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

PIPER PARTS CATALOG

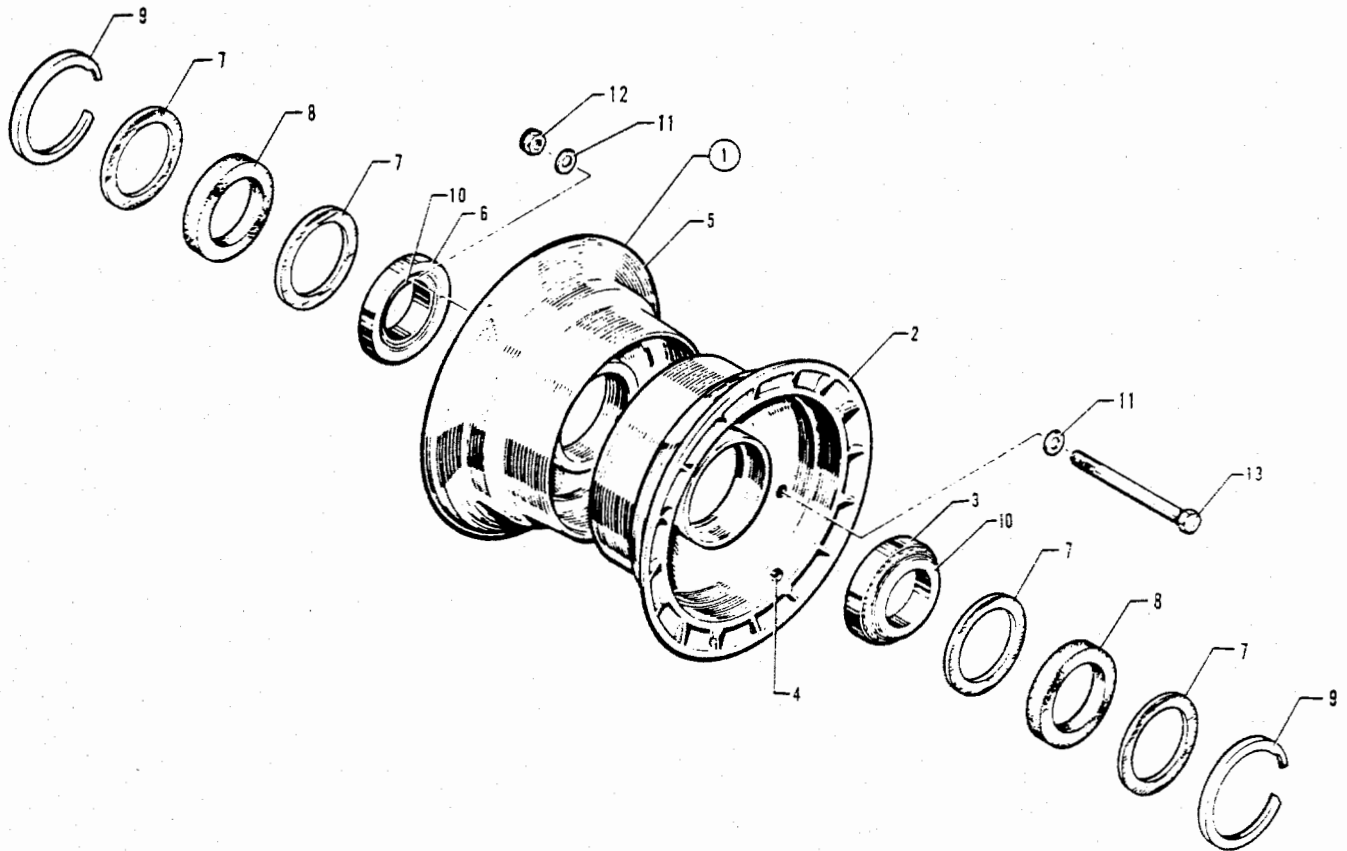


Figure 25. Nose Wheel Assembly (Cleveland)

1E10

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 25

W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
25-1	551 792		WHEEL ASSEMBLY - Nose (40-77B)	1	
-2	756 667		* WHEEL HALF ASSEMBLY - Outer (162-53) (with valve hole)	1	
-3	757 831		* * CUP - Bearing (08231)	1	
-4	755 048		* * GROMMET - (217-00100)	1	
-5	756 668		* WHEEL HALF ASSEMBLY - Inner (161-55)	1	
-6	757 831		* * CUP - Bearing (08231)	1	
-7	756 007		* RING - Grease seal (153-8)	4	
-8	754 804		* FELT - Grease seal (154-6)	2	
-9	756 008		* RING - Snap (155-2)	2	
-10	750 063	W	* BEARING - Cone (08125)	2	
-11	407 565	W	* WASHER - Wheel bolt (AN960-416)	6	
-12	404 888	W	* NUT - Wheel bolt (AN365-428)	3	
-13	400 015	W	* BOLT - Wheel (AN4-22A)	3	

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

PIPER PARTS CATALOG

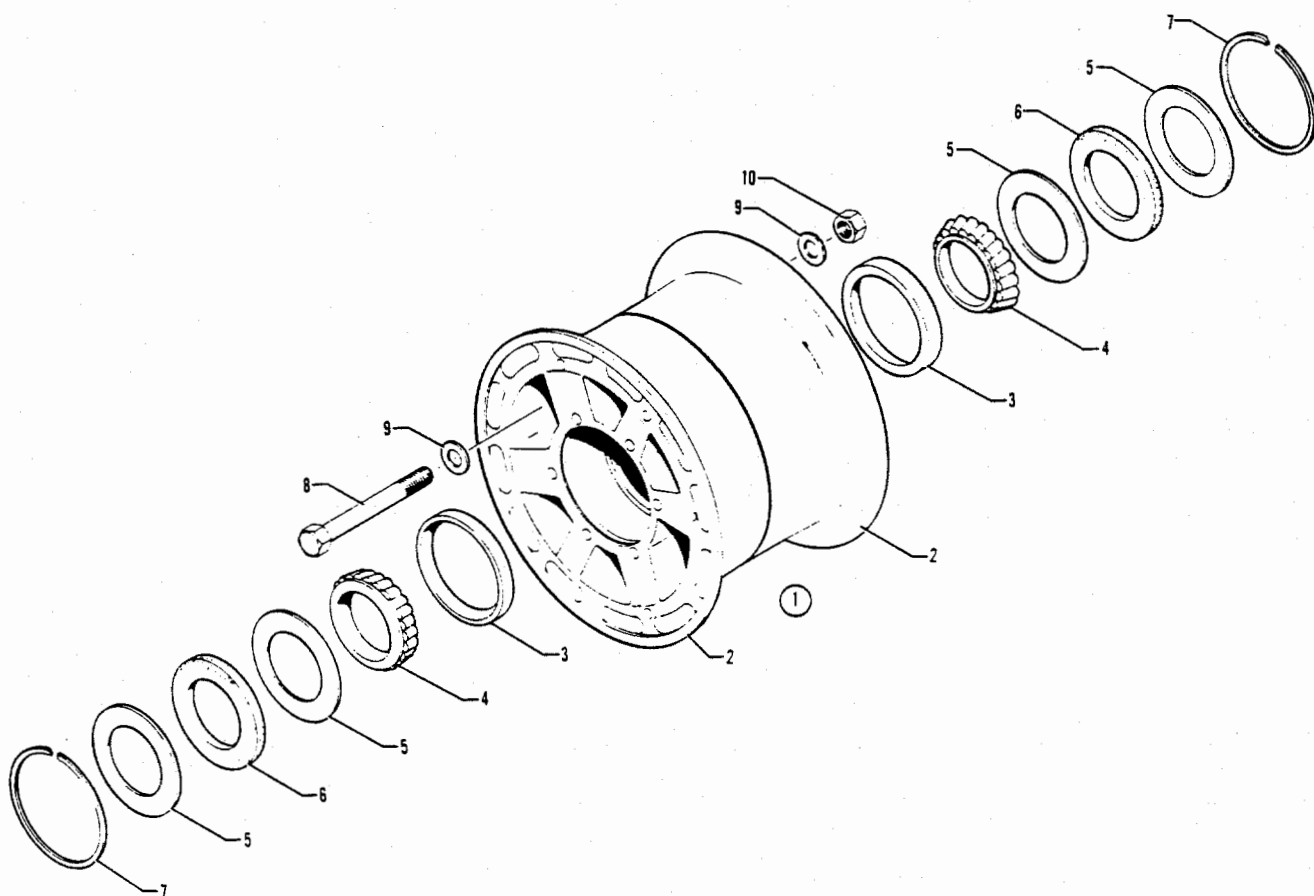


Figure 26. Nose Wheel Assembly (McCauley)

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PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 26

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
26-1	551 772		WHEEL ASSEMBLY - Nose (D-30500)	1	
-2	756 686		WHEEL - Half (C-30598)	2	
-3	763 215		CUP - Bearing (A-30078-1)	1	
-4	758 391		BEARING - Cone (A-30078-2)	2	
-5	762 560		RETAINER - (A-30048)	4	
-6	754 856		FELT - (A-30047)	2	
-7	762 561		RING - Retaining (A-1636-23)	2	
-8	758 393		BOLT - (A-2513-73)	3	
-9	756 685		WASHER - (A-1638-1)	6	
-10	752 571		NUT - (A-1639-1)	3	

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



PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 27

A - See Figure 28 for component parts.

W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
27-	95912		DRAWING - Main Landing Gear Installation		
-1	96766-16	A	GEAR ASSEMBLY - Main, left (less tire, tube, wheel and brake assembly)	1	
	96766-17	A	GEAR ASSEMBLY - Main, right (less tire, tube, wheel and brake assembly)	1	
-2	67040-14		FITTING ASSEMBLY - Forward trunnion, left	1	
	67040-15		FITTING ASSEMBLY - Forward trunnion, right	1	
-3	460 691	W	* FITTING - Lubricator (AN944-101)	1	
-4	484 719		* RING - Retainer (5008-175)	2	
-5	452 575		* BEARING - Spherical (PS10020-10-2)	1	
-6	62833-44		* SPACER	AR	
-7	67042-13		FITTING ASSEMBLY - Aft trunnion	2	
-8	460 691	W	* FITTING - Lubricator (AN944-101), straight	1	
-9	484 719		* RING - Retainer (5008-175)	2	
-10	452 575		* BEARING - Spherical (PS10020-10-2)	1	
-11	62833-44		* SPACER	AR	
-12	67025-05		TRUSS ASSEMBLY - Main gear, left	1	
	67025-06		TRUSS ASSEMBLY - Main gear, right	1	
-13	63900-88		* BUSHING - Main gear truss assembly	1	
-14	63900-130		* BUSHING - Main gear truss assembly	2	
-15	67025-02		* LINK ASSEMBLY - Main gear truss assembly	1	
-16	63900-89		* * BUSHING - Main gear truss assembly	2	
-17	14843-16	W	* * BUSHING - Main gear truss assembly	4	
-18	452 368		* BEARING - Main gear truss assembly (PS10020-2-2RG)	1	
-19	67797-04		* LINK ASSEMBLY - Main gear truss assembly, left	1	
	67797-05		* LINK ASSEMBLY - Main gear truss assembly, right	1	
-20	65003-44		* * BUSHING - Main gear truss assembly	2	
-21	460 860	W	* * FITTING - Lubricator (MS15001-2)	2	
-22	67031-02		* FITTING - Gear retraction, left	1	
	67031-03		* FITTING - Gear retraction, right	1	
-23	67024-00		* PLATE - Left gear, front; and right gear, rear	1	
	67024-01		* PLATE - Left gear, rear; and right gear, front	1	
-24	67028-00		* HOOK - Main gear truss assembly	2	
-25	461 131		* FORK - (NAS645-16RS)	1	
-26	554 979	W	* CLIP - Turnbuckle (MS21256-1)	1	
-27	452 009	W	* BARREL - Turnbuckle (NAS649B-16S)	1	
-28	459 957		* EYE - Turnbuckle (NAS648-16LS)	1	
-29	14175-103	W	* BUSHING - Main gear truss assembly	2	
-30	402 927		* BOLT - (NAS464-6-16)	1	
	407 587	W	* WASHER - (AN960-616L)	1	
	404 395	W	* NUT - (AN320-6)	1	
	424 059	W	* COTTER PIN - (MS24665-283)	1	
-31	400 880		* BOLT - (AN23-28)	1	
	407 584	W	* WASHER - (AN960-10L)	1	
	404 100	W	* NUT - (AN310-3)	1	
	424 051	W	* COTTER PIN - (MS24665-132)	1	
-32	404 326		* NUT - Check (AN316-8R)	1	
-33	424 181	W	* PIN - Flat head (MS20392-2C25)	1	
	407 584	W	* WASHER - (AN960-10L)	3	
	424 051	W	* COTTER PIN - (MS24665-132)	1	
-34	400 711	W	* BOLT - (AN24-26)	1	
	407 565	W	* WASHER - (AN960-416)	1	
	404 393	W	* NUT - (AN320-4)	1	
	424 051	W	* COTTER PIN - (MS24665-132)	1	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
27-34a	400 880		* BOLT - (AN23-28)	1	
	407 564	W	* WASHER - (AN960-10)	2	
	407 584	W	* WASHER - (AN960-10L)	1	
	404 100	W	* NUT - (AN310-3)	1	
	424 051	W	* COTTER PIN - (MS24665-132)	1	
-35	95643-06		BRACKET ASSEMBLY - Main gear truss, left	1	
	95643-07		BRACKET ASSEMBLY - Main gear truss, right	1	
-36	460 691	W	* FITTING - Lubricator, straight (AN944-101)	1	
	460 801	W	* FITTING - Lubricator, 90° (MS15001-4)	1	
-37	67502-00		RETAINER ASSEMBLY - Main gear	2	
-38	67202-00		SWIVEL ASSEMBLY - Side brace spring attachment	2	
-39	21822-00	W	BUSHING - Tapered, truss assembly	4	
-40	63900-85		BUSHING - Spring attachment	2	
-41	67203-00		SPRING - Main gear downlock	2	
-42	96860-00		CYLINDER ASSEMBLY - Hydraulic	2	
-43	484 706	W	* "O" RING - (AN6227-11)	2	
-44	484 748		* "O" RING - (AN6227-8)	1	
-45	755 997		* RETAINER - Main gear cylinder (SFD1400-1)	1	
-46	756 053		* RING - Back-up (MS28782-8)	1	
-47	67198-00		WASHER - Main gear	2	
-48	95061-64		BUSHING	2	
-49	67071-00		BRACKET - Main gear cylinder, left	1	
	67071-01		BRACKET - Main gear cylinder, right	1	
-50	452 334		BEARING - (PS10020-1-6RX)	2	
-51	401 188	W	BOLT - (AN5-10A)	8	
	407 566	W	WASHER - (AN960-516)	16	
	404 889	W	NUT - (MS20365-524C)	8	
-52	401 189	W	BOLT - (AN5-11A)	8	
	407 566	W	WASHER - (AN960-516)	16	
-53	402 960		BOLT - (NAS464P8A-44)	2	
	407 569	W	WASHER - (AN960-816)	2	
	404 832	W	NUT - (MS20364-820C)	2	
-54	400 451	W	BOLT - (AN3-20A)	2	
	407 564	W	WASHER - (AN960-10)	2	
	404 887	W	NUT - (MS20365-1032C)	2	
-55	404 225	W	NUT - (AN315-4R)	2	
-56	400 761	W	BOLT - (AN26-25)	2	
	407 567	W	WASHER - (AN960-616)	2	
	404 395	W	NUT - (AN320-6)	2	
	424 059	W	COTTER PIN - (MS24665-283)	2	
-57	424 187	W	PIN - (MS20392-2C37)	2	
	407 564	W	WASHER - (AN960-10)	2	
	424 052	W	COTTER PIN - (MS24665-134)	2	
-58	401 335		BOLT - (AN4-40A)	2	
-59	400 012		BOLT - (AN4-17A)	2	
	62833-124		WASHER	2	
-60	406 660	W	NUT - Barrel (1452-048)	4	

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

PIPER PARTS CATALOG

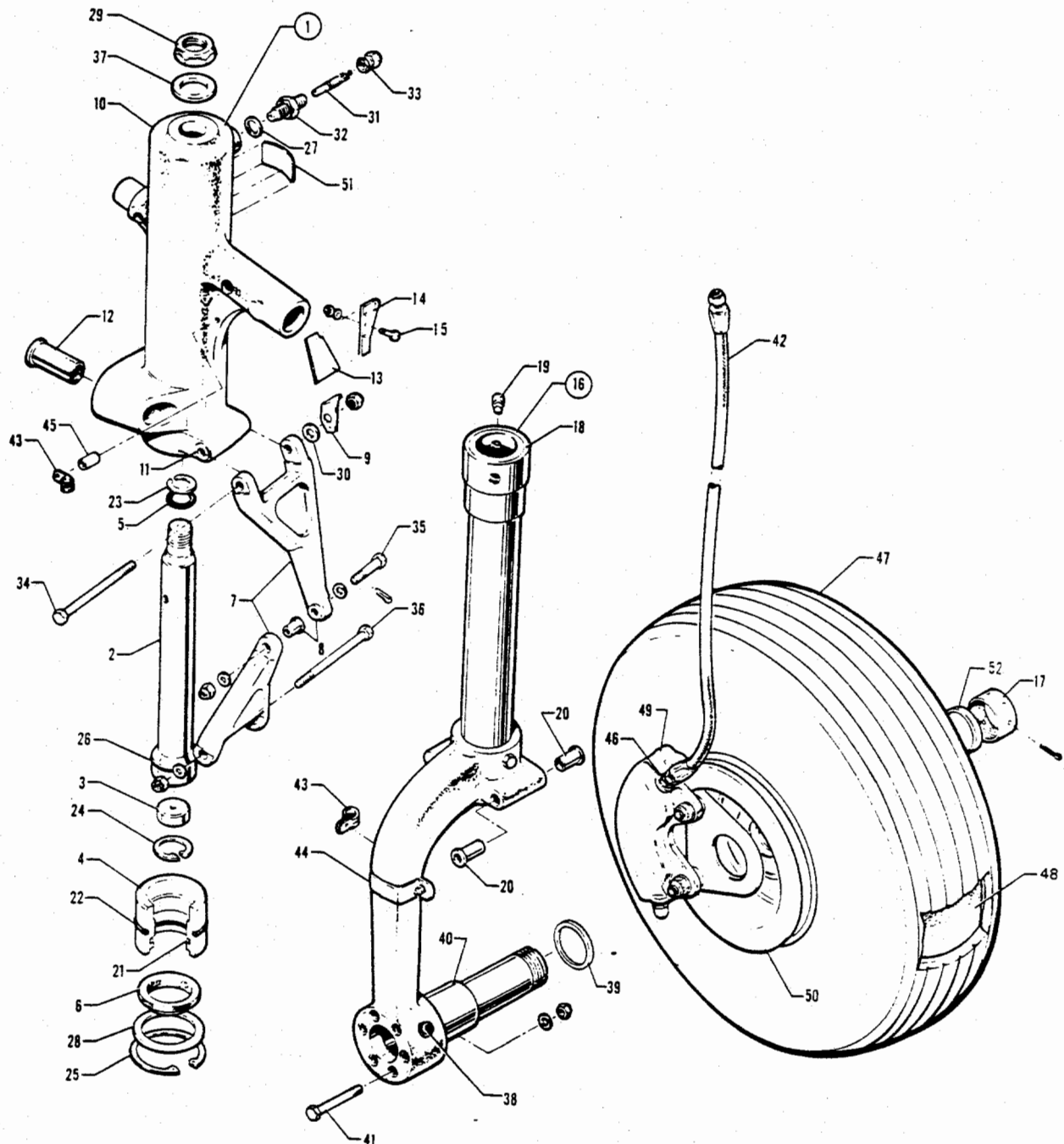


Figure 28. Main Gear Assembly

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 28

- A - See Figure 30 for component parts.
- B - See Figure 29 for component parts.
- C - Used if heavy duty wheels, brakes and tires are installed.
- D - Used if heavy duty wheels, brakes and tires are not installed.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
28-	95912		DRAWING - Main Landing Gear Installation		
-1	96766-16		GEAR ASSEMBLY - Main, left (less tire, tube, wheel and brake assembly)	1	
	96766-17		GEAR ASSEMBLY - Main, right (less tire, tube, wheel and brake assembly)	1	
-2	20754-02	W	* ORIFICE - Main landing gear	1	
-3	79800-02	W	* PLATE - Orifice	1	
-4	67755-00		* BEARING - Landing gear	1	
-5	484 790		* "O" RING - (MS28775-210)	1	
-6	187 627		* STRIP - Wiper (S-35-29, Code 10V90-117)	1	
-7	67012-00		* LINK ASSEMBLY - Landing gear torque	2	
-8	751 369	W	* * BUSHING - Landing gear strut	1	
-9	67023-00		* BRACKET - Squat switch actuator, left	1	
-10	67926-12		* TRUNNION ASSEMBLY - Main gear, left	1	
	67926-13		* TRUNNION ASSEMBLY - Main gear, right	1	
-11	67026-07		* * BEARING - Main gear trunnion	2	
-12	67026-05		* * BUSHING - Main gear trunnion	1	
-13	37732-00		* * BRACKET - Gear switch, left	1	
-14	67753-00		* * PLATE - Spring attachment	1	
-15	401 266	W	* * BOLT - (AN3-5A)	2	
	407 584	W	* * WASHER - (AN960-10L)	2	
	404 887	W	* * NUT - (MS20365-1032C)	2	
-16	67037-06		* STRUT ASSEMBLY - Main gear	1	
-17	66820-00		* * NUT - Main gear axle assembly	1	
-18	67036-00		* * BEARING - Main strut, upper	1	
-19	20784-00	W	* * PIN - Main strut	2	
-20	67026-07		* * BEARING - Main strut	2	
-21	484 799		* "O" RING - (MS28775-327)	1	
-22	462 034	W	* "O" RING - (AN6230-5)	1	
-23	484 714	W	* RING - Retainer (MS28782-15)	1	
-24	484 684		* RING - Snap (N5000-118MD)	1	
-25	484 685		* RING - Snap (N5000-250MD)	1	
-26	484 828		* RING - Compression (R19047)	1	
-27	462 024	W	* GASKET - Air valve (AN901-5A)	1	
-28	80122-88	W	* WASHER - Main gear	1	
-29	404 843	W	* NUT - (MS20364-1216C)	1	
-30	494 114		* WASHER - (96312) Left	1	
-31	455 124	W	* CORE - Air valve (AN809-1)	1	
-32	453 124	W	* BODY - Air valve (AN812-1)	1	
-33	454 053	W	* CAP - Air valve (AN813-1B)	1	
-34	402 345	W	* BOLT - (AN175-33) Left	1	
	402 344	W	* BOLT - (AN175-32) Right	1	
	407 566	W	* WASHER - (AN960-416) Right	1	
	404 102	W	* NUT - (AN310-5)	1	
	424 051	W	* COTTER PIN - (MS20365-132)	1	
-35	402 312		* BOLT - (AN174-14)	1	
	407 565	W	* WASHER - (AN960-416)	2	
	404 101	W	* NUT - (AN310-4)	1	
	424 050	W	* COTTER PIN - (AN380-2-1)	1	
-36	402 344	W	* BOLT - (AN175-32)	1	
	407 586	W	* WASHER - (AN960-516L)	1	
	404 102	W	* NUT - (AN310-5)	1	
	424 052	W	* COTTER PIN - (AN380-2-3)	1	
-37	80122-89	W	* WASHER - Main gear	1	
-38	401 329	W	* BOLT - (AN4-31A)	1	
	407 585	W	* WASHER - (AN960-416L)	1	
	404 836	W	* NUT - (MS20364-428C)	1	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
28-39	63484-00		BUSHING - Main gear	2	
-40	63900-103		BUSHING - Main gear	2	
-41	401 320		BOLT - (AN4-C20A)	12	
	407 675	W	WASHER - (AN960-C416)	12	
	404 888	W	NUT - (MS20365-428C)	12	
-42	63901-17		HOSE ASSEMBLY - Brake line	2	
-43	554 734		CLAMP - (PS10017-14-9)	4	
-44	67277-00	W	CLAMP	2	
-45	63900-11		BUSHING - Main gear	2	
-46	476 648	W	NIPPLE - (AN816-4D)	2	
-47	451 731		TIRE - (6.00 x 6, 8 ply) McCreary	2	
	761 996	W	TIRE - (6.00 x 6, 8 ply) McCreary Airhawk (heavy duty)	2	
	761 975	W	TIRE - (6.00 x 6, 8 ply) B.F. Goodrich (heavy duty)	2	
-48	451 735	W	TUBE - (6.00 x 6)	2	
-49	551 706	A	BRAKE ASSEMBLY - (30-65)	2	
	551 725	A,C	BRAKE ASSEMBLY - (30-83A) (Heavy duty)	2	
-50	551 765	B	WHEEL ASSEMBLY - Main (40-90A)	2	
	551 770	B,C	WHEEL ASSEMBLY - Main (40-120C) (Heavy duty)	2	
-51	69669-88	D	PLACARD - Oleo service instructions	2	
	69669-35	C	PLACARD - Oleo service instructions	2	
-52	63900-115		BUSHING - Main gear axle	2	

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

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PIPER PARTS CATALOG

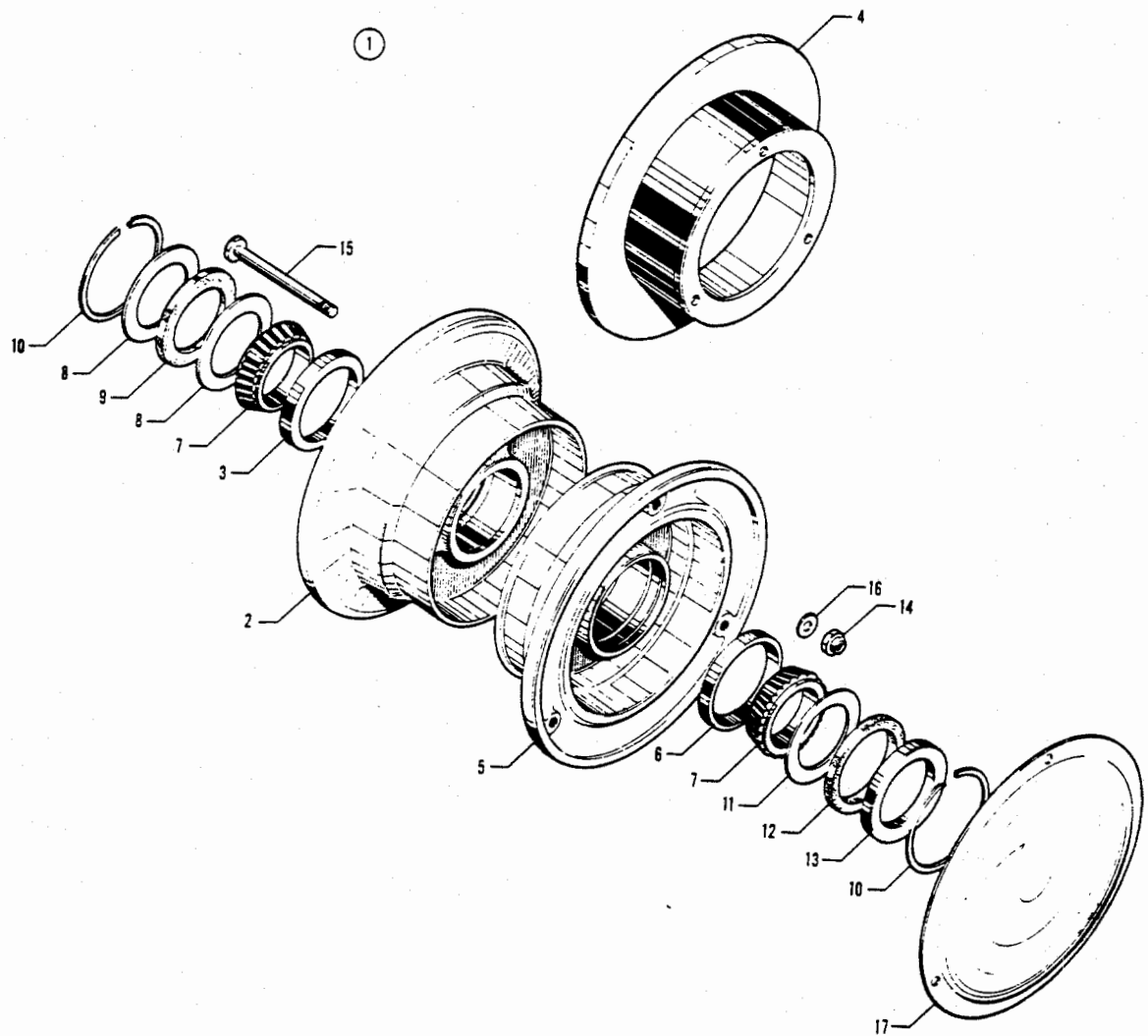


Figure 29 Main Wheel Assembly

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 29

A - Used on Wheel Assembly 40-90A only.

B - Used on Wheel Assembly 40-120C only.

W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
29-1	551 765		WHEEL ASSEMBLY - Main (Cleveland 40-90A)	2	
	551 770		WHEEL ASSEMBLY - Main (Cleveland 40-120C) (heavy duty)	2	
-2	756 666	A	* WHEEL - Half, inner (161-47)	1	
	763 751	B	* WHEEL - Half, inner (161-93B)	1	
-3	751 494	W	* * CUP - Bearing (13836)	1	
-4	754 643	A	* DISC ASSEMBLY - Brake (164-23)	1	
	754 614	B	* DISC ASSEMBLY - Brake (164-46)	1	
-5	756 665	A	* WHEEL - Half, outer (162-45)	1	
	763 752	B	* WHEEL - Half, outer (162-87B)	1	
-6	751 494	W	* * CUP - Bearing (13836)	1	
-7	751 489	W	* BEARING - Cone, Timken (13889)	2	
-8	755 999	W	* RING - Grease seal (153-4)	2	
-9	751 772	W	* FELT - Grease seal (154-3)	1	
-10	752 830	W	* RING - Snap (155-1)	2	
-11	755 929	W	* RING - Grease seal (153-3)	1	
-12	751 810	W	* FELT - Grease seal (154-13)	1	
-13	755 930	W	* RING - Grease seal (153-15)	1	
-14	404 889	A.W	* NUT - Wheel bolt (AN365-524)	3	
	404 889	B.W	* NUT - Wheel bolt (AN365-524)	6	
-15	753 473	A.W	* BOLT - Wheel (AN5-36A)	3	
	401 375	B	* BOLT - Wheel (AN5-35A)	6	
-16	407 566	A.W	* WASHER - Wheel bolt (AN960-516)	9	
	407 566	B.W	* WASHER - Wheel bolt (AN960-516)	12	
-17	753 923		CAP - Hub (157-9) (451 783)	2	

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

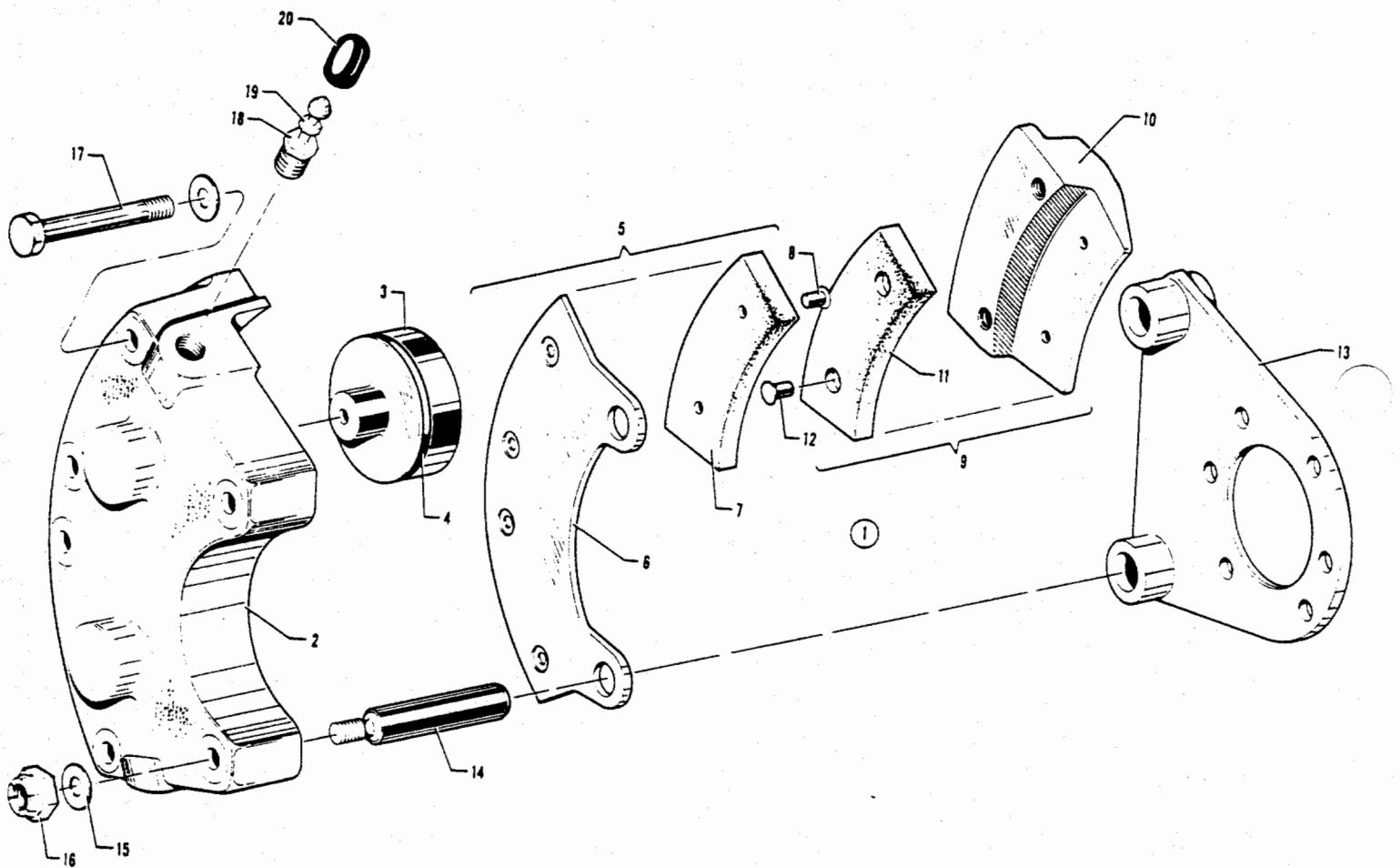


Figure 30. Brake Assembly

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PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 30

- A - Used on Brake Assembly 30-83A only.
- B - Used on Brake Assembly 30-65 only.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
30-1	551 706		BRAKE ASSEMBLY - (30-65)	2	
	551 725		BRAKE ASSEMBLY - (30-83A) (heavy duty)	2	
-2	753 936	B	* CYLINDER - Brake (61-18)	1	
	758 093	A	* CYLINDER - Brake (61-25)	1	
-3	755 887	B	* PISTON - (62-15)	2	
	757 483	A	* PISTON ASSEMBLY - (92-18)	2	
-4	484 698	B.W	* "O" RING - (AN6227-27)	2	
-5	757 207	B	* PLATE ASSEMBLY - Pressure (73-10)	1	
	757 485	A	* PLATE ASSEMBLY - Pressure (73-16)	1	
-6	757 208	B	* * PLATE - Pressure (63-11)	1	
-7	752 342	B	* * LINING - Pressure plate (66-30)	2	
	761 197	A	* * LINING - Pressure plate (66-62)	2	
-8	752 826	B.W	* * RIVET - Pressure plate lining (561)	4	
-9	755 885	B	* PLATE ASSEMBLY - Back (74-10)	2	
	757 484	A	* PLATE ASSEMBLY - Back (74-30)	2	
-10	755 886	B	* * PLATE - Back (64-15)	2	
-11	752 342	B	* * LINING - Back plate (66-30)	2	
	761 197	A	* * LINING - Back plate (66-62)	2	
-12	752 826	B.W	* * RIVET - Back plate lining (561)	4	
-13	451 786		* TORQUE PLATE ASSEMBLY - (75-39)	1	
-14	753 407	W	* BOLT - Anchor (69-4)	2	
-15	407 585	W	* WASHER - (AN960-416L)	6	
-16	404 888	W	* NUT - (AN365-328)	2	
-17	753 430		* BOLT - (LP4-20AM)	4	
-18	752 966	W	* SEAT - Bleeder (37-206)	1	
-19	752 965	W	* SCREW - Bleeder (FC-6446)	1	
-20	753 850	W	* CAP - Bleeder (183-1)	1	

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

--- **PIPER PARTS CATALOG** ---

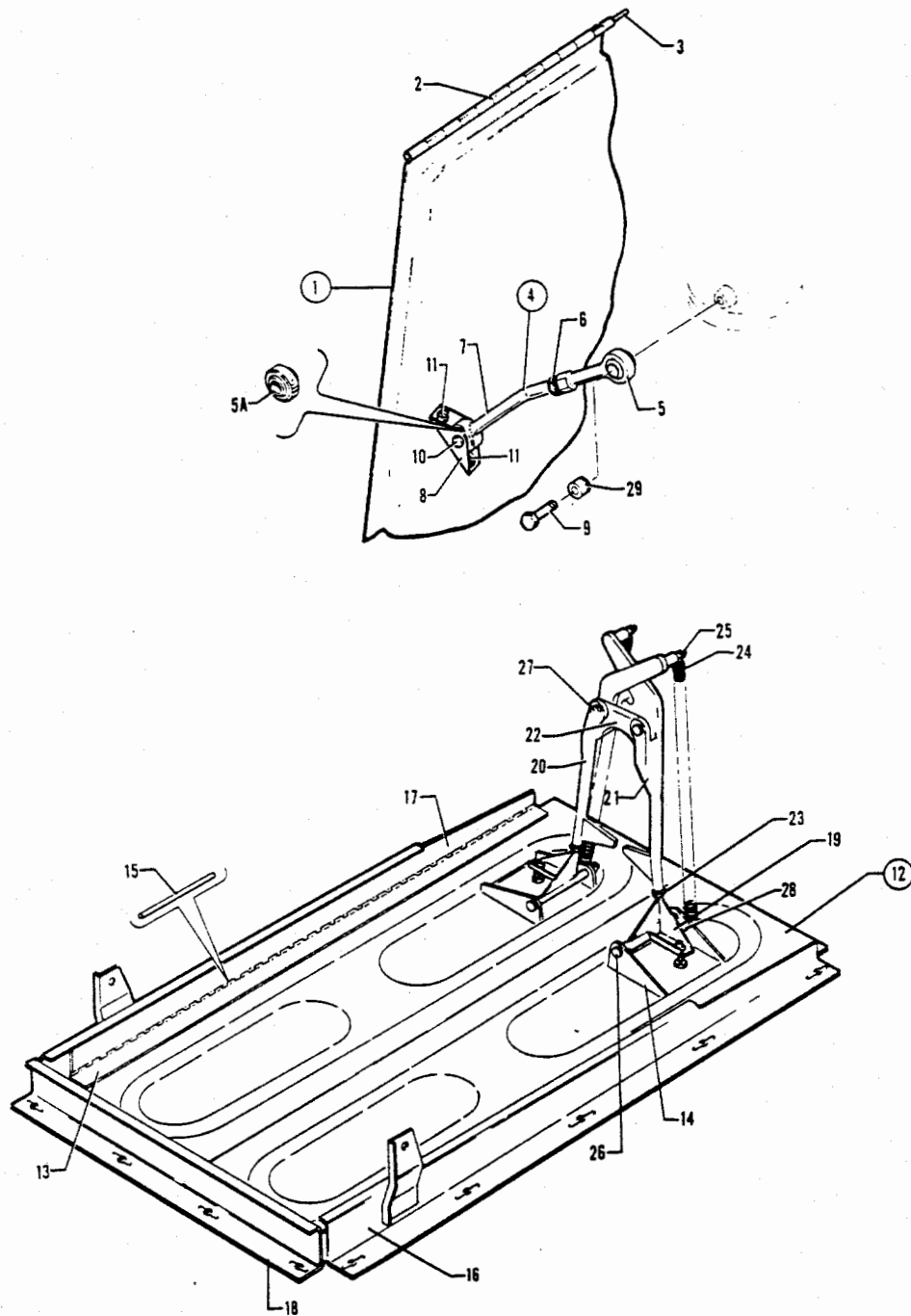


Figure 31. Landing Gear Door Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 31

W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
31-	38069 95912		DRAWING - Nose Gear Door Installation DRAWING - Main Gear Installation		
-1	67090-10 67090-11		DOOR ASSEMBLY - Main gear, left DOOR ASSEMBLY - Main gear, right	1 1	
-2	67093-04 67093-05		* HINGE HALF - Main gear door, left * HINGE HALF - Main gear door, right	1 1	
-3	63744-11		PIN - Hinge, main gear door	2	
-4	37722-02		ROD ASSEMBLY - Main gear door	2	
-5	452 335	W	* BEARING - Rod end (PS10020-2-1RX)	1	
-5a	452 584	W	* BEARING - (PS10020-7-3)	1	
-6	404 321	W	* NUT - (AN316-C4R)	1	
-7	37722-03		* ROD ASSEMBLY	1	
-8	67091-00		BRACKET - Main gear door	2	
-9	401 260 401 257 407 674 407 682	 W W	BOLT - (AN3CH-7A) BOLT - (AN3CH-10A) WASHER - (AN960-C10) WASHER - (AN960-C10L)	2 2 2 4	32R-7885001 to 32R-7885013 incl 32R-7885014 and up 32R-7885014 and up 32R-7885014 and up
-10	400 867 407 674 404 887	W W W	BOLT - (AN23-15A) WASHER - (AN960-C10) NUT - (MS20365-1032C)	2 4 2	
-11	411 536 407 564 404 887	W W W	SCREW - (MS35207-267) WASHER - (AN960-10) NUT - (MS20365-1032C)	4 4 4	
-12	38070-00 38070-01		DOOR ASSEMBLY - Nose gear, left DOOR ASSEMBLY - Nose gear, right	1 1	
-13	38070-04		* HINGE HALF - Nose gear door	1	
-14	38075-00		* CHANNEL - Nose gear door	1	
-15	189 310		PIN - Hinge gear door (21" length)	2	
-16	38076-00 38076-01		SUPPORT ASSEMBLY - Nose gear door, left SUPPORT ASSEMBLY - Nose gear door, right	1 1	
-17	38076-04 38076-05		* HINGE HALF - Nose gear door, left * HINGE HALF - Nose gear door, right	1 1	
-18	38074-00		CHANNEL ASSEMBLY - Lower cowl support	1	
-19	38071-00 38071-01		LINK ASSEMBLY - Left nose gear door LINK ASSEMBLY - Right nose gear door	1 1	
-20	38108-00		ARM - Right nose gear door	1	
-21	38109-00		ARM - Left nose gear door	1	
-22	38082-00		STRIKER - Nose gear door	1	
-23	404 323		NUT - (AN316-5R)	2	
-24	587 396		SPRING - (PS10087-1-1)	2	
-25	407 585 424 000	W	WASHER - (AN960-416L) COTTER PIN - (MS9245-27)	2 2	
-26	401 280 38071-08 407 564 404 887	 W W	BOLT - (AN3-26A) BUSHING WASHER - (AN960-10) NUT - (MS20365-1032C)	2 2 2 2	
-27	400 871 63900-168 407 584 407 586 405 350	 W W W	BOLT - (AN23-19A) BUSHING WASHER - (AN960-10L) WASHER - (AN960-516L) NUT - (MS21083-N4)	2 2 4 2 2	
-28	411 533 407 564 95061-20 404 887	W W W	SCREW - (MS35207-264) WASHER - (AN960-10) BUSHING NUT - (MS20365-1032C)	2 4 2 2	
-29	63900-147		BUSHING	2	32R-7885014 and up

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

PIPER PARTS CATALOG

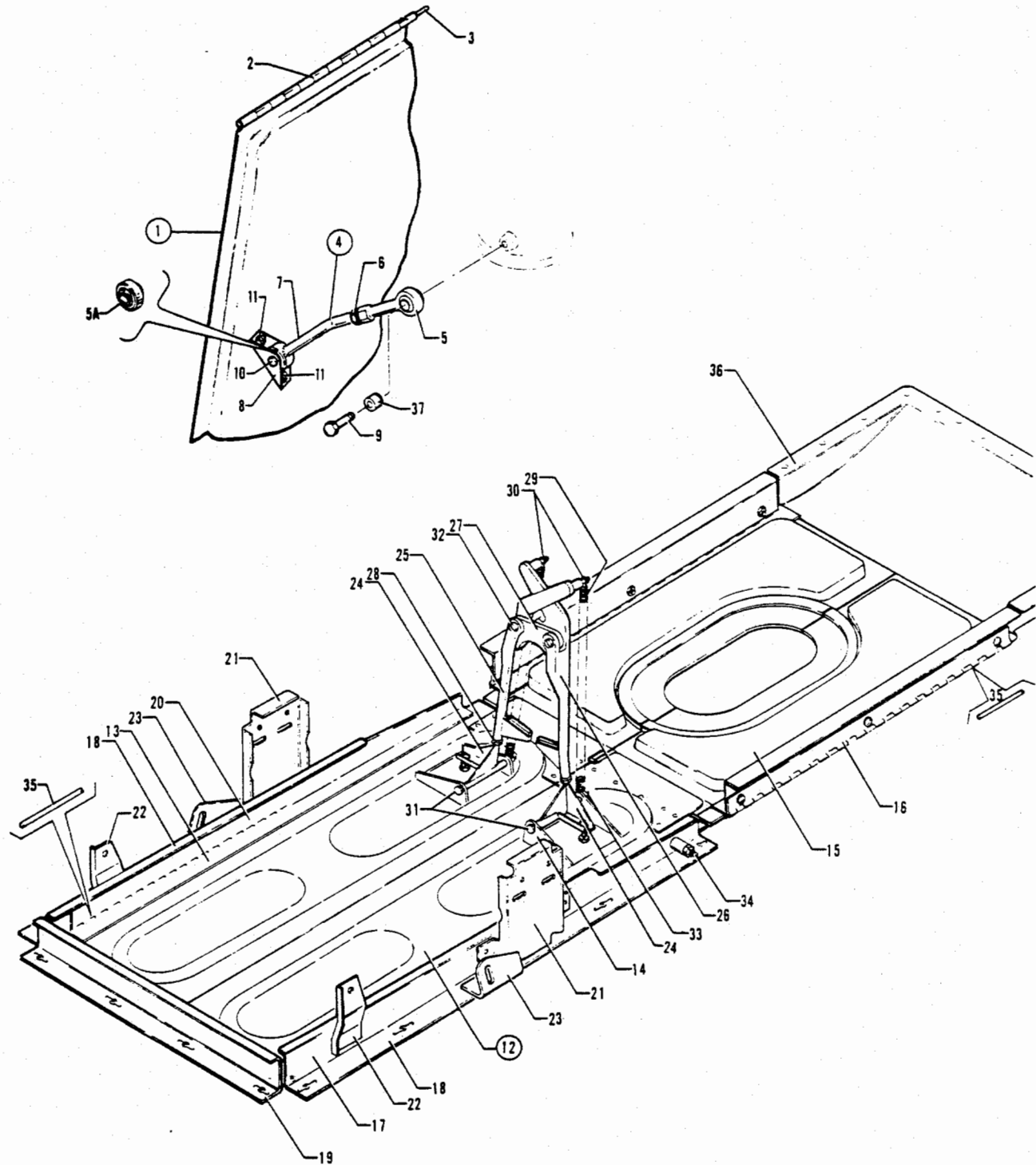


Figure 31A. Landing Gear Door Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 31A

W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
31A-	95912		DRAWING - Main Gear Installation		
	98510		DRAWING - Nose Gear Door Installation		
-1	67090-10		DOOR ASSEMBLY - Main gear, left	1	
	67090-11		DOOR ASSEMBLY - Main gear, right	1	
-2	67093-04		* HINGE HALF - Main gear door, left	1	
	67093-05		* HINGE HALF - Main gear door, right	1	
-3	63744-11		PIN - Hinge, main gear door	2	
-4	37722-02		ROD ASSEMBLY - Main gear door	2	
-5	452 335	W	* BEARING - Rod end (PS10020-2-1RX)	1	
-5a	452 584	W	* BEARING - (PS10020-7-3)	1	
-6	404 321	W	* NUT - (AN316-C4R)	1	
-7	37722-03		* ROD ASSEMBLY	1	
-8	67091-00		BRACKET - Main gear door	2	
-9	401 260		BOLT - (AN3CH-7A)	2	32R-7887001, 32R-7887002
	401 257		BOLT - (AN3CH-10A)	2	32R-7887003 and up
	407 674	W	WASHER - (AN960-C10)	2	32R-7887003 and up
	407 682	W	WASHER - (AN960-C10L)	4	32R-7887003 and up
-10	400 867	W	BOLT - (AN23-15A)	2	
	407 674	W	WASHER - (AN960-C10)	4	
	404 887	W	NUT - (MS20365-1032C)	2	
-11	411 536	W	SCREW - (MS35207-267)	4	
	407 564	W	WASHER - (AN960-10)	4	
	404 887	W	NUT - (MS20365-1032C)	4	
-12	98509-02		DOOR ASSEMBLY - Nose gear, forward, left	1	
	98509-03		DOOR ASSEMBLY - Nose gear, forward, right	1	
-13	38070-04		* HINGE HALF - Nose gear door, forward	1	
-14	38075-00		* CHANNEL - Nose gear door	1	
-15	98506-02		DOOR ASSEMBLY - Nose gear, aft, left	1	
	98506-03		DOOR ASSEMBLY - Nose gear, aft, right	1	
-16	98506-10		* HINGE HALF - Nose gear door, aft, left	1	
	98506-11		* HINGE HALF - Nose gear door, aft, right	1	
-17	98632-02		FRAME ASSEMBLY - Nose gear door	1	
-18	98632-03		* ANGLE - Nose gear door, left	1	
	98632-04		* ANGLE - Nose gear door, right	1	
-19	98632-05		* CHANNEL - Nose gear door, forward	1	
-20	98632-06		* HINGE HALF - Nose gear door, forward, left	1	
	98632-07		* HINGE HALF - Nose gear door, forward, right	1	
-21	98537-02		* BRACKET - Cowl flap cable support	2	
-22	98542-02		* BRACKET - Nose gear door, left	1	
	98542-03		* BRACKET - Nose gear door, right	1	
-23	98543-02		* BRACKET ASSEMBLY - Cowl flap hinge, left	1	
	98543-03		* BRACKET ASSEMBLY - Cowl flap hinge, right	1	
-24	38071-00		LINK ASSEMBLY - Left nose gear door	1	
	38071-01		LINK ASSEMBLY - Right nose gear door	1	
-25	38108-00		ARM - Right nose gear door	1	
-26	38109-00		ARM - Left nose gear door	1	
-27	38082-00		STRIKER - Nose gear door	1	
-28	404 323		NUT - Check (AN316-5R)	2	
-29	587 396		SPRING - (PS10087-1-1)	2	
-30	407 585	W	WASHER - (AN960-416L)	2	
	424 000		COTTER PIN - (MS9245-27)	2	
-31	401 282		BOLT - (AN3-27A)	2	
	38071-08		BUSHING	2	
	407 564	W	WASHER - (AN960-10)	2	
	407 585	W	WASHER - (AN960-416L)	2	
	404 887	W	NUT - (MS20365-1032C)	2	

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

LANDING GEAR DOOR INSTALLATION

SECTION IV
Landing Gear Group

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
31A-32	400 871		BOLT - (AN23-19A)	2	
	63900-168		BUSHING	2	
	407 584	W	WASHER - (AN960-10L)	4	
	407 586	W	WASHER - (AN960-516L)	2	
	405 350		NUT - (MS21083-N4)	2	
-33	411 533		SCREW - (MS35207-264)	2	
	95061-20		BUSHING	2	
	407 564	W	WASHER - (AN960-10)	2	
	404 887	W	NUT - (MS20365-1032C)	2	
-34	400 443	W	BOLT - (AN3-12A)	2	
	407 564	W	WASHER - (AN960-10)	2	
	404 887	W	NUT - (MS20365-1032C)	2	
-35	189 310		PIN - Hinge gear door (20.50" length)	4	
-36	98582-02		FAIRING - Nose gear door	1	
-37	63900-147		BUSHING	2	32R-7887003 and up

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

PIPER PARTS CATALOG

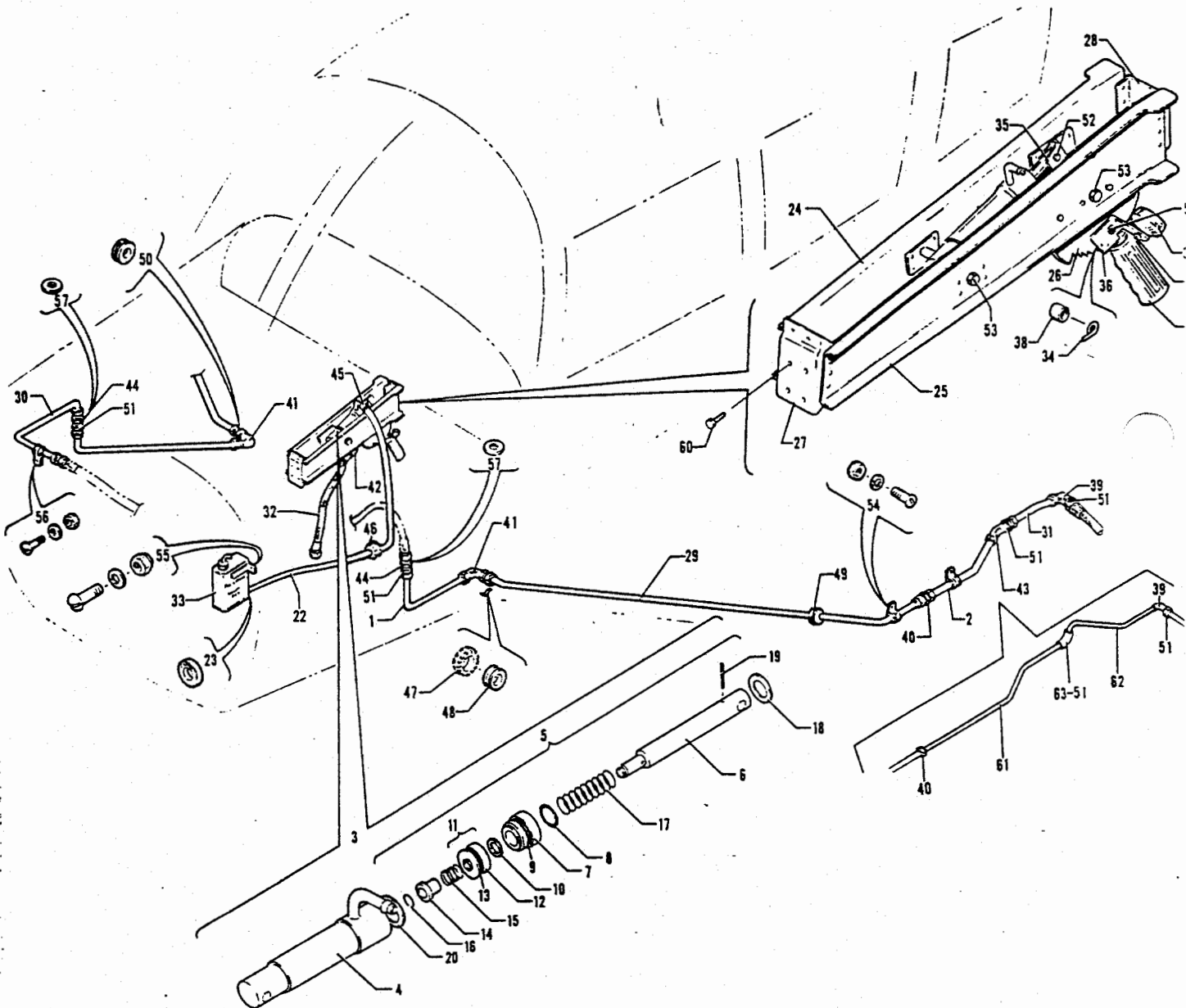


Figure 32. Hand Brake Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 32

- A - Used on PA-32RT-300 only.
- B - Used on PA-32RT-300T only.
- C - Used on PA-32RT-300 with serial numbers 32R-7885001 to 32R-7985102 inclusive, and PA-32RT-300T with serial numbers 32R-7887001 to 32R-7987124 inclusive.
- D - Used on PA-32RT-300 with serial numbers 32R-7985103 and up, and PA-32RT-300T with serial numbers 32R-7987125 and up.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
32-	69312 38012		DRAWING - Hand Brake Installation DRAWING - Brake System Installation		
-1	63324-04		LINE ASSEMBLY	2	
-2	67338-00	C	LINE ASSEMBLY	2	
-3	455 938		CYLINDER ASSEMBLY - Master (10-22)	1	
-4	753 956		HYDRAULIC CYLINDER ASSEMBLY - (189-9)	1	
-5	755 948		PISTON ROD ASSEMBLY - (182-7)	1	
-6	755 949		ROD - Piston (142-9)	1	
-7	751 889		GLAND - Packing (141-10)	1	
-8	484 701	W	PACKING - "O" Ring (AN6227-7)	1	
-9	484 727		PACKING - "O" Ring (AN6227-12)	1	
-10	753 172	W	WASHER - Dyna-seal (110-3/16)	1	
-11	757 216		PISTON ASSEMBLY - (92-19)	1	
-12	757 217		PISTON - (148-10)	1	
-13	484 706	W	PACKING - "O" Ring (AN6227-11)	1	
-14	753 381	W	BUSHING - (145-15)	1	
-15	756 117	W	SPRING - (82-8)	1	
-16	752 855	W	RING - Snap (155-5)	1	
-17	756 118	W	SPRING - (82-9)	1	
-18	407 567	W	WASHER - (AN960-616)	1	
-19	755 882		ROLL PIN - (223-1)	1	
-20	755 950		RING - Snap (155-10)	1	
-21	463 380		GRIP - Brake handle	1	
-22	63913-132	A	HOSE - Flexible	1	
	63913-167	B	HOSE - Flexible	1	
-23	63915-06	A	DISC - Firewall sealing	1	
-24	67138-00		CHANNEL ASSEMBLY - Brake support, right	1	
-25	67137-00		CHANNEL ASSEMBLY - Brake support, left	1	
-26	63354-00		RATCHET - Brake handle	1	
-27	67139-00		CHANNEL - Brake support, forward	1	
-28	67140-02		CHANNEL - Brake support, aft	1	
-29	68467-00		LINE ASSEMBLY	2	
-30	68466-00		LINE ASSEMBLY - Right	1	
-31	67549-00	C	LINE ASSEMBLY	2	
-32	63901-30		HOSE ASSEMBLY - Flexible	1	
-33	68464-00	A	RESERVOIR ASSEMBLY - Brake cylinder	1	
	38465-02	B	RESERVOIR ASSEMBLY - Brake cylinder	1	
-34	63356-00		SPRING - Brake handle	1	
-35	63357-00		HANDLE ASSEMBLY - Brake	1	
-36	67135-03		LATCH ASSEMBLY - Brake handle	1	
-37	63914-07		KNOB ASSEMBLY - Parking brake	1	
-38	63900-131		BUSHING	1	
-39	458 900	W	ELBOW - Bulkhead (AN833-4D)	2	
-40	491 050	W	UNION - (AN815-4D)	2	
-41	458 880	W	ELBOW - (AN821-4D)	2	
-42	458 894	W	ELBOW - (AN822-4D)	1	
-43	458 910	C,W	ELBOW - (AN837-4D)	2	
-44	491 060	W	UNION - (AN832-4D)	2	
-45	554 861	W	CLAMP - Hose (SAE TY F-4)	2	
-46	63976-17		GROMMET	1	
-47	63976-18		GROMMET	1	
-48	434 155	W	GROMMET - (MS35489-7S)	2	
-49	434 151		GROMMET - (MS35489-10S)	2	
-50	434 160		GROMMET - (MS35489-8S)	1	
-51	477 618	W	NUT - (AN924-4D)	6	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
32-52	424 178	W	PIN - (AN393-19)	1	
	424 051	W	PIN - Cotter (AN380-2-2)	1	
	407 584	W	WASHER - (AN960-10L)	2	
-53	400 113	W	BOLT - (AN4-20)	2	
	407 565	W	WASHER - (AN960-416)	6	
	404 101	W	NUT - (AN310-4)	2	
	424 051	W	PIN - Cotter (AN380-2-2)	2	
-54	411 532		SCREW - (MS35207-263)	4	
	407 584	W	WASHER - (AN960-10L)	4	
	404 887	W	NUT - (MS20365-1032C)	4	
-55	411 532		SCREW - (MS35207-263)	2	
	407 674	A.W	WASHER - (AN960-C10)	4	
	404 887	A.W	NUT - (MS20365-1032C)	2	
-56	416 997	W	SCREW - (AN520-1032R12)	1	
	407 124	W	WASHER - (AN935-10L)	1	
	404 224	W	NUT - (AN315-3R)	1	
-57	407 568	W	WASHER - (AN960-716)	4	
-58	400 876		BOLT - (AN23-24A)	1	
	407 564	W	WASHER - (AN960-10)	3	
	404 887	W	NUT - (MS20365-1032C)	1	
-59	416 994	W	SCREW - (AN526-1032R6)	1	
	407 124	W	WASHER - Lock (AN935-10L)	1	
-60	400 438	W	BOLT - (AN3-4A)	2	
	407 564	W	WASHER - (AN960-10)	2	
	404 887	W	NUT - (MS20365-1032C)	2	
-61	67700-323	D	LINE ASSEMBLY	2	
-62	67700-324	D	LINE ASSEMBLY - Left	1	
	67700-325	D	LINE ASSEMBLY - Right	1	
-63	458 900	D.W	ELBOW - (AN833-4D)	2	

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

PIPER PARTS CATALOG

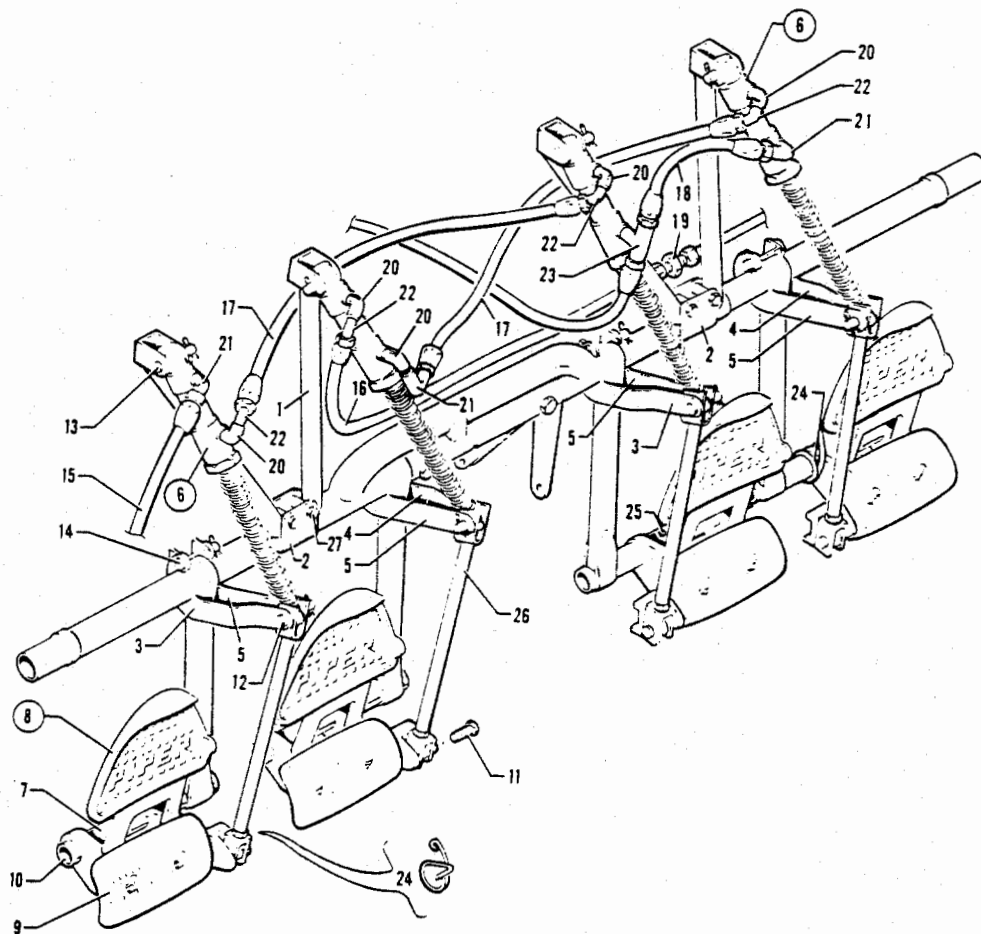


Figure 33. Toe Brake Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 33

- A - See Figure 34 for component parts.
- B - No longer available. Order Master Cylinder Assembly, P/N 455 968 (Cleveland 10-30) or 455 944 (Gar-Kenyon 17000), as a replacement.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
33-	38012 78907		DRAWING - Brake System Installation DRAWING - Control System Installation		
-1	63464-05		BRACE ASSEMBLY - Toe brake	2	
-2	63468-00		BRACKET - Toe brake	2	
-3	63469-00		ARM - Toe brake	2	
-4	63469-01		ARM - Toe brake	2	
-5	63470-00		ARM - Toe brake	4	
-6	455 948	A,B	CYLINDER ASSEMBLY - Master (10-27) Cleveland	4	
	455 968	A	CYLINDER ASSEMBLY - Master (10-30) Cleveland	4	
	455 944	A	CYLINDER ASSEMBLY - Master (17000) Gar-Kenyon	4	
-7	63478-00		SPACER - Toe pedal	4	
-8	63485-00		PEDAL ASSEMBLY - Toe brake, left inboard	1	
	63485-02		PEDAL ASSEMBLY - Toe brake, left outboard	1	
	63485-01		PEDAL ASSEMBLY - Toe brake, right inboard	1	
	63485-03		PEDAL ASSEMBLY - Toe brake, right outboard	1	
-9	62867-02		PAD ASSEMBLY - Brake pedal	1	
-10	453 714		BEARING - Brake pedal (PS10065-37)	8	
-11	424 176	W	PIN - Flat head (MS20392-2C15)	4	
	407 564	W	WASHER - (AN960-10)	4	
	424 051	W	COTTER PIN - (MS24665-132)	4	
-12	424 181	W	PIN - Flat head (MS20392-2C25)	4	
	407 564	W	WASHER - (AN960-10)	4	
	424 051	W	COTTER PIN - (MS24665-132)	4	
-13	424 184	W	PIN - Flat head (MS20392-2C31)	4	
	407 564	W	WASHER - (AN960-10)	4	
	424 051	W	COTTER PIN - (MS24665-132)	4	
-14	424 357		PIN - Flat head (MS20392-2C39)	4	
	407 564	W	WASHER - (AN960-10)	4	
	424 051	W	COTTER PIN - (MS24665-132)	4	
-15	63901-28		HOSE ASSEMBLY - Flexible	1	
-16	63901-09		HOSE ASSEMBLY - Flexible	1	
-17	63901-29		HOSE ASSEMBLY - Flexible	2	
-18	63901-30		HOSE ASSEMBLY - Flexible	1	
-19	491 050	W	UNION - (AN815-4D)	1	
-20	458 904		ELBOW - (AN914-1D)	5	
-21	458 894	W	ELBOW - (MS20822-4D)	3	
-22	458 891	W	ELBOW - (MS20823-4D)	4	
-23	488 499		TEE - (MS20825-4D)	1	
-24	63594-00		CLIP - Spring, left outboard pedal	2	
-25	400 443	W	BOLT - (AN3-12A)	4	
	407 564	W	WASHER - (AN960-10)	4	
	404 887	W	NUT - (MS20365-1032C)	4	
-26	79430-00		CLEVIS ASSEMBLY - Toe brake	4	
-27	400 437	W	BOLT - (AN3-13A)	4	
	407 564	W	WASHER - (AN960-10)	4	
	404 887	W	NUT - (MS24665-1032C)	4	

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

PIPER PARTS CATALOG

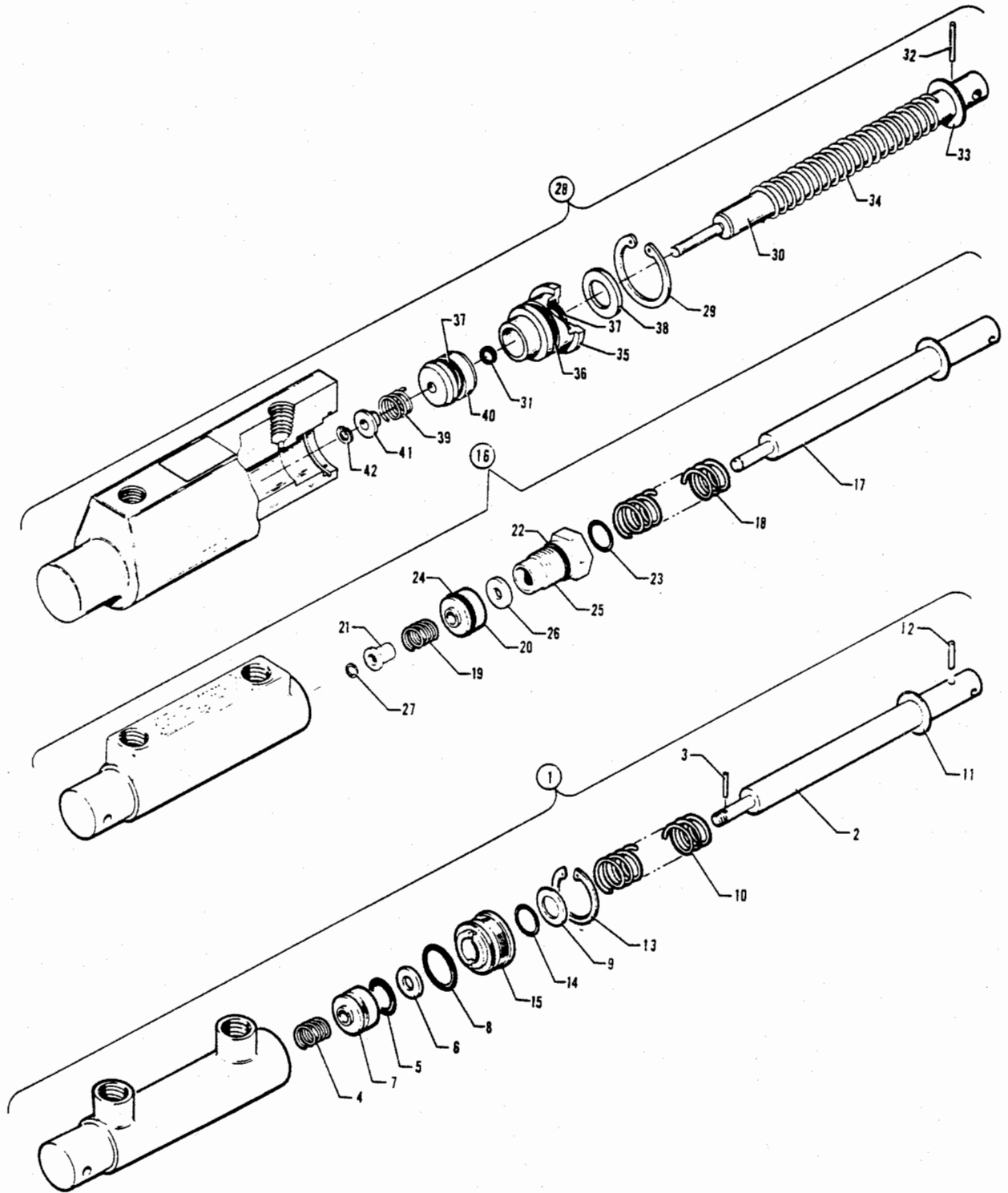


Figure 34. Toe Brake Master Cylinder Assembly

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 34

- A - No longer available. Order Master Cylinder Assembly, P/N 455 968 (Cleveland 10-30) or 455 944 (Gar-Kenyon 17000), as a replacement.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
34-1	455 948	A	CYLINDER ASSEMBLY - Master (10-27) Cleveland	4	
-2	757 316		* PISTON ROD ASSEMBLY - (182-01100)	1	
-3	757 317		* * ROLL PIN - (223-00600)	1	
-4	757 580		* * SPRING - (082-02100)	1	
-5	484 748		* * "O" RING - (AN6227-8)	1	
-6	756 620		* * WASHER - Seal (095-25200)	1	
-7	757 437		* * PISTON - (148-01200)	1	
-8	484 706	W	* "O" RING - (AN6227-11)	1	
-9	756 621		* WASHER - Wiper (095-01300)	1	
-10	756 118	W	* SPRING - (82-9)	1	
-11	756 622		* WASHER - (095-10100)	1	
-12	757 318		* ROLL PIN - (223-00500)	1	
-13	756 019		* RETAINING RING - (155-01200)	1	
-14	484 701	W	* "O" RING - (AN6227-7)	1	
-15	755 028		* GLAND - Packing (141-01200)	1	
-16	455 944		CYLINDER ASSEMBLY - Master (17000) Gar-Kenyon	4	
-17	757 480		* PISTON ROD AND RING ASSEMBLY - (95404) includes spring retaining ring	1	
-18	762 276		* SPRING - (17005)	1	
-19	762 277		* SPRING - (17006)	1	
-20	757 479		* PISTON - (17003)	1	
-21	762 275		* SLEEVE - (17007)	1	
-22	752 584		* "O" RING - (MS28775-113)	1	
-23	484 788		* "O" RING - (MS28775-012)	1	
-24	752 585		* "O" RING - (MS28775-110)	1	
-25	754 848		* FITTING - (17002)	1	
-26	494 177		* SEAL - (110-3/16)	1	
-27	762 531		* RING - Retaining (XRC-313)	1	
-28	455 968		CYLINDER ASSEMBLY - Master (10-30) Cleveland	4	
-29	762 587		* RING - Snap (155-47)	1	
-30	763 451		* PISTON ROD ASSEMBLY - (182-22)	1	
-31	762 585		* * "O" RING - (101-1)	1	
-32	757 318		* * ROLL PIN - (223-00500)	1	
-33	756 622		* * WASHER - (095-10100)	1	
-34	756 118	W	* * SPRING - (82-9)	1	
-35	755 082		* * GLAND - Packing (141-25)	1	
-36	756 018		* * "O" RING - (101-01100)	1	
-37	756 016		* * "O" RING - (101-00800)	2	
-38	756 621		* * WASHER - Wiper (095-01300)	1	
-39	757 580		* * SPRING - (082-02100)	1	
-40	763 450		* * PISTON - (148-25)	1	
-41	758 457		* * BUSHING - (145-58)	1	
-42	762 586		* * RING - Snap (T5304-15)	1	

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

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PIPER PARTS CATALOG

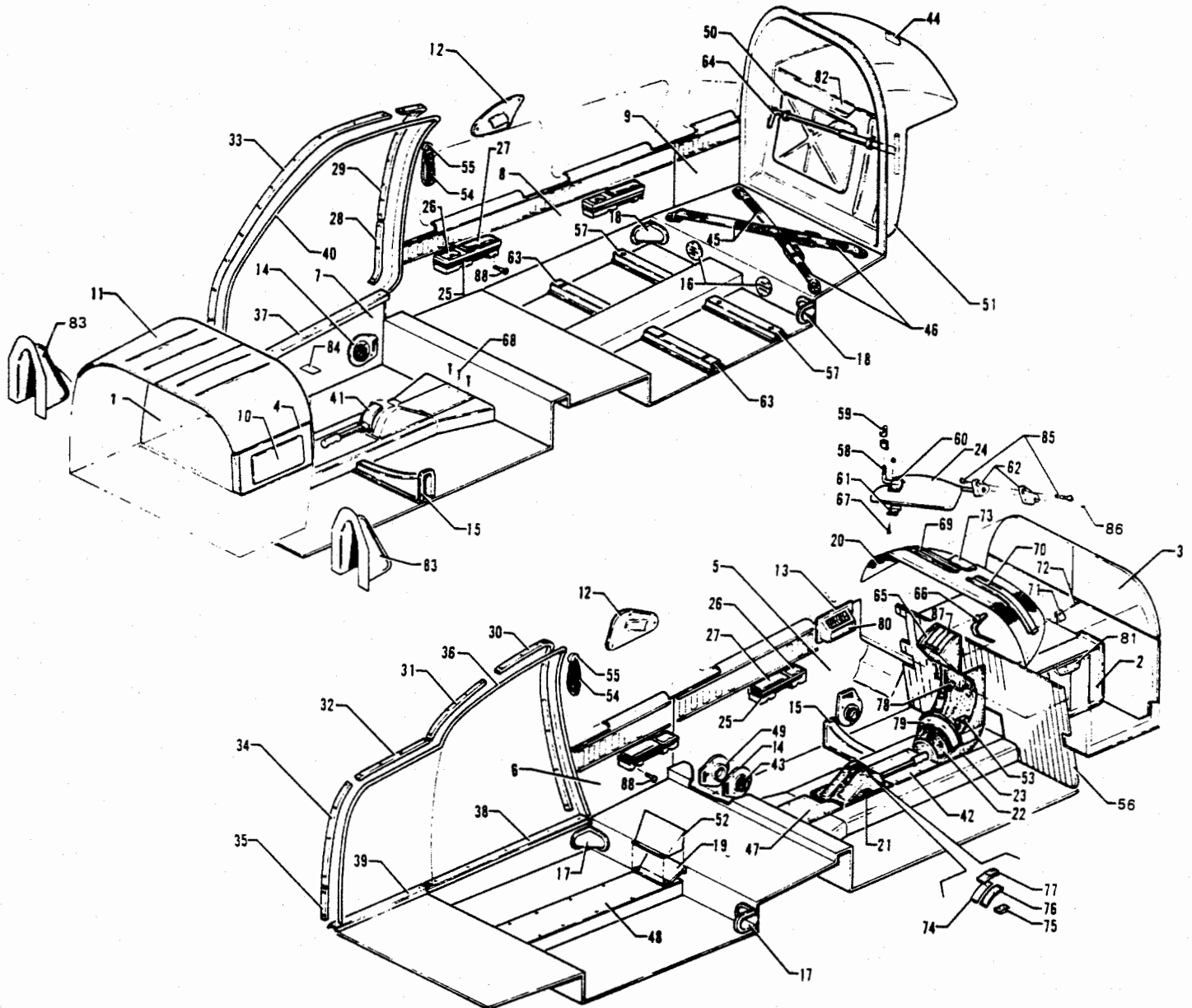


Figure 35. Cockpit Finishing Installation

REVISED: APRIL 1980

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 35

- A - When ordering, specify color "bark II" or black.
- B - When ordering, specify color camel, olivetone, black, or seal. Specify color royal blue (color code 781) for PA-32RT-300 with serial numbers 32R-7885001 to 32R-7985102 incl., and PA-32RT-300T with serial numbers 32R-7887001 to 32R-7987124 incl. Specify color dark blue (color code 795) for PA-32RT-300 with serial numbers 32R-7985103 and up, and PA-32RT-300T with serial numbers 32R-7987125 and up.
- C - Used on PA-32RT-300 only.
- D - Used on PA-32RT-300T only.
- E - See Figure 43 if aft facing center seats are installed.
- F - Used if air conditioning is installed.
- G - Used on PA-32RT-300 with serial numbers 32R-7885232 and up, and PA-32RT-300T with serial numbers 32R-7887112 and up.
- H - Used on PA-32RT-300 with serial numbers 32R-7885001 to 32R-7985125 incl., and PA-32RT-300T with serial numbers 32R-7887001 to 32R-7987120 incl., 32R-7987122 to 32R-7987146 incl.
- J - Used on PA-32RT-300 with serial numbers 32R-7885001 to 32R-7985102 inclusive, and PA-32RT-300T with serial numbers 32R-7887001 to 32R-7987124 inclusive.
- K - Used on PA-32RT-300 with serial numbers 32R-7985103 and up, and PA-32RT-300T with serial numbers 32R-7987125 and up.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
35-	69974 38165		DRAWING - Cockpit Finishing Installation DRAWING - Forward Baggage Compartment Finishing Installation		
	78081 66991		DRAWING - Interior Panel Installation DRAWING - Sun Visor Installation		
-1	580 761 579 500 579 501 579 502 579 503		PANEL - Firewall, forward baggage, camel PANEL - Firewall, forward baggage, olivetone PANEL - Firewall, forward baggage, royal blue PANEL - Firewall, forward baggage, black PANEL - Firewall, forward baggage, seal	1 1 1 1 1	
-2	38183-04	B	PANEL ASSEMBLY - Bulkhead, forward baggage	1	
-3	38186-02	A	PANEL ASSEMBLY - Battery compartment	1	
-4	38188-04	A.C	PANEL - Forward baggage compartment	1	
	38188-06	A.D	PANEL - Forward baggage compartment	1	
-5	579 401		PANEL ASSEMBLY - Left front cockpit, white/camel/black (with heather brown carpet)	1	
	579 523		PANEL ASSEMBLY - Left front cockpit, olivetone (with palm carpet)	1	
	579 524	J	PANEL ASSEMBLY - Left front cockpit, midnight blue (with royal blue carpet)	1	
	579 307	K	PANEL ASSEMBLY - Left front cockpit, dark blue (with royal blue carpet)	1	
	579 525		PANEL ASSEMBLY - Left front cockpit, raspberry/black (with raspberry carpet)	1	
	579 526		PANEL ASSEMBLY - Left front cockpit, tan/seal (with brown carpet)	1	
-6	579 403		PANEL ASSEMBLY - Left center cockpit, white/camel/black	1	
	579 531		PANEL ASSEMBLY - Left center cockpit, olivetone	1	
	579 532	J	PANEL ASSEMBLY - Left center cockpit, midnight blue	1	
	579 309	K	PANEL ASSEMBLY - Left center cockpit, dark blue	1	
	579 533		PANEL ASSEMBLY - Left center cockpit, raspberry/black	1	
	579 534		PANEL ASSEMBLY - Left center cockpit, tan/seal	1	
-7	579 405		PANEL ASSEMBLY - Right front cockpit, white/camel/black (with heather brown carpet)	1	
	579 539		PANEL ASSEMBLY - Right front cockpit, olivetone (with palm carpet)	1	
	579 540	J	PANEL ASSEMBLY - Right front cockpit, midnight blue (with royal blue carpet)	1	
	579 311	K	PANEL ASSEMBLY - Right front cockpit, dark blue (with royal blue carpet)	1	
	579 541		PANEL ASSEMBLY - Right front cockpit, raspberry/black (with raspberry carpet)	1	
	579 542		PANEL ASSEMBLY - Right front cockpit, tan/seal (with brown carpet)	1	
-8	579 407		PANEL ASSEMBLY - Right center cockpit, white/camel/black	1	
	579 547		PANEL ASSEMBLY - Right center cockpit, olivetone	1	
	579 548	J	PANEL ASSEMBLY - Right center cockpit, midnight blue	1	
	579 313	K	PANEL ASSEMBLY - Right center cockpit, dark blue	1	
	579 549		PANEL ASSEMBLY - Right center cockpit, raspberry/black	1	
	579 550		PANEL ASSEMBLY - Right center cockpit, tan/seal	1	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
35-9	579 408		PANEL ASSEMBLY - Right rear cockpit, white/camel/black	1	
	579 551		PANEL ASSEMBLY - Right rear cockpit, olivetone	1	
	579 552	J	PANEL ASSEMBLY - Right rear cockpit, midnight blue	1	
	579 314	K	PANEL ASSEMBLY - Right rear cockpit, dark blue	1	
	579 553		PANEL ASSEMBLY - Right rear cockpit, raspberry/black	1	
	579 554		PANEL ASSEMBLY - Right rear cockpit, tan/seal	1	
-10	38193-04	A	COVER ASSEMBLY - Baggage compartment	1	
-11	68633-05	A	HEADLINER - Baggage compartment, left	1	
	68633-07	A	HEADLINER - Baggage compartment, right	1	
-12	78054-02		COVER ASSEMBLY - Inertia reel, forward left	1	
	99801-02		COVER ASSEMBLY - Inertia reel, forward right	1	
-13	79182-02	A	COVER - Switch plate (unlighted)	1	
	69976-03	A	COVER - Switch plate (lighted)	1	
-14	65735-19	A	COVER - Air vent	4	
-15	66615-14	A	COVER ASSEMBLY	2	
-16	66788-14	A	COVER - Cabin air	2	
	99787-00	A,F	COVER - Cabin air	2	
-17	36551-02	A	COVER - Trim	2	
-18	36551-03	A	COVER - Trim	2	
-19	68017-00		COVER - Aft tunnel	1	
-20	69368-00		COVER - Cowl	1	
-21	38178-02	A	COVER ASSEMBLY - Forward tunnel	1	
-22	69652-12	A	COVER ASSEMBLY - Fuel selector control	1	
-23	69654-19	A,C	COVER ASSEMBLY - Console (less fuel selector control)	1	
	68693-02	A,D	COVER ASSEMBLY - Console (less fuel selector control)	1	
-24	69958-02	C	BLADE - Sun visor, pilot	1	
	98690-02	D	BLADE - Sun visor, pilot	1	
	65866-02		BLADE - Sun visor, copilot	1	
-25	66710-16	E	HOUSING ASSEMBLY - Armrest, left	2	
	66710-17	E	HOUSING ASSEMBLY - Armrest, right	2	
-26	763 003	E	* ASH TRAY - (S-25-AR-C)	1	
-27	580 731		PAD - Armrest, camel	4	
	579 507		PAD - Armrest, olivetone	4	
	579 508	J	PAD - Armrest, midnight blue	4	
	579 474	K	PAD - Armrest, dark blue	4	
	579 509		PAD - Armrest, black	4	
	579 510		PAD - Armrest, tan	4	
-28	63142-56		TRIM STRIP - Forward cabin door	1	
-29	63142-55		TRIM STRIP - Forward cabin door	1	
-30	63142-21		TRIM STRIP - Aft cabin door	1	
-31	63142-33		TRIM STRIP - Aft cabin door and cargo door	1	
-32	63142-34		TRIM STRIP - Cargo door windlacing, top	1	
-33	63142-50		TRIM STRIP - Forward cabin door	1	
-34	63142-54		TRIM STRIP - Cargo door, aft (20.25" L.)	1	
-35	63142-28		TRIM STRIP - Cargo door, aft (3.70" L.)	1	
-36	68969-05		WINDLACING - Aft cabin door and cargo door, white	1	
-37	65546-04		SILL - Door, forward cabin	1	
-38	69188-03		SILL - Door, aft cabin	1	
-39	69189-00		SILL - Lower cargo latch	1	
-40	69403-03		WINDLACING - Forward cabin door	1	
-41	62827-07		SHIELD - Flap handle cover	1	
-42	63287-00		PLATE - Tunnel	1	
-43	65735-18	A	CUP - Air vent	4	
-44	66787-00		PLACARD - Soft wear only	1	
-45	66804-00		STRAP ASSEMBLY - Baggage tie down, black (tip end)	2	
-46	66805-00		STRAP ASSEMBLY - Baggage tie down, black (buckle end)	2	
-47	68209-02		PLATE - Tunnel	1	
-48	68415-00		PLATE - Aft tunnel cover	1	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
35-49	68416-00		VENT ASSEMBLY - Forward, left (complete)	1	
	68416-01		VENT ASSEMBLY - Forward, right (complete)	1	
	68556-00		VENT ASSEMBLY - Aft, left (complete)	1	
	68556-01		VENT ASSEMBLY - Aft, right (complete)	1	
-50	79445-00		DOOR ASSEMBLY - Rear bulkhead	1	
-51	79837-02	H	BULKHEAD ASSEMBLY - Hat shelf	1	
	36589-04	F,H	BULKHEAD ASSEMBLY - Hat shelf	1	
	79837-02	D	BULKHEAD ASSEMBLY - Hat shelf	1	32R-7987121
-52	68610-00		TRIM PLATE	1	
-53	69363-00		PLACARD - Rudder trim	1	
-54	79455-00		LOOP ASSEMBLY - Assist	2	
-55	79456-00		CAP - Assist strap	2	
-56	68495-00		BLANKET - Cabin	1	
-57	68090-16	A	CHANNEL - Seat trim, left rear	1	
	68090-17	A	CHANNEL - Seat trim, right rear	1	
-58	65868-00		ROD - Sun visor	2	
-59	65869-00		BEARING - Sun visor	4	
-60	65870-00		CLIP - Sun visor, upper left and lower right	2	
-61	65871-00		CLIP - Sun visor, lower left and upper right	2	
-62	65865-00		RETAINER - Sun visor	2	
-63	79681-02	A	CHANNEL - Seat trim, left center	1	
	79681-03	A	CHANNEL - Seat trim, right center	1	
-64	69975-02		BAR ASSEMBLY - Tow	1	
-65	69344-28	A	COVER ASSEMBLY - Engine control	1	
-66	79472-00		* STOP ASSEMBLY - Mixture control	1	
-67	415 376		SCREW - (MS51957-27)	4	
	477 696		DOME NUT - (8061-NP)	4	
-68	487 560	W	STUD - (XX10362-12)	3	
-69	78117-00		RETAINER - Glare shield, left	1	
-70	78118-00		RETAINER - Glare shield, right	1	
-71	79125-00		CAP - Trim, left	1	
	79125-01		CAP - Trim, right	1	
-72	515 710	W	SCREW - (PS10084-44-2)	2	
	407 562	W	WASHER - (AN960-6)	2	
	404 909	W	NUT - (MS20365-632C)	2	
-73	79404-00		COVER - Radio cooling	1	
-74	67702-00		PLACARD - Emergency gear lever	1	
-75	69669-84		PLACARD - Gear override latch	1	
-76	69669-85		PLACARD - Override instructions	1	
-77	67786-00		PLACARD - Stabilator trim	1	
-78	35669-29	D	PLACARD - Cowl flap	1	
-79	69669-87		PLACARD - Fuel selector	1	
-80	69669-146	C	PLACARD - Operating limitations	1	
	69669-86	D	PLACARD - Operating limitations	1	
-81	69669-148	C	PLACARD - Baggage limitations, forward	1	
	35669-63	D	PLACARD - Baggage limitations, forward	1	
-82	96272-00		PLACARD - Baggage limitations, aft	1	
-83	78735-02	G	COVER - Rudder pedal stop bracket	2	
-84	69192-00		PLACARD - Operating limitations	1	
-85	36588-04		SCREW AND POST ASSEMBLY - Retainer	1	
-86	484 691		RIVET - Plastic (201-120751-00-0103)	2	
-87	69669-44		PLACARD - Engine controls	1	
-88	419 594		SCREW - (AN530-10R36)	8	

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

PIPER PARTS CATALOG

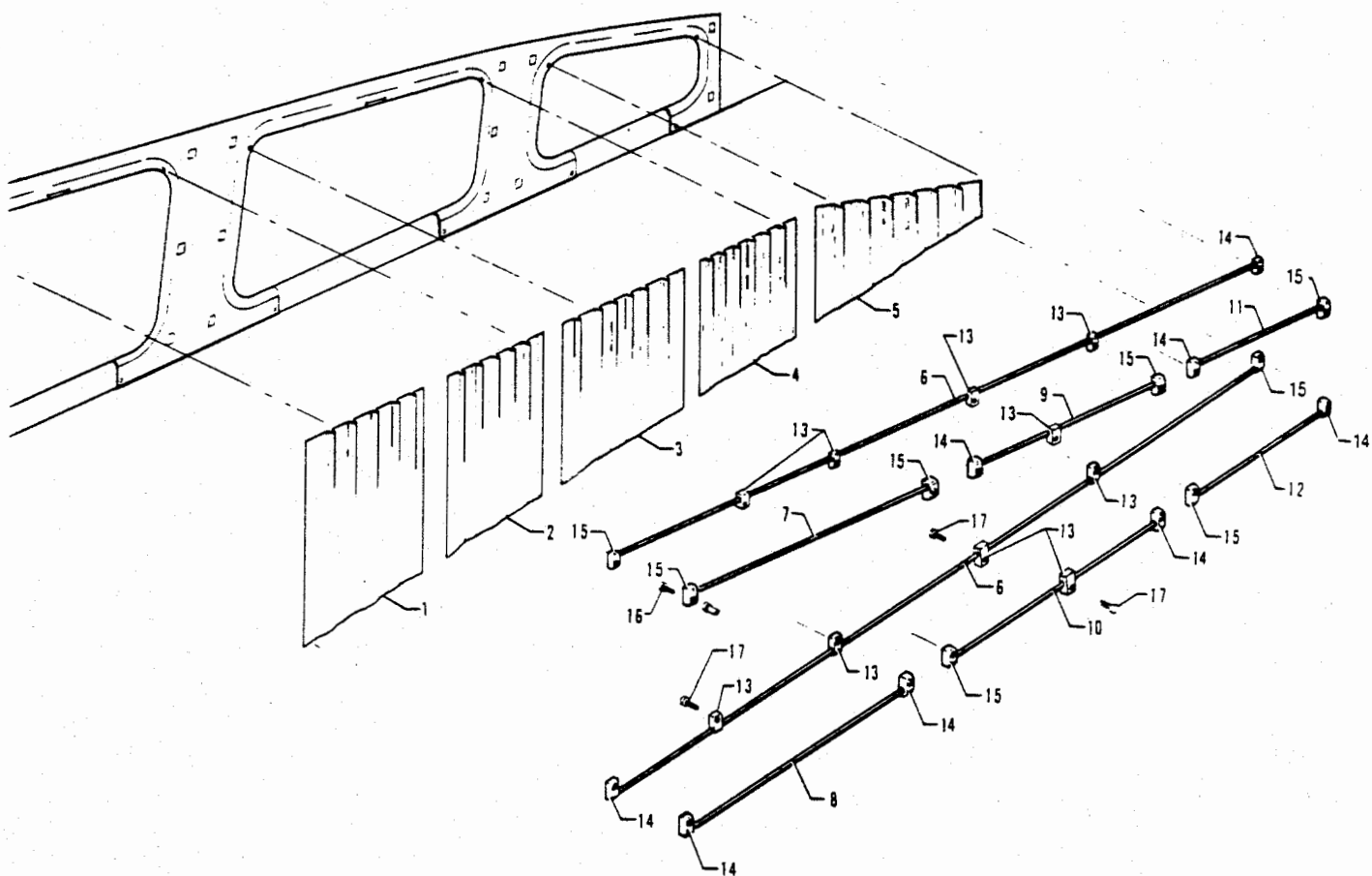


Figure 36. Window Curtains Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 36

W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
36-	67955		DRAWING - Curtain and Rod Installation		
-1	67968-02		CURTAIN ASSEMBLY - Window, center front, left	1	
	67968-03		CURTAIN ASSEMBLY - Window, center front, right	1	
-2	67968-04		CURTAIN ASSEMBLY - Window, center rear, left	1	
	67968-05		CURTAIN ASSEMBLY - Window, center rear, right	1	
-3	67968-06		CURTAIN ASSEMBLY - Window, center front, left	1	
	67968-07		CURTAIN ASSEMBLY - Window, center front, right	1	
-4	67968-08		CURTAIN ASSEMBLY - Window, center rear, left	1	
	67968-09		CURTAIN ASSEMBLY - Window, center rear, right	1	
-5	67968-10		CURTAIN ASSEMBLY - Window, rear, left	1	
	67968-11		CURTAIN ASSEMBLY - Window, rear, right	1	
-6	67969-05		ROD - Window curtain, top and bottom, right	2	
-7	67969-08		ROD - Window curtain, center, top, left	1	
-8	67969-07		ROD - Window curtain, center, bottom, left	1	
-9	67969-10		ROD - Window curtain, center, top, left	1	
-10	67969-09		ROD - Window curtain, center, bottom, left	1	
-11	67969-12		ROD - Window curtain, rear, top, left	1	
-12	67969-11		ROD - Window curtain, rear, bottom, left	1	
-13	67969-04		BRACKET - Window rod attachment, right, top and bottom	10	
-14	67969-03		BRACKET - Window rod attachment	8	
-15	67969-02		BRACKET - Window rod attachment	8	
-16	415 539	W	SCREW - (MS35206-249)	23	
	477 778		NUT - (PS10062-6-2)	23	
-17	419 596		SCREW - (AN530-10R12)	3	
	407 564	W	WASHER - (AN960-10)	3	

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

PIPER PARTS CATALOG

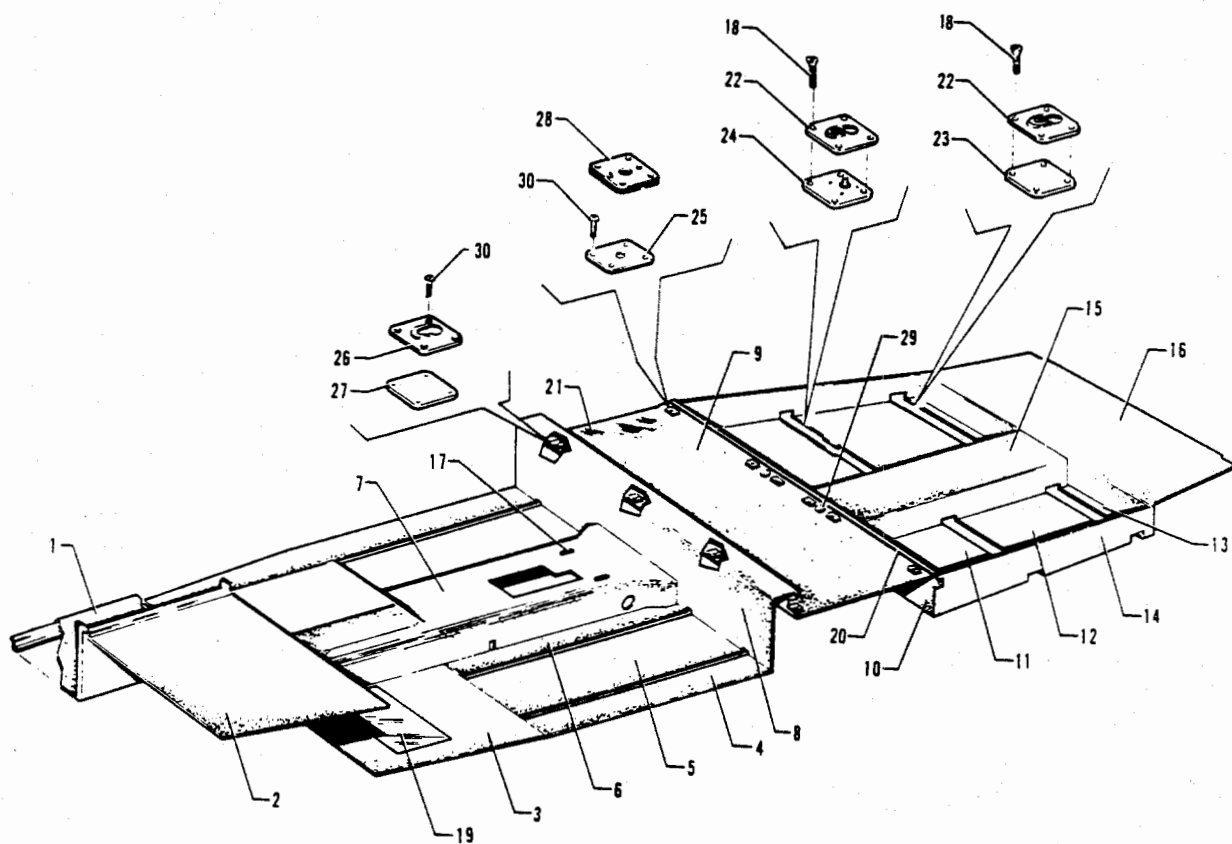


Figure 37. Carpet Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 37

- A - When ordering, specify color "bark II" or black.
- B - When ordering, specify color heather, palm, raspberry, brown, or royal blue.
- C - Used if sound reduction carpeting is installed.
- D - See Figure 43 if aft facing center seats are installed.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
37-	69845 38165		DRAWING - Carpet Installation DRAWING - Forward Baggage Compartment Finishing		
-1	591 483 591 600 591 601 591 602 591 603		CARPET - Forward baggage, heather CARPET - Forward baggage, palm CARPET - Forward baggage, royal blue CARPET - Forward baggage, raspberry CARPET - Forward baggage, brown	1 1 1 1 1	
-2	591 485 591 604 591 605 591 606 591 607		CARPET - Forward upper baggage, heather CARPET - Forward upper baggage, palm CARPET - Forward upper baggage, royal blue CARPET - Forward upper baggage, raspberry CARPET - Forward upper baggage, brown	1 1 1 1 1	
-3	591 509 591 628 591 629 591 630 591 631 79236-14 591 511 591 632 591 633 591 634 591 635 79236-15	B.C	CARPET - Front, left, heather CARPET - Front, left, palm CARPET - Front, left, royal blue CARPET - Front, left, raspberry CARPET - Front, left, brown CARPET - Front, left CARPET - Front, right, heather CARPET - Front, right, palm CARPET - Front, right, royal blue CARPET - Front, right, raspberry CARPET - Front, right, brown CARPET - Front, right	1 1 1 1 1 1 1 1 1 1 1 1	
-4	591 501 591 620 591 621 591 622 591 623 79236-16	B.C	CARPET - Front, outboard, heather CARPET - Front, outboard, palm CARPET - Front, outboard, royal blue CARPET - Front, outboard, raspberry CARPET - Front, outboard, brown CARPET - Front, outboard	2 2 2 2 2 2	
-5	591 503 591 624 591 625 591 626 591 627 79236-05	B.C	CARPET - Front, center, heather CARPET - Front, center, palm CARPET - Front, center, royal blue CARPET - Front, center, raspberry CARPET - Front, center, brown CARPET - Front, center	2 2 2 2 2 2	
-6	591 513 591 636 591 637 591 638 591 639 79236-17 591 515 591 640 591 641 591 642 591 643 79236-18	B.C	CARPET - Front, left inboard, heather CARPET - Front, left inboard, palm CARPET - Front, left inboard, royal blue CARPET - Front, left inboard, raspberry CARPET - Front, left inboard, brown CARPET - Front, left inboard CARPET - Front, right inboard, heather CARPET - Front, right inboard, palm CARPET - Front, right inboard, royal blue CARPET - Front, right inboard, raspberry CARPET - Front, right inboard, brown CARPET - Front, right inboard	1 1 1 1 1 1 1 1 1 1 1 1	
-7	591 517 591 644 591 645 591 646 591 647	B.C	CARPET - Forward tunnel, heather CARPET - Forward tunnel, palm CARPET - Forward tunnel, royal blue CARPET - Forward tunnel, raspberry CARPET - Forward tunnel, brown	1 1 1 1 1	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
37-8	591 569		CARPET ASSEMBLY - Spar box, heather	1	
	591 748		CARPET ASSEMBLY - Spar box, palm	1	
	591 749		CARPET ASSEMBLY - Spar box, royal blue	1	
	591 750		CARPET ASSEMBLY - Spar box, raspberry	1	
	591 751		CARPET ASSEMBLY - Spar box, brown	1	
-9	591 519		CARPET - Center, heather	1	
	591 648		CARPET - Center, palm	1	
	591 649		CARPET - Center, royal blue	1	
	591 650		CARPET - Center, raspberry	1	
	591 651		CARPET - Center, brown	1	
-10	591 531		CARPET - Aft, left, heather	1	
	591 672		CARPET - Aft, left, palm	1	
	591 673		CARPET - Aft, left, royal blue	1	
	591 674		CARPET - Aft, left, raspberry	1	
	591 675		CARPET - Aft, left, brown	1	
	591 533		CARPET - Aft, right, heather	1	
	591 676		CARPET - Aft, right, palm	1	
	591 677		CARPET - Aft, right, royal blue	1	
	591 678		CARPET - Aft, right, raspberry	1	
	591 679		CARPET - Aft, right, brown	1	
-11	591 553		CARPET - Aft, left, heather	1	
	591 716		CARPET - Aft, left, palm	1	
	591 717		CARPET - Aft, left, royal blue	1	
	591 718		CARPET - Aft, left, raspberry	1	
	591 719		CARPET - Aft, left, brown	1	
	79236-27	B,C	CARPET - Aft, left	1	
	591 555		CARPET - Aft, right, heather	1	
	591 720		CARPET - Aft, right, palm	1	
	591 721		CARPET - Aft, right, royal blue	1	
	591 722		CARPET - Aft, right, raspberry	1	
-12	591 723		CARPET - Aft, right, brown	1	
	79236-28	B,C	CARPET - Aft, right	1	
	591 557		CARPET - Aft, left, heather	1	
	591 724		CARPET - Aft, left, palm	1	
	591 725		CARPET - Aft, left, royal blue	1	
	591 726		CARPET - Aft, left, raspberry	1	
	591 727		CARPET - Aft, left, brown	1	
	79236-29	B,C	CARPET - Aft, left	1	
	591 559		CARPET - Aft, right, heather	1	
	591 728		CARPET - Aft, right, palm	1	
-13	591 729		CARPET - Aft, right, royal blue	1	
	591 730		CARPET - Aft, right, raspberry	1	
	591 731		CARPET - Aft, right, brown	1	
	79236-30	B,C	CARPET - Aft, right	1	
	591 523		CARPET - Aft, left, heather	1	
	591 656		CARPET - Aft, left, palm	1	
	591 657		CARPET - Aft, left, royal blue	1	
	591 658		CARPET - Aft, left, raspberry	1	
	591 659		CARPET - Aft, left, brown	1	
	79236-23	B,C	CARPET - Aft, left	1	
	591 525		CARPET - Aft, right, heather	1	
	591 660		CARPET - Aft, right, palm	1	
	591 661		CARPET - Aft, right, royal blue	1	
	591 662		CARPET - Aft, right, raspberry	1	
	591 663		CARPET - Aft, right, brown	1	
	79236-24	B,C	CARPET - Aft, right	1	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
37-14	591 565		CARPET - Aft, left outboard, heather	1	
	591 768		CARPET - Aft, left outboard, palm	1	
	591 769		CARPET - Aft, left outboard, royal blue	1	
	591 770		CARPET - Aft, left outboard, raspberry	1	
	591 771		CARPET - Aft, left outboard, brown	1	
	591 567		CARPET - Aft, right outboard, heather	1	
	591 772		CARPET - Aft, right outboard, palm	1	
	591 773		CARPET - Aft, right outboard, royal blue	1	
	591 774		CARPET - Aft, right outboard, raspberry	1	
	591 775		CARPET - Aft, right outboard, brown	1	
-15	591 563		CARPET ASSEMBLY - Aft tunnel, heather	1	
	591 744		CARPET ASSEMBLY - Aft tunnel, palm	1	
	591 745		CARPET ASSEMBLY - Aft tunnel, royal blue	1	
	591 746		CARPET ASSEMBLY - Aft tunnel, raspberry	1	
	591 747		CARPET ASSEMBLY - Aft tunnel, brown	1	
-16	591 529		CARPET - Aft, heather	1	
	591 668		CARPET - Aft, palm	1	
	591 669		CARPET - Aft, royal blue	1	
	591 670		CARPET - Aft, raspberry	1	
	591 671		CARPET - Aft, brown	1	
	79236-26	B, C	CARPET - Aft	1	
-17	69636-05	A	COVER - Seat belt attachment	1	
-18	410 241		SCREW - (MS24694-S6)	32	
-19	68611-00		PLATE - Heel (aluminum)	1	
-20	68613-00	D	STRIP - Trim	2	
-21	79805-05		PANEL ASSEMBLY - Front, center	1	
-22	68094-03		PLATE - Seat attachment, rear	8	
-23	68096-00		PLATE - Seat attachment, rear	4	
-24	79781-02		PLATE ASSEMBLY - Seat foot, rear	4	
-25	68094-03		PLATE - Seat attachment, aft legs	4	
-26	99141-03		PLATE - Seat attachment, forward legs	4	
-27	99140-00		PLATE - Seat attachment, forward legs	4	
-28	79781-02		PLATE ASSEMBLY - Seat attachment, aft legs	4	
-29	99752-00		RING - Boot attachment	2	
-30	410 059		SCREW - (MS24693-S55)	40	

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

PIPER PARTS CATALOG

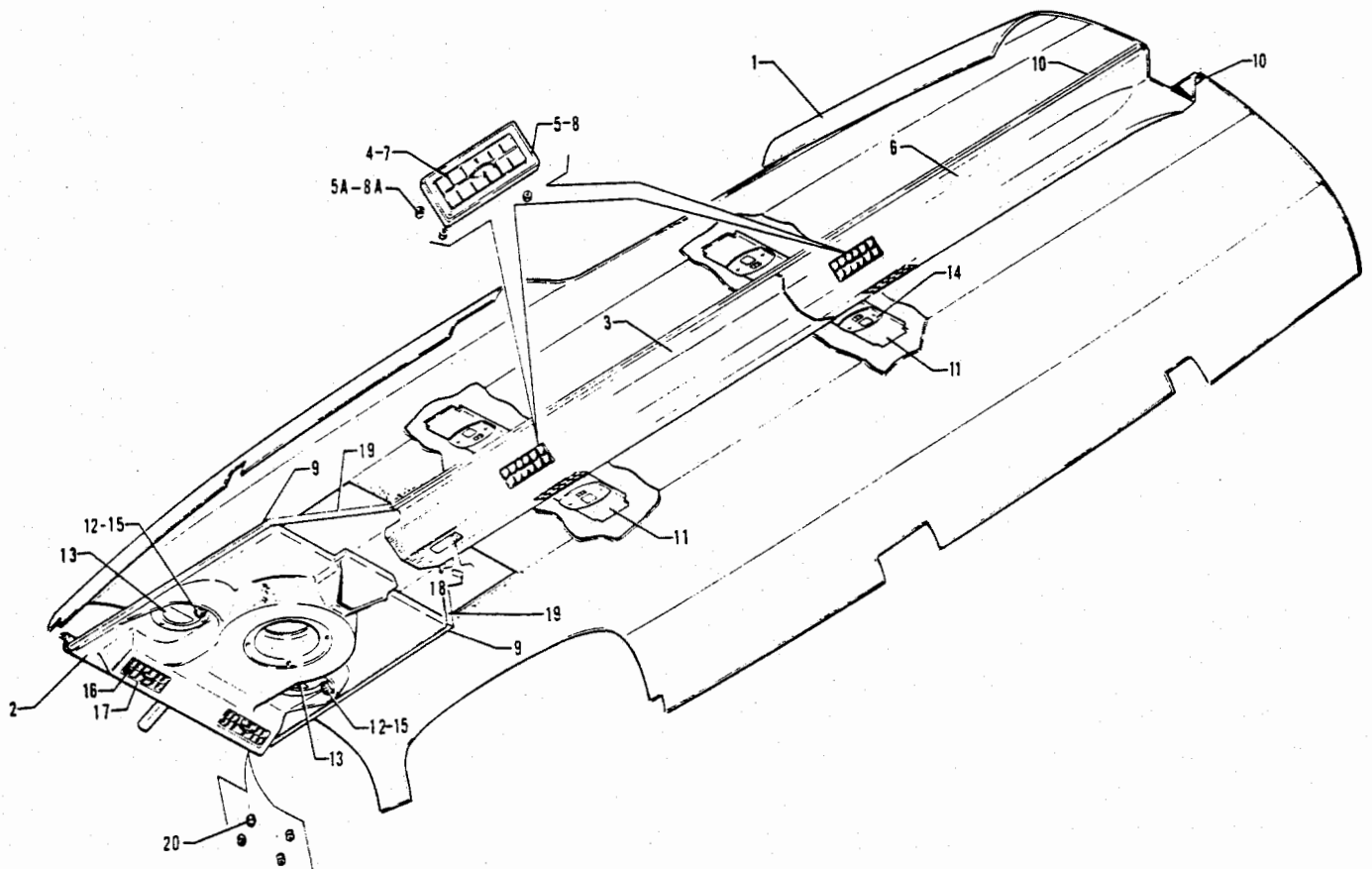


Figure 38. Headliner and Forward Fresh Air Duct Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 38

- A - Used on PA-32RT-300 with serial numbers 32R-7885001 and up, and PA-32RT-300T with serial numbers 32R-7887001 to 32R-7887120 incl., 32R-7987122 to 32R-7987146 incl.
- B - Used on PA-32RT-300T only.
- C - See Figure 66 if air conditioning is installed.
- D - Ascertain light assembly color before ordering. If existing lights are red, order (2) P/N 572 582. If existing lights are blue order quantity as desired. Do not intermix red and blue lights in aircraft.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
38-	69812		DRAWING - Headliner Installation		
-1	69813-00		HEADLINER ASSEMBLY	2	
-2	69746-13	A,C	PANEL ASSEMBLY - Fresh air vent (with speaker hole)	1	
	69746-15	A,C	PANEL ASSEMBLY - Fresh air vent (without speaker hole)	1	
	69989-03	B,C	PANEL ASSEMBLY - Fresh air vent (with speaker hole)	1	32R-7987121
	69989-02	B,C	PANEL ASSEMBLY - Fresh air vent (without speaker hole)	1	32R-7987121
-3	69749-08	A	DUCT ASSEMBLY - Fresh air vent, forward	1	
	69990-02	B	DUCT ASSEMBLY - Fresh air vent, forward	1	32R-7987121
-4	473 187		* LOUVER - (136-1M)	2	
-5	461 386		* FRAME - (173-M)	2	
-5a	406 424		* NUT - (C-2733-040-1)	8	
-6	69751-06	A	DUCT ASSEMBLY - Fresh air vent, center	1	
	69991-02	B	DUCT ASSEMBLY - Fresh air vent, center	1	32R-7987121
-7	473 187		* LOUVER - (136-1M)	2	
-8	461 386		* FRAME - (173-M)	2	
-8a	406 424		* NUT - (C-2733-040-1)	8	
-9	79246-01	A	RETAINER - Front, left	1	
	79246-00	A	RETAINER - Front, right	1	
	79246-04	B	RETAINER - Front, left	1	32R-7987121
	79246-05	B	RETAINER - Front, right	1	32R-7987121
-10	79246-02	A	RETAINER - Rear	2	
	79246-06	B	RETAINER - Rear, left	1	32R-7987121
	79246-07	B	RETAINER - Rear, right	1	32R-7987121
-11	69748-00		CHANNEL - Light assembly	2	
-12	95228-00		DIMMER ASSEMBLY - Potentiometer	2	
-13	572 582	D	LIGHT ASSEMBLY - Forward (A300-W-14)	2	
-14	572 524		LIGHT ASSEMBLY - Reading (A325ML) Whelen	4	
-15	571 136		KNOB - (PS10067-4-1)	2	
-16	473 187		LOUVER - (136-1M)	2	
-17	461 386		FRAME - (173-M)	2	
-18	69669-77		PLACARD - Cabin air	1	
-19	79246-08	B	RETAINER - Center, left	1	32R-7987121
	79246-09	B	RETAINER - Center, right	1	32R-7987121
-20	406 424		NUT - (C-2733-040-1)	8	

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

PIPER PARTS CATALOG

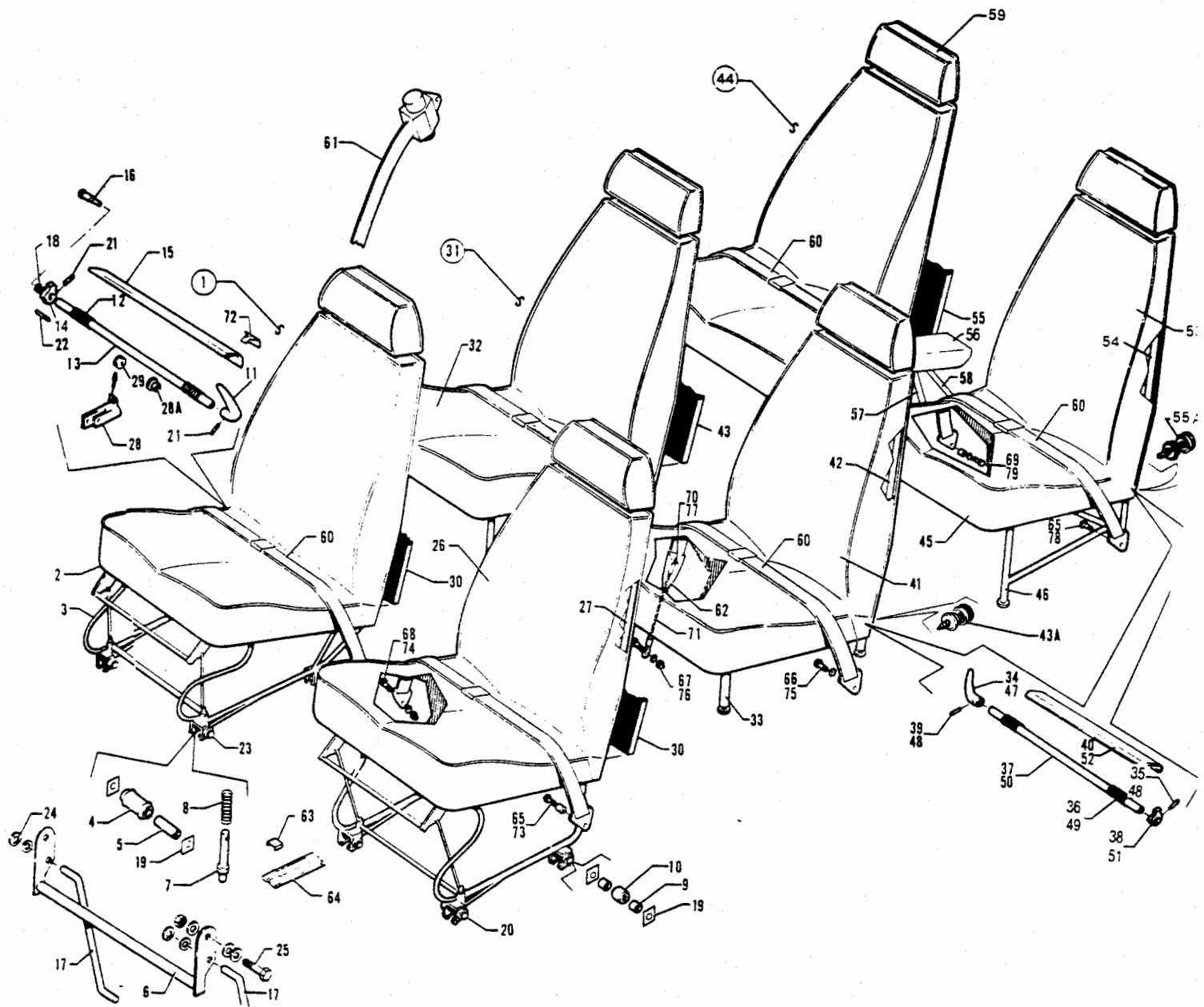


Figure 39. Seats Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 39

- A - When ordering this part, serial number of aircraft must be supplied. When ordering for PA-32RT-300 with serial numbers 32R-7885001 to 32R-7985012 inclusive, and PA-32RT-300T with serial numbers 32R-7887001 to 32R-7987037 inclusive; specify color red (color code 7326), blue (color code 7327), gold (color code 7328), navajo sepia or navajo cactus. When ordering for PA-32RT-300 with serial numbers 32R-7985013 and up, and PA-32RT-300T with serial numbers 32R-7987038 and up; specify color red (color code 792), blue (color code 793), gold (color code 794), navajo sepia or navajo cactus. Also specify trim color black or camel.
- B - When ordering, specify color olivetone, raspberry or tan. Specify color midnight blue (color code 785) for PA-32RT-300 with serial numbers 32R-7885001 to 32R-7985102 inclusive, and PA-32RT-300T with serial numbers 32R-7887001 to 32R-7987124 inclusive. Specify color dark blue (color code 796) for PA-32RT-300 with serial numbers 32R-7985103 and up, and PA-32RT-300T with serial numbers 32R-7987125 and up.
- C - When ordering, specify color camel or black.
- D - When ordering, specify color camel, olivetone, raspberry or tan. Specify color midnight blue (color code 785) for PA-32RT-300 with serial numbers 32R-7885001 to 32R-7985102 inclusive, and PA-32RT-300T with serial numbers 32R-7887001 to 32R-7987124 inclusive. Specify color dark blue (color code 796) for PA-32RT-300 with serial numbers 32R-7985103 and up, and PA-32RT-300T with serial numbers 32R-7987125 and up.
- E - Used if aft facing center seats are installed.
- F - Before ordering, ascertain O.D. at center of seat roller. If O.D. of roller measures .42, (2) rollers P/N 87332-02 must be ordered. If O.D. of roller measures .62, order roller(s) as required.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
39-	78087 78354		DRAWING - Seats Installation DRAWING - Shoulder Harness Installation		
-1	79337-19 79337-45 79337-20 79337-46	A B A B	SEAT ASSEMBLY - Front, left SEAT ASSEMBLY - Front, left (luxurious) SEAT ASSEMBLY - Front, right SEAT ASSEMBLY - Front, right (luxurious)	1 1 1 1	
-2	79337-25 79337-39 79337-26 79337-40	A B A B	* CUSHION AND FRAME ASSEMBLY - Front seat, bottom, left * CUSHION AND FRAME ASSEMBLY - Front seat, bottom, left (luxurious) * CUSHION AND FRAME ASSEMBLY - Front seat, bottom, right * CUSHION AND FRAME ASSEMBLY - Front seat, bottom, right (luxurious)	1 1 1 1	
-3	79818-02 79818-03		* * FRAME ASSEMBLY - Front seat, bottom, left * * FRAME ASSEMBLY - Front seat, bottom, right	1 1	
-4	87332-02		* * * ROLLER - Seat track	2	
-5	95061-106		* * * BEARING - Seat roller	2	
-6	79207-00		* * * HANDLE ASSEMBLY - Seat release	1	
-7	76175-03		* * * PLUNGER - Seat	2	
-8	587 299		* * * SPRING - Seat plunger (LC-038F-6SS)	2	
-9	95061-161		* * * SPACER - Seat roller	4	
-10	452 386		* * * BEARING - (NAS506-4)	2	
-11	79442-00		* * * HANDLE - Seat recliner	1	
-12	19336-00 19336-01	W W	* * * SPRING - Seat back adjustment, inboard * * * SPRING - Seat back adjustment, outboard	1 1	
-13	79230-00		* * * TUBE - Reclining mechanism	1	
-14	19365-02	W	* * * CAM - Reclining seat	2	
-15	76176-00		* * * COVER - Reclining seat	1	
-16	79229-00		* * * BEARING SHAFT - Seat release, right	1	
-17	79322-05		* * * ROD - Seat release	2	
-18	79235-00		* * * BUSHING - Seat back release, right	1	
-19	79251-00		* * * WASHER - Teflon	8	
-20	62833-78		* * * WASHER - Seat attachment	8	
-21	480 701	W	* * * PIN - Roll (59-028-125-0625)	3	
-22	480 732	W	* * * PIN - Roll (59-040-187-0937)	2	
-23	401 318 404 888	W W	* * * BOLT - (AN4-20A) * * * NUT - (MS20365-428C)	4 4	
-24	407 561 406 369	W W	* * * WASHER - (AN960-4) * * * NUT - (A1037-012-3)	4 4	
-25	400 002 494 040 404 836	W W	* * * BOLT - (AN4-5A) * * * WASHER - Nylon (PS10011-12) * * * NUT - (MS20364-428C)	2 6 2	
-26	79337-16 79337-27 79337-17 79337-28	A B A B	* CUSHION AND FRAME ASSEMBLY - Front seat, back, left * CUSHION AND FRAME ASSEMBLY - Front seat, back, left (luxurious) * CUSHION AND FRAME ASSEMBLY - Front seat, back, right * CUSHION AND FRAME ASSEMBLY - Front seat, back, right (luxurious)	1 1 1 1	
-27	79555-00 79555-01		* * FRAME ASSEMBLY - Front seat, back, left * * FRAME ASSEMBLY - Front seat, back, right	1 1	
-28	99718-05		* * * STOP ASSEMBLY - Seat latch, right	1	
-28a	453 732	W	* * * BUSHING - Seat back, right (PS10064-375-4)	1	
-29	79554-02		* * KNOB - Seat back release, right	1	
-30	78041-00 78041-09	 B	* COVER ASSEMBLY - Seat back, front, "bark II" * COVER ASSEMBLY - Seat back, front (luxurious)	1 1	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
39-31	96827-24	A	SEAT ASSEMBLY - Center, left	1	
	96827-33	B	SEAT ASSEMBLY - Center, left (luxurious)	1	
	96827-25	A	SEAT ASSEMBLY - Center, right	1	
	96827-34	B	SEAT ASSEMBLY - Center, right (luxurious)	1	
-32	96827-26	A	* CUSHION AND FRAME ASSEMBLY - Center seat, bottom, left	1	
	96827-31	B	* CUSHION AND FRAME ASSEMBLY - Center seat, bottom, left (luxurious)	1	
	96827-27	A	* CUSHION AND FRAME ASSEMBLY - Center seat, bottom, right	1	
	96827-32	B	* CUSHION AND FRAME ASSEMBLY - Center seat, bottom, right (luxurious)	1	
-33	99077-16		* * FRAME ASSEMBLY - Center seat bottom, left	1	
	99077-17		* * FRAME ASSEMBLY - Center seat bottom, right	1	
-34	79442-00		* * * HANDLE - Seat recliner	1	
-35	480 701	W	* * * PIN - Roll (59-028-125-0625)	3	
-36	19336-00	W	* * * SPRING - Seat back adjustment, inboard	1	
	19336-01	W	* * * SPRING - Seat back adjustment, outboard	1	
-37	19392-15	W	* * * TUBE - Reclining mechanism	1	
-38	19365-02	W	* * * CAM - Reclining seat	2	
-39	480 701	W	* * * PIN - Roll (59-028-125-0625)	1	
-40	76176-00		* * * COVER - Reclining seat	1	
-41	79337-16	A	* CUSHION AND FRAME ASSEMBLY - Center seat, back	1	
	79337-27	B	* CUSHION AND FRAME ASSEMBLY - Center seat, back (luxurious)	1	
-42	79555-00		* * FRAME ASSEMBLY - Center seat, back	1	
-43	78041-00		* COVER ASSEMBLY - Seat back, "bark II"	1	
	78041-09	B	* COVER ASSEMBLY - Seat back (luxurious)	1	
-43a	67958-02	B	* BUTTON ASSEMBLY - Seat back	5	
-44	79479-02	A	SEAT ASSEMBLY - Rear, left	1	
	79479-12	B	SEAT ASSEMBLY - Rear, left (luxurious)	1	
	79479-03	A	SEAT ASSEMBLY - Rear, right	1	
	79479-14	B	SEAT ASSEMBLY - Rear, right (luxurious)	1	
-45	79479-08	A	* CUSHION AND FRAME ASSEMBLY - Rear seat, bottom, left	1	
	79479-15	B	* CUSHION AND FRAME ASSEMBLY - Rear seat, bottom, left (luxurious)	1	
	79479-11	A	* CUSHION AND FRAME ASSEMBLY - Rear seat, bottom, right	1	
	79479-17	B	* CUSHION AND FRAME ASSEMBLY - Rear seat, bottom, right (luxurious)	1	
-46	79633-02		* * FRAME ASSEMBLY - Rear seat, bottom, left	1	
	79633-15		* * FRAME ASSEMBLY - Rear seat, bottom, right	1	
-47	79442-00		* * * HANDLE - Seat recliner	1	
-48	480 701	W	* * * PIN - Roll (59-028-125-0625)	3	
-49	19336-00	W	* * * SPRING - Seat back adjustment, inboard	1	
	19336-01	W	* * * SPRING - Seat back adjustment, outboard	1	
-50	19392-15	W	* * * TUBE - Reclining mechanism	1	
-51	19365-02	W	* * * CAM - Reclining seat	2	
-52	76176-00		* * * COVER - Reclining seat	1	
-53	79337-16	A	* CUSHION AND FRAME ASSEMBLY - Rear seat, back	1	
	79337-27	B	* CUSHION AND FRAME ASSEMBLY - Rear seat, back (luxurious)	1	
-54	79555-00		* * FRAME ASSEMBLY - Rear seat, back	1	
-55	78041-02		* COVER ASSEMBLY - Seat back, "bark II"	1	
	78041-10	B	* COVER ASSEMBLY - Seat back (luxurious)	1	
-55a	67958-02	B	* BUTTON ASSEMBLY - Seat back	5	
-56	79749-03	D	ARMREST ASSEMBLY - Rear seat, right	1	
-57	79749-07	C	* SUPPORT ASSEMBLY - Armrest, forward	1	
-58	79749-08	C	* SUPPORT ASSEMBLY - Armrest, rear	1	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
39-59	79337-18	A	HEADREST ASSEMBLY - (8" high)	6	
	79764-02	A	HEADREST ASSEMBLY - (10" high)	6	
	79337-41	B	HEADREST ASSEMBLY - (6" high) luxurious	6	
	79764-04	B	HEADREST ASSEMBLY - (10" high) luxurious	6	
-60	551 390		BELT ASSEMBLY - Lap, forward (PS50039-4-2A)	2	
	551 391		BELT ASSEMBLY - Lap, center (PS50039-4-3A)	2	
	551 392		BELT ASSEMBLY - Lap, rear (PS50039-4-4A)	2	
-61	551 394		BELT ASSEMBLY - Shoulder, forward (PS50039-4-16)	2	
	551 393		BELT ASSEMBLY - Shoulder, center and rear (PS50039-4-14)	4	
-62	68022-14		BOOT - Seat belt attachment, black	2	
-63	62654-00		STOP - Seat track (1.20" L)	8	
	62654-03	E	STOP - Seat track (3 65" L) rear	4	
-64	62557-04		TRACK - Front seat	4	
-65	63900-145		BUSHING - Seat belt attachment	4	
-66	63900-146		BUSHING - Seat belt attachment	2	
-67	95061-90		BUSHING - Seat belt attachment	2	
-68	95061-180		BUSHING - Seat belt attachment	2	
-69	63900-147		BUSHING - Seat belt attachment	2	
-70	63900-149		BUSHING - Seat belt attachment	2	
-71	96908-00		CABLE ASSEMBLY - Seat belt attachment	2	
-72	76176-02		CLIP - Seat stop	2	
-73	400 441	W	BOLT - (AN3-7A)	2	
-74	400 441	W	BOLT - (AN3-7A)	2	
	407 564	W	WASHER - (AN960-10)	2	
	404 887	W	NUT - (MS20365-1032C)	2	
-75	400 004	W	BOLT - (AN4-7A)	2	
	407 565	W	WASHER - (AN960-416)	2	
-76	401 194	W	BOLT - (AN5-16A)	2	
	407 566	W	WASHER - (AN960-516)	2	
	404 889	W	NUT - (MS20365-524C)	2	
-77	401 187	W	BOLT - (AN5-7A)	2	
	407 566	W	WASHER - (AN960-516)	2	
	404 837	W	NUT - (MS20364-524C)	2	
-78	400 441	W	BOLT - (AN3-7A)	2	
	407 564	W	WASHER - (AN960-10)	2	
-79	400 440	W	BOLT - (AN3-6A)	2	
	407 564	W	WASHER - (AN960-10)	2	

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

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--- PIPER PARTS CATALOG ---

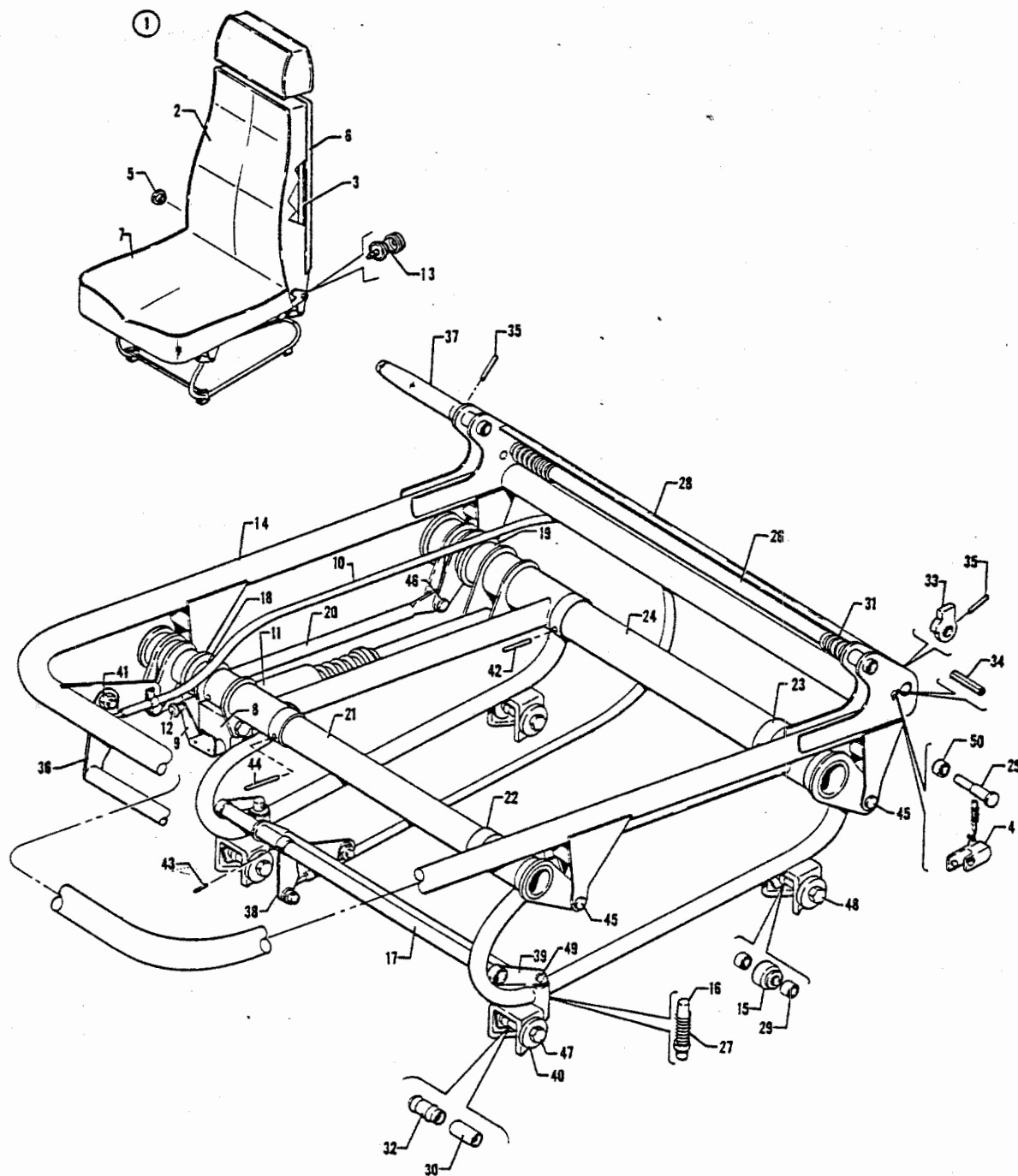


Figure 40. Vertically Adjustable Front Seat Assembly

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 40

- A - When ordering this part, serial number of aircraft must be supplied. When ordering for PA-32RT-300 with serial numbers 32R-7885001 to 32R-7985012 inclusive, and PA-32RT-300T with serial numbers 32R-7887001 to 32R-7987037 inclusive; specify color red (color code 7326), blue (color code 7327), gold (color code 7328), navajo sepia or navajo cactus. When ordering for PA-32RT-300 with serial numbers 32R-7985013 and up, and PA-32RT-300T with serial numbers 32R-7987038 and up; specify color red (color code 792), blue (color code 793), gold (color code 794), navajo sepia or navajo cactus. Also specify trim color black or camel.
- B - When ordering, specify color olivetone, midnight blue, raspberry or tan.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

SECTION V
Cabin Equipment Group

VERTICALLY ADJUSTABLE FRONT
SEAT ASSEMBLY

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
40-1	79592-02	A	SEAT ASSEMBLY - Adjustable front, left	1	
	79592-04	B	SEAT ASSEMBLY - Adjustable front, left (luxurious)	1	
	79592-03	A	SEAT ASSEMBLY - Adjustable front, right	1	
	79592-05	B	SEAT ASSEMBLY - Adjustable front, right (luxurious)	1	
-2	79337-16	A	CUSHION ASSEMBLY - Back, left	1	
	79337-27	B	CUSHION ASSEMBLY - Back, left (luxurious)	1	
	79337-17	A	CUSHION ASSEMBLY - Back, right	1	
	79337-28	B	CUSHION ASSEMBLY - Back, right (luxurious)	1	
-3	79555-00		FRAME ASSEMBLY - Back, left	1	
	79555-01		FRAME ASSEMBLY - Back, right	1	
-4	99718-05		STOP ASSEMBLY - Seat latch, right	1	
-5	79554-02		KNOB - Seat back release, right	1	
-6	78041-00		COVER ASSEMBLY - Seat back, "Bark II"	1	
	78041-09	B	COVER ASSEMBLY - Seat back (luxurious)	1	
-7	555 953		COVER ASSEMBLY - Seat bottom, red (with black trim)	1	
	555 954		COVER ASSEMBLY - Seat bottom, blue (with black trim)	1	
	555 955		COVER ASSEMBLY - Seat bottom, gold (with black trim)	1	
	555 884		COVER ASSEMBLY - Seat bottom, navajo sepia (with camel trim)	1	
	555 885		COVER ASSEMBLY - Seat bottom, navajo cactus (with camel trim)	1	
	555 888		COVER ASSEMBLY - Seat bottom, navajo sepia (with black trim)	1	
	555 889		COVER ASSEMBLY - Seat bottom, navajo cactus (with black trim)	1	
	556 342		COVER ASSEMBLY - Seat bottom, red (with camel trim)	1	
	556 343		COVER ASSEMBLY - Seat bottom, blue (with camel trim)	1	
	556 344		COVER ASSEMBLY - Seat bottom, gold (with camel trim)	1	
	556 236		COVER ASSEMBLY - Seat bottom, olivetone	1	
	556 237		COVER ASSEMBLY - Seat bottom, midnight blue	1	
	556 238		COVER ASSEMBLY - Seat bottom, raspberry	1	
	556 239		COVER ASSEMBLY - Seat bottom, tan	1	
-8	37902-06		ADAPTER - Seat control	1	
-9	37902-08		CONTROL ARM - Actuator, left	1	
	37902-09		CONTROL ARM - Actuator, right	1	
-10	99719-28		CABLE ASSEMBLY - Seat track release (crew operated, length 27")	1	
-11	587 404		CONTROL ASSEMBLY - Seat adjustment (Gas Spring Corp. P/N 06-10-080-310-025)	1	
-12	471 084		KNOB - Actuator (233)	1	
-13	67958-02	B	BUTTON ASSEMBLY - Seat back	3	
-14	79540-02		FRAME ASSEMBLY - Bottom, left	1	
	79540-03		FRAME ASSEMBLY - Bottom, right	1	
-15	452 386		ROLLER - (NAS506-4)	2	
-16	76175-00		PLUNGER	2	
-17	76172-03		TUBE - Bellcrank	1	
-18	76347-01		BELLCRANK ASSEMBLY - Forward, left	1	
	76347-00		BELLCRANK ASSEMBLY - Forward, right	1	
-19	79792-02		BELLCRANK ASSEMBLY - Aft, left	1	
	79792-03		BELLCRANK ASSEMBLY - Aft, right	1	
-20	36864-02		LINK ASSEMBLY - Seat (forged)	1	
-21	76343-00		TUBE ASSEMBLY - Forward	1	
-22	76351-02		BUSHING - Seat	2	
-23	76351-03		BUSHING - Seat	2	
-24	78361-00		TUBE ASSEMBLY - Aft	1	
-25	79229-00		BEARING SHAFT - Seat release, right	1	
-26	79230-02		TUBE - Seat reclining	1	
-27	587 299		SPRING - Seat plunger (LC-038F-6SS)	2	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
40-28	76176-00		COVER - Reclining seat	1	
-29	95061-161		SPACER - Seat roller	4	
-30	95061-106		BEARING - Seat roller	2	
-31	19336-00	W	SPRING - Seat back adjustment, inboard	1	
	19336-01	W	SPRING - Seat back adjustment, outboard	1	
-32	18968-00	W	ROLLER - Seat	2	
-33	19365-02	W	CAM -Reclining seat	2	
-34	480 732	W	PIN - Roll (59-040-187-0937)	2	
-35	480 701	W	PIN - Roll (59-028-125-0625)	3	
-36	79207-00		HANDLE - Seat release	1	
-37	79442-00		HANDLE - Seat recliner	1	
-38	76187-00		ARM ASSEMBLY - Seat release	1	
-39	36858-02		ARM ASSEMBLY - Seat latch (forged)	2	
-40	62833-78		WASHER	8	
-41	400 002	W	BOLT - (AN4-5A)	2	
	494 040		WASHER - (PS10011-12)	6	
	404 836	W	NUT - (MS20364-428C)	2	
-42	480 801		PIN - (MS9048-173)	5	
-43	480 777		PIN - (MS9048-100) .50 long	3	
			PIN - (MS9048-101) .56 long	3	
-44	480 789		PIN - (MS9048-170)	4	
-45	424 174	W	PIN - (MS20392-2C11)	4	
	407 564	W	WASHER - (AN960-10)	4	
	424 051	W	COTTER PIN - (MS24665-132)	4	
-46	424 205		PIN - (MS20392-3C17)	2	
	407 565	W	WASHER - (AN960-416)	2	
	424 051	W	COTTER PIN - (MS24665-132)	2	
-47	401 318	W	BOLT - (AN4-20A) Front	2	
	404 888	W	NUT - (MS20365-428C) Front	2	
-48	401 318	W	BOLT - (AN4-20A) Rear	2	
	477 708		NUT - (26C-048) Rear	2	
-49	424 143		PIN - (MS20392-1C13)	2	
	407 561	W	WASHER - (AN960-4)	2	
	424 051	W	COTTER PIN - (MS24665-132)	2	
-50	79235-00		BUSHING - Seat back release, right	1	

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

PIPER PARTS CATALOG

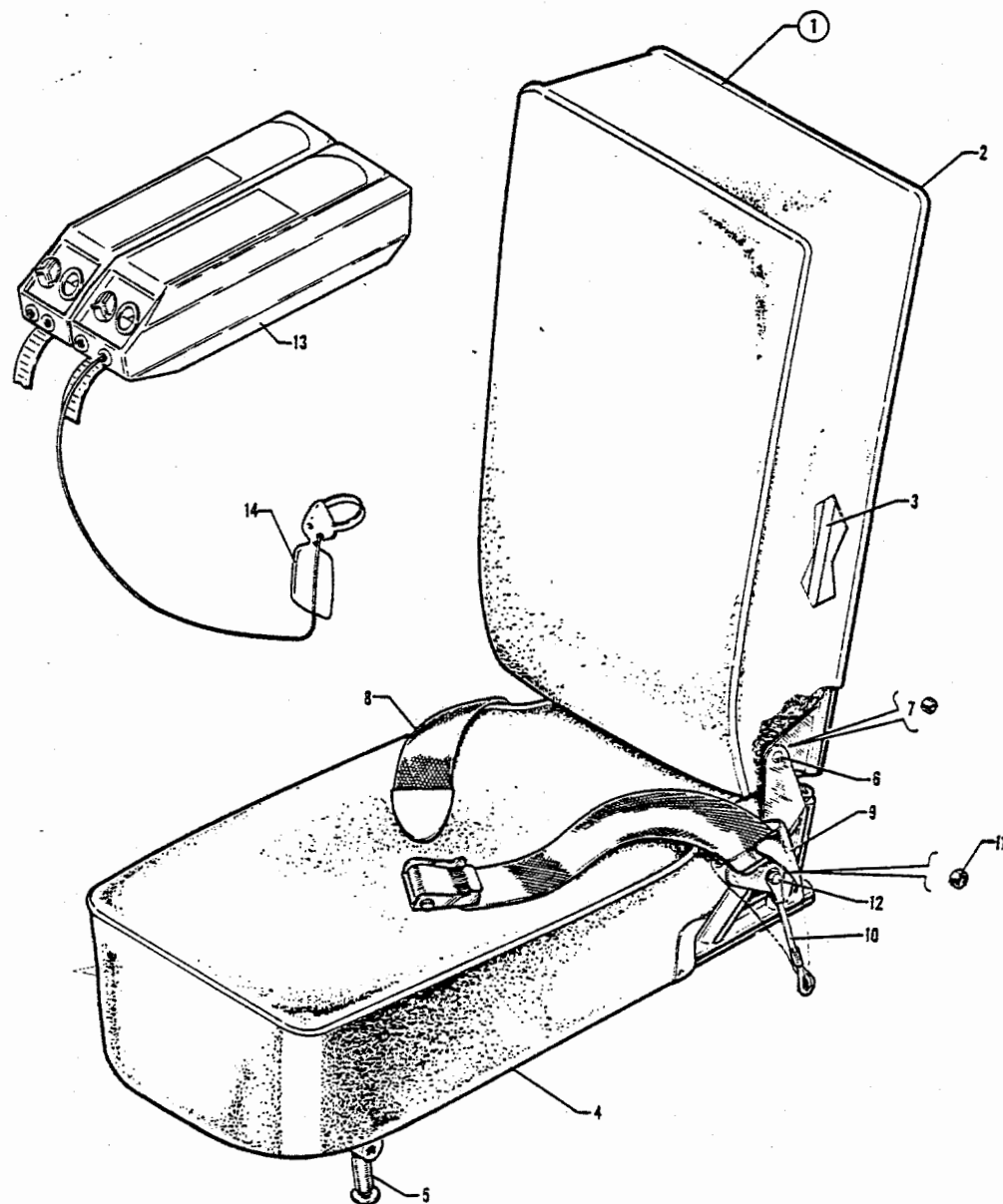


Figure 41. 7th Seat Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 41

- A - When ordering this part, serial number of aircraft must be supplied. When ordering for PA-32RT-300 with serial numbers 32R-7885001 to 32R-7985012 inclusive, and PA-32RT-300T with serial numbers 32R-7887001 to 32R-7987037 inclusive; specify color red (color code 7326), blue (color code 7327), gold (color code 7328), navajo sepia or navajo cactus. When ordering for PA-32RT-300 with serial numbers 32R-7985013 and up, and PA-32RT-300T with serial numbers 32R-7987038 and up; specify color red (color code 792), blue (color code 793), gold (color code 794), navajo sepia or navajo cactus. Also specify trim color black or camel.
- B - When ordering, specify color olivetone, midnight blue, raspberry or tan.
- C - Used on PA-32RT-300T only.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
41-	69565		DRAWING - 7th Seat Installation		
-1	78108-12	A	SEAT ASSEMBLY	1	
	78108-14	B	SEAT ASSEMBLY - (Luxurious)	1	
-2	78108-03	A	CUSHION AND FRAME ASSEMBLY - Back	1	
	78108-15	B	CUSHION AND FRAME ASSEMBLY - Back (luxurious)	1	
-3	69066-00		FRAME ASSEMBLY - Seat back	1	
-4	78108-10	A	CUSHION AND FRAME ASSEMBLY - Bottom	1	
	78108-16	B	CUSHION AND FRAME ASSEMBLY - Bottom (luxurious)	1	
-5	69067-10		FRAME ASSEMBLY - Seat bottom	1	
-6	400 670	W	BOLT - (AN23-8)	2	
-7	63900-133		BUSHING	2	
-8	551 376		BELT ASSEMBLY - Safety (PS50039-4-5)	1	
-9	68022-14		BOOT - Seat belt attachment, black	2	
-10	96908-03		CABLE ASSEMBLY - Seat belt attachment	2	
-11	63900-149		BUSHING - Seat belt attachment	2	
-12	401 187	W	BOLT - (AN5-7A)	2	
	407 566	W	WASHER - (AN960-516)	2	
	404 837	W	NUT - (MS20364-524C)	2	
-13	470 925	C	KIT - Complete oxygen system (802180-00)	1	
-14	761 652	C	SKY MASK AND CONNECTOR ASSEMBLY - Pilot	1	
	761 653	C	SKY MASK AND CONNECTOR ASSEMBLY - Copilot	1	
	761 654	C	SKY MASK AND CONNECTOR ASSEMBLY - Passenger (with 5' hose)	1	
	761 655	C	SKY MASK AND CONNECTOR ASSEMBLY - Passenger (with 7.5' hose)	1	

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

PIPER PARTS CATALOG

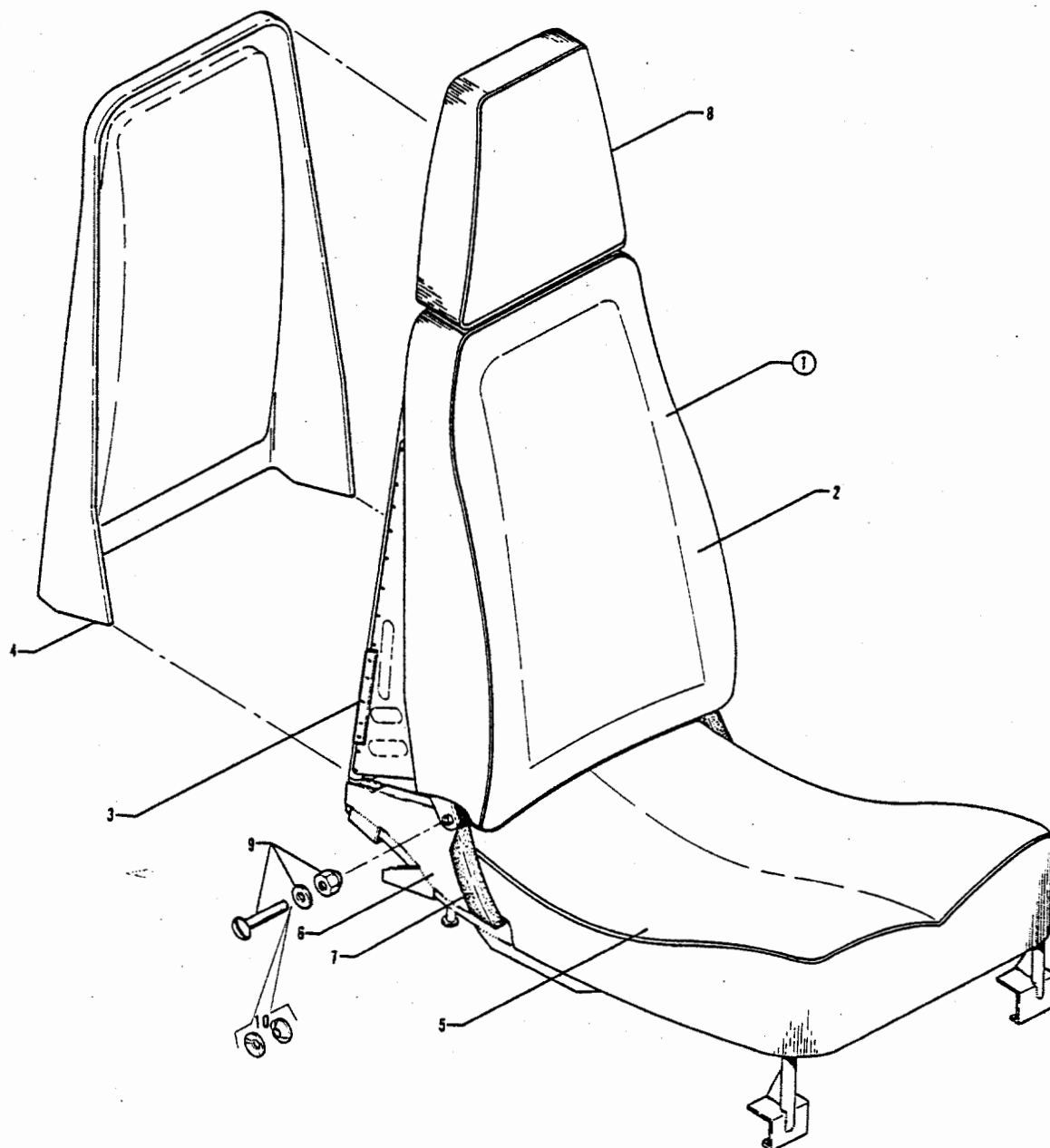


Figure 42. Aft Facing Seat Assembly - Center

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 42

- A - When ordering this part, serial number of aircraft must be supplied. When ordering for PA-32RT-300 with serial numbers 32R-7885001 to 32R-7985012 inclusive, and PA-32RT-300T with serial numbers 32R-7887001 to 32R-7987037 inclusive; specify color red (color code 7326), blue (color code 7327), gold (color code 7328), navajo sepia or navajo cactus. When ordering for PA-32RT-300 with serial numbers 32R-7985013 and up, and PA-32RT-300T with serial numbers 32R-7987038 and up; specify color red (color code 792), blue (color code 793), gold (color code 794), navajo sepia or navajo cactus. Also specify trim color black or camel.
- B - When ordering, specify with or without map rack.
- C - When ordering, specify color olivetone, midnight blue, raspberry or tan.
- D - When ordering, specify color "Bark II" or black.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

SECTION V
Cabin Equipment Group

AFT FACING SEAT ASSEMBLY - CENTER

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
42-1	37799-02	A,B	SEAT ASSEMBLY - Center, aft facing	2	
	37799-10	C	SEAT ASSEMBLY - Center, aft facing (luxurious)	2	
-2	37799-03	A,B	CUSHION ASSEMBLY - Seat back	1	
	37799-11	C	CUSHION ASSEMBLY - Seat back (luxurious)	1	
-3	37796-02		FRAME ASSEMBLY - Seat back	1	
-4	37823-02		COVER ASSEMBLY - Seat back (without map rack)		
			"bark II"	1	
	37823-07	C	COVER ASSEMBLY - Seat back (without map rack)		
			luxurious	1	
	37840-02		COVER ASSEMBLY - Seat back (with map rack)		
			"bark II"	1	
-5	37799-04	A	CUSHION ASSEMBLY - Seat bottom	1	
	37799-12	C	CUSHION ASSEMBLY - Seat bottom (luxurious)	1	
-6	37797-02		FRAME ASSEMBLY - Seat bottom	1	
-7	37824-02	D	COVER - Seat bottom	1	
-8	37799-05	A	HEADREST ASSEMBLY - Seat	1	
	37799-13	C	HEADREST ASSEMBLY - Seat (luxurious)	1	
-9	400 916	W	SCREW - (AN24-26A)	2	
	407 565	W	WASHER - (AN960-416)	4	
	477 708		NUT - (26C-048)	2	
-10	408 834		WASHER - (AM251215)	2	

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

PIPER PARTS CATALOG

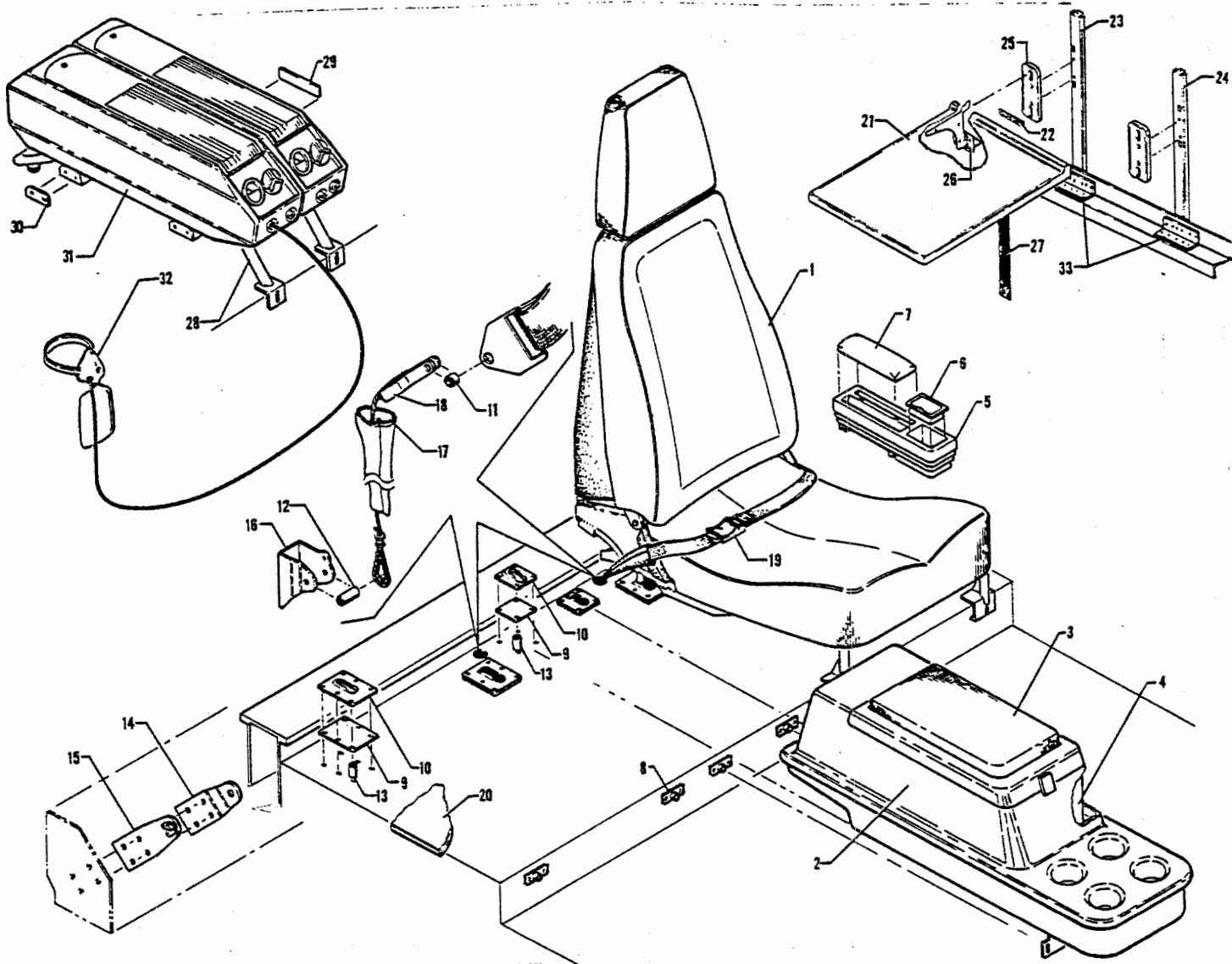


Figure 43. Club Seating Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 43

- A - See Figure 42 for component parts.
- B - When ordering this part, serial number of aircraft must be supplied. When ordering for PA-32RT-300 with serial numbers 32R-7885001 to 32R-7985012 inclusive, and PA-32RT-300T with serial numbers 32R-7887001 to 32R-7987037 inclusive; specify color red (color code 7326), blue (color code 7327), gold (color code 7328), navajo sepia or navajo cactus. When ordering for PA-32RT-300 with serial numbers 32R-7985013 and up, and PA-32RT-300T with serial numbers 32R-7987038 and up; specify color red (color code 792), blue (color code 793), gold (color code 794), navajo sepia or navajo cactus. Also specify trim color black or camel and with or without map rack.
- C - When ordering, specify color olivetone, midnight blue, raspberry or tan.
- D - When ordering, specify color black, or "Bark II" and black.
- E - When ordering, specify color "Bark II" or black.
- F - Used on PA-32RT-300 with serial numbers 32R-7985001 and up, and PA-32RT-300T with serial numbers 32R-7987001 and up.
- G - Used on PA-32RT-300T only.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
43-	37825		DRAWING - Club Seats Installation		
-1	37799-02	A,B	SEAT ASSEMBLY - Center, aft facing	2	
	37799-10	A,C	SEAT ASSEMBLY - Center, aft facing (luxurious)	2	
-2	79750-00	D	CONSOLE ASSEMBLY - Refreshment	1	
-3	579 420		ARM PAD ASSEMBLY - Console (camel)	1	
	579 421		ARM PAD ASSEMBLY - Console (olivetone)	1	
	579 422		ARM PAD ASSEMBLY - Console (midnight blue)	1	
	579 423		ARM PAD ASSEMBLY - Console (raspberry)	1	
	579 424		ARM PAD ASSEMBLY - Console (tan)	1	
-4	758 097		ICE CHEST - Console (3076-1)	1	
-5	66710-17		HOUSING ASSEMBLY - Armrest, left	1	
	66710-16		HOUSING ASSEMBLY - Armrest, right	1	
-6	763 003		ASH TRAY - (S-25-AR-C)	1	
-7	580 731		PAD - Armrest, camel	2	
	579 507		PAD - Armrest, olivetone	2	
	579 508		PAD - Armrest, midnight blue	2	
	579 509		PAD - Armrest, black	2	
	579 510		PAD - Armrest, tan	2	
-8	37850-02		PLATE ASSEMBLY - Seats	6	
-9	99140-00		PLATE - Seat attachment	6	
-10	99141-03		PLATE - Seat attachment	6	
-11	63900-149		BUSHING	2	
-12	95061-157		BUSHING	2	
-13	95061-09		SPACER	36	
-14	37834-02		LINK - Seat belt attachment	2	
-15	37835-02		LINK - Seat belt attachment	2	
-16	37839-02		FITTING - Seat belt attachment	2	
-17	68022-14		BOOT - Seat belt attachment	2	
	67970-02	E	BOOT - Seat belt attachment (luxurious)	2	
-18	96908-00		CABLE ASSEMBLY - Seat belt	2	
-19	551 391		BELT ASSEMBLY - Safety, center (PS50039-4-3A)	2	
-20	37829-03		PANEL ASSEMBLY - Floor, center	1	
-21	36800-02	F	TABLE ASSEMBLY	1	
-22	35669-104	F	PLACARD - Table stowage	1	
-23	36801-02	F	BRACKET ASSEMBLY - Table, mounting, forward	1	
-24	36801-03	F	BRACKET ASSEMBLY - Table, mounting, aft	1	
-25	36803-02	F	ESCUTCHEON - Table mount	2	
-26	36802-02	F	CLIP COVER - Table	2	
-27	65440-10	F	STRAP ASSEMBLY - Table	1	
-28	79770-11	G	FRAME ASSEMBLY - Oxygen bottle support	1	
-29	35669-13	G	PLACARD - Oxygen bottle installation	1	
-30	79778-02	E,G	CAP - Oxygen bottle support	4	
-31	470 959	G	KIT - Complete oxygen system (802180-01)	1	
-32	761 652	G	SKY MASK AND CONNECTOR ASSEMBLY - Pilot	1	
	761 653	G	SKY MASK AND CONNECTOR ASSEMBLY - Copilot	1	
	761 654	G	SKY MASK AND CONNECTOR ASSEMBLY - Passenger (with 5' hose)	2	
-33	37825-07	F	ANGLE - Table mounting bracket	2	

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

PIPER PARTS CATALOG

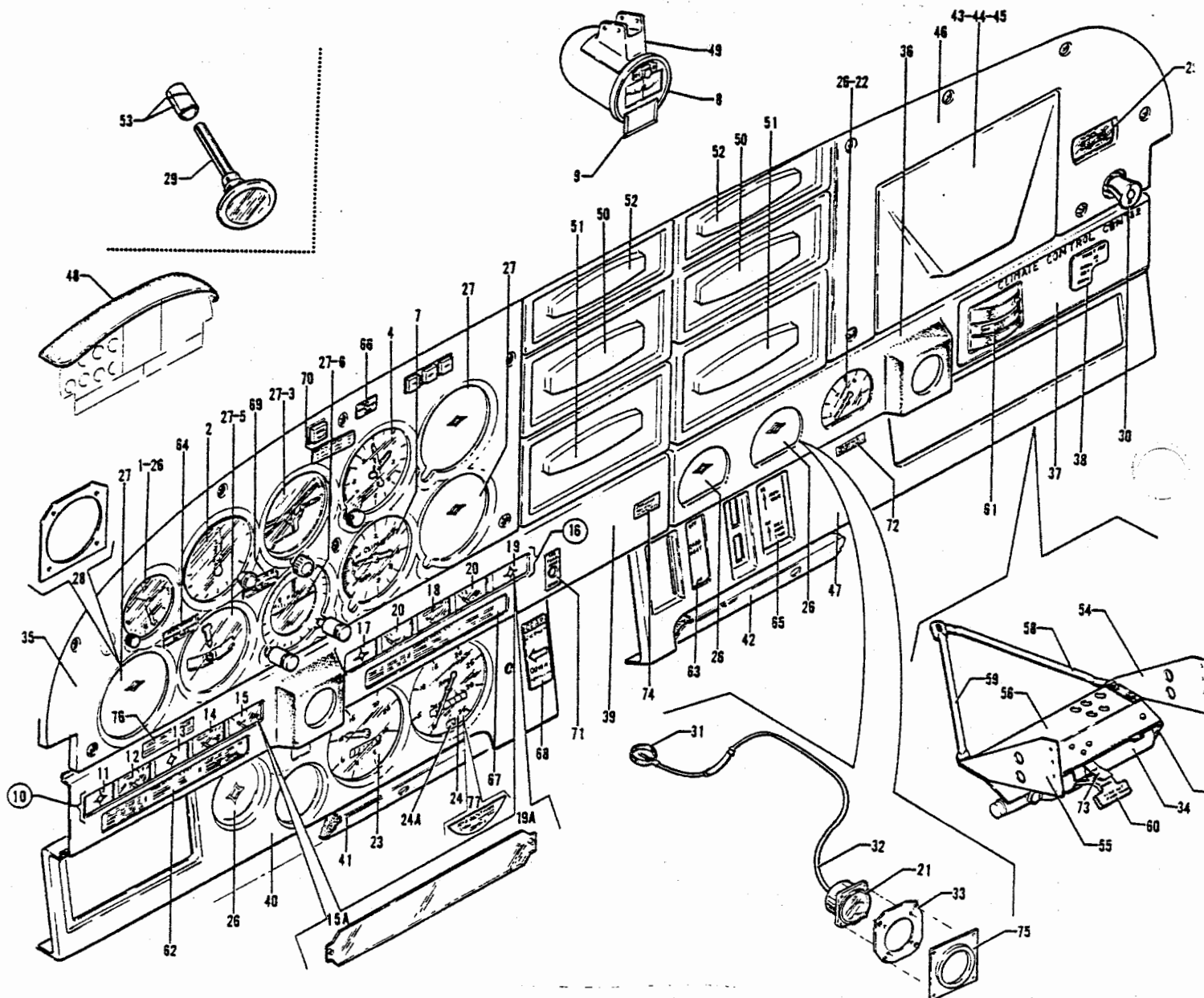


Figure 44. Instrument Panel Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 44

- A - Used on PA-32RT-300 only.
- B - Used on PA-32RT-300T only.
- C - When ordering, specify color "Bark II" or black.
- D - Used if air conditioning has been installed.
- E - Used if fresh air blower has been installed.
- F - When ordering, specify color camel, black or mocha.
- G - Used if NSD-360 is installed.
- H - Used on PA-32RT-300 with serial numbers 32R-7985001 and up, and PA-32RT-300T with serial numbers 32R-7987001 and up.
- J - Used if King KFC-200 Autopilot is installed.
- K - Used on PA-32RT-300 with serial numbers 32R-7885001 to 32R-7985054 inclusive, and PA-32RT-300T with serial numbers 32R-7887001 to 32R-7987077 inclusive.
- L - Used on PA-32RT-300 with serial numbers 32R-7985055 and up, and PA-32RT-300T with serial numbers 32R-7987078 and up.
- M - See Figure 76 if AutoFlite II is installed.
- N - Used on aircraft that comply with R.L.D. (Dutch) requirement.
- O - See Figure 77 if AutoControl III B is installed, and Figure 78 if AltiMatic III C is installed.
- P - Instrument not approved for IFR.
- Q - Used on aircraft that comply with German Government Requirements.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
44-	69331 69332 69815		DRAWING - Instruments Installation, Engine DRAWING - Instruments Installation, Flight DRAWING - Instrument Panel Cover Installation		
-1	99487-00 548 097		INSTRUMENT - Clock (AN5743-L2) INSTRUMENT - Clock (CA7613, electric)	1 1	
-2	548 265 548 264	B B	INSTRUMENT - Airspeed (PS50049-48S), knots INSTRUMENT - True airspeed, adjustable (PS50049-46T), knots	1 1	
	548 253 548 254	A A	INSTRUMENT - Airspeed (PS50049-39S-2), knots INSTRUMENT - True airspeed, adjustable (PS50049-39T-2), knots	1 1	
-3	755 428 99002-06 99002-08	O,W O O	INSTRUMENT - Gyro horizon INSTRUMENT - Gyro horizon (with adjusting knob covered) INSTRUMENT - Gyro horizon (Aeritalia S.P.A. 31101P)	1 1 1	
-4	548 153	P	INSTRUMENT - Altimeter, standard (scale in inches of mercury to 20,000 feet)	1	
	550 493	W	INSTRUMENT - Altimeter, sensitive (scale in inches of mercury to 20,000 feet)	1	
	550 491	W	INSTRUMENT - Altimeter, sensitive (scale in millibars to 20,000 feet)	1	
	550 489	W	INSTRUMENT - Altimeter, sensitive (scale in inches of mercury to 35,000 feet)	1	
	550 488	W	INSTRUMENT - Altimeter, sensitive (scale in millibars to 35,000 feet)	1	
	548 330		INSTRUMENT - Altimeter, sensitive (scale in inches of mercury and millibars to 20,000 feet)	1	
	548 331		INSTRUMENT - Altimeter, sensitive (scale in inches of mercury and millibars to 35,000 feet)	1	
	548 039	W	INSTRUMENT - Altimeter, encoding (scale in inches of mercury to 35,000 feet)	1	
	548 040		INSTRUMENT - Altimeter, encoding (scale in millibars to 35,000 feet)	1	
	548 407		INSTRUMENT - Altimeter, encoding (scale in inches of mercury and millibars to 35,000 feet)	1	
-5	550 483 548 190	M M	INSTRUMENT - Turn and bank (1234T100-5) electric INSTRUMENT - Turn coordinator (1394T100) electric	1 1	
-6	755 427 99003-07	O,W O	INSTRUMENT - Directional gyro INSTRUMENT - Directional gyro (Aeritalia S.P.A. 31101P)	1 1	
-7	99010-02		INSTRUMENT - Rate of climb	1	
-8	67462-06		INSTRUMENT - Compass assembly	1	
-9	79650-02		HOLDER - Compass card	1	
-10	95241-20 95241-26	A B	CLUSTER ASSEMBLY - Instrument CLUSTER ASSEMBLY - Instrument	1 1	
-11	79376-00 79369-00	A B	PLATE ASSEMBLY - Cover GAUGE - Cylinder head temperature	1 1	
-12	38226-00 98706-02	A B	GAUGE - Oil pressure GAUGE - Oil pressure	1 1	
-13	79376-00		PLATE ASSEMBLY - Cover	1	
-14	79367-00		GAUGE - Oil temperature	1	
-15	79362-00		GAUGE - Ammeter, 60 amp	1	
-15a	79381-00		LENS - Cluster assembly	1	
-16	95241-19 95421-25 95241-25	A A B	CLUSTER ASSEMBLY - Instrument CLUSTER ASSEMBLY - Instrument CLUSTER ASSEMBLY - Instrument	1 1 1	32R-7885001 to 32R-7985102 incl. 32R-7985103 and up
-17	79376-00		PLATE ASSEMBLY - Cover	1	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
44-18	38225-00	A	GAUGE - Fuel pressure (0-50 psi)	1	32R-7885001 to 32R-7985102 incl.
	79376-00	A	PLATE ASSEMBLY - Cover	1	32R-7985103 and up
	79376-00	B	PLATE ASSEMBLY - Cover	1	
-19	79376-00		PLATE ASSEMBLY - Cover	1	
-19a	79381-00		LENS - Cluster assembly	1	
-20	38224-00		GAUGE - Fuel, left and right main, 47.5 gal.	2	
-21	751 912	A	GAUGE - Mixture control indicator	1	
	755 061	B	GAUGE - Mixture control indicator	1	
-22	99480-00		GAUGE - Suction (1G10-1)	1	
-23	550 465	A	GAUGE - Manifold pressure and fuel flow	1	32R-7885001 to 32R-7985102 incl.
	548 343	A	GAUGE - Manifold pressure and fuel flow	1	32R-7985103 and up
	98675-02	B	GAUGE - Manifold pressure and fuel flow	1	
-24	550 614	A	INSTRUMENT - Tachometer (62177-02)	1	
	62177-11	B	INSTRUMENT - Tachometer	1	
-24a	35669-24	B	PLACARD - Reduce power	1	
-25	35658-02	W	INDICATOR - Engine hour recorder (550 530)	1	
-26	67431-04		PLATE ASSEMBLY - Cover, instrument panel	5	
-27	67431-00		PLATE ASSEMBLY - Cover, instrument panel	6	
-28	99214-00		PLATE - Support	AR	
-29	550 662	W	GAUGE - Air temperature (NHM-70)	1	
-30	472 969		LIGHTER - Cigar (204575)	1	
-31	757 310	A	PROBE ASSEMBLY - Mixture control	1	
	763 427	B	PROBE ASSEMBLY - Mixture control	1	
-32	756 616	A	WIRE ASSEMBLY - Mixture control gauge	1	
	763 706	B	WIRE ASSEMBLY - Mixture control gauge	1	
-33	69080-00		COVER - EGT	1	
-34	459 849	H	FIRE EXTINGUISHER - (HA1014-01)	1	
-35	69816-07	A,C,J	COVER ASSEMBLY - Instrument panel, upper left	1	
	36848-04	A,C	COVER ASSEMBLY - Instrument panel, upper left	1	32R-7985001 and up
	69816-09	B,C	COVER ASSEMBLY - Instrument panel, upper left	1	
	36848-02	B,C,J	COVER ASSEMBLY - Instrument panel, upper left	1	32R-7987001 and up
	79571-00	C,G	COVER ASSEMBLY - Instrument panel, upper left	1	
-36	69831-07	C	COVER ASSEMBLY - Instrument panel	1	
	69831-09	C,D	COVER ASSEMBLY - Instrument panel	1	
	69831-05	C,E	COVER ASSEMBLY - Instrument panel	1	
-37	69678-02		PLACARD - Air conditioning control panel	1	
-38	69669-38		PLACARD - Vent fan control	1	
-39	69338-02		COVER - Instrument panel, left, black	1	
-40	69817-03	C	COVER ASSEMBLY - Instrument panel, lower left	1	
	36877-02	H,J	COVER ASSEMBLY - Instrument panel, lower left	1	
-41	69569-00	F	CHANNEL ASSEMBLY - Shin guard, left	1	
-42	69570-00	F	CHANNEL ASSEMBLY - Shin guard, right	1	
-43	69328-00		BOX - Glove	1	
-44	69329-00		DOOR - Glove box	1	
-45	69330-03	C	COVER - Glove box	1	
-46	69659-00	C	COVER - Instrument panel, upper right	1	
-47	69901-02	C	COVER ASSEMBLY - Instrument panel, lower right	1	
-48	78109-04		SHIELD ASSEMBLY - Glare, black	1	
-49	79600-00		HOUSING ASSEMBLY - Compass	1	
-50	99060-06	C	COVER - Radio opening, 6.56 x 3.25	2	
-51	99061-06	C	COVER - Radio opening, 6.56 x 3.56	2	
-52	99062-06	C	COVER - Radio opening, 6.44 x 1.78	2	
-53	79314-00		SPACER - Air temperature gauge, inner	1	
	79314-02		SPACER - Air temperature gauge, outer	1	
-54	35680-05	H	BRACKET ASSEMBLY - Fire extinguisher	1	
-55	35680-06	H	BRACKET ASSEMBLY - Fire extinguisher	1	
-56	35680-08	H	BRACKET ASSEMBLY - Fire extinguisher	1	
-57	35680-12	H	BRACKET ASSEMBLY - Fire extinguisher	1	
-58	35680-15	H	BRACE - Fire extinguisher support	1	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
44-59	35680-16	H	BRACE - Fire extinguisher support	1	
-60	35680-11	H	TAB ASSEMBLY - Fire extinguisher	1	
-61	67241-00		PLACARD - Heater and defrost	1	
	35669-28		PLACARD - Heater and defrost (lift to actuate)	1	
-62	67879-00	A	PLACARD - Takeoff checklist	1	
	35669-21	B	PLACARD - Takeoff checklist	1	
-63	69545-00		PLACARD - Alternate air	1	
-64	69669-73		PLACARD - Crosswind, knots	1	
-65	69669-21		PLACARD - Navigation and instrument lights	1	
-66	69669-39		PLACARD - Press to test	1	
-67	35669-46	A	PLACARD - Landing checklist, knots	1	
	35669-45	B	PLACARD - Landing checklist, knots	1	
-68	69669-133		PLACARD - Gear "up-down", knots	1	
-69	69669-136	A	PLACARD - Maneuvering speed, knots	1	
	35669-62	B	PLACARD - Maneuvering speed, knots	1	
-70	69669-172		PLACARD - Gear "up-down - extended", knots	1	
-71	99921-00		PLACARD - Air condition door light	1	
-72	96602-00	K	PLACARD - Strobe light operating	1	
	69669-175	L	PLACARD - Strobe light operating	1	
-73	35680-22	H	BRACKET - Fire extinguisher	1	
-74	35669-76		PLACARD - Altitude leaning	1	
-75	69169-00		PLATE - EGT	1	
-76	35669-129	N	PLACARD - Altitude loss	1	
-77	69669-181	A,Q	PLACARD - Reduce power	1	

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

--- PIPER PARTS CATALOG ---

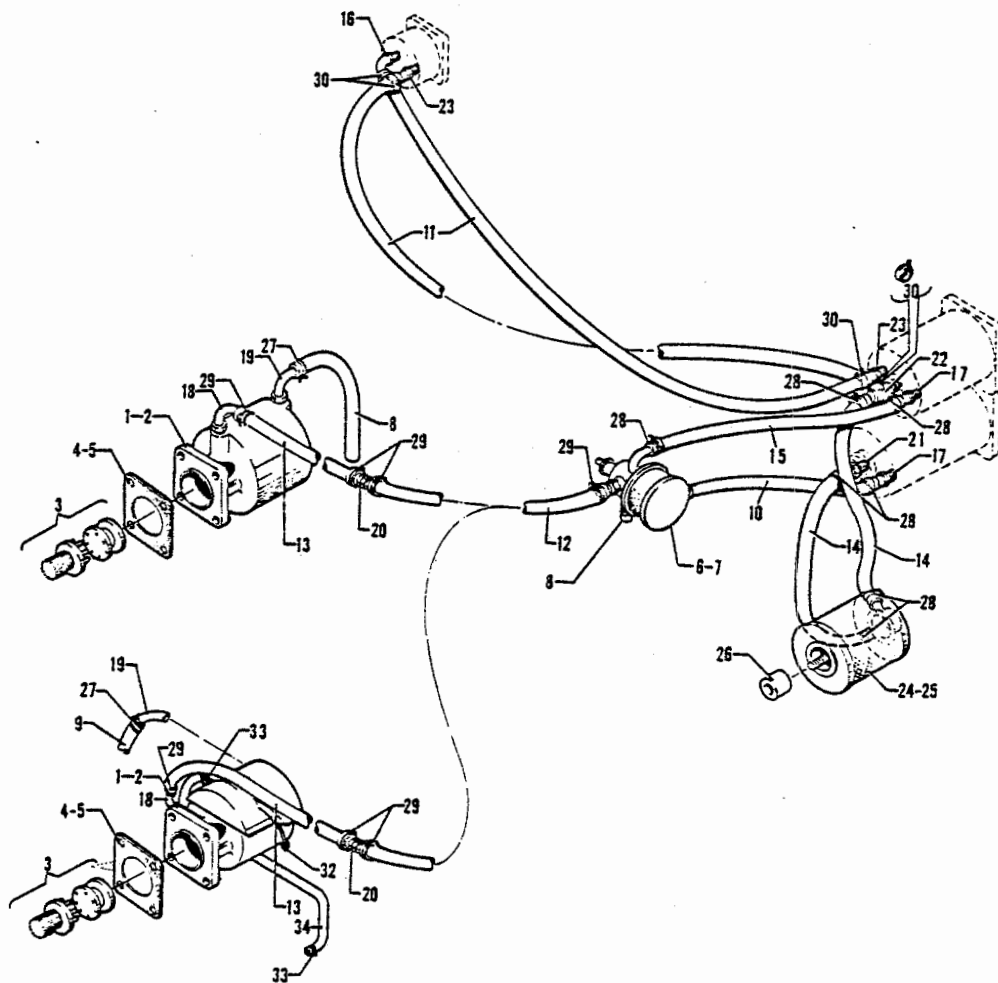


Figure 45. Vacuum System Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 45

- A - Used on PA-32RT-300 only.
- B - Used on PA-32RT-300T only.
- C - Used with Vacuum Pump P/N 26749-07 (Airborne 211CC) only.
- D - Used with Vacuum Pump P/N 36535-02 (Edo-Aire 1U128-002) only.
- E - See Figure 84 if Radar System is installed.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 45

- A - Used on PA-32RT-300 only.
- B - Used on PA-32RT-300T only.
- C - Used with Vacuum Pump P/N 26749-07 (Airborne 211CC) only.
- D - Used with Vacuum Pump P/N 36535-02 (Edo-Aire 1U128-002) only.
- E - See Figure 84 if Radar System is installed.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
45-	69370	A	DRAWING - Vacuum System Installation		
	98585	B	DRAWING - Vacuum System Installation		
-1	754 575		KIT - Vacuum pump drive (79005)	1	
-2	26749-07	W	PUMP - Dry vacuum (Airborne 211CC)	1	
	36535-02		PUMP - Dry vacuum (Edo-Aire 1U128-002)	1	
-3	753 910	C,W	* COUPLING ASSEMBLY KIT - Vacuum pump drive (No. 350)	1	
-4	751 859	C,W	* * GASKET - Vacuum pump mounting (B3-1-2)	1	
-5	462 023	D,W	* GASKET - Vacuum pump mounting (AN4045-1)	1	
-6	492 240		VALVE - Suction regulating (2H3-19)	1	
-7	751 815	W	* FILTER - Regulating valve (B3-5-1)	1	
-8	757 790		* SWITCH - (F7-16-1)	1	
-9	63904-29	A,E	HOSE - Vacuum pump exhaust	1	
	69015-50	B,E	HOSE - Vacuum pump exhaust	1	
-10	63913-55		HOSE - Gyros to regulator valve	1	
-11	63913-71		HOSE - Gyro horizon to suction gauge	2	
-12	63913-42		HOSE - Regulator valve to firewall fitting	1	
-13	63913-64	A	HOSE - Vacuum pump to firewall fitting	1	
	63913-42	B	HOSE - Vacuum pump to firewall fitting	1	
-14	63913-07		HOSE - Gyros to air filter	2	
-15	63913-50		HOSE - Gyro to regulator valve	1	
-16	458 948	W	ELBOW - (1K1-2-4)	1	
-17	451 939	W	ADAPTER - (1K10-4-6)	2	
-18	458 958	W	ELBOW - (1K1-6-10)	1	
-19	558 900	E,W	ELBOW - (1K8-6-8)	1	
-20	460 807		FITTING - (1K22-10-10)	1	
-21	558 912	W	ELBOW - (1K9-4-6)	1	
-22	460 836		FITTING - (1K31-6-4)	1	
-23	451 881	W	ADAPTER - (1K10-2-4)	2	
-24	460 888	W	FILTER ASSEMBLY - Gyro air (66673-00)	1	
-25	757 899	W	* CARTRIDGE - Air filter (D9-18-1)	1	
-26	63900-146	A	SPACER - Air filter	1	
-27	554 985	A	CLAMP - Hose (SAE 11)	1	
	454 837	B	CLAMP - Hose (SAE TY A-7/8)	1	
-28	554 888	W	CLAMP - Hose (GS6)	8	
-29	554 793	A	CLAMP - Hose (SAE TY F-8)	4	
	454 837	B	CLAMP - Hose (SAE TY A-7/8)	4	
-30	554 861	W	CLAMP - Hose (SAE TY F-4)	4	
-31	98592-02	B	SHROUD ASSEMBLY - Regulating valve	1	
-32	555 846	B	CLAMP - (PS10017-23-60)	1	
-33	554 896		CLAMP - (SAE TY A-1 1/2)	2	
-34	63633-162	B	HOSE - Vent	1	

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

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PIPER PARTS CATALOG

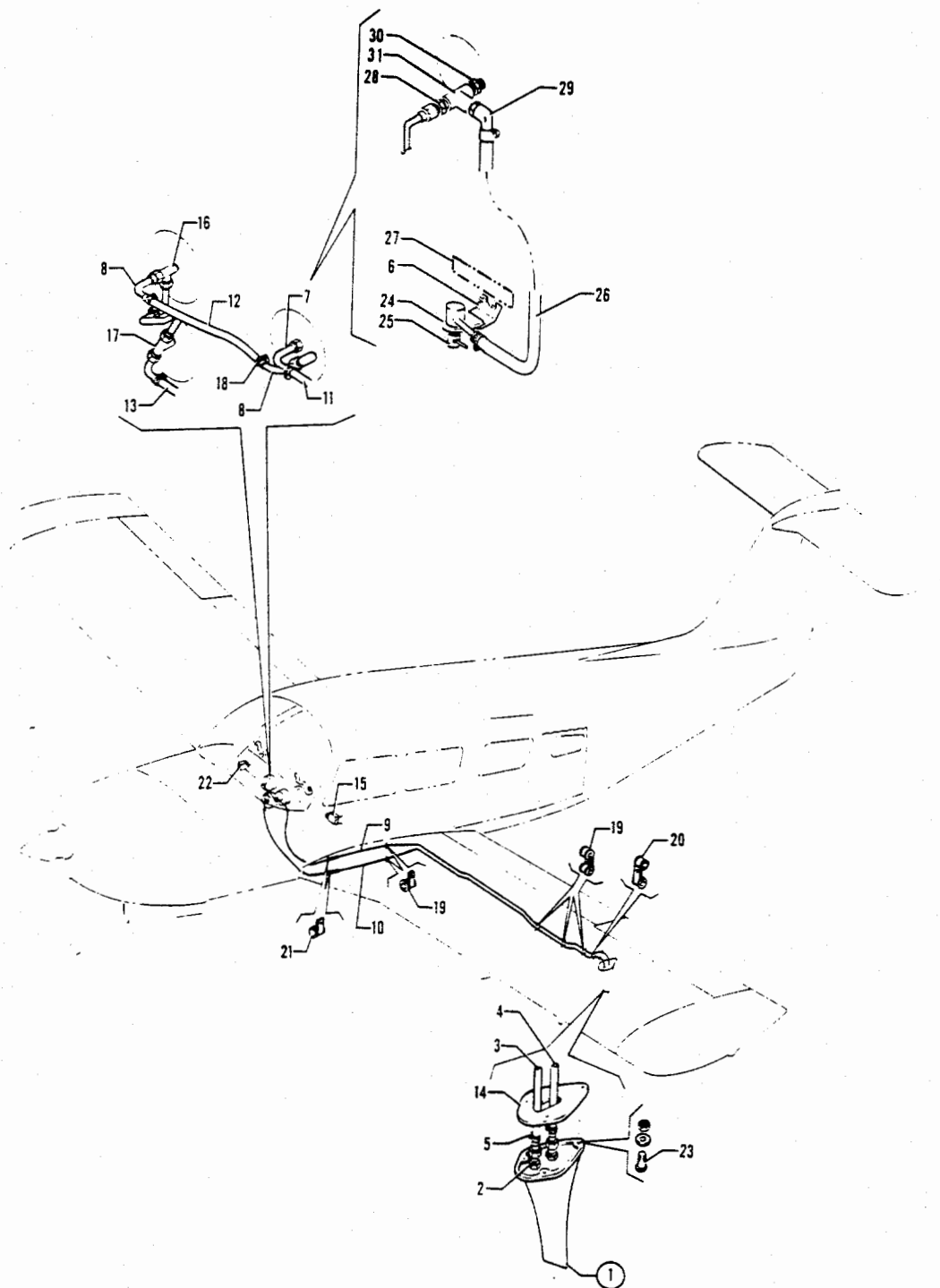


Figure 46. Pitot Static System Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 46

- A - Used if unheated pitot head is installed.
- B - Used if heated pitot head is installed.
- C - Refer to Figure 78 if AltiMatic III C is installed.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
46-	38122		DRAWING - Pitot Static System Installation		
	67477		DRAWING - Heated Pitot Static and Heated Pressure Head Installation		
	67479		DRAWING - Alternate Static System Installation		
-1	65797-05		HEAD ASSEMBLY - Pitot (unheated)	1	
	69041-05		HEAD ASSEMBLY - Pitot (heated)	1	
-2	556 105		* CONNECTOR - (W/H 1068 x 4) Heated pitot head	2	
-3	63913-34		* HOSE - Pitot	1	
-4	63913-37		* HOSE - Static	1	
-5	488 722		* TIE - Cable (MS3367-4-9)	2	
-6	78113-00		CLIP ASSEMBLY - Alternate static valve	1	
-7	63207-00		TUBE ASSEMBLY - Airspeed static	1	
-8	63211-00		TUBE ASSEMBLY - Static	5	
-9	68115-00		TUBE ASSEMBLY - Static	1	
-10	68116-00		TUBE ASSEMBLY - Pitot	1	
-11	63913-32		HOSE - Pitot	1	
-12	63913-56		HOSE - Tube connector	2	
-13	63913-59		HOSE - Static	1	
-14	69042-02		GASKET - Rubber, unheated pitot head	1	
	69042-00		GASKET - Asbestos, heated pitot head	1	
-15	99377-04		SWITCH - Heated pitot	1	
-16	488 310	W	TEE - (AN826-3D)	1	
-17	488 380	W	TEE - (AN825-3D)	1	
-18	554 861	W	CLAMP - (SAE TY F-4)	10	
-19	454 928	W	CLAMP - (PS10017-2-3)	8	
-20	454 929	W	CLAMP - (PS10017-2-4)	2	
-21	454 933	W	CLAMP - (PS10017-2-8)	2	
-22	454 709		CIRCUIT PROTECTOR - Pitot switch and pressure head (1600-041-02008)	1	
-23	415 522	A,W	SCREW - (MS35206-232)	3	
	415 514	B,W	SCREW - (MS35206-234)	3	
	407 562	W	WASHER - (AN960-6)	3	
	494 108	B	WASHER - (PS10063-3)	3	
	404 909	W	NUT - (MS20365-632C)	3	
-24	25290-00	W	BRACKET ASSEMBLY - Alternate air valve	1	
-25	492 100	W	VALVE ASSEMBLY - Alternate air (CCA-7450)	1	
-26	63913-70	C	HOSE - Alternate air	1	
-27	67768-00		PLACARD - Alternate air	1	
-28	476 647	W	NIPPLE - (AN816-3D)	1	
-29	458 948	W	ELBOW - (1K1-2-4)	1	
-30	476 643	W	NIPPLE - (AN911-1D)	1	
-31	488 474	W	TEE - (AN917-1D)	1	

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

PIPER PARTS CATALOG

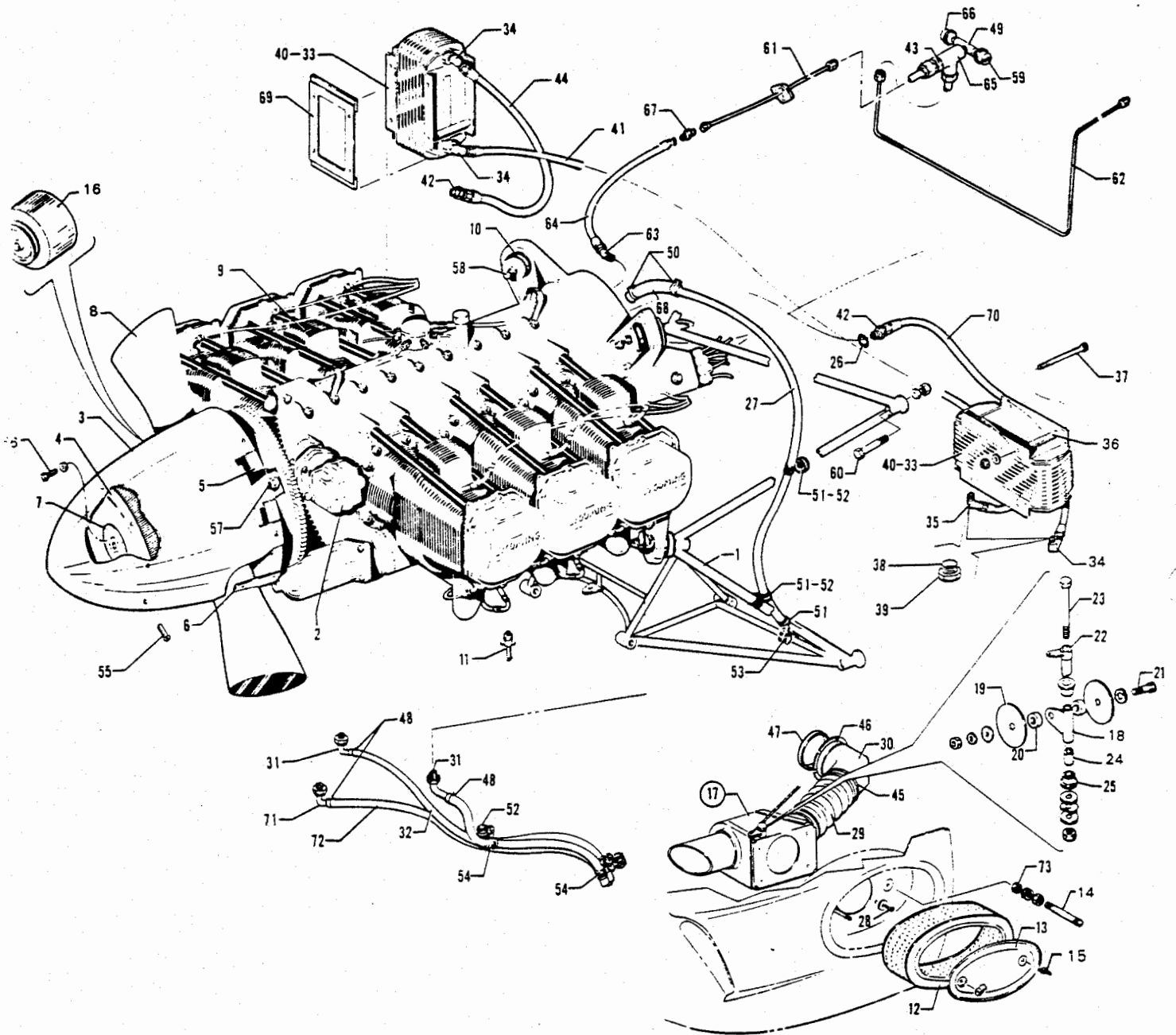


Figure 47. Power Plant Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 47

- A - See Figure 51 for component parts.
- B - Secure from Lycoming Division-Avco Corporation, Williamsport, Penna.
- C - Used if engine hour meter is installed.
- D - Used on airplanes with serial numbers 32R-7885208 and up. Also used on airplanes with serial numbers 32R-7885001 to 32R-7885207 inclusive if Oil Cooler Replacement Kit 763 859v has been installed per Service Bulletin 586B.
- E - Also used on aircraft with serial numbers 32R-7885001 to 32R-7885174 inclusive if Induction Sump Drain Valve Kit 763 887 has been installed per Service letter 864.
- F - Refer to Figure 84 if Radar System is installed.
- G - If less than four mounts are being replaced, ascertain number which is stamped on rubber part of mount and order either 475 131 (J-3804-31) or 470 644 (J-3804-40). If four mounts are being replaced, it is suggested that four of part number 470 644 (J-3804-40) be ordered.
- H - See Figure 73 for component parts if a Chrysler alternator is installed. See Figure 65 if a Prestolite alternator, with air conditioning, is installed.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
47-	38013 38164 38019 38172		DRAWING - Power Plant Installation DRAWING - Propeller Installation DRAWING - Induction System Installation DRAWING - Engine Instruments Lines Installation		
-1	38020-00		MOUNT ASSEMBLY - Engine and nose gear strut	1	
-2	66634-08		GOVERNOR - Propeller	1	
-3	67790-00		SPINNER SHELL - Propeller	1	
-4	67793-00		BULKHEAD ASSEMBLY - Spinner, forward	1	
-5	67791-00		BULKHEAD ASSEMBLY - Spinner, aft	1	
-6	67794-00		CUFF - Spinner	2	
-7	99499-00		PLATE - Spinner	1	
-8	550 937	A	PROPELLER ASSEMBLY - (Hartzell HC-C2YK-1BF/F8475D-4)	1	
-9		B	ENGINE ASSEMBLY - Lycoming IO-540-K1G5D	1	
-10	475 131	G	MOUNTING KIT - Engine (J-3804-31)	4	
-11	61879-02	W	VALVE ASSEMBLY - Oil drain	1	
-12	460 632	W	FILTER - Air (Fram CA161PL)	1	
-13	38019-05		CAP - Air filter	1	
-14	38019-03		STUD	2	
-15	407 584	W	WASHER - (AN960-10L)	2	
	407 104	W	WASHER - Lock (AN935-10)	2	
	477 668		WING NUT - (WC-02)	2	
-16		H	ALTERNATOR INSTALLATION		
-17	38080-00		VALVE BOX ASSEMBLY - Induction air	1	
-18	38080-09		* ARM ASSEMBLY	1	
-19	38080-16		* VALVE DISC	2	
-20	38080-15		* SPACER	2	
-21	401 269	W	* BOLT - (AN3-10A)	1	
	62833-07		* WASHER	2	
	407 043	W	* WASHER - Spring (MS35338-43)	1	
	404 887	W	* NUT - (MS20365-1032C)	1	
-22	38080-12		* CONTROL ASSEMBLY	1	
-23	401 343		* BOLT - (AN4-53)	1	
	407 591	W	* WASHER - (AN960-716L)	1	
	62833-86		* WASHER	1	
	587 384		* WASHER - Spring (3502-22-00)	1	
	404 101	W	* NUT - (AN310-4)	1	
	424 052	W	* COTTER PIN - (MS24665-143)	1	
-24	38080-17		* BUSHING	1	
-25	452 619		* BEARING - (MS17796-58)	2	
-26	479 402		"O" RING - (MS28778-10)	1	
-27	38166-00		TUBE - Oil breather	1	
-28	407 584	W	WASHER - (AN960-10L)	4	
	416 209		SCREW - (AN502-10-10)	4	
-29	99849-08		HOSE - Air duct, flexible	1	
-30	69232-00		ELBOW ASSEMBLY - Engine air filter	1	
-31	24995-00	W	VALVE ASSEMBLY - Automatic fuel drain, left and right	2	
-32	69015-02		HOSE - Automatic fuel drain, left	1	
	63913-26		HOSE - Automatic fuel drain, right	1	
-33	763 859		KIT - Oil cooler replacement	2	32R-7885001 to 32R-7885207 incl.
-34	558 779	D,W	* ELBOW - (C5515 x 8)	2	
-35	458 914	D,W	* ELBOW - (AN837-8D)	1	
-36	86700-07	D	* TUBE - Spacer	4	
-37	400 462	D	* BOLT - (AN3-37A)	4	
	407 564	D,W	* WASHER - (AN960-10)	16	
	407 584	D,W	* WASHER - (AN960-10L)	8	
	404 887	D,W	* NUT - (MS20365-1032C)	4	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
47-38	484 879	D	* "O" RING - (MS28778-8)	2	
-39	477 621	D W	* NUT - (AN924-8D)	2	
-40	556 391		COOLER ASSEMBLY - Oil (8543897)	2	32R-7885208 and up
-41	63901-98		HOSE ASSEMBLY - Oil cooler	1	
-42	79869-02		REDUCER	2	
-43	477 629	W	NUT - (AN924-4)	1	
	407 591	W	WASHER - (AN960-716L)	1	
-44	63901-100		HOSE ASSEMBLY - Oil cooler to filter	1	
-45	554 883		CLAMP - (SAE TY A-4 1/16)	2	
-46	555 846		CLAMP - (PS10017-23-60)	1	
-47	69231-00		SPACER	1	
-48	454 806	W	CLAMP - (SAE TY E-7)	3	
-49	588 469	C.F	TEE - (1 8 MMS-S)	1	
-50	554 701	W	CLAMP - (SAE TY F-16)	2	
-51	554 775	W	CLAMP - (PS10017-2-15)	3	
-52	454 868	W	CLAMP - (PS10017-2-12)	3	
-53	454 935	W	CLAMP - (PS10017-2-10)	2	
-54	554 881	W	CLAMP - (PS10017-6-5)	4	
-55	415 379	W	SCREW - (MS51958-63)	28	
	494 227		WASHER - Fiber (PS10063-2)	28	
-56	401 301		BOLT - (AN4H-3A)	4	
	407 565	W	WASHER - (AN960-416)	AR	
-57	401 310	W	BOLT - (AN4-10A)	12	
	407 585	W	WASHER - (AN960-416L)	12	
	401 888	W	NUT - (MS20365-428C)	12	
-58	401 521		BOLT - (AN7-27A)	4	
	407 568	W	WASHER - (AN960-716)	8	
	404 891	W	NUT - (MS20365-720C)	4	
-59	587 990	C	SWITCH - (M-4006-4)	1	
-60	401 405	W	BOLT - (AN6-25A)	5	
	407 567	W	WASHER - (AN960-616)	AR	
	477 887		NUT - (PS10062-8-624C)	5	
-61	67700-82		TUBE ASSEMBLY - Oil pressure gauge	1	
-62	67700-81		TUBE ASSEMBLY - Oil pressure gauge	1	
-63	68778-00		FITTING	1	
-64	63901-52		HOSE ASSEMBLY - Oil pressure	1	
-65	79038-00		FITTING - Bulkhead tee	1	
-66	587 961		SWITCH - Oil pressure (M-4011-35)	1	
-67	491 055	W	UNION - (AN815-4)	1	
-68	63913-133		HOSE - Oil breather	1	
-69	38155-00		SEAL ASSEMBLY - Oil cooler	2	
-70	63901-99		HOSE ASSEMBLY - Engine to oil cooler	1	
-71	24995-00	E.W	VALVE ASSEMBLY - Automatic fuel drain, center	1	32R-7885175 and up
-72	69015-04	E	HOSE - Automatic fuel drain, center	1	32R-7885175 and up
-73	407 800	W	WASHER - (AN970-3)	4	
	404 887	W	NUT - (MS20365-1032C)	2	
	404 224	W	NUT - (AN315-3R)	2	

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

--- **PIPER PARTS CATALOG** ---

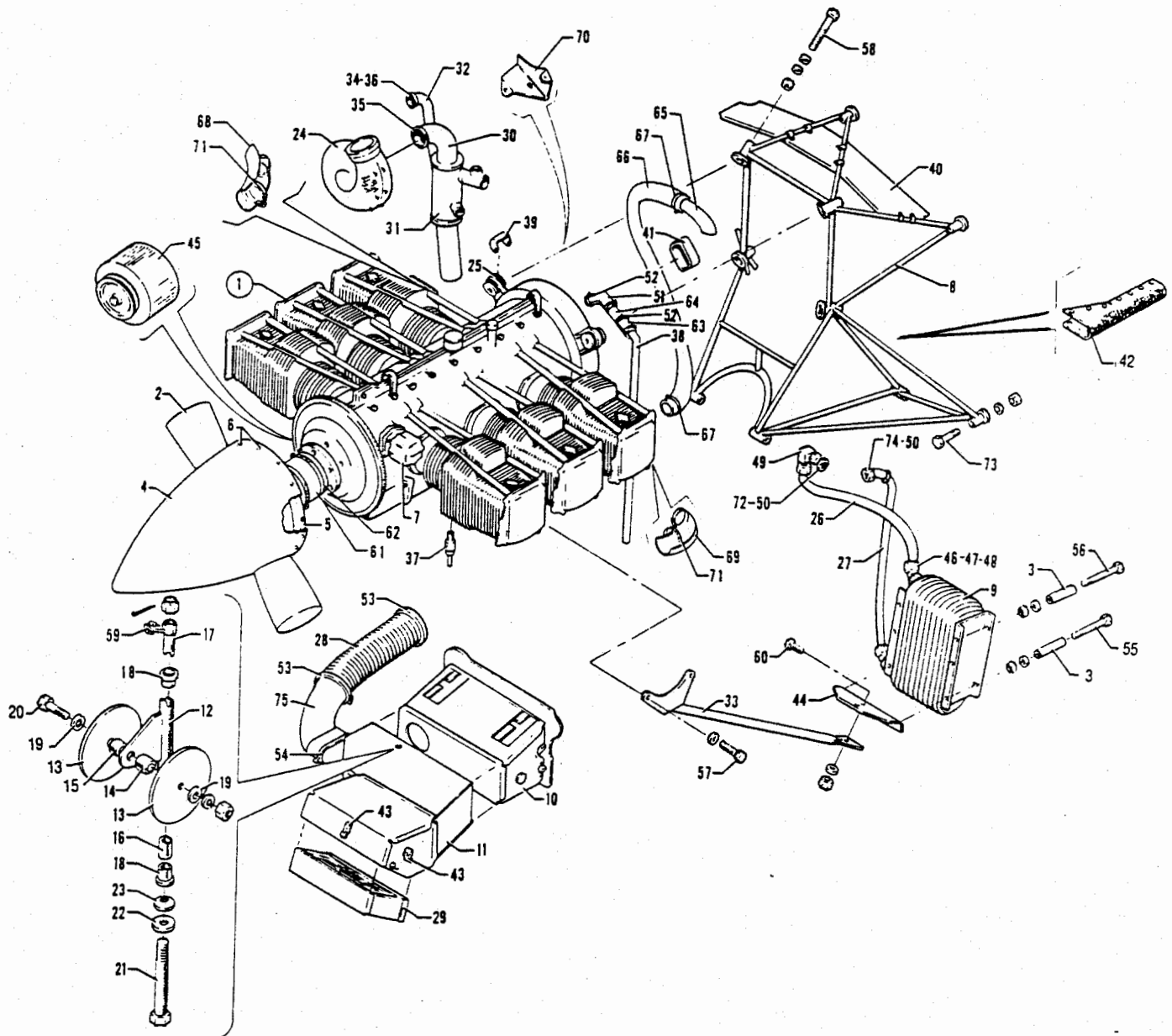


Figure 47A. Power Plant Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 47A

- A - Secure from Lycoming Division-Avco Corporation, Williamsport, Penna.
- B - See Figure 51A for component parts.
- C - See Figure 73 for component parts if a Chrysler alternator is installed. See Figure 65 if a Prestolite alternator, with air conditioning, is installed.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
47A-	98590		DRAWING - Power Plant Installation		
	98521		DRAWING - Propeller and Spinner Installation		
	98550		DRAWING - Induction System Installation		
	98576		DRAWING - Tail Pipe Installation		
-1		A	ENGINE ASSEMBLY - Lycoming (TIO-540-S1AD)	1	
-2	550 983	B	PROPELLER ASSEMBLY - Hartzell (HC-E2YR-1) (JF-F8477-4)	1	
-3	98524-02		TUBE - Spacer	6	
-4	98708-03		DOMES - Spinner (C-3532-12)	1	
-5	98708-04		BULKHEAD - (C-2299-1)	1	
-6	417 694		SCREW - (AN526-C1032R8)	16	
	756 669	W	WASHER - Fiber (A-1020)	16	
-7	66634-08		GOVERNOR - Propeller	1	
-8	38020-00		MOUNT ASSEMBLY - Engine and nose gear strut	1	
-9	41635-00	W	COOLER ASSEMBLY - Oil	1	
-10	98634-03		BOX ASSEMBLY - Nose gear	1	
-11	98551-02		BOX ASSEMBLY - Induction air	1	
-12	98551-21		* ARM ASSEMBLY - Flapper valve	1	
-13	98551-20		* VALVE - Induction air box	2	
-14	98551-24		* SPACER - Induction air box	1	
-15	38080-15		* SPACER - Induction air box	1	
-16	38080-17		* BUSHING - Induction air box	1	
-17	98552-02		* CONTROL ASSEMBLY - Induction air box	1	
-18	452 619		* BEARING - (MS17796-58)	2	
-19	63833-07		* WASHER - Induction air box	2	
-20	400 443	W	* BOLT - (AN3-12A)	1	
	407 043	W	* WASHER - (MS35338-43)	1	
	404 887	W	* NUT - (MS20365-1032C)	1	
-21	400 140		* BOLT - (AN4-66)	1	
	404 101	W	* NUT - (AN310-4)	1	
	424 036	W	* COTTER PIN - (MS24665-155)	1	
-22	62833-87		* WASHER - Induction air box (teflon)	1	
-23	587 384		* WASHER - Spring (3502-22-00)	1	
-24	452 907	W	BLANKET - Insulation, turbocharger housing, lower half (4-652568-3)	1	
	452 908	W	BLANKET - Insulation, turbocharger housing, upper rear (4-652568-5)	1	
	452 982		BLANKET - Insulation, turbocharger housing, upper forward (4-652568-9)	1	
-25	470 979		MOUNTING KIT - Engine, lower (J-3804-37)	2	
	470 983		MOUNTING KIT - Engine, upper (J-3804-39)	2	
-26	63901-26		HOSE ASSEMBLY - Oil cooler to engine oil inlet	1	
-27	63901-91		HOSE ASSEMBLY - Engine oil outlet to cooler	1	
-28	99849-18		HOSE	1	
-29	460 817	W	FILTER - Induction air (P10-6590)	1	
-30	98705-00		TAIL PIPE ASSEMBLY - Complete (EL025360-003)	1	
-31	762 447		* SHROUD - Tail pipe (EL025360-100)	1	
-32	764 501		* ELBOW - Tailpipe (EL025360-122)	1	
-33	98587-03		SUPPORT ASSEMBLY - Oil cooler	1	
-34	556 107		COUPLING - (MVT691B3-200)	1	
-35	556 108		COUPLING - (MVT69861-377)	1	
-36	462 090		GASKET - (17189-200-N)	1	
-37	61879-02	W	VALVE ASSEMBLY - Oil drain	1	
-38	98586-02		TUBE - Oil breather	1	
-39	98608-02		HEAT SHIELD ASSEMBLY - Engine mount	2	
-40	98676-03		HEAT SHIELD ASSEMBLY	1	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
47A-41	98691-02		HEAT SHIELD - Magneto	1	
-42	38472-02		COVER ASSEMBLY - Electrical harness	1	
-43	98556-03		BRACKET ASSEMBLY - Air filter attachment	3	
-44	98587-06		BRACKET - Oil cooler support	1	
-45		C	ALTERNATOR INSTALLATION		
-46	458 914	W	ELBOW - (AN837-8D)	2	
-47	477 621	W	NUT - (AN924-8D)	2	
-48	462 031	W	GASKET - (AN6290-8)	2	
-49	558 898	W	ELBOW - 90 (RASC-2000-8)	1	
-50	484 677		GASKET - (MS29512-10)	2	
-51	21459-00	W	ELBOW - Breather tube	1	
-52	554 701	W	CLAMP - (SAE TYF-16)	4	
-53	554 792	W	CLAMP - (SAE TY A-4 3/16)	2	
-54	98555-02		CLAMP ASSEMBLY - Air induction duct	2	
-55	400 463	W	BOLT - (AN3-40A)	2	
	407 564	W	WASHER - (AN960-10)	4	
	404 887	W	NUT - (MS20365-1032C)	2	
-56	400 463	W	BOLT - (AN3-40A)	4	
	407 564	W	WASHER - (AN960-10)	12	
	404 887	W	NUT - (MS20365-1032C)	4	
-57	401 918	W	BOLT - (MS20074-04-03)	2	
	407 565	W	WASHER - (AN960-416)	2	
-58	401 521		BOLT - (AN7-27A)	4	
	407 568	W	WASHER - (AN960-716)	8	
	404 891	W	NUT - (MS20365-720C)	4	
-59	70371-02	W	FITTING - Swivel	1	
	70371-03	W	STUD - Swivel fitting	1	
	81342-18		WASHER - Swivel fitting	1	
	407 585	W	WASHER - (AN960-416L)	1	
	404 392	W	NUT - (AN320-3)	1	
	424 051	W	COTTER PIN - (MS24665-132)	1	
-60	400 437	W	BOLT - (AN3-3A)	2	
	407 564	W	WASHER - (AN960-10)	2	
	404 835	W	NUT - (MS20364-1032C)	2	
-61	98710-02		RING - Propeller hub	1	
-62	98711-02		CLAMP - Propeller hub ring	2	
-63	63913-30		HOSE	1	
-64	98586-03		TUBE - Breather	1	
-65	98715-02		TUBE ASSEMBLY	1	
-66	63633-179		HOSE	1	
-67	554 839		CLAMP - (SAE TY A-1 1/2)	2	
-68	38469-02		SHIELD ASSEMBLY - Heat, right	1	
-69	38470-02		SHIELD ASSEMBLY - Heat, left	1	
-70	38471-02		SHROUD - Oil pressure line	1	
-71	454 818	W	CLAMP - (SAE TY F-32)	4	
-72	79869-02		REDUCER	1	
-73	401 405	W	BOLT - (AN6-25A)	AR	
	407 567	W	WASHER - (AN960-616)	5	
	477 887		NUT - (PS10062-8-624C)	5	
-74	484 140		REDUCER - (AN919-15)	1	
-75	98554-02		DUCT ASSEMBLY - Induction air	1	

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

--- **PIPER PARTS CATALOG** ---

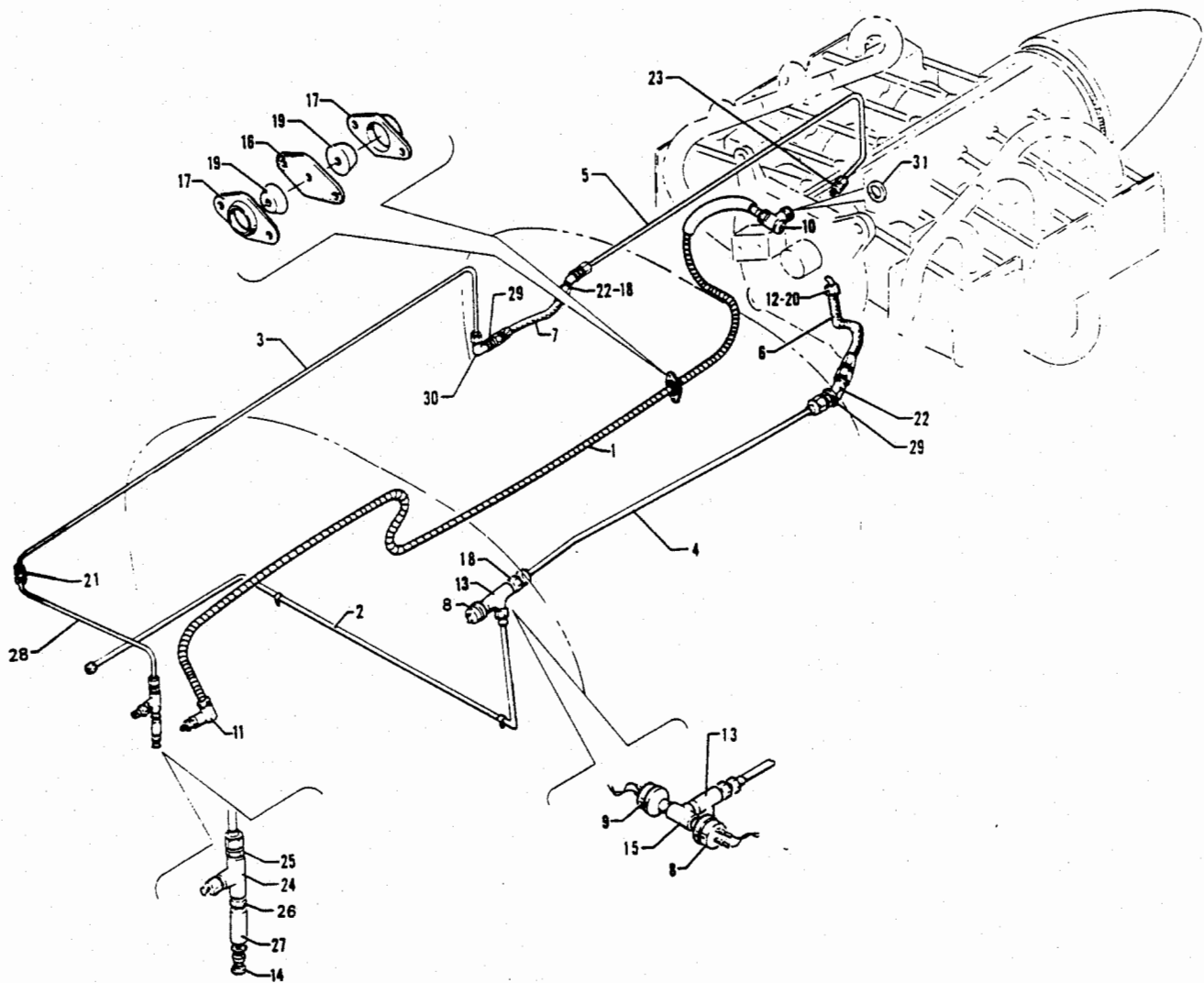


Figure 47B. Engine Instrument Lines Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 47B

- A - Used if engine hour meter is installed.
- B - Refer to Figure 84 if Radar System is installed.
- C - Used on aircraft with serial numbers 32R-7887001 to 32R-7987121, 32R-7987123 and 32R-7987124. If Engine Tach Cable Rerouting Kit 763 916 has been installed, adapter and angle drive are not required.
- D - Used on aircraft with serial numbers 32R-7887001 to 32R-7987121, 32R-7987123 and 32R-7987124. If Engine Tach Cable Rerouting Kit 763 916 has already been installed, order tachometer shaft listed for serial numbers 32R-7987122, 32R-7987125 and up.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
47B-	98596		DRAWING - Engine Instrument Lines Installation		
-1	763 916	D	KIT - Engine tachometer shaft rerouting	1	
	38462-02		SHAFT ASSEMBLY - Tachometer (88" long)	1	32R-7987122, 32R-7987125 and up
-2	67700-81		TUBE ASSEMBLY - Oil pressure gauge	1	
-3	67700-191		TUBE ASSEMBLY - Manifold pressure	1	
-4	67700-179		TUBE ASSEMBLY - Oil pressure gauge	1	
-5	67700-197		TUBE ASSEMBLY - Manifold pressure	1	
-6	63901-129		HOSE ASSEMBLY - Oil pressure	1	
-7	63901-106		HOSE ASSEMBLY - Manifold pressure	1	
-8	587 961		SWITCH - Oil pressure (M-4011-35)	1	
-9	587 990	A	SWITCH - (M-4006-4)	1	
-10	98709-02	C	ADAPTER - Tachometer drive	1	
-11	451 910	C	ANGLE DRIVE - Reverser (411335)	1	
-12	98577-02		FITTING - Restricted	1	
-13	79038-00		FITTING - Bulkhead	1	
-14	492 241		VALVE - (PS50036-2-2)	1	
-15	588 469	A.B	TEE - (1 8 MMS-S)	1	
-16	22105-05		GASKET	1	
-17	66789-00		PLATE	2	
-18	407 591	W	WASHER - (AN960-716L)	1	
	477 629	W	NUT - (AN924-4)	1	
-19	68770-18		GROMMET	2	
-20	462 030		GASKET - (AN900-10)	1	
-21	491 055	W	UNION - (AN815-4)	1	
-22	458 938	W	ELBOW - (AN837-4 45°)	2	
-23	476 686		NIPPLE - (AN816-4)	1	
-24	488 474	W	TEE - (AN917-1D)	1	
-25	476 648	W	NIPPLE - (AN816-4D)	1	
-26	476 643	W	NIPPLE - (AN911-1D)	1	
-27	455 173	W	COUPLING - (AN910-1D)	1	
-28	67700-192		TUBE ASSEMBLY - Manifold pressure	1	
-29	407 568	W	WASHER - (AN960-716)	6	
	477 629	W	NUT - (AN924-4)	3	
-30	458 847	W	ELBOW - (AN833-4)	1	
-31	85012-14		WASHER - Tachometer shaft	1	

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

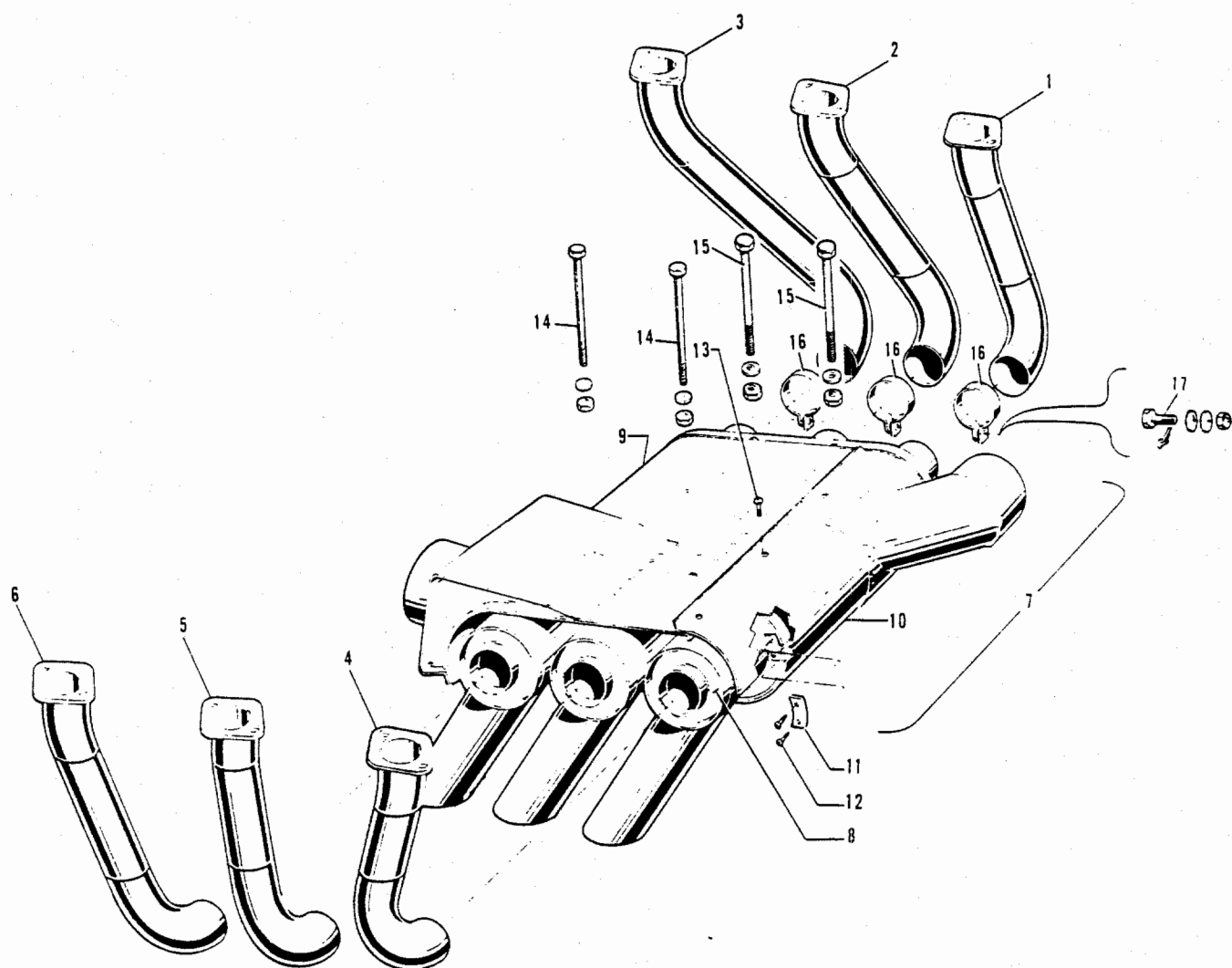


Figure 48. Engine Exhaust System Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 48

W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
48-	38137		DRAWING - Exhaust System Installation		
-1	38137-04		STACK ASSEMBLY - Left front	1	
-2	38137-03		STACK ASSEMBLY - Left center	1	
-3	38137-02		STACK ASSEMBLY - Left rear	1	
-4	38137-05		STACK ASSEMBLY - Right front	1	
-5	38137-06		STACK ASSEMBLY - Right center	1	
-6	38137-07		STACK ASSEMBLY - Right rear	1	
-7	38146-02		MUFFLER ASSEMBLY - Complete	1	
-8	67517-00		MUFFLER ASSEMBLY	3	
-9	38159-02		SHROUD ASSEMBLY - Muffler, top	1	
-10	38162-06		SHROUD ASSEMBLY - Muffler, bottom	1	
-11	67652-00		TAB - Muffler	4	
-12	419 932		SCREW - (4 x 1/2 Type "A")	8	
-13	415 493	W	SCREW - (MS35206-228)	7	
-14	400 466	W	BOLT - (AN3-43A)	2	
	407 584	W	WASHER - (AN960-10L)	4	
	404 835	W	NUT - (MS20364-1032C)	2	
-15	400 466	W	BOLT - (AN3-43A)	2	
	407 584	W	WASHER - (AN960-10L)	4	
	404 835	W	NUT - (MS20364-1032C)	2	
-16	63243-02		CLAMP - Exhaust stack	3	
-17	400 103	W	BOLT - (AN4-6)	3	
	407 565	W	WASHER - (AN960-416)	6	
	404 101	W	NUT - (AN310-4)	3	
	424 051	W	COTTER PIN - (MS24665-132)	3	

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

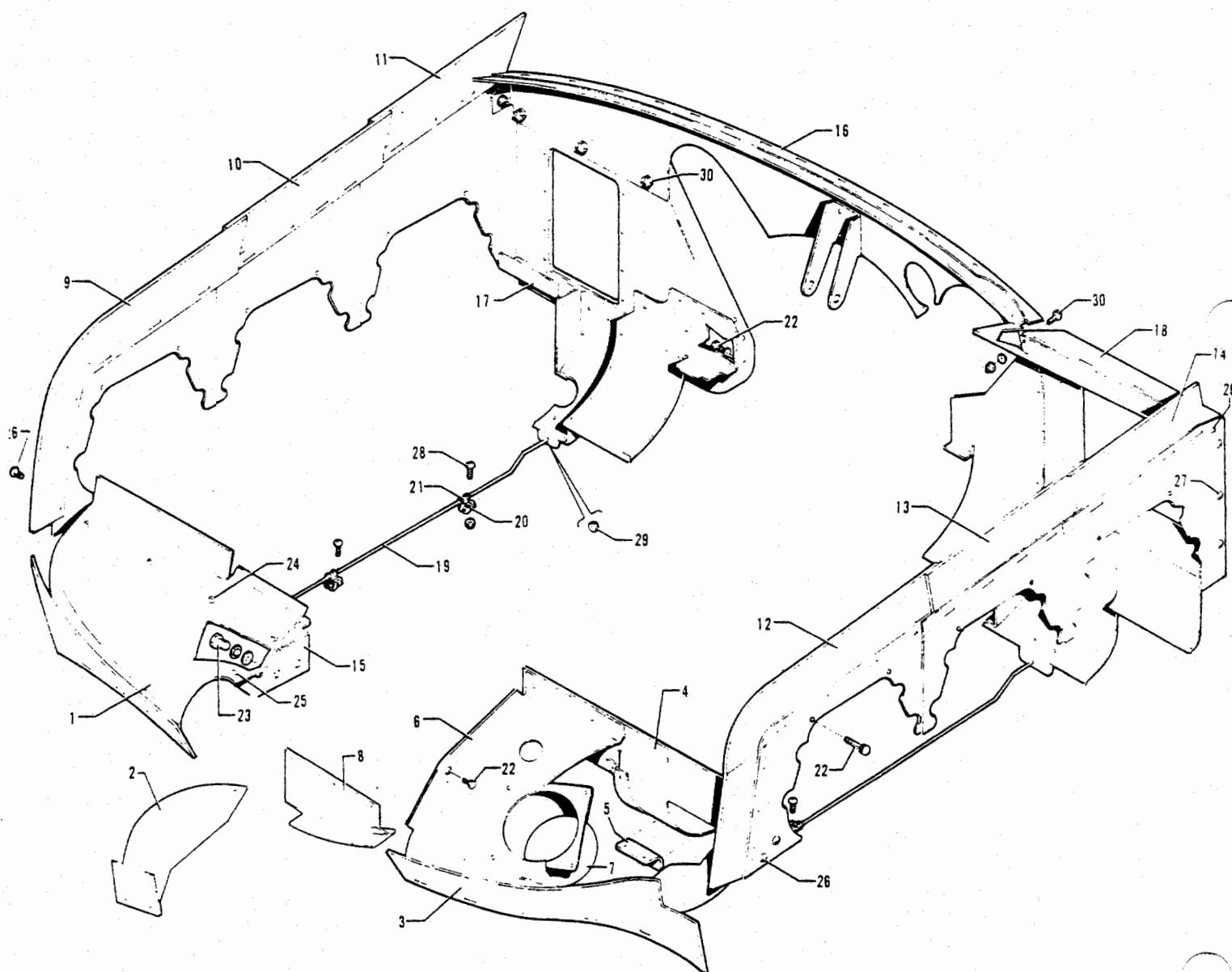


Figure 49. Engine Baffle Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 49

W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
49-	68034		DRAWING - Engine Baffle Installation		
-1	99778-00		FAIRING ASSEMBLY - Right front baffle	1	
-2	99776-00		* COVER ASSEMBLY - Right front baffle	1	
-3	99766-00		BAFFLE ASSEMBLY - Engine left front, complete	1	
-4	68054-00		* BAFFLE - Left front	1	
-5	65032-00		* CLIP - Baffle	1	
-6	99768-00		* FAIRING - Left front baffle	1	
-7	99767-00		* TAKE-OFF ASSEMBLY - Left front baffle	1	
-8	99769-00		* COVER ASSEMBLY - Left front baffle fairing	1	
-9	68835-00		BAFFLE ASSEMBLY - Right side front	1	
-10	68834-00		BAFFLE ASSEMBLY - Right side center	1	
-11	68833-05		BAFFLE ASSEMBLY - Right side rear	1	
-12	68832-00		BAFFLE ASSEMBLY - Left side front	1	
-13	68831-00		BAFFLE ASSEMBLY - Left side center	1	
-14	68830-00		BAFFLE ASSEMBLY - Left side rear	1	
-15	99781-00		BAFFLE ASSEMBLY - Engine, right front	1	
-16	68031-07		BAFFLE ASSEMBLY - Engine, rear center	1	
-17	68030-10		BAFFLE ASSEMBLY - Engine, right rear	1	
-18	68029-09		BAFFLE ASSEMBLY - Engine, left rear	1	
-19	65103-02		ROD - Baffle tie	2	
-20	454 930	W	CLAMP - (PS10017-2-6)	3	
-21	454 927	W	CLAMP - (PS10017-2-2)	3	
-22	418 420	W	SCREW - Cap (1/4-20NC3 x 1.2L)	12	
	407 136	W	WASHER - (AN936-A416)	12	
	407 565	W	WASHER - (AN960-416)	12	
-23	418 942		CAP SCREW - (3/8-16NC3 x 3.4L)	1	
	407 567	W	WASHER - (AN960-616)	1	
	407 138	W	WASHER - (AN936-A616)	1	
-24	415 447	W	SCREW - (AN526-832R7)	4	
	477 672		NUT - (MU832-38-.025-.050-L-F10)	4	
-25	415 447	W	SCREW - (AN526-832R7)	1	
	477 673		NUT - (MU832-38-.050-.075-L-F10)	1	
-26	415 448	W	SCREW - (AN526-832R6)	5	
	407 583	W	WASHER - (AN960-8L)	5	
	404 833	W	NUT - (MS20364-832C)	5	
-27	415 448	W	SCREW - (AN526-832R6)	3	
	407 583	W	WASHER - (AN960-8L)	3	
-28	417 772		SCREW - (AN520-10R7)	3	
	404 835	W	NUT - (MS20364-1032C)	3	
-29	404 829	W	NUT - (MS20364-632C)	4	
-30	416 995	W	SCREW - (AN526-1032R8)	9	
	407 564	W	WASHER - (AN960-10)	9	
	404 835	W	NUT - (MS20364-1032C)	9	

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

PIPER PARTS CATALOG

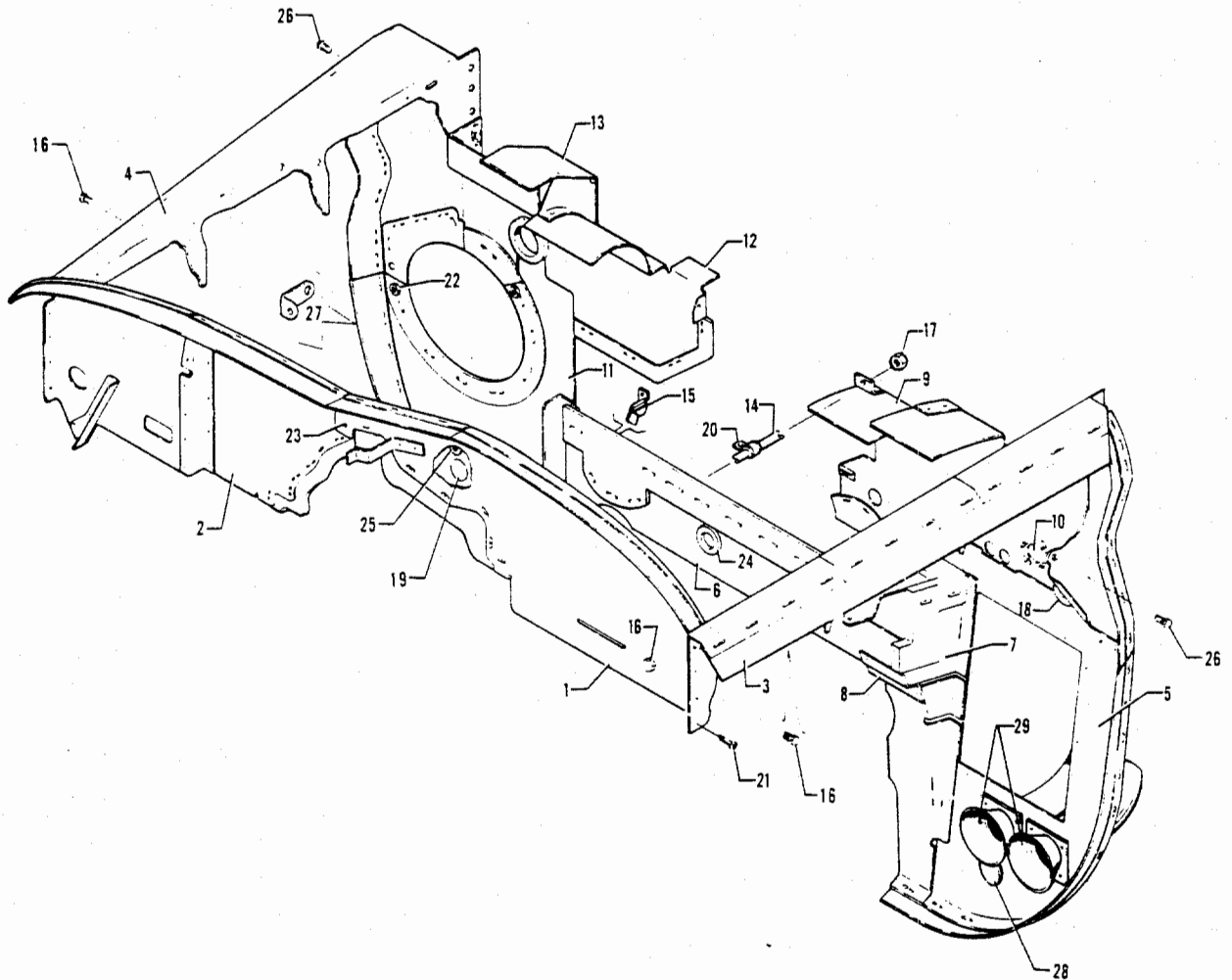


Figure 49A. Engine Baffle Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 49A

W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
49A-	98567		DRAWING - Engine Baffle Installation		
-1	98619-02		BAFFLE ASSEMBLY - Left front	1	
-2	98667-02		BAFFLE ASSEMBLY - Right front	1	
-3	98617-02		BAFFLE ASSEMBLY - Left side	1	
-4	98566-02		BAFFLE ASSEMBLY - Right side	1	
-5	98668-02		BAFFLE ASSEMBLY - Left rear	1	
-6	98616-03		BAFFLE ASSEMBLY - Left rear, center	1	
-7	98616-04		BAFFLE ASSEMBLY - Left rear	1	
-8	98616-07		SUPPORT - Baffle, left	1	
-9	98666-02		BAFFLE ASSEMBLY - Left rear, top	1	
-10	98654-02		* TAKEOFF - Air, left	1	
-11	98565-02		BAFFLE ASSEMBLY - Right rear, bottom	1	
-12	98565-03		BAFFLE ASSEMBLY - Right rear, top	1	
-13	98565-21		BAFFLE ASSEMBLY - Right rear, top	1	
-14	38466-02		ROD - Baffle tie	2	
-15	98683-02		PLATE ASSEMBLY - Baffle seal	1	
-16	418 419	W	SCREW - Cap (1/4-20 UNC-2A x 1/2 L.)	13	
	408 832		WASHER - (1214-00-00-0551)	13	
	407 565	W	WASHER - (AN960-416)	13	
-17	404 909	W	NUT - (MS20365-632C)	4	
-18	434 150		GROMMET - (MS35489-17S)	1	
-19	553 683		PLUG BUTTON - (SS51149)	1	
-20	454 927	W	CLAMP - (PS10017-2-2)	2	
-21	415 535	W	SCREW - (MS35206-245)	32	
	407 563	W	WASHER - (AN960-8)	32	
-22	415 535	W	SCREW - (MS35206-245)	2	
	407 563	W	WASHER - (AN960-8)	2	
	404 910	W	NUT - (MS20365-832C)	2	
-23	415 535	W	SCREW - (MS35206-245)	7	
	404 910	W	NUT - (MS20365-832C)	7	
-24	434 183		GROMMET - (MS35489-18S)	1	
-25	434 124		GROMMET - (MS35489-7)	1	
-26	418 345		SCREW - Cap (1/4-20 UNC-2A x 1 1/4 L.)	5	
	408 832		WASHER - (1214-00-00-0551)	5	
	407 565	W	WASHER - (AN960-416)	5	
	404 599		NUT - (AN340-416)	5	
-27	38459-02		BRACKET - Air induction tube	1	
-28	553 681		PLUG BUTTON - (SS51058)	1	
-29	98659-02		TUBE ASSEMBLY - Accessory cooling	2	

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

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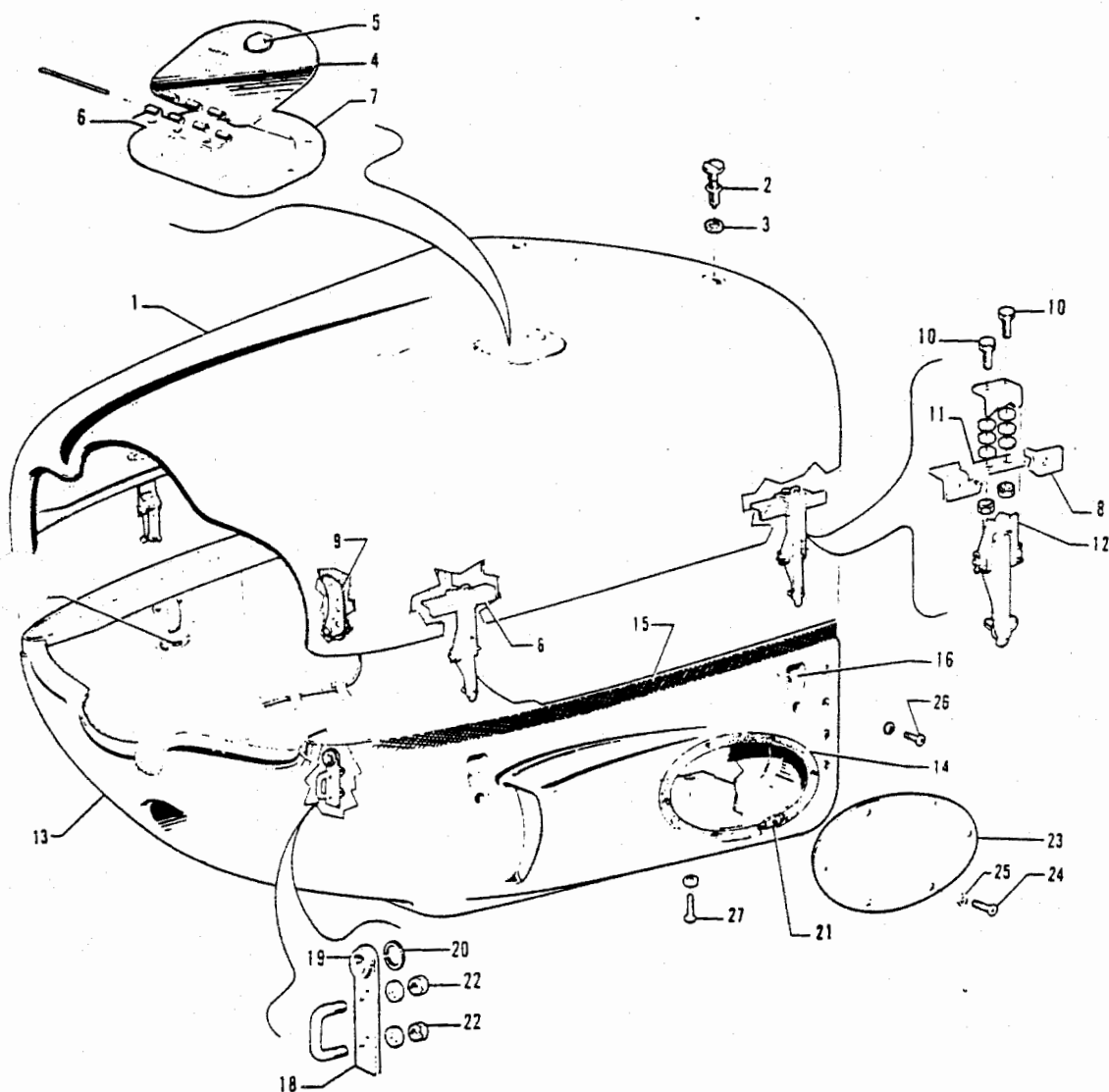


Figure 50 Engine Cowl Assembly

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 50

W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
50-	38029		DRAWING - Engine Cowl Assembly and Installation		
-1	68780-04		COWL ASSEMBLY - Engine top with fasteners	1	
-2	26246-00	W	* STUD - Cowl top	2	
-3	494 060	W	* WASHER - (2600 LW)	2	
-4	99096-00		* DOOR ASSEMBLY - Oil filler	1	
-5	472 017	W	* * LATCH - Oil filler door (KM610-32)	1	
-6	65291-03		* * HINGE ASSEMBLY - Oil filler door	1	
-7	99094-02		* PLATE ASSEMBLY - Reinforcement, oil access	1	
-8	69809-00		* ANGLE - Cowl latch support, left	2	
	69809-01		* ANGLE - Cowl latch support, right	2	
-9	65148-00		* PLATE ASSEMBLY - Cowl pin, left	1	
	65148-01		* PLATE ASSEMBLY - Cowl pin, right	1	
-10	401 266	W	* BOLT - (AN3-5A)	8	
	407 564	W	* WASHER - (AN960-10)	32	
	404 835	W	* NUT - (MS20364-1032C)	8	
-11	79469-00		* PLATE - Cowl	4	
-12	69917-00		* FASTENER ASSEMBLY - Cowl	4	
-13	38086-00		COWL ASSEMBLY - Bottom	1	
-14	38086-14		* SEAL - Air filter box	1	
-15	65070-05		* WEBBING - Cowl bottom	2	
-16	65889-00		* CUP ASSEMBLY - Cowl fastener	4	
-17	484 483		* RECEPTACLE - (PS10077-1-62)	4	
-18	69791-00		* PLATE ASSEMBLY - Cowl	2	
-19	69790-00		* * BUSHING - Cowl plate assembly	1	
-20	484 840		* * RING - Retaining (5100-55)	1	
-21	484 305		* RECEPTACLE - "Camloc" (212-12)	6	
-22	404 836	W	* NUT - (MS20364-428C)	4	
	62833-28		* WASHER	4	
-23	38019-08		COVER - Air filter	1	
-24	487 707	W	* STUD ASSEMBLY - "Camloc" (2600-6)	6	
-25	494 060	W	* WASHER - (2600-LW)	6	
-26	411 532	W	SCREW - (MS35207-263)	10	
	407 564	W	WASHER - (AN960-10)	10	
-27	416 785		SCREW - (MS24693-S272)	14	
	494 037	W	WASHER - (PS10092-1-3C)	14	

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

--- **PIPER PARTS CATALOG** ---

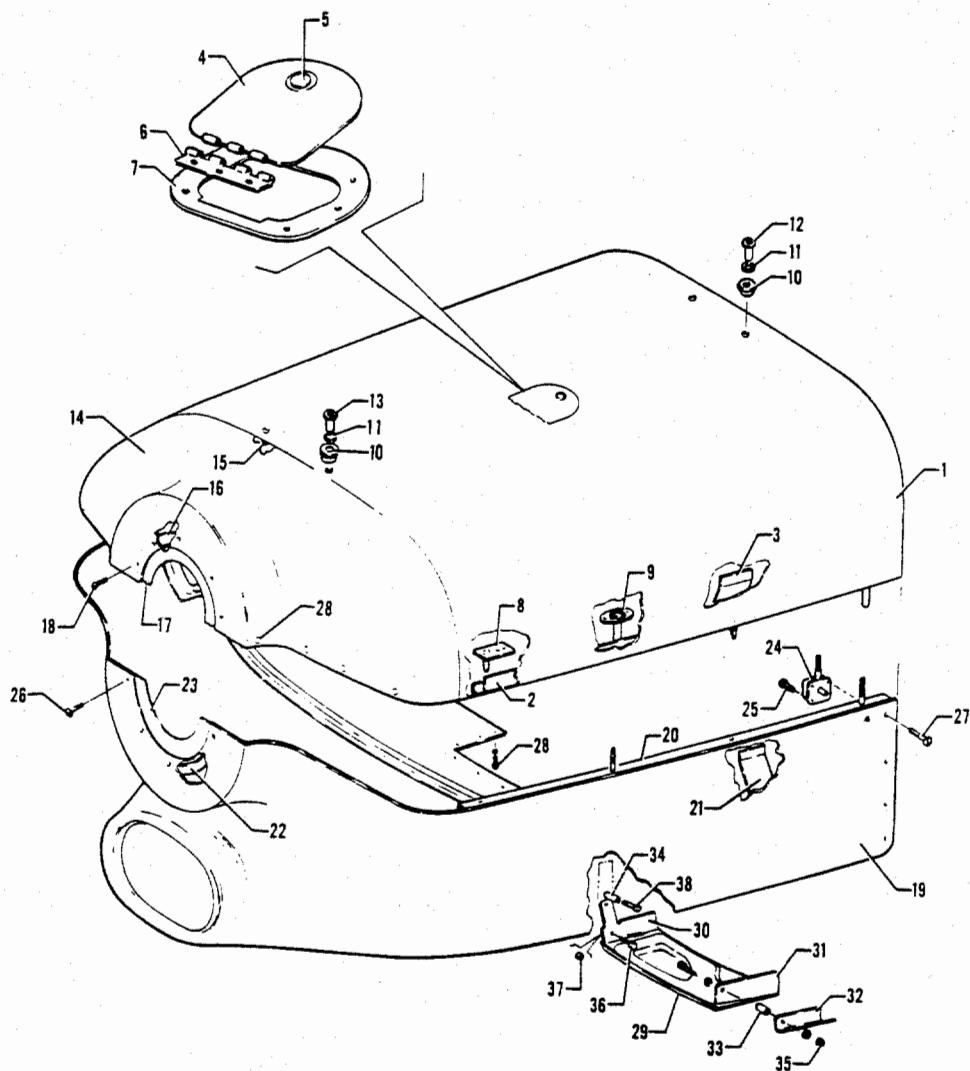


Figure 50A. Engine Cowl Assembly

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 50A

W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
50A-	98560 98635		DRAWING - Engine Cowl Installation DRAWING - Cowl Flap Installation		
-1	98561-02		COWL ASSEMBLY - Engine top, aft	1	
-2	98561-05		* CHANNEL - Cowl	2	
-3	98561-07		* COVER	2	
-4	99096-00		* DOOR ASSEMBLY - Oil filler	1	
-5	472 017	W	* * LATCH - Oil filler door (KM610-32)	1	
-6	65291-03		* * HINGE ASSEMBLY - Oil filler door	1	
-7	99094-02		* PLATE ASSEMBLY - Reinforcement	1	
-8	98536-02		* PIN ASSEMBLY - Cowl retainer	4	
-9	453 198		* EYE BOLT - (H897-1)	4	
-10	463 456		* GROMMET - (4002-N3)	4	
-11	484 755		* SNAP RING - Grommet (R4G)	4	
-12	587 660		* STUD - (4002-14)	2	
-13	587 676		* STUD - (4002-12)	2	
-14	98562-02		COWL ASSEMBLY - Engine top, forward	1	
-15	484 310		* RECEPTACLE - Cowl retainer (244-16)	2	
-16	98562-11		* RETAINER - Top cowl, forward	1	
-17	98562-12		* SEAL - Top cowl, forward	1	
-18	415 520	W	* SCREW - (MS35206-230)	5	
	407 582		* WASHER - (AN960-6L)	10	
	404 909	W	* NUT - (MS20365-632C)	5	
-19	98563-02		COWL ASSEMBLY - Engine bottom	1	
-20	98563-55		* CHANNEL - Cowl, left	1	
	98563-56		* CHANNEL - Cowl, right	1	
-21	98563-16		* COVER	2	
-22	98563-19		* RETAINER - Bottom cowl, forward	1	
-23	98563-29		* SEAL - Bottom cowl, forward	1	
-24	565 251		* LATCH ASSEMBLY - (H767-K868)	4	
-25	401 266	W	* BOLT - (AN3-4A)	16	
	407 584	W	* WASHER - (AN960-10L)	16	
	404 835	W	* NUT - (MS20364-1032C)	16	
-26	415 520	W	* SCREW - (MS35206-230)	5	
	407 582		* WASHER - (AN960-6L)	10	
	404 909	W	* NUT - (MS20365-632C)	5	
-27	410 040	W	SCREW - (MS24694-S52)	9	
	494 087	W	WASHER - (A3235-020-1)	9	
-28	410 039	W	SCREW - (MS24694-S51)	18	
	494 037	W	WASHER - (PS10092-1-3C)	18	
-29	98517-12		FLAP ASSEMBLY - Cowl, left	1	
	98517-13		FLAP ASSEMBLY - Cowl, right	1	
-30	98517-08		* LEVER - Flap, inboard, left	1	
	98517-09		* LEVER - Flap, inboard, right	1	
-31	98517-10		* ANGLE - Cowl flap attachment, left	1	
	98517-11		* ANGLE - Cowl flap attachment, right	1	
-32	98541-02		BRACKET ASSEMBLY - Cowl flap hinge, left	1	
	98541-03		BRACKET ASSEMBLY - Cowl flap hinge, right	1	
-33	98646-02		BUSHING - Cowl flap hinge, outboard	2	
-34	98646-03		BUSHING - Cowl flap step, inboard	2	
-35	400 440	W	BOLT - (AN3-6A)	2	
	407 565	W	WASHER - (AN960-416)	2	
	407 584	W	WASHER - (AN960-10L)	2	
	404 887	W	NUT - (MS20365-1032C)	2	
-36	400 440	W	BOLT - (AN3-6A)	2	
	407 585	W	WASHER - (AN960-416L)	2	
	407 564	W	WASHER - (AN960-10)	2	
	404 887	W	NUT - (MS20365-1032C)	2	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
50A-37 -38	98646-04		BUSHING - Cowl flap hinge	2	
	400 057	W	BOLT - (AN3-12A)	2	
	407 564	W	WASHER - (AN960-10)	4	
	404 887	W	NUT - (MS20365-1032C)	2	

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

PIPER PARTS CATALOG

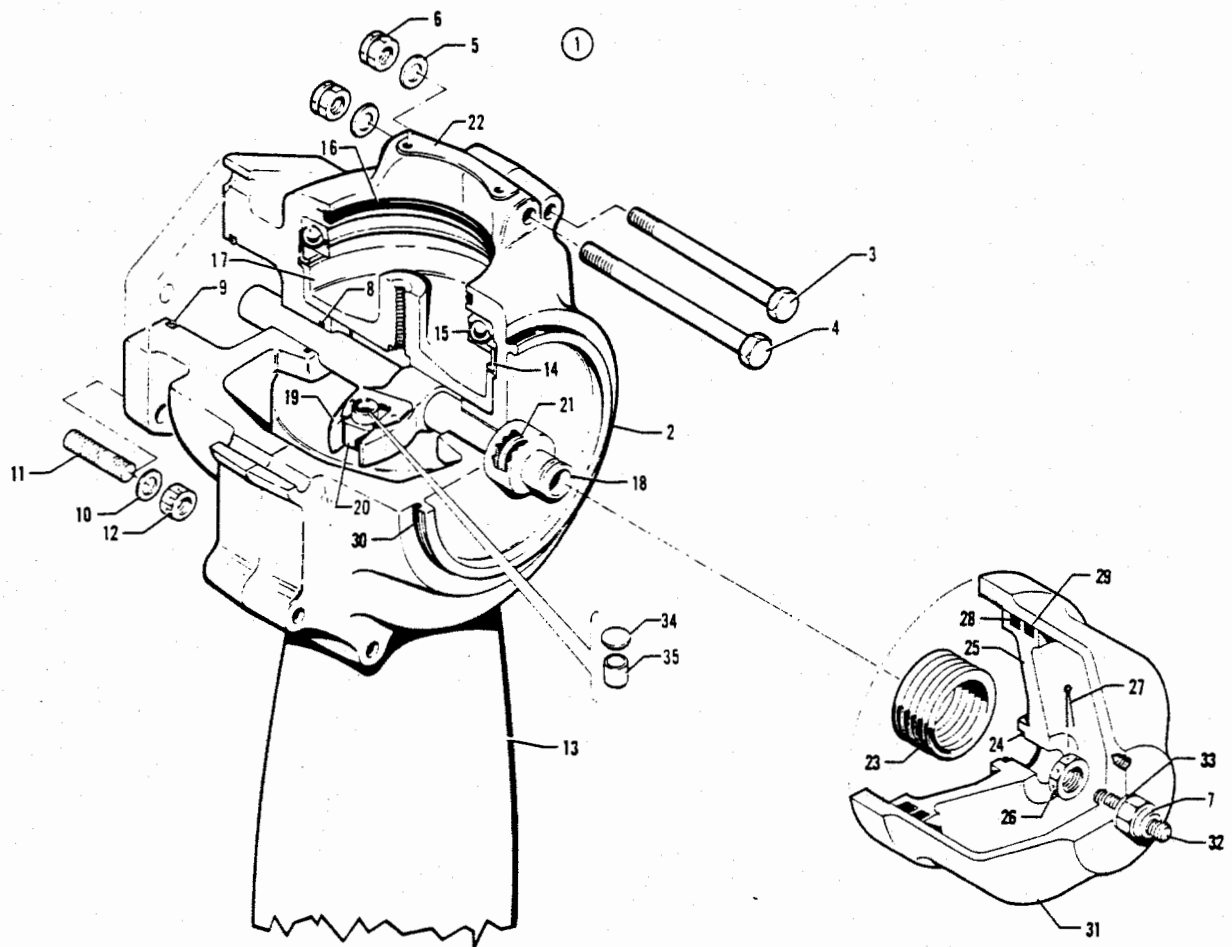


Figure 51. Propeller Assembly

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 51

W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
51-1	550 937		PROPELLER ASSEMBLY - Hartzell (HC-C2YK-1BF/F8475D-4)	1	
-2	755 222	W	HUB ASSEMBLY - Propeller (D-2201-17)	1	
-3	753 461	W	BOLT - Hex head (A-2431)	6	
-4	758 111	W	BOLT - Hex head (A-2432)	4	
-5	407 587	W	WASHER - (AN960-616)	10	
-6	752 511	W	NUT - Elastic (A-2043)	10	
-7	752 534	W	NUT - (52 NTE-064)	1	
-8	755 932	W	"O" RING - Rod (PRP-902-13)	1	
-9	755 800	W	"O" RING - Rod (PRP-909-6)	1	
-10	407 569	W	WASHER - (AN960-816)	6	
-11	756 295	W	STUD - Flange (A-2247-2)	6	
-12	752 530	W	NUT - Castle (A-2069)	6	
-13	758 219		BLADE - Propeller (F8475D-4)	2	
-14	755 968	W	RING - Bearing guide (A-2204)	2	
-15	753 463	W	BEARING - Blade, split (A-2202)	2	
-16	755 934	W	"O" RING - Blade (PRP-902-42)	2	
-17	757 249	W	PRELOAD PLATE UNIT - (B-2256)	2	
-18	755 993	W	ROD - Piston (A-2418-2)	1	
-19	754 826	W	FORK UNIT - Pitch change (B-2457-3)	1	
-20	758 204	W	BLOCK - Pitch change (A-2217-3)	2	
-21	755 972	W	SPLIT - Retainer (A-2430)	1	
-22	756 607	W	WEIGHTS - Balance (A-2424)	AR	
-23	757 556	W	SPRING - (A-2213-1)	1	
-24	757 995	W	"O" RING - Piston seal (PRP-914-6)	1	
-25	757 302	W	PISTON - (B-2419)	1	
-26	752 513	W	NUT - Rod (A-2211)	1	
-27	424 061	W	COTTER PIN - (AN380-3-5)	1	
-28	755 994	W	"O" RING - Piston (PRP-902-51)	1	
-29	757 557	W	SEAL - Felt (B-1843)	1	
-30	755 935	W	"O" RING - Cylinder (PRP-909-25)	1	
-31	757 828	W	CYLINDER - (B-2428-1)	1	
-32	757 558	W	SCREW - Low stop (A-2421)	1	
-33	757 559	W	SEAL - Parker (7000-3/8)	1	
-34	758 282		BUTTON - Propeller (A-3212-1)	1	
-35	758 280		BUSHING - Propeller (A-2413-2)	1	

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

PIPER PARTS CATALOG

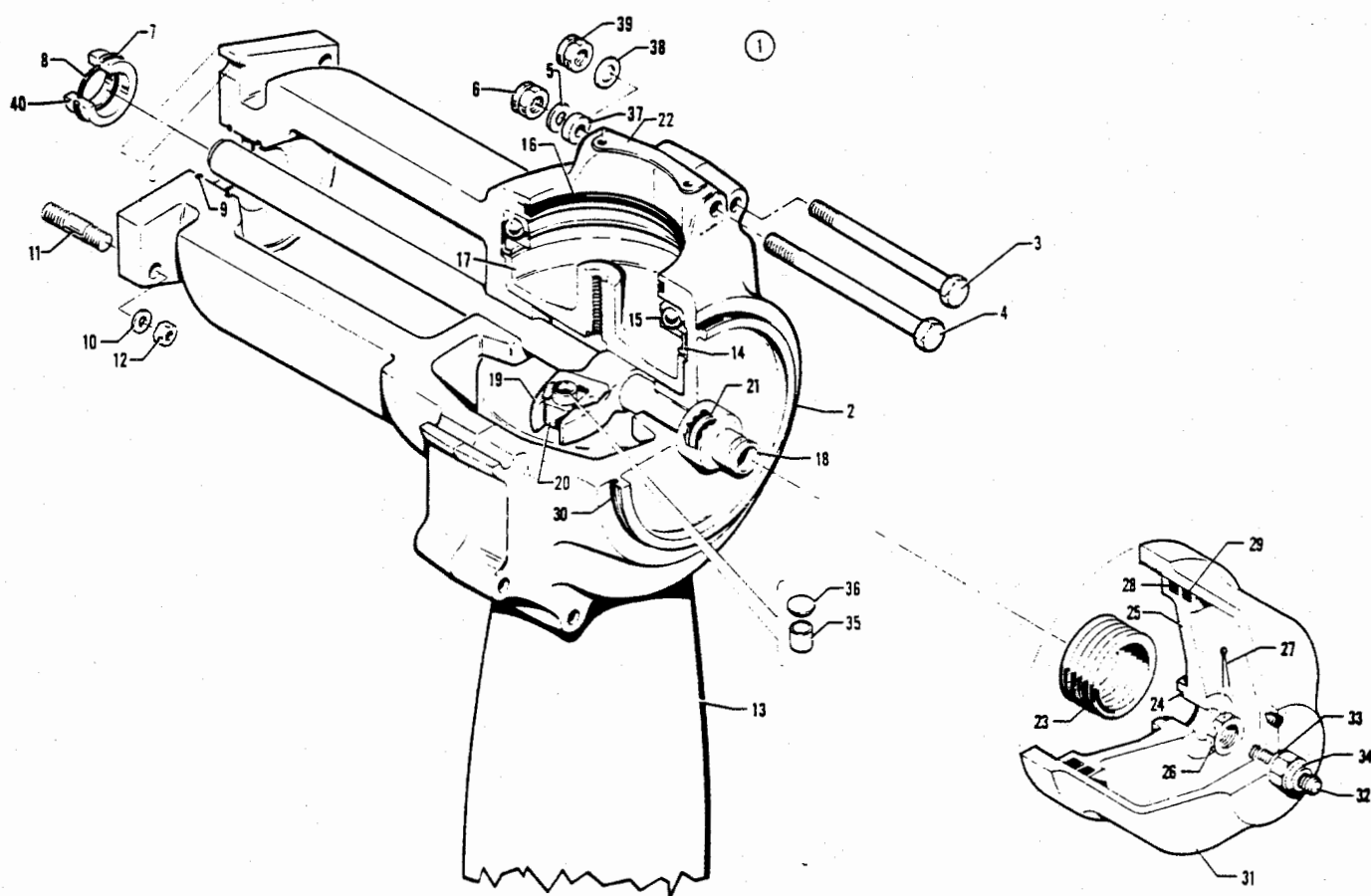


Figure 51A. Propeller Assembly

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 51A

W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
51A-1	550 983		PROPELLER ASSEMBLY - Hartzell (HC-E2YR-1()F/F8477-4)	1	
-2	752 015	W	* HUB ASSEMBLY - Propeller (D-2477-3)	1	
-3	753 461	W	* BOLT - Hex head (A-2431)	6	
-4	753 462	W	* BOLT - Hex head (A-2433)	4	
-5	407 587	W	* WASHER - (AN960-616)	10	
-6	762 565	W	* NUT - (22FT-624)	10	
-7	755 931	W	* "O" RING - Plug (PRP-909-4)	1	
-8	755 932	W	* "O" RING - Rod (PRP-902-13)	1	
-9	755 800	W	* "O" RING - Rod - (PRP-909-6)	1	
-10	756 626	W	* WASHER - (A-1381)	6	
-11	757 583	W	* STUD - Flange (A-2067)	6	
-12	752 533	W	* NUT - Castle (A-2069)	6	
-13	758 420		* BLADE - Propeller (F8477()-4)	2	
-14	755 968	W	* RING - Bearing guide (A-2204)	2	
-15	753 463	W	* BEARING - Blade, split (A-2202)	2	
-16	755 934	W	* "O" RING - Blade (PRP-902-42)	2	
-17	763 428	W	* PRELOAD PLATE UNIT - (B-2222)	2	
-18	756 027	W	* ROD - Piston (A-2418-3)	1	
-19	754 826	W	* FORK UNIT - Pitch change (B-2457-3)	1	
-20	758 204	W	* BLOCK - Pitch change (A-2217-3)	2	
-21	755 972	W	* SPLIT - Retainer (A-2430)	1	
-22	756 607	W	* WEIGHTS - Balance (A-2424)	AR	
-23	757 556	W	* SPRING - (A-2213-1)	1	
-24	757 995	W	* "O" RING - Piston seal (PRP-914-6)	1	
-25	757 302	W	* PISTON - (B-2419)	1	
-26	752 513	W	* NUT - Rod (A-2211)	1	
-27	424 061	W	* COTTER PIN - (AN380-3-5)	1	
-28	755 994	W	* "O" RING - Piston (PRP-902-51)	1	
-29	757 557	W	* SEAL - Felt (B-1843)	1	
-30	755 935	W	* "O" RING - Cylinder (PRP-909-25)	1	
-31	757 828	W	* CYLINDER - (B-2428-1)	1	
-32	757 558	W	* SCREW - Low stop (A-2421)	1	
-33	757 559	W	* SEAL - Parker (7000-3/8)	1	
-34	752 534	W	* NUT - (52 NTE-064)	1	
-35	758 280		* BUSHING - Propeller (A-2413-2)	1	
-36	758 282		* BUTTON - Propeller (A-3212-1)	1	
-37	757 593	W	* SPACER - (A-2246-3)	4	
-38	407 587	W	* WASHER - (AN960-616L)	6	
-39	752 511	W	* NUT - (A-2043)	6	
-40	757 253	W	* PLUG - Piston end (A-2481)	1	

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

PIPER PARTS CATALOG

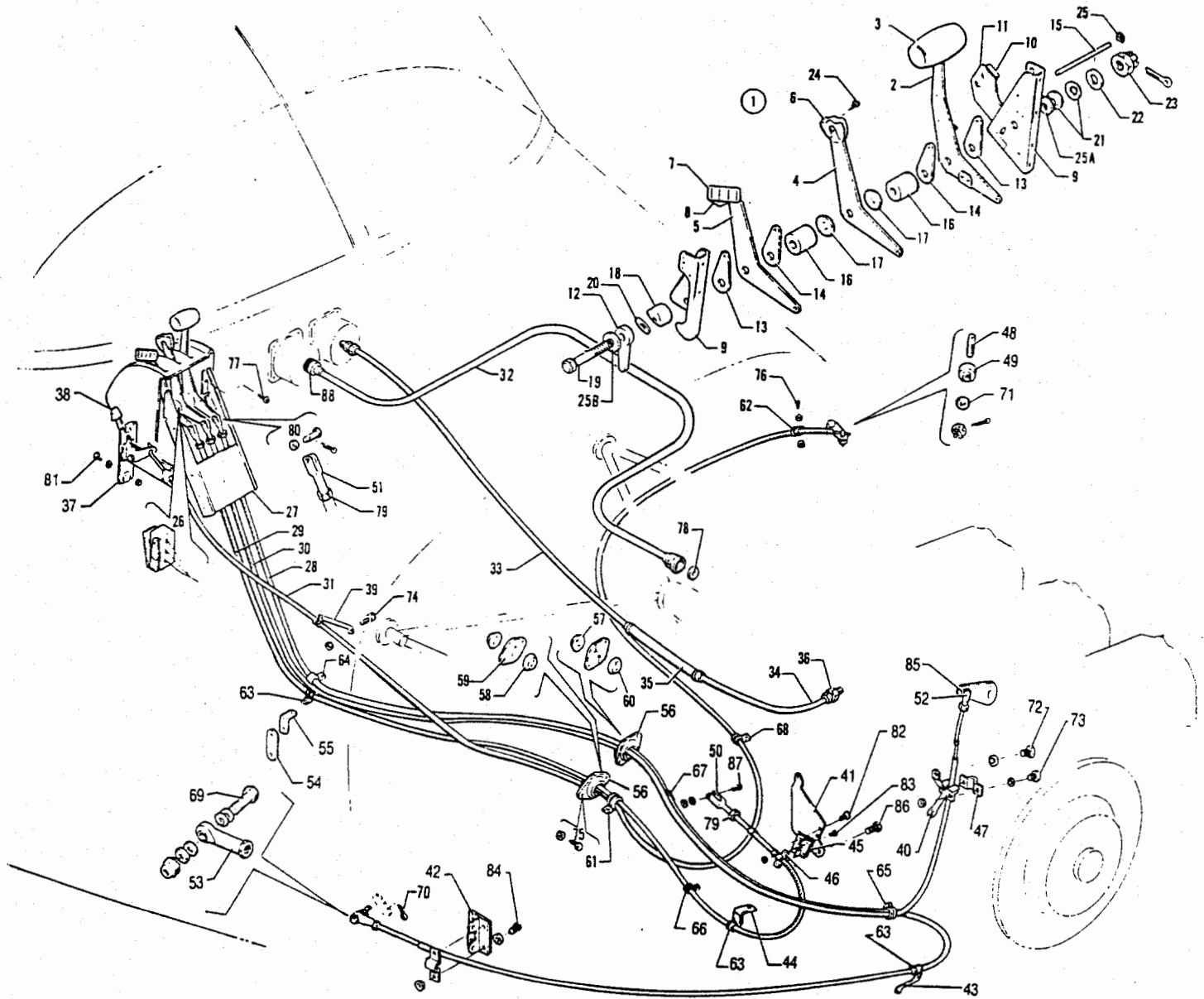


Figure 52. Engine Controls Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 52

- A - If Engine Tach Cable Rerouting Kit 763 916 has already been installed, order tachometer shaft listed for serial numbers 32R-7985104 and up.
- B - Angle drive not required if Engine Tach Cable Rerouting Kit 763 916 has been installed.
- C - Used if a 2.72"L quadrant adjusting handle (P/N 66773-00) is installed.
- D - Used if a 2.94"L quadrant adjusting handle (P/N 63039-04) is installed.
- E - See Figure 78A if King KFC-200 AutoPilot with Flight Director is installed.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
52-	38090 38172		DRAWING - Engine Controls Installation DRAWING - Engine Instruments Lines Installation		
-1	38091-00		QUADRANT ASSEMBLY - Control	1	
-2	67223-04		* LEVER ASSEMBLY - Throttle	1	
-3	66979-00	E	* * KNOB - Throttle lever	1	
-4	69485-00		* LEVER - Propeller control	1	
-5	67214-00		* LEVER - Mixture control	1	
-6	24047-00	W	* KNOB - Propeller control	1	
-7	24048-00	W	* KNOB - Mixture control	1	
-8	79473-00		* PLATE - Mixture control	1	
-9	67215-03		* BRACKET ASSEMBLY - Quadrant, left	1	
	67216-00		* BRACKET ASSEMBLY - Quadrant, right	1	
-10	38200-00		* SWITCH - Quadrant	1	
-11	38202-00		* BRACKET - Switch	1	
-12	66773-00		* HANDLE - Quadrant adjusting (2.72"L.)	1	
	63039-04		* HANDLE - Quadrant adjusting (2.94"L.)	1	
-13	67218-00		* PLATE - Quadrant control, friction	2	
-14	67218-02		* PLATE - Quadrant control, friction	2	
-15	69319-00		* PIN - Quadrant friction, plate	1	
-16	68699-14		* SPACER - Quadrant control	2	
-17	62833-50		* WASHER	2	
-18	66774-00		* CAM - Quadrant control	1	
-19	400 185	C	* BOLT - (AN5-43)	1	
	400 184	D,W	* BOLT - (AN5-41)	1	
-20	62833-46		* WASHER	1	
-21	408 815	W	* WASHER - (3502-18-04)	2	
-22	407 566	W	* WASHER - (AN960-516)	AR	
-23	404 394		* NUT - (AN320-5)	1	
	424 051	W	* COTTER PIN - (MS24665-132)	1	
-24	415 533		* SCREW - (MS35206-243)	2	
-25	406 345	W	* NUT - (A109-104-1)	2	
-25a	68699-09		* SPACER - (.191 thick)	1	32R-7985087 and up
-25b	407 586	D,W	* WASHER - (AN960-516L)	1	
-26	38094-00		SWITCH ASSEMBLY - Throttle lever (with actuator)	1	
-27	69324-03		MOUNT ASSEMBLY - Cockpit engine controls	1	
-28	555 815		CONTROL CABLE ASSEMBLY - Throttle (PS50146-13-20)	1	
-29	455 357		CONTROL CABLE ASSEMBLY - Mixture (PS50146-13-16)	1	
-30	554 350		CONTROL CABLE ASSEMBLY - Propeller (PS50146-13-14)	1	
-31	554 051		CONTROL CABLE ASSEMBLY - Alternator air (PS50146-4-8)	1	
-32	763 916	A	KIT - Engine tachometer shaft rerouting	1	32R-7885001 to 32R-7985103 incl
	454 312		SHAFT - Tachometer (PS50044-28) 88" long	1	32R-7985104 and up
-33	67700-48		TUBE ASSEMBLY - Manifold pressure	1	
-34	68005-00		TUBE ASSEMBLY - Manifold pressure	1	
-35	69015-08		HOSE - Manifold pressure	1	
-36	460 685	W	CONNECTOR - (W/H 200 x 4)	1	
-37	66855-04		CONTROL ASSEMBLY - Alternate air	1	
-38	66980-00		KNOB - Alternate air	1	
-39	69308-00		ARM - Alternate air cable	1	
-40	69546-00		BRACKET - Propeller pitch control	1	
-41	38084-00		BRACKET ASSEMBLY - Mixture control	1	
-42	69434-00		BRACKET - Adapter control cable	1	
-43	63944-00		BRACKET - Mixture control	1	
-44	68911-00		CLIP - Control cable	2	
-45	69011-00		LUG - Control cable support bracket	2	
-46	69012-00		CLAMP - Control cable attachment	2	
-47	18219-02	W	CLAMP - Propeller control cable	1	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
52-48	70371-03	W	STUD - Alternate air	1	
-49	70371-02	W	FITTING - Swivel, alternate air	1	
-50	554 757	W	CLEVIS - Control cable (MS35812-1)	1	
-51	488 327	W	TERMINAL - Clevis (AN665-21R)	3	
-52	31747-00	W	JOINT ASSEMBLY - Ball, spring type (469 141)	1	
-53	452 606	W	BEARING - Rod end, throttle control (PS10020-16-2)	1	
-54	38090-02		LINK - Clamp attachment	1	
-55	38090-03		ANGLE - Clip, clamp attachment	1	
-56	66789-00		PLATE - Firewall seal	4	
-57	68771-10		GASKET - Firewall seal, engine side	1	
-58	68770-06		GROMMET - Firewall seal	2	
-59	68771-08		GASKET - Firewall seal, engine side	1	
-60	68770-12		GROMMET - Firewall seal	2	
-61	454 932	W	CLAMP - (PS10017-2-7)	2	
-62	454 887		CLAMP - (PS10017-1-3)	1	
-63	454 929	W	CLAMP - (PS10017-2-4)	11	
-64	454 930	W	CLAMP - (PS10017-2-6)	2	
-65	454 813	W	CLAMP - (PS10017-4-4)	3	
-66	454 935	W	CLAMP - (PS10017-2-10)	1	
-67	454 977	W	CLAMP - (PS10017-2-16)	1	
-68	454 868	W	CLAMP - (PS10017-2-12)	1	
-69	401 269	W	BOLT - (AN3-10A)	1	
	62833-101		WASHER	1	
	407 584	W	WASHER - (AN960-10)	1	
	404 887	W	NUT - (MS20365-1032C)	1	
-70	424 095	W	COTTER PIN - (MS24665-151)	1	
-71	407 584	W	WASHER - (AN960-10L)	1	
	404 100	W	NUT - (AN310-3)	1	
	424 051	W	COTTER PIN - (AN380-2-2)	1	
-72	418 420	W	CAP SCREW - (1/4-20NC-3 x 1 2)	1	
	407 103	W	WASHER - (AN935-416)	1	
-73	415 450	W	SCREW - (AN526-832R10)	2	
	407 563	W	WASHER - (AN960-8)	2	
	404 910	W	NUT - (MS20365-832C)	2	
-74	417 776	W	SCREW - (AN520-10R10)	1	
	404 887	W	NUT - (MS20365-1032C)	1	
-75	415 535	W	SCREW - (MS35206-245)	4	
	404 910	W	NUT - (MS20365-832C)	4	
-76	415 851		SCREW - (AN520-8R8)	1	
	407 563	W	WASHER - (AN960-8)	1	
	404 910	W	NUT - (MS20365-832C)	1	
-77	415 535	W	SCREW - (MS35206-245)	7	
-78	85012-14		WASHER - Tachometer shaft	1	
-79	404 224	W	NUT - (AN315-3R)	4	
	407 104	W	WASHER - Lock (AN935-10)	4	
-80	407 584	W	WASHER - (AN960-10L)	3	
	524 145		PIN - (MS20392-2C11)	3	
	424 050	W	COTTER PIN - (AN380-2-1)	3	
-81	410 053		SCREW - (MS24694-C3)	2	
-82	404 887	W	NUT - (MS20365-1032C)	2	
	416 787		SCREW - (AN510-10R12)	2	
-83	418 600		SCREW - (MS24677-24)	2	
-84	418 650		SCREW - (MS24678-11)	2	
	407 564	W	WASHER - (AN960-10)	2	
	404 887	W	NUT - (MS20365-1032C)	2	
-85	404 887	W	NUT - (MS20365-1032C)	1	
	407 564	W	WASHER - (AN960-10)	2	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
52-86	400 438	W	BOLT - (AN3-4A)	2	32R-7885001 to 32R-7985103 incl.
	407 584	W	WASHER - (AN960-10L)	2	
-87	400 673	W	SCREW - (AN23-11)	1	
	404 100	W	NUT - (AN310-3)	1	
	424 051	W	COTTER PIN - (MS24665-132)	1	
-88	551 986	B	ANGLE DRIVE - (ES407010)	1	

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

PIPER PARTS CATALOG

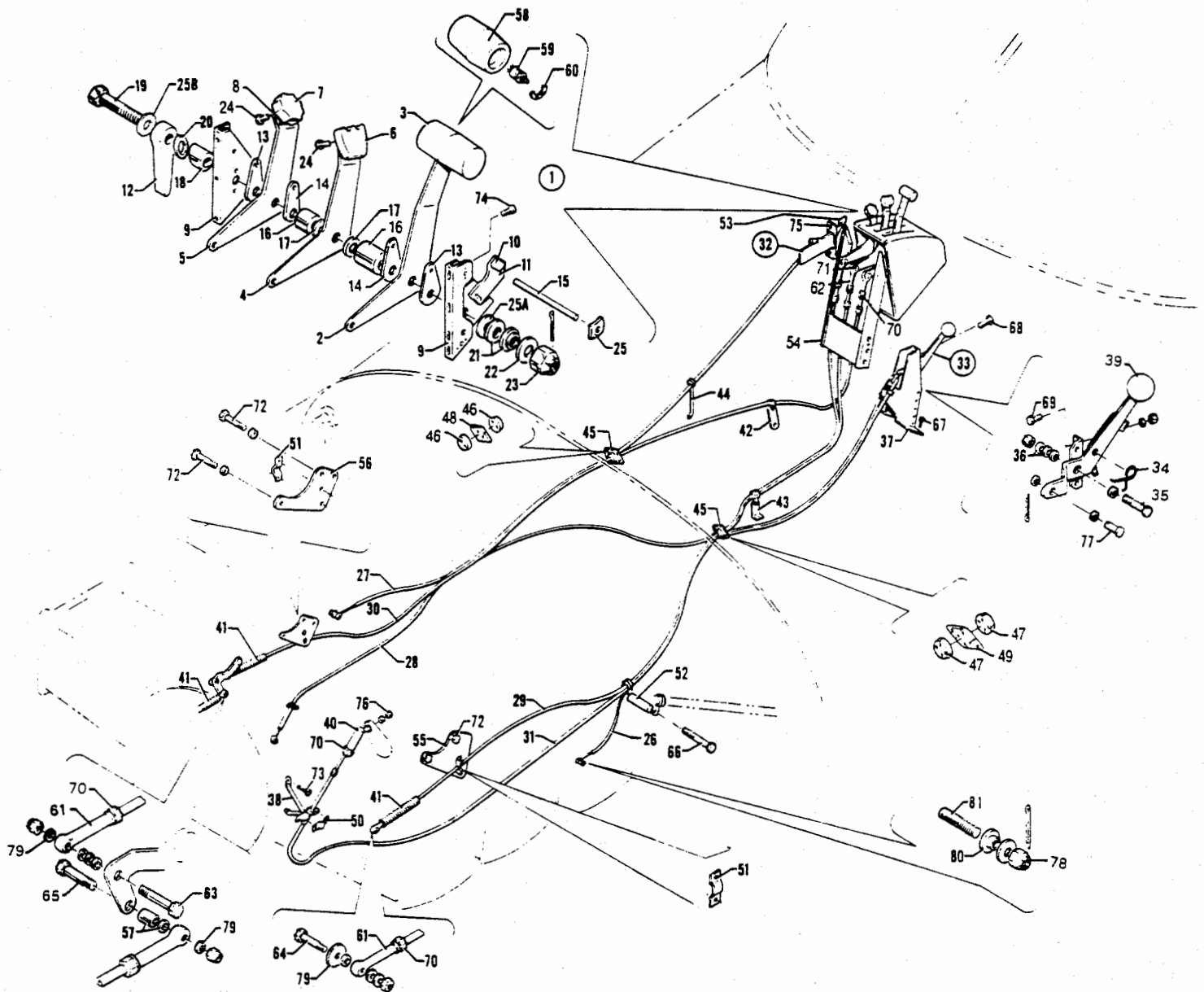


Figure 52A. Engine Controls Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 52A

- A - Used if a 2.72" L quadrant adjusting handle (P/N 66773-00) is installed.
- B - Used if a 2.94" L quadrant adjusting handle (P/N 63039-04) is installed.
- C - See Figure 78A if King KFC-200 AutoPilot with Flight Director is installed.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
52A-	98644		DRAWING - Engine Controls Installation		
-1	38091-00		QUADRANT ASSEMBLY - Control	1	
-2	67223-04		* LEVER ASSEMBLY - Throttle	1	
-3	66979-00	C	* * KNOB - Throttle lever	1	
-4	69485-00		* LEVER - Propeller control	1	
-5	67214-00		* LEVER - Mixture control	1	
-6	24047-00	W	* KNOB - Propeller control	1	
-7	24048-00	W	* KNOB - Mixture control	1	
-8	79473-00		* PLATE - Mixture control	1	
-9	67215-03		* BRACKET ASSEMBLY - Quadrant, left	1	
	67216-00		* BRACKET ASSEMBLY - Quadrant, right	1	
-10	38200-00		* SWITCH - Quadrant	1	
-11	38202-00		* BRACKET - Switch	1	
-12	66773-00		* HANDLE - Quadrant adjusting (2.72" L.)	1	
	63039-04		* HANDLE - Quadrant adjusting (2.94" L.)	1	
-13	67218-00		* PLATE - Quadrant control, friction	2	
-14	67218-02		* PLATE - Quadrant control, friction	2	
-15	69319-00		* PIN - Quadrant friction plate	1	
-16	68699-14		* SPACER - Quadrant control	2	
-17	62833-50		* WASHER	2	
-18	66774-00		* CAM - Quadrant control	1	
-19	400 185	A	* BOLT - (AN5-43)	1	
	400 184	B.W	* BOLT - (AN5-41)	1	
-20	62833-46		* WASHER	1	
-21	408 815	W	* WASHER - (3502-18-04)	2	
-22	407 566	W	* WASHER - (AN960-516)	AR	
-23	404 394		* NUT - (AN320-5)	1	
	424 051	W	* COTTER PIN - (MS24665-132)	1	
-24	415 533		* SCREW - (MS35206-243)	2	
-25	406 345	W	* NUT - (A109-014-1)	2	
-25a	68699-09		* SPACER - (.191 thick)	1	32R-7987116 and up
-25b	407 586	B.W	* WASHER - (AN960-516L)	1	
-26	554 456		CABLE ASSEMBLY - Cowl flap, left (PS50146-5-1)	1	
-27	554 457		CABLE ASSEMBLY - Cowl flap, right (PS50146-5-2)	1	
-28	554 466		CONTROL CABLE ASSEMBLY - Alternate air (PS50146-4-4)	1	
-29	455 360		CONTROL CABLE ASSEMBLY - Mixture (PS50146-13-9)	1	
-30	455 360		CONTROL CABLE ASSEMBLY - Throttle (PS50146-13-9)	1	
-31	554 350		CONTROL CABLE ASSEMBLY - Propeller (PS50146-13-14)	1	
-32	66855-04		CONTROL ASSEMBLY - Alternate air	1	
-33	98548-02		PIVOT ASSEMBLY - Cowl flap lever	1	
-34	96455-00		* SPRING - Cowl flap lever	1	
-35	400 441	W	* BOLT - (AN3-7A)	1	
	407 564	W	* WASHER - (AN960-10)	2	
	404 887	W	* NUT - (MS20365-1032C)	1	
-36	407 565	W	* WASHER - (AN960-416)	1	
	407 585	W	* WASHER - (AN960-416L)	1	
-37	98546-02		BRACKET ASSEMBLY - Cowl flap lever	1	
-38	69546-00		BRACKET ASSEMBLY - Prop pitch control	1	
-39	18875-07		KNOB - Cowl flap lever	1	
-40	31747-00	W	JOINT ASSEMBLY - Ball, spring type (469 141)	1	
-41	553 182		BOOT - Cable (AD1204-1)	3	
-42	38090-02		LINK - Clamp attachment	1	
-43	38090-03		ANGLE - Clip, clamp attachment	1	
-44	69308-00		ARM - Alternate air cable	1	
-45	66789-00		PLATE - Firewall seal	4	
-46	68770-12		GROMMET - Firewall seal	2	
-47	68770-19		GROMMET - Firewall seal	2	
-48	68771-10		GASKET - Firewall seal	1	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
52A-49	68771-16		GASKET - Firewall seal	1	
-50	18219-02	W	CLAMP - Prop control cable	1	
-51	69012-00		CLAMP - Control cable attachment	2	
-52	63900-12		BUSHING	1	
-53	66980-00		KNOB - Alternate air	1	
-54	69324-04		MOUNT ASSEMBLY - Cockpit engine controls	1	
-55	98645-06		PLATE ASSEMBLY - Engine control mount	1	
-56	98645-05		PLATE ASSEMBLY - Engine control mount	1	
-57	95061-181		BUSHING - Spacer	1	
-58	36844-04		KNOB ASSEMBLY - Throttle control, left (with go-around switch)	1	
-59	588 085	W	* SWITCH - (39-3)	1	
-60	78237-00		* PLACARD - Go-around	1	
-61	452 606	W	BEARING - (PS10020-16-2)	2	
-62	488 327	W	CLEVIS - (AN665-21R)	3	
-63	401 269	W	BOLT - (AN3-10A)	1	
	407 564	W	WASHER - (AN960-10)	3	
	404 887	W	NUT - (MS20365-1032C)	1	
-64	400 055	W	BOLT - (AN3-10)	1	
	407 564	W	WASHER - (AN960-10)	3	
	404 100	W	NUT - (AN310-3)	1	
	424 051	W	COTTER PIN - (MS24665-132)	1	
-65	401 270	W	BOLT - (AN3-11A)	1	
	407 564	W	WASHER - (AN960-10)	1	
	404 887	W	NUT - (MS20365-1032C)	1	
-66	401 274	W	BOLT - (AN3-15A)	1	
	407 584	W	WASHER - (AN960-10L)	1	
	404 835	W	NUT - (MS20364-1032C)	1	
-67	415 533		SCREW - (MS35206-243)	4	
-68	415 544	W	SCREW - (MS35206-244)	2	
-69	415 520	W	SCREW - (MS35206-230)	2	
	407 582		WASHER - (AN960-6L)	2	
	404 829	W	NUT - (MS20365-632C)	2	
-70	407 043	W	WASHER - (MS35338-43)	6	
	404 224	W	NUT - (AN315-3R)	6	
-71	424 174	W	PIN - (MS20392-2C11)	3	
	407 584	W	WASHER - (AN960-10L)	3	
	424 051	W	COTTER PIN - (MS24665-132)	3	
-72	401 919		BOLT - (MS20074-04-04)	4	
	407 565	W	WASHER - (AN960-416)	4	
-73	418 420	W	SCREW - Cap (1/4-20 NC-3 x 1/2)	1	
	407 044	W	WASHER - (MS35338-44)	1	
-74	415 535	W	SCREW - (MS35206-245)	7	
-75	415 533		SCREW - (MS35206-243)	2	
	407 584	W	WASHER - (AN960-10L)	2	
	404 833	W	NUT - (MS20364-832C)	2	
-76	407 584	W	WASHER - (AN960-10L)	AR	
	404 887	W	NUT - (MS20365-1032C)	1	
-77	424 204		PIN - (MS20392-3C13)	1	
	407 588	W	WASHER - (AN960-PD416L)	2	
	424 095	W	COTTER PIN - (MS24665-151)	1	
-78	407 584	W	WASHER - (AN960-10L)	2	
	404 100	W	NUT - (AN310-3)	2	
	424 051	W	COTTER PIN - (MS24665-132)	2	
-79	62833-101		WASHER	3	
-80	70371-02	W	FITTING - Swivel, cowl flaps	2	
-81	70371-03	W	STUD - Cowl flaps	2	

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

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PIPER PARTS CATALOG

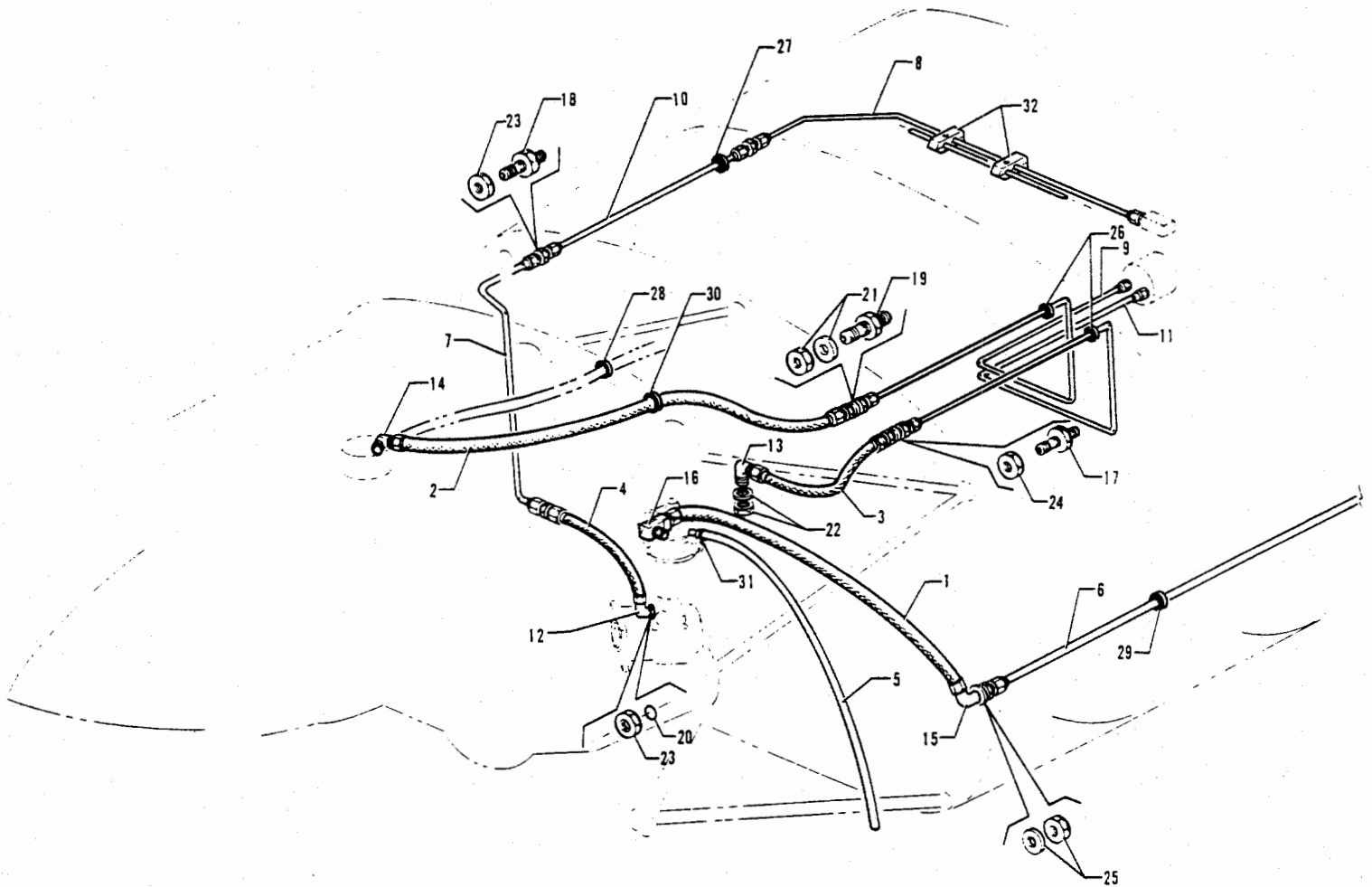


Figure 53. Forward Fuel System Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 53

W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
53-	38117		DRAWING - Fuel System Installation		
-1	63901-24		HOSE ASSEMBLY - Engine fuel pump	1	
-2	63901-40		HOSE ASSEMBLY - Fuel flow gauge	1	
-3	63901-33		HOSE ASSEMBLY - Vent. fuel flow gauge	1	
-4	63901-36		HOSE ASSEMBLY - Fuel pressure gauge	1	32R-7885001 to 32R-7985102 incl
-5	69015-04		HOSE - Engine fuel pump	1	
-6	67700-120		LINE ASSEMBLY - Engine pump to electric pump	1	
-7	69044-00		TUBE ASSEMBLY - Fuel pressure gauge	1	32R-7885001 to 32R-7985102 incl
-8	67700-51		TUBE ASSEMBLY - Fuel pressure gauge	1	32R-7885001 to 32R-7985102 incl
-9	67700-46		TUBE ASSEMBLY - Fuel flow pressure	1	
-10	67700-52		TUBE ASSEMBLY - Fuel pressure gauge	1	32R-7885001 to 32R-7985102 incl
-11	67700-47		TUBE ASSEMBLY - Fuel flow vent	1	
-12	69033-00		ELBOW - Restricted, 90°	1	32R-7885001 to 32R-7985102 incl
	583 228		PLUG - (MS123123)	1	32R-7985103 and up
-13	458 876	W	ELBOW - (AN833-2D)	1	
-14	69464-00		ELBOW - Restricted, 90°	1	
-15	458 936	W	ELBOW - (AN833-6)	1	
-16	558 830		ELBOW - (RA2000C-6)	1	
-17	491 064	W	UNION - (AN832-2)	1	
-18	491 063	W	UNION - (AN832-4)	1	32R-7885001 to 32R-7985102 incl
-19	23319-00	W	UNION	1	
-20	462 058	W	"O" RING - (MS29512-4)	1	
-21	477 628	W	NUT - (AN924-3)	1	
	407 567	W	WASHER - (AN960-616)	1	
-22	477 619	W	NUT - (AN924-2D)	1	
	407 566	W	WASHER - (AN960-516)	1	
-23	477 629	W	NUT - (AN924-4)	2	32R-7885001 to 32R-7985102 incl
-24	477 627	W	NUT - (AN924-2)	1	
-25	477 631	W	NUT - (AN924-6)	1	
	407 570	W	WASHER - (AN960-916)	2	
-26	434 119		GROMMET - (MS35489-2S)	2	
-27	434 155	W	GROMMET - (MS35489-7S)	1	32R-7885001 to 32R-7985102 incl
-28	434 172	W	GROMMET - (MS35489-19S)	1	
-29	434 156	W	GROMMET - (MS35489-14S)	1	
-30	434 163	W	GROMMET - (MS35489-15S)	3	
-31	454 983	W	CLAMP - (SAE TY E-8)	1	
-32	69473-00		CLAMP - Tube	4	

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

--- **PIPER PARTS CATALOG** ---

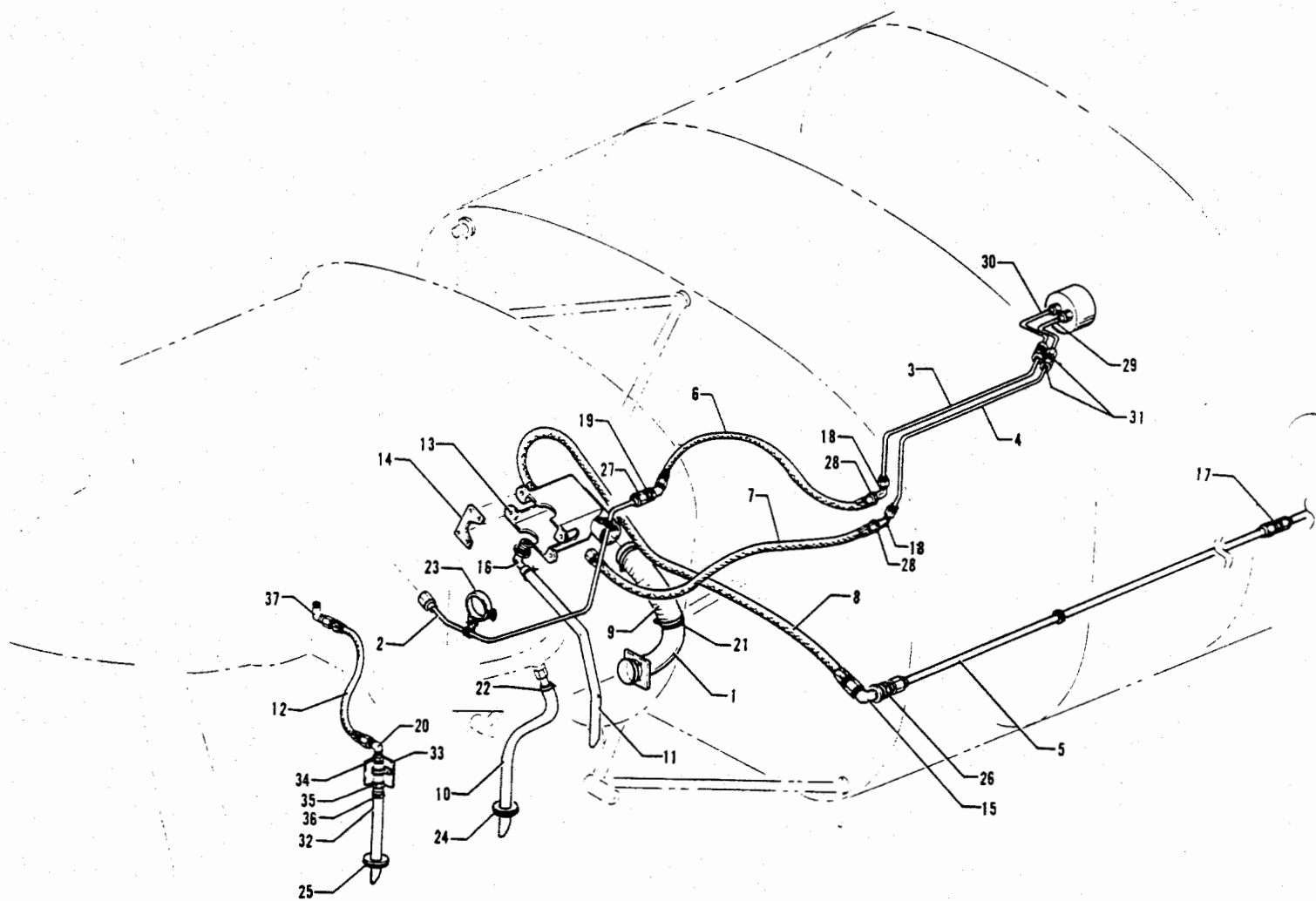


Figure 53A. Forward Fuel System Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 53A

W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
53A-	98595		DRAWING - Fuel System Installation		
-1	98659-02		TUBE ASSEMBLY - Fuel pump cooling	1	
-2	67700-348		TUBE ASSEMBLY - Fuel pressure	1	
-3	67700-195		TUBE ASSEMBLY - Fuel pressure	1	
-4	67700-196		TUBE ASSEMBLY - Fuel vent	1	
-5	67700-120		TUBE ASSEMBLY - Fuel supply, forward	1	
-6	63901-104		HOSE ASSEMBLY - Fuel pressure	1	
-7	63901-105		HOSE ASSEMBLY - Fuel vent	1	
-8	63901-88		HOSE ASSEMBLY - Fuel supply	1	
-9	63633-66		HOSE - Fuel pump air blast	1	
-10	69015-03		HOSE - Drain	1	
-11	69015-04		HOSE - Drain	1	
-12	63901-77		HOSE - Drain	1	
-13	98686-02		SHROUD ASSEMBLY - Fuel pump cooling	1	
-14	69198-00		SUPPORT - Fuel pump shroud	2	
-15	458 864		ELBOW - (AN837-6)	1	
-16	451 857	W	ELBOW - (AN840-4D)	1	
-17	491 052	W	UNION - (AN815-6D)	1	
-18	38460-02		ELBOW	1	
-19	458 937		ELBOW - (AN837-3)	1	
-20	458 893	W	ELBOW - (AN822-3D)	1	
-21	554 865	W	CLAMP - (SAE TY A-1 9/16)	2	
-22	454 983	W	CLAMP - (SAE TY E-8)	2	
-23	98579-05		CLAMP	1	
-24	434 176		GROMMET - (MS35489-43)	1	
-25	434 170		GROMMET - (MS35489-44)	1	
-26	477 631	W	NUT - (AN924-6)	1	
-27	477 628	W	NUT - (AN924-3)	1	
	407 587	W	WASHER - (AN960-616L)	2	
-28	477 628	W	NUT - (AN924-3)	2	
	407 567	W	WASHER - (AN960-616)	2	
-29	67700-198		TUBE ASSEMBLY - Fuel flow vent	1	
-30	67700-199		TUBE ASSEMBLY - Fuel flow pressure	1	
-31	491 071		UNION - (AN815-2)	2	
-32	69015-47		HOSE - Drain	1	
-33	38468-02		BRACKET - Manifold sump drain support	1	
-34	453 616	W	REDUCER - (AN912-1D)	1	
-35	36515-02		VALVE - Drain	1	
-36	554 888	W	CLAMP - (SAE TY F-6)	1	
-37	36502-02		ELBOW - Fuel	1	

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

PIPER PARTS CATALOG

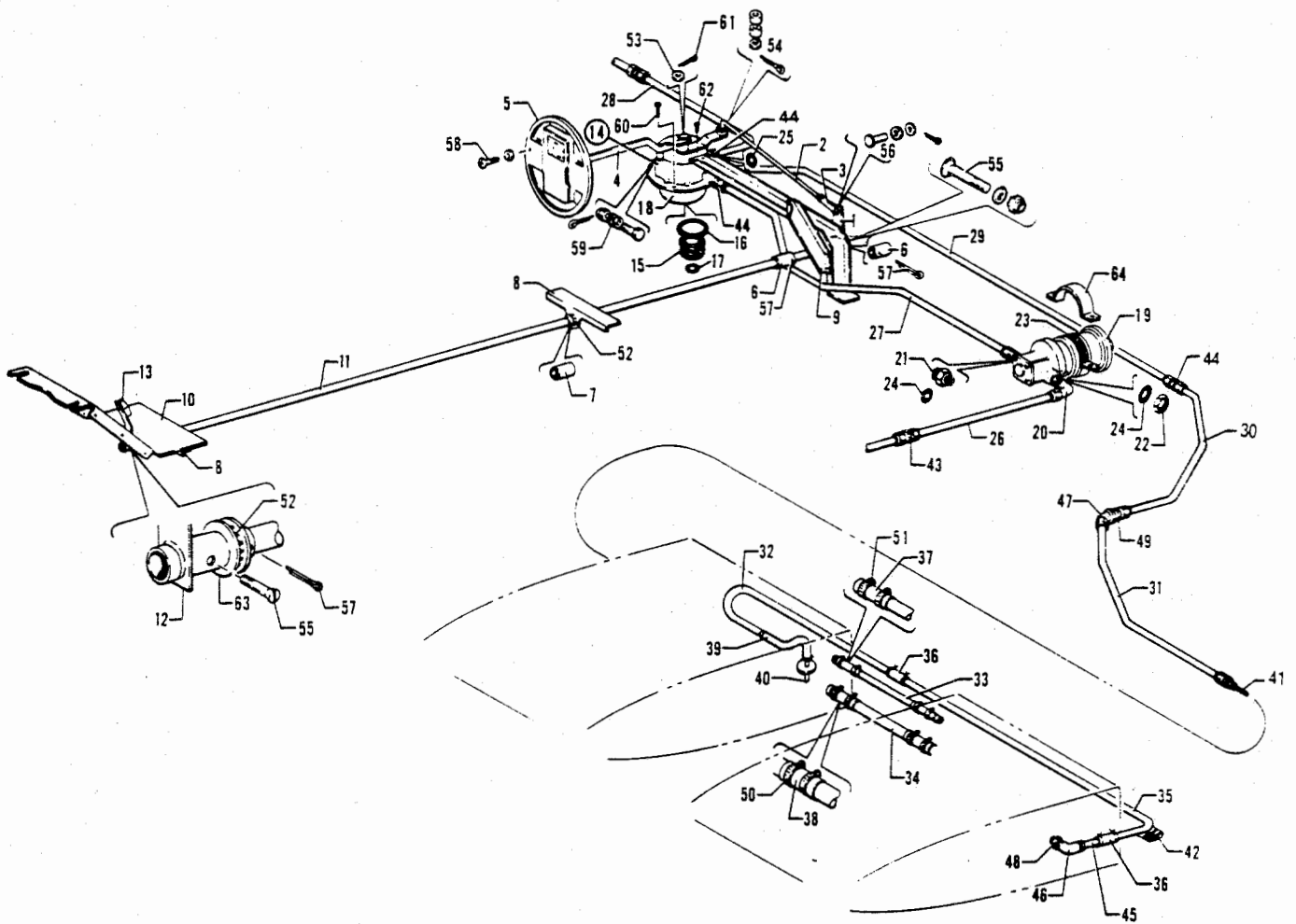


Figure 54. Aft Fuel System Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 54

- A - When ordering, specify color "bark II" or black.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
54-	38117		DRAWING - Fuel System Installation		
	38142		DRAWING - Fuel Selector Valve Installation		
-1	69092-02		ARM ASSEMBLY - Fuel selector control	1	
-2	65407-07		ROD ASSEMBLY - Fuel selector control	1	
-3	454 905	W	* CLEVIS - (RA13-187-2C)	1	
-4	38154-00		HANDLE - Quick drain	1	
-5	65461-19	A	COVER ASSEMBLY - Quick drain	1	
-6	63904-30		HOSE - Plastic	2	
-7	63904-22		HOSE - Plastic	2	
-8	65400-02		ANGLE - Fuel selector control	2	
-9	69094-04		BRACE ASSEMBLY - Fuel selector control	1	
-10	69489-00		PLATE - Tunnel	1	
-11	69093-02		TUBE - Torque, fuel selector control	1	
-12	69088-05		LEVER ASSEMBLY - Fuel selector control	1	
-13	69181-00		* KNOB	1	
-14	69735-05		VALVE ASSEMBLY - Fuel selector (1H65-5)	1	
-15	754 816		* FILTER ASSEMBLY - Fuel selector valve	1	
-16	762 503		* RING "O" (Viton) 2-043	1	
-17	755 919	W	* RING "O" (Viton)	1	
-18	758 534		* BOWL - Fuel filter (A1-90-1)	1	
-19	481 708		PUMP - Electric fuel (1B5-6)	1	
-20	458 901	W	ELBOW - (AN833-6D)	1	
-21	484 359	W	REDUCER - (AN919-12D)	1	
-22	477 620	W	NUT - (AN924-6D)	1	
-23	189 732		TAPE - (1/8 x 1) 9"	1	
-24	462 060	W	RING - "O" (MS29512-06)	2	
-25	461 061	W	RING - "O" (MS29512-08)	2	
-26	67700-121		TUBE ASSEMBLY - Electric fuel pump	1	
-27	67700-101		TUBE ASSEMBLY - Pump to fuel valve	1	
-28	67700-100		TUBE ASSEMBLY - Fuel selector valve	1	
-29	67700-98		TUBE ASSEMBLY - Fuel selector valve	1	
-30	67700-96		TUBE ASSEMBLY - Fuel selector to inboard fuel tank	2	
-31	67700-104		TUBE ASSEMBLY - Inboard fuel tank	2	
-32	67700-122		TUBE ASSEMBLY - Fuel vent	2	
-33	38123-00		TUBE ASSEMBLY - Interconnect ground (3/4" diameter)	2	
-34	38123-02		TUBE ASSEMBLY - Interconnect ground (2" diameter)	2	
-35	95153-29		TUBE - Outboard fuel tank	2	
-36	69015-41		HOSE - Connector	4	
-37	63913-93		HOSE - Connector	4	
-38	63913-92		HOSE - Connector	4	
-39	69015-42		HOSE - Fuel vent	2	
-40	38128-00		VENT ASSEMBLY - Fuel	2	
-41	68763-00		STRAINER ASSEMBLY - Fuel	2	
-42	63186-03		MOULDING - Extruded	4	
-43	491 052	W	UNION - (AN815-6D)	1	
-44	491 053	W	UNION - (AN815-8D)	4	
-45	451 857	W	ADAPTER - (AN840-4D)	2	
-46	458 904		ELBOW - (AN914-1D)	2	
-47	458 914	W	ELBOW - (AN837-8D)	2	
-48	453 616	W	REDUCER - (AN912-1D)	2	
-49	477 621	W	NUT - (AN924-8D)	2	
	407 573	W	WASHER - (AN960-1216)	2	
-50	554 984		CLAMP - (SAE TY F-36)	8	
-51	554 797	W	CLAMP - (SAE TY F-12)	8	
-52	63976-23		GROMMET	2	
-53	62833-36		WASHER - Fuel selector valve stem	1	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
54-54	62833-11		WASHER - Rod assembly	2	
	407 584	W	WASHER - (AN960-10L)	1	
	424 051	W	COTTER PIN - (MS24665-132)	1	
-55	410 046	W	SCREW - (MS24694-S59)	2	
	407 564	W	WASHER - (AN960-10)	2	
	404 887	W	NUT - (MS20365-1032C)	2	
-56	424 175	W	PIN - (MS20392-2C13)	1	
	424 051	W	COTTER PIN - (MS24665-132)	1	
-57	424 053	W	COTTER PIN - (MS24665-136)	3	
-58	415 267	W	SCREW - (8-32 x 1 1/2 L)	2	
	494 004	W	WASHER - (PS10016-8)	2	
-59	400 053	W	BOLT - (AN3-6)	1	
	407 584	W	WASHER - (AN960-10L)	2	
	404 392	W	NUT - (AN320-3)	1	
	424 050	W	COTTER PIN - (MS24665-134)	1	
-60	416 098		SCREW - (MS35265-45)	4	
-61	424 058		COTTER PIN - (MS24665-281)	1	
-62	416 098		SCREW - (MS35265-45)	2	
	407 563	W	WASHER - (AN960-8)	2	
	404 910	W	NUT - (MS20365-832C)	2	
-63	407 570	W	WASHER - (AN960-916)	2	
-64	69032-00		STRAP - Electric fuel pump	2	

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

--- **PIPER PARTS CATALOG** ---

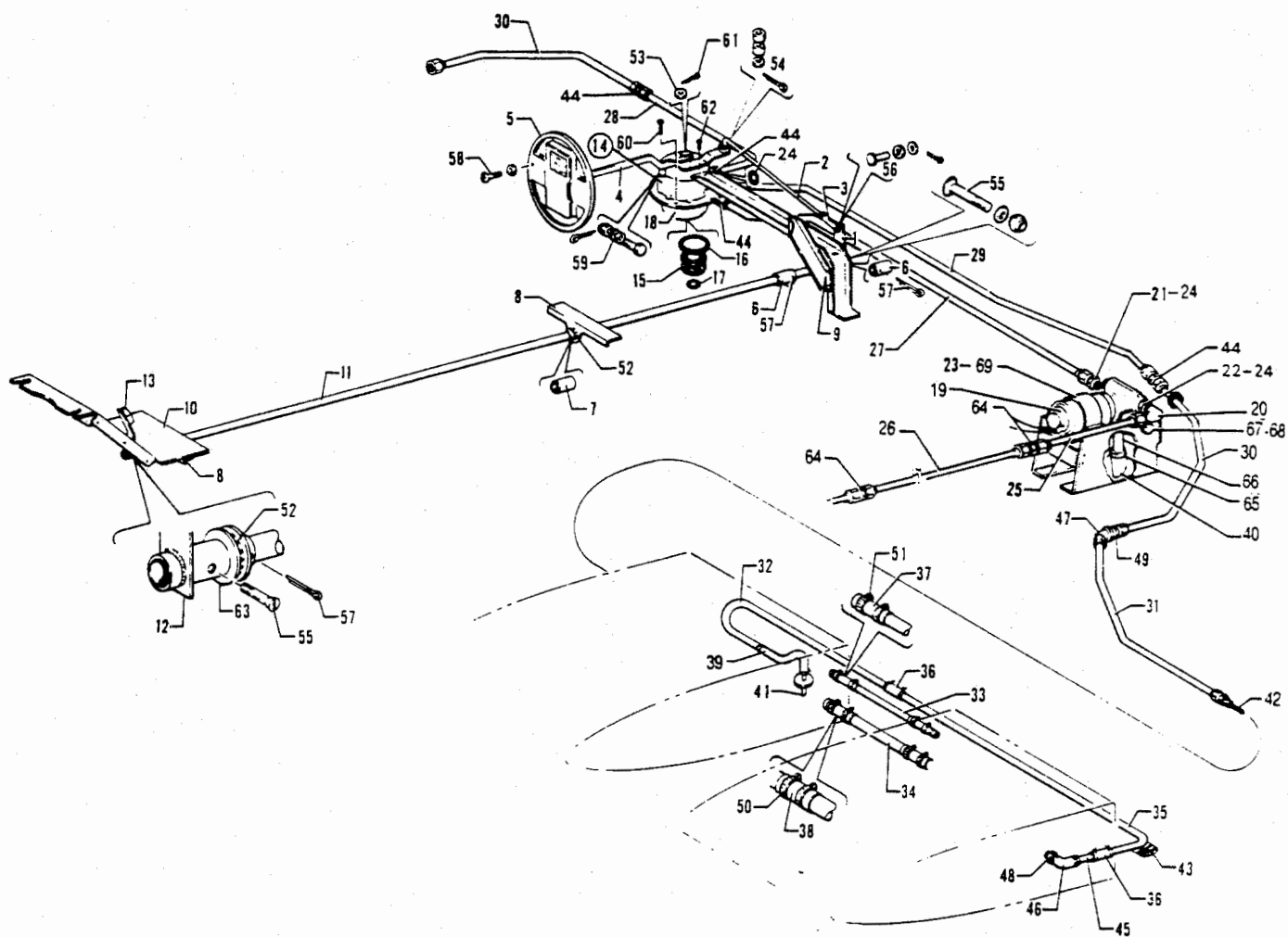


Figure 54A. Aft Fuel System Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 54A

A - When ordering, specify color "bark II" or black.

W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
54A-	98595 38142		DRAWING - Fuel System Installation DRAWING - Fuel Selector Valve Installation		
-1	69092-02		ARM ASSEMBLY - Fuel selector control	1	
-2	65407-07		ROD ASSEMBLY - Fuel selector control	1	
-3	454 905	W	* CLEVIS - (RA13-187-2C)	1	
-4	38154-00		HANDLE - Quick drain	1	
-5	65461-19	A	COVER ASSEMBLY - Quick drain	1	
-6	63904-30		HOSE - Plastic	2	
-7	63904-22		HOSE - Plastic	2	
-8	65400-02		ANGLE - Fuel selector control	2	
-9	69094-04		BRACE ASSEMBLY - Fuel selector control	1	
-10	69489-02		PLATE - Tunnel	1	
-11	69093-02		TUBE - Torque, fuel selector control	1	
-12	69088-05		LEVER ASSEMBLY - Fuel selector control	1	
-13	69181-00		* KNOB	1	
-14	69735-05		VALVE ASSEMBLY - Fuel selector (1H65-5)	1	
-15	754 816		* FILTER ASSEMBLY - Fuel selector valve	1	
-16	762 503		* RING - "O" (Viton) 2-043	1	
-17	755 919	W	* RING - "O" (Viton)	1	
-18	758 534		* BOWL - Fuel filter (A1-90-1)	1	
-19	481 807		PUMP - Electric fuel (10080-B)	1	
-20	67982-05		ELBOW - Special	1	
-21	491 053	W	UNION - (AN815-8D)	1	
-22	477 621	W	NUT - (AN924-8D)	1	
-23	189 732		TAPE - (1/8 x 1) 9"	1	
-24	461 061	W	RING - "O" (MS29512-08)	4	
-25	67700-173		TUBE ASSEMBLY - Electric fuel pump	1	
-26	67700-121		TUBE ASSEMBLY - Electric fuel pump	1	
-27	86238-60		TUBE ASSEMBLY - Pump to fuel valve	1	
-28	67700-100		TUBE ASSEMBLY - Fuel selector valve	1	
-29	67700-176		TUBE ASSEMBLY - Fuel selector valve	1	
-30	67700-177		TUBE ASSEMBLY - Fuel selector to inboard fuel tank, left	1	
	67700-96		TUBE ASSEMBLY - Fuel selector to inboard fuel tank, right	1	
-31	67700-104		TUBE ASSEMBLY - Inboard fuel tank	2	
-32	67700-122		TUBE ASSEMBLY - Fuel vent	2	
-33	95153-161		TUBE ASSEMBLY - Interconnect ground	2	
-34	95153-162		TUBE ASSEMBLY - Interconnect ground	2	
-35	95153-29		TUBE - Outboard fuel tank	2	
-36	69015-41		HOSE - Connector	4	
-37	63913-93		HOSE - Connector	4	
-38	63913-92		HOSE - Connector	4	
-39	69015-42		HOSE - Fuel vent	2	
-40	69015-18		HOSE - Fuel pump vent	1	
-41	38128-00		VENT ASSEMBLY - Fuel	2	
-42	68763-00		STRAINER ASSEMBLY - Fuel	2	
-43	63186-03		MOULDING - Extruded	4	
-44	491 053	W	UNION - (AN815-8D)	4	
-45	451 857	W	ADAPTER - (AN840-4D)	2	
-46	458 904		ELBOW - (AN914-1D)	2	
-47	458 914	W	ELBOW - (AN837-8D)	2	
-48	453 616	W	REDUCER - (AN912-1D)	2	
-49	477 621	W	NUT - (AN924-8D)	2	
	407 573	W	WASHER - (AN960-1216)	2	
-50	554 984		CLAMP - (SAE TY F-36)	8	
-51	554 797	W	CLAMP - (SAE TY F-12)	8	
-52	63976-23		GROMMET	2	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
54A-53	62833-36		WASHER - Fuel selector valve stem	1	
-54	62833-11		WASHER - Rod assembly	2	
	407 584	W	WASHER - (AN960-10L)	1	
	424 051	W	COTTER PIN - (MS24665-132)	1	
-55	410 046	W	SCREW - (MS24694-S59)	2	
	407 564	W	WASHER - (AN960-10)	2	
	404 887	W	NUT - (MS20365-1032C)	2	
-56	424 175	W	PIN - (MS20392-2C13)	1	
	424 051	W	COTTER PIN - (MS24665-132)	1	
-57	424 053	W	COTTER PIN - MS24665-136)	3	
-58	415 267	W	SCREW - (8-32 x 1 1/2 L.)	2	
	494 004	W	WASHER - (PS10016-8)	2	
-59	400 053	W	BOLT - (AN3-6)	1	
	407 584	W	WASHER - (AN960-10L)	2	
	404 392	W	NUT - (AN320-3)	1	
	424 050	W	COTTER PIN - (MS24665-134)	1	
-60	416 098		SCREW - (MS35265-45)	4	
-61	424 058		COTTER PIN - (MS24665-281)	1	
-62	416 098		SCREW - (MS35265-45)	2	
	407 563	W	WASHER - (AN960-8)	2	
	404 910	W	NUT - (MS20365-832C)	2	
-63	407 570	W	WASHER - (AN960-916)	2	
-64	491 052	W	UNION - (AN815-6D)	2	
-65	454 983	W	CLAMP - (SAE TY E-8)	1	
-66	451 857	W	ADAPTER - (AN840-4D)	1	
-67	401 922		BOLT - (MS20074-04-07)	3	
	95061-176		BUSHING	3	
	62833-115		WASHER	3	
-68	434 129	W	GROMMET - (MS35489-9)	3	
-69	98580-02		CLAMP - Electric fuel pump	2	

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

--- **PIPER PARTS CATALOG** ---

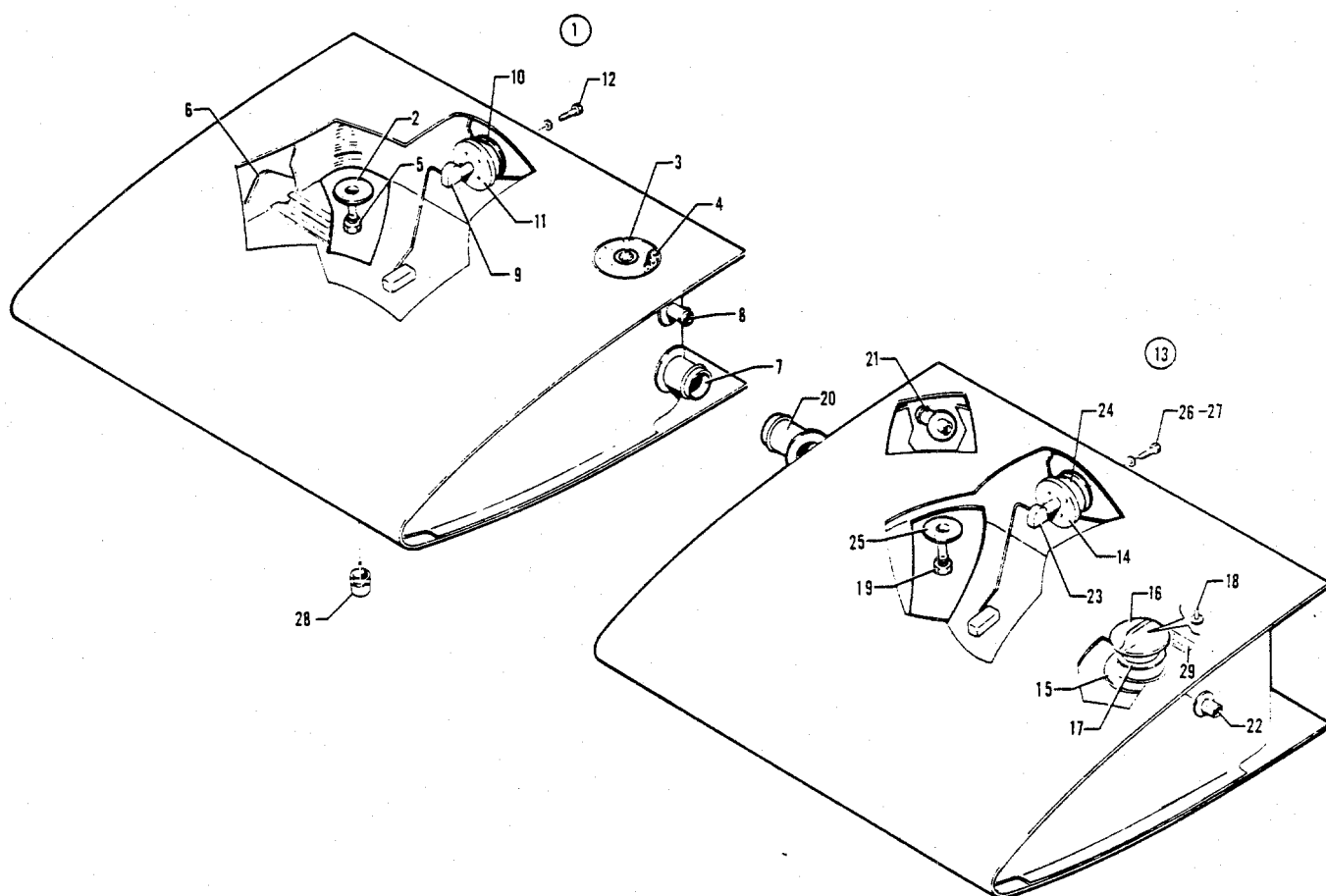


Figure 55. Fuel Tank Assemblies

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 55

W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
55-	38121		DRAWING - Wing Installation		
-1	95071-04		TANK ASSEMBLY - Fuel, inboard, left	1	
	95071-05		TANK ASSEMBLY - Fuel, inboard, right	1	
-2	62033-00		* PLATE - Drain	1	
-3	38230-02		* GAUGE ASSEMBLY - Fuel tank	1	
-4	38230-04		* GASKET - Fuel gauge	1	
-5	491 806		* DRAIN - Fuel (F391-187B)	1	
-6	96871-00		* OUTLET ASSEMBLY - Fuel tank, left	1	
	96871-01		* OUTLET ASSEMBLY - Fuel tank, right	1	
-7	95067-00		* FITTING ASSEMBLY - Tank interconnect	1	
-8	96288-00		* TUBE ASSEMBLY - Fuel tank vent	1	
-9	550 503		* SENDER - Fuel (PS10013-5)	1	
-10	755 049		* * GASKET - Fuel sender (15-716)	1	
-11	62044-00		* PLATE - Fuel tank	1	
-12	401 266	W	* BOLT - (AN3-5A)	5	
	407 043	W	* WASHER - Spring (MS35338-43)	5	
	407 564	W	* WASHER - (AN960-10)	5	
-13	95070-04		TANK ASSEMBLY - Fuel, outboard, left	1	
	95070-05		TANK ASSEMBLY - Fuel, outboard, right	1	
-14	62044-00		* PLATE - Fuel tank	1	
-15	69785-00		* NECK ASSEMBLY - Filler	1	
-16	66817-00		* CAP ASSEMBLY - Fuel tank	1	
-17	66815-00		* * GASKET - Fuel cap	1	
-18	492 153		* * VALVE - Fuel cap vent (VA3123)	1	
-19	491 806		* DRAIN - Fuel (F391-187B)	1	
-20	95067-00		* FITTING ASSEMBLY - Tank interconnect	1	
-21	96288-00		* TUBE ASSEMBLY - Fuel tank vent	1	
-22	95068-00		* FITTING - Tank vent	1	
-23	550 504		* SENDER - Fuel (PS10013-6)	1	
-24	755 049		* * GASKET - Fuel sender (15-716)	1	
-25	62033-00		* PLATE - Drain	1	
-26	401 266	W	* BOLT - (AN3-5A)	5	
	407 043	W	* WASHER - Spring (MS35338-43)	5	
	407 564	W	* WASHER - (AN960-10)	5	
-27	494 191		* WASHER - Insulating (PS10063-4)	5	
-28	67728-00		SAMPLER - Fuel	1	
-29	69669-82		PLACARD - Fuel capacity	2	

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

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PA-32RT

LANCE II

PARTS CATALOG

CARD 2 OF 2

PA-32RT-300

PA-32RT-300T

PIPER AIRCRAFT CORPORATION

WARNING

The information contained in this manual is periodically revised. Piper Aircraft Corporation urges all users of this manual to keep it current. Contact your nearest Piper Aircraft Corporation distributor to arrange for a subscription to future revisions.

NOTE

Revision service is available in microfiche format only.

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 1A8 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-32RT Parts Catalog issued October 28, 1977 are as follows:

761 640 (PR780911).....	Dated September 1978
761 640 (PR790509).....	Dated May 1979
761 640 (PR800415).....	Dated April 1980
761 640 (PR810410).....	Dated April 1981
761 640 (PR830113).....	Dated January 1983

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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PIPER PARTS CATALOG

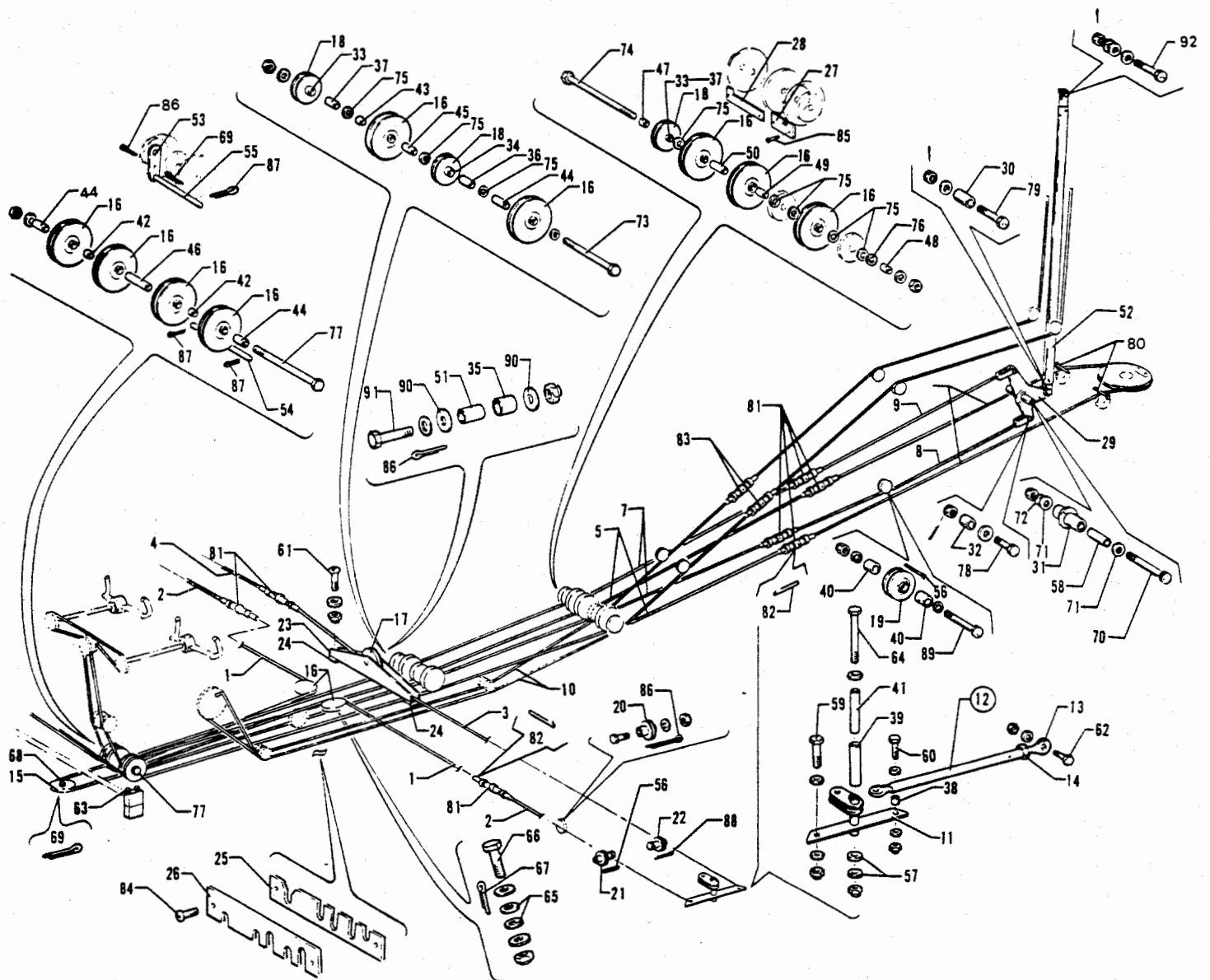


Figure 56. Control System Installation

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CODE EXPLANATIONS FOR FIGURE 56

W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
56-	78907		DRAWING - Control System Installation		
-1	62701-36		CABLE ASSEMBLY - Aileron, forward	2	
-2	62701-03		CABLE ASSEMBLY - Aileron, wing	2	
-3	62701-48		CABLE ASSEMBLY - Aileron balance, left	1	
-4	62701-05		CABLE ASSEMBLY - Aileron balance, right	1	
-5	62701-37		CABLE ASSEMBLY - Rudder, forward	2	
-6	62701-157		CABLE ASSEMBLY - Rudder, aft	1	
-7	62701-40		CABLE ASSEMBLY - Stabilator, forward, left	1	
	62701-37		CABLE ASSEMBLY - Stabilator, forward, right	1	
-8	62701-159		CABLE ASSEMBLY - Stabilator, aft, left	1	
-9	62701-158		CABLE ASSEMBLY - Stabilator, aft, right	1	
-10	62701-41		CABLE ASSEMBLY - Stabilator trim, forward	2	
-11	95680-00		BELLCRANK ASSEMBLY - Aileron, left	1	
	95680-01		BELLCRANK ASSEMBLY - Aileron, right	1	
-12	62766-00		ROD ASSEMBLY - Aileron	2	
-13	452 334		BEARING - Rod end (PS10020-1-6RX)	1	
-14	404 322	W	NUT - (AN316-4R)	1	
-15	481 625		PULLEY - (MS20220-2)	1	
-16	41001-10		PULLEY - Fiber, 2 3/4"	11	
-17	62711-02		PULLEY	1	
-18	62711-03		PULLEY	3	
-19	481 651	W	PULLEY - (MS20220-1)	1	
-20	481 651	W	PULLEY - (MS20220-1)	2	
	401 189	W	BOLT - (AN5-11A)	2	
	407 566	W	WASHER - (AN960-516)	2	
	404 889	W	NUT - (MS20365-524C)	2	
-21	62711-02		PULLEY	2	
	62713-04		BUSHING - Outer	2	
	65003-47		BUSHING - Inner	1	
	401 315	W	BOLT - (AN4-15A)	2	
	407 565	W	WASHER - (AN960-416)	2	
-22	62711-05		PULLEY	2	
	62713-04		BUSHING - Outer	2	
	65003-47		BUSHING - Inner	2	
	401 315	W	BOLT - (AN4-15A)	2	
	407 565	W	WASHER - (AN960-416)	2	
-23	68470-00		BRACKET - Pulley	1	
-24	62762-00		FILLER BLOCK	2	
-25	68453-00		FAIRLEAD - Spar box	1	
-26	68454-00		FAIRLEAD - Spar box	1	
-27	99430-00		FAIRLEAD - Controls, left	1	
-28	99429-00		FAIRLEAD - Controls, right	1	
-29	38391-02		BELLCRANK ASSEMBLY - Stabilator	1	
-30	452 719		BEARING - (PS10020-7-17)	1	
-31	78919-02		BUSHING ASSEMBLY	1	
-32	95061-148		BUSHING	2	
-33	62715-02		BEARING	2	
-34	62715-03		BEARING	1	
-35	62713-03		BUSHING - Outer	1	
-36	62714-02		BEARING - Inner	1	
-37	62714-03		BEARING - Inner	2	
-38	63900-31		BUSHING	2	
-39	63882-41		BUSHING - Bellcrank	2	
-40	95061-04		BUSHING	2	
-41	95061-54		BUSHING - Bellcrank	2	
-42	62743-02		SPACER - Bushing	2	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
56-43	62743-03		SPACER - Bushing	1	
-44	62743-04		SPACER - Bushing	3	
-45	62743-05		SPACER - Bushing	1	
-46	62743-06		SPACER - Bushing	1	
-47	62743-08		SPACER - Bushing	1	
-48	62743-09		SPACER - Bushing	1	
-49	62743-10		SPACER - Bushing	1	
-50	62743-11		SPACER - Bushing	1	
-51	62712-03		BEARING - Inner	1	
-52	78918-02		PUSH ROD ASSEMBLY - Stabilator	1	
-53	62709-00		GUARD - Pin holder	1	
-54	62710-02		PIN - Cable guard	1	
-55	62710-03		PIN - Cable guard	1	
-56	424 513		PIN - (NAS427K-19)	3	
-57	95675-00		WASHER	4	
-58	95061-150		SPACER - Stabilator bellcrank	1	
-59	402 679		BOLT - (NAS1104-13)	2	
	407 565	W	WASHER - (AN960-416)	6	
	406 974	W	NUT - (NAS1022-C4)	2	
-60	400 674	W	BOLT - (AN23-12)	4	
	407 567	W	WASHER - (AN960-10)	16	
	404 392	W	NUT - (AN320-3)	4	
	424 051	W	COTTER PIN - (MS24665-132)	4	
-61	401 266	W	BOLT - (AN3-5A)	2	
	404 564	W	WASHER - (AN960-10)	2	
	404 887	W	NUT - (MS20365-1032C)	2	
-62	400 443	W	BOLT - (AN3-12A)	2	
	404 564	W	WASHER - (AN960-10)	2	
	404 887	W	NUT - (MS20365-1032C)	2	
-63	400 456	W	BOLT - (AN3-31A)	4	
	404 887	W	NUT - (MS20365-1032C)	4	
-64	400 496		BOLT - (AN3-73A)	2	
	407 564	W	WASHER - (AN960-10)	2	
	407 584	W	WASHER - (AN960-10L)	2	
	404 887	W	NUT - (MS20365-1032C)	2	
-65	407 586	W	WASHER - (AN960-516L)	4	
-66	401 188	W	BOLT - (AN5-10A)	2	
	407 566	W	WASHER - (AN960-516)	2	
	404 889	W	NUT - (MS20365-524C)	2	
-67	424 052	W	COTTER PIN - (MS24665-134)	4	
-68	401 353	W	BOLT - (AN5-12A)	1	
	407 566	W	WASHER - (AN960-516)	1	
	404 889	W	NUT - (MS20365-524C)	1	
-69	424 054	W	COTTER PIN - (MS24665-140)	3	
-70	400 121		BOLT - (AN4-30)	1	
	404 101	W	NUT - (AN310-4)	1	
	424 051	W	COTTER PIN - (MS24665-132)	1	
-71	407 585	W	WASHER - (AN960-416L)	2	
-72	407 565	W	WASHER - (AN960-416)	2	
-73	401 378		BOLT - (AN5-53A)	1	
	407 566	W	WASHER - (AN960-516)	4	
	404 889	W	NUT - (MS20365-524C)	1	
-74	401 187	W	BOLT - (AN5-70A)	1	
	407 566	W	WASHER - (AN960-516)	3	
	404 889	W	NUT - (MS20365-524C)	1	
-75	407 567	W	WASHER - (AN960-616)	10	
-76	407 566	W	WASHER - (AN960-516)	6	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
56-77	401 385		BOLT - (AN5-64A)	1	
	407 566	W	WASHER - (AN960-516)	2	
	404 889	W	NUT - (MS20365-524C)	1	
-78	400 673	W	BOLT - (AN23-11)	2	
	407 584	W	WASHER - (AN960-10L)	2	
	404 392	W	NUT - (AN320-3)	2	
	424 051	W	COTTER PIN - (MS24665-132)	2	
-79	400 107		BOLT - (AN4-12)	1	
	407 565	W	WASHER - (AN960-416)	2	
	404 101	W	NUT - (AN310-4)	1	
	424 051	W	COTTER PIN - (MS24665-132)	1	
-80	424 508	W	PIN - (NAS427-K-14)	2	
-81	489 910	W	BARREL - Turnbuckle (MS21251-B5S)	7	
-82	554 979	W	CLIP - (MS21256-1)	14	
-83	452 015		BARREL - (NAS649B8S) Stabilator trim	2	
-84	415 521	W	SCREW - (MS35206-231)	2	
-85	415 535	W	SCREW - (MS35206-245)	4	
-86	424 053	W	COTTER PIN - (MS24665-136)	3	
-87	424 051	W	COTTER PIN - (MS24665-132)	4	
-88	424 062		COTTER PIN - (MS24665-289)	2	
-89	401 193		BOLT - (AN5-15A)	1	
	407 586	W	WASHER - (AN960-516L)	2	
-90	407 566	W	WASHER - (AN960-516)	2	
-91	400 008	W	BOLT - (AN4-13A)	1	
	407 565	W	WASHER - (AN960-416)	2	
	404 888	W	NUT - (MS20365-428C)	1	
-92	400 107		BOLT - (AN4-12)	1	
	407 565	W	WASHER - (AN960-416)	3	
	404 101	W	NUT - (AN310-4)	1	
	424 051	W	COTTER PIN - (MS24665-132)	1	

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--- **PIPER PARTS CATALOG** ---

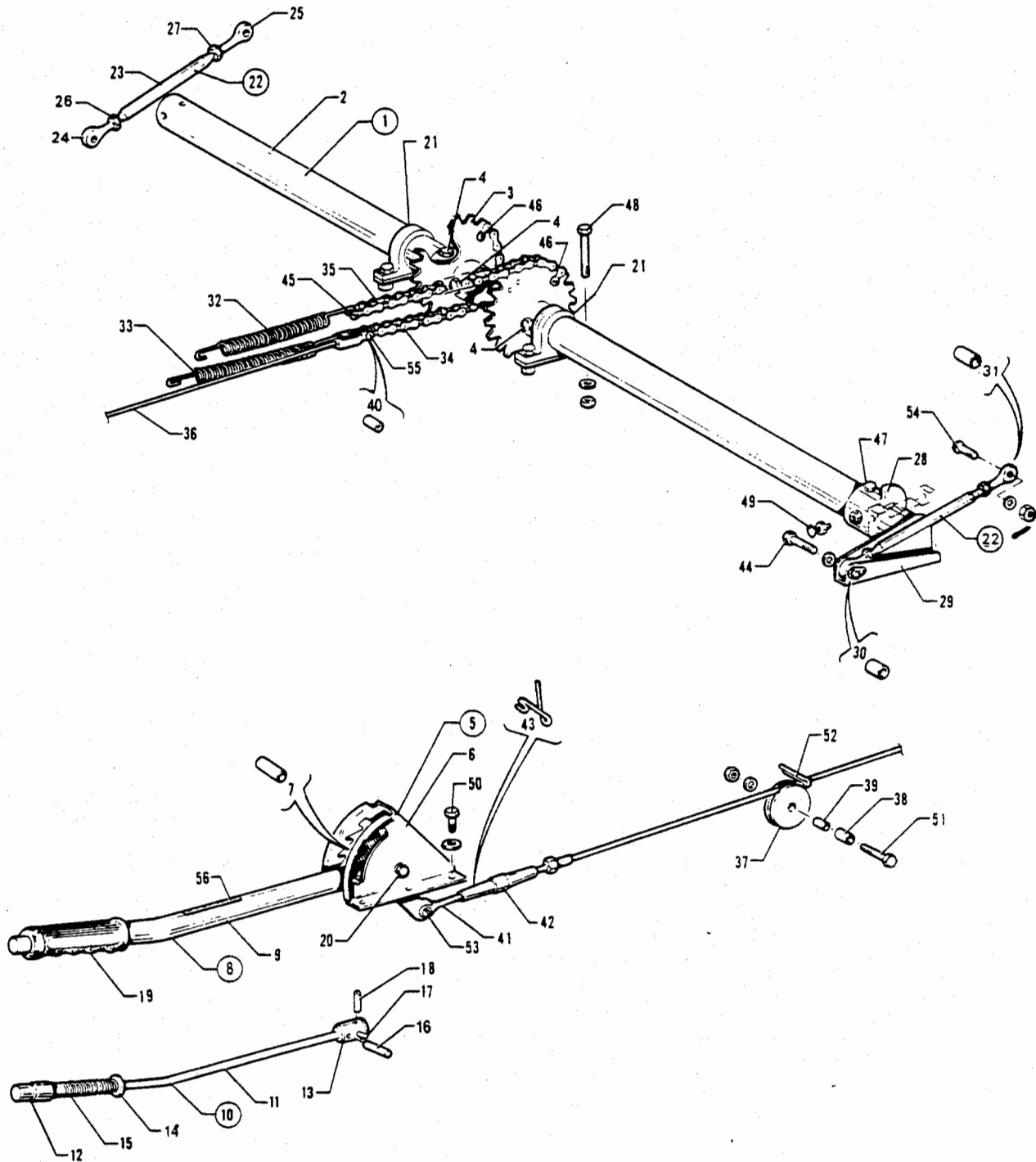


Figure 57. Flap Control Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 57

W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
57-	78907		DRAWING - Control System Installation		
-1	68451-00		FLAP TORQUE TUBE ASSEMBLY - Complete	1	
-2	68452-00		* TORQUE TUBE - Flap	1	
-3	62789-00		* SPROCKET ASSEMBLY - Flap torque tube	2	
-4	400 011	W	* BOLT - (AN4-16A)	4	
	407 585	W	* WASHER - (AN960-416)	4	
	404 836	W	* NUT - (MS20365-428C)	4	
-5	62706-09		LEVER ASSEMBLY - Flap control	1	
-6	69292-02		* BRACKET ASSEMBLY - Flap lever	1	
-7	62740-00		* BUSHING - Flap lever	1	
-8	63782-06		* HANDLE ASSEMBLY - Flap lever	1	
-9	38438-02		* * TUBE ASSEMBLY - Flap lever	1	
-10	63391-03		* * PLUNGER ASSEMBLY - Flap lever	1	
-11	63391-02		* * * TUBE - Plunger	1	
-12	62733-00		* * * PLUG - Plunger, upper	1	
-13	62734-02		* * * PLUG - Plunger, lower (.252 pin hole)	1	
-14	62736-00		* * * WASHER	1	
-15	50111-00	W	* * * SPRING	1	
-16	480 696	W	* * * PIN - Roll (59-022-094-0625)	2	
-17	63782-03		* * PIN - Solid (.250 diameter)	1	
-18	480 812	W	* * PIN - Roll (52-012-062-0625) 5/8" L.	1	
-19	63779-00		* * GRIP - Flap lever	1	
-20	401 274	W	* BOLT - (AN3-15A)	1	
	407 564	W	* WASHER - (AN960-10)	2	
	404 887	W	* NUT - (MS20365-1032C)	1	
-21	35402-00		CLAMP ASSEMBLY - Torque shaft support	2	
-22	62764-00		ROD ASSEMBLY - Flap tube	2	
-23	62764-02		* TUBE - Flap	1	
-24	452 335	W	* BEARING - (F34-14)	1	
-25	452 336		* BEARING - (FL34-14)	1	
-26	404 322	W	* NUT - (AN316-4R)	1	
-27	404 320		* NUT - (AN316-4L)	1	
-28	62856-00		FITTING ASSEMBLY - Left	1	
	62856-01		FITTING ASSEMBLY - Right	1	
-29	62727-00		TUBE ASSEMBLY - Flap torque tube, left	1	
	62727-01		TUBE ASSEMBLY - Flap torque tube, right	1	
-30	63900-38		BUSHING - Flap rod end	2	
-31	63900-39		BUSHING - Flap rod end	2	
-32	62820-00		SPRING - Flap return	1	
-33	62821-00		SPRING - Flap cable tension	1	
-34	62858-03		CHAIN - 65 diamond 1/8 roller, length 8.5"	1	
-35	62858-04		CHAIN - 65 diamond 1/8 roller, length 6.0"	1	
-36	62701-166		CABLE ASSEMBLY - Flap	1	
-37	62711-02		PULLEY - Flap	1	
-38	62713-02		BEARING	1	
-39	62712-02		BEARING - Inner	1	
-40	82732-76	W	BUSHING	1	
-41	461 136	W	FORK - (NAS645-22RS)	1	
-42	489 910	W	BARREL - Turnbuckle (MS21251-B5S)	1	
-43	554 979	W	CLIP - (MS21256-1)	2	
-44	400 443	W	BOLT - (AN3-12A)	2	
	407 564	W	WASHER - (AN960-10)	2	
-45	400 562		BOLT - (AN21-8)	1	
	407 562	W	WASHER - (AN960-6)	1	
	404 391		NUT - (AN320-1)	1	
	424 041		COTTER PIN - (MS24665-5)	1	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
57-46	400 653		BOLT - Clevis (AN21-9)	2	
	407 562	W	WASHER - (AN960-6)	8	
	404 391		NUT - (AN320-1)	2	
	424 041		COTTER PIN - (MS24665-5)	2	
-47	401 318	W	BOLT - (AN4-20A)	4	
	407 565	W	WASHER - (AN960-416)	4	
	404 888	W	NUT - (MS20365-428C)	4	
-48	400 440	W	BOLT - (AN3-6A)	4	
	407 564	W	WASHER - (AN960-10)	4	
	404 887	W	NUT - (MS20365-1032C)	4	
-49	417 781	W	SCREW - (MS35207-269)	2	
	404 224	W	NUT - (AN315-3R)	2	
-50	400 438	W	BOLT - (AN3-4A)	6	
-51	400 004	W	BOLT - (AN4-7A)	1	
	407 585	W	WASHER - (AN960-416L)	1	
	404 888	W	NUT - (MS20365-428C)	1	
-52	424 052	W	COTTER PIN - (MS24665-134)	1	
-53	400 672	W	BOLT - Clevis (AN23-10)	1	
	407 564	W	WASHER - (AN960-10)	1	
	404 392	W	NUT - (AN320-3)	1	
	424 051	W	COTTER PIN - (MS24665-132)	1	
-54	400 680		BOLT - Clevis (AN23-18)	2	
	407 564	W	WASHER - (AN960-10)	2	
	404 100	W	NUT - Castle (AN310-3)	2	
	424 051	W	PIN - Cotter (MS24665-132)	2	
-55	400 653		BOLT - Clevis (AN21-9)	1	
	404 391		NUT - (AN320-1)	1	
	424 041		COTTER PIN - (MS24665-5)	1	
-56	35669-27		PLACARD - Flap lever	1	

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

PIPER PARTS CATALOG

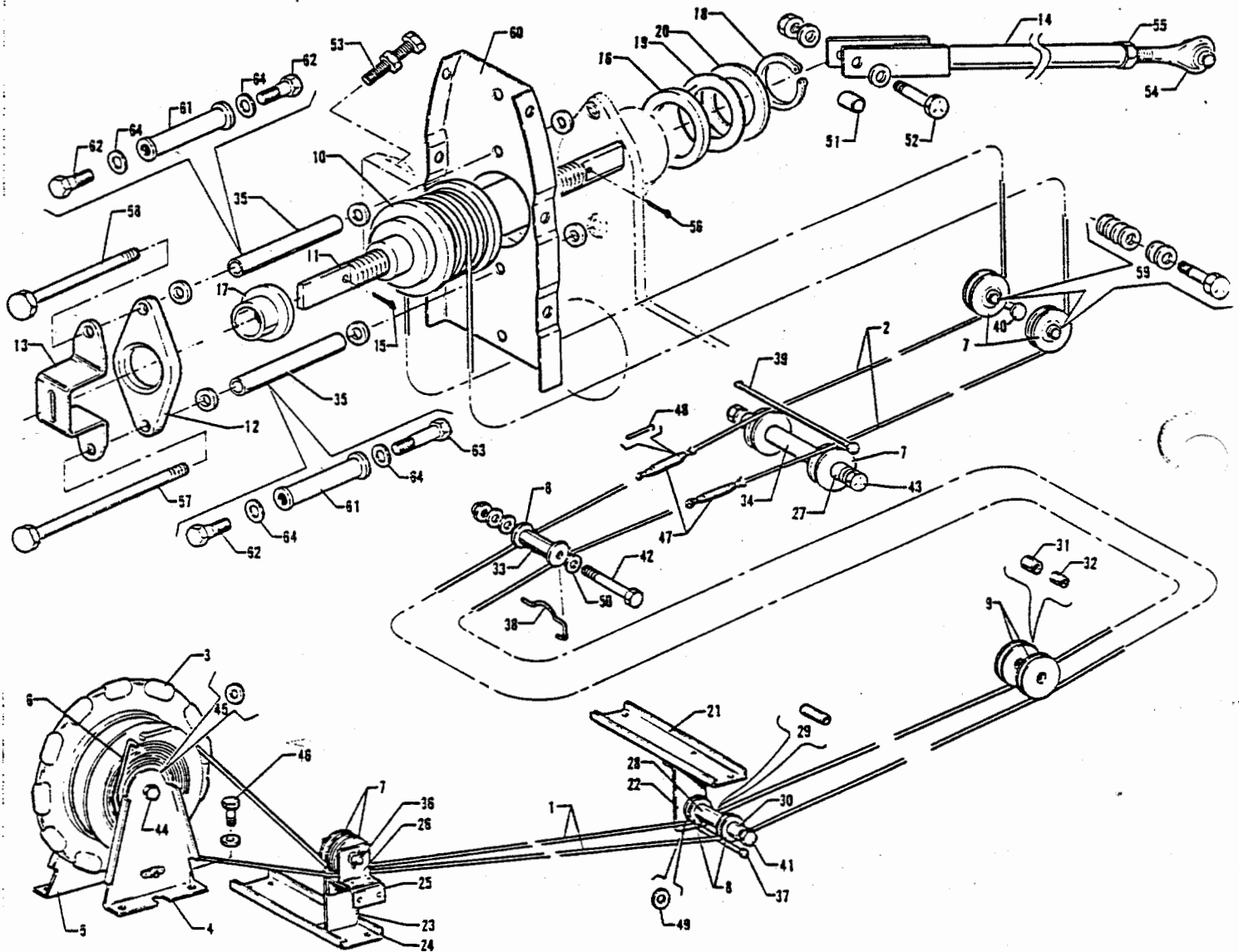


Figure 58. Stabilator Trim Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 58

- A - Used on PA-32RT-300 with serial numbers 32R-7885001 to 32R-7885052 inclusive, and PA-32RT-300T with serial numbers 32R-7887001 to 32R-7887006 inclusive.
- B - Used on PA-32RT-300 with serial numbers 32R-7885053 and up, and PA-32RT-300T with serial numbers 32R-7887007 and up.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
58-	78907		DRAWING - Control System Installation		
-1	62701-41		CABLE ASSEMBLY - Forward stabilator trim	2	
-2	62701-137		CABLE ASSEMBLY - Aft stabilator trim	2	
-3	68414-03		WHEEL ASSEMBLY - Trim tab	1	
-4	68739-00		BRACKET ASSEMBLY - Trim tab	1	
-5	68486-00		BRACKET - Trim tab	1	
-6	68488-02		INDICATOR - Stabilator trim	1	
-7	481 640		PULLEY - (MS24566-1B)	6	
-8	62711-04		PULLEY - Stabilator trim	4	
-9	62711-03		PULLEY - Stabilator trim	2	
-10	78925-02	A	BARREL - Stabilator trim	1	
	78925-03	B	BARREL - Stabilator trim	1	
-11	78926-02		SCREWJACK - Stabilator trim	1	
-12	78969-02		RETAINER - Stabilator trim barrel	1	
-13	78970-02		GUIDE - Stabilator trim screw	1	
-14	78921-04		PUSHROD ASSEMBLY - Stabilator trim	1	
-15	424 123		PIN - (MS24665-368)	1	
-16	452 628		BEARING - (TT-1602)	1	
-17	452 626		BEARING - (FF-1011-2)	1	
-18	484 855		SNAP RING - (5108-100)	1	
-19	62833-108		SHIM	AR	
-20	407 572		WASHER - (AN960-1616L)	1	
-21	68475-00		CHANNEL - Stabilator tunnel wall	1	
-22	68474-00		BRACKET - Stabilator trim pulley	1	
-23	68478-00		BRACKET - Stabilator trim pulley	1	
-24	68477-00		CHANNEL - Stabilator trim	1	
-25	68480-00		BRACKET - Stabilator trim pulley	1	
-26	68479-00		BRACKET - Stabilator trim pulley	1	
-27	95061-159		BUSHING	2	
-28	63900-58		BUSHING - Stabilator trim pulley	1	
-29	63900-57		BUSHING - Stabilator trim pulley	1	
-30	63900-62		BUSHING - Stabilator trim pulley	1	
-31	62715-02		BUSHING - Trim tab	2	
-32	62714-03		BUSHING - Trim tab	1	
-33	63900-60		BUSHING - Stabilator trim pulley	1	
-34	95061-160		BUSHING - Stabilator trim pulley	1	
-35	86700-10	A	BUSHING	2	
-36	424 180		PIN - (MS20392-2C23)	1	
	407 584	W	WASHER - (AN960-10L)	1	
	424 051	W	COTTER PIN - (MS24665-132)	1	
-37	69851-00		PIN - Retainer	1	
	406 369		NUT - (A1037-012-3)	2	
-38	99856-00		PIN - Cable guard	1	
-39	424 542		PIN - (NAS427K-64)	1	
-40	424 504		PIN - (NAS427K-10)	2	
-41	400 449	W	BOLT - (AN3-24A)	1	
	407 584	W	WASHER - (AN960-10L)	1	
	404 887	W	NUT - (MS20365-1032C)	1	
-42	400 446	W	BOLT - (AN3-16A)	1	
	407 584	W	WASHER - (AN960-10L)	1	
	404 887	W	NUT - (MS20365-1032C)	1	
-43	400 467	W	BOLT - (AN3-44A)	1	
	407 564	W	BOLT - (AN960-10)	2	
	404 887	W	NUT - (MS20365-1032C)	1	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
58-44	400 446	W	BOLT - (AN3-16A)	1	
	63900-61		BUSHING	1	
	407 584	W	WASHER - (AN960-10L)	1	
	404 887	W	NUT - (MS20365-1032C)	1	
-45	62833-37		WASHER	1	
-46	400 438	W	BOLT - (AN3-4A)	2	
	407 564	W	WASHER - (AN960-10)	2	
-47	452 015		BARREL - (NAS649B8S)	2	
-48	554 979	W	CLIP - (MS21256-1)	4	
-49	407 565	W	WASHER - (AN960-416)	1	
-50	407 585	W	WASHER - (AN960-416L)	2	
-51	452 625		BEARING - (NAS76A3-014)	1	
-52	401 269	W	BOLT - (AN3-10A)	1	
	407 564	W	WASHER - (AN960-10)	2	
	404 887	W	NUT - (MS20365-1032C)	1	
-53	553 267		SCREW - (NKN428-3-10)	2	
	404 224	W	NUT - (AN315-3R)	2	
-54	452 439	W	BEARING - (PS10020-17-1R)	1	
-55	404 323		NUT - (AN316-5R)	1	
-56	424 123		COTTER PIN - (MS24665-368)	1	
-57	400 457	A	BOLT - (AN3-32A)	1	
	407 594	A	WASHER - (AN960-PD10L)	AR	
	407 564	A,W	WASHER - (AN960-10)	3	
	407 584	A,W	WASHER - (AN960-10L)	2	
	404 887	A,W	NUT - (MS20365-1032C)	1	
-58	401 279	A,W	BOLT - (AN3-25A)	1	
	407 564	A,W	WASHER - (AN960-10)	3	
	404 887	A,W	NUT - (MS20365-1032C)	1	
-59	400 441	W	BOLT - (AN3-7A)	2	
	407 564	W	WASHER - (AN960-10)	10	
	407 584	W	WASHER - (AN960-10L)	2	
-60	38378-02		FRAME ASSEMBLY - Fin tip support	1	
-61	38458-02	B	SPACER	2	
-62	401 264	B	BOLT - (AN3H-4A)	3	
-63	401 893	B	BOLT - (MS20073-03-11)	1	
-64	407 564	B,W	WASHER - (AN960-10)	4	

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

PIPER PARTS CATALOG

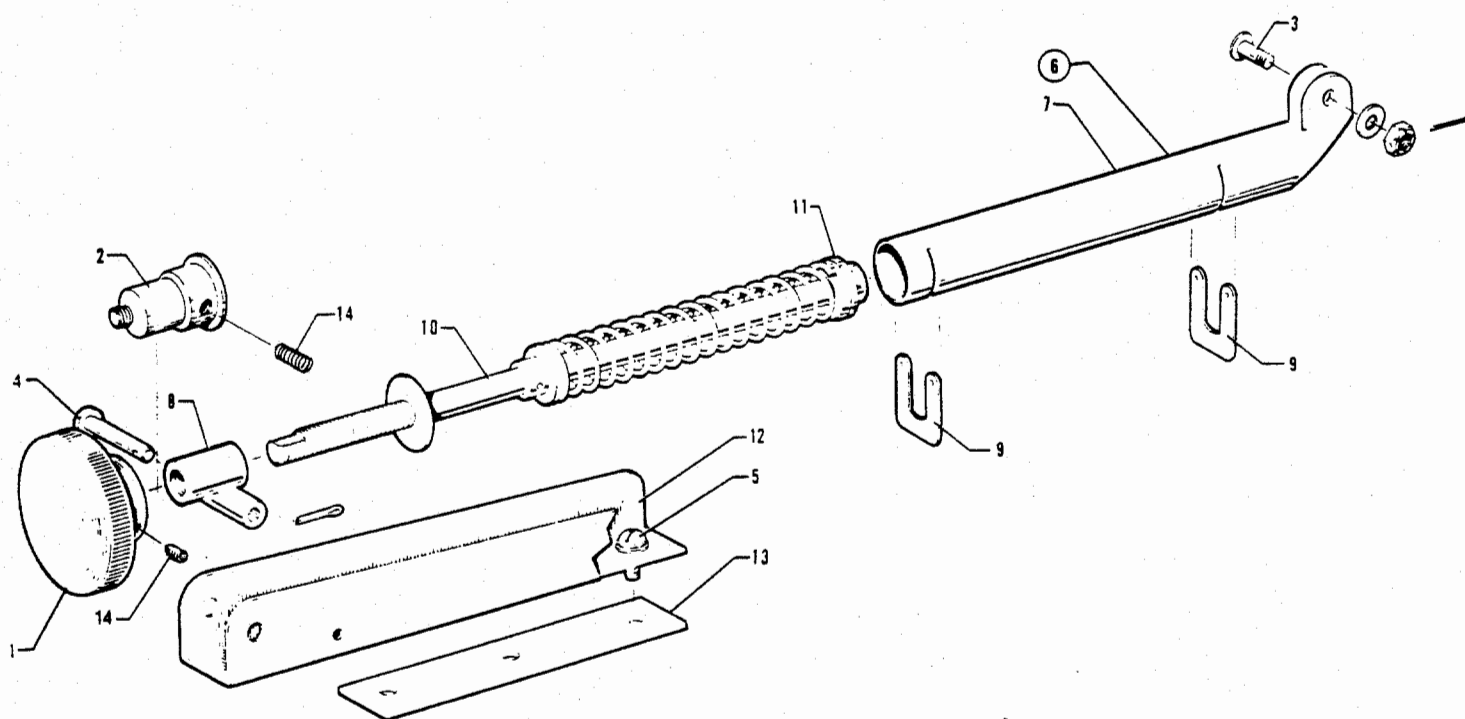


Figure 59 Rudder Trim Mechanism Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 59

W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
59-	78907 38409		DRAWING - Control System Installation DRAWING - Rudder Trim Mechanism Installation		
-1	62838-00		KNOB	1	
-2	69349-00		EXTENSION - Rudder trim shaft	1	
-3	400 672	W	BOLT - (AN23-10)	1	
	404 392	W	NUT - (AN320-3)	1	
	424 051	W	COTTER PIN - (MS24665-132)	1	
	407 584	W	WASHER - (AN960-10L)	1	
-4	424 185	W	PIN - Flat head (MS20392-2-33)	1	
	424 051	W	COTTER PIN - (MS24665-132)	1	
-5	415 535	W	SCREW - (MS35206-245)	3	
	407 583	W	WASHER - (AN960-8L)	7	
	404 833	W	NUT - (MS20364-832C)	1	
-6	38409-03		TRIM ASSEMBLY - Rudder	1	
-7	38407-02		* HOUSING - Rudder trim	1	
-8	62831-02		* BUSHING ASSEMBLY - Rudder trim	1	
-9	62832-00		* CLIP - Rudder trim	2	
-10	38408-02		* SHAFT ASSEMBLY - Rudder trim	1	
-11	62833-127		* WASHER	1	
-12	62837-00		CHANNEL - Rudder trim	1	
-13	62836-00		PLATE - Rudder trim	1	
-14	419 967		SCREW - Set (MS51964-132)	2	

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

PIPER PARTS CATALOG

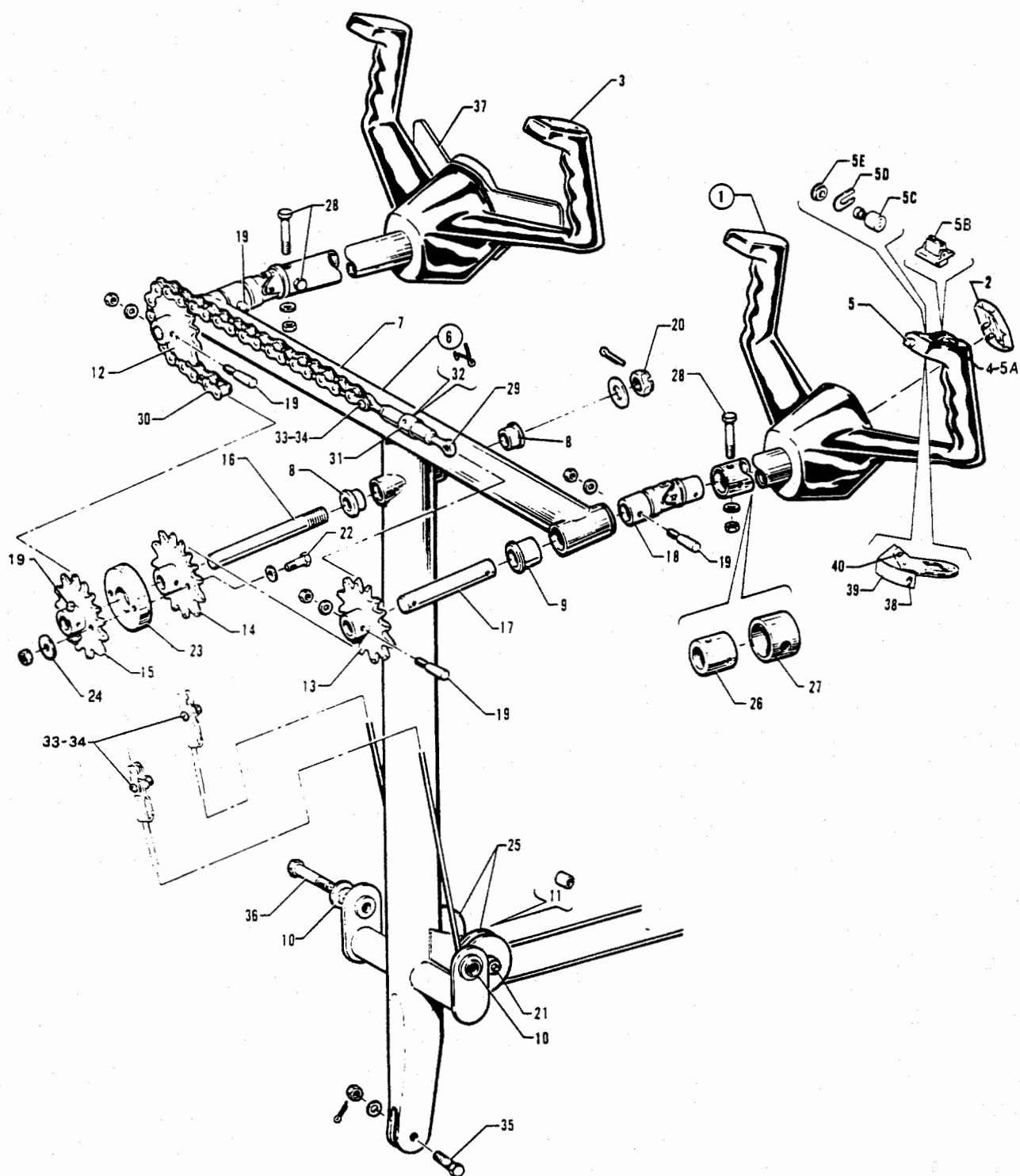


Figure 60. Control Wheel Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 60

- A - Used if boom mike only is installed.
- B - Used if boom mike with electric trim and AutoFlite II is installed.
- C - Control wheel assembly does not include switches. Order desired switches separately.
- D - Used if AltiMatic III C is installed.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
60-	78907		DRAWING - Control System Installation		
-1	79276-12	C	WHEEL ASSEMBLY - Control (both grips cored)	2	
-2	79275-00		* MEDALLION - Control wheel	1	
-3	67491-00		* PLATE - Control wheel cover (standard)	1	
	67491-03	A	* PLATE - Control wheel cover	1	
-4	79652-03		SWITCH ASSEMBLY - Electric trim	1	
-5	67463-00		SWITCH ASSEMBLY - AutoFlite	1	
-5a	96994-03	D	SWITCH ASSEMBLY - AltiMatic III C	1	
-5b	587 862	D	* SWITCH - Manual electric trim (1C670)	1	
-5c	762 226	D	* SWITCH - Trim interrupt A/P disc. (40S77)	1	
-5d	15660-02	D,W	ADAPTER - Trim interrupt A/P disc. switch	1	
-5e	15661-02	D,W	ADAPTER - Trim interrupt A/P disc. switch	1	
-6	62019-04		CONTROL COLUMN ASSEMBLY	1	
-7	62703-34		* TEE BAR ASSEMBLY - Control column	1	
-8	452 372		* * BEARING - (F-504-2)	2	
-9	452 389		* BEARING - (F-825-2)	4	
-10	452 388		* BEARING - (F4DD)	2	
-11	67212-04		* BUSHING - Control column pulley	2	
-12	62845-02		* SPROCKET - Control column, right	1	
-13	62839-00		* SPROCKET ASSEMBLY - Control column, left	1	
-14	62778-00		* SPROCKET - Control column, center rear	1	
-15	63404-00		* SPROCKET - Control column, center rear	1	
-16	69077-00		* SHAFT - Control column, center	1	
-17	62716-07		* SHAFT - Control column	2	
-18	62834-02		* UNIVERSAL JOINT - Control column	2	
-19	480 730		* PIN - (AN386-1-6A)	5	
	494 093		* WASHER - (AN975-3)	5	
	404 835	W	* NUT - (MS20364-1032C)	5	
-20	407 568	W	* WASHER - (AN960-716)	1	
	404 104	W	* NUT - (AN310-7)	1	
	424 060	W	* COTTER PIN - (MS24665-285)	1	
-21	401 333		* BOLT - (AN4-35A)	1	
	407 565	W	* WASHER - (AN960-416)	4	
	404 888	W	* NUT - (MS20365-428C)	1	
-22	401 269	W	* BOLT - (AN3-10A)	2	
	407 564	W	* WASHER - (AN960-10)	2	
	407 584	W	* WASHER - (AN960-10L)	2	
	404 887	W	* NUT - (MS20365-1032C)	2	
-23	62782-00		* SPACER - Control column	1	
-24	62784-00		* WASHER - Control column	2	
-25	481 651	W	* PULLEY - Control column (MS20220-1)	2	
-26	68557-00		* BUSHING - Control column	2	
-27	67193-05		STOP - Tee bar, left (1.00 long)	1	
-28	66546-00		BOLT - Special	4	
	407 584	W	WASHER - (AN960-10L)	4	
	404 835	W	NUT - (MS20364-1032C)	4	
-29	62840-02		EYE BOLT - Turnbuckle, left	1	
	62840-03		EYE BOLT - Turnbuckle, right	1	
-30	62858-05		CHAIN - Control	2	
-31	489 910	W	BARREL - Turnbuckle (MS21251-B5S)	1	
-32	554 979	W	CLIP - Turnbuckle (MS21256-1)	2	
-33	82732-76	W	BUSHING - Control chain	4	
-34	400 653		BOLT - (AN21-9)	4	
	404 391		NUT - (AN320-1)	4	
	424 041		COTTER PIN - (MS24665-5)	4	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
60-35	400 056	W	BOLT - (AN3-11)	1	
	407 564	W	WASHER - (AN960-10)	1	
	404 392	W	NUT - (AN320-3)	1	
	424 051	W	COTTER PIN - (MS24665-132)	1	
-36	401 310	W	BOLT - (AN4-10A)	2	
	62833-85		WASHER - (O D. 1.50")	2	
	62833-86		WASHER - (O D. .75")	2	
	404 888	W	NUT - (MS20365-428C)	2	
-37	67984-02		CLIP ASSEMBLY - Map	1	
-38	487 904		SWITCH - Boom mike (39-1)	1	
-39	37729-02	B	BRACKET ASSEMBLY - Switch	1	
-40	35669-16		PLACARD - A P INTR.	1	

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

PIPER PARTS CATALOG

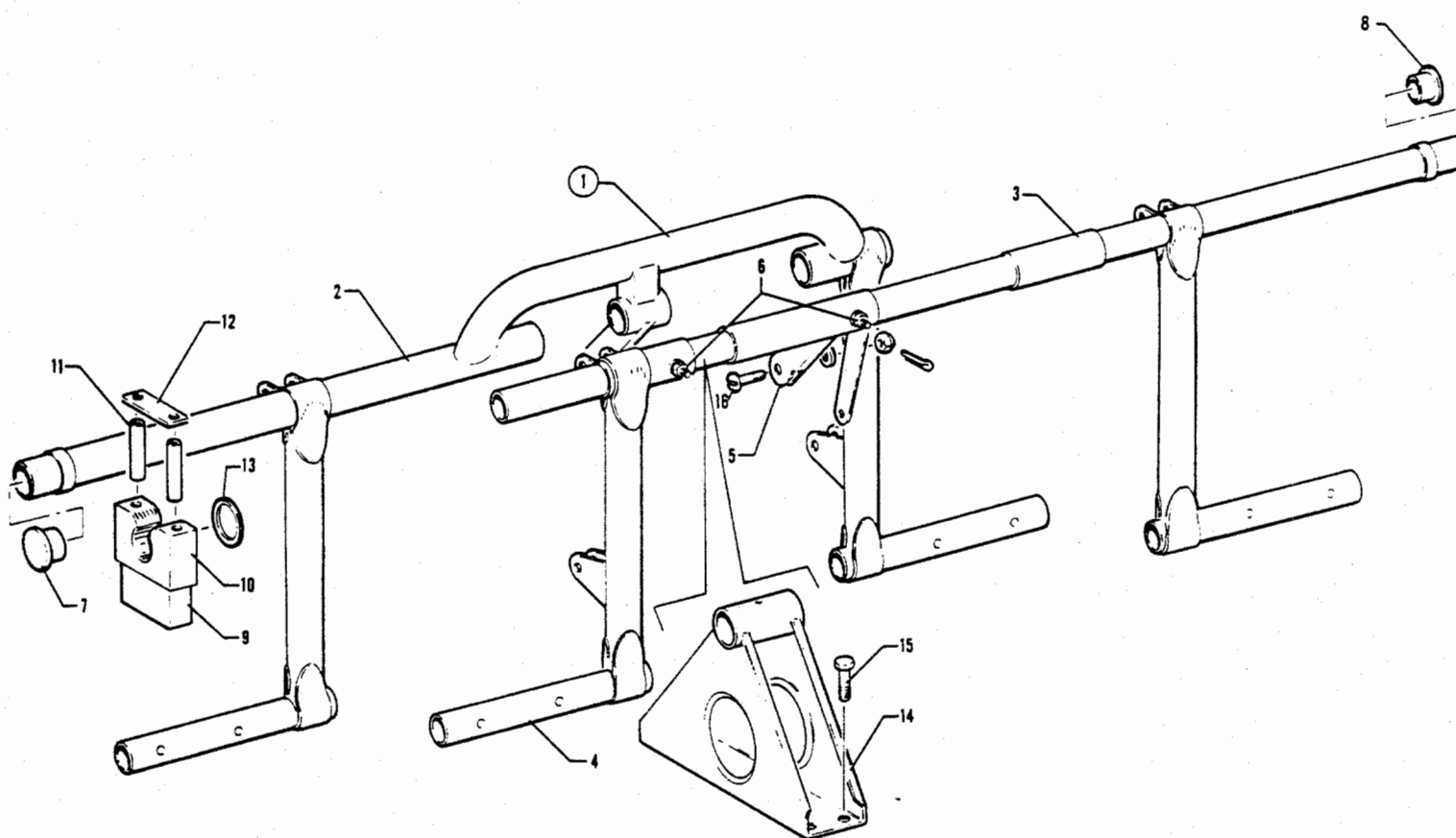


Figure 61. Rudder Pedal Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 61

W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
61-	78907		DRAWING - Control System Installation		
-1	63459-18		RUDDER PEDAL ASSEMBLY - Complete	1	
-2	63420-07		BAR ASSEMBLY - Rudder control, left	1	
-3	63419-02		BAR ASSEMBLY - Rudder control, right	1	
-4	63458-04		TUBE ASSEMBLY - Rudder control	1	
-5	63457-03		ARM ASSEMBLY - Rudder control	1	
-6	402 314		BOLT - (AN174-13A)	2	
	407 585	W	WASHER - (AN960-416)	4	
	404 836	W	NUT - (MS20364-428C)	2	
-7	581 330		PLUG - Rudder pedal assembly	1	
-8	581 332		PLUG - Rudder pedal assembly	1	
-9	63456-00		BLOCK - Rudder bar support, bottom	2	
-10	65050-00		BLOCK - Rudder bar support, top	2	
-11	65003-03		BUSHING - Rudder bar support	4	
-12	63455-00		PLATE - Rudder bar support	6	
-13	62833-17		WASHER - Rudder bar support	2	
-14	63451-00		SUPPORT ASSEMBLY - Rudder bar	1	
-15	400 438	W	BOLT - (AN3-4A)	4	
-16	400 673	W	BOLT - (AN23-11)	2	
	407 564	W	WASHER - (AN960-10)	2	
	404 392	W	NUT - (AN320-3)	2	
	424 051	W	COTTER PIN - (MS24665-132)	2	

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

--- **PIPER PARTS CATALOG** ---

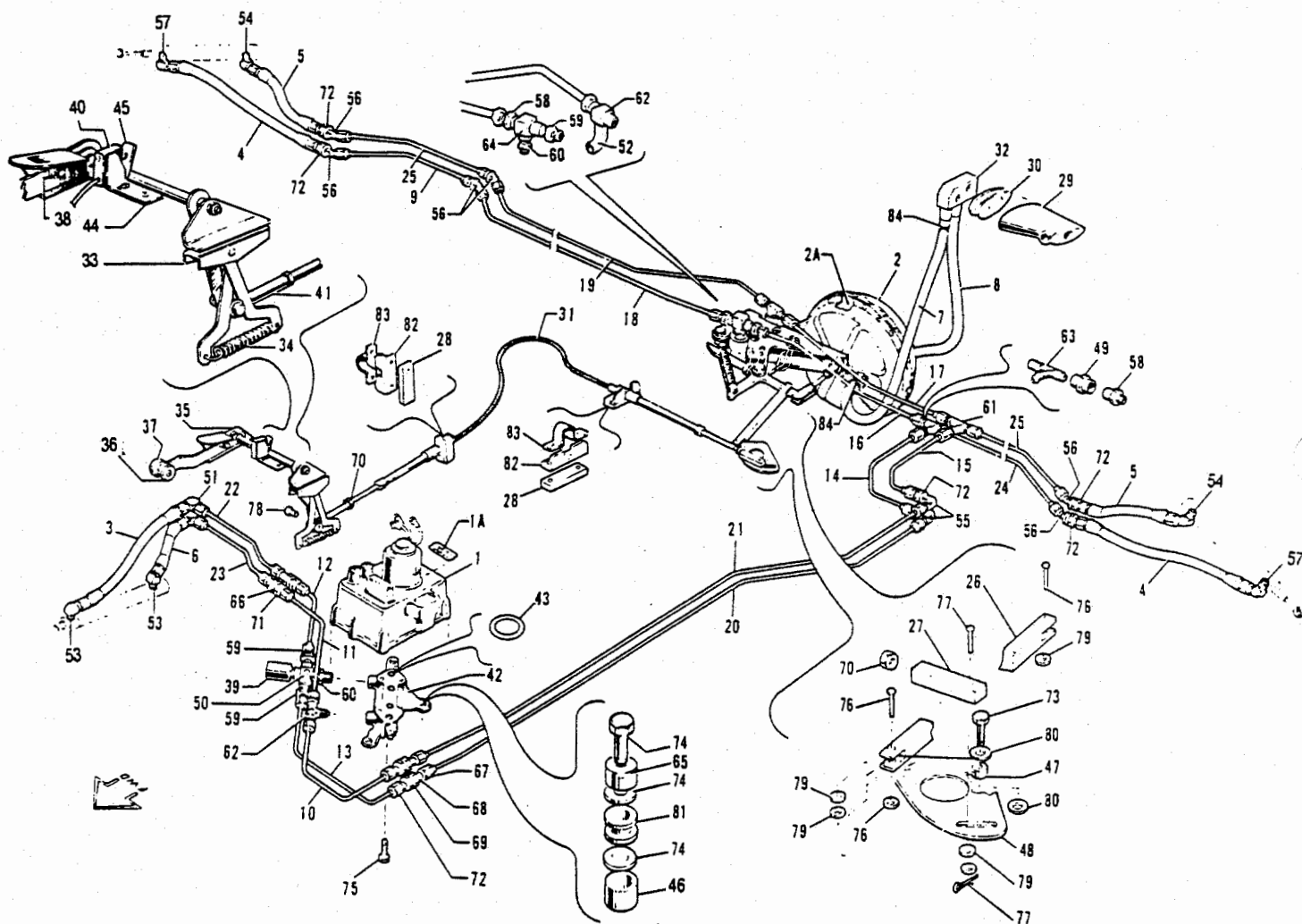


Figure 62. Hydraulic System Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 62

W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
62-	38039		DRAWING - Hydraulic Landing Gear Installation		
-1	96671-02		PUMP ASSEMBLY - Hydraulic	1	
-1a	87369-22		* PLACARD - Hydraulic fluid spec	1	
-2	67748-02		ACTUATOR ASSEMBLY - Back-up gear extender	1	
-2a	761 138		* DIAPHRAGM REPLACEMENT KIT	1	
-3	63901-09		HOSE ASSEMBLY - Nose gear cylinder	1	
-4	63901-21		HOSE ASSEMBLY - Main gear cylinder	2	
-5	63901-30		HOSE ASSEMBLY - Main gear cylinder	2	
-6	63901-31		HOSE ASSEMBLY - Nose gear cylinder	1	
-7	63913-68		HOSE ASSEMBLY - Flexible vacuum	1	
-8	63913-157		HOSE ASSEMBLY - Flexible vacuum	1	
-9	67700-07		TUBE ASSEMBLY - Main gear cylinder	1	
-10	67700-106		TUBE ASSEMBLY - Nose gear cylinder, top	1	
-11	67700-107		TUBE ASSEMBLY - Nose gear cylinder, top	1	
-12	67700-108		TUBE ASSEMBLY - Nose gear cylinder, bottom	1	
-13	67700-109		TUBE ASSEMBLY - Nose gear cylinder, bottom	1	
-14	67700-110		TUBE ASSEMBLY - Nose gear cylinder, bottom	1	
-15	67700-111		TUBE ASSEMBLY - Nose gear cylinder, top	1	
-16	67700-112		TUBE ASSEMBLY - Main gear, bottom	1	
-17	67700-113		TUBE ASSEMBLY - Main gear, top	1	
-18	67700-114		TUBE ASSEMBLY - Main gear, bottom	1	
-19	67700-115		TUBE ASSEMBLY - Main gear, top	1	
-20	67700-116		TUBE ASSEMBLY - Nose gear, bottom	1	
-21	67700-117		TUBE ASSEMBLY - Nose gear, top	1	
-22	67700-118		TUBE ASSEMBLY - Nose gear, top	1	
-23	67700-119		TUBE ASSEMBLY - Nose gear, bottom	1	
-24	67700-124		TUBE ASSEMBLY - Main gear	1	
-25	67700-06		TUBE ASSEMBLY - Main gear cylinder	2	
-26	38053-00		PUSHROD - Automatic landing gear	1	
-27	38052-00		CONNECTOR - Automatic landing gear	1	
-28	38050-00		SPACER - Control cable attachment	2	
-29	67731-00		HEAD - Pressure vacuum (unheated)	1	
	67738-00		HEAD ASSEMBLY - Pressure vacuum (heated)	1	
-30	67732-00		GASKET - Pitot tube	2	
-31	555 816		CABLE - Control (PS50146-13-1)	1	
-32	67743-00		BLOCK ASSEMBLY - Vacuum head (unheated)	1	
	67743-02		BLOCK ASSEMBLY - Vacuum head (heated)	1	
-33	38185-00		CENTERING ASSEMBLY - Landing gear mechanism	1	
-34	67363-00		* SPRING - Gear dump	1	
-35	38175-00		HANDLE ASSEMBLY - Landing gear mechanism	1	
-36	96718-04		* KNOB - Landing gear handle (countersunk for screwhead)	1	
-37	96718-05		* KNOB - Landing gear handle (tapped)	1	
-38	38103-02		* SPRING	1	
-39	587 847		SWITCH - Pressure (211C243-12)	1	
-40	487 922		SWITCH - (1SE-1)	1	
-41	488 327	W	TERMINAL - (AN665-21R)	1	
-42	96902-00		MOUNT ASSEMBLY - Hydraulic pump	1	
-43	484 788		"O" RING - Hydraulic (MS28775-012)	4	
-44	38039-02		BRACKET - Switch assembly	1	
-45	451 823		ACTUATOR - (JE-73)	1	
-46	65003-21		BUSHING	3	
-47	95061-113		BUSHING	1	
-48	38054-00		ARM - Automatic landing gear	1	
-49	455 173	W	COUPLING - (AN910-1D)	1	
-50	455 405		CROSS - (AN918-1D)	1	
-51	558 826		ELBOW - (AN821-4)	2	
-52	458 863		ELBOW - (AN916-1D)	1	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
62-53	458 865		ELBOW - (AN823-4)	2	
-54	458 891	W	ELBOW - (AN823-4D)	2	
-55	458 900	W	ELBOW - (AN833-4D)	2	
-56	458 910	W	ELBOW - (AN837-4D)	6	
-57	458 894	W	ELBOW - (AN822-4D)	2	
-58	67600-00		NIPPLE - Restricted	2	
-59	476 648	W	NIPPLE - (AN816-4D)	3	
-60	476 643	W	NIPPLE - (AN911-1D)	2	
-61	488 320		TEE - (AN824-4D)	1	
-62	488 499		TEE - (AN825-4D)	2	
-63	488 316		TEE - (AN826-4D)	1	
-64	488 474	W	TEE - (AN917-1D)	1	
-65	65003-21		BUSHING	3	
-66	491 063	W	UNION - (AN832-4)	2	
-67	477 750		NUT - (MS21921-4D)	2	
-68	460 472		SLEEVE - (MS21922-4)	2	
-69	551 876		ADAPTER - (MS21923-4D)	2	
-70	404 224	W	NUT - (AN315-3R)	2	
-71	477 629	W	NUT - (AN924-4)	2	
-72	477 618	W	NUT - (AN924-4D)	8	
-73	400 441	W	BOLT - (AN3-7A)	1	
	407 584	W	WASHER - (AN960-10L)	1	
	404 887	W	NUT - (MS20365-1032C)	1	
-74	400 443	W	BOLT - (AN3-12A)	3	
	494 192		WASHER - (5712-45)	6	
-75	401 300		BOLT - (AN4H-13A)	4	
	407 565	W	WASHER - (AN960-416)	4	
-76	424 146	W	PIN - (MS20392-1C19)	2	
	407 669		WASHER - (AN960-C4)	2	
	424 026		COTTER PIN - (MS24665-65)	2	
-77	424 148	W	PIN - (MS20392-1C23)	1	
	404 669		WASHER - (AN960-C4)	1	
	424 026		COTTER PIN - (MS24665-65)	1	
-78	424 179	W	PIN - (MS20392-2C21)	1	
	407 584	W	WASHER - (AN960-10L)	1	
	63900-75		BUSHING	1	
	424 051	W	COTTER PIN - (MS24665-132)	1	
-79	494 235		WASHER - (PS10011-4)	6	
-80	494 040		WASHER - (PS10011-12)	2	
-81	434 120		GROMMET - (MS35489-64)	3	
-82	69011-00		LUG - Control cable	2	
-83	69012-00		CLAMP - Control cable	2	
-84	454 832	W	CLAMP - (SAE TY E-10)	4	

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

PIPER PARTS CATALOG

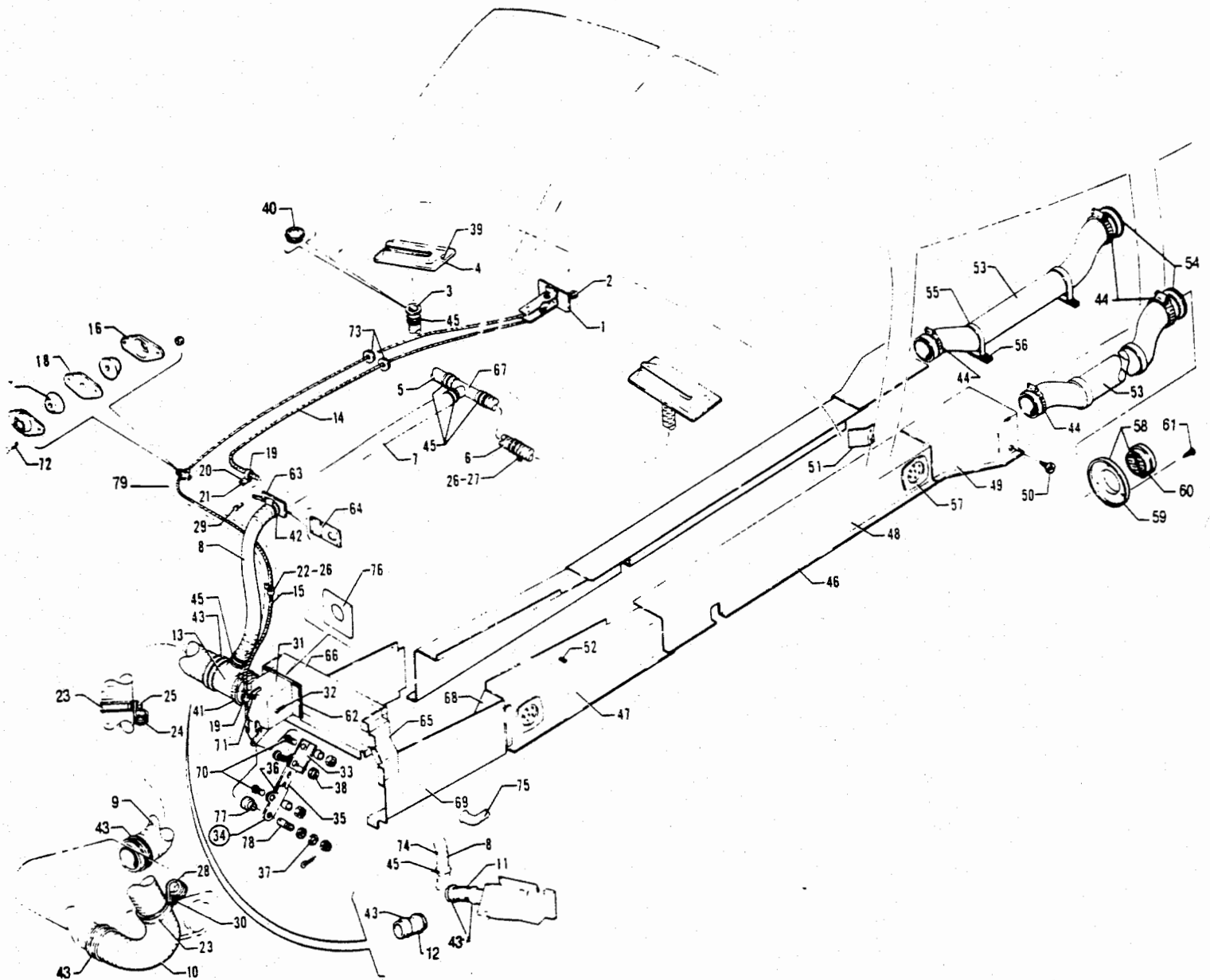


Figure 63. Cabin Heat and Defroster System

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 63

- A - Used on PA-32RT-300 only.
- B - Used on PA-32RT-300T only.
- C - Used on PA-32RT-300 with serial numbers 32R-7885280 and up, and PA-32RT-300T with serial numbers 32R-7887252 and up.
- D - Used on PA-32RT-300 with serial numbers 32R-7885001 to 32R-7985101 inclusive, and PA-32RT-300T with serial numbers 32R-7887001 to 32R-7987123 inclusive.
- E - Used on PA-32RT-300 with serial numbers 32R-7985102 and up, and PA-32RT-300T with serial numbers 32R-7987124 and up.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
63-	38006	A	DRAWING - Cabin Heat and Defroster System Installation		
	98677	B	DRAWING - Cabin Heat and Defroster System Installation		
-1	79863-03		CONTROL ASSEMBLY - Heat and defroster	1	
-2	66980-00		KNOB ASSEMBLY - Heat and defroster	2	
-3	68908-00		OUTLET - Defroster air	2	
-4	65318-00		OUTLET - Defroster air	2	
-5	63633-30		HOSE - Defroster air	1	
-6	63633-156		HOSE - Defroster air	1	
-7	63633-66		HOSE - Defroster air	1	
-8	63633-157	A	HOSE - Defroster air	1	
	63633-181	B	HOSE - Defroster air	1	
-9	63633-158	A	HOSE - Cabin heat	1	
-10	63633-161	A	HOSE - Cabin heat	1	
-11	63633-173	B	HOSE - Cabin heat	1	
-12	63633-173	B	HOSE - Cabin heat	1	
-13	38158-00		DUCT ASSEMBLY - Defroster takeoff	1	
-14	554 375		CABLE ASSEMBLY - Defroster (PS50146-4-2)	1	
-15	554 487		CABLE ASSEMBLY - Cabin heat (PS50146-4-6)	1	
-16	66789-00		PLATE - Control cabin, heat	2	
-17	68770-14		GROMMET - Control cable, heat	2	
-18	22105-03	W	GASKET - Control cable, heat	1	
-19	454 887		CLAMP - Cable (PS10017-1-3)	2	
-20	63900-19		BUSHING - Cable attachment	1	
-21	411 533		SCREW - (MS35207-264)	1	
	404 887	W	NUT - (MS20365-1032C)	1	
-22	454 928	W	CLAMP - Cable (PS10017-2-3)	1	
-23	554 859	A	CLAMP - (MS21919H48)	1	
-24	454 868	W	CLAMP - (PS10017-2-12)	1	
-25	411 532	A	SCREW - (MS35207-263)	1	
	404 887	A,W	NUT - (MS20365-1032C)	1	
-26	411 530		SCREW - (MS35207-261)	2	
	404 887	W	NUT - (MS20365-1032C)	2	
-27	554 885	W	CLAMP - (PS10017-2-24)	1	
-28	544 710		CLAMP - (PS10017-2-26)	1	
-29	68904-00		BOLT - Defroster valve control	1	
	407 565	W	WASHER - (AN960-416)	1	
	404 888	W	NUT - (MS20365-428C)	1	
-30	486 221	A,W	SCREW - (MS35207-264)	1	
	404 887	A,W	NUT - (MS20365-1032C)	1	
	404 584	A,W	WASHER - (AN960-10L)	1	
-31	68919-00		BOX ASSEMBLY - Cabin heat	1	
-32	415 532		SCREW - (MS35206-242)	4	
-33	68918-00		LINK - Cabin heat box	1	
-34	36558-08	D	LINK ASSEMBLY - Cabin heat box	1	
-35	36558-02	E	LINK - Cabin heat box	1	
-36	36558-05	E	LINK - Cabin heat box	1	
-37	81342-18		WASHER - Cable attachment	1	
	404 392	W	NUT - (AN320-3)	1	
	424 051	W	COTTER PIN - (MS24665-132)	1	
	407 585	W	WASHER - (AN960-416L)	1	
-38	415 518	W	SCREW - (MS35206-228)	1	
	404 909	W	NUT - (MS20365-632C)	1	
-39	415 521	W	SCREW - (MS35206-231)	4	
	404 909	W	NUT - (MS20365-632C)	4	
	404 562	W	WASHER - (AN960-6)	4	
-40	406 394		NUT - (C-13900-014-4)	2	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
63-41	554 926	W	CLAMP - (SAE TY F-44)	1	
-42	554 925	W	CLAMP - (SAE TY F-24)	2	
-43	454 993		CLAMP - (SAE TY A-3 1/16)	4	
-44	454 944	W	CLAMP - (SAE TY A-2 1/16)	4	
-45	554 896		CLAMP - (SAE TY A-1 1/2)	6	
-46	68923-00		DUCT ASSEMBLY - Cabin heat, left	1	
	68923-01		DUCT ASSEMBLY - Cabin heat, right	1	
-47	68923-02		* DUCT - Cabin heat, left	1	
	68923-03		* DUCT - Cabin heat, right	1	
-48	68923-04		* DUCT - Cabin heat, left	1	
	68923-05		* DUCT - Cabin heat, right	1	
-49	68923-06		* DUCT - Cabin heat, left	1	
	68923-07		* DUCT - Cabin heat, right	1	
-50	487 560	W	* STUD - (XX-10362-12)	13	
-51	69098-00		* PLATE - Deflector	2	
-52	419 590		SCREW - (AN530-8R6)	42	
-53	63633-19		HOSE - Air duct	2	
-54	69285-00		TUBE - Cabin heat	2	
-55	544 827		CLAMP - (MS21919H34)	4	
-56	415 380		SCREW - (MS51958-64)	4	
	404 887	W	NUT - (MS20365-1032C)	4	
	404 263		NUT - (AN315D3R)	4	
-57	68933-00		DEFLECTOR ASSEMBLY	4	
-58	68928-00		DEFLECTOR ASSEMBLY	2	
-59	21156-00	W	* PLATE - Deflector	1	
-60	68929-00		* LOUVER ASSEMBLY - Deflector	1	
-61	419 641		SCREW - (4 x 1 - 2, Type "A")	6	
-62	38204-00		ADAPTER - Cabin heat	1	
-63	38145-00		VALVE ASSEMBLY - Defroster	1	
-64	38145-06		GASKET - Defroster valve	1	
-65	38147-00		DUCT ASSEMBLY - Defroster air, left	1	
	38147-01		DUCT ASSEMBLY - Defroster air, right	1	
-66	38148-00		DUCT ASSEMBLY - Defroster air	1	
-67	69556-06		TAKEOFF ASSEMBLY - Defroster air	1	
-68	38024-00		DUCT - Air, wheel well, left	1	
	38024-01		DUCT - Air, wheel well, right	1	
-69	38025-00		DUCT ASSEMBLY - Air, wheel well, left	1	
	38025-01		DUCT ASSEMBLY - Air, wheel well, right	1	
-70	415 522	W	SCREW - (MS35206-232)	2	
	95061-141		BUSHING	2	
	404 909	W	NUT - (MS20365-632C)	2	
-71	411 535		SCREW - (MS35207-266)	1	
	63900-136		BUSHING	1	
	404 887	W	NUT - (MS20365-1032C)	1	
-72	415 535	W	SCREW - (MS35206-245)	1	
	404 910	W	NUT - (MS20365-832C)	2	
-73	434 126	W	GROMMET - (MS35489-4)	2	
-74	455 013	B	CLAMP - (MS21919H24)	1	
-75	38476-02	B	ELBOW	1	
-76	38204-03	C	SEAL - Cabin heat box	1	
-77	70371-02	W	SWIVEL - Cable attachment	1	
-78	70371-03	W	STUD - Cable attachment	1	
-79	98677-03	B	SHIELD - Cable	1	

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

PIPER PARTS CATALOG

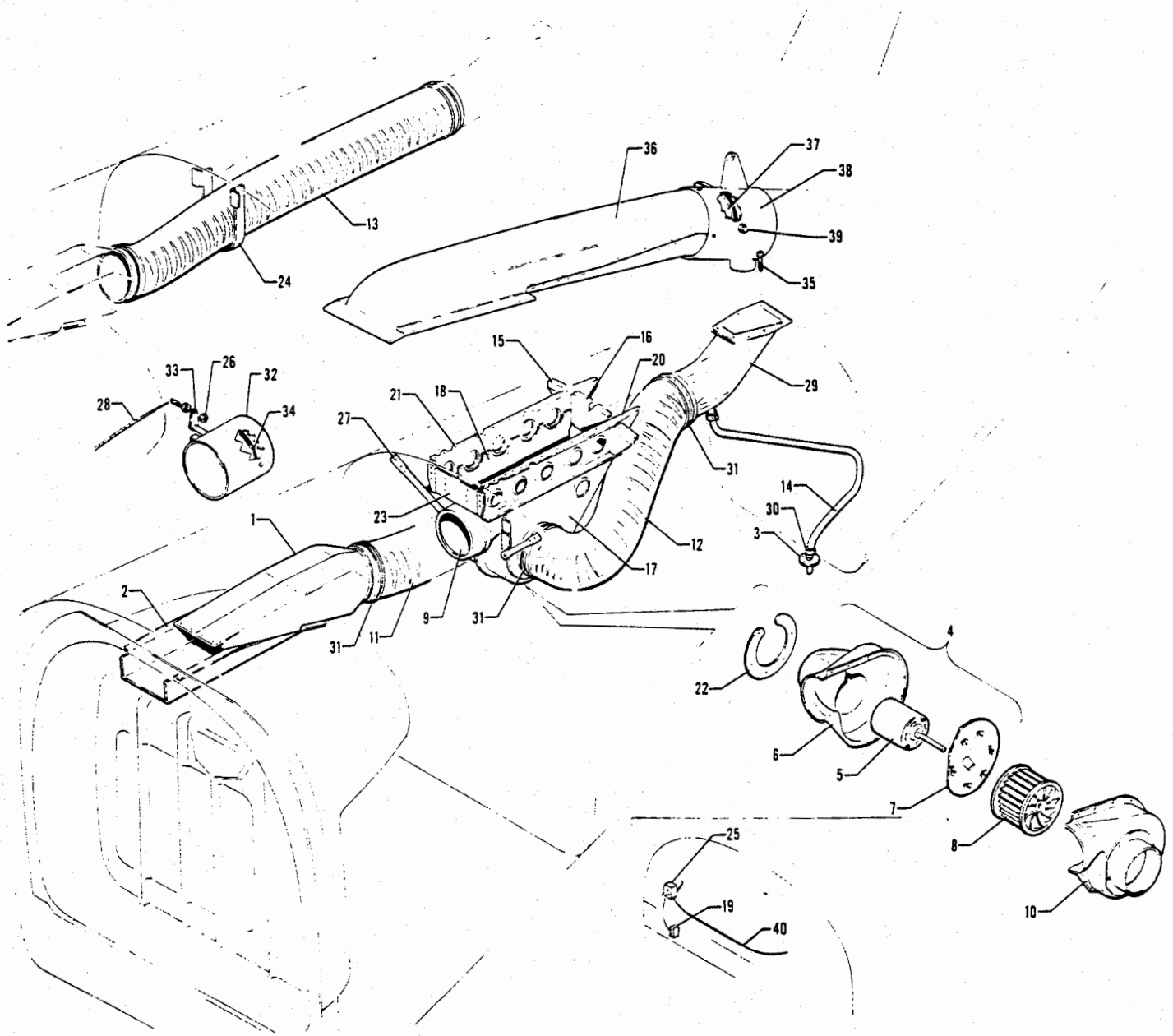


Figure 64. Aft Fresh Air Duct Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 64

- A - Used on PA-32RT-300 with serial numbers 32R-7885001 to 32R-7985125 incl., and PA-32RT-300T with serial numbers 32R-7887001 to 32R-7987120 incl., 32R-7987122 to 32R-7987146 incl.
- B - Used on PA-32RT-300T only.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
64-	78954 79273		DRAWING - Ram Air Ventilation Installation DRAWING - Blower Ventilation Installation		
-1	79192-00	A	INTERCONNECT - Ventilation bulkhead	1	
-2	76308-00	A	DUCT - Ventilation bulkhead	1	
-3	79290-00		TUBE ASSEMBLY - Drain	1	
-4	99642-03		BLOWER ASSEMBLY - Fresh air	1	
-5	475 210		* MOTOR ASSEMBLY - Fresh air blower (UN-YY1S062)	1	
-6	37997-02		* COVER - Fresh air blower	1	
-7	99641-00		* PLATE ASSEMBLY - Motor mounting	1	
-8	452 935		BLOWER - (AE424-316-1)	1	
-9	99633-00		DUCT - Hose connect	1	
-10	79264-00		COVER ASSEMBLY - Fresh air blower	1	
-11	63633-148		HOSE	1	
-12	63633-126		HOSE	1	
-13	63633-153		HOSE	1	
-14	63904-89		HOSE - Drain	1	
-15	79035-00		GUSSET ASSEMBLY - Intercostal	2	
-16	79286-00		BRACKET - Intercostal, aft	1	
-17	79281-00		HANGER ASSEMBLY - Blower, left	1	
-18	79282-00		HANGER ASSEMBLY - Blower, right	1	
-19	454 709		CIRCUIT BREAKER - (PS50120-1-9) (20 amp)	1	
-20	79280-00		INTERCOSTAL - Blower bracket support, left	1	
-21	79287-00		INTERCOSTAL - Blower bracket support, right	1	
-22	79284-00		RETAINER - Housing	1	
-23	79285-00		BRACKET - Intercostal, forward	1	
-24	79292-00		STRAP - Fresh air hose support	1	
-25	588 109		SWITCH	1	
-26	70371-02	W	FITTING - Swivel	1	
	70371-03	W	STUD - Swivel fitting	1	
	407 564	W	WASHER - (AN960-10)	1	
	404 392	W	NUT - (AN320-3)	1	
	424 051	W	COTTER PIN - (MS24665-132)	1	
-27	79303-00		BRACE - Hanger	2	
-28	554 361		CABLE ASSEMBLY - Fresh air flapper (PS50146-2-5)	1	
-29	79271-00		FITTING ASSEMBLY - Air duct, lower	1	
-30	554 861	W	CLAMP - (SAE TY F-4)	2	
-31	554 640	W	CLAMP - (SAE TY A-4 5/8)	4	
-32	69885-00	A	FLAPPER VALVE ASSEMBLY - Fresh air intake	1	
-33	69885-02	A	* SHAFT ASSEMBLY	1	
-34	69885-03	A	* FLAPPER ASSEMBLY	1	
-35	415 535	W	SCREW - (MS35206-245)	6	
	407 563	W	WASHER - (AN960-8)	6	
	404 833	W	NUT - (MS20364-832C)	6	
-36	69992-02	B	DUCT AND FLAPPER VALVE ASSEMBLY - Aft	1	32R-7987121
-37	69885-12	B	* FLAPPER VALVE ASSEMBLY - Fresh air intake	1	32R-7987121
-38	69885-02	B	* * SHAFT ASSEMBLY	1	32R-7987121
-39	69885-03	B	* * FLAPPER ASSEMBLY	1	32R-7987121
-40	79293-05		CABLE - Blower	1	

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

--- **PIPER PARTS CATALOG** ---

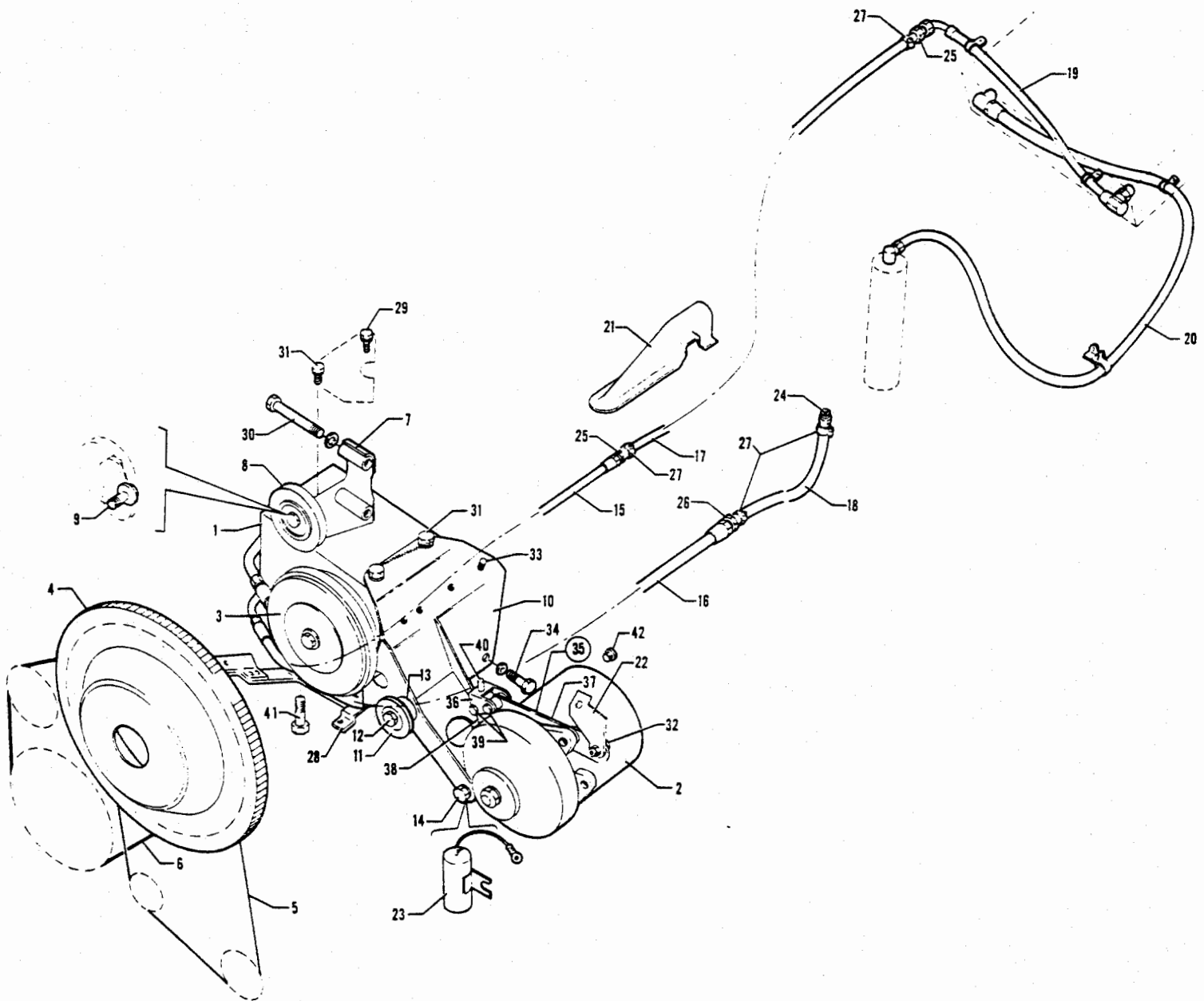


Figure 65 Air Conditioning Compressor, Refrigerant Lines and Alternator Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 65

- A - See Figure 74 for component parts.
- B - Used on PA-32RT-300 only.
- C - Used on PA-32RT-300 only.
- D - Used on PA-32RT-300 with serial numbers 32R-7885001 to 32R-7985078 inclusive, and PA-32RT-300T with serial numbers 32R-7887001 to 32R-7987103 inclusive. If original one piece twisted brace has been replaced with a three piece bracket assembly, order individual parts listed for PA-32RT-300 with serial numbers 32R-7985079 and up, and PA-32RT-300T with serial numbers 32R-7987104 and up as desired.
- E - Used on PA-32RT-300 with serial numbers 32R-7985079 and up, and PA-32RT-300T with serial numbers 32R-7987104 and up.
- F - Used if Refrigerant Line Fitting Replacement Kit 764 244 has not been installed.
- G - Used if Refrigerant Line Fitting Replacement Kit 764 244 has been installed per Service Spares Letter 387.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
65-	99109		DRAWING - Air Conditioning Compressor and Alternator Installation		
	99291	B	DRAWING - Air Conditioning Refrigerant Lines Installation		
	98598	C	DRAWING - Air Conditioning Refrigerant Lines Installation		
-1	555 412		COMPRESSOR ASSEMBLY - (F209-16764)	1	
-2	551 983	A	ALTERNATOR ASSEMBLY - Prestolite (ALY-6422)	1	
-3	554 761		CLUTCH ASSEMBLY - (10616)	1	
-4	462 112		RING GEAR ASSEMBLY - (LW16581)	1	
-5	452 572		BELT - (PS10069-1-1)	1	
-6	452 573		BELT - (PS10069-1-2)	1	
-7	99763-00		BRACKET ASSEMBLY - Compressor, upper	1	
-8	99080-00		* IDLER ASSEMBLY - Compressor drive	1	
-9	400 616		* BOLT - (AN8H-7A)	1	
	407 569	W	* WASHER - (AN960-816)	1	
	62833-83		* WASHER	3	
-10	79584-08		BRACKET ASSEMBLY - Compressor, lower	1	
-11	99072-00		* PULLEY ASSEMBLY - Alternator drive	1	
-12	553 230		* BOLT - (NAS2906-20)	1	
	62833-82		* WASHER - Alternator pulley	2	
	79558-02		* NUT - Alternator pulley	1	
-13	95061-151		* BUSHING - Alternator idler pulley	1	
-14	401 394	W	* BOLT - (AN6-13A)	2	
	407 567	W	* WASHER - (AN960-616)	2	
	404 890	W	* NUT - (MS20365-624C)	2	
-15	99592-08	B	HOSE ASSEMBLY - Discharge	1	
	99592-17	C	HOSE ASSEMBLY - Discharge	1	
-16	99592-09	B	HOSE ASSEMBLY - Suction	1	
	99592-13	C	HOSE ASSEMBLY - Suction	1	
-17	63904-92		HOSE ASSEMBLY - Discharge	1	
-18	63904-68		HOSE ASSEMBLY - Suction	1	
-19	565 576		HOSE ASSEMBLY - Discharge	1	
-20	565 578		HOSE ASSEMBLY - Receiver dehydrator to condenser	1	
-21	99497-00		COVER - Refrigerant line	2	
-22	99580-00		CLIP ASSEMBLY - Left front baffle	1	
-23	63897-06		CAPACITOR ASSEMBLY	1	
-24	451 906	F	ADAPTER - (PS10022-6-4)	1	
	561 012	G	FITTING - (FC9158-0808S)	1	
	584 258	G	REDUCER - (661FHD-8-10)	1	
-25	451 907	F	ADAPTER - (PS10022-6-13)	2	
	561 013	G	FITTING - (FC9158-0606S)	2	
	584 256	G	REDUCER - (42F-8-6)	2	
-26	451 908	F	ADAPTER - (PS10022-6-14)	1	
	561 012	G	FITTING - (FC9158-0808S)	1	
	584 257	G	REDUCER - (42F-10-8)	1	
-27	554 888	F W	CLAMP - (SAE TY F-6)	4	
-28	98680-04	C	BRACKET ASSEMBLY - Engine control support	1	
-29	401 987		BOLT - (MS20074-06-06)	1	
	407 587	W	WASHER - (AN960-616L)	1	
-30	401 461		BOLT - (AN6H22A)	2	
	407 567	W	WASHER - (AN960-616)	4	
	407 587	W	WASHER - (AN960-616L)	2	
	407 697	W	WASHER - (AN960-D616L)	2	
-31	401 986		BOLT - (MS20074-06-05)	3	
	407 587	W	WASHER - (AN960-616L)	3	
-32	401 970		BOLT - (MS20074-05-05)	1	
	407 566	W	WASHER - (AN960-516)	1	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
65-33	401 970		BOLT - (MS20074-05-05)	4	
	407 586	W	WASHER - (AN960-516L)	4	
-34	401 988		BOLT - (MS20074-06-11)	2	
	407 587	B,W	WASHER - (AN960-616L)	2	
	407 567	C,W	WASHER - (AN960-616)	2	
	407 587	C,W	WASHER - (AN960-616L)	1	
-35	79886-11	D	BRACKET ASSEMBLY COMPLETE - Alternator support	1	
-36	79886-03	E	* CHANNEL ASSEMBLY - Alternator support	1	
-37	79886-04	E	* ARM ASSEMBLY - Alternator support	1	
-38	79886-07	E	* ARM ASSEMBLY - Alternator support	1	
-39	400 009	E,W	* BOLT - (AN4-14A)	2	
	407 585	E,W	* WASHER - (AN960-416L)	2	
	404 888	E,W	* NUT - (MS20365-428C)	2	
-40	486 126	E	* BOLT - (MS16997-81)	1	
-41	401 986	C	BOLT - (MS20074-06-05)	2	
	407 587	C,W	WASHER - (AN960-616L)	2	
-42	486 457	B	SEAL - (53-8543-0013)	1	

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

--- **PIPER PARTS CATALOG** ---

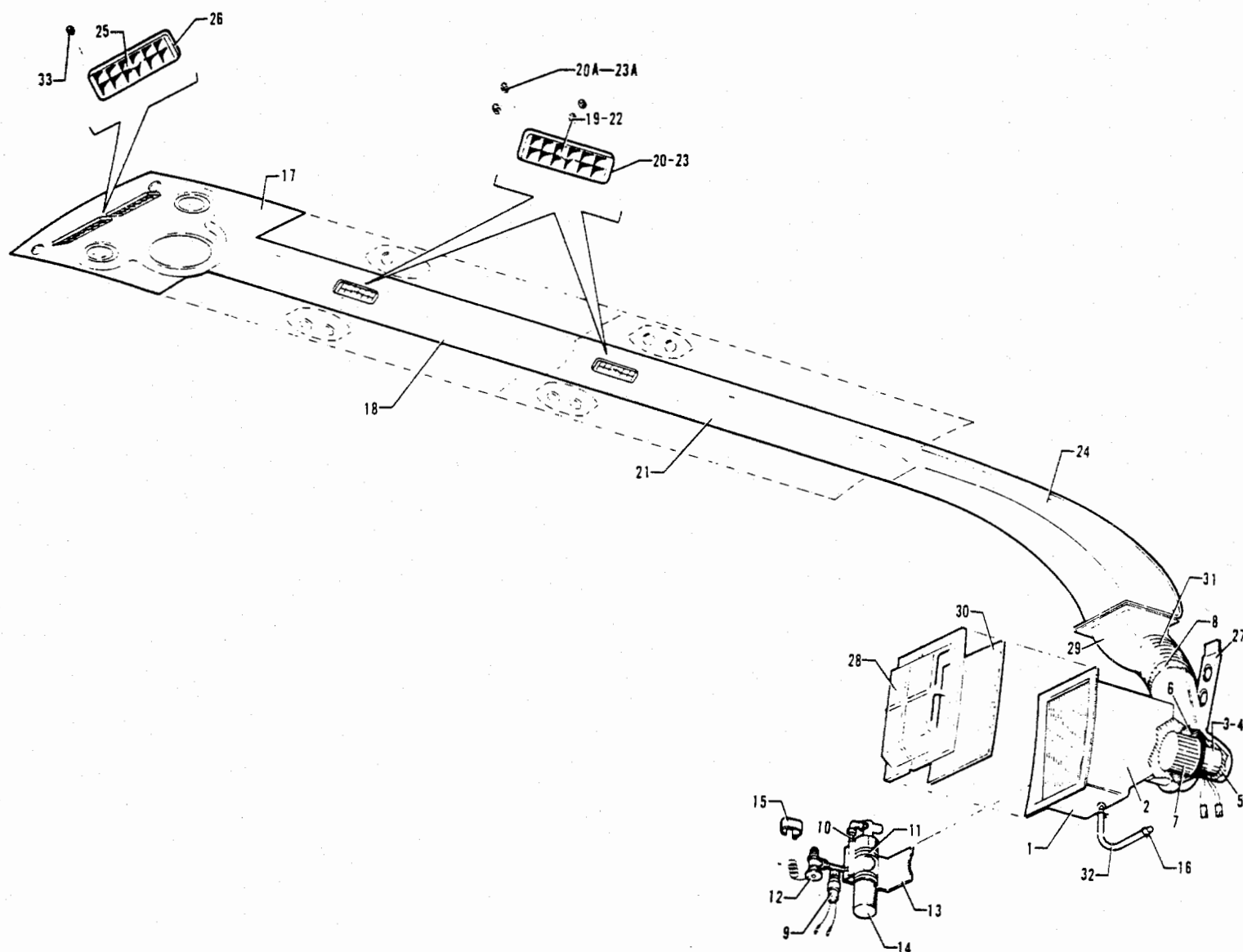


Figure 66. Air Conditioning Duct and Evaporator Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 66

- A - Used on PA-32RT-300 with serial numbers 32R-7885001 to 32R-7985126 incl., and PA-32RT-300T with serial numbers 32R-7887001 to 32R-7987120 incl., 32R-7987122 to 32R-7987146 incl.
- B - Used on PA-32RT-300T only.
- C - Used on PA-32RT-300 with serial numbers 32R-7885001 to 32R-7985126 incl., and PA-32RT-300T with serial numbers 32R-7887001 to 32R-7987120 incl., 32R-7987122 to 32R-7987146 incl. If interconnect duct assembly and aft cabin bulkhead duct are bonded (not riveted) to aft cabin bulkhead, order part listed for PA-32RT-300T serial number 32R-7987121.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
66-	69744	A	DRAWING - Air Conditioning Duct Installation		
	69988	B	DRAWING - Air Conditioning Duct Installation		32R-7987121
	99292	A	DRAWING - Evaporator Bulkhead Assembly		
	79841	B	DRAWING - Evaporator Bulkhead Assembly		32R-7987121
-1	99640-00		EVAPORATOR ASSEMBLY - Air conditioning	1	
-2	99640-03		* EVAPORATOR AND HOUSING ASSEMBLY - Air conditioning	1	
-3	99642-03		* BLOWER ASSEMBLY - Evaporator	1	
-4	475 210		* * MOTOR ASSEMBLY - Evaporator blower (UN-YY1S062)	1	
-5	37997-02		* * COVER - Evaporator blower	1	
-6	99641-00		* * PLATE ASSEMBLY - Motor mounting	1	
-7	452 935		* BLOWER - (AE424-316-1)	1	
-8	99633-00		* DUCT - Hose connect	1	
-9	99646-02		* SWITCH ASSEMBLY - Pressure	1	
-10	589 688		* LINE ASSEMBLY - Evaporator inlet (37245-6-6S)	1	
-11	554 926	W	* CLAMP - (SAE TY F-44)	2	
-12	99648-00		* VALVE ASSEMBLY - Evaporator expansion	1	
-13	99650-00		* BRACKET - Receiver dehydrator	1	
-14	456 615		* RECEIVER DEHYDRATOR - (1106)	1	
-15	99661-00		* CLAMP - Bulb, expansion valve	1	
-16	554 678	W	CLAMP - (PS10017-23-6)	2	
-17	69746-13	A	PANEL ASSEMBLY - Cabin light and air conditioning (with speaker hole)	1	
	69746-15	A	PANEL ASSEMBLY - Cabin light and air conditioning (without speaker hole)	1	
	69989-03	B	PANEL ASSEMBLY - Cabin light and air conditioning (with speaker hole)	1	32R-7987121
	69989-02	B	PANEL ASSEMBLY - Cabin light and air conditioning (without speaker hole)	1	32R-7987121
-18	69750-00	A	DUCT ASSEMBLY - Air conditioner, front	1	
	69990-02	B	DUCT ASSEMBLY - Air conditioner, front	1	32R-7987121
-19	473 187		* LOUVER - (136-1M)	2	
-20	461 386		* FRAME - (173-M)	2	
-20a	406 424		* NUT - (C-2733-040-1)	8	
-21	69619-03	A	DUCT ASSEMBLY - Air conditioner, center	1	
	69991-02	B	DUCT ASSEMBLY - Air conditioner, center	1	32R-7987121
-22	473 187		* LOUVER - (136-1M)	2	
-23	461 386		* FRAME - (173-M)	2	
-23a	406 424		* NUT - (C-2733-040-1)	8	
-24	99507-00	C	DUCT ASSEMBLY - Aft cabin bulkhead	1	
	79839-03	B	DUCT ASSEMBLY - Aft cabin bulkhead	1	32R-7987121
-25	473 187		LOUVER - (136-1M)	2	
-26	461 386		FRAME - (173-M)	2	
-27	99539-00		SUPPORT ASSEMBLY - Evaporator box	1	
-28	99550-02		COVER - Evaporator filter	1	
-29	99634-00	C	DUCT ASSEMBLY - Interconnect	1	
	79840-04	B	DUCT ASSEMBLY - Interconnect	1	32R-7987121
-30	99644-00		FILTER - Evaporator	1	
-31	63633-100		HOSE - Air conditioning	1	
-32	63913-199		HOSE - Evaporator drain	1	
-33	406 424		NUT - (C-2733-040-1)	8	

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

PIPER PARTS CATALOG

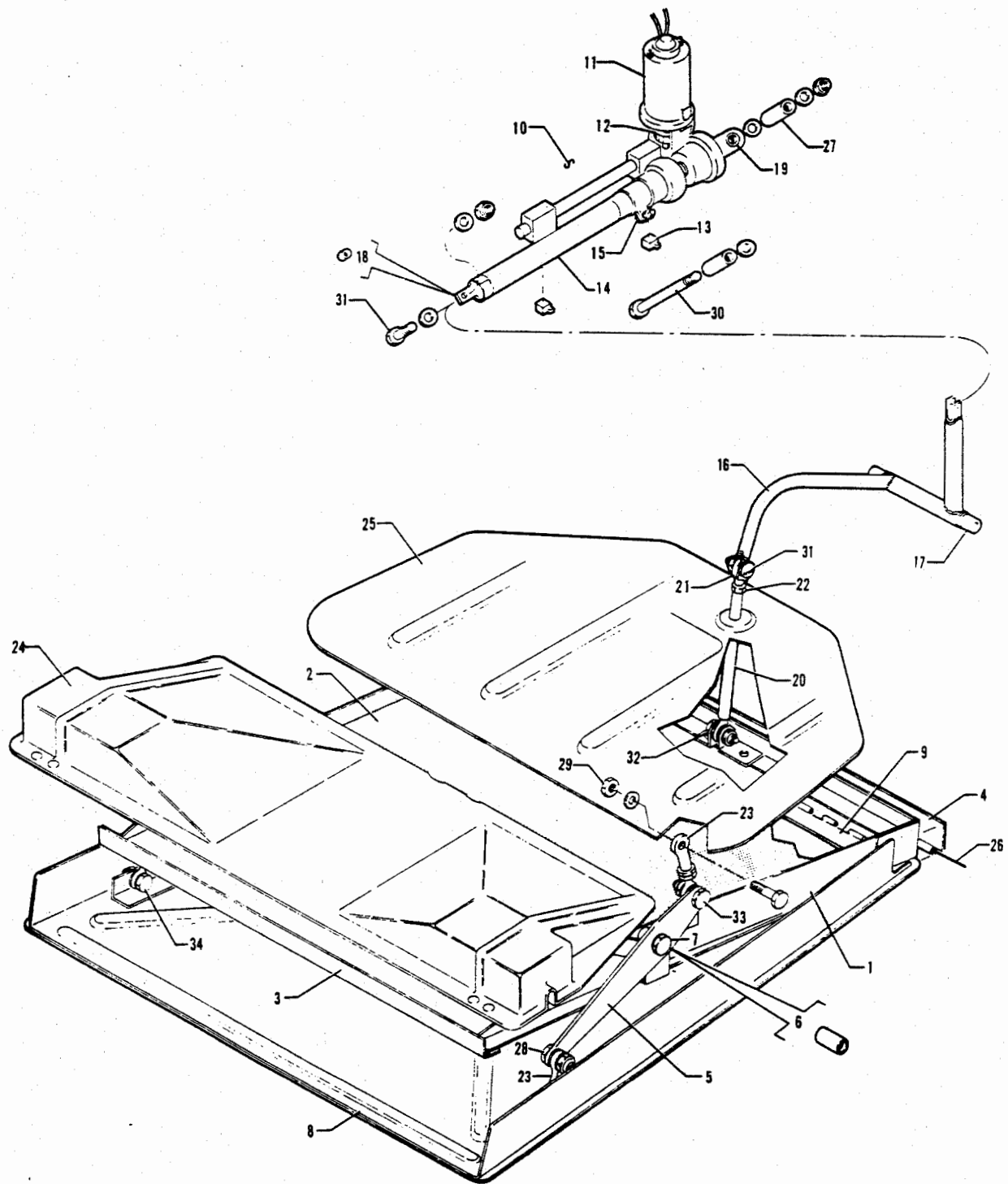


Figure 67. Air Conditioning Condenser Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 67

W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
67-	99855		DRAWING - Air Conditioning Condenser Installation		
-1	99387-00		CONDENSER ASSEMBLY - Air conditioning (complete)	1	
-2	555 457		* CONDENSER - (1E-1415C)	1	
-3	99263-00		* HINGE ASSEMBLY - Condenser duct	1	
-4	99275-02		* HINGE - Half	1	
-5	99495-00		* BELLCRANK ASSEMBLY - Condenser door mechanism	2	
-6	65003-56		* BUSHING	2	
-7	401 273	W	* BOLT - (AN3-14A)	2	
	407 584	W	* WASHER - (AN960-10L)	4	
	404 887	W	* NUT - (MS20365-1032C)	2	
-8	99271-00		DOOR ASSEMBLY - Louver	1	
-9	99275-02		* HINGE - Half	1	
-10	99854-00		TRANSMISSION ASSEMBLY - Condenser door actuating (complete)	1	
-11	761 519		* MOTOR ASSEMBLY - Transmission (C145-200)	1	
-12	753 085		* UNIVERSAL ASSEMBLY - (B100-06)	1	
-13	757 718		* SWITCH - Limit (V3L-3-D9)	2	
-14	99853-00		* TUBE ASSEMBLY - Actuator	1	
-15	554 714		* CLAMP - (AN741-8P)	1	
-16	99867-00		BELLCRANK ASSEMBLY - Condenser	1	
-17	452 570		* BUSHING - Bronze (FF565-2)	2	
-18	452 571		BEARING - (AA225-1)	1	
-19	452 561		BEARING - (AA304-20)	1	
-20	99557-00		ROD ASSEMBLY - Condenser push	1	
-21	452 558		* BEARING - Rod end (PS10020-5-1R)	2	
-22	400 224	W	* NUT - (AN315-3R)	1	
-23	99561-00		BEARING ASSEMBLY - Condenser door actuating	4	
-24	99572-04		COVER ASSEMBLY - Forward	1	
-25	99569-00		COVER ASSEMBLY - Aft	1	
-26	99275-04		PIN - Hinge	1	
-27	65165-87		TUBE	2	
-28	400 861		BOLT - (AN23-13A)	2	
	407 564	W	WASHER - (AN960-10)	2	
	62833-101		WASHER - (.56 O.D.)	2	
	404 887	W	NUT - (MS20365-1032C)	2	
-29	400 441	W	BOLT - (AN3-7A)	2	
	407 564	W	WASHER - (AN960-10)	6	
	404 887	W	NUT - (MS20365-1032C)	2	
-30	401 334	W	BOLT - (AN4-36A)	1	
	407 565	W	WASHER - (AN960-416)	3	
	404 888	W	NUT (MS20365-428C)	1	
-31	400 861		BOLT - (AN23-13A)	2	
	407 564	W	WASHER - (AN960-10)	2	
	404 887	W	NUT - (MS20365-1032C)	2	
-32	401 269	W	BOLT - (AN3-10A)	1	
	407 564	W	WASHER - (AN960-10)	3	
	404 887	W	NUT - (MS20365-1032C)	1	
-33	400 440	W	BOLT - (AN3-6A)	2	
	407 564	W	WASHER - (AN960-10)	4	
	404 835	W	NUT - (MS20364-1032C)	2	
-34	400 861		BOLT - (AN23-13A)	2	
	407 564	W	WASHER - (AN960-10)	4	
	62833-101		WASHER - (.56 O.D.)	2	
	404 887	W	NUT - (MS20365-1032C)	2	

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

--- **PIPER PARTS CATALOG** ---

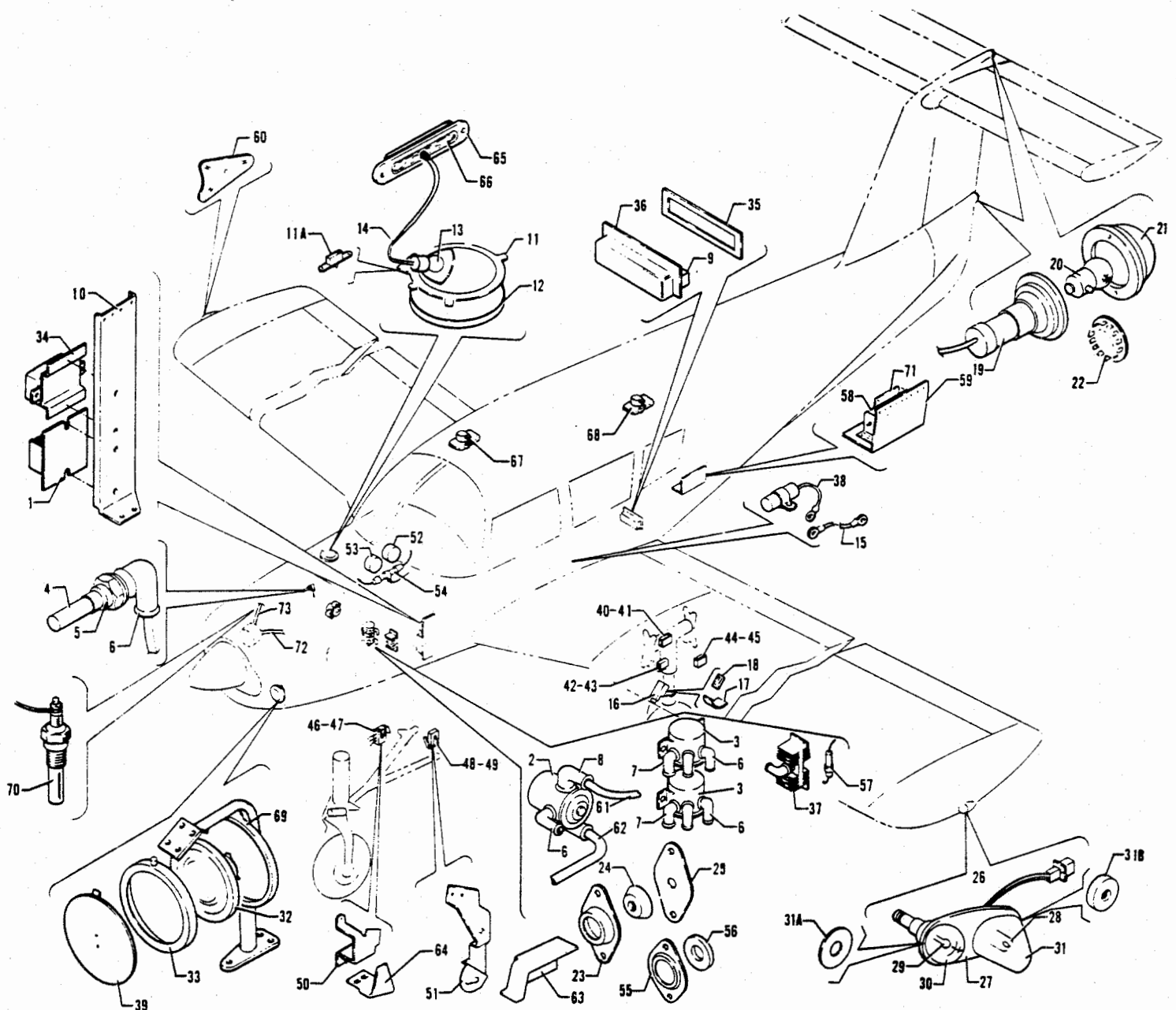


Figure 68. Electrical System Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 68

- A - Used on PA-32RT-300 only.
- B - Used on PA-32RT-300T only.
- C - Used on PA-32RT-300 with serial numbers 32R-7885154 and up, and PA-32RT-300T with serial numbers 32R-7887002 and up.
- D - Used on PA-32RT-300 with serial numbers 32R-7985055 and up, and PA-32RT-300T with serial numbers 32R-7987078 and up.
- E - Used with white wing tip strobe only.
- F - Used with red wing tip strobe only.
- G - Used if magnetic door light switch is installed.
- H - Used if a Chrysler alternator is installed.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
68-	38004	A	DRAWING - Electrical System Installation		
	98570	B	DRAWING - Electrical System Installation		
-1	68804-03		REGULATOR - Voltage	1	
-2	99130-02	W	SOLENOID - Starter (487 169)	1	
-3	484 373	W	RELAY - Landing gear power (24059)	2	
-4	550 487		SENDING UNIT - Engine, oil temperature gauge (362-EW)	1	
-5	462 012	W	GASKET - (AH1522) Engine unit	1	
-6	23969-02	W	NIPPLE - Sending unit and solenoids	8	
-7	23969-03	W	NIPPLE - Alternator and relays	5	
-8	23969-05	W	NIPPLE - Solenoid	2	
-9	488 545		BOARD ASSEMBLY - Terminal (MS25123-1-12)	1	
-10	69874-03		BRACKET ASSEMBLY - Mounting	1	
-11	66632-00		REFLECTOR ASSEMBLY - Forward baggage light (with manual switch)	1	
	66632-02	G	REFLECTOR ASSEMBLY - Forward baggage light (less manual switch)	1	
-11a	487 777	W	* SWITCH - Baggage light (5518) manual	1	
-12	12715-00	W	LENS - Baggage light	1	
-13	472 036	W	LAMP - Baggage light (89)	1	
-14	63874-02		PIGTAIL ASSEMBLY - Baggage light	1	
-15	69050-04		WIRE ASSEMBLY - Ground plate	1	
-16	456 530		DETECTOR - Lift (148-6)	1	
-17	450 745		PLATE - Lift detector mounting (C52207-2)	1	
-18	450 741	W	DECAL - Lift detector (C52207-3)	1	
-19	472 736	W	LIGHT - White (A2064-1073)	1	
-20	753 431	W	* BULB - (1073)	1	
-21	751 203	W	* LENS - White	1	
-22	453 639	W	BUTTON - Plug (HS-50726)	1	
-23	66789-00		PLATE - Grommet, firewall seal	2	
-24	68770-04		GROMMET - Firewall	2	
-25	68771-04		GASKET - Firewall	1	
-26	472 896		LIGHT ASSEMBLY - Red navigation and white strobe, wing tip (shielded)	1	
	472 988	D	LIGHT ASSEMBLY - Red navigation and red strobe, wing tip (shielded)	1	
	472 895		LIGHT ASSEMBLY - Green navigation and white strobe, wing tip, (shielded)	1	
	472 987	D	LIGHT ASSEMBLY - Green navigation and red strobe, wing tip (shielded)	1	
-27	756 037	W	* RETAINER - Unshielded light lens	1	
-28	761 156	E.W	* TUBE ASSEMBLY - Flash, tip	1	
	762 003	F	* TUBE ASSEMBLY - Flash, tip	1	
-29	751 202	W	* LENS - Navigation, red	1	
	751 201	W	* LENS - Navigation, green	1	
-30	751 381	W	* BULB - (1512)	1	
-31	761 162	E.W	* LENS AND RETAINER ASSEMBLY - Wing tip strobe (shielded)	1	
	761 222	F	* LENS AND RETAINER ASSEMBLY - Wing tip strobe (shielded)	1	
-31a	755 075	W	* GASKET - Navigation light (W1283)	1	
-31b	755 076	W	* GASKET - Wing strobe (A-427-4)	1	
-32	472 661	W	BULB - Landing light (PS10008-4509)	1	
-33	65372-00		RETAINER ASSEMBLY - Landing light	1	
-34	450 397		RELAY - Overvoltage (PS50034-1)	1	
-35	67404-02		COVER - Terminal strip, bottom	1	
-36	67404-03		COVER - Terminal strip, top	1	
-37	79412-03		DIODE AND COOLER ASSEMBLY	1	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
68-38	63897-04		CAPACITOR ASSEMBLY	1	
-39	12761-02	A,W	COVER ASSEMBLY - Landing light opening	1	
-40	67411-02		SWITCH - Down limit, main gear, left	1	
	67411-04		SWITCH - Down limit, main gear, right	1	
-41	451 823		* ACTUATOR - (JE-73)	1	
-42	67411-08		SWITCH - Squat, main gear, left	1	
-43	451 823		* ACTUATOR - (JE-73)	1	
-44	67411-05		SWITCH - Up limit, main gear, left	1	
	67411-07		SWITCH - Up limit, main gear, right	1	
-45	451 823		* ACTUATOR - (JE-73)	1	
-46	67411-21		SWITCH - Down limit, nose gear	1	
-47	451 823		* ACTUATOR - (JE-73)	1	
-48	67411-06		SWITCH - Up limit, nose gear	1	
-49	451 823		* ACTUATOR - (JE-73)	1	
-50	38251-02		CLIP - Limit switch, down	1	
-51	38251-03		CLIP - Limit switch, up	1	
-52	35214-00		HORN - Stall warning	1	
-53	565 288	W	HORN - Gear warning (02054-3)	1	
-54	38149-00		FLASHER ASSEMBLY - Gear warning	1	
-55	18321-00	W	PLATE - Firewall seal	2	
-56	63915-23	W	GROMMET - Firewall seal	2	
-57	461 629		FUSE 5 Ampere (311005)	2	
-58	763 469	W	POWER SUPPLY (A413A-HDA-DF-14)	1	
-59	99031-00		BRACKET ASSEMBLY - Power supply mounting	1	
-60	406 393		NUT - Special, light attachment (A18828-6Z3)	2	
-61	69325-123		WIRE ASSEMBLY - Battery to starter solenoid	1	
-62	69325-124		WIRE ASSEMBLY - Starter solenoid to starter	1	
-63	38252-02		BRACKET - Nose landing switch shield	1	
-64	38252-03		BRACKET - Nose landing switch shield	1	
-65	37939-02		COVER AND SWITCH ASSEMBLY - Baggage light	1	
-66	37873-03		* SWITCH - Baggage light, magnetic	1	
-67	37871-05		LIGHT ASSEMBLY - Courtesy, forward	1	
-68	37871-04		LIGHT ASSEMBLY - Courtesy, aft	1	
-69	98663-09	B	BRACKET ASSEMBLY - Light	1	
-70	550 549	B	SENDING UNIT - Cylinder head temperature (333-B)	1	
-71	35669-107	C	PLACARD - Strobe light outlets	1	
-72	69325-127		WIRE ASSEMBLY - Alternator to ammeter (101.0" L.)	1	
-73	69325-122	H	WIRE ASSEMBLY - Alternator ground (9.3" L.)	1	

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

PIPER PARTS CATALOG

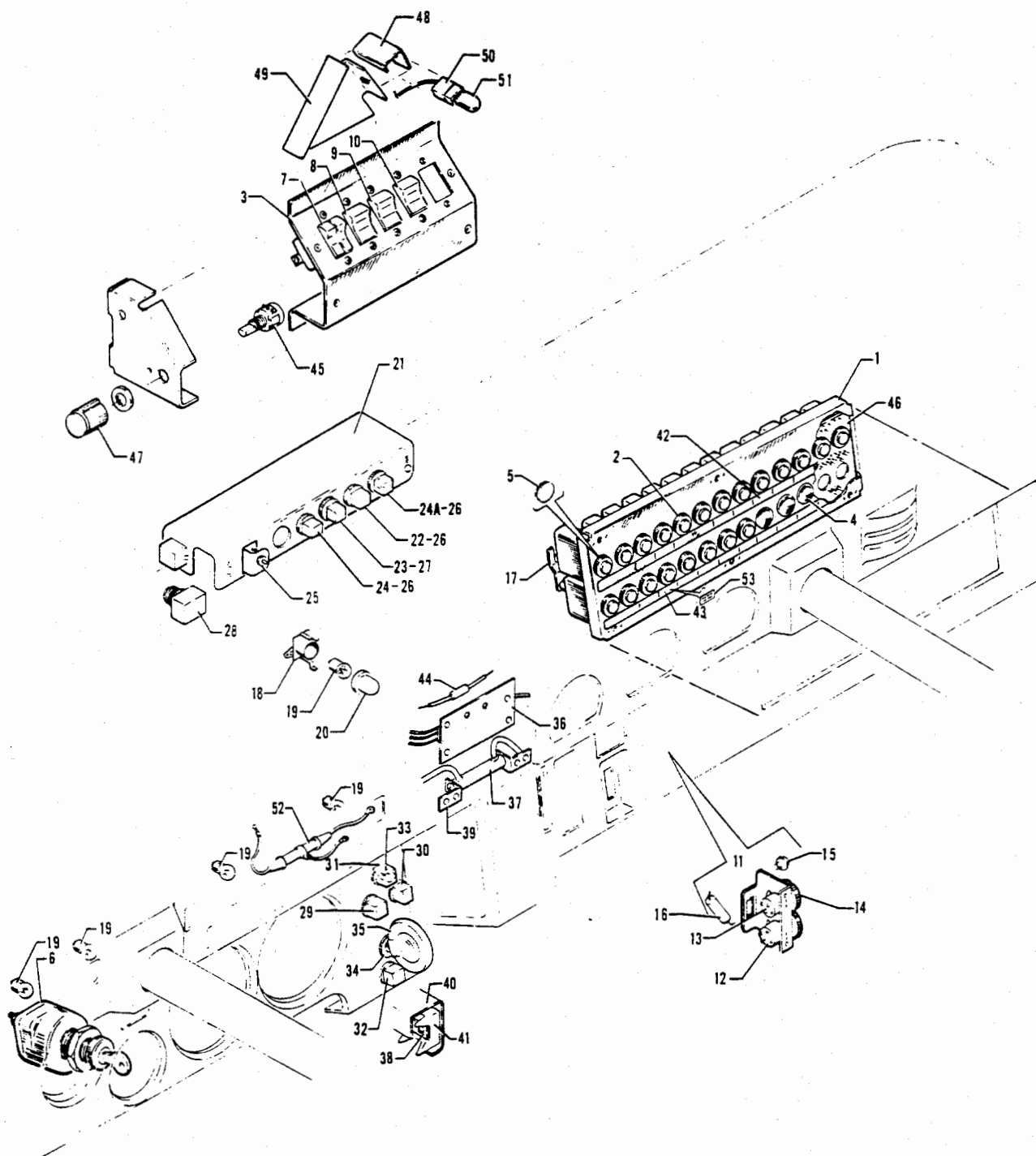


Figure 69. Instrument Panel Electrical Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 69

- A - If matching door locks and ignition switch are desired order Kit 87329-04.
- B - Used on PA-32RT-300 only.
- C - Used on PA-32RT-300T only.
- D - Used on PA-32RT-300 with serial numbers 32R-7885001 and 32R-7885002, and PA-32R-300T with serial numbers 32R-7887001 to 32R-7887006 incl.
- E - Used on PA-32RT-300 with serial numbers 32R-7885003 and up, and PA-32RT-300T with serial numbers 32R-7887007 and up.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
69-	38004	B	DRAWING - Electrical Installation		
	98570	C	DRAWING - Electrical Installation		
-1	99696-03		PANEL ASSEMBLY - Circuit breaker	1	
-2	454 706		CIRCUIT BREAKER - (PS50120-1-2) 5 amp	AR	
	454 707		CIRCUIT BREAKER - (PS50120-1-5) 10 amp	AR	
	454 708		CIRCUIT BREAKER - (PS50120-1-7) 15 amp	AR	
	454 709		CIRCUIT BREAKER - (PS50120-1-9) 20 amp	AR	
	454 710		CIRCUIT BREAKER - (PS50120-1-11) 25 amp	AR	
	454 719		CIRCUIT BREAKER - (PS50120-1-3) 7.5 amp	AR	
-3	69346-00		PLATE ASSEMBLY - Switch	1	
-4	453 602		BUTTON - Plug (SS48152)	20	
-5	453 766	W	BUTTON - Plug (SS48154)	1	
-6	688 178	A.W	SWITCH - Ignition (10-357200-1)	1	
-7	99377-05		SWITCH - Main	1	
-8	99377-02		SWITCH - Fuel pump	1	
-9	99377-06		SWITCH - Strobe light	1	
-10	99377-03		SWITCH - Landing light	1	
-11	37399-02		CONTROL ASSEMBLY - Dimmer	1	
-12	67436-04		* SWITCH - Potentiometer	1	
-13	67436-06		* SWITCH - Potentiometer	1	
-14	67437-00		* KNOB - Potentiometer	2	
-15	489 400		* TRANSISTOR - (2N3055)	2	
-16	484 498		* RESISTOR - (22 ohm, 1 watt)	2	
-17	67412-04		STRIP - Circuit breaker	1	
-18	565 516		HOLDER ASSEMBLY - Instrument light (PS10082-1-1)	14	
-19	472 056		LAMP - (53) Clear	18	
-20	460 602		FILTER - Lunar white (1813-26)	14	
-21	79333-00	B	PANEL ASSEMBLY - Annunciator	1	
	79333-03	C	PANEL ASSEMBLY - Annunciator	1	
-22	67422-12		* LIGHT - Indicator (OIL)	1	
-23	67422-14		* LIGHT - Indicator (ALT)	1	
-24	67422-13		* LIGHT - Indicator (VAC)	1	
-24a	67422-21	C	* LIGHT - Indicator (OVER BST)	1	
-25	487 904		* SWITCH - (39-1)	1	
-26	472 054	W	* BULB - (PS10008-330)	3	
-27	453 695	W	* BULB - (PS10008-328)	1	
-28	67422-11		LIGHT - Indicator (warning gear unsafe)	1	
-29	67422-05		LIGHT - Indicator (left gear)	1	
-30	67422-06		LIGHT - Indicator (right gear)	1	
-31	67422-07		LIGHT - Indicator (nose gear)	1	
-32	67422-10		LIGHT - Indicator (auto extender off)	1	
-33	472 054	W	BULB - (PS10008-330)	5	
-34	487 936		SWITCH - Landing gear (8906-K1385)	1	
-35	67439-00		KNOB - Landing gear switch	1	
-36	38255-02		BLOCK ASSEMBLY	1	
-37	63866-03		RESISTOR ASSEMBLY - Gear indicator lights	1	
-38	35207-00		BAR - Bus, terminal strip	1	
-39	63222-00		CLIP - Resistor assembly	2	
-40	79205-00		COVER - Terminal strip	1	
-41	588 432	B	STRIP - Terminal (MS25123-1-4B)	1	
	588 464	C	STRIP - Terminal (MS27212-1-4)	1	
-42	99695-16	D	PLACARD - Circuit breaker panel	1	
	35669-60	E	PLACARD - Circuit breaker panel	1	
-43	69669-93	D	PLACARD - Circuit breaker panel	1	
	35669-61	E	PLACARD - Circuit breaker panel	1	
-44	67487-02		WIRE ASSEMBLY - Diode	1	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
69-45	95228-03		DIMMER ASSEMBLY - Switch panel	1	
-46	67409-00		SPACER - Circuit breaker	1	
-47	571 162		KNOB - Dimmer (RB-67-1-SB-M)	1	
-48	37999-02		SHIELD - Lamp switch	1	
-49	37998-02		SHIELD - Light assembly	1	
-50	69960-02		SOCKET ASSEMBLY - Panel light	1	
-51	472 081		LAMP - (PS10008-658)	1	
-52	38149-05		FLASHER ASSEMBLY - Gear warning	1	
-53	35669-110		PLACARD - Compass system	1	

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

PIPER PARTS CATALOG

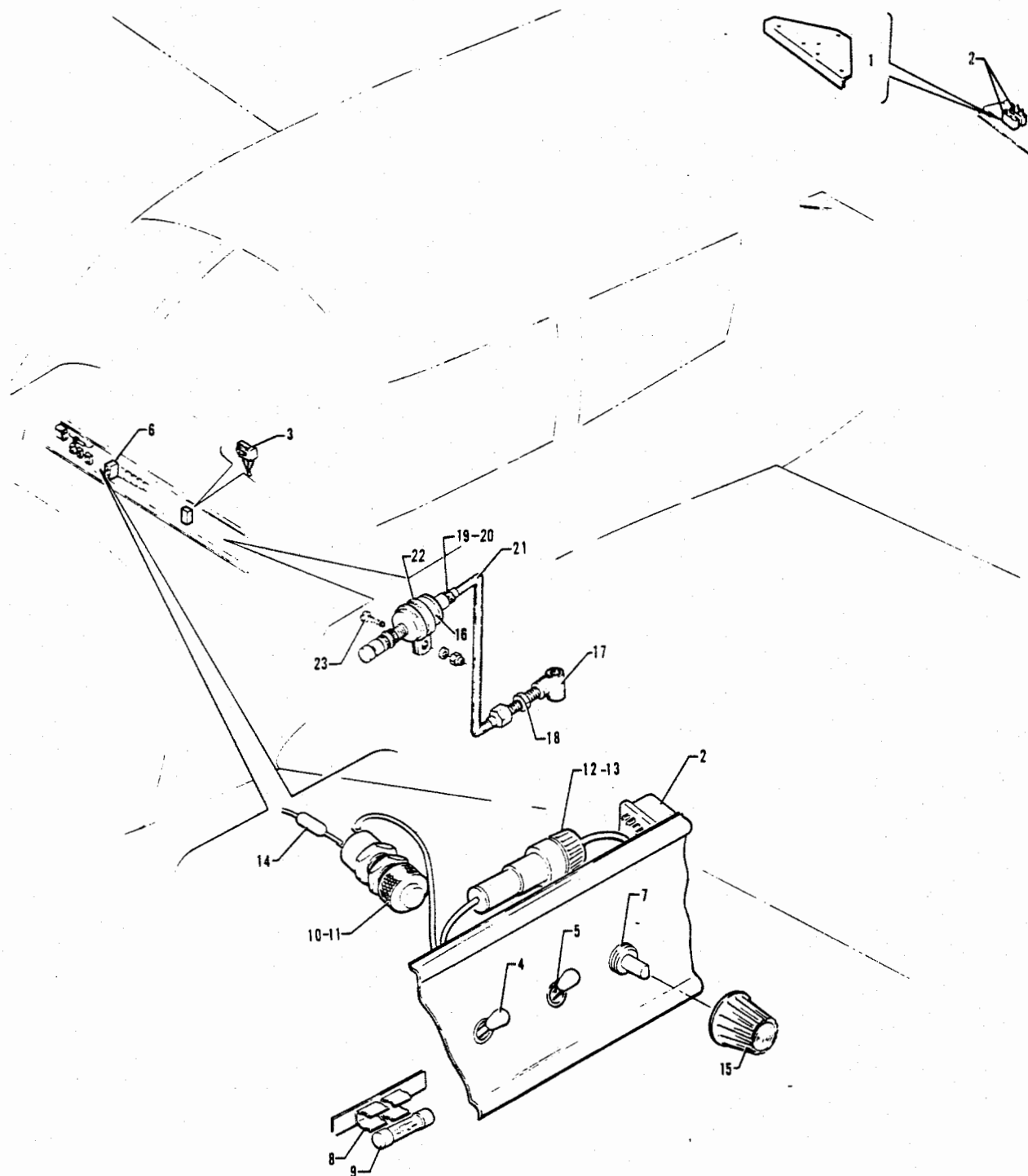


Figure 70. Air Conditioning Electrical Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 70

- A - Used on PA-32RT-300 only.
- B - Used on PA-32RT-300T only.
- C - Used if Manifold Pressure Gauge Switch Relocation Kit 764 216 has been installed Per Service Letter 947.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
70-	99980	A	DRAWING - Air Conditioning Electrical Installation		
	98685	B	DRAWING - Air Conditioning Electrical Installation		
-1	99862-00		MOUNT ASSEMBLY - Relay	1	
-2	484 209		RELAY - (PS50053-2-2)	3	
-3	38094-02	A	SWITCH - Throttle limit (with actuator)	1	
-4	587 903		SWITCH - (MS35058-22)	1	
-5	688 235		SWITCH - (8946K942)	1	
-6	454 709		CIRCUIT BREAKER - (PS50120-1-9) 20 amp	1	
-7	99717-00		THERMOSTAT - Air conditioning	1	
-8	99999-00		HOLDER ASSEMBLY - Fuse	1	
-9	461 629		* FUSE - (311005)	2	
-10	472 844		LIGHT - (MS25041-4)	1	
-11	472 054	W	BULB - (PS10008-330)	1	
-12	465 258		HOLDER - Fuse (155020)	3	
-13	461 629		FUSE - (311005)	3	
-14	484 467		RESISTOR - (4392)	1	
-15	571 162		KNOB - Control head (RB-67-1-SB-M)	1	
-16	588 073	B	SWITCH - (214C40-1-61)	1	
-17	488 474	B.W	TEE - (AN917-1D)	1	
-18	476 648	B.W	NIPPLE - (AN816-4D)	1	
-19	484 845	B	"O" RING - (MS29512-04)	1	
-20	491 050	B.C.W	UNION - (AN815-4D)	1	
-21	67700-391	B.C	TUBE ASSEMBLY - Pressure switch	1	
-22	554 776	B.C	CLAMP - (PS10017-2-22)	1	
-23	411 532	B.C.W	SCREW - (MS35207-263)	1	
	407 564	B.C.W	WASHER - (AN960-10)	1	
	404 887	B.C.W	NUT - (MS20365-1032C)	1	

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

PIPER PARTS CATALOG

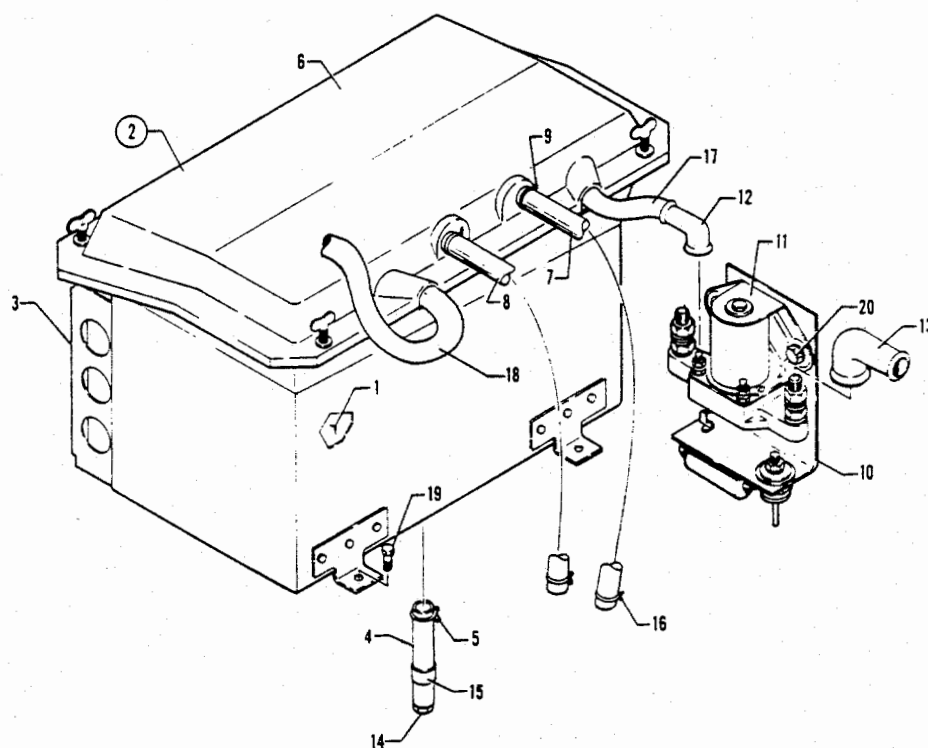


Figure 71 Battery Box Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 71

- A - Used on PA-32RT-300 only.
- B - Used on PA-32RT-300T only.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
71-	38004	A	DRAWING - Electrical System Installation		
	98570	B	DRAWING - Electrical System Installation		
-1	450 030	W	BATTERY - (S25) 25 Ampere hour	1	
	450 035	W	BATTERY - (R35) 35 Ampere hour	1	
-2	38062-02		BOX ASSEMBLY - Battery	1	
-3	38062-10		BRACKET ASSEMBLY - Mounting	2	
-4	63904-86		HOSE - Drain	1	
-5	454 983	W	CLAMP - (SAE TY E-8)	1	
-6	38062-04		LID ASSEMBLY - Battery box	1	
-7	63904-64		HOSE - Battery vent, left	1	
-8	63904-87		HOSE - Battery vent, right	1	
-9	454 983	W	CLAMP - (SAE TY E-8)	2	
-10	62279-00		DIODE ASSEMBLY - Master relay	1	
-11	455 151	W	RELAY - Power	1	
-12	23969-02	W	NIPPLE	2	
-13	66580-02		NIPPLE	2	
-14	582 199		PLUG - (PD40)	1	
-15	453 831	W	BUSHING - Snap (PS10064-687-9)	1	
-16	454 983	W	CLAMP - (SAE TY E-8)	2	
-17	69325-130		WIRE ASSEMBLY - Positive (10.00")	1	
-18	69325-129		WIRE ASSEMBLY - Ground (10.50")	1	
-19	401 306	W	BOLT - (AN3-4A)	6	
-20	401 307	W	BOLT (AN4-4A)	2	
	407 565	W	WASHER - (AN960-416)	2	

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

PIPER PARTS CATALOG

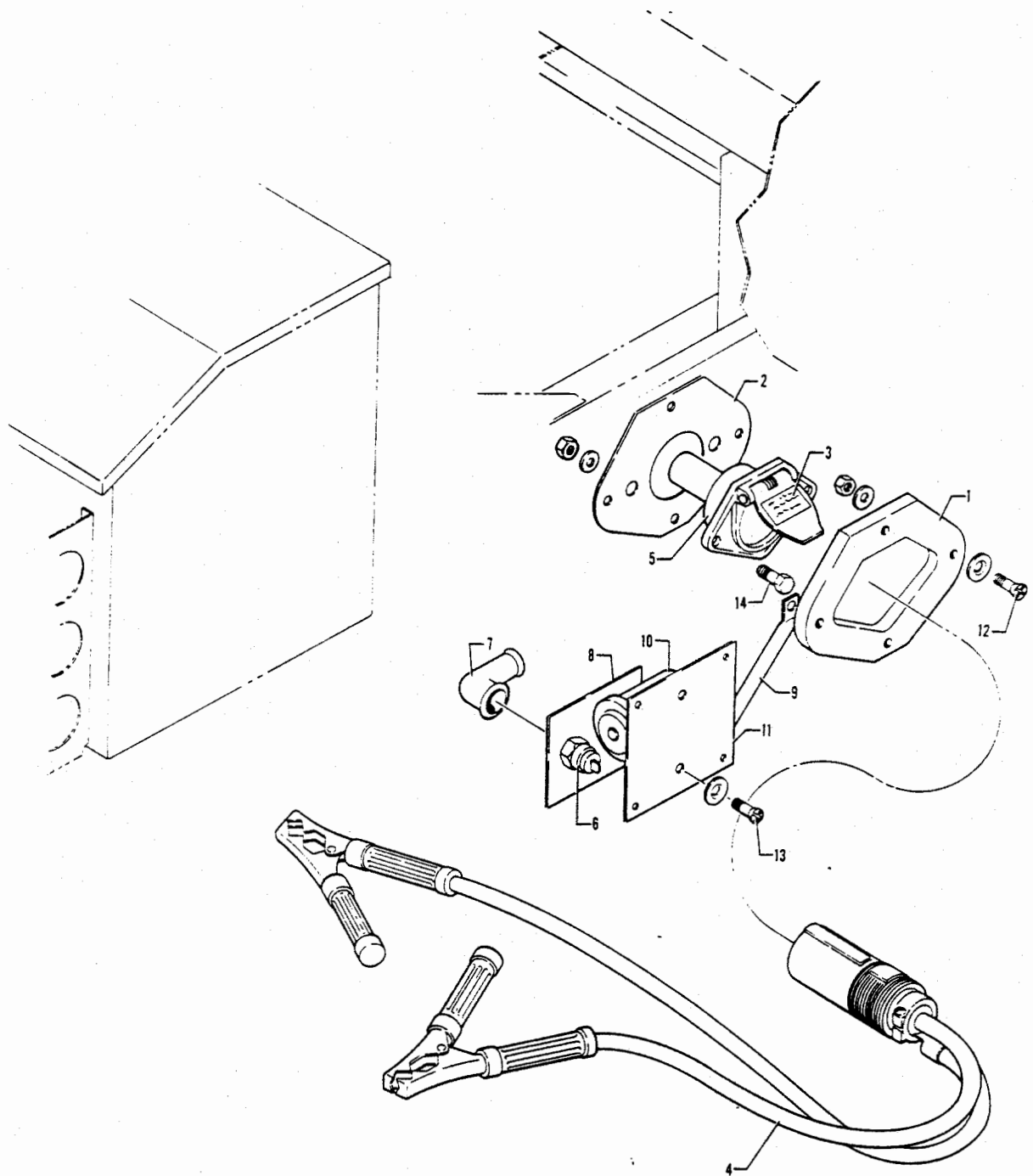


Figure 72. External Power Supply Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 72

W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
72-	38143		DRAWING - External Power Supply Installation		
-1	62226-00	W	SPACER - Auxiliary power receptacle	1	
-2	62227-00	W	PLATE - Auxiliary power receptacle	1	
-3	69669-173		PLACARD - External power	1	
-4	62355-02	W	PLUG ASSEMBLY - Power connector	1	
-5	62355-03		SOCKET ASSEMBLY - Power connector	1	
-6	456 728	W	DIODE - (IN3208)	1	
-7	476 673	W	NIPPLE - (MS25171-1S)	1	
-8	68198-00		SUPPORT - Diode	1	
-9	38143-04		TUBE - Support	1	
-10	484 373	W	RELAY - Power (24059)	1	
-11	38143-03		PLATE - Relay support	1	
-12	416 794	W	SCREW - (MS24693-S275)	4	
	494 087	W	WASHER - (A3235-020-1)	4	
	407 564	W	WASHER - (AN960-10)	4	
	404 835	W	NUT - (MS20364-1032C)	4	
-13	416 785		SCREW - (MS24693-S272)	2	
	494 087	W	WASHER - (A3235-020-1)	2	
	407 800	W	WASHER - (AN970-3)	2	
	404 887	W	NUT - (MS20365-1032C)	2	
-14	400 728		BOLT - (AN25-11A)	2	
	407 566	W	WASHER - (AN960-516)	2	
	407 106	W	WASHER - (AN935-516)	2	
	404 323		NUT - (AN316-5R)	2	

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

PIPER PARTS CATALOG

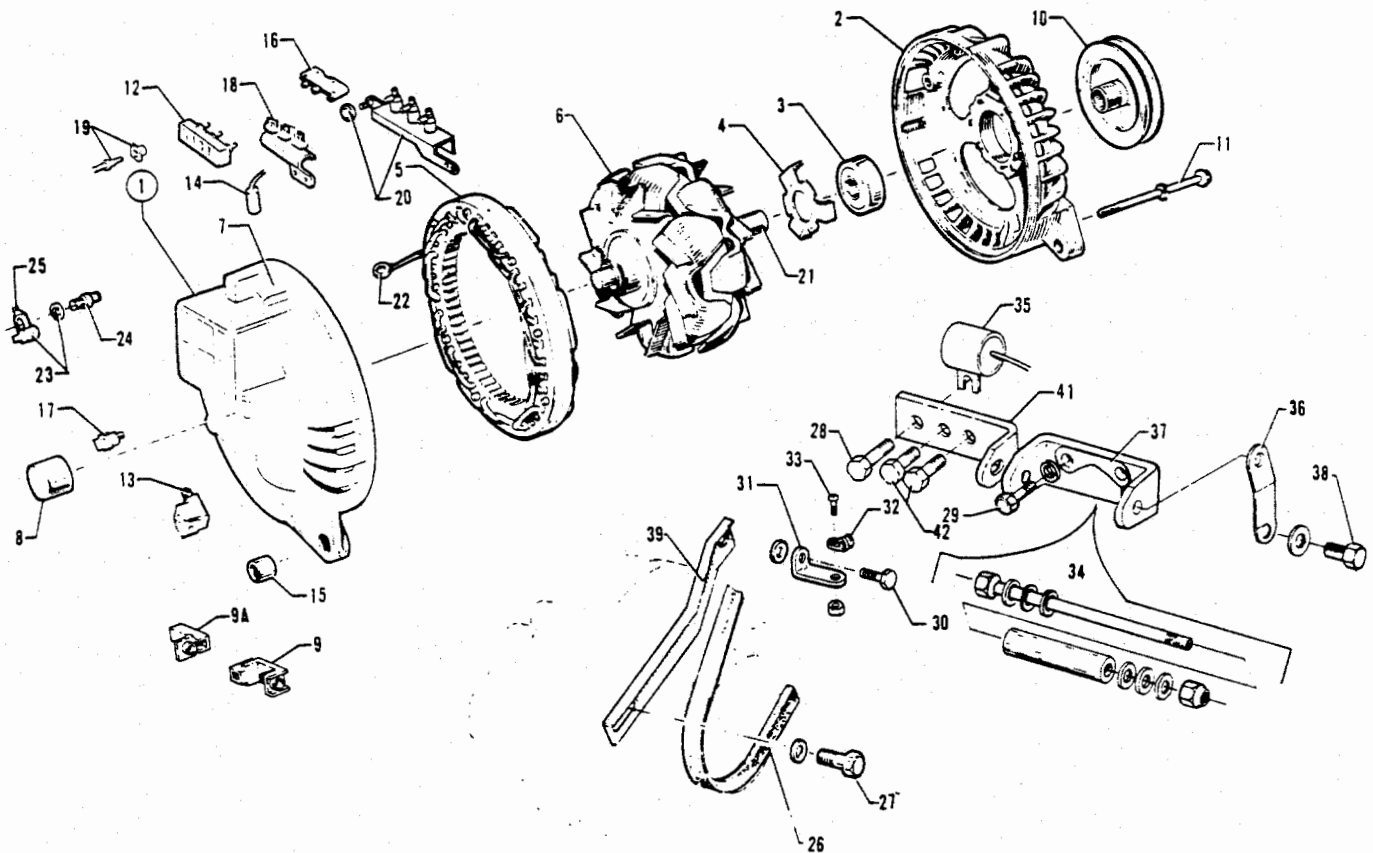


Figure 73. Alternator Assembly and Installation (Chrysler)

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 73

NOTE: Refer to Figures 65 and 74 if air conditioning is installed.

- A - Used on PA-32RT-300T only.
- B - Used with Alternator Assembly 69670-03 (Chrysler No. 3656623) only.
- C - Used with Alternator Assembly 69670-04 (Chrysler No. 4111810) only.
- D - Used if Alternator/Capacitor Mounting Kit 764 347 has not been installed.
- E - Used if Alternator/Capacitor Mounting Kit 764 347 has been installed per Service Spares Letter 366A.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
73-	99935		DRAWING - Alternator Installation		
-1	69670-04		ALTERNATOR ASSEMBLY - (Chrysler No. 4111810)	1	
-2	756 159	B	* SHIELD ASSEMBLY - Drive end (2098634)	1	
	762 490	C	* SHIELD ASSEMBLY - Drive end (4111822)	1	
-3	753 375	B	* BEARING - Drive end shield (2098478)	1	
	758 575	C	* BEARING - Drive end shield (3656444)	1	
-4	755 846		* PLATE - Bearing retainer (2095012)	1	
-5	757 745	B	* STATOR ASSEMBLY - (3438768)	1	
	762 489	C	* STATOR ASSEMBLY - (4111804)	1	
-6	756 065	B	* ROTOR ASSEMBLY - (3656632)	1	
	762 628	C	* ROTOR ASSEMBLY - (4111817)	1	
-7	757 746	B	* SHIELD ASSEMBLY - Rectifier end (3438712)	1	
	762 491	C	* SHIELD ASSEMBLY - Rectifier end (4091535)	1	
-8	753 376	B	* BEARING - Rectifier end shield (2098512)	1	
	758 576	C	* BEARING - Rectifier end shield (3755184)	1	
-9	758 369		* BRUSH HOLDER - Axial (3438159)	1	
-9a	758 580	C	* BRUSH HOLDER - Radial (4091667)	1	
-10	757 311		* PULLEY ASSEMBLY - (2642706)	1	
-11	756 757	B	* KIT - 3 Frame screws (3656470)	1	
	762 492	C	* SCREW - Frame (4111814)	3	
	763 781	C	* WASHER - (4111887)	3	
-12	761 913		* TERMINAL BLOCK - (3438729)	1	
-13	758 250	B	* BRUSH ASSEMBLY - Vertical (2095039)	1	
-14	757 981	B	* CAPACITOR - (3438725)	1	
	763 395	C	* CAPACITOR, STUD, AND INSULATOR PACKAGE - (3620793)	1	
-15	758 249	B	* BUSHING - Alternator end shield (2098052)	1	
	753 380	C	* BUSHING - Alternator end shield (2095052)	1	
-16	756 067	B	* RECTIFIER ASSEMBLY - Negative (3438721)	1	
	755 340	C	* HEAT SINK - Negative (3755114)	1	
-17	758 368	B	* BRUSH ASSEMBLY PACKAGE - Horizontal (3837172)	1	
-18	756 066	B	* RECTIFIER ASSEMBLY - Positive (3438727)	1	
-19	758 366	B	* BATTERY TERMINAL PACKAGE - (3620794)	1	
-20	758 573	C	* BATTERY TERMINAL AND POSITIVE HEAT SINK PACKAGE (3837996)	1	
-21	762 629	C	* RETAINER AND SLIP RING PACKAGE - (3744889)	1	
-22	762 049	C	* TERMINAL - (3438709)	3	
-23	758 574	C	* BRUSH AND WASHER PACKAGE - (4176097)	1	
-24	762 493	C	* SCREW - (6031707)	2	
-25	762 050	C	* TERMINAL FIELD - (4111809)	1	
-26	452 686		BELT - V (8114-3659)	1	
-27	401 971		BOLT - (MS20074-05-06)	1	
	407 566	W	WASHER - (AN960-516)	2	
	407 137	W	WASHER - (AN936-A516)	1	
-28	401 971		BOLT - (MS20074-05-06)	1	
	407 566	W	WASHER - (AN960-516)	6	
-29	401 971		BOLT - (MS20074-05-06)	2	
	407 137	W	WASHER - (AN936-A516)	2	
-30	401 970		BOLT - (MS20074-05-05)	1	
	407 137	W	WASHER - (AN936-A516)	1	
-31	98712-02	A	CLIP - Interconnect cable	1	
-32	454 929	A.W	CLAMP - (PS10017-2-4)	1	
-33	517 263	A	SCREW - (MS35207-263)	1	
	404 887	A.W	NUT - (MS20365-1032C)	1	
-34	764 092		ALTERNATOR MOUNTING HARDWARE KIT	1	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
73-35	63897-06		CAPACITOR ASSEMBLY - Alternator	1	
-36	78483-00		STRUT - Alternator	1	
-37	582 172		PLATE - Lock (73383)	1	
-38	401 971		BOLT - (MS20074-05-06)	1	
	62833-74		WASHER	1	
-39	63531-00		CHANNEL - Alternator support	1	
-40	65199-00	D	BRACKET - Alternator support	1	
	65199-05	E	BRACKET - Alternator support	1	
-41	65199-04	E	BRACKET - Alternator support	1	
-42	401 971	E	BOLT - (MS20074-05-06)	2	
	407 106	E.W	WASHER - (AN935-516)	2	

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

PIPER PARTS CATALOG

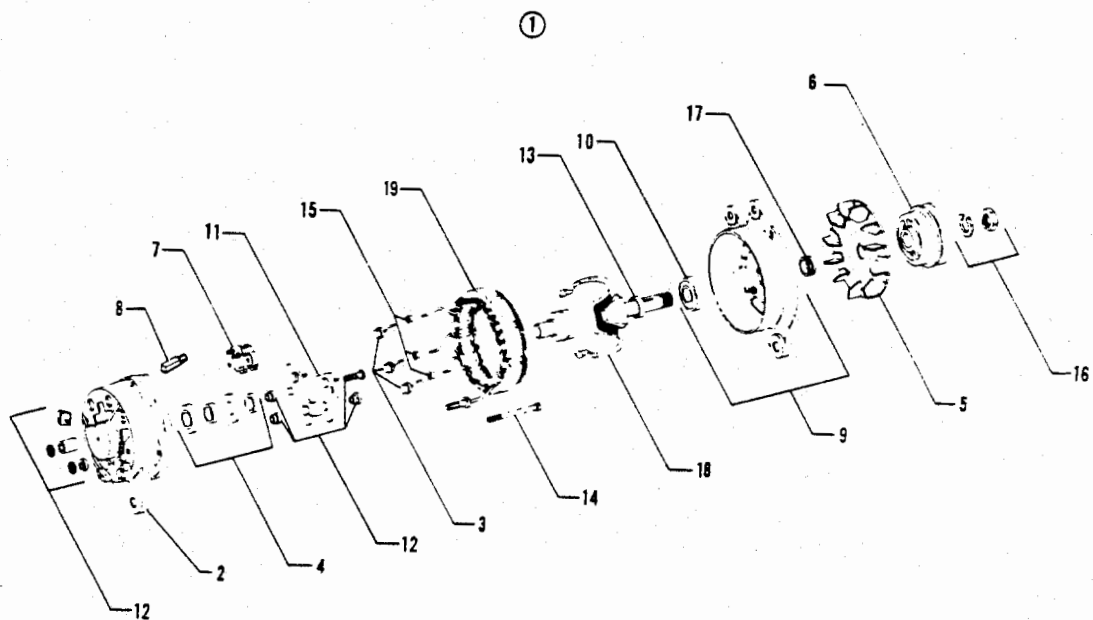


Figure 74. Alternator Assembly (Prestolite)

PIPER PARTS CATALOG

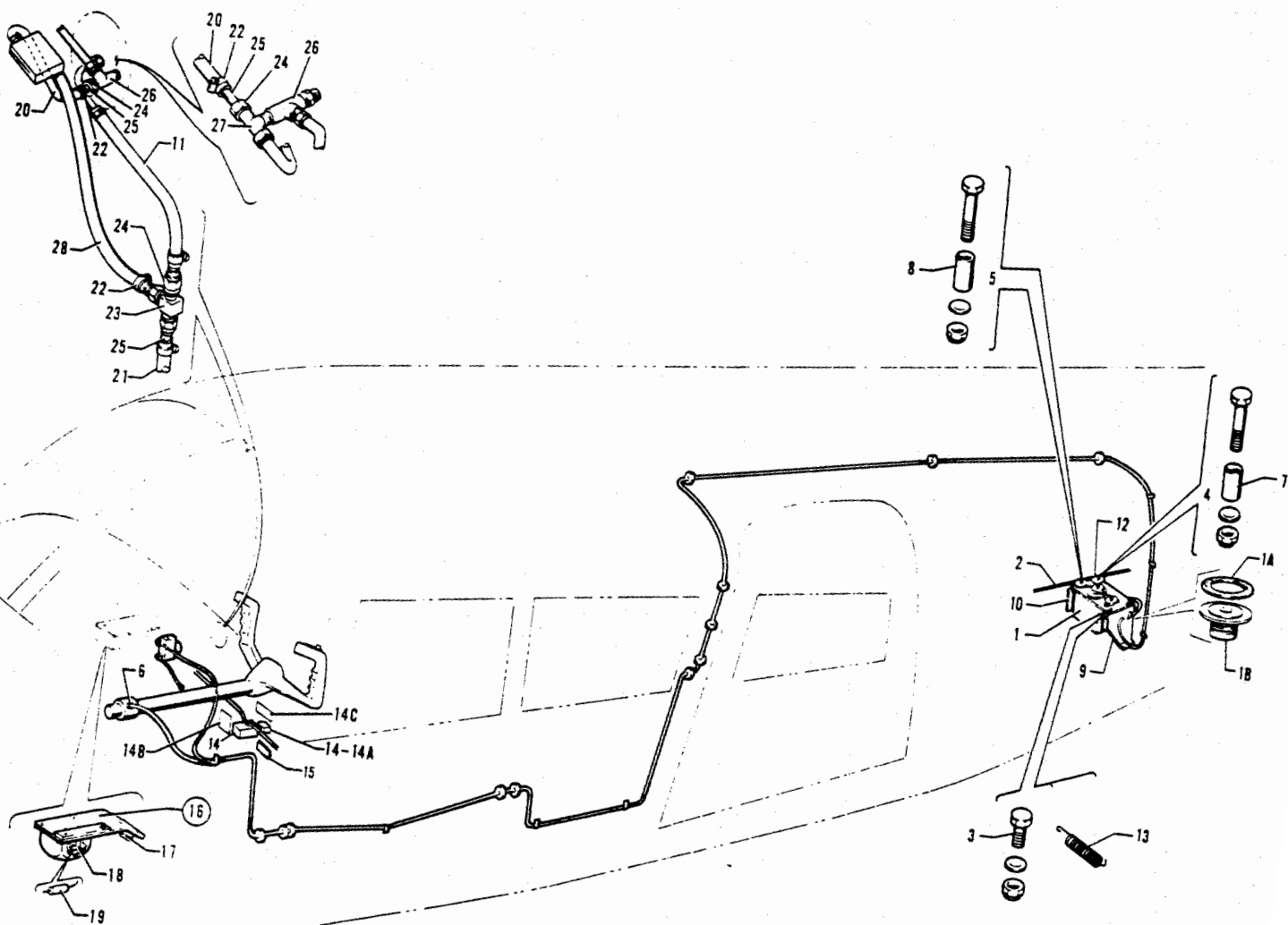
CODE EXPLANATIONS FOR FIGURE 74

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
74-1	551 983		ALTERNATOR ASSEMBLY - Prestolite (ALY-6422)	1	
-2	755 271		* HEAD ASSEMBLY - Slip ring end (ALK-1132BS-1)	1	
-3	757 387		* * PACKAGE - Rectifier, negative (XA-944JS)	1	
-4	757 386		* PACKAGE - Bearing and seal S.R.E. (90-2014)	1	
-5	754 827		* FAN ASSEMBLY - Ventilating (90-2241)	1	
-6	757 392		* PULLEY - Drive (PU-692A)	1	
-7	758 224		* BRUSH, HOLDER AND SPRING ASSEMBLY - (ALE-1045BS)	1	
-8	758 471		* * BRUSH SET - Alternator (ALE-1013AS)	1	
-9	755 232		* HEAD ASSEMBLY - Drive end (ALE-1003K)	1	
-10	758 225		* * BEARING - Ball, seal (X-3416)	1	
-11	756 060		* RECTIFIER AND PLATE ASSEMBLY - Positive (ALE-1054A)	1	
-12	761 903		* TERMINAL STUD AND PARTS PACKAGE - (90-2043)	1	
-13	756 061		* RETAINER - Drive end (GR-32)	1	
-14	757 388		* PACKAGE - Thru bolt (ALA-20JS)	1	
-15	757 389		* PACKAGE - Eyelet (90-818)	1	
-16	757 390		* PACKAGE - Nut and washer (90-33)	1	
-17	757 721		* SPACER - Rotor shaft (ALD-21A)	1	
-18	762 508		* ROTOR - (ALE-2177S-1)	1	
-19	757 719		* STATOR ASSEMBLY - (ALE-2008AE)	1	

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

PIPER PARTS CATALOG



REVISED JANUARY 1983

Figure 75. Electric Trim Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 75

- A - Used if alternate static system is not installed.
- B - Used if alternate static system is installed.
- C - Used if Pitch Trim Switch Replacement Kit 764 401 has been installed.
- D - Used if a push on-off switch has been installed.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
75-	69378 79636		DRAWING - Trim Installation DRAWING - Electric Trim Stop Sensor Installation		
-1	65821-05		SERVO ASSEMBLY - Trim	1	
-1a	494 159		* WASHER - Servo friction (24696-00)	1	
-1b	581 126		* PLATE - Servo clutch, outer (24695-00)	1	
-2	62701-42		CABLE ASSEMBLY - Stabilator trim	1	
-3	401 266	W	BOLT - (AN3-5A)	2	
	407 564	W	WASHER - (AN960-10)	2	
	404 887	W	NUT - (MS20365-1032C)	2	
-4	400 443	W	BOLT - (AN3-12A)	1	
	407 564	W	WASHER - (AN960-10)	1	
	404 887	W	NUT - (MS20365-1032C)	1	
-5	401 270	W	BOLT - (AN3-11A)	1	
	407 564	W	WASHER - (AN960-10)	1	
	404 887	W	NUT - (MS20365-1032C)	1	
-6	434 126	W	GROMMET - (AN931-3-5)	1	
-7	63900-66		BUSHING - Electric trim	1	
-8	63900-67		BUSHING - Electric trim	1	
-9	68674-00		BRACKET ASSEMBLY - Electric trim	1	
-10	68676-00		BRACKET - Electric trim	1	
-11	63913-150		HOSE	1	
-12	481 640		PULLEY - (MS24566-1B)	2	
-13	65784-00		SPRING - Electric trim	1	
-14	764 401		PITCH TRIM SWITCH REPLACEMENT KIT	1	
-14a	587 923	C	* SWITCH - Pitch trim (PS10095-1)	1	
-14b	87369-39	C	* PLACARD - On-off	1	
-14c	87369-38	C	* PLACARD - Pitch trim	1	
-15	67490-02	D	PLACARD - Pitch trim	1	
-16	79657-03		SENSOR ASSEMBLY - Electric trim stop	1	
-17	486 416		* SENSOR - (MPL-501G-10 to 30)	1	
-18	484 229		* RELAY - (RS5D12)	1	
-19	484 524		* RESISTOR - (180 ohm, 1 watt, Type GB)	1	
-20	63913-151		HOSE	1	
-21	63913-152		HOSE	1	
-22	554 861	W	CLAMP - (SAE TY F-4)	5	
-23	79636-10		TEE	1	
-24	477 611		NUT - (AN818-3D)	4	
	486 896		SLEEVE - (MS20819-3D)	4	
-25	79636-04		TUBE	4	
-26	488 310	A.W	TEE - (AN826-3D)	1	
	488 474	B.W	TEE - (AN917-1D)	1	
-27	488 380	B.W	TEE - (AN825-3D)	1	
-28	63913-143		HOSE	1	

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

PIPER PARTS CATALOG

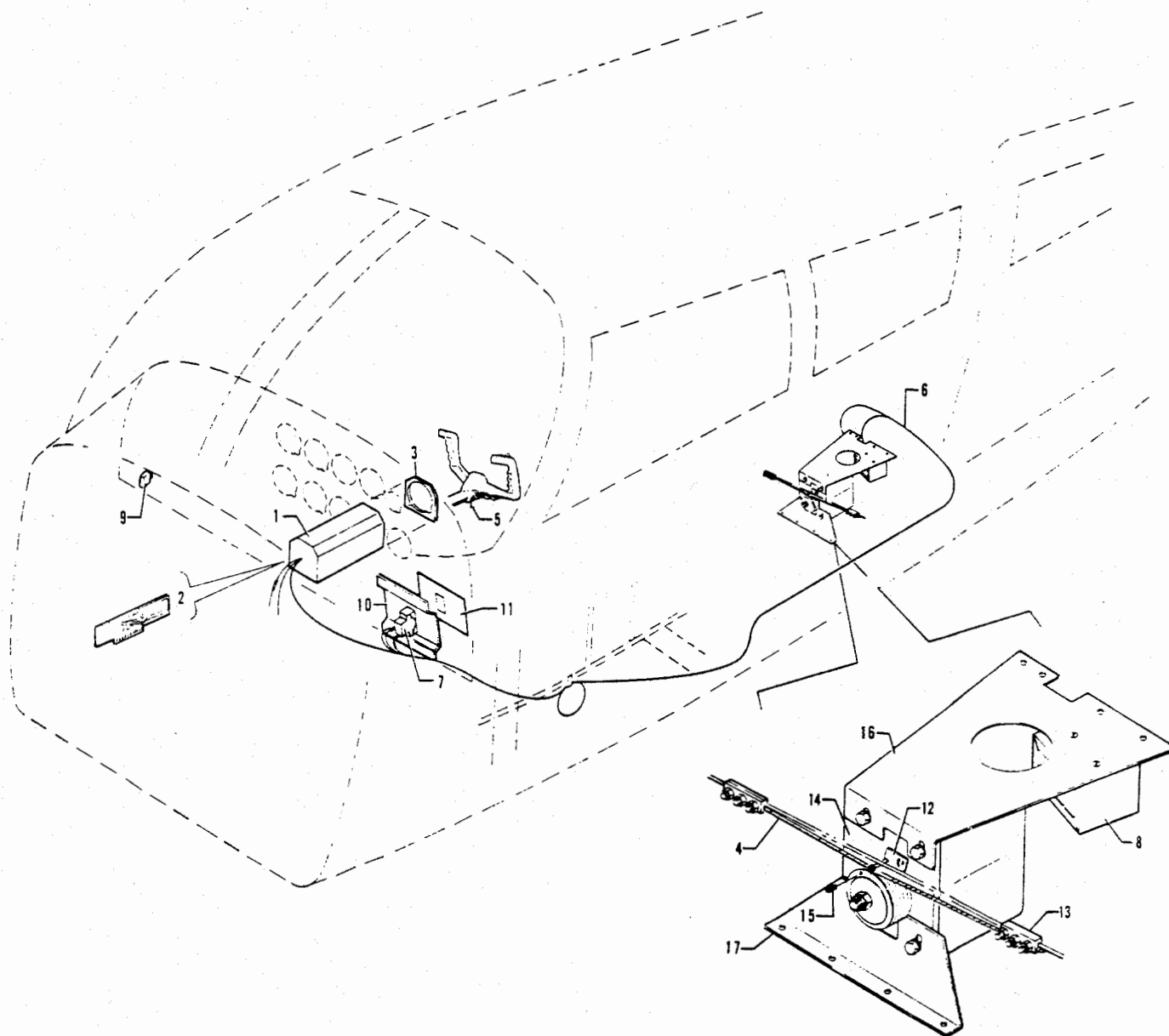


Figure 76. AutoFlite II Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 76

- A - Used if AutoFlite II without tracker is installed.
- B - Used if AutoFlite II with tracker is installed.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
76-	99447		DRAWING - Auto Flite II Installation		
-1	52586-02	A,W	INSTRUMENT - Turn and bank (52D75-3)	1	
	755 432	B	INSTRUMENT - Turn and bank (52D75-4)	1	
-2	758 188	B	* TRACKER BOARD - Printed circuit (1D628)	1	
-3	99209-00		PLATE - Turn and bank mounting	1	
-4	753 980		CABLE - Bridle (30B200)	1	
-5	763 226		CABLE ASSEMBLY - (30B364)	1	
-6	757 913		CABLE ASSEMBLY - (30C379-1)	1	
-7	487 901		SWITCH - (8134-K21A1V-50)	1	
-8	758 181		BOX - Relay (1A526)	1	
-9	454 656	W	CIRCUIT BREAKER - (PS50120-3-7)	1	
-10	66798-00		BRACKET - AutoFlite II	1	
-11	99448-00		PLACARD - AutoFlite II	1	
-12	751 897		GUARD - Cable (7A508-1)	1	
-13	757 863	W	CLAMP ASSEMBLY - Bridle cable (42A173-1)	2	
-14	762 245		SERVO - Roll (1C363-1-269R)	1	
-15	757 579	W	* SET SCREW - Capstan (3S326)	1	
-16	758 345		BRACKET - Servo mounting, top (7C1595)	1	
-17	758 346		BRACKET - Servo mounting, bottom (7C1596)	1	

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

PIPER PARTS CATALOG

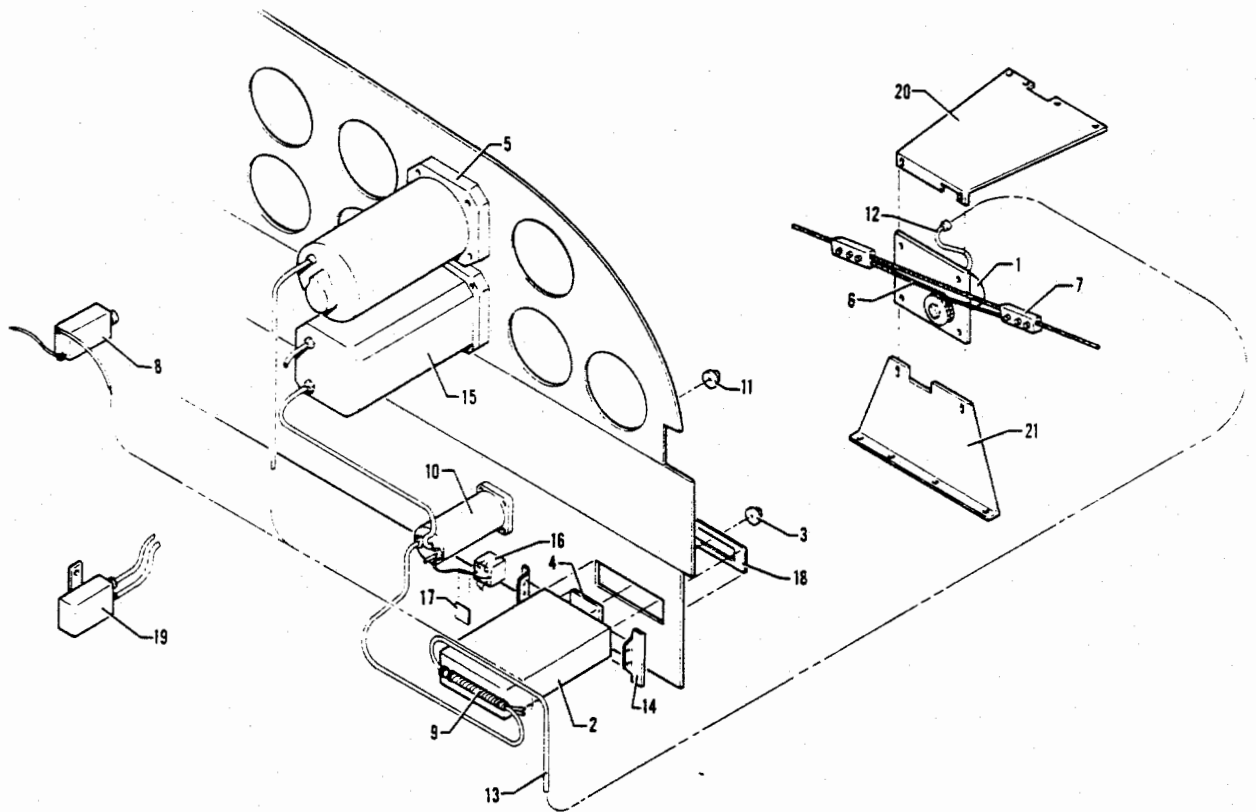


Figure 77. AutoControl III B Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 77

- A - Used if NSD-360 Navigation Situation Display Indicator is installed.
- B - When ordering specify color "bark II" or black.
- C - Used on PA-32RT-300 with serial numbers 32R-7885001 to 32R-7985075 inclusive, and PA-32RT-300T with serial numbers 32R-7887001 to 32R-7987100 inclusive.
- D - Used on PA-32RT-300 with serial numbers 32R-7985076 and up, and PA-32RT-300T with serial numbers 32R-7987101 and up.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
77-	78250		DRAWING - AutoControl III B Installation		
-1	762 245		SERVO ASSEMBLY - Roll (1C363-1-269R)	1	
-2	758 023		CONSOLE AMPLIFIER ASSEMBLY - AutoControl III B (1C338 S/N 10001 and up)	1	
	758 078	A	CONSOLE AMPLIFIER ASSEMBLY - AutoControl III B (1C338-2)	1	
-3	757 052	W	* KNOB - (36A98)	1	
-4	758 024	W	* CIRCUIT BOARD - Face plate light (includes 4 bulbs) (1B686)	1	
-5	550 780	W	INSTRUMENT - Gyro horizon (32172-00) (3 inch)	1	
-6	753 980		CABLE ASSEMBLY - Bridle (30B200)	1	
-7	757 863	W	CLAMP ASSEMBLY - Bridle cable (42A173-1)	2	
-8	454 656	W	CIRCUIT PROTECTOR - (PS50120-3-7) 5 amp	1	
-9	751 987	W	HARNESS ASSEMBLY - Amplifier (30C198)	1	
-10	551 114	W	COUPLER ASSEMBLY - Omni (25690-00)	1	
	25690-02	A,W	COUPLER ASSEMBLY - Omni	1	
-11	757 052	W	* KNOB - (36A98)	1	
-12	758 001		CABLE ASSEMBLY - Roll servo (30C211-8R)	1	
-13	758 002		CABLE ASSEMBLY - Roll servo extension (30C211-156R)	1	
-14	67494-00		ANGLE - Console mounting, left	1	
	67494-01		ANGLE - Console mounting, right	1	
-15	550 778	W	INSTRUMENT - Directional gyro (32168-00) (3 inch)	1	
-16	688 164	W	SWITCH - Coupler (MTG-206P)	1	
-17	69509-00	C	PLACARD - Omni coupler switch	1	
	35669-126	D	PLACARD - Omni coupler switch	1	
-18	79560-00	B	COVER - Console amplifier	1	
-19	754 843		FILTER - Roll signal (1B440)	1	
-20	758 345		BRACKET - Servo mounting, top (7C1595)	1	
-21	758 346		BRACKET - Servo mounting, bottom (7C1596)	1	

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

PIPER PARTS CATALOG

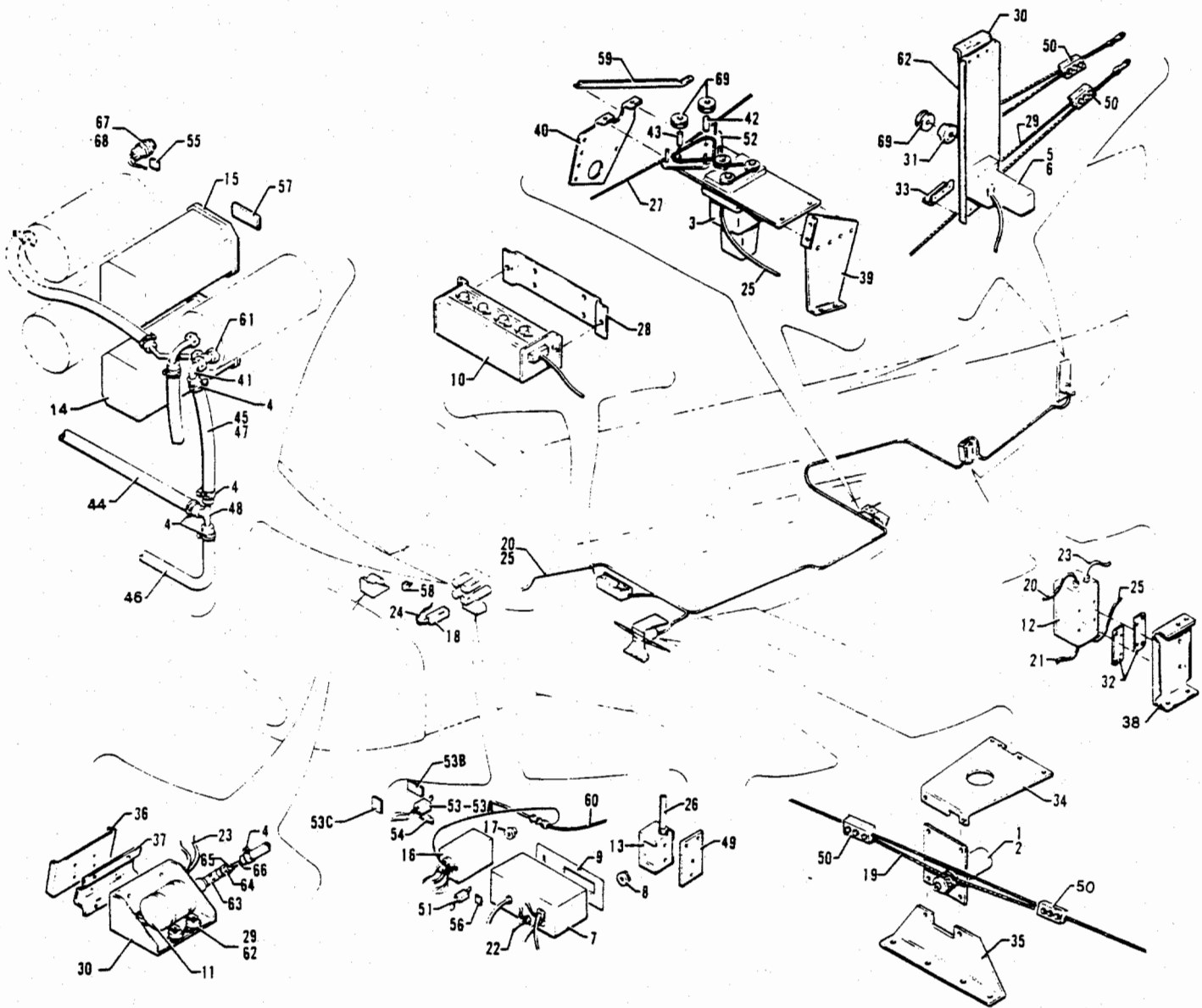


Figure 78. Altimatic III C Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 78

- A - Used if NSD-360 Navigation Situation Display Indicator is installed.
- B - Used if alternate static system is installed.
- C - Used when Dual Omni Coupler is installed.
- D - Used when Glide Slope Coupler is installed.
- E - Used on PA-32RT-300 with serial numbers 32R-7885001 to 32R-7985013 inclusive, and PA-32RT-300T with serial numbers 32R-7887001 to 32R-7887003, 32R-7887005 to 32R-7887050, 32R-7887052 to 32R-7987035 inclusive.
- F - Used on PA-32RT-300 with serial numbers 32R-7985014 and up, and PA-32RT-300T with serial numbers 32R-7887004, 32R-7887051, 32R-7987036 and up.
- G - Used on PA-32RT-300 with serial numbers 32R-7885001 to 32R-7985075 inclusive, and PA-32RT-300T with serial numbers 32R-7887001 to 32R-7987100 inclusive.
- H - Used on PA-32RT-300 with serial numbers 32R-7985076 and up, and PA-32RT-300T with serial numbers 32R-7987101 and up.
- J - Used if Pitch Trim Switch Replacement Kit 764 401 has been installed.
- K - Used if a push on-off switch is installed.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
78-	38387		DRAWING - AltMatic III C Installation		
-1	762 245		SERVO ASSEMBLY - Roll (1C363-1-269R)	1	
-2	757 579	W	* SET SCREW - Capstan (3S326)	1	
-3	762 251	E	SERVO ASSEMBLY - Trim (1C373-6-529)	1	
	762 351	F	SERVO ASSEMBLY - Trim (1C373-6-677)	1	
-4	554 861	W	CLAMP - (SAE TY F-4)	5	
-5	762 252		SERVO ASSEMBLY - Pitch (1C508-1-529P)	1	
-6	757 579	W	* SET SCREW - Capstan (3S326)	1	
-7	758 026	W	CONSOLE - AltMatic III C (1D720)	1	
-8	760 899	W	* KNOB - Roll (36B141)	1	
-9	757 456	W	* PLATE - Face (13C767) (with 6 bulbs)	1	
-10	751 314		AMPLIFIER - (1C515-1)	1	
-11	751 347		ALTITUDE HOLD - (1C725) (includes 1C535-1 controller, mounting brackets and shock mounts)	1	
-12	763 008		AMPLIFIER - Trim (1C709-16)	1	
-13	758 181		BOX - Relay (1A526)	1	
-14	550 778	W	INSTRUMENT - Directional gyro (32168-00)	1	
	596 755	W	INSTRUMENT - Horizontal situation indicator, unslaved (NSD-360-A/52D136-1333)	1	
-15	550 559	W	INSTRUMENT - Attitude gyro (32173-02)	1	
-16	551 114	W	COUPLER ASSEMBLY - Omni (25690-00)	1	
	25690-02	A,W	COUPLER ASSEMBLY - Omni	1	
-17	757 052	W	* KNOB - (36A98)	1	
-18	751 300	W	COUPLER ASSEMBLY - Glide slope (1C493)	1	
-19	753 980		CABLE ASSEMBLY - Bridle (30B200)	1	
-20	763 225		CABLE ASSEMBLY - (30D207-31)	1	
-21	763 222		CABLE ASSEMBLY - (30C174-11)	1	
-22	763 248		CABLE ASSEMBLY - (30C156-8)	1	
-23	763 270		CABLE ASSEMBLY - (30C481-1)	1	
-24	596 235		CABLE ASSEMBLY - (30C291-1)	1	
-25	763 223		CABLE ASSEMBLY - (30C481-27)	1	
-26	758 052		CABLE ASSEMBLY - (30B340-2)	1	
-27	62701-135	E	CABLE ASSEMBLY - Control stabilator trim, forward	1	
	62701-183	F	CABLE ASSEMBLY - Control stabilator trim, forward	1	
-28	758 443		BRACKET - Amplifier mounting (64B112-1)	1	
-29	763 272		CABLE ASSEMBLY - Bridle (30B517-9)	1	
-30	758 441		BRACKET - Pitch servo mounting, top (7B1831)	1	
-31	758 355		BRACKET - (7A972-2)	1	
-32	758 354		BRACKET - Pitch trim amplifier (7A1445)	2	
-33	758 351		BRACKET - Pitch servo mounting, bottom (7B1600)	1	
-34	758 345		BRACKET - Servo mounting, top (7C1595)	1	
-35	758 346		BRACKET - Servo mounting, bottom (7C1596)	1	
-36	758 417		BRACKET - Altitude hold (7C1863)	1	
-37	758 405		BRACKET - Altitude hold (7B1774-1)	1	
-38	758 404		BRACKET - Pitch trim amplifier (7C1786)	1	
-39	68674-00		BRACKET - Pitch trim servo mounting	1	
-40	68676-00		BRACKET - Pitch trim servo mounting	1	
-41	63211-00		TUBE ASSEMBLY - Static	1	
-42	95061-115		BUSHING - Pitch trim servo (.44 long)	1	
-43	95061-118		BUSHING - Pitch trim servo (.31 long)	1	
-44	63913-138	B	HOSE - Alternate static (54.50" L.)	1	
-45	63913-139		HOSE	1	
-46	63913-112	B	HOSE - Alternate static (8" L.)	1	
-47	63913-70		HOSE - Alternate static (22" L.)	1	
-48	68193-04	B	TEE	1	
-49	758 416		BRACKET - Relay box (7B1822)	1	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
78-50	757 863	W	CLAMP ASSEMBLY - Bridle cable (42A173-1)	4	
-51	487 829	C,G	SWITCH - Omni coupler (8867K1)	1	
	688 164	C,H	SWITCH - Omni coupler (MTG-206P)	1	
-52	751 906	E	GUARD - Cable (7A546)	1	
	755 079	F	GUARD - Cable (7A546-1)	1	
-53	764 401		PITCH TRIM SWITCH REPLACEMENT KIT	1	
-53a	587 923	J	* SWITCH - Pitch trim (PS10095-1)	1	
-53b	87369-39	J	* PLACARD - On-off	1	
-53c	87369-38	J	* PLACARD - Electric pitch trim	1	
-54	67490-02	K	PLACARD - Electric pitch trim	1	
-55	69669-40	D	PLACARD - Glide slope coupler	1	
-56	96734-02	C,G	PLACARD - Omni coupler switch	1	
	35669-126	C,H	PLACARD - Omni coupler switch	1	
-57	763 418		PLACARD - Conduct trim check (13A660-1)	1	
-58	454 656		CIRCUIT PROTECTOR - (PS50120-3-7)	1	
-59	758 419		BRACKET - Pitch trim servo (7B1504)	1	
-60	596 236	D	CABLE ASSEMBLY - (30B295-1)	1	
-61	488 310	W	TEE - (MS20826-3D)	1	
-62	758 442		BRACKET - Pitch servo (7D1830)	1	
-63	458 893	W	ELBOW - (AN822-3D)	1	
-64	477 611		NUT - (AN818-3D)	1	
-65	486 896		SLEEVE - (MS20819-3D)	1	
-66	79636-04		TUBE - Altitude hold	1	
-67	596 244	D	LIGHT ASSEMBLY - (30B412-1)	1	
-68	761 173	D	* LAMP - (65S16)	1	
-69	481 640		PULLEY - (MS24566-1B)	3	

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

PIPER PARTS CATALOG

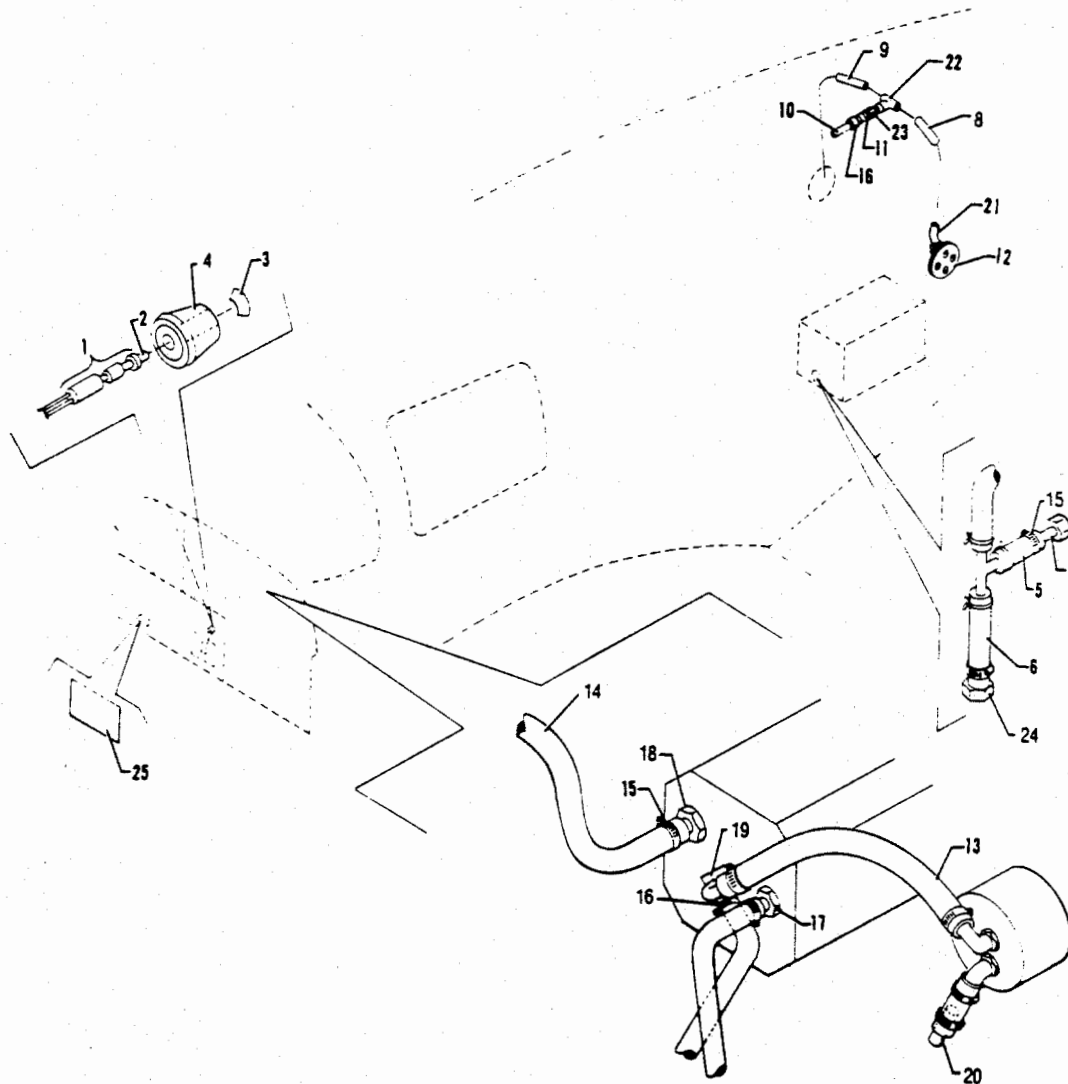


Figure 78A. King KFC-200 AutoPilot Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 78A

- A - This installation is relative only to associated Piper Aircraft Corporation parts that are used when installing King KFC-200 AutoPilot/Flight Director. All King equipment and components must be procured from King Radio Corporation, 400 N. Rogers Road, Olathe, Kansas 66061.
- B - Used if a Flight Director is installed.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
78A-	36871		DRAWING - King KFC-200 AutoPilot Installation		
-1	36844-04	B	SWITCH ASSEMBLY - Go around	1	
-2	588 085	B	* SWITCH - (39-3)	1	
-3	78237-00	B	* PLACARD - Go around	1	
-4	36530-02	B	* KNOB - Throttle	1	
-5	63913-12		HOSE - (4.00" L.)	1	
-6	63913-191		HOSE - (6.00" L.)	1	
-7	67700-393		TUBE ASSEMBLY	1	
-8	95153-20		TUBE ASSEMBLY - Left	1	
-9	95153-79		TUBE ASSEMBLY - Right	1	
-10	63913-59		HOSE - (43.00" L.)	1	
-11	79636-04		TUBE	1	
-12	78039-00		FITTING ASSEMBLY - Vent	2	
-13	63913-180		HOSE - (6.50" L.)	1	
-14	63913-181		HOSE - (7.00" L.)	1	
-15	554 888	W	CLAMP - (SAE TY F-6)	3	
-16	554 861	W	CLAMP - (SAE TY F-4)	3	
-17	451 881	W	ADAPTER - (1K10-2-4)	1	
-18	451 939	W	ADAPTER - (1K10-4-6)	1	
-19	460 836		FITTING - (1K31-1)	1	
-20	96268-00		PLUG ASSEMBLY	2	
-21	458 888	W	ELBOW - (MS20823-3D)	2	
-22	488 315	W	TEE - (AN824-3D)	1	
-23	486 896		SLEEVE - (MS20819-3D)	1	
	477 611		NUT - (AN818-3D)	1	
-24	401 310	W	BOLT - (AN4-10A)	1	
-25	35669-110		PLACARD - Compass system	1	

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

PIPELINE PARTS CATALOG



**Figure 79. Piper Automatic Locator (ELT) Installation
(Communications Component Corp.)**

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 79

A - When ordering specify color "bark II" or black.

W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
79-	79761		DRAWING - Piper Automatic Locator (ELT) Installation		
-1	762 030		TRANSMITTER ASSEMBLY - Automatic locator (CIR-11-2) (includes alkaline battery pack)	1	
-2	758 528		* BATTERY PACK - Transmitter assembly (alkaline)	1	
-3	758 092		* ANTENNA ASSEMBLY - Portable (10-249)	1	
-4	763 004		ANTENNA ASSEMBLY - Whip(10-234)	1	
-5	79762-02		SWITCH AND HARNESS ASSEMBLY - ELT	1	
-6	588 030		* SWITCH - (8A2051)	1	
-7	79463-02	A	COVER - ELT Switch	1	
-8	69669-66		PLACARD - Warning	1	
-9	99887-04	W	BRACKET ASSEMBLY - Emergency locator transmitter	1	
-10	99888-00	W	RING ASSEMBLY - Emergency locator transmitter	1	
-11	99889-00	W	COVER ASSEMBLY - Emergency locator transmitter	1	
-12	486 281		SCREW - (PS10015-B8-12NA)	3	
-13	35669-105		PLACARD - ELT Location	1	

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

PIPER PARTS CATALOG

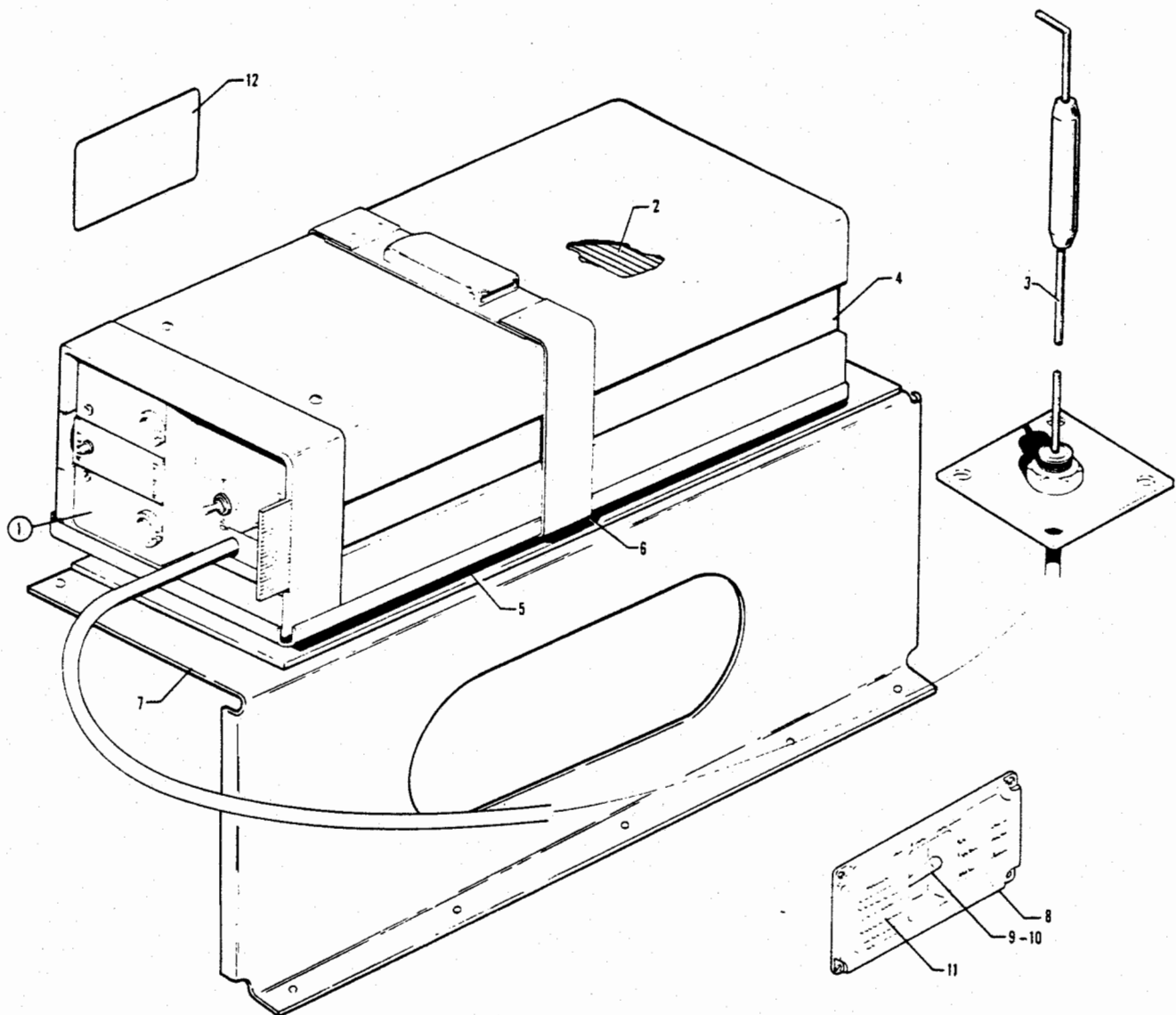


Figure 79A. Piper Automatic Locator (ELT) Installation
(Narco Avionics)

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 79A

A- When ordering specify color "bark II" or black.

W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
79A-	36632		DRAWING - Piper Automatic Locator (ELT) Installation		
-1	597 461		TRANSMITTER ASSEMBLY - Automatic locator (ELT 10) (includes alkaline battery pack)	1	
-2	758 452	W	* BATTERY PACK - Transmitter assembly (57674-0001)	1	
-3	597 257	W	* ANTENNA ASSEMBLY - E.L.T. (01652-0101)	1	
-4	763 019	W	* ANTENNA - Blade, portable (57667-0001)	1	
-5	758 453	W	* BASE - Transmitter assembly (57666-0001)	1	
-6	762 357	W	* STRAP - Transmitter assembly (57682-0101)	1	
-7	99887-06		BRACKET ASSEMBLY - Emergency locator transmitter	1	
-8	79463-00	A	COVER - ELT switch	1	
-9	79599-00		SWITCH AND HARNESS ASSEMBLY - ELT	1	
-10	588 011		* SWITCH - (8E1011)	1	
-11	35669-132		PLACARD - Warning	1	
-12	35669-105		PLACARD - ELT location	1	

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

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PIPER PARTS CATALOG

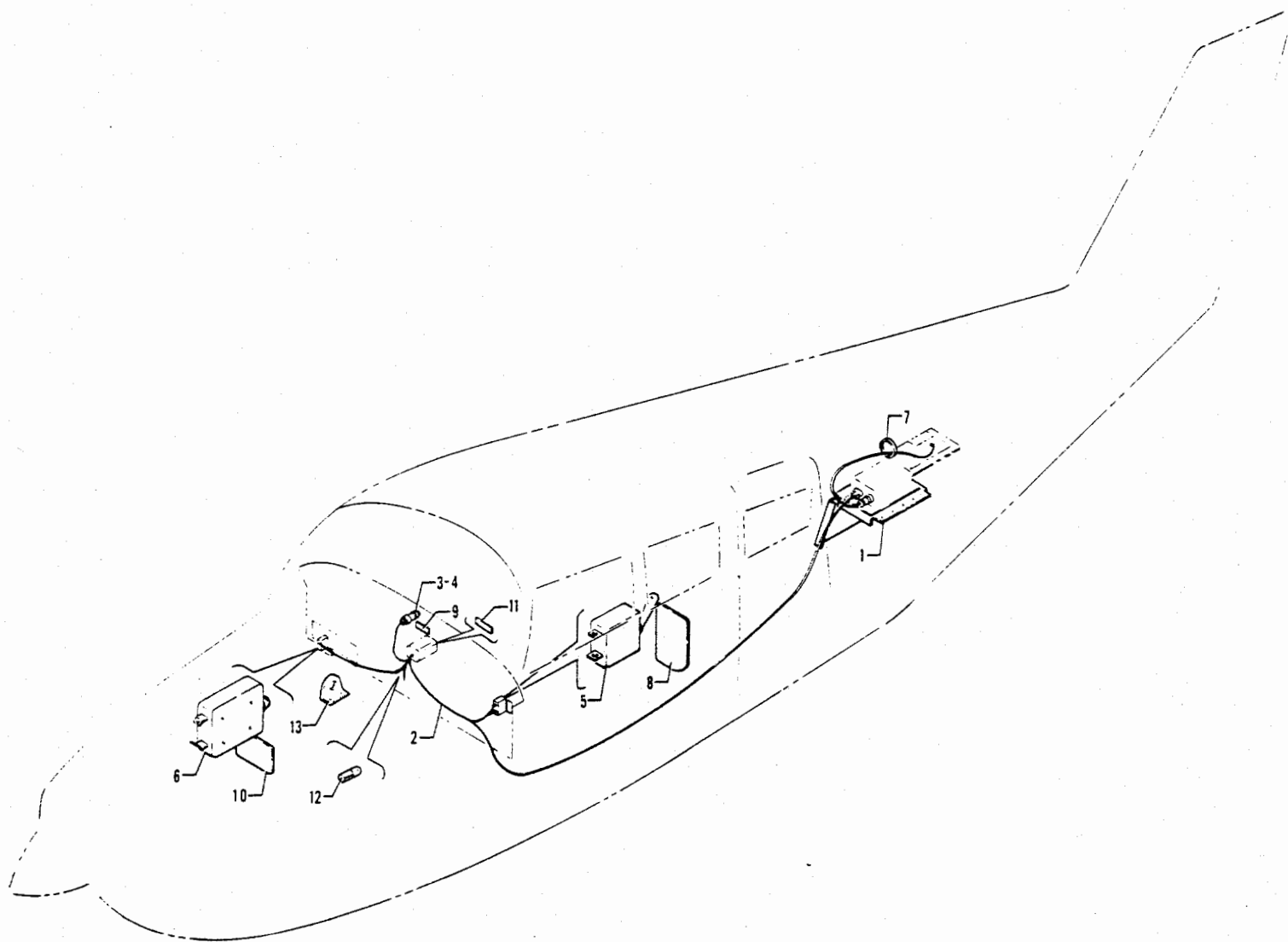


Figure 80. Radar Altimeter Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 80

A - Used if air conditioning is installed.

W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
80-	37693		DRAWING - Radar Altimeter Installation		
-1	37693-04		SUPPORT - Radar altimeter transmitter	1	
-2	37694-02		HARNESS ASSEMBLY - Radar altimeter	1	
-3	761 198		* LAMP ASSEMBLY - (136-0020-00)	1	
-4	472 054	W	* LAMP - (PS10008-330)	1	
-5	587 923		* SWITCH - (PS10095-1)	1	
-6	454 714		CIRCUIT BREAKER - (PS50120-2-1) 5 amp	1	
-7	63186-12		MOULDING	1	
-8	69669-97		PLACARD - Radar altimeter "ON-OFF"	1	
-9	69669-95		PLACARD - Radar altimeter "OFF" for "TAKE-OFF"	1	
-10	69669-96		PLACARD - Radar altimeter	1	
-11	69669-114	A	PLACARD - Warning	1	
-12	472 054	W	LAMP - (PS10008-330)	1	
-13	35672-02		BRACKET - Horn	1	

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

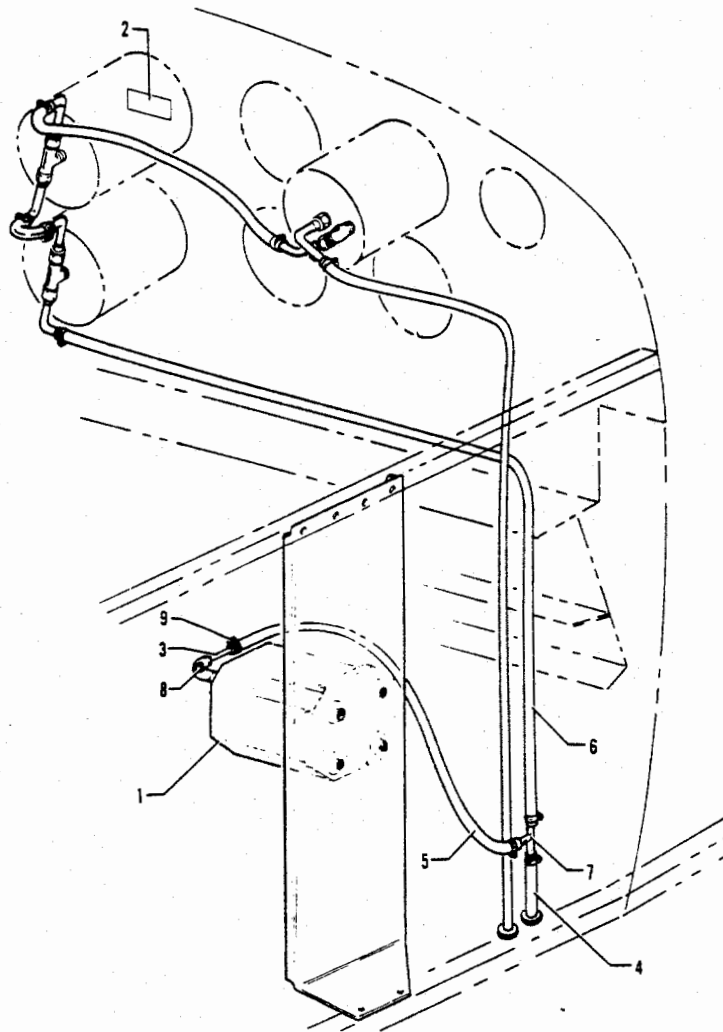


Figure 81. Encoder Installation (Narco - AR 500 and United - 5125-P3)

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 81

- A - Used on PA-32RT-300 with serial numbers 32R-7985095 and up, and PA-32RT-300T with serial numbers 32R-7987121 and up.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
81-	69875		DRAWING - Encoder Installation (Narco - AR 500 and United - 5125-P3)		
-1	596 605	A	ALTITUDE REPORTER - Narco (PS50040-30-2)	1	
	597 426		ALTITUDE REPORTER - United (PS50040-30-4)	1	
-2	35669-154		PLACARD - Altitude reporter installed	1	
-3	67700-160		TUBE ASSEMBLY - Altitude reporter	1	
-4	63913-34	W	HOSE	1	
-5	63913-37		HOSE	1	
-6	63913-115		HOSE	1	
-7	68193-07		TEE	1	
-8	458 893		ELBOW - (AN822-3D)	1	
-9	554 861	W	CLAMP - (SAE TY F-4)	4	

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

PIPER PARTS CATALOG

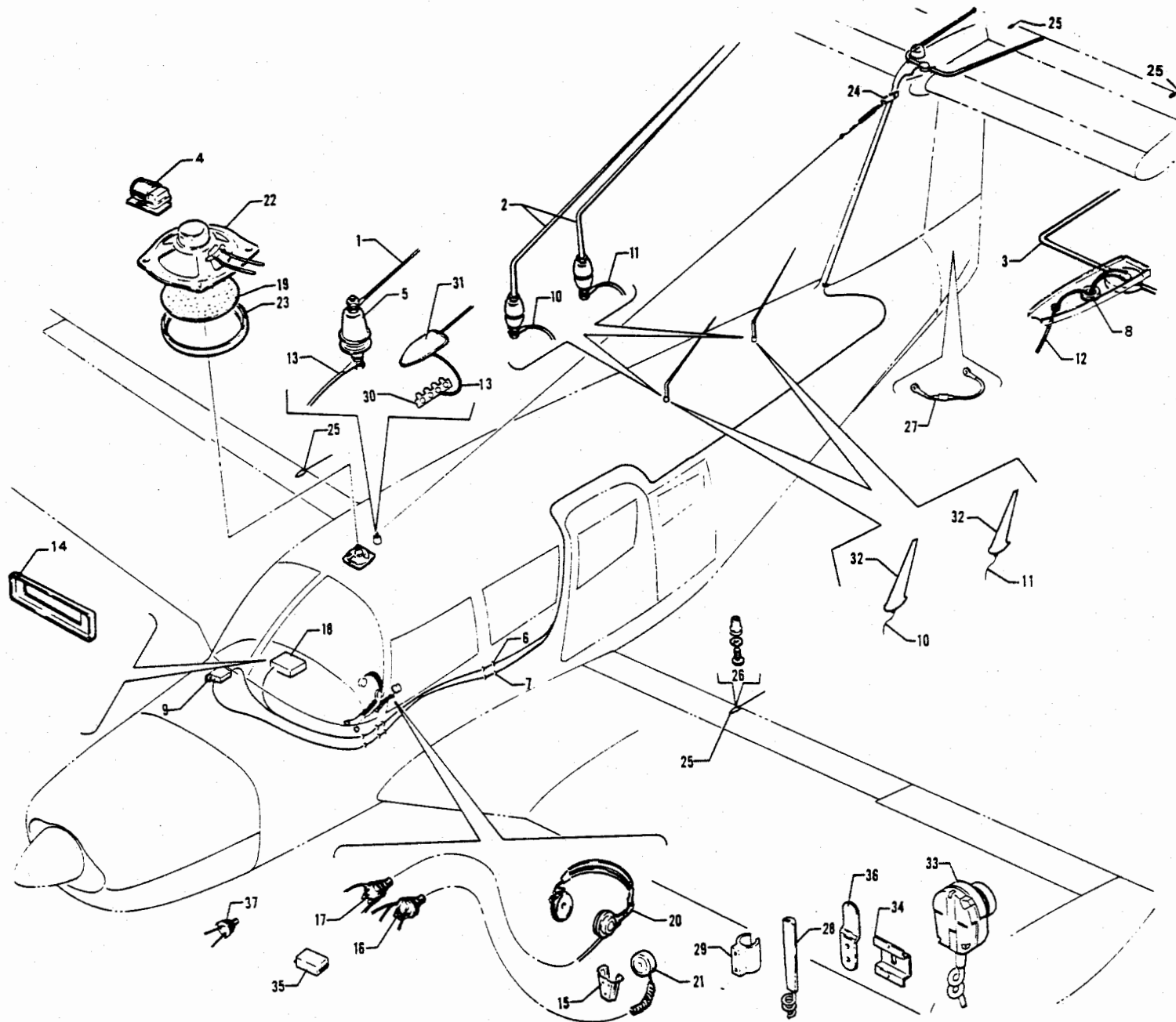


Figure 82. Radio, Antenna System and Static Wicks Installation

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 82

- A - See Figure 83 for component parts.
- B - With Single VHF Switch, ADF Switch, and Marker Beacon Switch.
- C - With Microphone Switch, Dual VHF Switches and ADF Switch.
- D - With Microphone Switch, Dual VHF Switches, ADF Switch and Marker Beacon Switches.
- E - Used if Bendix ADF-T-12C or ADF-T-12D Receiver is installed.
- F - Used if Dual Glide Slope is installed.
- G - When ordering specify color "bark II" or black.
- H - Used on PA-32RT-300 with serial numbers 32R-8085001 and up, and PA-32RT-300T with serial numbers 32R-8087001 and up.
- J - Used on PA-32RT-300 with serial numbers 32R-7985092 and up, and PA-32RT-300T with serial numbers 32R-7887216, 32R-7987116 and up.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
82-	69390		DRAWING - Radio Systems Installation		
	69389		DRAWING - Radio Antenna Systems Installation		
	79158		DRAWING - All Weather Radio Antenna System Installation		
	78947		DRAWING - Static Wicks Installation		
	78973		DRAWING - Radio Antenna Systems Installation		
-1	99841-06		ANTENNA ASSEMBLY - Receiving	1	
-2	451 272	W	ANTENNA ASSEMBLY - Transmitting (VTP-17)	1	
-3	451 273	W	ANTENNA ASSEMBLY - Omni-receiving (VRP-37)	1	
-4	484 375		RELAY - Microphone (11F-2300G-SIL)	1	
-5	467 064	W	INSULATOR - Antenna (135-40)	1	
-6	463 390		GROMMET - (1659)	9	
-7	434 135	W	GROMMET - (MS35489-14)	5	
-8	434 189		GROMMET - (MS35489-134)	1	
-9	555 501		COUPLER - Dual Nav-Com (AVB-10)	1	
	555 422	F	COUPLER - Dual Nav-Com with glide slope (AV-571)	1	
	555 421	J	COUPLER - Single Nav-Com with glide slope (AV-570)	1	
-10	99610-02		CABLE ASSEMBLY - Transmitting	1	
-11	99610-03		CABLE ASSEMBLY - Transmitting	1	
-12	65192-10		CABLE ASSEMBLY - Receiving (403" L)	1	
	38390-02		CABLE ASSEMBLY - Receiving, forward (315" L)	1	
	65192-13		CABLE ASSEMBLY - Receiving, aft (75" L)	1	
-13	596 118		CABLE ASSEMBLY - Receiving (90677-67)	1	
-14	99409-00		COVER ASSEMBLY - Transmitter selector	1	
-15	99680-08	G	SUPPORT - Microphone	1	
-16	468 002	W	JACK - Mike (S12B)	2	
-17	468 006	W	JACK - Phone (11)	1	
-18	99395-00	A,B	AUDIO SELECTOR ASSEMBLY	1	
	99395-02	A,C	AUDIO SELECTOR ASSEMBLY	1	
	99395-03	A,D	AUDIO SELECTOR ASSEMBLY	1	
-19	68441-00		GRILL - Radio speaker	1	
-20	464 327	W	HEADPHONE - (P-23)	1	
	464 407		HEADPHONE - (with boom mike)	1	
-21	474 652		MICROPHONE - (Telex 60837-17)	1	
-22	585 015		SPEAKER - Radio, circular (6FU3211)	1	
-23	68440-00		RING - Radio speaker	1	
-24	486 562		SHACKLE - (MS20115-2)	1	
-25	494 678		WICK - Static (SW10-96)	9	
-26	415 520	W	SCREW - (MS35206-230)	18	
	407 122		WASHER - (AN935-6L)	18	
	406 848	W	RIVNUT - (A6K75)	18	
-27	469 600		JUMPER ASSEMBLY - Lightning protection (MS25083-3AA6)	7	
-28	474 642		MICROPHONE - (Telex 62800-04)	1	
-29	565 523		HOLDER - Microphone (Telex 62802-00)	1	
-30	79152-00		STRIP ASSEMBLY - Terminal	1	
	79152-02	E	STRIP ASSEMBLY - Terminal	1	
-31	79160-00		ANTENNA - All weather receiving (217.5" L)	1	
	79160-02		ANTENNA - All weather receiving (203.25" L)	1	
-32	596 332		ANTENNA - Broadband, VHF Comm (PS50040-18-1)		
			(Communications Components)	2	
	596 664		ANTENNA - Broadband, VHF Comm (PS50040-18-2)		
			(Dorne and Margolin)	2	
-33	474 655		MICROPHONE - Narco (M700A)	1	
-34	554 686		CLIP - Microphone holder (90Z1136)	1	
-35	584 006		RELAY - Boom mike (652C-121-1D)	1	
-36	453 417	W	BRACKET - Microphone	1	
-37	468 002	H,W	JACK - Mike, console (S12B)	1	

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

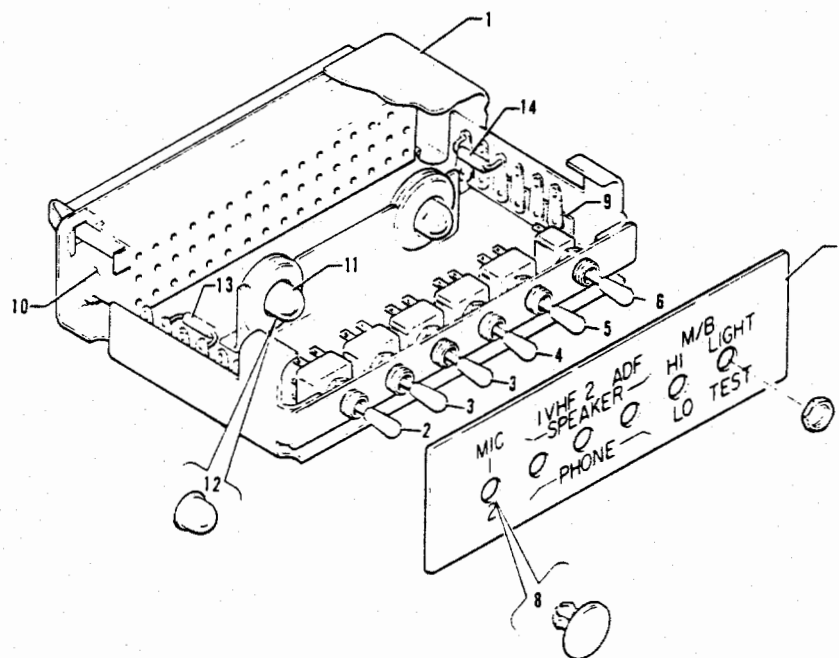


Figure 83. Audio Selector Assembly

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 83

- A - With Single VHF Switch, ADF Switch and Marker Beacon Switches.
- B - With Microphone Switch, Dual VHF Switches and ADF Switch.
- C - With Microphone Switch, Dual VHF Switches, ADF Switch and Marker Beacon Switches.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
83-1	99395-00	A	AUDIO SELECTOR ASSEMBLY	1	
	99395-02	B	AUDIO SELECTOR ASSEMBLY	1	
	99395-03	C	AUDIO SELECTOR ASSEMBLY	1	
-2	587 807		SWITCH - Microphone (JMT-223)	1	
-3	587 808		SWITCH - VHF (JMT-221)	2	
-4	587 808		SWITCH - ADF (JMT-221)	1	
-5	587 808		SWITCH - Marker beacon, Hi/Lo (JMT-221)	1	
-6	587 809		SWITCH - Marker beacon, light test (JMT-126)	1	
-7	99344-00		PLATE - Selector face	1	
-8	453 855	W	BUTTON - Plug (207-170201-00)	2	
-9	588 356		STRIP - Terminal (1076)	2	
-10	484 234		RECEPTACLE - (1055R48)	1	
-11	472 056		BULB - (GE53)	2	
-12	460 602		FILTER - Lunar white (1813-26)	2	
-13	456 703		DIODE - (IN2071)	3	
-14	484 461		RESISTOR - (242E3R05)	1	

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

PIPER PARTS CATALOG

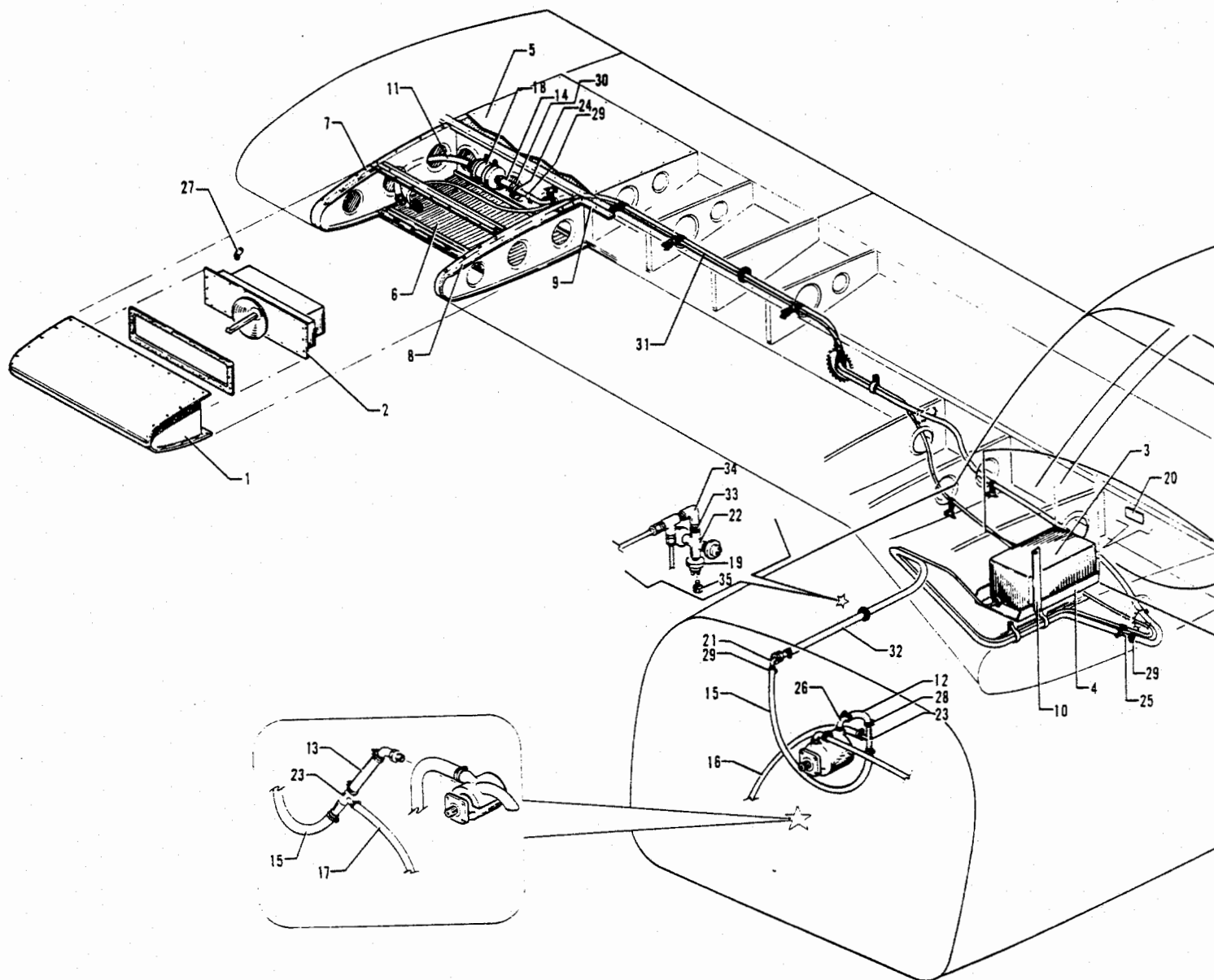


Figure 84. Radar System Installation
 (PA-32RT-300 - Serial Nos. 32R-7985088 and up)
 (PA-32RT-300T - Serial Nos. 32R-7987114 and up)

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 84

- A - Used on PA-32RT-300 with serial numbers 32R-7985088 and up, and PA-32RT-300T with serial numbers 32R-7987114 and up.
- B - Used on PA-32RT-300 only.
- C - Used on PA-32RT-300T only.
- D - This part is not available through Piper Aircraft. Order from Sperry (RCA) Flight Systems, 5353 W. Bell Road, Glendale, Arizona 85306.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
84-	36885		DRAWING - Radar System Installation		
-1	36887-02		RADOME ASSEMBLY	1	
-2		D	ANTENNA ASSEMBLY - R/T (MI585255-1)	1	
-3		D	INDICATOR - Radar (MI585256)	1	
-4		D	TRAY - Mounting (MI585260)	1	
-5	36880-04		SKIN ASSEMBLY - Outboard, wing, top	1	
-6	36880-05		SKIN ASSEMBLY - Outboard, wing, bottom	1	
-7	36880-09		FILLER - Wing rib, Sta. 171.35	1	
-8	36880-08		FILLER - Wing rib, Sta. 147.70	1	
-9	36880-07		FILLER - Wing rib, Sta. 147.70, rear	1	
-10	79009-00		SUPPORT - Mounting tray	1	
-11	63913-84		HOSE - Antenna to filter	1	
-12	63913-153	B	HOSE - Fitting to vacuum pump	1	
-13	63913-124	C	HOSE - Fitting to vacuum pump	1	
-14	63913-154		HOSE	1	
-15	63913-178		HOSE - Firewall to vacuum pump	1	
-16	63913-185	B	HOSE - Fitting	1	
-17	63913-189	C	HOSE - Fitting	1	
-18	460 866	W	FILTER - (1J4-6)	1	
-19	587 990		SWITCH - Pressure (M-4006-4)	1	
-20	35669-25		PLACARD - Radar	1	
-21	558 778		FITTING - Bulkhead (1K56-6-6)	1	
-22	455 405		CROSS - (AN918-1D)	1	
-23	36886-02		FITTING - Tee	1	
-24	36886-08		FITTING - Tube	1	
-25	36886-09		FITTING - Tube	1	
-26	560 775	B	ELBOW - (1K8-6-10)	1	
-27	560 774		ELBOW - (1K9-6-10)	1	
-28	454 837		CLAMP - (SAE TY A-7, 8)	2	
-29	554 888	W	CLAMP - (SAE TY F-6)	7	
-30	554 659		CLAMP - (SAE TY F-8)	4	
-31	36885-05		TUBE	1	
-32	36885-04		TUBE	1	
-33	476 643	W	NIPPLE - (AN911-1D)	1	
-34	458 904		ELBOW - (AN914-1D)	1	
-35	581 312	W	PLUG - (AN913-1D)	1	

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

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR RADIO INSTALLATION DRAWINGS

- A - Used on PA-32RT-300 with serial numbers 32R-7885001 to 32R-7885302 inclusive, and PA-32RT-300T with serial numbers 32R-7887001 to 32R-7887307 inclusive.
- B - Used on PA-32RT-300 with serial numbers 32R-7985001 and up, and PA-32RT-300T with serial numbers 32R-7987001 and up.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
	99837	A	DRAWING - King KX-170B/B(E) and Glide Slope Radio Installation		
	38242	A	DRAWING - King KX-170B/B(E) COMM G.S. and NSD-360 Radio Installation		
	38134	A	DRAWING - King KX-175B/B(E), KN-73, KN-77 and KNI-520 Radio Installation		
	38135	A	DRAWING - King KN-74 Area Nav System Installation		
	79051		DRAWING - King KR-86 Single Radio Installation		
	99844		DRAWING - King KR-85 Single Radio Installation		
	69922		DRAWING - King KN-61 DME Radio Installation		
	79054		DRAWING - King KN-65/65A DME Radio Installation		
	69657		DRAWING - King KT-76/78 Transponder Installation		
	69935		DRAWING - King KT-76A/78A Transponder Installation (with provisions for Encoding Altimeter and Altitude Reporter)		
	69390		DRAWING - Radio Systems Installation		
	79001		DRAWING - King KMA-20 Audio and Marker Beacon Installation		
	38257		DRAWING - Collins Dual VHF-250/251 with DME Switching, Dual Omni, Glide Slope and H.S.I.		
	69928		DRAWING - Collins RCR-650-ADF Single Radio Installation		
	69932		DRAWING - Narco DME-195 Radio Installation		
	69929		DRAWING - Collins TDR-950 Transponder Installation (with provisions for Encoding Altimeter and Altitude Reporter)		
	69930		DRAWING - Collins AMR-350 Audio and Marker Beacon System Installation		
	67966		DRAWING - Narco COM 120/111, NAV 121/122/122A, UGR-2A Radio Installation		
	37966		DRAWING - NAV 124A, NSD-360A Radio Installation		
	37988		DRAWING - Narco CLC-60A/ID-124, R NAV DME-190 Radio Installation		
	37992		DRAWING - Narco CLC-60A/ID-124, DME-195 Radio Installation		
	38243		DRAWING - Narco CLC-60A/NSD-360/360A R NAV Radio Installation		
	38259		DRAWING - Narco CLC-60A/NSD-360A DME-195 Radio Installation		
	69860		DRAWING - Narco ADF-140/141 Radio Installation		
	38131		DRAWING - Narco ADF-140/141 Dual Radio Installation		
	79491		DRAWING - Narco DME-190/190 TSO Installation		
	69943		DRAWING - Narco DME-195 Radio Installation		
	99989		DRAWING - Narco AT50/AT50A Transponder Installation (with provisions for Encoding Altimeter and Altitude Reporter)		
	37964		DRAWING - Narco CP-135/135M Radio Installation		
	69982		DRAWING - King Single ADF/HF Compatibility Installation		
	79075		DRAWING - King KR-85, KR-86 Dual Radio Installation		
	36912	B	DRAWING - KX-170B/175B, KI-204/208/209 KN-75 Nav-Comm and G/S Installation (with KFC-200 Provsions)		

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
	36914	B	DRAWING - King KX-170B/175B, KI-203/208 KN-72/75 NAV-COMM, Glide Slope and H.S.I. Installation (with KFC-200 Provisions)		
	36915	B	DRAWING - King KX-170B/175B, KI-203/206/208 KN65A/74 75 Area Nav. System Installation (with KFC-200 Provisions)		
	36920	B	DRAWING - Collins DCE-400 Distance Computing Equipment		

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

PIPER PARTS CATALOG

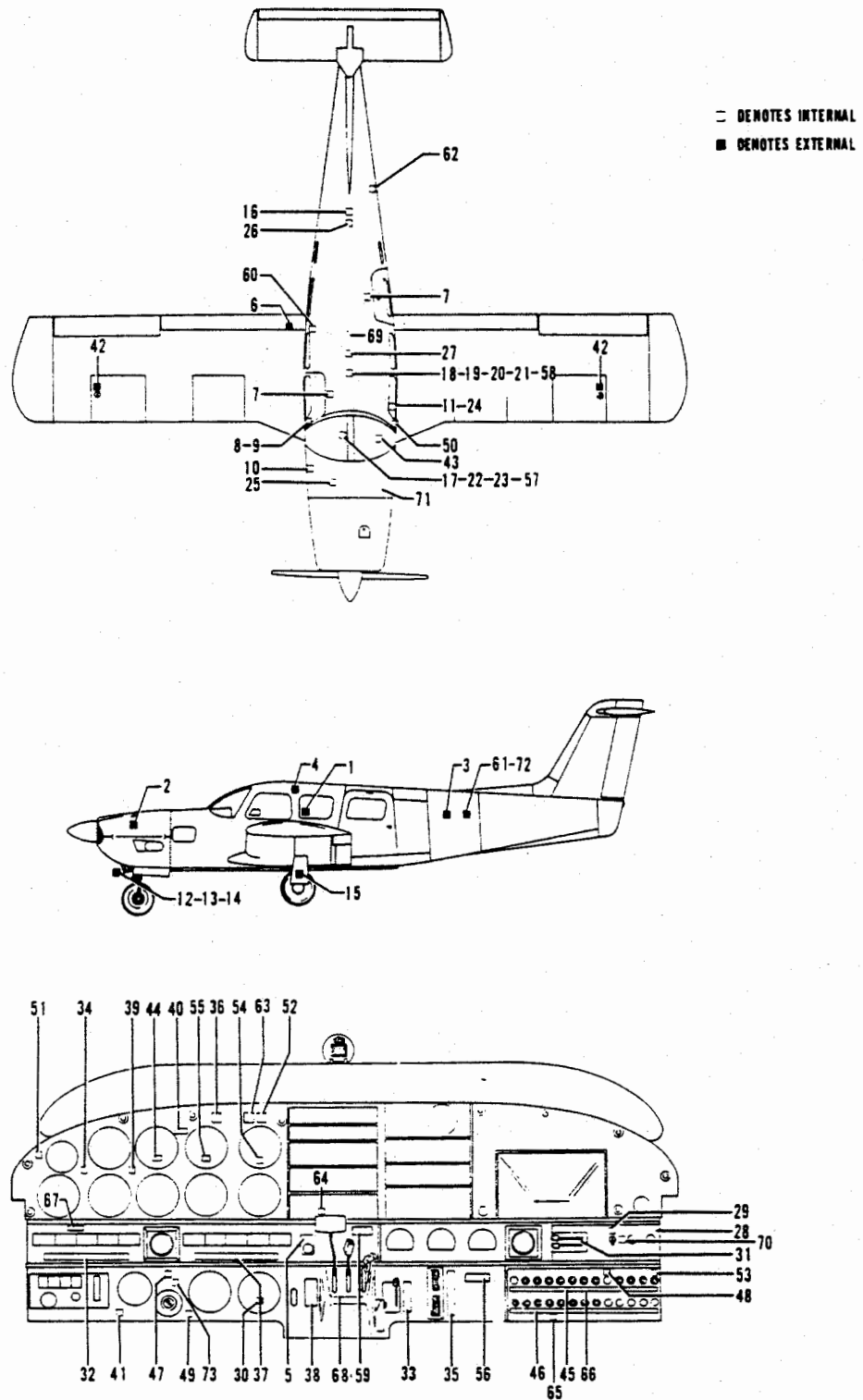


Figure 85. Placards and Exterior Stencils

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR FIGURE 85

- A - Used if heavy duty wheels, brakes and tires are installed.
- B - Used if heavy duty wheels, brakes and tires are not installed.
- C - Used on PA-32RT-300 only.
- D - Used on PA-32RT-300T only.
- E - Used on PA-32RT-300 with serial numbers 32R-7885001 to 32R-7885302 inclusive, and PA-32RT-300T with serial numbers 32R-7887001 to 32R-7887307 inclusive.
- F - Used on PA-32RT-300 with serial numbers 32R-7985001 and up, and PA-32RT-300T with serial numbers 32R-7987001 and up.
- G - Used on PA-32RT-300 with serial numbers 32R-7885154 and up, and PA-32RT-300T with serial numbers 32R-7887002 and up.
- H - Used if AltiMatic III C is installed.
- J - Used if AutoControl III B is installed.
- K - Used on PA-32RT-300 with serial numbers 32R-7885001 to 32R-7985054 inclusive, and PA-32RT-300T with serial numbers 32R-7887001 to 32R-7987077 inclusive.
- L - Used on PA-32RT-300 with serial numbers 32R-7985055 and up, and PA-32RT-300T with serial numbers 32R-7987078 and up.
- M - Used on PA-32RT-300 with serial numbers 32R-7985082 and up, and PA-32RT-300T with serial numbers 32R-7987109 and up.
- N - Used on aircraft that comply with R.L.D. (Dutch) requirements.
- O - Used on aircraft that comply with German Government Requirements.
- P - Used on PA-32RT-300 with serial numbers 32R-7885001 and 32R-7885002, and PA-32RT-300T with serial numbers 32R-7887001 to 32R-7887006 inclusive.
- Q - Used on PA-32RT-300 with serial numbers 32R-7885003 and up, and PA-32RT-300T with serial numbers 32R-7887007 and up.
- R - Used on PA-32RT-300 with serial numbers 32R-7885001 to 32R-7985075 inclusive, and PA-32RT-300T with serial numbers 32R-7887001 to 32R-7987100 inclusive.
- S - Used on PA-32RT-300 with serial numbers 32R-7985076 and up, and PA-32RT-300T with serial numbers 32R-7987101 and up, if AutoControl IIIB or AltiMatic IIIC is installed.
- T - Used if a push on-off pitch trim switch is installed.
- U - Used if a toggle pitch trim switch is installed.
- W - These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
85-	38388		DRAWING - Placard Details Installation		
	38385	C	DRAWING - Exterior Finish		
	98687	D	DRAWING - Exterior Finish		
-1	79315-00		PLACARD - Piper-Aire	1	
-2	37979-02	E	NAMEPLATE - Lance II	2	
	78745-03	F	NAMEPLATE - Piper Lance II	2	
	37981-02	E	NAMEPLATE - Turbo Lance II	2	
	79831-02	F	NAMEPLATE - Piper Turbo Lance II	2	
-3	37974-02	E	NAMEPLATE - Piper	2	
-4	48629-00	W	MEDALLION - Piper logo	1	
-5	99921-00		PLACARD - Air condition door light	1	
-6	35664-02		PLACARD - Flap warning	1	
-7	68555-05	E	PLACARD - Door lock	2	
-8	69669-117		PLACARD - Open	1	
-9	69669-118		PLACARD - Latch	1	
-10	35669-18		PLACARD - Light switch	1	
-11	69669-141		PLACARD - Storm window	1	
-12	69669-89		PLACARD - Oleo service instructions	1	
-13	35669-07		PLACARD - Turn limit	1	
-14	35669-05		PLACARD - Turn limit center mark	1	
-15	69669-35	A	PLACARD - Oleo service instructions	1	
	69669-88	B	PLACARD - Oleo service instructions	1	
-16	66787-00		PLACARD - Soft wear only	1	
-17	69363-00		PLACARD - Rudder trim	1	
-18	67702-00		PLACARD - Emergency gear lever	1	
-19	69669-84		PLACARD - Gear override latch	1	
-20	69669-85		PLACARD - Override instructions	1	
-21	67786-00		PLACARD - Stabilator trim	1	
-22	35669-29	D	PLACARD - Cowl flap	1	
-23	69669-87		PLACARD - Fuel selector	1	
-24	69669-146	C	PLACARD - Operating limitations	1	
	69669-86	D	PLACARD - Operating limitations	1	
-25	69669-148	C	PLACARD - Baggage limitations, forward	1	
	35669-63	D	PLACARD - Baggage limitations, forward	1	
-26	96272-00		PLACARD - Baggage limitations, aft	1	
-27	69669-77		PLACARD - Cabin air	1	
-28	69678-00		PLACARD - Air conditioning control panel	1	
-29	69669-25		PLACARD - Vent fan control	1	
-30	35669-24		PLACARD - Reduce power	1	
	69669-181	C.O	PLACARD - Reduce power	1	
-31	67241-00		PLACARD - Heater and defrost	1	
	35669-28		PLACARD - Heater and defrost (lift to actuate) -	1	
-32	67879-00	C	PLACARD - Takeoff checklist	1	
	35669-21	D	PLACARD - Takeoff checklist	1	
-33	69545-00		PLACARD - Alternate air	1	
-34	69669-73		PLACARD - Cross wind, knots	1	
-35	69669-21		PLACARD - Navigation and instrument lights	1	
-36	69669-39		PLACARD - Press to test	1	
-37	35669-46	C	PLACARD - Landing checklist, knots	1	
	35669-45	D	PLACARD - Landing checklist, knots	1	
-38	69669-133		PLACARD - Gear "up-down," knots	1	
-39	69669-136	A	PLACARD - Maneuvering speed, knots	1	
	35669-62	B	PLACARD - Maneuvering speed, knots	1	

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

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
85-40	69669-172		PLACARD - Gear "up-down-extended," knots	1	
-41	67768-00		PLACARD - Alternate air	1	
-42	69669-82		PLACARD - Fuel capacity	2	
-43	35669-16		PLACARD - A/P INTR.	1	
-44	763 418	H	PLACARD - Conduct trim check (13A660-1)	1	
-45	99695-16	P	PLACARD - Circuit breaker panel	1	
	35669-60	Q	PLACARD - Circuit breaker panel	1	
-46	69669-93	P	PLACARD - Circuit breaker panel	1	
	35669-61	Q	PLACARD - Circuit breaker panel	1	
-47	67490-02	T	PLACARD - Pitch trim	1	
	87369-38	U	PLACARD - Pitch trim	1	
-48	99448-00		PLACARD - AutoFlite II	1	
-49	69509-00	J R	PLACARD - Omni coupler switch	1	
	96734-02	H R	PLACARD - Omni coupler switch	1	
	35669-126	S	PLACARD - Omni coupler switch	1	
-50	69669-66		PLACARD - Warning, ELT (Communications Component, Inc.)	1	
	35669-132		PLACARD - Warning, ELT (Narco)	1	
-51	69669-97		PLACARD - Radar altimeter "on-off"	1	
-52	69669-95		PLACARD - Radar altimeter "off for takeoff"	1	
-53	69669-96		PLACARD - Radar altimeter	1	
-54	69669-114		PLACARD - Warning	1	
-55	35669-154		PLACARD - Altitude reporter installed	1	
-56	96602-00	K	PLACARD - Strobe light operating	1	
	69669-175	L	PLACARD - Strobe light operating	1	
-57	69192-00		PLACARD - Operating limitations	1	
-58	35669-27		PLACARD - Flap lever	1	
-59	35669-76		PLACARD - Altitude leaning	1	
-60	35669-104	F	PLACARD - Table stowage	1	
-61	35669-105		PLACARD - ELT location	1	
-62	35669-107	G	PLACARD - Strobe light outlets	1	
-63	69669-40		PLACARD - Glide slope coupler	1	
-64	78237-00		PLACARD - Go-around	1	
-65	35669-110		PLACARD - Compass system	1	
-66	35669-25	M	PLACARD - Radar	1	
-67	35669-129	N	PLACARD - Altitude loss	1	
-68	69669-44		PLACARD - Engine controls	1	
-69	35669-13	D	PLACARD - Oxygen bottle installation	1	
-70	69669-38		PLACARD - Vent fan control	1	
-71	87369-22		PLACARD - Hydraulic fluid spec	1	
-72	69669-173		PLACARD - External power	1	
-73	87369-39	U	PLACARD - On-off	1	

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

PIPER PARTS CATALOG

CODE EXPLANATIONS FOR OPTIONAL EQUIPMENT KITS AND REPAIR KITS

- A - Used on PA-32RT-300 only.
- B - Used on PA-32RT-300T only.
- C - Used on PA-32RT-300 with serial numbers 32R-7885001 and up, and PA-32RT-300T with serial numbers 32R-7887001 to 32R-7887286 inclusive.
- D - Used with forward facing center seats only. Not to be used with aft facing seats.

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
OPTIONAL EQUIPMENT KITS					
	38386-02	A	PLOTTER ASSEMBLY - Weight and balance		
	98682-02	B	PLOTTER ASSEMBLY - Weight and balance		
	473 617	C	LUGGAGE - 24"		
	473 618	C	LUGGAGE - 21"		
	760 296		PITOT COVER		
	761 052		HEAVY DUTY BRAKES, WHEELS AND TIRES INSTALLATION		
	763 968		SHOULDER HARNESS INSTALLATION - Passenger, center seats		
	763 969		SHOULDER HARNESS INSTALLATION - Passenger, rear seats		
	763 846	D	SEVENTH SEAT INSTALLATION (Hardware Only)		
	763 928		WEATHER RADAR SYSTEM (with RCA components)		
	763 979		WEATHER RADAR SYSTEM (without RCA components)		
	763 961		DOOR JAMB SNUBBER INSTALLATION		
REPAIR KITS					

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

NUMERICAL INDEX

Part Number	Fig. and Index	Part Number	Fig. and Index	Part Number	Fig. and Index	Part Number	Fig. and Index
11601-03	23-30	21843-00	15-17	35669-25v	85-65	35680-22v	44-60
12715-00	68-12	21844-00	15-18	35669-25v	85-66	35680-26v	44-56
12761-02	68-39	22105-03	63-18	35669-27v	57-56	35697-02v	21-17
14175-103	27-29	22105-05v	47B-16	35669-27v	85-58	35725-02v	2-7
14627-03	15-4	22482-00	13-51	35669-28v	44-61	35797-02v	23-2
14635-02	15-6	23319-00	53-19	35669-28v	85-31	35803-02v	13-53
14843-16	27-17	23969-02	68-6	35669-29v	35-78	35803-03v	13-53
14843-90	15-15	23969-02	71-12	35669-29v	85-22	36502-02v	53A-37
14976-11	24-19	23969-03	68-7	35669-45v	44-67	36515-02v	53A-35
14976-15v	23-63	23969-05	68-8	35669-45v	85-37	36530-02v	78A-4
14976-16v	23-63	24047-00	52-6	35669-46v	44-67	36551-02v	35-17
15660-02	60-5d	24047-00	52A-6	35669-46v	85-37	36551-03v	35-18
15661-02	60-5e	24048-00	52-7	35669-60v	69-42	36558-02v	63-35
18219-02	52-47	24048-00	52A-7	35669-60v	85-45	36558-05v	63-36
18219-02	52A-50	24995-00	47-31	35669-61v	69-43	36558-08v	63-34
18321-00	68-55	24995-00	47-71	35669-61v	85-46	36565-02v	11-61
18457-00	2-6	25290-00	46-24	35669-62v	44-69	36565-03v	11-60
18875-07v	52A-39	25690-02	77-10	35669-62v	85-39	36572-03v	14-48a
19063-02	15-72	25690-02	78-16	35669-63v	35-81	36572-03v	15-48a
19063-02	16-8	26246-00	50-2	35669-63v	85-25	36588-04v	35-85
19063-02	17-36	26749-07	45-2	35669-76v	44-74	36589-04v	35-51
19336-00	39-12	31747-00	52-52	35669-76v	85-59	36590-02v	14-41
19336-00	39-36	31747-00	52A-40	35669-104v	43-22	36590-02v	15-48
19336-00	39-49	35207-00v	69-38	35669-104v	85-60	36598-02v	14-37
19336-00	40-31	35214-00v	68-52	35669-105v	79-13	36660-02v	44-25
19336-01	39-12	35270-00v	23-34	35669-105v	79A-12	36800-02v	43-21
19336-01	39-36	35282-00v	23-37	35669-105v	85-61	36801-02v	43-23
19336-01	39-49	35283-00v	23-35	35669-107v	68-71	36801-03v	43-24
19336-01	40-31	35284-02v	23-33	35669-107v	85-62	36802-02v	43-26
19365-02	39-14	35402-00v	57-21	35669-110v	69-53	36803-02v	43-25
19365-02	39-38	35662-02v	23-40	35669-110v	78A-25	36844-04v	52A-58
19365-02	39-51	35664-02v	2-42	35669-110v	85-65	36848-02v	44-35
19365-02	40-33	35664-02v	85-6	35669-126v	77-17	36848-04v	44-35
19392-15	39-37	35669-05v	24-46	35669-126v	78-56	36844-04v	78A-1
19392-15	39-50	35669-05v	85-14	35669-126v	85-49	36856-02v	40-18
20735-05v	24-11	35669-07v	24-54	35669-129v	44-76	36858-02v	40-39
20754-02	28-2	35669-07v	85-13	35669-129v	85-67	36864-02v	40-20
20784-00	24-14	35669-13v	43-29	35669-132v	79A-11	36875-02v	8-31
20784-00	28-19	35669-13v	85-69	35669-132v	85-50	36875-03v	8-31
21156-00	63-59	35669-16v	60-40	35669-154v	81-2	36877-02v	44-40
21176-00	15-22	35669-16v	85-43	35669-154v	85-55	36880-04v	84-5
21176-00	16-3	35669-18v	16-18	35672-02v	80-13	36880-05v	84-6
21459-00	47A-51	35669-18v	85-10	35680-05v	44-54	36880-07v	84-9
21478-00v	15-19	35669-21v	44-62	35680-06v	44-55	36880-08v	84-8
21710-00	24-30	35669-21v	85-32	35680-11v	44-59	36880-09v	84-7
21712-02	24-17	35669-24v	44-24a	35680-12v	44-58	36885-04v	84-32
21822-00	27-39	35669-24v	85-30	35680-15v	44-57	36885-05v	84-31
21831-04	24-32	35669-25v	84-20	35680-16v	44-73		

PIPER PARTS CATALOG

Part Number	Fig. and Index	Part Number	Fig. and Index	Part Number	Fig. and Index	Part Number	Fig. and Index
36886-02v	84-23	38001-906v	7-23	38062-10v	71-3	38115-00v	4-28
36886-08v	84-24	38001-906v	11-1	38065-00v	23-38	38115-01v	4-28
36886-09v	84-25	38001-908v	7-4	38068-02v	23-26	38116-00v	4-50
36887-02v	84-1	38001-909v	7-5	38070-00v	31-12	38118-00v	3-5
37388-00v	4-35	38001-909v	8-1	38070-01v	31-12	38118-05v	2-23
37388-01v	4-35	38001-910v	7-12	38070-04v	31-13	38119-00v	3-27
37399-02v	69-11	38001-910v	9-1	38070-04v	31A-13	38119-01v	3-27
37487-00v	4-57	38001-911v	7-20	38071-00v	31-19	38121-906v	2-2
37693-04v	80-1	38001-911v	10-1	38071-00v	31A-24	38121-906v	3-1
37694-02v	80-2	38001-915v	7-22	38071-01v	31-19	38121-907v	2-2
37722-02v	31-4	38001-916v	7-23	38071-01v	31A-24	38121-907v	3-1
37722-02v	31A-4	38001-916v	11-1	38071-08v	31-26	38121-908v	2-4
37722-03v	31-7	38001-918v	7-4	38071-08v	31A-31	38121-908v	3-25
37722-03v	31A-7	38001-919v	7-5	38074-00v	31-18	38121-909v	2-4
37729-02v	60-39	38001-919v	8-1	38075-00v	31-14	38121-909v	3-25
37732-00v	28-13	38001-923v	7-3	38075-00v	31A-14	38121-910v	2-3
37796-02v	42-3	38001-927v	7-28	38076-00v	31-16	38121-910v	3-20
37797-02v	42-6	38001-927v	12-1	38076-01v	31-16	38121-911v	2-3
37799-02v	42-1	38001-933v	7-3	38076-04v	31-17	38121-911v	3-20
37799-02v	43-1	38019-03v	47-14	38076-05v	31-17	38121-957v	4-2
37799-03v	42-2	38019-05v	47-13	38078-02v	23-23	38121-958v	4-2
37799-04v	42-5	38019-08v	50-23	38080-00v	47-17	38121-970v	2-1
37799-05v	42-8	38020-00v	47-1	38080-09v	47-18	38121-971v	2-1
37799-10v	42-1	38020-00v	47A-8	38080-12v	47-22	38121-976v	2-5
37799-10v	43-1	38023-02v	11-78	38080-15v	47-20	38121-976v	4-1
37799-11v	42-2	38023-03v	11-79	38080-15v	47A-15	38121-977v	2-5
37799-12v	42-5	38024-00v	63-68	38080-16v	47-19	38121-977v	4-1
37799-13v	42-8	38024-01v	63-68	38080-17v	47-24	38121-980v	2-1
37823-02v	42-4	38025-00v	63-69	38080-17v	47A-16	38121-981v	2-1
37823-07v	42-4	38025-01v	63-69	38082-00v	31-22	38121-986v	2-5
37824-02v	42-7	38034-00v	8-10	38082-00v	31A-27	38121-986v	4-1
37825-07v	43-33	38034-03v	8-10	38084-00v	52-41	38121-987v	2-5
37829-03v	43-20	38035-00v	8-2	38086-00v	50-13	38121-987v	4-1
37834-02v	43-14	38035-02v	8-6	38086-14v	50-14	38123-00v	54-33
37835-02v	43-15	38035-03v	8-3	38090-02v	52-54	38123-02v	54-34
37839-02v	43-16	38035-04v	8-3	38090-02v	52A-42	38128-00v	54-40
37840-02v	42-4	38035-16v	8-2	38090-03v	52-55	38128-00v	54A-41
37850-02v	43-8	38037-00v	8-9	38090-03v	52A-43	38136-00v	11-58
37871-04v	68-68	38037-04v	8-8	38091-00v	52-1	38136-01v	11-58
37871-05v	68-67	38037-05v	8-30	38091-00v	52A-1	38136-08v	11-59
37873-03v	68-66	38037-06v	8-30	38094-00v	52-26	38136-09v	11-59
37902-06v	40-8	38039-02v	62-44	38094-02v	70-3	38137-02v	48-3
37902-08v	40-9	38040-02v	23-10	38097-00v	4-27	38137-03v	48-2
37902-09v	40-9	38041-00v	11-57	38097-01v	4-27	38137-04v	48-1
37939-02v	68-65	38041-01v	11-57	38097-02v	4-26	38137-05v	48-4
37939-03v	7-39	38041-02v	23-28	38097-03v	4-26	38137-06v	48-5
37970-02v	23-70	38046-00v	7-10	38098-00v	4-25	38137-07v	48-6
37974-02v	85-3	38046-02v	7-42	38098-01v	4-25	38143-03v	72-11
37979-02v	85-2	38047-02v	11-65	38099-00v	4-23	38143-04v	72-9
37981-02v	85-2	38047-03v	11-64	38100-00v	4-20	38145-00v	63-63
37996-02v	16-5	38050-00v	62-28	38100-01v	4-20	38145-06v	63-64
37997-02v	64-6	38052-00v	62-27	38102-00v	2-13	38146-02v	48-7
37997-02v	66-5	38053-00v	62-26	38102-01v	2-13	38147-00v	63-65
37998-02v	69-49	38054-00v	62-48	38103-02v	62-38	38147-01v	63-65
37999-02v	69-48	38055-00v	11-66	38108-00v	31-20	38148-00v	63-66
38001-02v	7-1	38056-00v	11-67	38108-00v	31A-25	38149-00v	68-54
38001-06v	7-1	38062-02v	71-2	38109-00v	31-21	38149-05v	69-52
38001-905v	7-22	38062-04v	71-6	38109-00v	31A-26	38151-00v	23-6

PIPER PARTS CATALOG

Part Number	Fig. and Index
38154-00v	54-4
38154-00v	54A-4
38155-00v	47-69
38156-00v	11-37
38158-00v	63-13
38159-02v	48-9
38162-06v	48-10
38166-00v	47-27
38167-01v	3-21
38167-04v	3-21
38169-00v	2-24
38174-04v	23-27
38175-00v	62-35
38178-02v	35-21
38183-04v	35-2
38185-00v	62-33
38186-02v	35-3
38188-04v	35-4
38188-06v	35-4
38193-04v	35-10
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756 027	51A-18	757 831v	25-3	758 443v	78-28	762 503v	54-16
756 037	68-27	757 831v	25-6	758 452	79A-2	762 503v	54A-16
756 053v	27-46	757 863	76-13	758 453	79A-5	762 508v	74-18
756 060v	74-11	757 863	77-7	758 457v	34-41	762 531v	34-27
756 061v	74-13	757 863	78-50	758 471v	74-8	762 560v	26-5
756 065v	73-6	757 899	45-25	758 528v	79-2	762 561v	26-7
756 066v	73-18	757 913v	76-6	758 534v	54-18	762 565	51A-6
756 067v	73-16	757 981v	73-14	758 534v	54A-18	762 585v	34-31
756 117	32-15	757 995	51-24	758 573v	73-20	762 586v	34-42
756 118	32-17	757 995	51A-24	758 574v	73-23	762 587v	34-29
756 118	34-10	758 001v	77-12	758 575v	73-3	762 628v	73-6
756 118	34-34	758 002v	77-13	758 576v	73-8	762 629v	73-21
756 159v	73-2	758 023v	77-2	758 580v	73-9a	763 003v	14-4
756 295	51-11	758 024	77-4	760 296v	Misc.	763 003v	15-58
756 607	51-22	758 026	78-7	760 899	78-8	763 003v	35-26
756 607	51A-22	758 052v	78-26	761 138v	62-2a	763 003v	43-12
756 616v	44-32	758 078v	77-2	761 156	68-28	763 004v	79-4
756 620v	34-6	758 092v	79-3	761 162	68-31	763 008v	78-12
756 621v	34-9	758 093v	30-2	761 173v	78-68	763 019	79A-4
756 621v	34-38	758 097v	43-4	761 197v	30-7	763 215v	26-3
756 622v	34-11	758 111	51-4	761 197v	30-11	763 222v	78-21
756 622v	34-33	758 181v	76-8	761 198v	80-3	763 223v	78-25
756 626	51A-10	758 181v	78-13	761 222v	68-31	763 225v	78-20
756 665v	29-5	758 188v	76-2	761 519v	67-11	763 226v	76-5
756 666v	29-2	758 204	51-20	761 652v	41-14	763 248v	78-22
756 667v	25-2	758 204	51A-20	761 652v	43-32	763 270v	78-23
756 668v	25-5	758 219v	51-13	761 653v	41-14	763 272v	78-29
756 669	47A-6	758 224v	74-7	761 653v	43-32	763 395v	73-14
756 685v	26-9	758 225v	74-10	761 654v	41-14	763 418v	78-57
756 686v	26-2	758 249v	73-15	761 654	43-32	763 418v	85-44
756 757v	73-11	758 250v	73-13	761 655v	41-14	763 427v	44-31
757 052	77-3	758 280v	51-35	761 655v	43-32	763 428	51A-17
757 052	77-11	758 280v	51A-35	761 903v	74-12	763 450v	34-40
757 052	78-17	758 282v	51-34	761 913v	73-12	763 451v	34-30
757 207v	30-5	758 282v	51A-36	761 975	28-47	763 469	68-58
757 208v	30-6	758 345v	76-16	761 978v	24-47	763 706v	44-32
757 216v	32-11	758 345v	77-20	761 996	28-47	763 751v	29-2
757 217v	32-12	758 345v	78-34	762 003v	68-28	763 752v	29-5
757 249	51-17	758 346v	76-17	762 030v	79-1	763 781v	73-11
757 253	51A-40	758 346v	77-21	762 049v	73-22	763 848v	2-14
757 302	51-25	758 346v	78-35	762 050v	73-25	763 859v	47-33
757 302	51A-25	758 351v	78-33	762 226	60-5c	763 916v	47B-1
757 310v	44-31	758 354v	78-32	762 245v	76-14	763 916v	52-32
757 311v	73-10	758 355v	78-31	762 245v	77-1	764 092v	73-34
757 316v	34-2	758 366v	73-19	762 245v	78-1	764 401v	75-14
757 317v	34-3	758 368v	73-17	762 251v	78-3	764 401v	78-53
757 318v	34-12	758 369v	73-9	762 252v	78-5	764 501v	47A-32

2G1 THRU 2L24
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