



CHEROKEE

PARTS CATALOG

PA-28-140

PA-28-180

PA-28-150

PA-28-235

PA 28-160

PA-28R-180

PA-28R-200

PIPER AIRCRAFT CORPORATION

PIPER PARTS CATALOG

REVISION STATUS

The information compiled in this Parts Catalog will be kept current by revisions distributed periodically.
Current Revisions to this PA-28 and PA-28R Parts Catalog issued August 16, 1973 are as follows:

753 582 (PR750815)	Dated August 1975
753 582 (PR760430)	Dated April 1976
753 582 (PR760831)	Dated August 1976
753 582 (PR770304)	Dated March 1977
753 582 (PR770715)	Dated July 1977
753 582 (PR780908)	Dated September 1978
753 582 (PR790405)	Dated April 1979
753 582 (PR800520)	Dated May 1980
753-582 (PR040610)	Dated June 10, 2004
753 582 (PR071210)	Dated December 2007
753 582 (PR080310)	Dated March 2008
753 582 (PR080610)	Dated June 2008
753 582 (PR080910)	Dated September 2008
753 582 (PR090310)	Dated June 2009

* Piper has ceased production of all Aerofiche (i.e.,) products. Parts Catalog subscriptions are available exclusive from Aventext. Inc. (www.Avantext.com) on CD-Rom or DVD. The CDs/DVDs include applicable Service Bulletins and Service Letters.

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.

MAINTENANCE ALERT

Refer to PIPER Service Letter No. 1041
Accident/Incident Reporting

PIPER PARTS CATALOG

INTRODUCTION

This illustrated Parts Catalog provides simple, positive identification of replacement parts for the Piper Model PA-28 CHEROKEE -151/161 manufactured by the Piper Aircraft Corporation of Vero Beach, Florida.

NOTE: DO NOT USE THIS CATALOG FOR RIGGING AND INSTALLATION PURPOSES.

1. The catalog is divided into thirteen major sections as follows:
 - a. Section I to XII 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 XIII is the Miscellaneous Group. This group includes an illustration and parts list for the Placards and Exterior Stencils, a listing of the Optional Equipment Kits, Repair kits and Special Tools, and a listing of Miscellaneous Hardware and Consumables.
2. The following is a brief explanation of the columns in the parts lists: (Refer to EXAMPLE below).
 - a. The FIGURE AND INDEX NUMBER 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 list page.
 - 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 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. Unless otherwise noted, serial numbers listed with the model year and up (ex. 28-7716001 and up) are intended to include the new style of serial numbers that do not reference the model year (ex. 2816001 and up).

EXAMPLE					
Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
2-1	XXXXX-XX		DOOR ASSEMBLY - Baggage compartment	X	
-2	XXXXX-XX		* TUBE ASSEMBLY - Baggage door latch	X	
-3	XXXXX-XX		** CLEVIS - Door latch tube assembly	X	
-4	XXXXX-XX		** CLIP - Door latch tube assembly	X	

In the nomenclature column, the next higher assembly relationship of items covered is shown by the degree of indention of each item and is indicated by an asterisk (*). One asterisk signifies one indention, two signifies two indentions, etc. The example listing above is interpreted as follows:

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

If the TUBE ASSEMBLY (indented one space) is ordered, it will include the two items indented under the TUBE ASSEMBLY.

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

PIPER PARTS CATALOG

GRID NUMBERING

Piper has ceased production of all Aerofiche (i.e., microfiche) products. The Aerofiche grid numbers will be removed in the next complete revision. In the interim, as partial revisions occur, the Aerofiche grid numbering system may be modified, as explained below, to simplify production.

Deviations from the legacy Aerofiche grid numbering system will occur when it becomes necessary to add pages to the manual and will typically take two forms:

A. Inserting pages between two existing grids in the same row.

When inserting two pages between the existing grids 1A8 and 1A9, the two new pages will be numbered 1A8A and 1A8B.

B. Inserting pages at the end of an Aerofiche grid row.

The legacy Aerofiche grid numbering system limited page numbers in a row to a maximum of 24 (i.e., row 1A would be numbered 1A1-1A24). That limit no longer applies. Accordingly, if two pages need to be added between any existing grid row end and grid row start (i.e., 1A24 and 1B1), the new pages will simply be numbered 1A25 and 1A26.

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. Select the figure title you think might contain the part you wish to identify and proceed to the grid (page) specified. If you don't find the part on this illustration, try another figure in this group.
3. Refer to Figure and Index Number in the parts listing for description of the part.

HOW TO ORDER PARTS

When ordering parts for your Piper airplane, please observe the following instructions:

1. Place your order with your local distributor or service center.
2. Specify the model and serial number of your airplane.
3. Specify Part Number, Name, Type and Quantity Required.
4. 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.
5. Request price and delivery information prior to order placement.

GENERAL INFORMATION

1. Shortages
All orders are checked before leaving our Shipping Department. A packing slip is enclosed with the shipment. Claims for errors or shortages must be made within three days after receipt of orders.
2. Returned Goods
No material should be returned without first securing written permission. Material sent in without notice will be held at the owner's risk for thirty 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.
3. Transportation Liabilities
Piper Aircraft, Inc. 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 try to repair the damage, call the carrier and have their claim agent inspect the damage before filing your claim with the carrier.
4. Components
Components listed in this Parts Catalog are used on all configurations unless otherwise noted.

PIPER PARTS CATALOG

PA-28 AND PA-28R 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 Part Catalog are as follows:

- (1) Serial numbers of the 1961 PA-28-150 and PA-28-160 Cherokee Models are 28-1 to 28-84 inclusive.
 - (2) Serial numbers of the 1962 PA-28-150 and PA-28-160 Cherokee Models are 28-85 to 28-670 inclusive.
 - (3) Serial numbers of the 1963 and 1964 PA-28-150 and PA-28-160 Cherokee "B" Models are 28-725 to 28-1760 inclusive.
 - (4) Serial numbers of the 1963 and 1964 PA-28-180 Cherokee "B" Models are 28-671 to 28-1760 inclusive.
 - (5) Serial numbers of the 1965, 1966 and 1967 PA-28-150, PA-28-160 and PA-28-180 Cherokee "C" Models are 28-1761 to 28-4377 inclusive.
 - (6) Serial numbers of the 1968 and 1969 PA-28-180 Cherokee "D" Models are 28-4378 to 28-5600 inclusive.
 - (7) Serial numbers of the 1970 PA-28-180 Cherokee "E" Models are 28-5601 to 28-5869 inclusive.
 - (8) Serial numbers of the 1971 PA-28-180 Cherokee "F" Models are 28-7105001 to 28-7105244 inclusive.
 - (9) Serial numbers of the 1972 PA-28-180 Cherokee "G" Models are 28-7205001 to 28-7205328 inclusive.
 - (10) Serial numbers of the 1973 PA-28-180 Cherokee Challenger Models are 28-7305001 to 28-7305611 inclusive, and 28-13.
- (SEE NOTE)
 - (11) Serial numbers of the 1974 PA-28-180 Cherokee Archer Models are 28-7405001 to 28-7405290 inclusive.
 - (12) Serial numbers of the 1975 PA-28-180 Cherokee Archer Models are 28-7505001 to 28-7505261 inclusive.
 - (13) Serial numbers of the 1965, 1966, 1967 and 1968 PA-28-140 Cherokee Models are 28-20002 to 28-24999 inclusive.
 - (14) Serial numbers of the 1969 PA-28-140 Cherokee "B" Models are 28-25001 to 28-26400 inclusive.
 - (15) Serial numbers of the 1970 PA-28-140 Cherokee "C" Models are 28-26401 to 28-26956 inclusive.
 - (16) Serial numbers of the 1971 PA-28-140 Cherokee "D" Models are 28-7125001 to 28-7125651 inclusive.
 - (17) Serial numbers of the 1972 PA-28-140 Cherokee "E" Models are 28-7225001 to 28-7225612 inclusive.
 - (18) Serial numbers of the 1973 PA-28-140 Cherokee Cruiser Models are 28-7325001 to 28-7325684 inclusive.
 - (19) Serial numbers of the 1974 PA-28-140 Cherokee Cruiser Model are 28-7425001 to 28-7425454 inclusive.
 - (20) Serial numbers of the 1975 PA-28-140 Cherokee Cruiser Models are 28-7525001 to 28-7525350 inclusive.
 - (21) Serial numbers of the 1976 PA-28-140 Cherokee Cruiser Models are 28-7625001 to 28-7625275 inclusive.
 - (22) Serial numbers of the 1977 PA-28-140 Cherokee Cruiser Models are 28-7725001 to 28-7725290 inclusive.
 - (23) Serial numbers of the 1964, 1965 and 1966 PA-28-235 Cherokee Models are 28-10003 to 28-10719 inclusive.
 - (24) Serial numbers of the 1967 and 1968 PA-28-235 Cherokee "B" Models are 28-10720 to 28-11039 inclusive.
 - (25) Serial numbers of the 1969 PA-28-235 Cherokee "C" Model are 28-11040 to 28-11300 inclusive.
 - (26) Serial numbers of the 1970 PA-28-235 Cherokee "D" Models are 28-11301 to 28-11393 inclusive.
 - (27) Serial numbers of the 1971 PA-28-235 Cherokee "E" Models are 28-7110001 to 28-7110042 inclusive.
 - (28) Serial numbers of the 1972 PA-28-235 Cherokee "F" Models are 28-7210001 to 28-7210033 inclusive.
 - (29) Serial numbers of the 1973 PA-28-235 Cherokee Charger Models are 28-7310001 to 28-7310187 inclusive, and 28-E11.
- (SEE NOTE)
 - (30) Serial numbers of the 1974 PA-28-235 Cherokee Pathfinder Models are 28-7410001 to 28-7410120 inclusive.
 - (31) Serial numbers of the 1975 PA-28-235 Cherokee Pathfinder Models are 28-7510001 to 28-7510145 inclusive.
 - (32) Serial numbers of the 1976 PA-28-235 Cherokee Pathfinder Models are 28-7610001 to 28-7610206 inclusive.
 - (33) Serial numbers of the 1977 PA-28-235 Cherokee Pathfinder Models are 28-7710001 to 28-7710089 inclusive.

NOTES: 1. PA-28-180 with serial number 28-E13 and PA-28-235 with serial number 28-E11 are not referenced in the various Parts Lists throughout this catalog.

a. PA-28-180 with serial number 28-E13 is to be serviced the same as serial number 28-7305001.

b. PA-28-235 with serial number 28-E11 is to be serviced the same as serial number 28-7310001.

2. Refer to grid page (1A7) for an explanation of the various serial numbers that were used and appear on the manufacturer's identification plate.

PIPER PARTS CATALOG

PA-28 AND PA-28R SERIAL NUMBER INFORMATION (cont.)

- (34) Serial numbers of the 1968 and 1969 PA-28R-180 Cherokee Arrow Models are 28R-30005 to 28R-30481 inclusive, and 28R-30005 to 28R-30481 inclusive, and 28R-30483 to 28R-31250 inclusive.
- (35) Serial numbers of the 1970 PA-28R-180 Cherokee Arrow Models are 28R-31251 to 28R-31279 inclusive.
- (36) Serial numbers of the 1971 PA-28R-180 Cherokee Arrow "B" Models are 28R-7130001 to 28R-7130029 inclusive.
- (37) Serial numbers of the 1969 and 1970 PA-28R-200 Cherokee Arrow Models are 28R-30482, 28R-35001 to 28R-35830 inclusive.
- (38) Serial numbers of the 1971 PA-28R-200 Cherokee Arrow "B" Models are 28R-7135001 to 28R-7135238 inclusive
- (39) Serial numbers of the 1972 PA-28R-200 Arrow II Models are 28R-7335001 to 28R-7235330 inclusive,
- (40) Serial numbers of the 1973 PA-28R-200 Arrow II Models are 28R-7335001 to 28R-7335455 inclusive.
- (41) Serial numbers of the 1974 PA-28R-200 Arrow I Models are 28R-7435001 to 28R-7435331 inclusive.
- (42) Serial numbers of the 1975 PA-28R-200 Arrow II Models are 28R-7535001 to 28R-7535383 inclusive.
- (43) Serial numbers of the 1976 PA-28R-200 Arrow II Models are 28R-7635001 to 28R-7635545 inclusive.

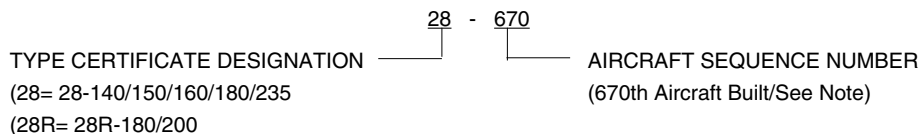
NOTE: Refer to grid page (1A7) for an explanation of the various serial numbers that were used and appear on the manufacturer's identification plate.

PIPER PARTS CATALOG

PA-28/28R SERIAL NUMBER EXPLANATION

For aircraft manufactured prior to 1971 model year, the Serial Number on the Manufacturer's Identification Plate is based on a 2-number set system. The first number set defines the Type Certificate Designation while the second set is the Aircraft Sequence Number.

EXAMPLE - Aircraft manufactured prior to 1971 model year.

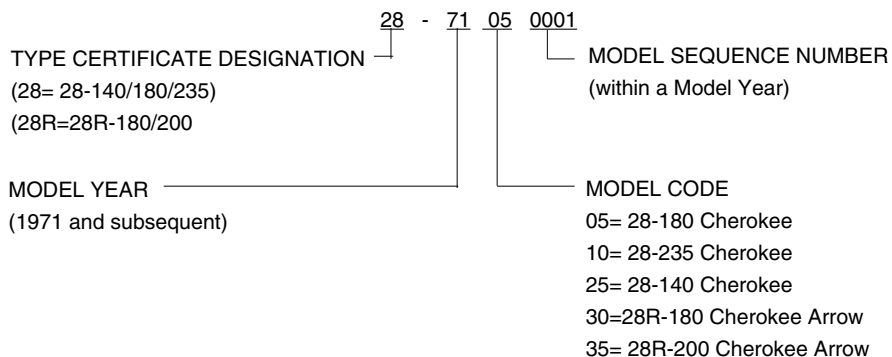


NOTE:

- a. Aircraft Sequence Numbers for PA-28-150/160/180 are 1 thru 5869 inclusive.
- b. Aircraft Sequence Numbers for PA-28-235 are 10003 thru 11393 inclusive.
- c. Aircraft Sequence Numbers for PA-28-140 are 20002 thru 26956 inclusive.
- d. Aircraft Sequence Numbers for PA-28R-180 and PA-28R-200 are 30005 thru 35830 inclusive.

For aircraft manufactured in 1971 model year and subsequent, the Serial Number on the Manufacturer's Identification Plate is based on a 4-number set system. The first number set defines the Type Certificate Designation, the second set is the Model Year, the third set is the Model Code, while the fourth set is the Model Sequence Number (within a model year).

EXAMPLE - Aircraft manufactured in 1971 model year and subsequent.



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STANDARD PAINT CHART

EXTERIOR	MFG.	PIPER PART NUMBER	
	NO.	QUART	GALLON
ENAMEL			
Daytona	J-9545	751 700	751 701
Bahama Blue	H-9170	751 714	751 715
Phoenix	W-3557	754 718	754 719
Portland Green	W-3558	754 724	754 725
Pontiac Red	W-3665	754 716	754 717
El Paso Brown (Metallic	W-8433	754 737	754 738
Tampa Green (Metallic	W-8427	754 739	754 740
Newport Blue (Metallic)	W-8430	754 741	754 742
ACRYLIC LACQUER			
Pontiac Red	B-7943	4175 592	1175 592
Tampa Green	B-5430	4175 360	1175 360
Newport Blue	B-5501	4175 434	1175 434
Monterey Maroon (base coat)	K-2789	4175 441	1175 441
Monterey Maroon (top coat)	B-5480	4175 437	1175 437
Juneau White	B-7784-A	4175 657	1175 657
Lakeland Blue	B-5440	4175 433	1175 433
Orlando Green	B-5490	4175 361	1175 361
Mocha Tan	B-5450	4175 627	1175 627
Denver Brown (base coat)	K-2790	4175 299	1175 299
Denver Brown (top coat)	B-5460	4175 409	1175
Madrid Red	B-5511	4175 593	1175
Dakota Black	H-6117-R	4175 373	1175 373
Beaumont Blue	B-5530	4175 435	1175 435
Bahama Blue	B-9170	4175 436	1175 436
Bimini Turquoise	B-9915	4175 438	1175 438
Nassau Turquoise	B-9914	4175 439	1175 439
Reno Gold	B-9916	4175 345	1175 345
Lincoln Gray	B-7919	4175 362	1175 362
Dallas Yellow	Y-5783	4175 701	1175 701
Ocala Orange (base coat)	P-7946	4175 499	1175 499
Ocala Orange (top coat)	C-2065-A	4175 500	1175 500
Polar Gray	Y-6100-R	4175 341	1175 341
Las Vegas Gold	G-2124-A	4175 332	1175 332
Avocado	G-2352	4175 331	1175 331
Thinner	B-5408-B	4179 102	1179 402

SPRAY PAINT FOR THERMOPLASTIC INTERIOR TRIM PANELS

(Offered only in 16-ounce aerosol cans)

Avocado Green	766-007
White	766-008
Tan	766-009
Red	766-010
Dark Blue	766-011
Light Blue	766-012
Sandstone	766-013
Gloss Black	766-014
Dark Brown	766-015
Brown	766-016
Blue-Green	766-017
Optical Flat Black	766-018

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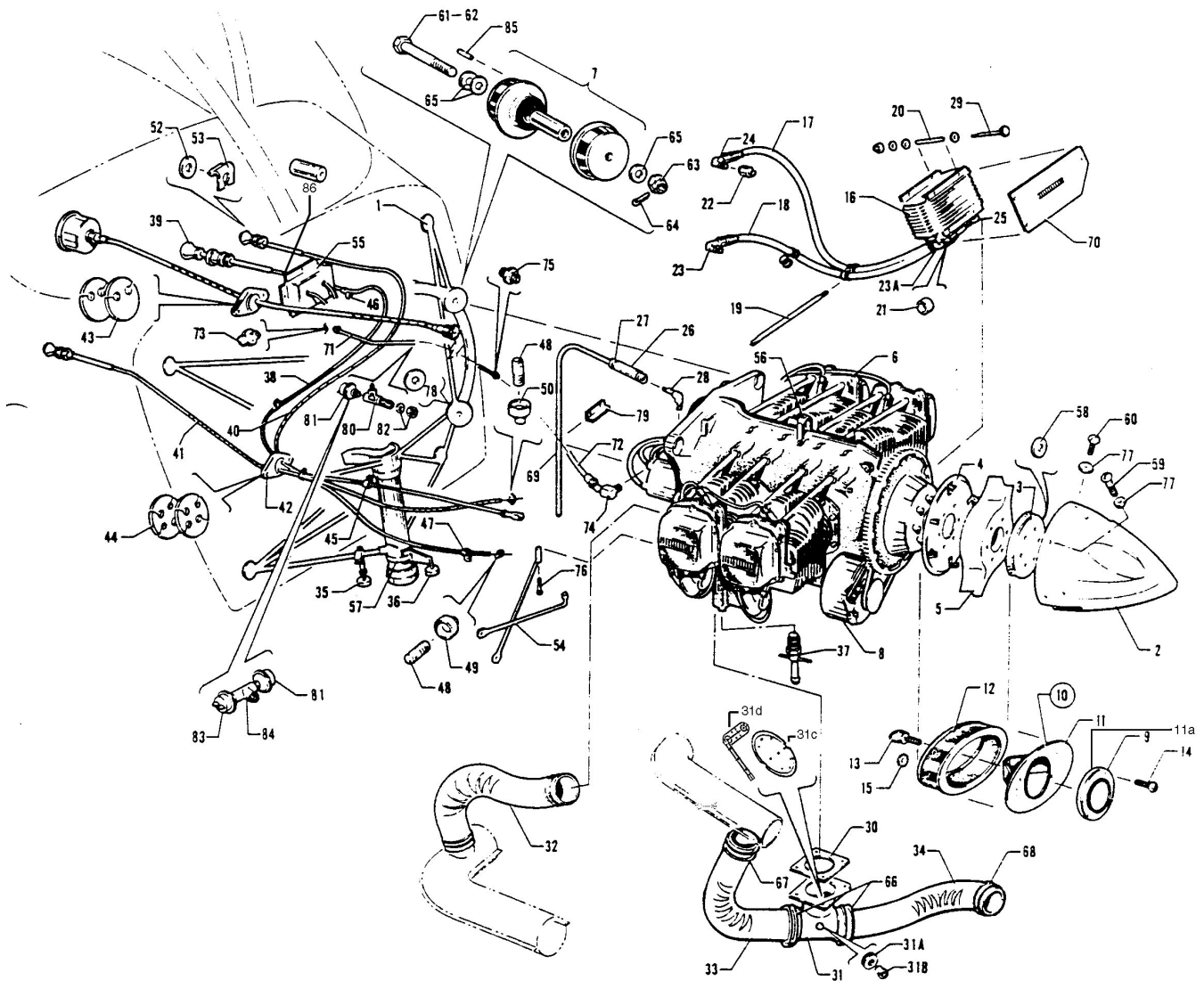


Figure 56 Power Plant Installation
 (PA 28-140 - Serial Nos. 28-20002 and up)
 (PA-28-150-160-180 - Serial Nos. 28-1 to 28-1760 inclusive)

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Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
56-	63622	Y	DRAWING - Power Plant Installation		28-1 to 28-507 inclusive
	63689	E	DRAWING - Power Plant Installation		
	65616	X	DRAWING - Power Plant Installation		28-21096 to 28-24999 inclusive
	66680	X	DRAWING - Power Plant Installation		28-25000 to 28-7125471 inclusive
	99516	X	DRAWING - Power Plant Installation		28-7125472 and up
	62815	BF	DRAWING - Engine Controls		
	63630	A	DRAWING - Landing Light and Air Filter Installation		
	63634	YZ	DRAWING - Oil Radiator Installation		28-1 to 28-1410 inclusive
	62157	C	DRAWING - Oil Radiator Installation		
	67795	X	DRAWING - Oil Radiator Installation		28-7125472 and up
-1	63600-24	D	MOUNT ASSEMBLY - Engine and nose gear strut	1	28-1 to 28-220 inclusive
	63600-28		MOUNT ASSEMBLY - Engine and nose gear strut	1	28-221 to 28-507 inclusive
	63694-00	YZ	MOUNT ASSEMBLY - Engine and nose gear strut	1	28-508 to 28-1760 inclusive
	63694-00	X	MOUNT ASSEMBLY - Engine and nose gear strut	1	28-20002 to 28-24999 inclusive
	66662-00	X	MOUNT ASSEMBLY - Engine and nose gear strut	1	28-25000 and up
-2	14422-00	W	SPINNER - Propeller		
-3	66630-00	X	PLATE ASSEMBLY - Propeller mount, front	1	28-20002 and up
	66630-00	Y	PLATE ASSEMBLY - Propeller mount, front	1	28-1 to 28-1760 inclusive
	63718-00	Z	PLATE ASSEMBLY - Propeller mount, front	1	28-671 to 28-1760 inclusive
-4	62352-00	X	PLATE ASSEMBLY - Propeller mount, rear	1	28-20002 and up
	62352-00	Y	PLATE ASSEMBLY - Propeller mount, rear	1	28-1 to 28-1760 inclusive
	63717-00	Z	PLATE ASSEMBLY - Propeller mount, rear	1	28-671 to 28-1760 inclusive
A- Used on PA-28-140 with serial numbers 28-20002 and up, PA-28-150, PA-28-160 and PA-28-180 with serial numbers 28-1 to 28-1760 inclusive. B- Used on PA-28-140 with serial numbers 28-20002 to 28-24999 inclusive, and PA-28-150, PA-28-160 and PA-28-180 with serial numbers 28-1 to 28-1760. C- Used on PA-28-140 with serial numbers 28-20002 to 28-7125471 inclusive, and PA-28-150, PA-28-160 and PA-28-180 with serial numbers 28-1411 to 28-1760 inclusive. D- If Kit 754 428 has been installed, order part for serial numbers 28-221 to 28-507 inclusive. E- Used on PA-28-140 with serial numbers 28-20002 to 28-21095 inclusive, and PA-28-150, PA-28-160 and PA-28-180 with serial numbers 28-508 to 28-1760 Inclusive, F- See Figure 57B for Engine Controls Installation for PA-28-140 with serial numbers 28-25000 and up. W- These parts <u>must</u> be ordered from Service Spares Department, Piper Aircraft, <u>Lock Haven, Penna.</u> X- Used on PA-28-140 airplanes only. Y- Used on PA-28-150 and PA-28-160 airplanes only. Z- Used on PA-28-180 airplanes only.					

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
56-5	450 997	H	PROPELLER - Sensenich #M74DM-60" Pitch "140"	1	28-20002 to 28-20939 inclusive
	450 944		PROPELLER - Sensenich #74DM6-0-58"- "140"	1	28-20940 and up
	450 993		PROPELLER - Sensenich #M74DM-58" Pitch "150"	1	
	450 997		PROPELLER - Sensenich #M74DM-60" Pitch "160"	1	
	450 955		PROPELLER - Sensenich #M76EMM-60" Pitch "180"	1	
-6		DE	ENGINE - Lycoming (0-320-A2B) 150 H.P.	1	
		DE	ENGINE - Lycoming (0-320-B2B) 160 H.P.	1	
		EG	ENGINE - Lycoming (0-320-E2A) 150 H.P.	1	
		EG	ENGINE - Lycoming (0-320-D2A) 160 H.P.	1	
		E	ENGINE - Lycoming (0-320-A3A) 180 H.P.	1	
		E	ENGINE - Lycoming (0-320-E3D) 140 H.P.	1	
-7		EF	MOUNT - Rubber bushing and washer	4	28-1 to 28-220 inclusive
	475 134		MOUNT - Engine (#J-6230-1)	4	28-221 to 28-507 inclusive
	475 121	C	MOUNT - Engine (#J-7402-5)	4	28-508 to 28-1478 inclusive
	475 L23	BC	MOUNT - Engine (#J-7402-16)	4	
	475 124	X	MOUNT - Engine (#J9613-40) top left and bottom right	2	28-25000 and up
	475 125	X	MOUNT - Engine (#J9613-53) top right and bottom left	2	28-25000 and up
-8		J	ALTERNATOR INSTALLATION		
-9	63631-00	K	RETAINER RING - Landing light	1	
	63186-40	K	SEAL - Extruded moulding (NOT SHOWN)	1	
-10	65780-00	X	RETAINER ASSEMBLY - Air Filter and landing light	1	28-23214 and up
	65778-00	X	RETAINER ASSEMBLY - Air Filter	1	28-23214 and up
-11	63632-07		RETAINER ASSEMBLY - Air Filter and landing light	1	
	63632-06		RETAINER ASSEMBLY - Air Filter	1	
A - Used on PA-28- 140 with serial numbers 28-20002 and up, PA-28-150, PA-28-160 and PA-28-180 with serial number 28-1 to 28-1760 inclusive. B - Used on PA-28-140 with serial numbers 28-20002 to 28-24999 inclusive, and PA-28-150, PA-28-160 and PA-28-180 with serial numbers 28-1479 to 28-1760 inclusive. C - If less than four mounts are being replaced, ascertain number which is stamped on rubber part of mount and order either 475 121(EJ-7402-5), 475 123(#J-7402-16) or 475 110 (#J-7402-24). If four mounts are being replaced, it is suggested that four of part number 475 110 (#J-7402-24) be ordered for PA-28-150, PA-28-160 and PA-28-180. D - Used when generator is installed. E - Secure from Lycoming, Division-Avco Corporation, Williamsport, Penna. F - If Kit 754 428 has been installed, order part for serial numbers 28-221 to 28-507 inclusive. G - Used when alternator is installed H - If Family Seat Kit 756 962 or 756 941 has been installed order part for serial numbers 28-20940 and up. J - See Figure 71 for component parts if a Chrysler alternator is installed See Figure 32A if a Prestolite alternator with air conditionin,. is installed. K - See latest revision of Piper Service Bulletin 975. X - Used on PA-28-140 airplanes only.					
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
56-11a	63186-06	F	SEAL - Extruded moulding	1	
-11b	85174-02	F	SUPPORT ASSEMBLY - Landing light (NOT SHOWN)	1	
-12	460 632		AIR FILTER - (CA16LPL)	1	
-13	63674-00		SCREW - Thumb	1	
-14	415 741		SCREW - (AN515-6R14)	4	
-15	407 565		WASHER - (AN960-416)	1	
-16	18622-00		OIL RADIATOR	1	
-17	63635-00	BD	LINE ASSEMBLY - Engine to oil radiator, left	1	28-1 to 28-507 inclusive
	63701-00	BD	LINE ASSEMBLY - Engine to oil radiator, left	1	28-508 to 28-1410 inclusive
	63901-163		HOSE ASSEMBLY - Engine to oil radiator, left	2	28-1411 to 28-1760 inclusive
	63901-163	X	HOSE ASSEMBLY - Engine to oil radiator, left	2	28-20002 to 28-7125471 inclusive
	63901-164	X	HOSE ASSEMBLY - Engine to oil radiator, left	2	28-7125472 and up
-18	63636-00	BD	LINE ASSEMBLY - Engine to oil radiator, right	1	28-1 to 28-1410 inclusive
	63901-163		HOSE ASSEMBLY - Engine to oil radiator, right	2	28-1411 to 28-1760 inclusive
	63901-163	X	HOSE ASSEMBLY - Engine to oil radiator, right	2	28-20002 to 28-7125471 inclusive
	63901-164	X	HOSE ASSEMBLY - Engine to oil radiator, right	2	28-7125472 and up
-19	63637-00	Y	TUBE - Oil line support	1	28-1 to 28-1410 inclusive
	63637-02	Z	TUBE - Oil line support	1	28-671 to 28-1410 inclusive
-20	86062-94	E	SPACER - Oil radiator	4	
-21	484 654		SEAL - Oil radiator lines (#110-8-Y)	4	28-1 to 28-1410 inclusive
-22	451 855		ADAPTER - (W/H 3200 x 6)		
-23	458 957	B	ELBOW - (905-8)	1	28-1 to 28-1410 inclusive
	458 886	C	ELBOW - (AN823-8D)		
	458 886	X	ELBOW - (AN823- 8D)	1	28-25000 and up
-23a	458 957	B	ELBOW - (905-8)	1	28-1 to 28-1410 inclusive
	458 886	C	ELBOW - (AN823-8D)	1	
	458 886	X	ELBOW - (AN823-8D)	1	28-25000 to 28-7125471 inclusive
	458 896	X	ELBOW - (AN822-8D)	1	28-7125472 and up
A - Used on PA-28-140 with serial numbers 28-20002 and up, PA-28-150, PA-28-160 and PA-28-180 with serial numbers 28-1 to 28-1760 inclusive. B - If Kit 756 769 has been installed, order part for serial numbers 28-1411 to 28-1760 inclusive. C- Used on PA-23-140 with serial numbers 28-20002 to 28-24999 inclusive, PA-28-150, PA-28-160 and PA-28-180 with serial numbers 28-1411 to 28-1760 inclusive. D- Not available, Flexible Hose Kit 756 769 will be supplied as a replacement. E- Used on PA-28-140 with serial numbers 28-20002 to 28-7125471 inclusive, PA-28-150, PA-28-160 and PA-28-180 with serial numbers 28-1 to 28-1760 inclusive. F - See latest revision of Piper Service Bulletin 975. X- Used on PA-28- 140 airplanes only. Y- Used on PA-28-150 and PA-28-160 airplanes only. Z- Used on PA-28-180 airplanes only.					
When ordering, always specify Part Number, Description, and Serial Number of Aircraft					

PA- 28-140
PA- 28-150
PA- 28-160
PA- 28-180

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
56-24	458 957	C,W	ELBOW - (905-8)	1	28-1 to 28-1410 inclusive
	458 898	D,W,X	ELBOW - (AN822 8D)	1	
	458 886	W,X	ELBOW (AN823-8D)	1	28-25000 and up
-25	458 957	C,W	ELBOW - (905-8)	1	28-1 to 28-1410 inclusive
	458 898	D,W	ELBOW - (AN822-8D)	1	
	458 898	W,X	ELBOW - (AN822 8D)	1	28-25000 to 28-7125471 incl.
	458 886	W,X	ELBOW - (AN823 8D)	1	28-7125472 and up
-26	82371-56	W	HOSE - Engine breather tube	1	28-1 to 28-507 inclusive
	63913-13	F	HOSE - Engine breather tube	1	
	63913-74	X	HOSE - Engine breather tube	1	28-25000 and up
-27	454 837		CLAMP - Engine breather hose (H-78000)	2	
-28	458 870	B	ELBOW - Engine to breather tube hose (AN844-100)	1	
-29	400 464	E	BOLT- (AN3-41A)	4	
	400 438	W,X	BOLT- (AN3-4A)	4	28-7125472 and up
	690 612	E,W	WASHER- (NAS1149F0363P)	4	
	690 609	W,X	WASHER - (NAS1149F0332P)	4	28-7125472 and up
	404 526	W	NUT - (MS21042-3)	4	
-30	73451-07	W,Y	GASKET - Carburetor air box	1	
	73451-07	W,X	GASKET - Carburetor air box	1	
	63684-04	Z	GASKET - Carburetor air box	1	
-31	63601-13	Y	BOX ASSEMBLY - Carburetor air	1	2S1 to 28-1760 inclusive
	63680-00	Z	BOX ASSEMBLY - Carburetor air	1	28-671 to 28-1760 inclusive
	63601-13	X	BOX ASSEMBLY - Carburetor air	1	28-20002 and up
-31a	434 134	G ,W	GROMMET - (MS35489-11)	2	
	434 129	Z,W	GROMMET - (AN931-5-9)	2	
-31b	453 991	G	BUSHING - (PS10065-23)	2	
-31c	63601-10	X,Y	VALVE ASSEMBLY - Carburetor air	1	63601-7, 63602-0
-31d	63601-200	X,Y	SHAFT ASSEMBLY - Carburetor air box		
-32	63633-05	Y	HOSE - Carburetor heat shroud intake	1	28-1 to 28-707 inclusive
-33	78035-02	Z	HOSE - Carburetor heat shroud outlet	1	28-671 to 28-1760 inclusive
	99849-02	X,Y	HOSE - Carburetor heat shroud outlet	1	
			A- Used on PA-28-140 with serial numbers 28-20002 and up, PA-28-150, PA-28-160 and PA-28-180 with serial numbers 281 to 28-1760 inclusive.		
			B- Used on PA-28-140 with serial number 28-20002 and up, PA-28-150, PA-28-160 and PA-28-180 with serial numbers 28-508 to 28-1760 inclusive.		
			C- If Kit 756 769 has been installed, order part for serial numbers 28-1411 to 28-1760 inclusive.		
			D- Used on PA-28-140 with serial numbers 2820002 to 28-24999 inclusive, PA-28-150, PA-28-160 and PA-28-180 with serial numbers 28-1411 to 28-1760 inclusive.		
			E- Used on PA-28-140 with serial numbers 28-20002 to 28-7125471 inclusive, PA-28-150, PA-28-160 and PA-28-180 with serial numbers 28-1 to 28-1760 inclusive.		
			F- Used on PA-28-140 with serial numbers 28-20002 to 28-24999 inclusive, PA-28-150, PA-160 and PA-28180 with serial numbers 28-508 to 28-1760 Inclusive.		
			G- Used on PA-28-140, PA-28-150 and PA-28-160 airplanes with a 625 hole in the Carburetor Air Box for the air box valve shaft grommets.		
			W- These parts must be ordered from Service Spares Department, Piper Aircraft, Vero Beach, Florida.		
			X- Used on PA-28-140 airplanes only.		
			Y- Used on PA-28-150 and PA-28-160 airplanes only.		
			Z- Used on PA-28-180 airplanes only.		

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
56-34	99849-04	Y	HOSE - Carburetor air intake	1	28-1 to 28-1760 inclusive
	99849-04	X	HOSE - Carburetor air intake	1	28-20002 to 28-7125471 inclusive
	99849-03	X	HOSE - Carburetor air intake	1	28-71 25472 and up
	78035-03	Z	HOSE - Carburetor air intake	1	28-671 to 28-1760 inclusive
-35	63655-00	Y	SUPPORT - Bottom cowl	2	28-1 to 28-724 inclusive
-36	63732-00	Y	DAMPENER ASSEMBLY - Bottom cowl	1	28-1 to 28-724 inclusive
-37	61879-02	W	VALVE ASSEMBLY - Oil drain		
-38	12693-04	C,D,W	CABLE ASSEMBLY - Throttle control	1	
-39	471 049	C,D,W	KNOB - Throttle cable (#95 black)		
-40	63902-03	Y,Z	CABLE ASSEMBLY - Carburetor heat control	1	
	63902-03	X	CABLE ASSEMBLY - Carburetor heat control	1	28-20002 to 28-21095 inclusive
	63902-16	C,X	CABLE ASSEMBLY - Carburetor heat control	1	28-21096 to 28-24999 inclusive
-41	63902-04	Y,Z	CABLE ASSEMBLY - Mixture control	1	
	63902-08	X	CABLE ASSEMBLY - Mixture control	1	28-20002 to 28-21095 inclusive
	63902-17	C,X	CABLE ASSEMBLY - Mixture control	1	28-21096 to 28-24999 inclusive
-42	18321-00	C,D,W	PLATE - Firewall seal	4	
-43	63915-03	C,D	DISC - Firewall, tachometer shaft	2	
-44	63915-04	C,D	DISC - Firewall, mixture control cable	2	
-45	63916-02	C,D	CLAMP - Throttle control cable		
-46	554 860	C,D	CLAMP - Throttle control cable (#RA-4400-1)	2	
-47	554 890	C,D	CLAMP - Carburetor heat control cable (MS122901)		
-48	70371-03	C,D,W	STUD - Swivel fitting	2	
-49	70371-02	C,D,W	FITTING - Swivel, carburetor heat control	1	
-50	91193-00	C,D,W	FITTING - Swivel, carburetor heat control		
-51	68778-00	X	ELBOW - Oil pressure	1	28-21096 and up
-52	62833-07	C,D	WASHER - Carburetor heat control cable	1	
-53	62978-00	C,D	CLIP - Carburetor heat control cable		
-54	63964-00	B	SUPPORT ASSEMBLY - Engine controls		
	69317-00	X	SUPPORT ASSEMBLY - Engine controls	1	28-25000 and up
-55	14311-39	W,Y,Z	BOX ASSEMBLY - Magneto filter		
	14311-39	W X	BOX ASSEMBLY - Magneto filter	1	28-20002 to 28-23495 inclusive
	65827-00	X	BOX ASSEMBLY - Magneto filter	1	28-23496 to 28-24999 inclusive
			A- Used on PA-28-140 with serial numbers 28-20002 and up, PA-28-150, PA-28-160 and PA-28-180 with serial numbers 28-1 to 28-1760 inclusive.		
			B- Used on PA-28-140 with serial numbers 28-20002 to 28-24999 inclusive, PA-28-150, PA-28-160 and PA-28-180 with serial numbers 28-508 to 28-1760 inclusive.		
			C- See Figure 57B for Engine Controls Installation for PA-28-140 with serial numbers 28-25000 and up.		
			D- Used on PA-28-140 with serial numbers 28-20002 to 28-24999 inclusive, PA-28-150, PA-28-160 and PA-28-180 with serial numbers 28-1 to 29-1760 inclusive.		
			W- These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.		
			X- Used on PA-28-140 airplanes only.		
			Y- Used on PA-28-150 and PA-28-160 airplanes only.		
			Z- Used on PA-28-180 airplanes only		

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

PA- 28-140
PA- 28-150
PA- 28-160
PA- 28-180

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
56-56	63669-00		LUG - Engine- lifting	1	
-57	454 800	Y	CLAMP - (32SS)	1	28-1 to 28-274 inclusive
-58	80122-55	W	WASHER - Propeller	6	28-1 to 28-507 inclusive
-59	417 694	W	SCREW - Spinner (AN526C-1032R8)	8	
-60	417 695	W	SCREW-Spinner (AN526C-1032R10)	2	
-61	400 309	W	BOLT - Bottom engine to mount (AN8-30)	2	28-1 to 28-220 inclusive
	400 3 0	W	BOLT - Bottom engine to mount (AN8-31)	2	28-221 to 28-507 inclusive
	400 274	W	BOLT - Bottom engine to mount (AN7-35)	2	28-508 to 28-1508 inclusive
	401 535	B	BOLT - Bottom engine to mount (AN7-35A)	2	
	401 544	X	BOLT - Bottom engine to mount (AN7-44A)	2	28-25000 and up
-62	400 328		BOLT - Top engine to mount (AN8-53)	2	28-1 to 28-220 inclusive
	400 329	W	BOLT - Top engine to mount (AN8-54)	2	28-221 to 28-507 inclusive
	400 274	W	BOLT - Top engine to mount (AN7-35)	2	28-508 to 23-1508 inclusive
	401 535	B	BOLT - Top engine to mount (AN7-35A)	2	
	401 543	X	BOLT - Top engine to mount (AN7-43A)	2	28-25000 and up
-63	404 105	W	NUT - Engine mount bolt (AN3108)	4	28-1 to 28-507 inclusive
	404 104	W	NUT - Engine mount bolt (AN3107)	4	28-508 to 28-1508 inclusive
	404 891	W	NUT - Engine mount bolt (MS20365-720C)	4	28-1509 and up
-64	424 059	W	COTTER PIN - Engine mount bolt (AN380-3-3)	4	28-1 to 28-1508 inclusive
-65	690 630	W	WASHER - Engine mount bolt (NAS1149F0763P)	AR	
-66	554 800	X,Y	CLAMP - Carburetor air box hose (SAE TY A 3-3/16)	2	
	454 804	Z	CLAMP - Carburetor tor air box hose (4-1205)	2	
-67	554 800		CLAMP - Carburetor air box hose (SAE TY A 3-3/16)	1	
-68	554 800	X,Y,Z	CLAMP - Carburetor air box hose (SAE TY A 3-3/16)	1	
-69	63203-00		TUBE - Engine breather	1	28-1 to 28-507 inclusive
	63215-00	C	TUBE - Engine breather	1	
-70	63407-00	Y,Z	CLOSURE ASSEMBLY - Winterization plate	1	
	63407-00	X	CLOSURE ASSEMBLY - Winterization plate	1	28-20002 to 28-21095 inclusive
	65478-00	X	CLOSURE ASSEMBLY - Winterization plate	1	28-21096 to 28-7125471 inclusive
	99523-00	X	CLOSURE ASSEMBLY - Winterization plate	1	28-7125472 and up
-71	63201-00	Y,Z	TUBE ASSEMBLY - Oil pressure	1	28-1 to 28-1760 inclusive
	63201-00	X	TUBE ASSEMBLY - Oil pressure	1	28-20002 to 28-21095 inclusive
	65603-00	X	TUBE ASSEMBLY - Oil pressure	1	28-21096 to 28-24999 inclusive
	67700-42	X	TUBE ASSEMBLY - Oil pressure	1	28-25000 to 28-7425454 inclusive
	67700-86	X	TUBE ASSEMBLY - Oil pressure forward	1	28-7525001 and up
	67700-85	X	TUBE ASSEMBLY - Oil pressure aft	1	28-7525001 and up
-72	71061-00	W,Y,Z	HOSE ASSEMBLY - Oil pressure	1	28-1 to 28-1760 inclusive
	71061-00	W,X	HOSE ASSEMBLY - Oil pressure	1	28-20002 to 28-21095 inclusive
	63901-27	X	HOSE ASSEMBLY - Oil pressure	1	28-21096 and up

- A- Used on PA-28-140 with serial numbers 28-20002 and up PA-28-150 PA-28-160 and PA-28-180 with serial numbers 28-1 to 28-1760 inclusive.
- B- Used on PA-28-140 with serial numbers 28-20002 to 28-24999 inclusive PA-28-150, PA-28-160 and PA-28-180 with serial numbers 28-508 to 28-1760 inclusive.
- C- Used on PA-28-140 with serial numbers 28-20002 and up PA-28-150 PA-28-160 and PA-28-180 with serial numbers 28 -08 to 28-1760 inclusive.
- W- These parts must be ordered from Service Spares Department Piper Aircraft Lock Haven Penna.
- X- Used on PA-28-140 airplanes only.
- Y- Used on PA-28-150 and PA-28-160 airplanes only.
- Z- Used on PA-28-180 airplanes only.

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
56-73	484 349	C	REDUCER - (AN919-1D) Oil pressure	1	
-74	69301-00		ELBOW - Oil pressure	1	28-221 and up
-75	491 055	C,W	UNION - (AN815-4) Oil pressure	1	28-21096 and up
-76	486 274		BOLT - (MS90725-15)	1	28-508 and up
-77	85012-47	W	WASHER - Spinner	10	
-78	85012-101	C	WASHER - Engine to mount, bottom	2	28-25000 and up
-79	63672-00		SUPPORT - Engine breather tube	1	28-1 to 28-507 inclusive
-80	79038-00	C	TEE - Bulkhead fittin	1	28-7525001 and up
-81	587 961	C	SWITCH - (M-4011-35)	1	28-7525001 and up
-82	477 629	C,W	NUT- (AN924-4)	1	28-7525001 and up
	690 626	C,W	WASHER - (NAS1149F0732P)	1	28-7525001 and up
-83	587 990	B, C	SWITCH - (M-4006-4)	1	28-7625001 and up
-84	588 469	B, C	TEE - (1/8 MMS-S)	1	28-7625001 and up
-85	86092-61	W	PIN - Engine mount bushing	4	28-221 to 28-507 inclusive
-86	460 634	W	FILTER - Radio Interference (NFIF247)		
A- Used on PA-28-140 with serial numbers 28-20002 and up, PA-28-150, PA-28-160 and PA-28-180 with serial numbers 28-1 to 28-1760 inclusive. B- Used if engine hour meter is installed. C- Used on PA-28-140 airplanes only. W- These parts must be ordered from Service Spares Department, Piper Aircraft, Vero Beach, Florida.					

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

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PIPER PARTS CATALOG

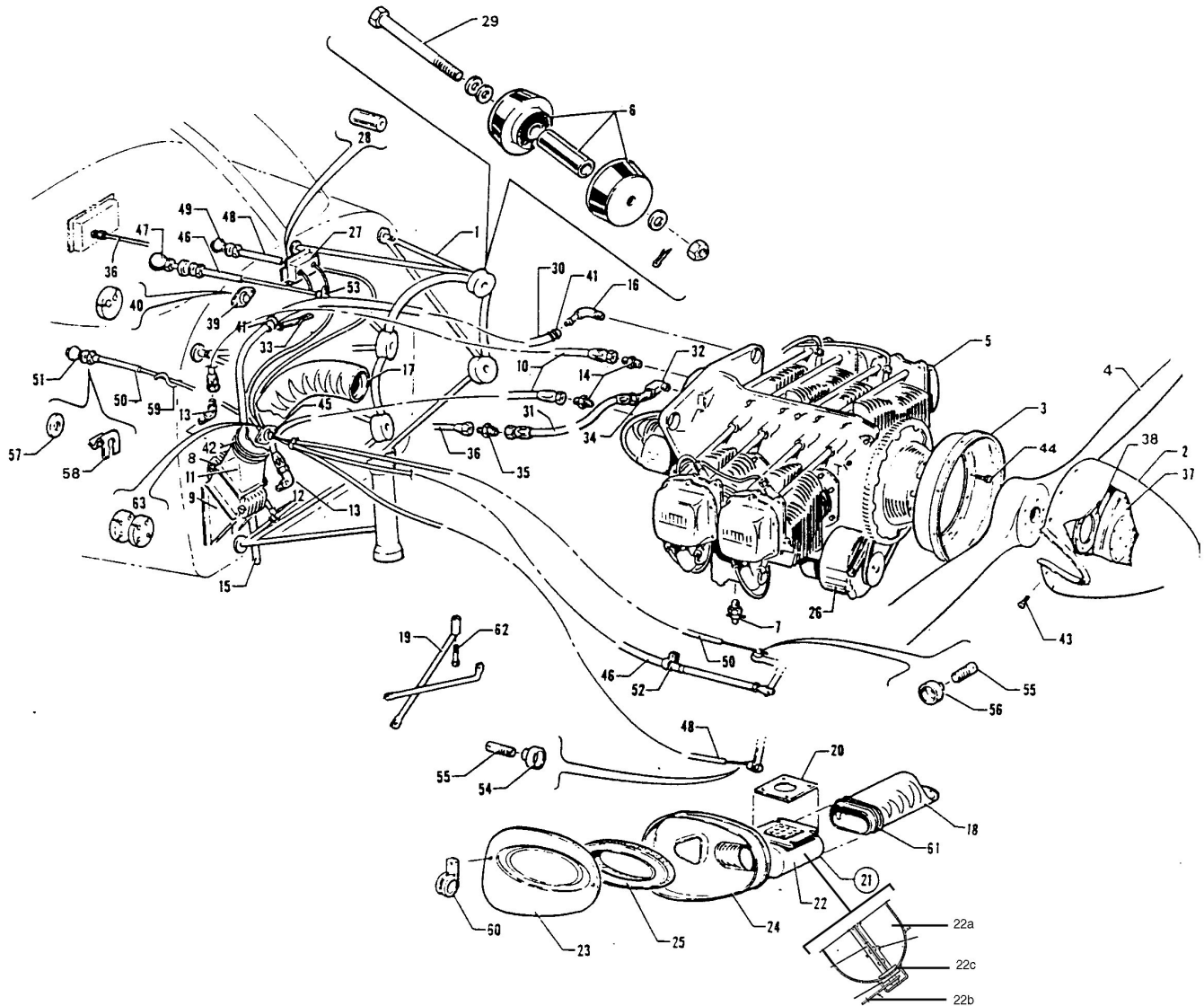


Figure 57. Power Plant Installation
PA-28-150-160-180 - Serial Nos. 28-1761 to 28-4377 inclusive)

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
57-	62893 62991		DRAWING - Power Plant Installation DRAWING - Engine Controls Installation		28-1761 to 28-4377 inclusive 28-1761 to 28-4377 inclusive
-1	62297-00		MOUNT ASSEMBLY - Engine and nose gear strut	1	
-2	63760-04		SPINNER - Propeller	1	28-1761 to 28-3585 inclusive
	65805-00		SPINNER - Propeller	1	28-3586 to 28-4377 inclusive
-3	65208-03		BULKHEAD ASSEMBLY - Spinner, rear	1	28-1761 to 28-3585 inclusive
	65803-00	B	BULKHEAD ASSEMBLY - Spinner, rear	1	28-3586 to 28-4377 inclusive
	65803-02	C	BULKHEAD ASSEMBLY - Spinner, rear	1	28-3586 and up
-4	450 948		PROPELLER - Sensenich 74DM6S5-0-58 Pitch "150"	1	
	450 949		PROPELLER - Sensenich 74DM6S5-0-60 Pitch "160"	1	
	450 957		PROPELLER - Sensenich 76EM8S5-0-60 Pitch "180"	1	
-5		A	ENGINE - Lycoming (O-320-E2A) "150"	1	
		A	ENGINE - Lycoming (O-320-E2A) "150" (with oil filter)	1	28-2837 and up
		A	ENGINE - Lycoming (O-320-D2A) "160"	1	
		A	ENGINE - Lycoming (O-320-D2A) "160" (with oil filter)	1	28-2837 and up
		A	ENGINE - Lycoming (O-360-A3A) "180"	1	28-1761 to 28-3555 inclusive. 28-3557 to 28-3572 inclusive. 28-3574 to 28-3626 inclusive
		A	ENGINE - Lycoming (O-360-A4A) "180"	1	28-3556, 28-3573, 28-3627 to 28-4377 inclusive
		A	ENGINE - Lycoming (O-360-A3A) , "180" (with oil filter)	1	28-2837 to 28-3555 inclusive. 28-3557 to 28-3572 inclusive. 28-3574 to 28-3626 inclusive
		A	ENGINE - Lycoming (O-360-A4A), "180" (with oil filters)	1	28-3556, 28-3573, 28-3627 to 28-4377 inclusive
-6	475 123	C,D	MOUNT - Engine (J-7402-16)	4	
	475 123	B,D	MOUNT - Engine (J-7402-16)	4	28-1761 to 28-3299 inclusive
	475 110	B	MOUNT - Engine (J-7402-24)	4	28-330 to 28-4377 inclusive
-7	61879-02	W	VALVE ASSEMBLY - Oil drain	1	
-8	18622-00	W	OIL RADIATOR	1	
-9	62938-00		BRACKET- Oil radiator	2	
-10	63901-20		HOSE ASSEMBLY	2	
-11	62985-00		ADAPTER ASSEMBLY - Oil radiator air	1	
-12	62987-00		TUBE - Oil radiator bracket attachment	1	
-13	458 886	W	ELBOW - Oil radiator (AN823-8D)	2	
-14	476 664	W	NIPPLE - Oil radiator (AN816-8D)	2	
-15	62980-00		TUBE - Engine breather	1	
-16	458 870		ELBOW - Engine breather (AN844-10D)	1	
-17	63633-88		HOSE - Oil radiator air	1	
-18	99944-02		HOSE - Carburetor heat	1	
-19	63964-00		BRACKET - Engine controls	1	
-20	73451-07	C,W	GASKET - Carburetor air box	1	
	63684-04	B	GASKET - Carburetor air box	1	
			A- Secure from Lycoming, Division-Avco Corporation, Williamsport, Penna. B- Used on PA-28-180 airplanes only. C- Used on PA-28-150 and PA-28-160 airplanes only. D- If less than four mounts are being replaced, ascertain number which is stamped on rubber part of mount and order either 475 123 (J-7402-16) or 475 110 (J-7402-24). If four mounts are being replaced, it is suggested that four of P/N 475 110 (J-7402-24) be ordered. W- These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna. and Serial Number of Aircraft		

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
57-21	62989-02	B	BOX ASSEMBLY - Carburetor air (complete)	1	
	62989-00	A	BOX ASSEMBLY - Carburetor air (complete)	1	
-22	63446-00	B	BOX ASSEMBLY - Carburetor air	1	
	62921-00	A	BOX ASSEMBLY - Carburetor air	1	
-22a	62999-00		VALVE ASSEMBLY - Carburetor air box	1	
-22b	62998-00		SHAFT ASSEMBLY - Carburetor air box	1	
-22c	434 129	W	GROMMET - (AN931-5-9)	1	
-23	65403-00		COVER ASSEMBLY - Air filter	1	
-24	63246-00		HOUSING ASSEMBLY - Air filter	1	28-1761 to 28-3077 inclusive
	63246-04		HOUSING ASSEMBLY - Air filter	1	28-3078 to 28-4377 inclusive
-25	460 632	W	AIR FILTER - (CA-161PL)	1	
-26		C	ALTERNATOR INSTALLATION - Chrysler		
-27	14311-39	W	BOX ASSEMBLY - Magneto filter	1	28-1761 to 28-4327 inclusive
	65827-00		BOX ASSEMBLY - Magneto filter	1	28-4328 to 28-4377 inclusive
-28	460 634	W	FILTER - Radio interference (NFIF247)	2	
-29	401 535		BOLT - Engine mount (AN7-35A)	4	
	690 630	W	WASHER - Engine mount (NAS1149F0763P)	12	
	404 891	W	NUT - Engine mount (MS20365-720C)	4	
-30	63913-42		HOSE - Engine breather	1	
-31	71061-00	W	HOSE ASSEMBLY - Oil pressure gauge	1	28-1761 to 28-2477 inclusive
	63901-27		HOSE ASSEMBLY - Oil pressure gauge	1	28-2478 to 28-4377 inclusive
-32	458 920	W	ELBOW - Oil pressure hose (W/H 3400 x 2)	1	
-33	63486-00		SUPPORT - Oil line	1	28-1902 to 28-4377 inclusive
-34	68778-00		ELBOW - Oil pressure hose	1	28-2478 to 28-4377 inclusive
-35	491 055	W	UNION - Oil pressure hose (AN815-4)	1	28-2478 to 28-4377 inclusive
-36	63087-00		TUBE ASSEMBLY - Oil pressure	1	28-1761 to 28-2477 inclusive
	65522-00		TUBE ASSEMBLY - Oil pressure	1	28-2478 to 28-4377 inclusive
-37	65804-00	A	BULKHEAD ASSEMBLY - Spinner, front	1	
	65804-04	B	BULKHEAD ASSEMBLY - Spinner, front	1	
-38	65806-00	B	SPACER - Spinner bulkhead	1	
-39	18321-00	W	PLATE - Firewall seal	2	
-40	63915-03		DISC - Firewall Seal	2	
-41	454 837		CLAMP - Engine breather hose (#H-78000)	2	
-42	454 816	W	CLAMP - Air hose (#4-0000)	2	
-43	400 438	W	BOLT - Spinner (AN3-4A)	12	28-1761 to 28-3585 inclusive
	416 329		SCREW - Spinner AN525-1032R9)	16	28-3586 to 28-4377 inclusive
	690 612	W	WASHER - Spinner (NAS1149F0363P)	16	28-3586 to 28-4377 inclusive
	404 526	W	NUT, - Spinner (MS21042-3)	16	28-3586 to 28-4377 inclusive
-44	401 310	W	BOLT - Spinner bulkhead AN4-10A)	12	
	690 613	W	WASHER - Spinner bulkhead (NAS1149F0432P)	12	
	404 530	W	NUT - Spinner bulkhead (MS21042-4)	12	
-45	18321-00	W	PLATE - Firewall disc	2	
-46	12693-04	W	CABLE ASSEMBLY - Throttle control	1	
-47	471 049	W	KNOB Throttle cable (#95 black)	1	
-48	63902-03		CABLE ASSEMBLY - Carburetor heat control	1	28-1761 to 28-2627 inclusive
	63902-16		CABLE ASSEMBLY - Carburetor heat control	1	28-2628 to 28-4377 inclusive
-49	471 084		KNOB - Heat control (#233 black)	1	28-1761 to 28-2627 inclusive
	65617-00		KNOB - Heat control	1	28-2628 to 28-4377 inclusive
-50	63902-08		CABLE ASSEMBLY - Mixture control	1	28-1761 to 28-2627 inclusive
	63902-17		CABLE ASSEMBLY - Mixture control	1	28-2628 to 28-4377 inclusive

A- Used on PA-28-180 airplanes only.
B- Used on PA-28-150 and PA-28-160 airplanes only
C- See Figure 71 for components parts.
W- These parts must be ordered from Service Spares Department, Piper Aircraft, Vero Beach, Florida.

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
57-51	471 084		KNOB - Mixture control (#233 black)	1	28-1761 to 28-2627 inclusive
	65618-00		KNOB - Mixture control	1	28-2628 to 28-4377 inclusive
-52	63916-02		CLAMP - Throttle control cable	1	
-53	554 860		CLAMP - Throttle control cable (#RA-4400-1)	2	
-54	70371-02	W	FITTING - Swivel	1	
-55	70371-03	W	STUD - Swivel fitting	2	
-56	91193-00	W	FITTING - Swivel fitting	1	
-57	62833-07		WASHER - Carburetor heat control cable	1	
-58	62978-00		CLIP - Carburetor heat control cable	1	
-59	62171-00		CLAMP - Cable tension	1	
-60	554 859		CLAMP - (MS21919-H-48)	2	
-61	99289-00		CLAMP - Air duct	2	
-62	486 274		BOLT - (MS90725-15)	1	
-63	63915-04		DISC - Firewall seal	2	
W- These parts <u>must</u> be ordered from Service Spares Department, Piper Aircraft, Vero Beach, Florida.					

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

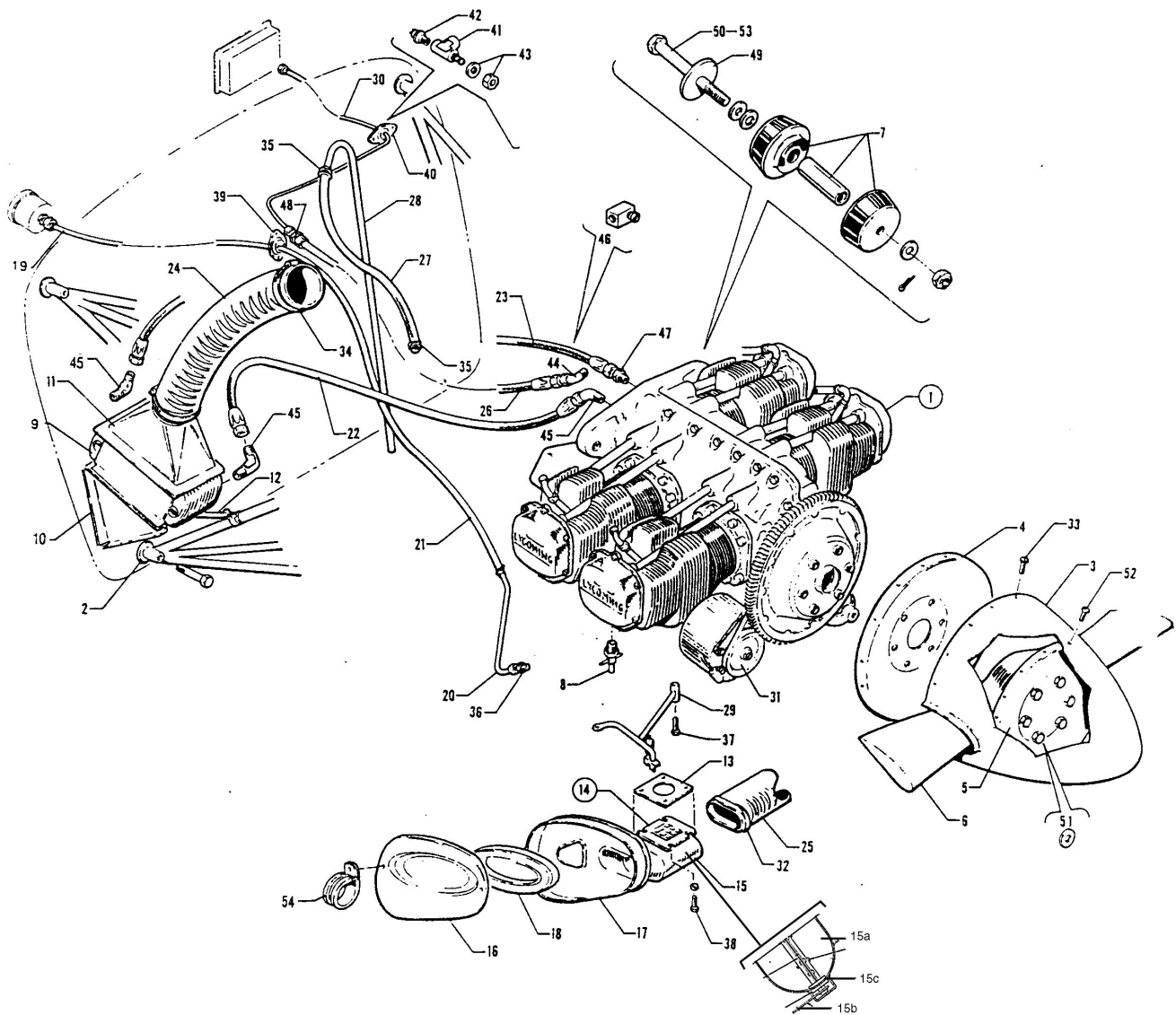


Figure 57A. Power Plant Installation
(PA-28-180 - Serial Nos. 28-4378 and up)

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
57A-	65851		DRAWING - Power Plant Installation		
-1		A	ENGINE - Lycoming (O-360-A4A)	1	
-2	62297-00		MOUNT ASSEMBLY - Engine and nose gear strut	1	28-4378 to 28-5149 inclusive
	66662-00		MOUNT ASSEMBLY - Engine and nose gear strut	1	28-5150 to 28-7305611 inclusive
	66662-14		MOUNT ASSEMBLY - Engine and nose gear strut	1	
-3	65805-00		SPINNER - Propeller	1	
-4	65803-00		BULKHEAD ASSEMBLY - Spinner, rear	1	
-5	65804-00		BULKHEAD ASSEMBLY - Spinner, front		
-6	450 957		PROPELLER - Sensenich (76EM8S5-0-60)	1	
-7	475 110		MOUNT - Engine (J7402-24)	4	28-4378 to 28-5149 inclusive
	475 124		MOUNT - Engine (J9613-40)	4	28-5150 and up
-8	61879-02	W	VALVE ASSEMBLY - Oil drain	1	
	18622-00	W	OIL RADIATOR	1	
-10	62938-00		BRACKET - Oil radiator	2	
-11	62985-00		ADAPTER ASSEMBLY - Oil radiator	1	
-12	62987-00		TUBE - Oil radiator bracket attachment	1	
-13	63684-04		GASKET - Carburetor air box	1	
-14	62989-00		BOX ASSEMBLY - Carburetor air ((complete)	1	
-15	62921-00		BOX ASSEMBLY - Carburetor air	1	
-15a	62999-00		VALVE ASSEMBLY - Carburetor air box	1	
-15b	62998-00		SHAFT ASSEMBLY - Carburetor air box	1	
-15c	434 129	W	GROMMET - (AN931-5-9)	2	
-16	65403-00		COVER ASSEMBLY - Air filter	1	
-17	63246-04		HOUSING ASSEMBLY - Air filter	1	
-18	460 632	W	AIR FILTER - (CA-161PL)	1	
-19	67700-29		TUBE ASSEMBLY - Manifold pressure gauge	1	
-20	62992-00		TUBE ASSEMBLY - Manifold pressure	1	
-21	63913-26		HOSE - Flexible, Manifold pressure	1	
-22	63901-26		HOSE ASSEMBLY - Oil radiator	1	
-23	63901-43		HOSE ASSEMBLY - Oil radiator	1	
-24	63633-88		HOSE - Oil radiator	1	
-25	99944-02		HOSE - Carburetor heat	1	
-26	63901-27		HOSE ASSEMBLY - Oil pressure	1	
-27	63913-42		HOSE - Engine breather	1	
-28	62980-00		TUBE - Engine breather	1	
-29	65861-00		SUPPORT ASSEMBLY - Engine controls	1	28-4378 to 28-5149 inclusive
	69317-00		SUPPORT ASSEMBLY - Engine controls	1	28-5150 and up
-30	67700-38		TUBE ASSEMBLY - Oil pressure	1	28-4378 to 28-5828 inclusive
	67700-53		TUBE ASSEMBLY - Oil pressure	1	28-5829 to 28-7405290 inclusive
	67700-88		TUBE ASSEMBLY - Oil pressure, forward	1	28-7505001 and up
	67700-87		TUBE ASSEMBLY - Oil pressure, aft	1	28-7505001 and up
-31		B	ALTERNATOR INSTALLATION		
-32	99289-00		CLAMP - Air duct	2	
-33	415 379		SCREW - (MS51958-63)	16	
	690 617	W	WASHER - (NAS1149C0363R)	16	
	404 526	W	NUT - (MS21042-3)	16	
-34	454 816	W	CLAMP - (H4-0000)	2	
-35	454 837		CLAMP - (H78000)	2	
-36	460 685	W	CONNECTOR - (200 x 4)	1	
-37	486 274		SCREW - Cap (MS90725-15)	1	
-38	401 919	W	BOLT - (MS20074A-04-04)	4	
	408 051	W	WASHER - (MS35333-40)	4	
		A-	Secure from Lycoming Division-Avco Corporation. Williamsport, Penna.		
		B-	See Figure 71 for component parts if a Chrysler alternator is installed. See Figure 32A if a Prestolite alternator, with air conditioning, is installed.		
		W-	These parts must be ordered from Service Spares Department, Piper Aircraft, Vero Beach, Florida.		

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
57A-39	66789-00	W	PLATE - Firewall seal	2	
	22104-04		GASKET - Firewall seal	2	
	68771-08		GASKET- Firewall seal	1	
-40	66789-00		PLATE - Firewall seal	2	28-4378 to 28-7405290 inclusive
	68770-18		GROMMET - Firewall seal	2	28-4378 to 28-7405290 inclusive
	68771-06		GASKET- Firewall seal	1	28-4378 to 28-7405290 inclusive
-41	79038-00		TEE - Bulkhead fitting	1	28-7505001 and up
-42	587 961		SWITCH - (M-4011-35)	1	28-7505001 and up
-43	690 626		WASHER - (NAS1149F0732P)	1	28-7505001 and up
	477 629	W	NUT - (AN924-4)	1	28-7505001 and up
-44	68778-00		ELBOW - Oil pressure hose	1	
-45	458 855		ELBOW - (AN823-8)	3	
-46	69301-00		FITTING - Elbow, oil pressure line	1	
-47	476 688		NIPPLE - (AN816-8)	1	
-48	491 055		UNION - (AN815-4)	1	
-49	85012-101		WASHER - Bottom engine to mount	2	28-5150 and up
-50	401 543		BOLT - Top engine to mount (AN7-43A)	2	28-5150 and up
	401 544		BOLT - Bottom engine to mount (AN7-44)	2	28-5150 and up
	690 630		WASHER - (NAS1149F0763P)	4	28-5150 and up
	404 891	W	NUT- (MS20365-720C)	4	28-5150 and up
-51	62833-29		WASHER - Propeller	6	
-52	415 379		SCREW - (MS51958-63)	8	
	690 614		WASHER - (NAS1149C0332R)	8	
-53	401 535		BOLT - (AN7-35A)	4	28-4378 to 28-5149 inclusive
	690 630		WASHER - (NAS1149F0763P)	12	28-4378 to 28-5149 inclusive
	404 891		NUT - (MS20365-720C)	4	28-4378 to 28-5149 inclusive
-54	554 859	W	CLAMP - (MS21919-H-48)	2	
W- These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.					

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

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PIPER PARTS CATALOG

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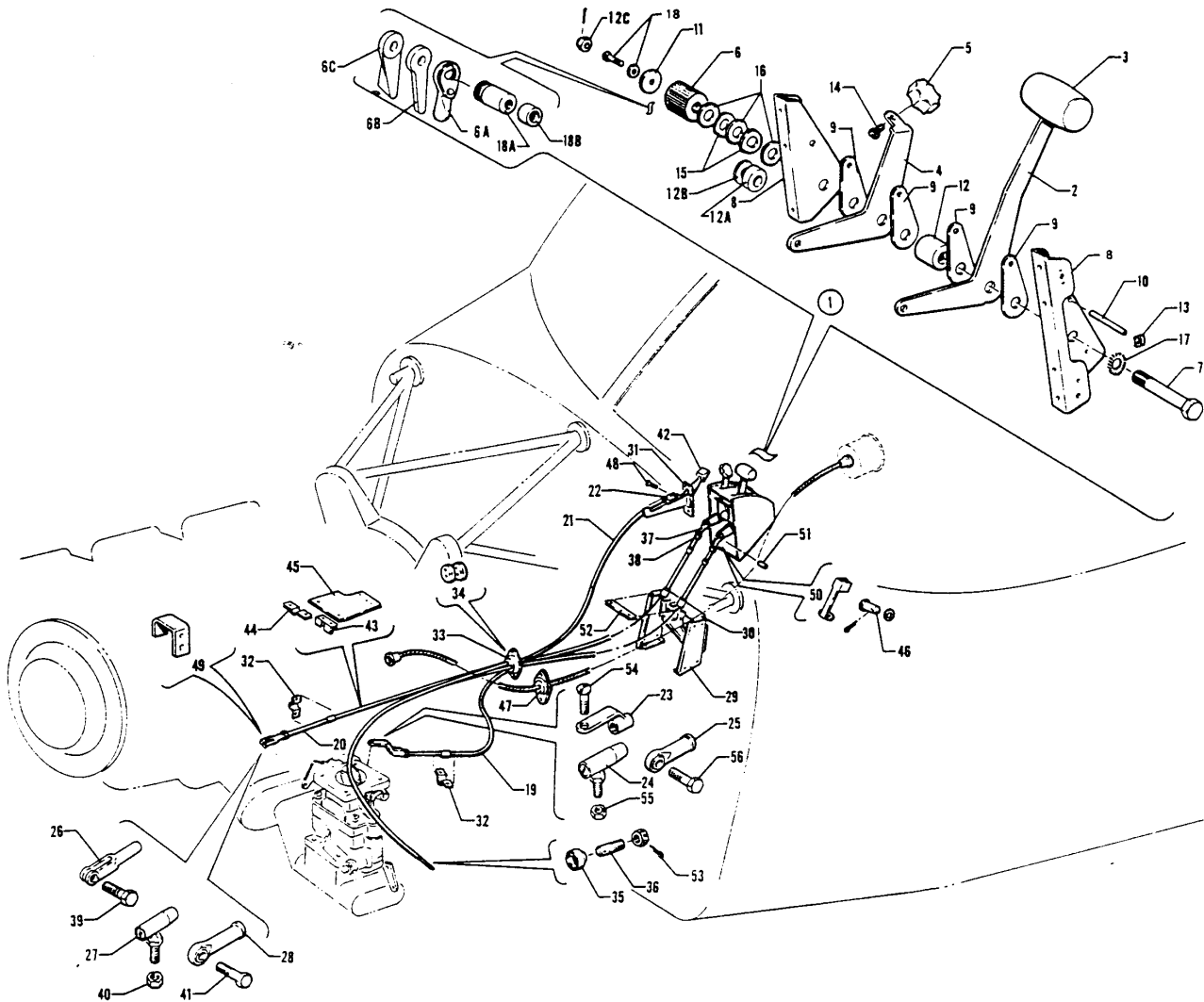


Figure 57B. Engine Controls Installation
 (PA-28-140 - Serial Nos. 28-25000 and up)
 (PA-28-180 - Serial Nos. 28-4378 and up)
 (PA-28-235 - Serial Nos. 28-11040 to 28-7210033 inclusive)

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
57B-	65848	B	DRAWING - Engine Controls Installation		
	69263	C	DRAWING - Engine Controls Installation		
	66733	G	DRAWING - Engine Controls Installation		
-1	65850-00	D	QUADRANT ASSEMBLY - Control	1	
-2	67223-00		• LEVER ASSEMBLY - Throttle	1	
-3	66979-00		•• KNOB - Throttle Lever	1	
-4	67214-00		• LEVER - Mixture control	1	
-5	24048-00	W	• KNOB - Mixture control (571 044)	1	
-6	67220-00		• KNOB - Quadrant adjusting	1	
-6a	24358-00	W	• HANDLE ASSEMBLY - Quadrant adjusting (2.75" L)	1	
-6b	66773-00		• HANDLE - Quadrant adjusting (2.72" L)	1	
-6c	63039-04		• HANDLE - Quadrant adjusting (2.94" L)	1	
-7	67217-00	E	• SHAFT - Quadrant (2.46" L)	1	
	418 457	F	• SCREW - Cap (MS35291-42) (2.50" L)	1	
	400 749	H	• BOLT - (AN25-52) (3.30" L)	1	
	400 171	J,W	• BOLT - (AN5-30) (3.09" L)	1	
-8	67215-00	E,F	• BRACKET ASSEMBLY - Quadrant, left	1	
	67215-03	H,J	• BRACKET ASSEMBLY - Quadrant, left	1	
	67216-00		• BRACKET ASSEMBLY - Quadrant, right	1	
-9	67218-00		• PLATE - Quadrant, friction (.031 thick)	2	
	67218-02		• PLATE - Quadrant, friction (.062 thick)	2	
-10	67221-00		• PIN - Quadrant, friction plate	1	
-11	68699-03	E	• SPACER - Quadrant (.040" L)	1	
-12	68699-05		• SPACER - Quadrant (1 052" L)	1	
	68699-11		• SPACER - Quadrant (.992" L)	1	
-12a	66774-00	H,J	• CAM - Quadrant adjusting	1	
-12b	62833-46	H,J	• WASHER - (.032" thick)	1	
-12c	404 394	H,J,W	• NUT - (AN320-5)	1	
	424 051	H,J,W	• COTTER PIN - (MS24665-132)	1	
-13	406 369	W	• NUT - (Tinnerman A1037-012-3)	2	
-14	415 448	W	• SCREW - (AN526-832R6)	1	
-15	408 815	H,J,W	• WASHER - (3502-18-04)	2	
-16	690 619	W	• WASHER - (NAS1149F0532P)	AR	
-17	408 045	E,W	• WASHER - (MS35333-41)	1	
-18	415 148	E,W	• SCREW - (AN526-632R6)	1	
	407 041	E,W	• WASHER - (MS35338-41)	1	
-18a	24357-00	F,W	• NUT - Quadrant adjusting	1	
-18b	62714-04	F	• BEARING - Quadrant control	1	
			A- Used on PA-28-140 with serial numbers 28-25000 and up, PA-28-180 with serial numbers 28-4378 and up, and PA-28-235 with serial numbers 28-11040 to 28-7210033 inclusive.		
			B- Used on PA-28-180 airplanes only.		
			C- Used on PA-28-235 airplanes only		
			D- See Figure 67A if Constant Speed Propeller is installed.		
			E- Used if a quadrant adjusting knob (P/N 67220-00) is installed,		
			F- Used if a 2.75" L quadrant adjusting handle assembly (P/N 24358-00) is installed.		
			G- Used on PA-28-140 airplanes only.		
			H- Used if a 2.72" L quadrant adjusting handle (P/N 66773-00) is installed.		
			J- Used if a 2.94" L quadrant adjusting handle (P/N 63039-04) is installed.		
			W- These parts must be ordered from Service Spares Department Piper Aircraft. Vero Beach, Florida.		

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
57B-19	455 332	C,J	CONTROL ASSEMBLY - Mixture (PS50146- 13-2)	1	
	455 352	D,K	CONTROL ASSEMBLY - Mixture (PS50146-13-4)	1	
-20	455 333	C,J,M	CONTROL ASSEMBLY - Throttle (PS50146-13-5)	1	
	455 350	K,M	CONTROL ASSEMBLY - Throttle (PS50146-13-6)	1	
	67639-08	D,M	CONTROL ASSEMBLY - Throttle	1	
	760 780	N	KIT - Throttle control modification		
-21	66856-07	F	CABLE ASSEMBLY - Carburetor heat	1	
	66856-19	D	CABLE ASSEMBLY - Carburetor heat	1	28-25000 to 28-25821 inclusive
	554 093	D	CABLE ASSEMBLY - Carburetor heat (PS50146-1-4)	1	28-25822 to 28-7425418 incl.
	554 094	D	CABLE ASSEMBLY - Carburetor heat (PS50146-1-3)	1	28-7425419 and up
	554 094	C	CABLE ASSEMBLY - Carburetor heat (PS50146-1-3)	1	28-11253 and up
	554 095	B	CABLE ASSEMBLY - Carburetor heat (PS50146-1-2)	1	28-5399 and up
-22	554 757	G,W	CLEVIS - Carburetor heat (MS35812-1)	1	
-23	69222-00		ARM ASSEMBLY - Mixture control	1	
-24	31747-00	W	BALLJOINT ASSEMBLY - Mixture control	1	
-25	452 606		BEARING - Rod end, Mixture control (PS10020-16-2)	1	
-26	554 757	W	CLEVIS - Throttle control (MS35812-1)		
-27	31747-00	W	BALLJOINT ASSEMBLY - Throttle control	1	
-28	452 606	W	BEARING - Rod end, throttle control (PS10020-16-2)	1	
-29	67206-00	L	SUPPORT ASSEMBLY - Engine controls	1	
	67206-02	E	SUPPORT ASSEMBLY - Engine controls	1	
-30	67224-00	L	* BRACKET ASSEMBLY - Engine controls	1	
	67224-03	E	* BRACKET ASSEMBLY - Engine controls	1	
-31	66855-00	H	CONTROL MOUNT- Carburetor heat	1	
	66835-00	G	CONTROL MOUNT - Carburetor heat	1	
-32	18219-02	B,D,W	CLAMP - Control cable	2	
			A- Used on PA-28-140 with serial numbers 28-25000 and up, PA-28-180 with serial numbers 28-4378 and up, and PA-28-235 with serial numbers 28-11040 to 28-7210033 inclusive.		
			B- Used on PA-28-180 airplanes only,		
			C- Used on PA-28-235 airplanes only,		
			D- Used on PA-28-140 airplanes only,		
			E- Used on PA-28-180 with serial numbers 28-5153 and up, and PA-28-235 with serial numbers 28-11301 to 28-7210033 inclusive.		
			F- Used on PA-28-180 with serial numbers 28-4378 to 28-5398 inclusive, and PA-28-235 with serial numbers 28-11040 to 28-11252 inclusive.		
			G- Used on PA-28-140 with serial numbers 28-25822 and up, PA-28-180 with serial numbers 28-5399 and up, and PA-28-235 with serial numbers 28-11253 to 28-7210033 inclusive.		
			H- Used on PA-28-180 with serial numbers 28-4378 to 28-5398 inclusive, PA-28-235 with serial numbers 28-11040 to 28-11252 inclusive, and PA-28-140 with serial numbers 28-25000 to 28-25821 inclusive.		
			J- Used on PA-28-180 with serial numbers 28-4378 to 28-5152 inclusive.		
			K- Used on PA-28-180 with serial numbers 28-5153 and up.		
			L- Used on PA-28-180 with serial numbers 28-4378 to 28-5152 inclusive, PA-28-235 with serial numbers 28-11040 to 28-11300 inclusive, and PA-28-140 with serial numbers 28-25000 and up.		
			M- Reference latest revision of Service Bulletin 940A on Throttle Actuated Gear Warning Horn Microswitch issue affecting PA-28R-180 aircraft with serial numbers 28R-30001 thru 28R-7130013 inclusive.		
			N- Reference latest revision to Service Letter 670A. Used in PA-28-140 aircraft with serial numbers 28-25001 to 28-6331 inclusive, 28-6401 to 28-26946 inclusive, 28-7125001 to 28-7125641 inclusive, and 28-7225001 to 28-7225373 inclusive.		
			W- These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.		

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
57B-33	18321-00	B,W	PLATE - Firewall seal	2	
-34	63915-21	B	DISC - Firewall seal	2	
-35	70371-02	W	FITTING - Swivel	1	
-36	70371-03	W	STUD - Swivel fitting	1	
-37	488 327	W	TERMINAL - (AN665-21R)	2	
-38	404 224	W	NUT - (AN315-3R)	4	
	407 043	W	WASHER - (MS35338-43)	4	
-39	400 674	W	SCREW - (AN23-12)	1	
	404 100	W	NUT - (AN310-3)	1	
	424 051	W	PIN - Cotter (MS24665-132)	1	
-40	690 612	W	WASHER - (NAS1149F0363P)	1	
	404 526	W	NUT - (MS21042-3)	1	
-41	400 057	C,D,W	BOLT - (AN3-11)	1	
	400 054	E,W	BOLT - (AN3-7)	1	
	95061-121	C,D	BUSHING - (O.D. .25 x I.D. .028 x L .157)	1	
	63900-78		BUSHING - (O.D. .312 x I.D. .205 x L .125)	1	
	62833-101		WASHER	1	
	690 612	C,D,W	WASHER - (NAS1149F0363P)	1	
	407 043	E,W	WASHER - (MS35338-43)	1	
	404 100	W	NUT- (AN310-3)	1	
	424 051	W	P/N - Cotter (MS24665-132)	1	
-42	22287-00	G,W	KNOB - Carburetor heat	1	
	66980-00	F	KNOB - Carburetor heat	1	
-43	69011-00	C	LUG - Control cable support bracket	2	
-44	69012-00	C	CLAMP - Control cable support attachment	2	
-45	69316-00	C	BRACKET - Engine controls	1	
-46	524 145	H	P/N - (MS20392-2C11)	2	
	690 609	H,W	WASHER - (NAS1149F0332P)	2	
	424 051	H,W	COTTERPIN - (MS24665-132)	2	
A- Used on PA-28-140 with serial numbers 28-2500 and up, PA-28-180 with serial numbers 28-4378 and up, and PA-28-235 with serial numbers 28-11040 to 28-7210033 inclusive. B- Used on PA-28-140 with serial numbers 28-25000 and up. PA-28-180 with serial numbers 28-4378 to 28-7305611 inclusive, and PA-28-235 with serial numbers 28-11040 to 28-7210033 inclusive. C- Used on PA-28-235 airplanes only. D- Used on PA-28-180 airplanes only. E- Used on PA-28-140 airplanes only. F- Used on PA-28-140 with serial numbers 28-26401 and up, PA-28-180 with serial numbers 28-5601 and up, and PA-28-235 with serial numbers 28-11301 to 28-7210033 inclusive. G- Used on PA-28-140 with serial numbers 28-25000 to 28-26400 inclusive, PA-28-180 with serial numbers 28-4378 to 28-5600 inclusive, and PA-28-235 with serial numbers 28-11040 to 28-11300 inclusive. H- Used on PA-28-140 with serial numbers 28-25000 and up, PA-28-180 with serial numbers 28-4937 and up, and PA-28-235 with serial numbers 28-11051 to 28-7210033 inclusive. W- These parts must be ordered from Service Spares Department, Piper Aircraft, Vero Beach, Florida.					

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
57B-47	68771-06		GASKET - Firewall, tachometer shaft	1	
	22103-03		PLATE - Firewall, tachometer shaft	2	
	68770-18		GROMMET - Firewall, tachometer shaft	2	
-48	400 674	B,W	SCREW - (AN23-12)	1	
	690 612	B,W	WASHER - (NAS1149F0363P)	1	
	404 100	B,W	NUT - (AN310-3)	1	
	424 051	B,W	COTTERPIN - (AN380-2-2)	1	
-49	99929-00	C	BRACKET - Throttle arm	1	
-50	24123-00	H,W	CLIP - Pin retainer	2	
-51	86092-82	H,W	PIN - Clevis terminal	2	
-52	67225-00		REATINER - Engine controls	1	
-53	404 392	E,G,W	NUT - (AN320-3)	1	
	404 100	F,W	NUT - (AN310-3)	1	
	424 051	W	COTTERPIN - (AN380-2-2)	1	
	690 612	D,W	WASHER - (NAS1149F0363P)	1	
-54	400 673	W	SCREW - (AN23-11)	1	
	63900-119		BUSHING	1	
	690 612	W	WASHER - (NAS1149F0363P)	1	
	404 100	W	NUT - (AN310-3)	1	
	424 051	W	PIN - Cotter (MS24665-132)	1	
-55	63900-119		BUSHING	1	
	404 526		NUT (MS21042-3)	2	
	690 612		WASHER (NAS1149F0363P)	2	
-56	400 055	W	BOLT - (AN3-10)	1	
	63900-119		BUSHING	1	
	63900-78		BUSHING	1	
	407 043	W	WASHER - (MS35338-43)	1	
	62833-101		WASHER	1	
	404 100	W	NUT - (AN310-3)	1	
	424 051	W	PIN - Cotter (MS24665-132)	1	
			A- Used on PA-28-140 with serial numbers 28-25-00 and up, PA-28-180 with serial numbers 28-4378 and up, and PA-28-235 with serial numbers 28-11040 to 28-7210033 inclusive,		
			B- Used on PA-28-140 with serial numbers 28-25822 and up, PA-28-180 with serial numbers 28-5399 and up. . and PA-28-235 with serial numbers 28-11253 to 28-7210033 inclusive,		
			C- Used on PA-28-140 airplanes only.		
			D- Used on PA-28-180 with serial numbers 28-4378 to 28-5398 inclusive, PA-28-235 with serial numbers 28-11040 to 28-11252 inclusive, and PA-28-140 with serial numbers 28-25000 to 28-25821 inclusive.		
			E- Used on PA-28-180 airplanes only.		
			F- Used on PA-28-180 with serial numbers 28-5153 and up.		
			G- Used on PA-28-235 airplanes only.		
			H- Used on PA-28-180 with serial numbers 28-4378 to 28-4936 inclusive, and PA-28-235 with serial numbers 28-11040 to 28-11050 inclusive.		
			W- These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.		

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

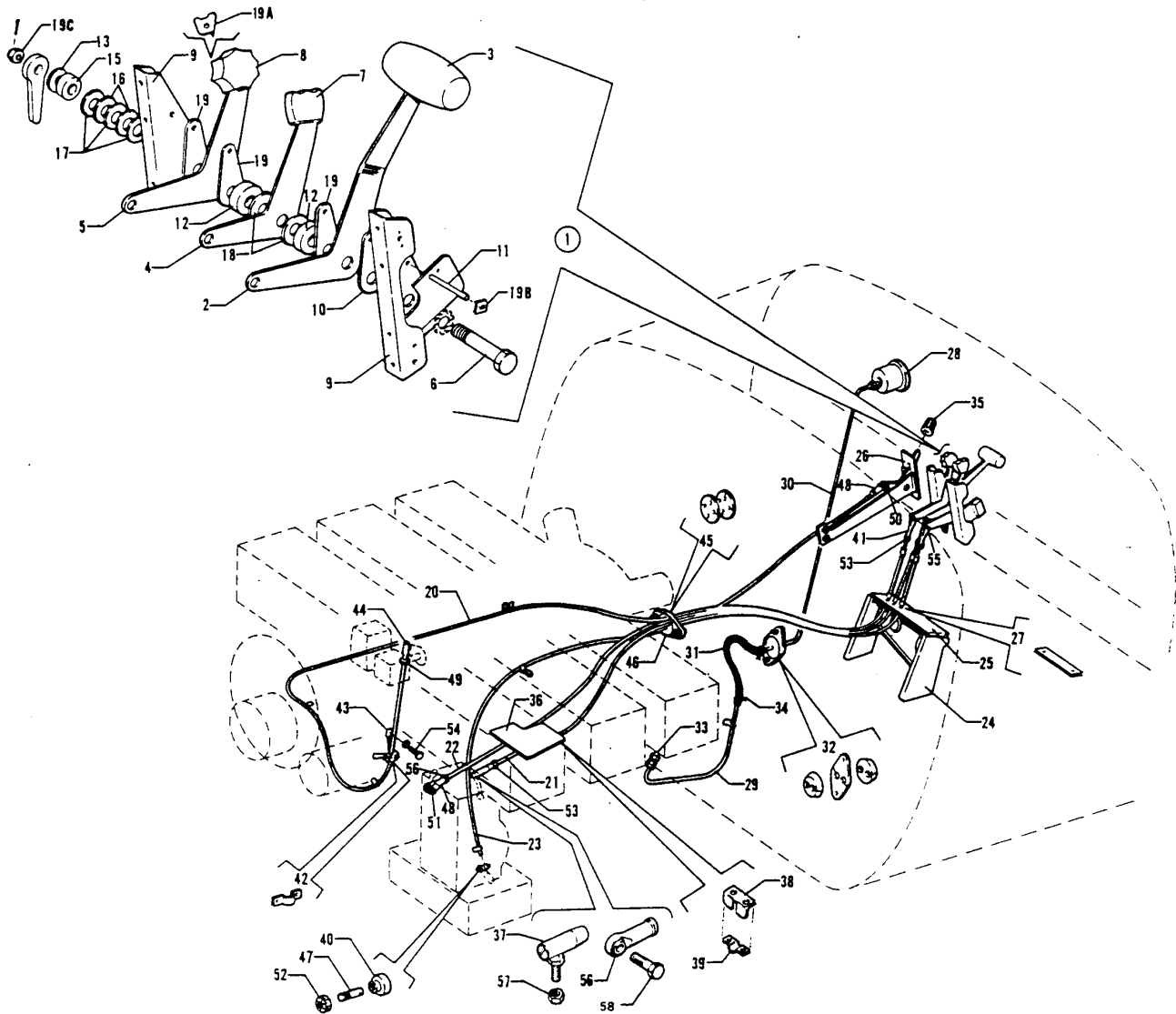


Figure 57C. Engine Controls Installation
(PA-28-235 - Serial Nos. 28-7310001 and up)

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
57C-	69263		DRAWING - Engine Controls Installation		
-1	67210-02		QUADRANT ASSEMBLY - Control	1	28-7310001 to 28-7410120 incl. 28-7510001 and up
	67210-04		QUADRANT ASSEMBLY- Control	1	
	67210-08		ACTUATOR ARM - Quad assembly	1	
-2	67223-00		*LEVER ASSEMBLY - Throttle	1	
-3	66979-00		**KNOB - Throttle lever (571 129)	1	
-4	67213-00		*LEVER - Propeller control	1	
-5	67214-00		*LEVER - Mixture control	1	
-6	400 749	A	*BOLT - (AN25-52)	1	
	400 171	B,W	*BOLT - (AN5-30)	1	
-7	24047-00	W	*KNOB - Propeller control (571 043)	1	
-8	24048-00	W	*KNOB - Mixture control (571 044)	1	
-9	6721 5-03		*BRACKET ASSEMBLY - Quadrant, left	1	
	6721 6-00		*BRACKET ASSEMBLY - Quadrant, right	1	
-10	672 18-00		*PLATE - Quadrant control, friction	2	
-11	67221-00		*PIN - Quadrant friction plate	1	
-12	68699-10		*SPACER - Quadrant control	2	
-13	62833-46		*WASHER - Quadrant adjusting (.032" L.)	1	28-7510001 and up
-14	66773-00		*HANDLE - Quadrant adjusting (2.72" L)	1	
	63039-04		*HANDLE - Quadrant adjusting (2.94" L)	1	
-15	66774-00		*CAM - Quadrant adjusting	1	
-16	408 815	W	*WASHER - (3502-18-04)	2	
-17	690 619	W	*WASHER - (NAS1149F0532P)	AR	
-18	62833-50		*WASHER - Quadrant control, friction	2	
-19	67218-02		*PLATE - Quadrant control, friction	2	
-19a	79473-00		*PLATE - Mixture control	1	
-19b	406 369	W	*NUT - (Tinnerman A1037-0120-3)	2	
-19c	404 394	W	*NUT - (AN320-5)	1	
	424 051	W	*COTTER PIN - (MS24665-132)	1	
-20	455 344		CONTROL ASSEMBLY - Governor (PS50146-13-11)	1	
-21	455 332		CONTROL ASSEMBLY - Mixture (PS50146-13-2)	1	
-22	455 333		CONTROL ASSEMBLY - Throttle cable (PS50146-13-5)	1	
-23	66836-04		CABLE ASSEMBLY - Carburetor heat	1	
-24	67206-02		SUPPORT ASSEMBLY - Engine controls	1	
-25	67224-03		*BRACKET ASSEMBLY - Engine controls	1	
-26	66835-00		CONTROL MOUNT- Carburetor heat	1	
-27	67225-00		RETAINER - Engine controls	1	
-28	751 118	W	GAUGE - Manifold pressure	1	
-29	65438-00		TUBE ASSEMBLY - Manifold pressure gauge	1	
-30	67700-41		TUBE ASSEMBLY - Manifold pressure gauge	1	
-31	63913-69		HOSE - Manifold pressure gauge	1	
-32	68771-08		GASKET - Firewall seal	1	
	68770-06		GROMMET - Firewall seal	2	
-33	460 685	W	CONNECTOR - (W/H 200 x 4)	1	
-34	454 983	W	CLAMP - (SAE 8)	2	
-35	66980-00		KNOB - Carburetor heat	1	
-36	69316-00		BRACKET - Engine controls	1	
-37	31747-00	W	JOINT ASSEMBLY- Ball	1	
-38	69011 -00		LUG - Control cable support bracket	2	
-39	69012-00		CLAMP - Control cable support attachment	2	
-40	70371-02	W	FITTING - Swivel	1	
-41	488 327	W	TERMINAL - (AN665-21R)	3	
-42	18219-02	W	CLAMP - Control cable bracket	1	
-43	69546-00		BRACKET ASSEMBLY - Control cable	1	
-44	31747-00	W	JOINT ASSEMBLY- Ball	1	
			A- Used if a 2.72" L quadrant adjusting handle is installed.		
			B- Used if a 2.94" L quadrant adjusting handle is installed.		
			W- These parts must be ordered from Service Spares Department. Piper Aircraft, Vero Beach, Florida.		

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
57C-45	63915-20		DISC - Firewall seal	2	
-46	18321-00	W	PLATE - Firewall seal	2	
-47	70371-03	W	STUD - Swivel fitting	1	
-48	554 757	W	CLEVIS - (RA-13-187-2C)	2	
-49	404 224	W	NUT - (AN315-3R)	1	
-50	400 674	W	SCREW - (AN23-12)	1	
	690 612	W	WASHER - (NAS1149F0363P)	2	
	404 100	W	NUT - (AN310-3)	1	
	424 051	W	COTTER PIN - (AN380-2-2)	1	
-51	400 674	W	SCREW - (AN23-12)	1	
	404 100	W	NUT - (AN310-3)	1	
	424 051	W	COTTER PIN - (AN380-2-2)	1	
-52	404 392	W	NUT - (AN320-3)	1	
	424 051	W	COTTER PIN - (AN380-2-2)	1	
-53	407 043	W	WASHER - (MS35338-43)	5	
	404 224	W	NUT - (AN315-3R)	5	
-54	418 420	W	SCREW - Cap (1/4-20NC-3 x 1 /2)	1	
	407 044	W	WASHER - (MS35338-44)	1	
-55	524 145		PIN - (MS20392-2C11)	3	
	690 609	W	WASHER - (NAS1149F0332P)	3	
	424 051	W	COTTER PIN - (MS24665-132)	3	
-56	452 606	W	BEARING - Rod end (PS10020-16-2)	1	
-57	63900-119		BUSHING	1	
	690 612	W	WASHER - (NAS1149F0363P)	1	
	404 526	W	NUT - (MS21042-3)	1	
-58	400 055	W	BOLT - (AN3-10)	1	
	63900-119		BUSHING - (O.D. .250 x I.D. .028 x L .150)	1	
	63900-78		BUSHING - (O.D. .312 x I.D. .206 x L ,125)	1	
	62833-103		WASHER - (O.D. .312 x I.D. .196)	1	
	62833-101		WASHER - (O.D. .562 x I.D. .191)	1	
	404 100	W	NUT - (AN310-3)	1	
	424 051	W	COTTER PIN - (MS24665-132)	1	
			W- These parts must be ordered from Service Spares Department, Piper Aircraft, Vero Beach, Florida		

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

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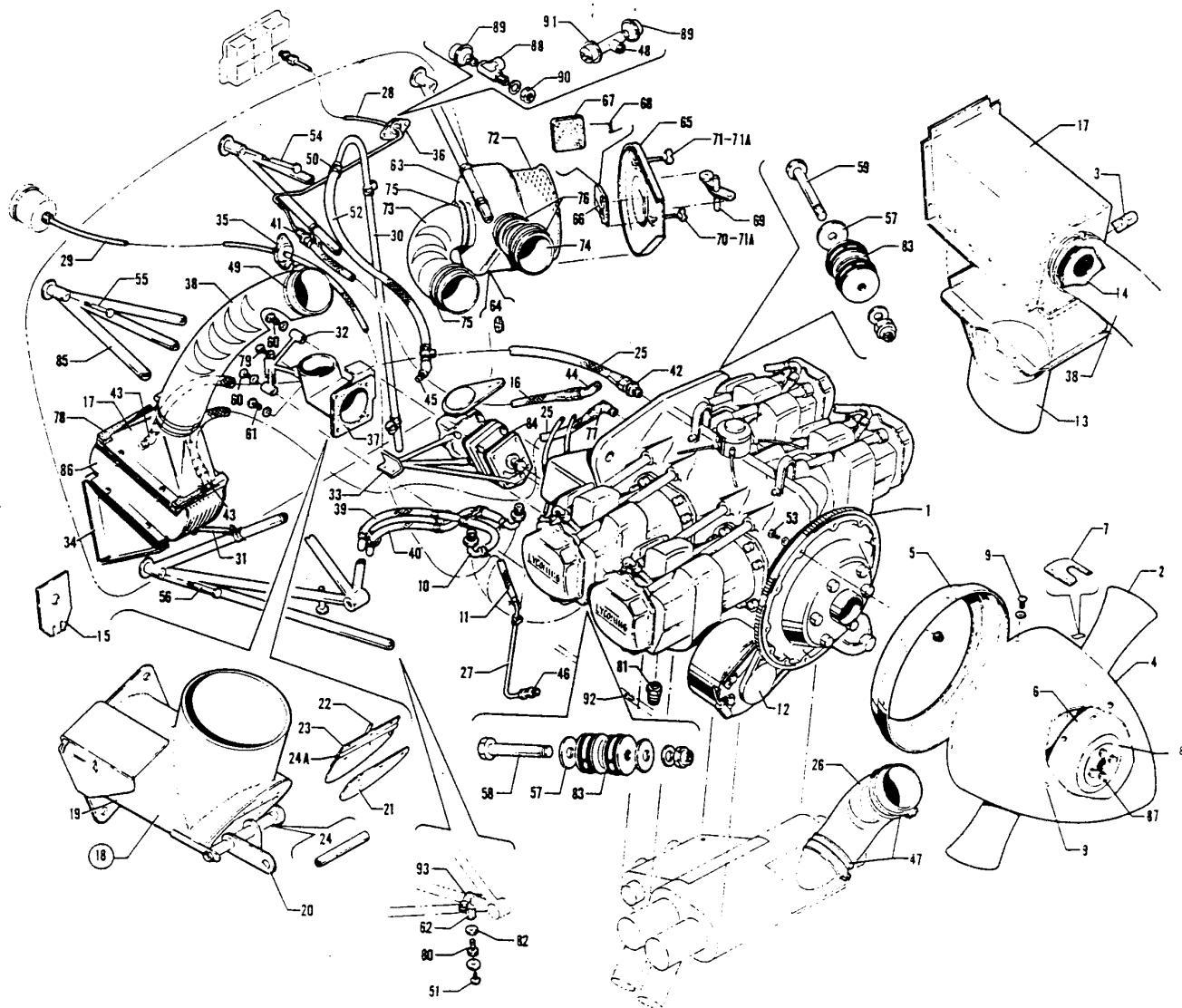


Figure 58. Power Plant Installation

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
58-	67009	A	DRAWING - Power Plant Installation		
	67800	B	DRAWING - Power Plant Installation		
-1		A,C	ENGINE - Lycoming (10-360 B1E)	1	
		B,C	ENGINE - Lycoming (10-360-C1C)	1	28R-30482, 28R-35001 to 23R-7635516 inclusive
		B,C	ENGINE - Lycoming (10-360-C1C6)	1	28R-7635517 and up
-2	550 934	A,E	PROPELLER ASSEMBLY - Hartzell (HC-2YK-1 BF/F7666A-0)	1	
	550 935	B,E	PROPELLER ASSEMBLY - Hartzell (HC-2YK-1 BF/F7666A-2)	1	28R-30482, 28R-35001 to 28R-7635516 inclusive
	550 974	B,H	PROPELLER ASSEMBLY - McCauley (B2D34C213/90DHA-16)	1	28R-7635517 and up
-3	67847-00	B	CLIP	1	
-4	67790-00	D	SPINNER SHELL - Propeller	1	
-5	67791 -00	D	BULKHEAD ASSEMBLY - Spinner aft	1	
-6	67793-00	D,J	BULKHEAD ASSEMBLY-Spinner forward	1	
	35827-02	B	BULKHEAD ASSEMBLY - Spinner forward	1	28R-7635517 and up
-7	67794-00	D	CUFF - Spinner.	2	
-8	99499-00	D,J	PLATE - Spinner		
-9	415 379	D	SCREW - (MS51958-63)	28	
	494 227	D	WASHER - Fiber (PS10063-2)	28	
-10	24995-00	W	VALVE ASSEMBLY - Drain	2	
-11	63913-26		HOSE - Flexible	1	
-12		K	ALTERNATOR INSTALLATION		
-13	67844-00	B	DUCT ASSEMBLY	1	
-14	67849-00	B	WINTERIZATION KIT ASSEMBLY - Oil cooler	1	
-15	67769-04	A	WINTERIZATION KIT ASSEMBLY - Oil cooler	1	
-16	63901-36		HOSE ASSEMBLY - Flexible	1	
-17	62985-00	A	ADAPTER ASSEMBLY - Oil radiator air	1	
	67845-00	B	PLENUM ASSEMBLY	1	
-18	67660-00	F	ADAPTER ASSEMBLY - Alternate air inlet and throttle bracket (without air gate)	1	
	99047-00	G,L	ADAPTER ASSEMBLY - Alternate air inlet and throttle bracket (with air gate)	1	
-19	67779-00	G	TUBE ASSEMBLY - Alternate air inlet	1	
-20	67777-00	G	LEVER ASSEMBLY - Alternate air inlet	1	
-21	67776-00	G	SEAL- Alternate air inlet	1	
		A-	Used on PA-28R- 180 airplanes only.		
		B-	Used on PA-28R-200 airplanes only.		
		C-	Secure from Lycoming Division-Avco Corporation, Williamsport, Penna.		
		D-	If existing spinner is constructed fiberglass, order Spinner Replacement Kit 760 410.		
		E-	See Figure 67B for component parts.		
		F-	Used on PA-28R-180 with serial numbers 28R-30005 to 28R-30481 inclusive, 28R-30483 to 28R-31279 inclusive, and PA-28R-200 with serial numbers 28R-30482, 28R-35001 to 28R-35830 inclusive.		
		G-	Used on PA-28R-180 with serial numbers 28R-7130001 and up, and PA-28R-200 with serial numbers 28R-7135001 and up.		
		H-	See Figure 67C for component parts,		
		J-	Used on PA-28R-180, and PA-28R-200 with serial numbers 28R-30482, 28R-35001 to 28R-7635516 inclusive.		
		K-	See Figure 71 for component parts if a Chrysler alternator is installed. See Figure 32A if a Prestolite alternator, with air conditioning, is installed.		
		L-	Reference latest revision to Service Bulletin 1118, which states that Alternate Air Inlet and Throttle Bracket With Air Gate (Part No. 99047-00) may have been delivered with incorrectly assembled components.		
		W-	These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.		

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
58-22	24582-00	E,W	• SPRING - Alternate air inlet	1	28R-7235001 and up
-23	23809-05	E,W	• HINGE - Half, alternate air inlet	1	
-24	63900-96	E	• BUSHING - Alternate air inlet	1	
-24a	23809-06	E,W	• PIN - Hinge	1	
-25	63901-43		HOSE ASSEMBLY - Oil cooler	2	
-26	63633-46	A,C	HOSE - Air duct	1	
	67876-00	B	HOSE - Air duct	1	
-27	62992-00	A	TUBE ASSEMBLY - Manifold pressure	1	
	36692-02	B	TUBE ASSEMBLY - Manifold pressure	1	
-28	67700-27	F	TUBE ASSEMBLY - Oil pressure	1	
	67700-89	B	TUBE ASSEMBLY - Oil pressure, forward	1	28R-7535001 and up
	67700-87	B	TUBE ASSEMBLY - Oil pressure, aft	1	28R-7535001 and up
-29	67700-29		TUBE ASSEMBLY - Manifold pressure gauge	1	28R-7435001 and up
-30	62980-00	D	TUBE - Engine breather	1	
	76434-00	B	TUBE - Engine Breather	1	
-31	67134-00	A	BRACKET SUPPORT - Oil cooler	1	28R-30005 to 28R-30478 incl.
-32	67605-00		BRACKET ASSEMBLY - Throttle control	1	
-33	68026-00		BRACKET ASSEMBLY - Governor support	1	
-34	62938-00	A	BRACKET- Oil radiator, left	1	
	62938-01	A	BRACKET- Oil radiator, right	1	
-35	68771-09		GASKET- Firewall	1	
	66789-00		PLATE - Firewall	2	
	68770-11		GROMMET - Firewall	2	
-36	22105-10	F,W	GASKET- Firewall	1	
	66789-00	F	PLATE - Firewall	2	
	68770-18	F	GROMMET - Firewall	2	28R-7235001 and up
-37	63684-04		GASKET - Vellumoid	1	
-38	63633-57	A	HOSE - Air duct	1	
	63633-63	B	HOSE - Air duct	1	
-39	69015-07	A	HOSE - Flexible	1	
-40	69015-06		HOSE- Flexible	1	
-41	491 055	W	UNION - (AN81 5-4)	1	
-42	476 688		NIPPLE - (AN81 6-8)	1	
-43	458 886	A,W	ELBOW - (AN823-8D) 45°	2	
	458 855	B	ELBOW - (AN823-8)	1	
-44	68778-00		ELBOW - Restricted 45°	1	28R-7235001 and up
-45	458 870		ELBOW - (AN844-10D) 45°	1	
-46	460 685	W	CONNECTOR - (200 x 4)	1	
-47	554 804	A,C,W	CLAMP - (H3-5800)	2	
	554 866	B	CLAMP - (SAE TY F-48SS)	1	
			A- Used on PA-28R-180 airplanes only.		
			B- Used on PA-28R-200 airplanes only.		
			C- Used on PA-28R-200 with serial numbers 28R-30482, 28R-35001 to 28R-7135238 inclusive.		
			D- Used on PA-28R-180 with serial numbers 28R-30005 to 28R-7130019 inclusive, and PA-28R-200 with serial numbers 28R-30482, 28R-35001 and up.		
			E- Used on PA-28R-180 with serial numbers 28R-7130001 and up, and PA-28R-200 with serial numbers 28R-7135001 and up.		
			F- Used on PA-28R-180 with serial numbers 28R-30005 to 28R-7130019 inclusive, and PA-28R-200 with serial numbers 28R-30482, 28R-35001 to 28R-7435331 inclusive		
			W- These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.		

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PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
58-48	588 469	B,E	TEE - (1/8 MMS-S)	1	28R-7535001 and up
-49	554 897		CLAMP - (SAE TY F-80)	2	
-50	454 837		CLAMP - (H-78000)	2	
-51	486 335		SCREW - (M35AS1032R-12C)	2	
	690 612	W	WASHER - (NAS1149F0363P)	2	
-52	63913-64		HOSE - Flexible	1	
-53	401 310	W	BOLT - (AN4-10A)	12	
	690 613	W	WASHER - (NAS1149F0432P)	12	
	404 530	W	NUT - (MS21042-4)	12	
-54	401 417		BOLT - (AN6-37A)	1	
	690 629	W	WASHER - (NAS1149F0663P)	1	
	404 532	W	NUT - (MS21042-6)	1	
-55	401 405	W	BOLT - (AN6-25A)	2	
	407 567	W	WASHER - (AN960-616)	2	
	404 532	W	NUT - (MS21042-6)	2	
-56	401 411		BOLT - (AN6-33A)	2	
	407 567	W	WASHER - (AN960-616)	2	
	404 532	W	NUT - (MS21042-6)	2	
-57	85012-101		WASHER - Engine mount	6	
-58	401 544		BOLT - (AN7-44A)	2	
	690 630	W	WASHER - (NAS1149F0763P)	2	
	404 891	W	NUT - (MS20365-720C)	2	
-59	401 543		BOLT - (AN7-43A)	2	
	690 630	W	WASHER - (NAS1149F0763P))	4	
	404 891	W	NUT - (MS20365-720C)	2	
-60	401 926	A	BOLT - Drilled head (MS20074-04-13)	2	28R-30005 to 28R-30478 incl.
	401 919	A,B,W	BOLT - (MS20074-04-04)	2	28R-30479 and up
	408 051	A,W	WASHER - Lock (MS35333-40)	2	28R-30005 to 28R-30478 incl.
	690 611	A,B,W	WASHER - (NAS1149F0463P)	2	28R-30479 and up
-61	401 920	A	BOLT - Drilled head (MS20074-04-05)	1	28R-30005 to 28R-30478 incl.
	401 919	A,B,W	BOLT - (MS20074-04-04)	1	28R-30479 and up
	408 051	A,W	WASHER - Lock (MS35330-40)	1	28R-30005 to 28R-30478 incl.
	690 611	A,B,W	WASHER - (NAS1149F0463P))	1	28R-30479 and up
-62	67724-00		MOUNT ASSEMBLY - Cowl support	2	
-63	67616-00		BOX ASSEMBLY - Air filter	1	
-64	484 342	W	*RECEPTACLE - (212-12D)	3	
-65	67615-00	C	COVER ASSEMBLY - Air filter box and alternate air inlet	1	
	67745-00	D	COVER ASSEMBLY - Air filter box	1	
-66	23809-07	C	* DOOR ASSEMBLY - Alternate air inlet	1	
-67	23809-04	C,W	* * GASKET - Rubber sponge	1	
-68	24582-00	C,W	* * SPRING - Alternate air inlet door	1	
-69	69074-00	C	* LEVER ASSEMBLY - Alternate air inlet	1	
-70	487 724	W	* STUD - (2600-123W)	1	
-71	487 723	W	* STUD - (2600-114W)	2	
-71 a	494 060	W	*WASHER - (2600-LW)	3	
			A- Used on PA-28R-180 airplanes only. B- Used on PA-28R-200 airplanes only. C- Used on PA-28R-180 with serial numbers 28R-30005 to 28R-30481 inclusive, 28R-30483 to 28R-31 279 inclusive, and PA-28R-200 with serial numbers 28R-30482, 28R-35001 to 28R-35830 inclusive. D- Used on PA-28R-180 with serial numbers 28R-7130001 and up, and PA-28R-200 with serial numbers 28R-7135001 and up E- Used if engine hour meter is installed. W- These parts must be ordered from Service Spares DepartmentPiper Aircraft, Vero Beach, Florida.		

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
58-72	89309-00	W	FILTER - Air	1	
-73	99849-06		HOSE - Air filter box	1	
-74	99849-07		HOSE - Air filter box	1	
-75	554 803		CLAMP - (H3-3800)	2	
-76	554 804	W	CLAMP - (H3-5800)	2	
-77	458 855		ELBOW - (AN823-8)	1	
-78	67667-00	A	SEAL ASSEMBLY - Oil radiator	1	
	67829-00	B	SEAL ASSEMBLY - Oil radiator	2	
-79	401 928	A	BOLT - Drilled head (MS20774-04-15)	1	28R-30005 to 28R-30478 incl.
	401 919	A,B,W	BOLT- (MS20074-04-04)	1	28R-30479 and up
	408 051	A,W	WASHER - (MS35330-40)	1	28R-30005 to 28R-30478 incl.
	690 611	A,B,W	WASHER - (NAS1149F0463P)	1	28R-30479 and up
-80	67725-02		BOLT - Cowl support adjusting	2	
-81	756 517	C	VALVE ASSEMBLY - Oil drain (BJ1000-AH4S)	1	
	61879-02	D,W	VALVE ASSEMBLY - Oil drain	1	
	492 172	B	VALVE ASSEMBLY - Oil drain (1H50-1)	1	
-82	406 669		NUT - (9RF51624)	2	
-83	475 124		MOUNT- Engine(J-9613-40)	4	
-84	66634-04		GOVERNOR- Propeller	1	
-85	67119-49	E	MOUNT ASSEMBLY - Engine and nose gear strut	1	28R-7435001 and up
	67119-57	B	MOUNT ASSEMBLY - Engine and nose gear strut	1	28R-7235001 to 28R-7335455 inclusive
	67119-58		MOUNT ASSEMBLY - Engine and nose gear strut	1	
-86	18622-00	A,W	OIL RADIATOR	1	
	67848-00	B	OIL RADIATOR	1	
-87	401 301	D	BOLT - (AN4H3A)	4	
	690 611	D,W	WASHER - (NAS1149F0463P)	8	
-88	79038-00	B	TEE - Bulkhead fitting	1	28R-7535001 and up
-89	587 961	B	SWITCH - (M4011-35)	1	28R-7535001 and up
-90	690 626	B,W	WASHER - (NAS1149F0732P)	1	28R-7535001 and up
	477 629	B,W	NUT - (AN924-4)	1	28R-7535001 and up
-91	587 990	B,F	SWITCH - (M-4006-4)	1	28R-7535001 and up
-92	87369-26	B	PLACARD - Caution, oil drain valve	2	
-93	554 918		CLAMP - Cowl support mount (MS27405-T6)	2	
			A- Used on PA-28R-180 airplanes only.		
			B- Used on PA-28R-200 airplanes only. Reference latest revision to Service Letter 910. Assure proper oil quick drain valve, Piper Part No. 492 172, is installed.		
			C- Used on PA-28R-180 with serial numbers 28R-30006 to 28R-30458 inclusive, 30460 to 30462 inclusive, 30465, 30466, 30469, 30471 to 30476 inclusive, 30478 to 30480 inclusive, 30483, 30484, 30490, 30491, 30493, 30495, 30496, 30498 to 30500 inclusive, 30502 to 30509 inclusive, and 30511 to 30516 inclusive, 30607 and 30613.		
			D- Used on PA-28R-180 with serial numbers 28R-30459, 28R-30463, 30464, 30467, 30468, 30470, 30477, 30481, 30485 to 30489 inclusive, 30608 to 30612 inclusive, and 30614 and up.		
			E- Used on PA-28R-180 with serial numbers 28R-30005 to 28R-7130019 inclusive, and PA-28R-200 with serial numbers 28R-30482, 28R-35001 to 28R-7135238 inclusive.		
			F- Used if engine hour meter is installed.		
			W- These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.		

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

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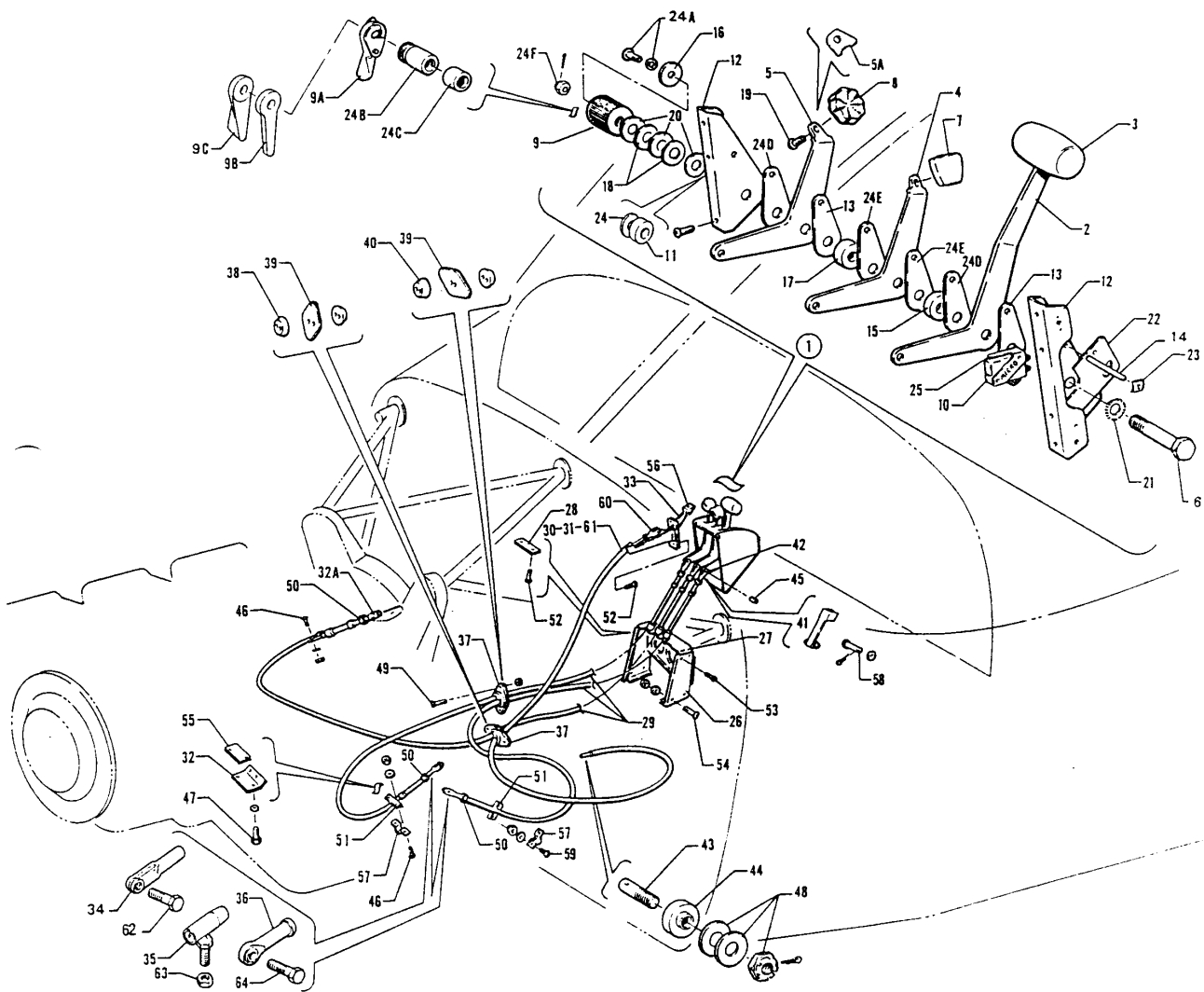


Figure 59. Engine Controls Installation

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
59-	67017	A	DRAWING - Engine Controls Installation		
	67834	B	DRAWING - Engine Controls Installation		
- 1	67210-00	H	QUADRANT ASSEMBLY - Control	1	28R-7535001 and up
	67210-03	B	QUADRANT ASSEMBLY - Control	1	
-2	67223-03	J	* LEVER ASSEMBLY - Throttle	1	
-3	66979-00		* * KNOB - Throttle lever (571 129)	1	
-4	67213-00		* LEVER - Propeller control	1	
-5	67214-00		* LEVER - Mixture control	1	
-5a	79473-00	B	* PLATE - Mixture control	1	28R-7535001 and up
-6	67217-00	D	* SHAFT - Quadrant	1	
	418 457	E	* SCREW - Cap (MS35291-42)	1	
	400 749	F	* BOLT - (AN25-52)	1	
	400 171	G,W	* BOLT - (AN5-30)	1	
-7	24047-00	W	* KNOB - Propeller control (571 043)	1	
-8	24048-00	W	* KNOB - Mixture control (571 044)	1	
-9	67220-00		* KNOB - Quadrant adjusting	1	
-9a	24358-00	W	* HANDLE ASSEMBLY - Quadrant adjusting (2.75" L)	1	
-9b	66773-00		* HANDLE - Quadrant adjusting (2.72" L)	1	
-9c	63039-04		* HANDLE - Quadrant adjusting (2.94" L)	1	
-10	487 925	W	* SWITCH - Quadrant control (V3-1)	1	
-11	66774-00	F,G	* CAM - Quadrant adjusting	1	
-12	67215-00	D,E	* BRACKET ASSEMBLY - Quadrant, left	1	
	67215-03	F, G	* BRACKET ASSEMBLY - Quadrant, left	1	
	67216-00		* BRACKET ASSEMBLY - Quadrant, right	1	
-13	67218-00		* PLATE - Quadrant control, friction	2	
-14	67221-00		* PIN - Quadrant friction plate	1	
-15	68699-02		* SPACER - Quadrant control (.28" thick)	1	
	68699-06		* SPACER - Quadrant control (.432" thick)	1	
	68699-10		* SPACER - Quadrant control (.400" thick)	1	
-16	68699-03	D	* SPACER - Quadrant control (.040" thick)	1	
-17	68699-04	D	* SPACER - Quadrant control (.39" thick)	1	
	68699-06	C	* SPACER - Quadrant control (.432" thick)	1	
	68699-10	C	* SPACER - Quadrant control (.400" thick)	1	
-18	408 815	W	* WASHER - (3502-18-04)	2	
-19	415 448	W	* SCREW - (AN526-832R6)	2	
-20	690 619	W	* WASHER - (NAS1149F0532P)	AR	
-21	408 045	D,W	* WASHER - (MS35333-41)	1	
-22	67729-00		* MOUNT - Gear warning switch	1	
-23	406 369	W	* NUT - (Tinnerman A1037-012-3))	2	
-24	62833-46	F,G	* WASHER - (.032" thick)	1	
			A- Used on PA-28R-180 airplanes only.		
			B- Used on PA-28R-200 airplanes only.		
			C- Used if a quadrant adjusting handle (not knob) is installed.		
			D- Used if a quadrant adjusting knob (P/N 67220-00) is installed.		
			E- Used if a 2.75" L quadrant adjusting handle assembly (P/N 24358-00) is installed.		
			F- Used if a 2.72" L quadrant adjusting handle (P/N 66773-00) is installed.		
			G- Used if a 2.94" L quadrant adjusting handle (P/N 63039-04) is installed.		
			H- Used on PA-28R-180 with serial numbers 28R-30005 to 28R-7130019 inclusive, and PA-28R-200 with serial numbers 28R- 30482, 28R-35001 to 28R-7435331 incl.		
			J- Reference latest revision of Service Bulletin 940A on Throttle Actuated Gear Warning Horn Microswitch issue affecting PA-28R-200 aircraft with serial numbers 28R-35001 thru 28R-7635545 inclusive.		
			W- These parts must be ordered from Service Spares Department, Piper Aircraft, Vero Beach, Florida.		

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

PIPER PARTS CATALOG

PIPER PARTS CATALOG						
Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED	
59-24a	415 148	D,W	* SCREW- (AN526-632R6)	1	28R-30005 to 28R-30199 incl.	
	407 041	D,W	* WASHER - (MS35338-41)	1		
-24b	24357-00	E,W	* NUT - Quadrant adjusting	1		
-24c	62714-04		* BEARING - Quadrants control (3/8" O.D.)	1		
	63900-121		* BEARING - Quadrant control (7/16" O.D.)	1		
-24d	67218-00		* PLATE - Quadrant control, friction (.031" thick)	2		
	67218-02		* PLATE - Quadrant control, friction (.062" thick)	2		
-24e	67218-00		* PLATE - Quadrant control, friction	2		
	62833-50		* WASHER - Quadrant control, friction	2		
-24f	404 394	H,J,W	* NUT - (AN320-5)	1		
	424 051	H,J,W	* COTTER PI N - (MS24665-132)	1		
-25	461 164	A	FOLLOWER - Quadrant control (JV-1)	1		
-26	67206-00	F	SUPPORT ASSEMBLY - Engine control	1		
	67206-02	G	SUPPORT ASSEMBLY - Engine control	1		
-27	67224-00	F	* BRACKET ASSEMBLY - Engine controls	1		
	67224-03	G	* BRACKET ASSEMBLY - Engine controls	1		
-28	67225-00		RETAINER - Engine controls	1		
-29	455 322		CONTROL ASSEMBLY - Push-pull (PS50146-13-10)	3		
-30	67657-02	C	WIRE - Alternate air control	1		
-31	67658-02	C	HOUSING - Alternate air control	1		
-32	67659-00	A	BRACKET- Engine controls	1		
	67804-00	B	BRACKET	1		
-32a	31747-00	W	JOINT ASSEMBLY - Ball, spring type (469 141)	1		
			A- Used on PA-28R-180 airplanes only.			
			B- Used on PA-28R-200 airplanes only.			
			C- Used on PA-28R-180 with serial numbers 28R-30005 to 28R-30481 inclusive, 28R-30483 to 28R-31092 inclusive, and PA-28R-200 with serial numbers 28R-30482, 28R-35001 to 28R-35225 inclusive.			
			D- Used if a quadrant adjusting knob (P/N 67220-00) is installed.			
			E- Used if a 2.75" L quadrant adjusting handle assembly (P/N 24358-00) is installed.			
			F- Used on PA-28R-180 with serial numbers 28R-30005 to 28R-30481 inclusive, 28R-30483 to 28R-31250 inclusive, and PA-28R-200 with serial numbers 28R-30482, 28R-35001 to 28R-35600 inclusive.			
			G- Used on PA-28R-180 with serial numbers 28R-31251 and up, and PA-28R-200 with serial numbers 28R-35601 and up.			
			H- Used if a 2.72" Quadrant adjusting handle (P/N 66773-00) is installed.			
			J- Used if a 2.94" L quadrant adjusting handle (P/N 63039-04) is installed.			
			W- These parts must be ordered from Service Spares Department Piper Aircraft Local Haven, Penna			

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
59-33	69282-00	C	CONTROL MOUNT - Alternate air	1	
	66635-00	E	CONTROL MOUNT - Alternate air	1	
	66835-00	D	CONTROL MOUNT - Alternate air	1	
-34	554 757	W	CLEVIS - (MS35812-1)	2	
-35	31747-00	W	JOINT ASSEMBLY - Ball, spring type (469 141)	2	
-36	452 606	W	BEARING - Rod end (PS10020-16-2)	2	
-37	66789-00		PLATE - Firewall seal	4	
-38	68770-07		GROMMET - Firewall (463 413)	2	
-39	68771-12		GASKET - Firewall seal	2	
-40	68770-08		GROMMET - Firewall seal (463 418)	2	
-41	24123-00	F,W	TERMINAL - Clevis tie rod	3	
-42	488 327	W	TERMINAL - (AN665-21R)	3	
-43	70371-03	W	STUD - Alternate air	1	
-44	70371-02	W	FITTING - Swivel, alternate air	1	
-45	86092-82	F,W	PIN - Clevis tie rod	3	
-46	415 631		SCREW - (MS35206-331)	6	
	690 616	W	WASHER - (NAS1149FN832P)	6	
	404 529	W	NUT - (MS21042-08)	6	
-47	418 351	A	SCREW - Cap (1/4-20 NC3 x 1"L)	2	
	407 044	A,W	WASHER - (MS35338-44)	2	
-48	690 612	W	WASHER - (NAS1149F0363P)	1	
	690 609	W	WASHER - (NAS1149F0332P)	2	
	404 392	W	NUT - (AN320-3)	1	
	424 051	W	PIN - Cotter (AN380-2-2)	1	
-49	415 448	W	SCREW - (AN526-832R6)	4	
	404 529	W	NUT - (MS21042-08)	4	
-50	404 224	W	NUT - (AN315-3R)	7	
	407 043	W	WASHER - (MS35338-43)	7	
-51	18132-02	A,W	LUG - Control cable	2	
	18132-00	B,W	LUG - Control cable	2	
A- Used on PA-28R-180 airplanes only B- Used on PA-28R-200 airplanes only. C- Used on PA-28R-180 with serial I numbers 28R-30005 to 28R-30481 inclusive, 28R-30483 to 28R-30878 inclusive D- Used on PA-28R-180 with serial number 28R-31093 and up, end PA-28R-200 with serial number 28R-35226 and up, E- Used on PA-28R-180 with serial number 28R-30879 to 28R-31092 inclusive, and PA-28R-200 with serial number 28R-30482, 28R-35001 to 28R-35225 inclusive. F- Used on PA-28R-180 with serial numbers 28R-30005 to 28R-30481 inclusive, 28R-30483 to 28R-30736 inclusive. W. These parts must be ordered from Service Spares Department, Piper Aircraft, Vero Beach, Florida.					

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
59-52	415 754	W	SCREW- (AN515-8R8)	11	
-53	415 753	W	SCREW - (AN515-8R7)	4	
-54	415 753	W	SCREW - (AN51 5-8R7)	2	
	690 616	W	WASHER - (NAS1149FN832P)	2	
	404 529	W	NUT - (MS21042-08)	2	
-55	67664-00	B	SPACER - Engine control bracket	1	
-56	22287-00	C,W	KNOB - Alternate air control	1	
	66980-00	D	KNOB - Alternate air control	1	
-57	18219-02	B,W	CLAMP - Control cable	2	
	18219-00	H,W	CLAMP - Control cable	2	
-58	524 145	G	PIN - (MS20392-2C11)	3	
	690 609	G,W	WASHER - (NAS1149F0332P)	3	
	424 051	G,W	COTTER PIN - (MS24665-132)	3	
-59	415 537	W	SCREW - (MS35206-247)	2	
	690 616	W	WASHER - (NAS1149FN832P)	2	
	409 910	W	NUT - (MS20365-832C)	2	
-60	554 757	A,W	CLEVIS - (RA-13-187-2C)	1	
-61	66836-02	E	CABLE ASSEMBLY - Alternate air	1	
	554 130	F	CABLE ASSEMBLY - Alternate air (PS50146-1-1)	1	
-62	400 674	W	SCREW - (AN23-12)	2	
	404 100	W	NUT - (AN310-3)	2	
	424 051	W	COTTER PIN - (MS24665-132)	2	
-63	690 612	W	WASHER - (NAS1149FN363P)	2	
	404 526	W	NUT - (MS21042-3)	2	
-64	400 056	W	BOLT - Mixture control (AN3-11)	1	
	63900-78		BUSHING	2	
	62833-101		WASHER	2	
	407 043	W	WASHER - (MS35338-43)	2	
	690 612	W	WASHER - (NAS1149F0363P)	2	
	404 100	W	NUT- (AN310-3)	2	
	424 051	W	COTTER PIN - (MS24665-132)	2	
			A- Used on PA-28R-180 with serial numbers 28R-31093 and up, and PA-28R-200 with serial numbers 28R-35226 and up.		
			B- Used on PA-28R-180 airplanes only.		
			C- Used on PA-28R-180 with serial numbers 28R-30005 to 28R-30481 inclusive, 28R-30483 to 28R-31250 inclusive, and PA-28R-200 with serial numbers 28R-30482, 28R-35001 to 28R-35600 inclusive.		
			D- Used on PA-28R-180 with serial numbers 28R-31251 and up, and PA-28R-200 with serial numbers 28R-35601 and up.		
			E- Used on PA-28R-180 with serial numbers 28R-31093 to 28R-31279 inclusive, and PA-28R-200 with serial numbers 28R-35226 to 28R-35830 inclusive.		
			F- Used on PA-28R-180 with serial numbers 28R-7130001 and up, and PA-28R-200 with serial numbers 28R-7135001 and up.		
			G- Used on PA-28R-180 with serial numbers 28R-30737 and up, and PA-28R-200 with serial numbers 28R-30482, 28R-25001 and up.		
			H- Used on PA-28R-200 airplanes only.		
			W- These parts must be ordered from Service Spares Department Piper Aircraft, Vero Beach, Florida.		

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

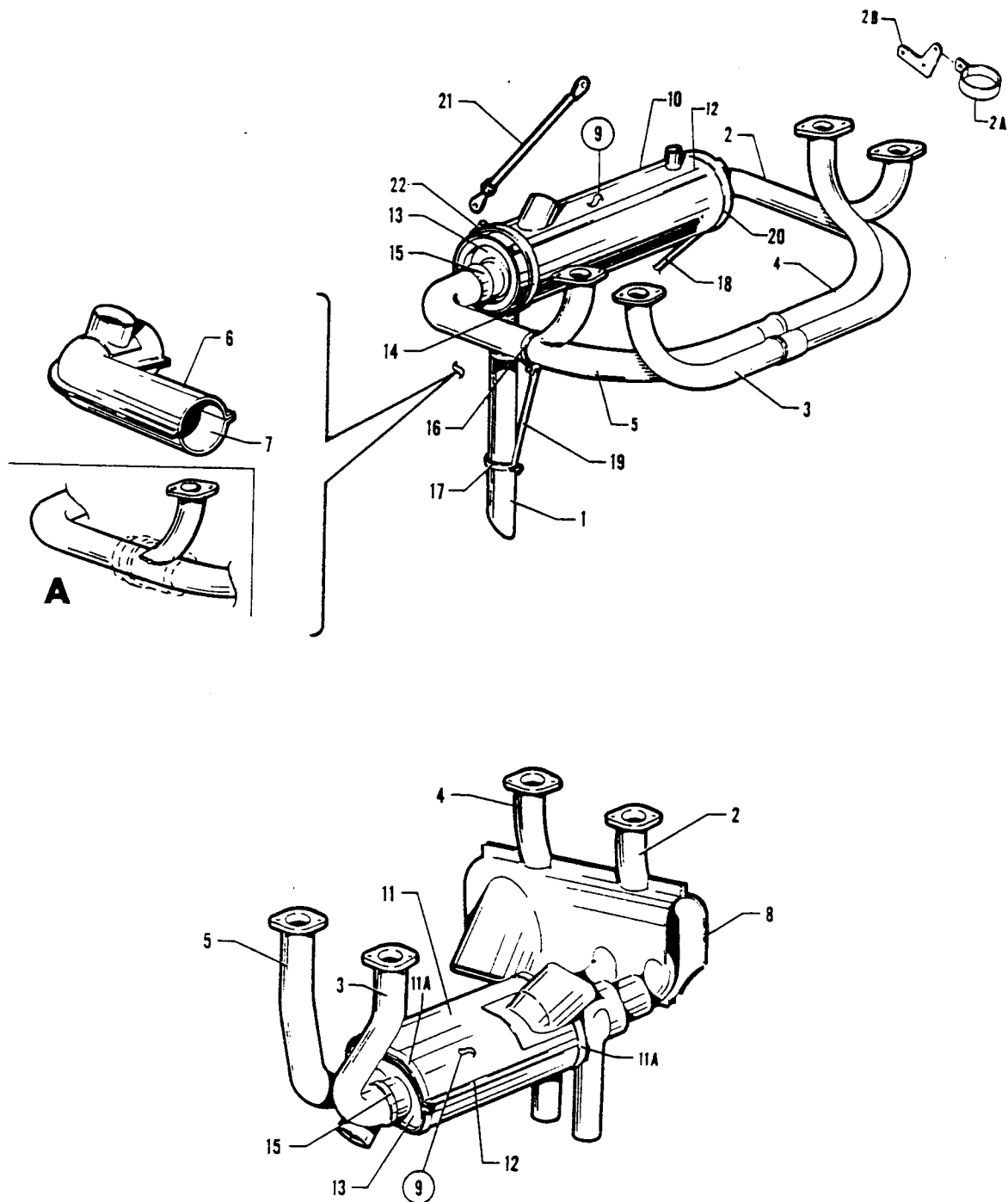


Figure 60. Engine Exhaust System Installation

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
60-	63622		DRAWING - Power Plant Installation		28-1 to 28-507 inclusive
	63689	B	DRAWING - Power Plant Installation		28-508 to 28-1760 inclusive
	63689	A	DRAWING - Power Plant Installation		28-20002 to 28-21095 incl.
	65616	A	DRAWING - Power Plant Installation		28-21096 to 28-24999 incl.
	66680	A	DRAWING - Power Plant Installation		28-25000 to 28-7125471 incl.
	99516	A	DRAWING - Power Plant Installation		28-7125472 and up
	62892	B	DRAWING - Exhaust System Installation		28-1761 and up
-1	63666-02	A	TAIL PIPE - Exhaust	1	28-20002 and up
	63666-02	B	TAIL PIPE - Exhaust	1	28-1 to 28-1760 inclusive
-2	63726-02	B,C	STACK ASSEMBLY - Front cylinder, left	1	28-1 to 28-1760 inclusive
	63726-02	A	STACK ASSEMBLY - Front cylinder, left	1	28-20002 to 28-7125471 inclusive
	99044-05	A	STACK ASSEMBLY - Front cylinder, left	1	28-7125472 and up
	62892-03	B	STACK ASSEMBLY - Front cylinder, left	1	28-1761 and up
-2a	35655-02	B	CLAMP - Stack assembly support	1	
-2b	35656-02	B	LINK - Stack assembly support	1	
-3	63726-04	B,C	STACK ASSEMBLY - Front cylinder, right	1	28-1 to 28-1760 inclusive
	63726-04	A	STACK ASSEMBLY - Front cylinder, right	1	28-20002 to 28-7125471 incl.
	99044-02	A	STACK ASSEMBLY - Front cylinder, right	1	28-7125472 and up
	62230-00	B	STACK ASSEMBLY - Front cylinder, right	1	28-1761 and up
-4	99044-03	B,C	STACK ASSEMBLY - Rear cylinder, left	1	28-1 to 28-1760 inclusive
	99044-03	A	STACK ASSEMBLY - Rear cylinder, left	1	28-20002 and up
	62231-00	B	STACK ASSEMBLY - Rear cylinder, left	1	28-1761 and up
-5	99044-04	B,C	STACK ASSEMBLY - Rear cylinder, right	1	28-1 to 28-1760 inclusive
	99044-04	A	STACK ASSEMBLY - Rear cylinder, right	1	28-20002 and up
	62232-00	B	STACK ASSEMBLY - Rear cylinder, right	1	28-1761 and up
-6	63705-02	D,F	SHROUD ASSEMBLY - Top	1	
	63723-03	E	SHROUD ASSEMBLY - Top	1	
	63723-03	A	SHROUD ASSEMBLY - Top	1	28-20002 and up
-7	63705-03	D,F	SHROUD ASSEMBLY - Bottom	1	
	63723-02	E	SHROUD ASSEMBLY - Bottom	1	
	63723-02	A	SHROUD ASSEMBLY - Bottom	1	28-20002 and up
-8	62981-06	B	SHROUD ASSEMBLY - Left	1	28-1761 and up
	62981-07	B	SHROUD ASSEMBLY - Right	1	28-1761 and up
			A- Used on PA-28-140 airplanes only. B- Used on PA-28-1 50, PA-28-1 60 and PA-28-1 80 airplanes only. C- If airplane presently has a one piece stack, order both left and right stacks. D- Used on PA-28 airplanes with serial numbers 28-1 to 28-670, 28-678, 679, 681, 685, 690, 691, 693, 697, 706 and 707. E- Used on PA-28 airplanes with serial numbers 28-671 to 28-677, 28-680, 682 to 684, 686 to 689, 692, 694 to 696, 698 to 705, 708 to 1760 inclusive. F- If present stack does not incorporate a welded shroud as shown in Sketch "A" on illustration, order P/N 63723-02 bottom of 63723-03 top.		

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

PA-28-140
PA-28-150
PA-28-160
PA-28-180

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
60-9	63652-04	A	MUFFLER ASSEMBLY - Complete	1	28-1 to 28-1520 inclusive
	63652-05	B	MUFFLER ASSEMBLY - Complete	1	28-671 to 28-1520 inclusive
	62208-04	A	MUFFLER ASSEMBLY - Complete	1	28-1521 to 28-1760 inclusive
	62208-05	B	MUFFLER ASSEMBLY - Complete	1	28-1521 to 28-1760 inclusive
	62208-04	C	MUFFLER ASSEMBLY - Complete	1	28-20002 to 28-24999 inclusive
	66704-00	C	MUFFLER ASSEMBLY - Complete	1	28-25000 to 28-26400 inclusive
	66906-00	C	MUFFLER ASSEMBLY - Complete	1	28-26401 to 28-26956 inclusive
	66906-02	C	MUFFLER ASSEMBLY - Complete	1	28-7125001 and up
	63237-00	A,B	MUFFLER ASSEMBLY - Complete	1	28-1761 to 28-3077 inclusive
	65540-00	A,B	MUFFLER ASSEMBLY - Complete	1	28-3078 to 28-7205091 inclusive
-10	65540-02	B	MUFFLER ASSEMBLY - Complete	1	28-7205092 and up
	63652-02	A,B	SHROUD ASSEMBLY - Muffler, complete	1	28-1 to 28-1520 inclusive
	62208-02	A,B	SHROUD ASSEMBLY - Muffler, complete	1	28-1521 to 28-1760 inclusive
	62208-02	C	SHROUD ASSEMBLY - Muffler, complete	1	28-20002 to 28-24999 inclusive
	66704-02	C	SHROUD ASSEMBLY - Muffler, complete	1	28-25000 and up
-11	63237-04	A,B	SHROUD ASSEMBLY - Muffler, top	1	28-1761 to 28-3077 inclusive
	65542-00	A,B	SHROUD ASSEMBLY - Muffler, top	1	28-3078 to 28-7205091 inclusive
	99568-00	B	SHROUD ASSEMBLY - Muffler, top	1	28-7205092 and up
	63237-05	A,B	SHROUD ASSEMBLY - Muffler; bottom	1	28-1761 to 28-3077 inclusive
	65543-00	A,B	SHROUD ASSEMBLY - Muffler, bottom	1	28-3078 and up
-11a	554 848	A,B,W	CLAMP - Shroud (SAE TY F-96SS)	2	28-3078 and up
-12	10430-00	A,B,W	CLIP - Muffler shroud	1	
	63712-00	A,B	CLIP - Muffler shroud (18-1/2")	1	
	63712-00	C	CLIP - Muffler shroud (18")	1	28-20002 and up
	63089-00	A,B	CLIP - Muffler shroud	2	28-1761 to 28-3077 inclusive
	99482-00	D	MUFFLER ASSEMBLY	1	
-13	99482-02	B	MUFFLER ASSEMBLY	1	28-671 to 28-1760 inclusive
	66894-00	A,B	MUFFLER ASSEMBLY - Front	1	28-1761 to 28-3077 inclusive
	66894-02	A,B	MUFFLER ASSEMBLY - Rear	1	28-1761 to 28-3077 inclusive
	66894-03	B	MUFFLER ASSEMBLY	2	28-3078 and up
	14235-00	A,B,W	CLAMP - Tail pipe attachment	1	28-1 to 28-1760 inclusive
-14	14235-00	C,W	CLAMP - Tail pipe attachment	1	28-20002 and up
	65442-03	A,B	CLAMP ASSEMBLY - Exhaust stack	2	28-1 to 28-1760 inclusive
-15	65442-03	C	CLAMP ASSEMBLY - Exhaust stack	2	28-20002 and up
	63243-02	A,B	CLAMP ASSEMBLY - Exhaust stack	2	28-1761 and up
	63642-02	A	CLAMP - Tail pipe support	1	28-1 to 28-670 inclusive
-16	63735-00	A,B	CLAMP - Tail pipe support	1	28-671 to 28-1760 inclusive
	63735-00	C	CLAMP - Tail pipe support	1	28-20002 and up
	63642-03	A,B	CLAMP - Tail pipe support	2	28-1 to 28-1760 inclusive
-17	63642-03	C	CLAMP - Tail pipe support	2	28-20002 and up
			A- Used on PA-28-150 and PA-28-160 airplanes only B- Used on PA-28-180 airplanes only C- Used PA-28-140 airplanes only D- Used on PA-28-150 and PA-28-160 with serial numbers 28-1 to 28-1760 inclusive, and PA-28-140 airplanes W- These parts must be ordered from Service Spares Department Piper Aircraft, Local Haven, Penna.		

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

PA-28-140
PA-28-150
PA-28-160
PA-28-180

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
60-18	63645-00	A,B	SUPPORT - Tail pipe	1	28-1 to 28-1760 inclusive
	63645-00	C	SUPPORT - Tail pipe	1	28-20002 and up
-19	63646-00	A	SUPPORT - Tail pipe	1	28-1 to 28-670 inclusive
	63591-00	A,B	SUPPORT - Tail pipe	1	28-671 to 28-1760 inclusive
	63591-00	C	SUPPORT - Tail pipe	1	28-20002 and up
-20	66847-00	A,B	CLAMP - Muffler shroud	1	28-1 to 28-1760 inclusive
	66847-00	C	CLAMP - Muffler shroud	1	28-20002 and up
-21	63704-00	A	SUPPORT ASSEMBLY - Muffler	2	28-508 to 28-670 inclusive
-22	554 848	C,W	CLAMP - Muffler shroud (SAE TY F-96SS)	1	28-23135 and up
A- Used on PA-28-150 and PA-28-160 airplanes only. B- Used on PA-28-180 airplanes only. C- Used on PA-28-140 airplanes only. W- These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna..					

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

PA-28-140
PA-28-150
PA-28-160
PA-28-180

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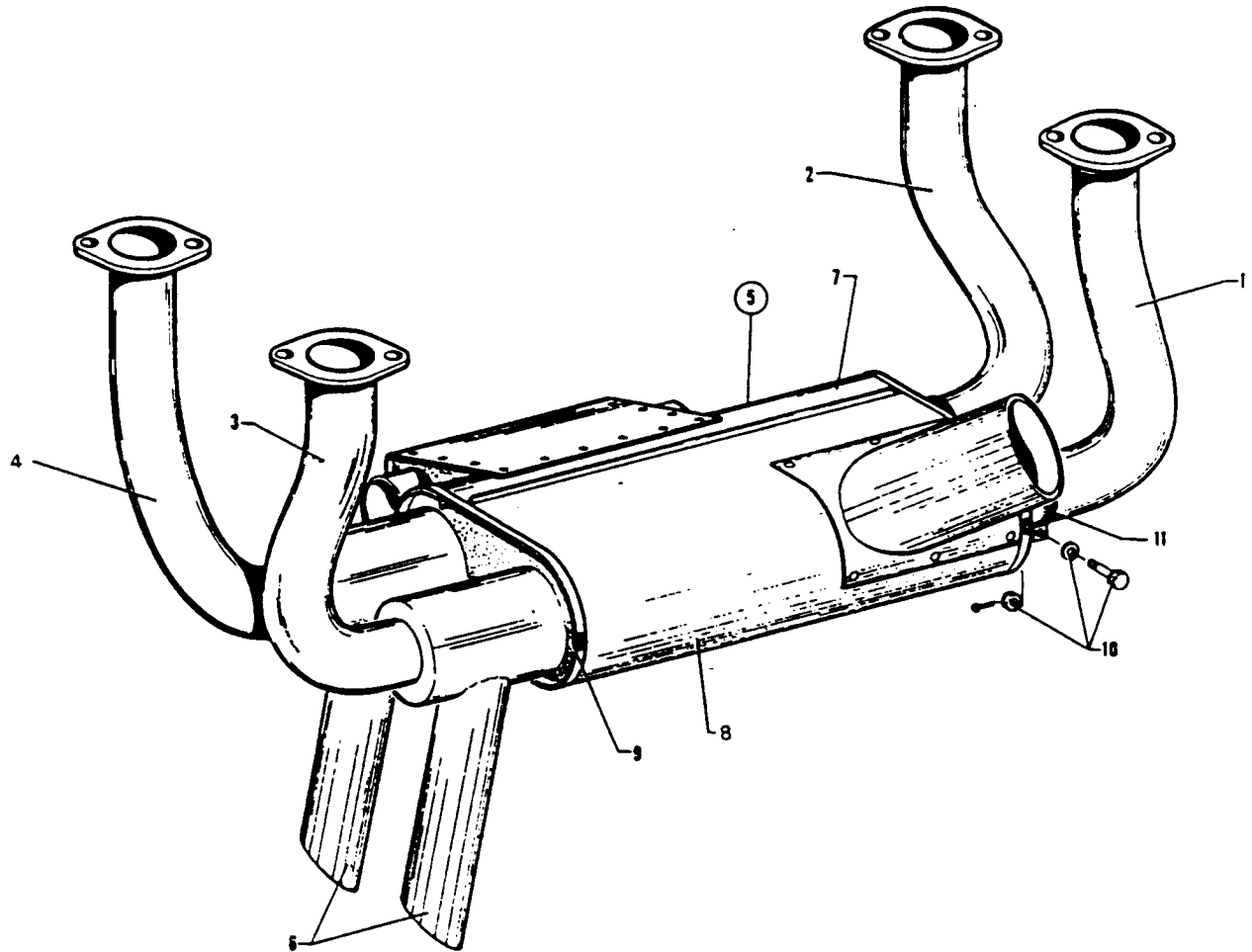


Figure 61, Engine Exhaust System Installation

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
61-	67642 67814 99603	A C B	DRAWING - Exhaust System Installation DRAWING - Exhaust System Installation DRAWING - Exhaust System Installation		28R-7235001 and up
-1	67617-00 67810-00	A B	STACK ASSEMBLY Left front STACK ASSEMBLY - Left front	1 1	
-2	67618-00 67811-00	A B	STACK ASSEMBLY - Left rear STACK ASSEMBLY - Left rear	1 1	
-3	67619 00 67809-00	A B	STACK ASSEMBLY - Right front STACK ASSEMBLY - Right front	1 1	
-4	67620-00 67812-00	A B	STACK ASSEMBLY - Right rear STACK ASSEMBLY - Right rear	1 1	
-5	67643-00 99601-00	A,C B	MUFFLER ASSEMBLY - Complete MUFFLER ASSEMBLY - Complete	1 1	28R-7235001 and up
-6	67517-00	D	MUFFLER ASSEMBLY	2	
-7	67808-00		SHROUD ASSEMBLY - Muffler, bottom	1	
-8	67651-00 99600-00	A,C,D B	SHROUD ASSEMBLY - Muffler, top SHROUD ASSEMBLY - Muffler, top	1 1	28R-7235001 and up
-9	67652 00		TAB - Muffler	4	
-10	400 103 690 611 404 101 424 051	W W W W	BOLT- (AN4-6) WASHER - (NAS1149F0463P) NUT - (AN310-4) PIN - Cotter (AN380-2-2)	2 4 2 2	
-11	63243-02		CLAMP ASSEMBLY - Exhaust stack	2	
A- Used on PA-28R-180 airplanes only, B- Used on PA-28R-200 airplanes only, C- Used on PA-28R-200 with serial numbers 28R-30482, 28R-35001 to 28R-7135238 inclusive. D- Reference latest revision to Service Bulletin 691a on muffler inspection. W- These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna					

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

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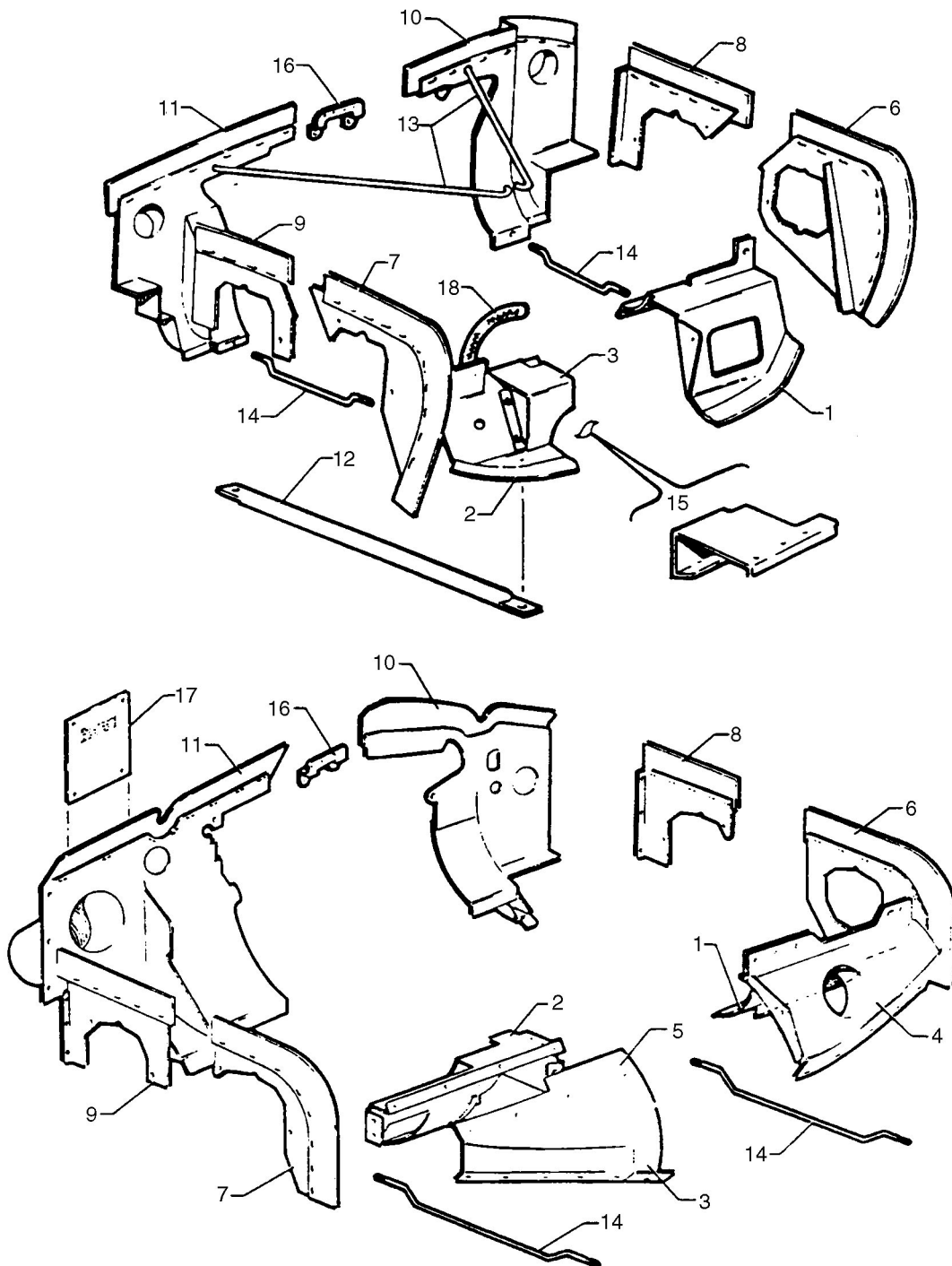


Figure 62. Engine Baffle Installation

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
62-	63622	B	DRAWING - Power Plant Installation		28-1 to 28-507 inclusive
	63689	B,C	DRAWING - Power Plant Installation		28-508 to 28-1760 inclusive
	63689	A	DRAWING - Power Plant Installation		28-20002 to 28-21095 incl.
	65616	A	DRAWING - Power Plant Installation		28-21096 to 28-24999 incl.
	66680	A	DRAWING - Power Plant Installation		28-25000 to 28-7125471 incl.
	99516	A	DRAWING - Power Plant Installation		28-7125472 and up
	62986	B,C	DRAWING - Engine Baffle Installation		28-1761 and up
-1	63610-00	B	BAFFLE ASSEMBLY - Left front, complete	1	28-1 to 28-1760 inclusive
	63707-00	C	BAFFLE ASSEMBLY - Left front, complete	1	28-671 to 28-1760 inclusive
	63610-00	A	BAFFLE ASSEMBLY - Left front, complete	1	28-20002 to 28-21095 incl.
	63441-00	B	BAFFLE ASSEMBLY - Left front, complete	1	28-1761 and up
	63244-00	C	BAFFLE ASSEMBLY - Left front, complete	1	28-1761 to 28-7205091 incl.
	63244-02	C	BAFFLE ASSEMBLY - Left front, less fairing	1	28-7205092 and up
	65480-00	A	BAFFLE ASSEMBLY - Left front, complete	1	28-21096 to 28-7125471 incl.
	99225-00	A	BAFFLE ASSEMBLY - Left front, complete	1	28-7125472 and up
-2	63611-00	B,D	BAFFLE ASSEMBLY - Right front	1	28-1 to 28-507 inclusive
	63693-00	B,C	BAFFLE ASSEMBLY - Right front	1	28-508 to 28-1760 inclusive
	63693-03	C	BAFFLE ASSEMBLY - Right front	1	28-671 to 28-1760 inclusive
	63693-00	A	BAFFLE ASSEMBLY - Right front	1	28-20002 to 28-7125471 incl.
	99221-00	A	BAFFLE ASSEMBLY - Right front	1	28-7125472 and up
	63433-00	B	BAFFLE ASSEMBLY - Right front	1	28-1761 and up
	62396-00	C	BAFFLE ASSEMBLY - Right front	1	28-1761 to 28-7205091 incl.
	99577-00	C	BAFFLE ASSEMBLY - Right front	1	28-7205092 and up
-3	63609-00	B,D	COVER ASSEMBLY - Right front baffle	1	28-1 to 28-507 inclusive
	99771-00	C	COVER ASSEMBLY - Right front baffle	1	28-7205092 and up
-4	99578-00	C	FAIRING ASSEMBLY - Left front baffle	1	28-7205092 and up
-5	63431-00	B	FAIRING ASSEMBLY - Right front baffle	1	28-1761 and up
	62393-00	C	FAIRING ASSEMBLY - Right front baffle	1	28-1761 to 28-7205091 incl.
	99573-00	C	FAIRING ASSEMBLY - Right front baffle	1	28-7205092 and up
-6	63613-00	B,C	BAFFLE ASSEMBLY - Left side, front	1	28-1 to 28-1760 inclusive
	63613-00	A	BAFFLE ASSEMBLY - Left side, front	1	28-20002 and up
	63093-00	B,C	BAFFLE ASSEMBLY - Left side, front	1	28-1761 and up
-7	63612-00	B	BAFFLE ASSEMBLY - Right side, front	1	28-1 to 28-507 inclusive
	63612-06	B,C	BAFFLE ASSEMBLY - Right side, front	1	28-508 to 28-1410 inclusive
	63612-09	B,C	BAFFLE ASSEMBLY - Right side, front	1	28-1411 to 28-1760 incl.
	63612-11	A	BAFFLE ASSEMBLY - Right side, front	1	28-20002 and up
	63092-00	B,C	BAFFLE ASSEMBLY - Right side, front	1	28-1761 and up
-8	63614-00	B,C	BAFFLE ASSEMBLY - Left side, rear	1	28-1 to 28-1410 inclusive
	63614-05	B,C	BAFFLE ASSEMBLY - Left side, rear	1	28-1411 to 28-1760 incl.
	63614-05	A	BAFFLE ASSEMBLY - Left side, rear	1	28-20002 and up
	62233-00	B,C	BAFFLE ASSEMBLY - Left side, rear	1	28-1761 and up
-9	63615-00	B,C	BAFFLE ASSEMBLY - Right side, rear	1	28-1 to 28-1410 inclusive
	63615-04	B,C	BAFFLE ASSEMBLY - Right side, rear	1	28-1411 to 28-1760 incl.
	63615-04	A	BAFFLE ASSEMBLY - Right side, rear	1	28-20002 and up
	62234-00	B,C	BAFFLE ASSEMBLY - Right side, rear	1	28-1761 and up
			A- Used on PA-28-140 airplanes only B- Used on PA-28-150 and PA-28-160 airplanes only. C- Used on PA-28-180 airplanes only. D- Used when generator is installed.		

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
62-10	63617-00	B,E	BAFFLE ASSEMBLY - Left rear	1	28-1 to 28-220 inclusive
	63617-08	B	BAFFLE ASSEMBLY - Left rear	1	28-221 to 28-670 inclusive
	63617-11	B,D	BAFFLE ASSEMBLY - Left rear	1	28-725 to 28-1410 inclusive
	63617-14	B, D	BAFFLE ASSEMBLY - Left rear	1	28-1411 to 28-1520 inclusive
	63617-15	B	BAFFLE ASSEMBLY - Left rear	1	28-1521 to 28-1760 inclusive
	63617-15	A	BAFFLE ASSEMBLY - Left rear	1	28-20002 to 28-24999 inclusive
	66722-00	A	BAFFLE ASSEMBLY - Left rear	1	28-25000 and up
	63706-00	C	BAFFLE ASSEMBLY - Left rear	1	28-671 to 28-1410 inclusive
	63706-08	C	BAFFLE ASSEMBLY - Left rear	1	28-1411 to 28-1520 inclusive
	63706-09	C	BAFFLE ASSEMBLY - Left rear	1	28-1521 to 28-1760 inclusive
	63427-00	B	BAFFLE ASSEMBLY - Left rear	1	28-1761 and up
	62387-00	C	BAFFLE ASSEMBLY - Left rear	1	28-1761 to 28-5149 inclusive
	62387-07	C	BAFFLE ASSEMBLY - Left rear	1	28-5150 and up
-11	63616-00	B,E,D	BAFFLE ASSEMBLY - Right rear	1	28-1 to 28-220 inclusive
	63616-09	B,D	BAFFLE ASSEMBLY - Right rear	1	28-221 to 28-670 inclusive
	63745-00	B,D	BAFFLE ASSEMBLY - Right rear	1	28-725 to 28-1410 inclusive
	63745-04	B,D	BAFFLE ASSEMBLY - Right rear	1	28-1411 to 28-1520 inclusive
	63616-09	B	BAFFLE ASSEMBLY - Right rear	1	28-1521 to 28-1760 inclusive
	63616-09	A	BAFFLE ASSEMBLY - Right rear	1	28-20002 to 28-24999 inclusive
	66677-00	A	BAFFLE ASSEMBLY - Right rear	1	28-25000 and up
	63709-05	C,D	BAFFLE ASSEMBLY - Right rear	1	28-671 to 28-1410 inclusive
	63709-08	C,D	BAFFLE ASSEMBLY - Right rear	1	28-1411 to 28-1520 inclusive
	63709-00	C	BAFFLE ASSEMBLY - Right rear	1	28-1521 to 28-1760 inclusive
	63430-00	B	BAFFLE ASSEMBLY - Right rear	1	28-1761 and up
	62383-00	C	BAFFLE ASSEMBLY - Right rear	1	28-1761 to 28-5149 inclusive
-12	62383-03	C	BAFFLE ASSEMBLY - Right rear	1	28-5150 and up
	63621-00	B	BRACE - Engine to front baffle (12.75")	1	28-1 to 28-507 inclusive
	63621-02	B,C	BRACE - Engine to front baffle (13.75")	1	28-508 to 28-1760 inclusive
	63621-02	A	BRACE - Engine to front baffle (13.75")	1	28-20002 to 28-7125471 inclusive
	67796-00	A,F	BRACE - Engine to front baffle (12.78")	1	28-7125472 and up
-13	63716-00	B,C	STAY - Rear baffle	2	28-508 to 28-1760 inclusive
	63716-00	A	STAY - Rear baffle	2	28-20002 and up
-14	87392-02	W	TIE ROD - Engine baffle	2	
-15	63699-00	B	BRACKET ASSEMBLY - Baffle	1	28-508 to 28-1760 inclusive
	63699-03	C	BRACKET ASSEMBLY - Baffle	1	28-671 to 28-1760 inclusive
	63699-00	A	BRACKET ASSEMBLY - Baffle	1	28-20002 to 28-7125471 inclusive
-16	63605-00		BRACKET - Rear baffle reinforcement	1	
-17	63492-00	B	CLOSURE ASSEMBLY - Winterization plate	1	28-1761 and up
	63492-00	C	CLOSURE ASSEMBLY - Winterization plate	1	28-1761 to 28-5149 inclusive
	67769-00	C	CLOSURE ASSEMBLY - Winterization plate	1	28-5150 and up
-18	63633-04	B	HOSE - Generator air	1	28-1 to 28-507 inclusive
			A- Used on PA-28-140 airplanes only. B- Used on PA-28-150 and PA-28-160 airplanes only. C- Used on PA-28-180 airplanes only. D- If Fuel Cooling Kit 756 807, 756 808 or 756 809 has been installed, order part for serial numbers 28-1521 to 28-1760 inclusive. E- If Kit 754 428 has been installed, order part for serial numbers 28-221 to 28-670 inclusive. F- Refer to Figure 32A if air conditioning is installed. W- These parts must be ordered from Service Spares Department, Piper Aircraft, Local Haven, Penna.		

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

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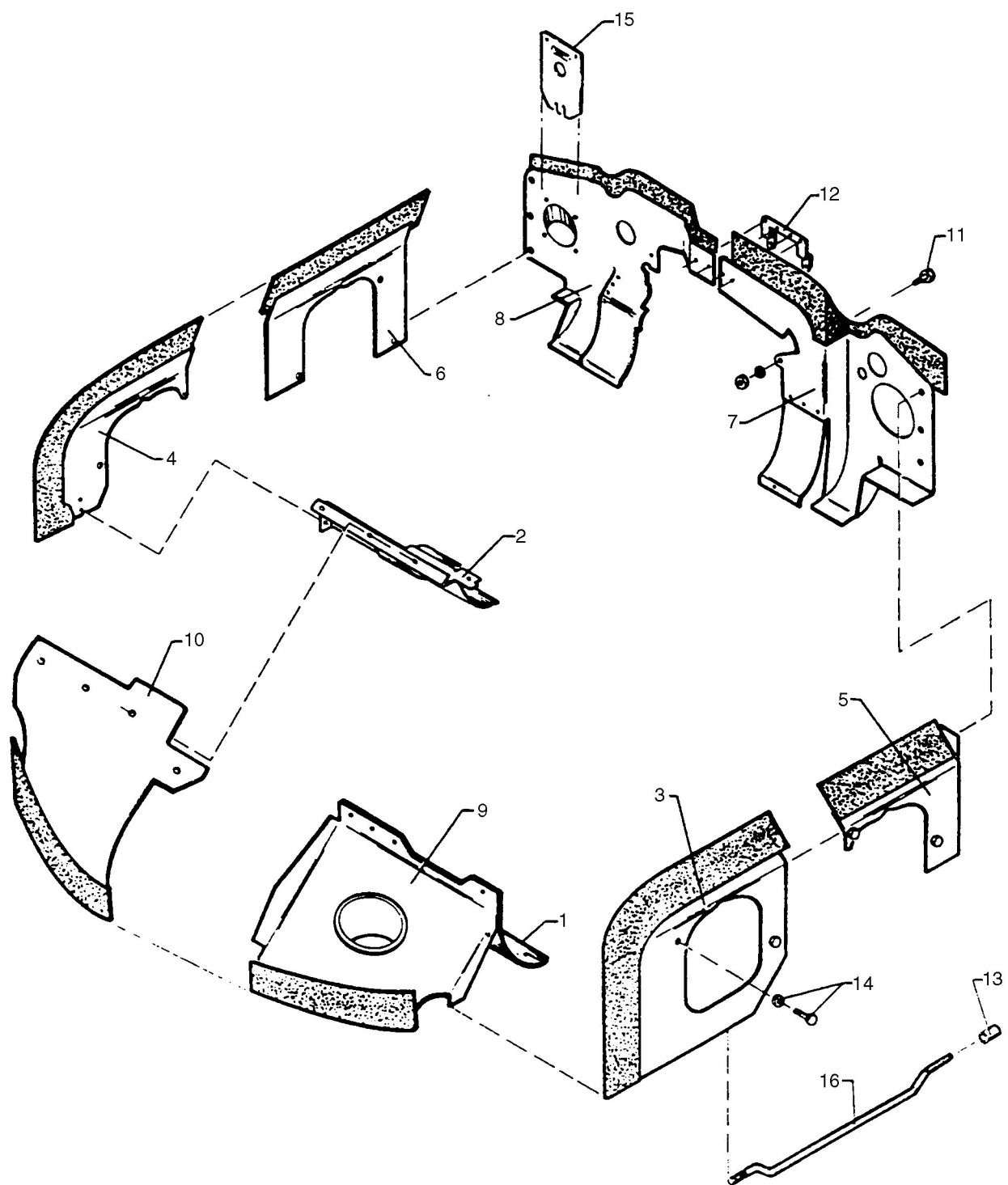


Figure 63. Engine Baffle Installation

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
63	67238	A	DRAWING - Engine Baffle Installation		
	67803	B	DRAWING - Engine Baffle Installation		
-1	67634-00	A	BAFFLE ASSEMBLY - Left front (complete)	1	
	67816-00	C,D	BAFFLE ASSEMBLY - Left front (complete)	1	
	99792-00	B	BAFFLE ASSEMBLY - Left front	1	28R-7235001 and up
-2	67622-00	A	BAFFLE ASSEMBLY - Right front	1	
	67828-00	C	BAFFLE ASSEMBLY - Right front	1	
	99595-00	B	BAFFLE ASSEMBLY - Right front	1	28R-7235001 and up
-3	67632-00	A	BAFFLE ASSEMBLY - Left side front	1	
	67830-00	B	BAFFLE ASSEMBLY - Left side front	1	
-4	67631-00	A	BAFFLE ASSEMBLY - Right side front	1	
	67822-00	B	BAFFLE ASSEMBLY - Right side front	1	
-5	67630-00	A	BAFFLE ASSEMBLY - Left side rear	1	
	67831-00	B	BAFFLE ASSEMBLY - Left side rear	1	
-6	67629-00	A	BAFFLE ASSEMBLY - Right side rear	1	
	67823-00	B	BAFFLE ASSEMBLY - Right side rear	1	
-7	67638-00	A	BAFFLE ASSEMBLY - Left rear	1	28R-30005 to 28R-30399 incl..
	67638-05	A	BAFFLE ASSEMBLY - Left rear	1	28R-30400 and up
	67825-00	B	BAFFLE ASSEMBLY - Left rear	1	
-8	62383-03	A	BAFFLE ASSEMBLY - Right rear	1	
	67824-00	B	BAFFLE ASSEMBLY - Right rear	1	
-9	99589-00	B	FAIRING ASSEMBLY - Left front baffle	1	28R-7235001 and up
-10	67628-00	A	FAIRING ASSEMBLY - Right front baffle	1	
	67817-00	C	FAIRING ASSEMBLY - Right front baffle	1	
	99594-00	B	FAIRING ASSEMBLY - Right front baffle	1	28R-7235001 and up
-11	400 002	W	BOLT - (AN4-5A)	1	
	690 613	W	WASHER- (NAS1149F0432P)	1	
	404 530	W	NUT - (MS21042-4)	1	
-12	63605-00		BRACKET - Rear baffle reinforcement	1	
-13	63900-14	A	BUSHING - Baffle tie rod	2	
-14	418 420	A,W	SCREW - Cap (1/4-20 NC3 x 1/2)	11	
	418 420	B,W	SCREW -Cap (1/4-20 NC3 x 1/2)	7	
	418 351	B	SCREW -Cap (1/4-20 NC3 x 1)	4	
	690 611	W	WASHER- (NAS1149F0463P)	11	
	408 051	W	WASHER - Lock (MS35333-40)	11	
-15	67769-04	A	CLOSURE ASSEMBLY - Winterization plate	1	
-16	87392-02	W	TIE ROD - Engine baffle	2	
			A- Used on PA-28R-180 airplane only.		
			B- Used on PA-28R-200 airplanes only,		
			C- Used on PA-28R-200 with serial numbers 28R-30482, 28R-35001 to 28R-7135238 inclusive.		
			D- Reference Service Letter 587 for Engine Baffle Modification information using Kit No. 760 558v on the PA-28R-200 Cherokee Arrow with serial numbers 28R-30482, 28R-35001 to 28R-35392 inclusive, 28R-35601 to 28R-36820 inclusive and 28R-7135001 to 28R-7135235 inclusive.		
			W- These parts must be ordered from Service Spares Department, Piper Aircraft, Vero Beach, Florida.		

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

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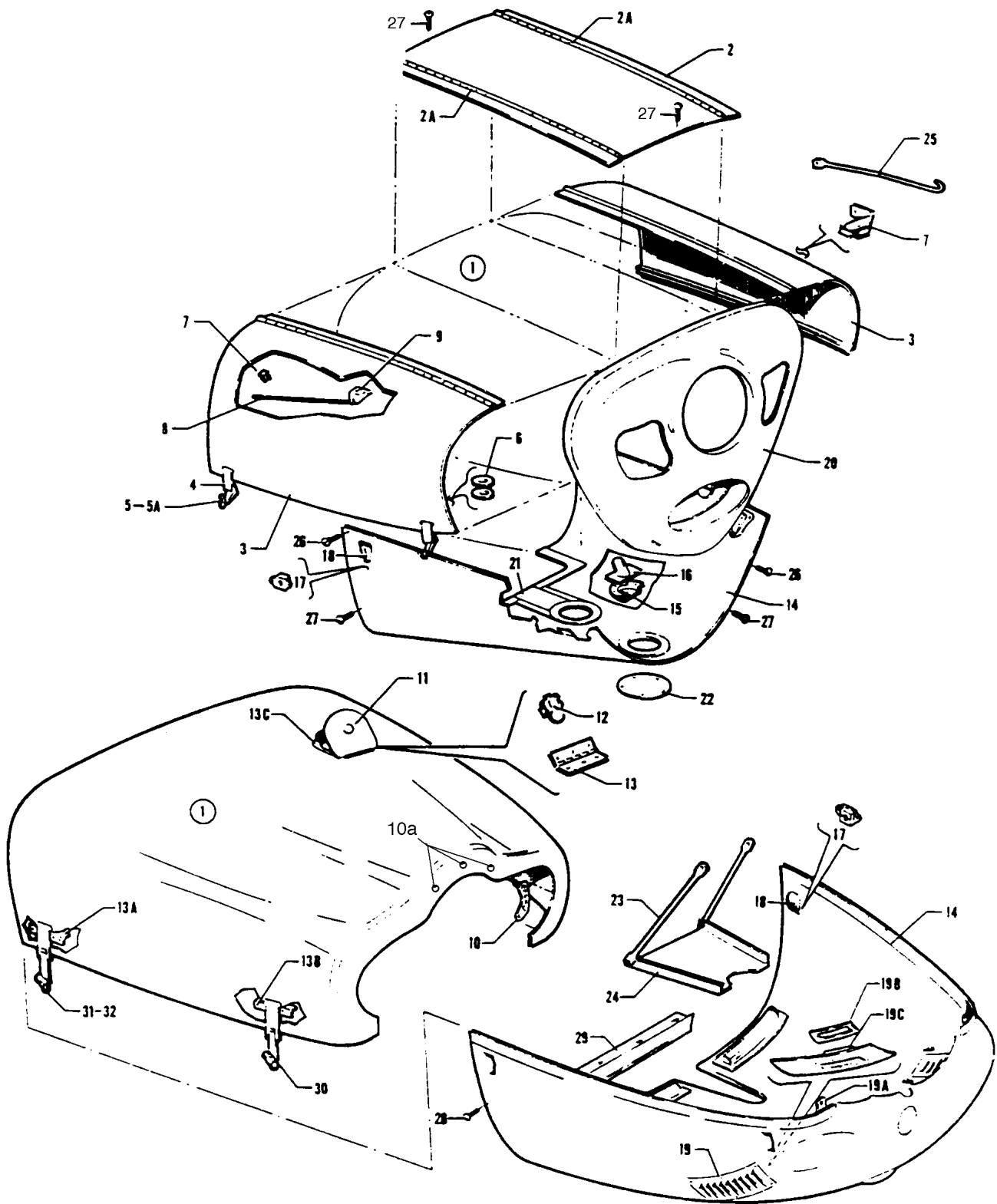


Figure 64. Engine Cowl Installation

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
64-	63622	B	DRAWING - Power Plant Installation		28-1 to 28-507 inclusive
	63689	B,C	DRAWING - Power Plant Installation		28-508 to 28-1760 inclusive
	62893	B,C	DRAWING - Power Plant Installation		28-1761 to 28-4377 inclusive
	65851	C	DRAWING - Power Plant Installation		28-4378 and up
	63689	A	DRAWING - Power Plant Installation		28-20002 to 28-21095 inclusive
	65616	A	DRAWING - Power Plant Installation		28-21096 to 28-24999 inclusive
	66680	A	DRAWING - Power Plant Installation		28-25000 to 28-7125471 incl.
	99516	A	DRAWING - Power Plant Installation		28-7125472 and up
-1	63603-00	B	COWL ASSEMBLY - Engine top, complete	1	28-1 to 28-1015 inclusive
	63603-19	B	COWL ASSEMBLY - Engine top, complete	1	28-1016 to 28-1410 inclusive
	63603-19	C	COWL ASSEMBLY - Engine top, complete	1	28-671 to 28-1410 inclusive
	63750-00	B,C	COWL ASSEMBLY - Engine top, complete	1	28-1411 to 28-1760 inclusive
	63750-00	A	COWL ASSEMBLY - Engine top, complete	1	28-20002 to 28-22159 inclusive
	62922-03	A,B,C	COWL ASSEMBLY - Engine top, less fasteners	1	28-1761 and up
	63750-06	A	COWL ASSEMBLY - Engine top, complete	1	28-22160 and up
-2	63603-08	B,C	COWL ASSEMBLY - Engine top, center	1	28-1761 and up
	63603-08	A	COWL ASSEMBLY - Engine top, center	1	28-20002 and up
-2a	63603-26		HINGE ASSEMBLY - Engine cowl	2	
-3	63603-14	B	COWL ASSEMBLY - Engine side, left	1	28-1 to 28-1015 inclusive
	63603-18	B	COWL ASSEMBLY - Engine side, left	1	28-1016 to 28-1410 inclusive
	63603-18	C	COWL ASSEMBLY - Engine side, left	1	28-671 to 28-1410 inclusive
	63750-02	B,C	COWL ASSEMBLY - Engine side, left	1	28-1411 to 28-1760 inclusive
	63750-02	A	COWL ASSEMBLY - Engine side, left	1	28-20002 to 28-22159 incl.
	63750-07	A	COWL ASSEMBLY - Engine side, left	1	28-22160 and up
	63603-13	B	COWL ASSEMBLY - Engine side, right	1	28-1 to 28-1015 inclusive
	63603-13	B	COWL ASSEMBLY - Engine side, right	1	28-1016 to 28-1410 incl.
	63603-17	C	COWL ASSEMBLY - Engine side, right	1	28-671 to 28-1410 inclusive
	63750-03	B,C	COWL ASSEMBLY - Engine side, right	1	28-1411 to 28-1760 incl.
	63750-03	A	COWL ASSEMBLY - Engine side, right	1	28-20002 to 28-22159 incl.
	63750-08	A	COWL ASSEMBLY - Engine side, right	1	28-22160 and up
-4	12723-00	B,C,W	FASTENER - Engine cowl	2	28-1 to 28-1760 inclusive
	12723-00	A,W	FASTENER - Engine cowl	2	28-20002 to 28-22159 incl.
	66547-00	A	FASTENER ASSEMBLY - Engine cowl	2	28-22160 and up
-5	480 685	BCDW	PIN - (99836)	1	28-1 to 28-1760 inclusive
	480 685	ADW	P/N - (99836)	1	28-20002 to 28-22159 incl.
	484 428	A	RETAINER - (85-34-101-20)	1	28-22160 and up
-5a	487 562	B,C	STUD - (W98292-2-180)	1	28-1 to 28-1760 inclusive
	487 562	A	STUD - (W98292-2-180)	1	28-20002 to 28-22159 incl.
	487 718	A	STUD - (5-W-180)	1	28-22160 and up
-6	407 584	B,C,W	WASHER - (AN960-10L)	4	28-1 to 28-1760 inclusive
	407 584	A,W	WASHER - (AN960-10L)	4	28-20002 and up
-7	12813-00	B,C,W	CATCH ASSEMBLY - Cowl rod	1	28-1 to 28-1410 inclusive
	554 753	B,C	CLIP - Cowl rod catch (127002)	1	28-1411 to 28-1760 incl.
	554 753	A	CLIP - Cowl rod catch (127002)	1	28-20002 and up
-8	62179-00	B,C	ROD ASSEMBLY - Cowl support	1	28-1411 to 28-1760 incl.
	62179-00	A	ROD ASSEMBLY - Cowl support	1	28-20002 and up
-9	62180-00	B,C	CLIP - Cowl rod support	1	28-1411 to 28-1760 incl.
	62180-00	A	CLIP - Cowl rod support	1	28-20002 and up
			A- Used on PA-28-140 airplanes only. B- Used on PA-28-150 and PA-28-160 airplanes only. C- Used on PA-28-180 airplanes only. D- Reference latest revision of Service Letter 535A for instructions on securing rudder trim locking pin. W- These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.		

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
64-10	65148-00	B,C	PLATE ASSEMBLY - Cowl pin, left	1	28-1761 and up
	65148-01	B,C	PLATE ASSEMBLY - Cowl pin, right	1	28-1761 and up
-10a	581 025	B,C	PLUG - Cowl	3	28-1761 and up
-11	65291 04	B,C,E	DOOR ASSEMBLY - Oil filter	1	28-1761 and up
	99096-00	B,C,F	DOOR ASSEMBLY - Oil filter	1	28-1761 and up
-12	472 017	B,C	LATCH - Oil filter door (KM610-32)	1	28-1761 and up
-13	65291-03	B,C	HINGE ASSEMBLY - Oil filter door	1	28-1761 and up
-13a	65240-00	B,C	ANGLE - Cowl fastener, rear, left	1	28-1761 and up
	65240-01	B,C	ANGLE - Cowl fastener, rear, right	1	28-1761 and up
-13b	65241-00	B,C	ANGLE - Cowl fastener, front	2	28-1761 and up
-13c	68787-00	B,C,E	PLATE - Reinforcement, oil filter door	1	28-1761 and up
	99094-02	B,C,F	PLATE ASSEMBLY - Reinforcement oil filter door	1	28-1761 and up
-14	63619-08	B	COWL ASSEMBLY - Engine bottom, complete	1	28-1 to 28-784 inclusive
	63700-00	B	COWL ASSEMBLY - Engine bottom, complete	1	28-785 to 28-1520 inclusive
	63700-00	C	COWL ASSEMBLY - Engine bottom, complete	1	28-671 to 28-1520 inclusive
	62217-00	B,C	COWL ASSEMBLY - Engine bottom, complete	1	28-1521 to 28-1760 inclusive
	62217-00	A	COWL ASSEMBLY - Engine bottom, complete	1	28-20002 to 28-22159 incl.
	62988-00	B,C	COWL ASSEMBLY - Engine bottom, complete	1	28-1761 to 28-3643 inclusive
	62988-02	B	COWL ASSEMBLY - Engine bottom, complete	1	28-3644 and up
	62988-02	C	COWL ASSEMBLY - Engine bottom, complete	1	28-3644 to 28-5149 inclusive
	62988-03	C	COWL ASSEMBLY - Engine bottom, complete	1	28-5150 to 28-7205091 incl.
	62988-04	C	COWL ASSEMBLY - Engine bottom, complete	1	28-7205092 and up
	62217-03	A	COWL ASSEMBLY - Engine bottom, complete	1	28-22160 and up
-15	66609-00	B,C,D	SCOOP - Bottom cowl	1	28-1521 to 28-1760 inclusive
	66609-00	A	SCOOP - Bottom Cowl	1	28-20002 and up
-16	62216-00	B,C,D	TUBE ASSEMBLY - Bottom cowl	1	28-1521 to 28-1760 inclusive
	62216-00	A	TUBE ASSEMBLY - Bottom cowl	1	28-20002 and up
-17	484 341	A	RECEPTACLE - (99947-P130)	4	28-20002 to 28-23932 incl.
	484 341	B,C	RECEPTACLE - (99947-P130)	4	28-1 to 28-5877 inclusive
	484 291	A	RECEPTACLE - (5-295)	4	28-23933 and up
	484 291	B,C	RECEPTACLE - (5-295)	4	28-5878 and up
-18	65889-00		CUP - Cowl fastener	4	
-19	65151-00	B,C	LOUVER - Bottom cowl	2	28-1761 and up
-19a	69791-00	B,C	PLATE ASSEMBLY - Bottom cowl	2	28-1761 and up
	484 840	B,C	RING - Retaining	1	28-1761 and up
	69790-00	B,C	BUSHING	1	28-1761 and up
-19b	63085-00	B,C	RETAINER - Air filter seal	1	28-1761 and up
-19c	63086-00	B,C	SEAL - Air filter	1	28-1761 and up
-20	63639-00	B	COWL ASSEMBLY - Nose	1	28-1 to 28-1015 inclusive
	63679-00	B	COWL ASSEMBLY - Nose	1	28-1016 to 28-1760 inclusive
	63679-00	C	COWL ASSEMBLY - Nose	1	28-671 to 28-1760 inclusive
	63679-00	A	COWL ASSEMBLY - Nose	1	28-20002 to 28-71 25471 inclusive
	99515-00	A	COWL ASSEMBLY - Nose	1	28-7125472 and up
-20a	99515-02	A	COWL ASSEMBLY - Nose, bottom	1	28-7125472 and up
-20b	99515-03	A	COWL ASSEMBLY - Nose, top	1	28-7125472 and up
			A- Used on PA-28-140 airplanes only. B- Used on PA-28-150 and PA-28-160 airplanes only. C- Used on PA-28-180 airplanes only. D- Used on PA-28-150, PA-28-160 and PA-28-180 with serial numbers 28-1 to 28-1520 inclusive if Fuel Cooling Kit 756 808 or 756 809 has been installed. E- Used if existing oil filter door dimensions are 5 inches wide by 4 3/4 inches long. F- Used if existing oil filter door dimensions are 5 3/4 inches wide by 5 inches long.		

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
64-21	63618-00	B	PLATE - Bottom cowl	1	28-1 to 28-507 inclusive
-22	63263-00	B,C	COVER - Bottom cowl	1	28-1 to 28-724 inclusive
-23	62945-00	B	ROD - Cowl closure	2	28-1761 and up
	62945-00	A	ROD - Cowl closure	2	28-1761 to 28-5149 inclusive
-24	62946-00	B	PLATE ASSEMBLY - Cowl closure	1	28-1761 and up
	62946-00	A	PLATE ASSEMBLY - Cowl closure	1	28-1761 to 28-5149 inclusive
-25	12809-00	B,W	ROD - Cowl support	2	28-1 to 28-147 inclusive
	63690-00	A,B	ROD - Cowl support	2	28-148 to 28-1410 inclusive
-26	416 633	W	SCREW - (MS24693-S273)	4	
-27	411 533	W	SCREW - (MS35207-264)	31	
-28	411 533	W	SCREW - (MS35207-264)	10	
	690 609	W	WASHER - (NAS1149F0332P)	10	
-29	65455-00	A	CHANNEL- Cowl	1	28-5150 and up
-30	65202-00	A,B	FASTENER ASSEMBLY - Top cowl	4	28-1761 to 28-3643 inclusive
	65202-05	A,B	FASTENER ASSEMBLY - Top cowl	4	28-3644 and up
-31	480 685	A,B,D	PIN - (99836)	1	28-1761 to 28-3643 inclusive
	484 428	A,B	RETAINER - (85-34-101-20)	1	28-3644 and up
-32	487 673	A,B	STUD - (W98292-2-250)	1	28-1761 to 28-3643 inclusive
	487 719	A,B	STUD - (5-W-260)	1	28-3644 and up
A- Used on PA-28-180 airplanes only. B- Used on PA-28-150 and PA-28-160 airplanes only. C- Used when rotating beacon is not installed. D- Reference latest revision of Service Letter 535A for instructions on securing rudder trim locking pin. W- These parts must be ordered from Service Spares Department Piper Aircraft, Local Haven, Penna.					

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

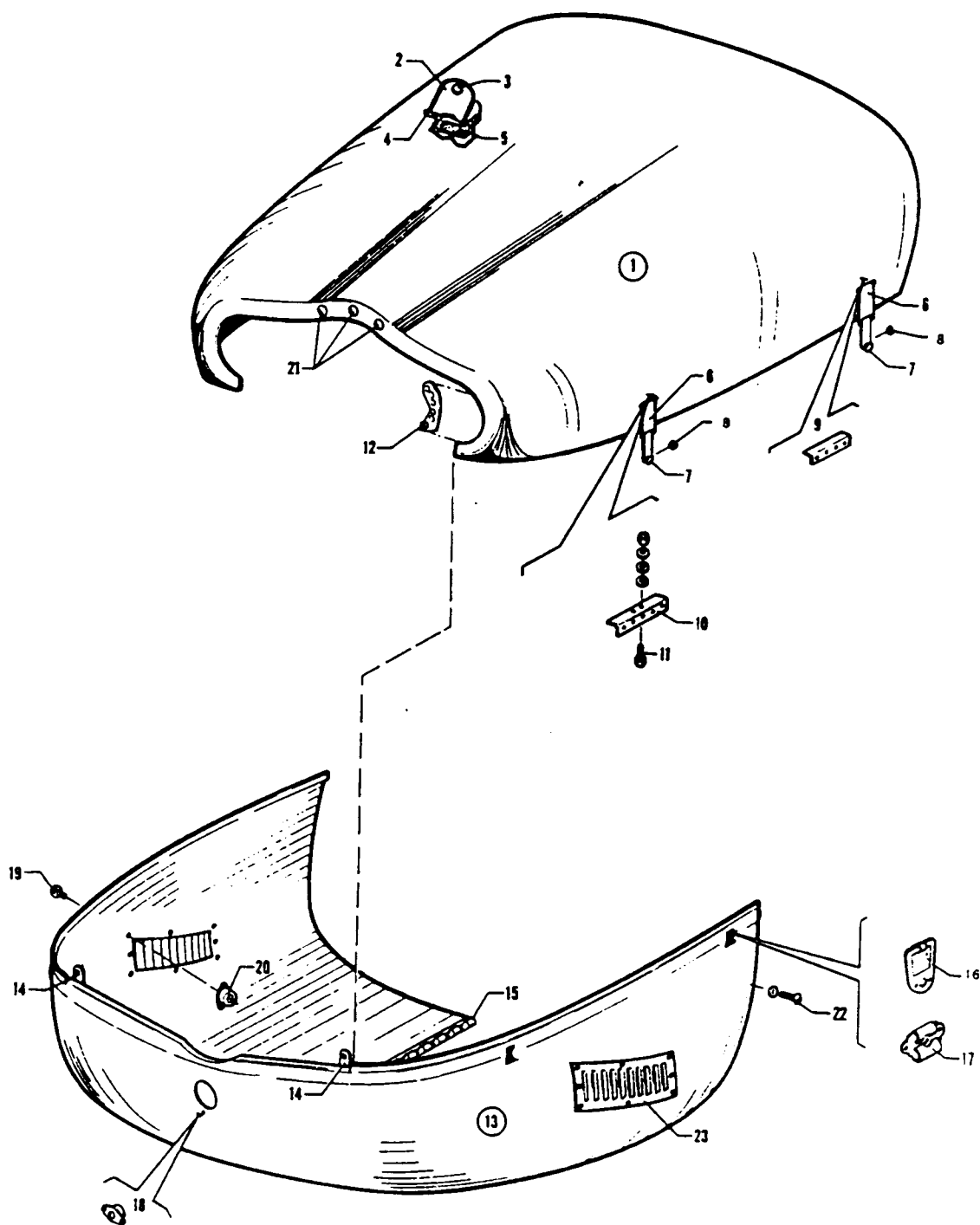


Figure 65. Engine Cowl Installation

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
65-	67349		DRAWING - Cowl Assembly (Complete)		
-1	67350-00		COWL ASSEMBLY - Top	1	
-2	65291-04	C	DOOR ASSEMBLY - Oil filler	1	
	99096-00	D	DOOR ASSEMBLY - Oil filler	1	
-3	472 017		LATCH - Oil filler door (KM61 0-32)	1	
-4	65291-03		HINGE ASSEMBLY - Oil filler door	1	
-5	68787-00	C	PLATE - Reinforcement, oil filler door	1	
	99094-02	D	PLATE ASSEMBLY - Reinforcement, oil filler door	1	
-6	65202-05		FASTENER ASSEMBLY - Cowl	4	
-7	487 719		STUD - (5-W-260)	1	
-8	484 428		RETAINER - (85-34-101-20)	1	
-9	65240-00		ANGLE - Cowl fastener, rear, left	1	
	65240-01		ANGLE - Cowl fastener, rear, right	1	
-10	65241-00		ANGLE - Cowl fastener, front	2	
-11	400 438		BOLT- (AN3-4A)	8	
	690 612		WASHER - (NAS1149F0363P)	24	
	404 526		NUT - (MS21042-3)	8	
-12	65148-00		PLATE ASSEMBLY - Cowl pin, left	1	
	65148-01		PLATE ASSEMBLY - Cowl pin, right	1	
-13	67351-14	A	COWL ASSEMBLY- Bottom	1	
	67846-00	E	COWL ASSEMBLY - Bottom	1	
	67846-10	B	COWL ASSEMBLY - Bottom	1	28R-7235001 and up
-14	69791-00		PLATE ASSEMBLY - Bottom cowl	2	
	484 840		RING - Retaining	1	
	69790-00		BUSHING	1	
-15	67355-00		HINGE HALF - Bottom cowl, left	1	
	67355-01		HINGE HALF - Bottom cowl, right	1	
-16	65889-00		CUP ASSEMBLY - Cowl fastener	4	
-17	484 291		RECEPTACLE (5-295)	4	
-18	406 646		NUT - Anchor (NAS1068A06L)	1	
-19	414 763	A	SCREW - (AN507-832R8)	16	
	414 763	B	SCREW - (AN507-832R8)	8	
-20	477 809	A	NUT - Anchor (MS21059L08)	16	
	477 809	B	NUT - Anchor (MS21059L08)	8	
-21	581 025		PLUG- (15-903)	3	
-22	416 996		SCREW - (AN526-1032R10)	10	
	690 609		WASHER - (NAS1149F0332P)	10	
-23	65151-00	A	LOUVER - Bottom cowl	2	
	65151-00	B	LOUVER - Bottom cowl	1	
A- Used on PA-28R-180 airplanes only. B- Used on PA-28R-200 airplanes only, C- Used if existing oil filler door dimensions are 5 inches wide by 4 3/4 inches long. D- Used if existing oil filler door dimensions are 5 3/4 inches wide by 5 inches long. E- Used on PA-28R-200 with serial number 28R-30482, 28R-35001 to 28R-7135238 inclusive.					

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

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

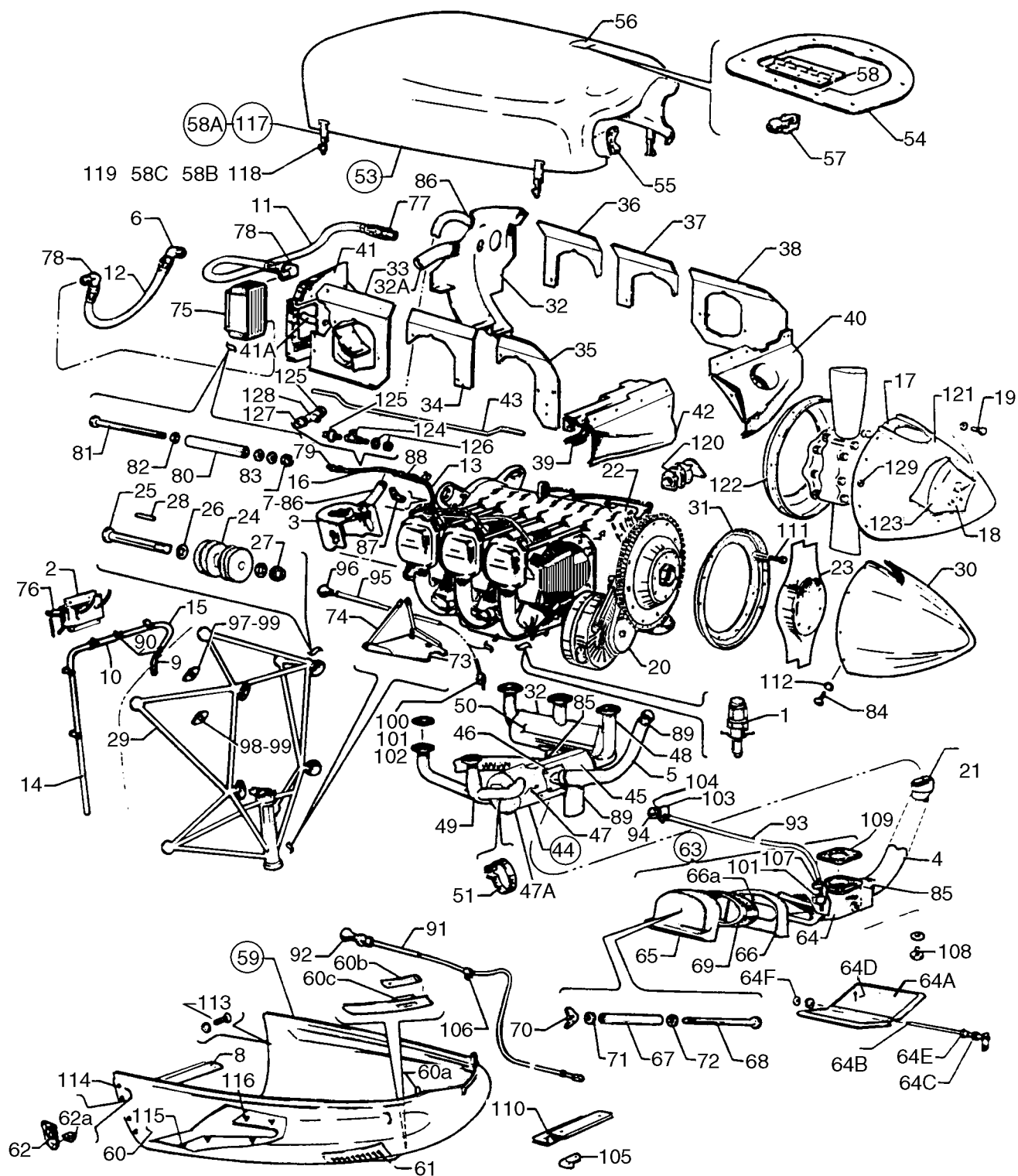


Figure 66. Power Plant Installation

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
66-	65065 65085 65495 69261 6521 5 65048	A	DRAWING - Power Plant Installation DRAWING - Power Plant Installation DRAWING - Power Plant Installation DRAWING - Power Plant Installation DRAWING - Engine Controls Installation DRAWING - Baffle Installation		28-10003 to 28-10486 inclusive 28-10487 to 28-10719 inclusive 28-10720 to 28-11033 inclusive 28-11040 and up 28-10003 to 28-11039 incl.
-1	61879-02	W	VALVE ASSEMBLY - Oil drain	1	
-2	65261-00		BOX ASSEMBLY - Magneto filter	1	28-10003 to 28-10719 inclusive
-3	23107-00	B,W	BAFFLE ASSEMBLY - Fuel pump	1	
	63425-00	C	BAFFLE ASSEMBLY - Fuel pump	1	
	25006-06	D,W	BAFFLE ASSEMBLY - Fuel pump	1	
-4	99944-04		HOSE - Air filter to muffler shroud, length 14-1 /4"	1	
-5	63633-18		HOSE - Muffler to Left front baffle	1	28-10003 to 28-10062 inclusive
	63633-24		HOSE - Muffler to Left front baffle	1	28-10063 and up
-6	458 898	W	ELBOW - (AN822-8D)	1	28-10003 to 28-10230 inclusive
	458 886	W	ELBOW - (AN823-8D)	1	28-10720 and up
-7	63633-20		HOSE - Fuel pump blast	1	
-8	65455-00		CHANNEL - Cowl	1	28-10487 to 28-7210033 incl.
-9	63913-29		HOSE - Engine breather	1	28-10003 to 28-10279 inclusive
	63913-46		HOSE - Engine breather	1	28-10280 and up
-10	6391 3-30		HOSE - Engine breather	1	
-11	63901-26		HOSE ASSEMBLY - Oil radiator inlet to engine		
-12	61413-03	W	HOSE ASSEMBLY - Oil radiator outlet to engine	1	28-10003 to 28-10230 inclusive
	63901-16		HOSE ASSEMBLY - Oil radiator outlet to engine	1	28-10231 and up
-13	71061-00	W	HOSE ASSEMBLY - Oil pressure gauge	1	28-10003 to 28-10666 inclusive
	63901-27		HOSE ASSEMBLY - Oil pressure gauge	1	28-10667 and up
-14	65221-00		TUBE - Engine breather	1	
-15	65376-00		TUBE - Engine breather	1	
-16	65225-00		TUBE ASSEMBLY - Oil pressure	1	28-10003 to 28-10486 inclusive
	65465-00		TUBE ASSEMBLY - Oil pressure	1	28-10487 to 28-10666 inclusive
	65472-00		TUBE ASSEMBLY - Oil pressure	1	28-10667 to 28-11039 inclusive
	67700-40		TUBE ASSEMBLY - Oil pressure	1	28-11040 to 28-11380 inclusive
	67700-54		TUBE ASSEMBLY - Oil pressure	1	28-11381 to 28-7410120 incl.
	67700-90		TUBE ASSEMBLY - Oil pressure, forward	1	28-7510001 and up
	67700-87		TUBE ASSEMBLY - Oil pressure, aft	1	28-7510001 and up
			A- See Figure 57B or 57C Engine Controls Installation for serial numbers 28-11040 and up. B- Used with fuel pump AC562-467 only. C- Used with fuel pump AC6440174 and AC6440295 only. D- Used with fuel pump AC6441271 only. W- These parts must be ordered from Service Spares Department Piper Aircraft, Lock Haven, Penna.		

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
66-17	67794-00		CUFF - Spinner	2	28-7310001 and up
-18	99499-00		PLATE - Spinner	1	28-7310001 and up
-19	401 301		BOLT - (AN4H3A)	4	28-7310001 and up
	690 611	W	WASHER - (NAS1149F0463P)	8	28-7310001 and up
-20		H	ALTERNATOR INSTALLATION - Chrysler		
-21	69677-00		TUBE ASSEMBLY - Carburetor heat	1	28-10003 to 28-7310054 incl.
-22		F,J	ENGINE - Lycoming (O-540-B2B5)	1	28-10003 to 28-10152 inclusive
		F,J	ENGINE - Lycoming (O-540-B1B5)	1	28-10153 to 28-10165 inclusive
		F,J	ENGINE - Lycoming (O-540-B4B5)	1	28-10166 and up
-23	450 964	A	PROPELLER - McCauley (1P235PFA80-69)	1	28-10003 to 28-7210033 incl.
	450 960	A	PROPELLER - Sensenich (80BM8-0-71)	1	28-10166 to 28-7210033 incl.
	550 938	E	PROPELLER - Hartzell (HC-C2YK-1BF/F8468A-4)	1	28-7310001 and up
-24	475 114	B	MOUNTING KIT - Engine (J-7402-20)	4	28-10003 to 28-10719 inclusive
	475 111		MOUNTING KIT - Engine (J-3804-27)	4	28-10720 and up
-25	401 520		BOLT - Engine to mount (AN7-26A)	4	
-26	690 630	W	WASHER - Engine to mount (NAS1149F0763P)	8	
-27	404 891	W	NUT - Engine to mount (MS20365-720C)	4	
-28	480 727		ROLL PIN - Engine to mount (52-028-125-1000)	4	
-29	65000-00		MOUNT ASSEMBLY - Engine and nose gear strut	1	28-10003 to 28-7310187 incl.
	65000-23		MOUNT ASSEMBLY - Engine and nose gear strut	1	28-7410001 and up
-30	65209-00	A,G	SPINNER - Propeller, aluminum	1	28-10003 to 28-10660 inclusive
	63760-03	A	SPINNER - Propeller, fiberglass	1	28-10661 to 28-7210033 incl.
-31	65208-00	A,C	BULKHEAD ASSEMBLY - Spinner	1	28-10003 to 28-10660 inclusive
	65208-03	A,D	BULKHEAD ASSEMBLY - Spinner	1	28-10661 to 28-7210033 incl.
-32	65030-00		BAFFLE ASSEMBLY - Left rear	1	
-32a	65031-00		TUBE - Blast	1	
-33	65097-00		BAFFLE - Right side rear	1	
-34	65098-00		BAFFLE - Right side center	1	
-35	65099-00		BAFFLE - Right side front	1	
-36	65100-00		BAFFLE - Left side rear	1	
-37	65101-00		BAFFLE - Left side center	1	
-38	65102-00		BAFFLE - Left side front	1	
-39	65137-00		BAFFLE ASSEMBLY - Right front	1	
-40	68759-00		BAFFLE ASSEMBLY - Left front	1	
			A- If constant speed propeller is installed, see Figure 67 or 67A.		
			B- If less than four mounts are being replaced, ascertain number which is stamped on rubber part of mount and order either 475 114 (J-7402-20) or 475 111 (J-380 427). If four mounts are being replaced, order 475 111 (J-3804-27).		
			C- Used if aluminum spinner is installed.		
			D- Used if fiberglass spinner is installed.		
			E- See Figure 67B for component parts.		
			F- Secure from Lycoming, Division-Avco Corporation, Williamsport, Penna.		
			G- No longer available. Order (1) each spinner P/N 63760-03 and bulkhead assembly P/N 65208-03 as a replacement. If fiberglass spinner is already installed new spinner P/N 63760-03 only need be ordered.		
			H- See Figure 71 for component parts.		
			J- Reference Vendor Service Publication 148. PA-28-235 Cherokees equipped with 0540-series engines have experienced crankshaft gear retaining bolt failure due to a metallurgical condition. Failure of the retaining bolt results in total loss of power without warning. Lycoming requires the bolt be replaced with the new bolt, Lycoming Part Number STD-2209, which can be ordered from Lycoming. This does not affect engines with single drive dual magnetos.		
			W- These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.		

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PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
66-41	65169-00		BAFFLE ASSEMBLY - Right rear	1	28-10003 to 28-7210033 inclusive
	99985-00		BAFFLE ASSEMBLY - Right rear	1	28-7310001 and up
-41a	65044-00		TUBE - Blast	1	
-42	65139-00		FAIRING - Right front baffle	1	
-43	65103-02		ROD - Baffle tie	2	
-44	65046-00		MUFFLER ASSEMBLY - Complete	1	28-10003 to 28-10062 inclusive
	65420-00		MUFFLER ASSEMBLY - Complete	1	28-10063 to 28-10985 inclusive
	65811-00		MUFFLER ASSEMBLY - Complete	1	28-10986 to 28-7210033 inclusive
	69175-02		MUFFLER ASSEMBLY - Complete	1	28-7310001 and up
-45	65012-00		MUFFLER ASSEMBLY	1	28-10003 to 28-10062 inclusive
	65419-00		MUFFLER ASSEMBLY	1	28-10063 to 28-10985 inclusive
	65813-00		MUFFLER ASSEMBLY	1	28-10986 to 28-7210033 inclusive
	68718-03		MUFFLER ASSEMBLY	1	28-7310001 and up
-46	65052-00		CLIP ASSEMBLY - Muffler shroud	1	28-10003 to 28-10062 inclusive
	65052-02		CLIP ASSEMBLY - Muffler shroud	1	28-10063 to 28-10985 inclusive
-47	65057-00		SHROUD ASSEMBLY - Muffler	1	28-10003 to 28-10062 inclusive
	65418-00		SHROUD ASSEMBLY - Muffler	1	28-10063 to 28-10985 inclusive
	65810-00		SHROUD ASSEMBLY - Muffler	1	28-10986 to 28-7210033 inclusive
	69174-00		SHROUD ASSEMBLY - Muffler	1	28-7310001 and up
-47a	554 848	W	CLAMP - Muffler shroud (#GS96SS)	2	28-10986 and up
-48	65038-00		STACK ASSEMBLY - Left exhaust	1	
-49	65039-00		STACK ASSEMBLY - Right exhaust	1	
-50	65041-00		SHROUD ASSEMBLY - Right exhaust	1	28-10003 to 28-7310054 inclusive
	69675-00		SHROUD ASSEMBLY - Right exhaust	1	28-7310055 and up
-51	14235-08	W	CLAMP - Muffler attachment	1	28-10003 to 28-10486 inclusive
	65442-00		CLAMP - Muffler attachment	1	28-10487 and up
-52	63670-00	W	CLIP - Shroud	6	
-53	65069-03		COWL ASSEMBLY - Top, less fasteners	1	28-10003 to 28-7210033 inclusive
	65069-04		COWL ASSEMBLY - Top, with fasteners	1	28-7310001 and up
-54	68787-00	B	PLATE - Reinforcement, oil filler door	1	
	99094-02	A	PLATE ASSEMBLY - Reinforcement, oil filler door	1	
-55	65148-00		PLATE ASSEMBLY - Cowl pin, left	1	
	65148-01		PLATE ASSEMBLY - Cowl pin, right	1	
-56	65291-00	B	DOOR ASSEMBLY - Oil filler	1	
	99096-00	A	DOOR ASSEMBLY - Oil filler	1	
-57	472 017	W	LATCH - Oil filler door (#KM610-32)	1	
-58	65291-03		HINGE ASSEMBLY - Oil filler door	1	
-58a	65202-05		FASTENER ASSEMBLY - Top cowl	1	28-7310001 and up
-58b	484 428		RETAINER - (#85-34-101-20)	1	28-7310001 and up
-58c	487 719		STUD - (#5-W-260)	1	28-7310001 and up

A -Used if existing oilfiller door dimensions are 5-3/4 inches wide by 5 inches long.
B- Used if existing oil filler door dimensions are 5 inches wide by 4 3/4 inches long.
W- These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.

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
66-59	65070-00	A	COWL ASSEMBLY - Bottom (complete)	1	
	65070-02	B	COWL ASSEMBLY - Bottom (complete)	1	
	65070-03		COWL ASSEMBLY - Bottom (complete)	1	28-10487 to 28-10560 inclusive
	65070-04		COWL ASSEMBLY - Bottom (complete)	1	28-10561 to 28-10755 inclusive
	65070-06		COWL ASSEMBLY - Bottom (complete)	1	28-10756 to 28-7210033 and
	65070-07		COWL ASSEMBLY - Bottom (complete)	1	28-7310001 and up
-60	65068 00	A	COWL ASSEMBLY - Bottom	1	
	65068-25	B	COWL ASSEMBLY - Bottom	1	
	65086-00		COWL ASSEMBLY - Bottom	1	28-10487 to 28-10560 inclusive
	65086-02		COWL ASSEMBLY - Bottom	1	28-10561 to 28-7210033 incl .
	65086-03		COWL ASSEMBLY - Bottom	1	28-7310001 and up
-60a	69791-00		PLATE ASSEMBLY - Bottom cowl	2	
-60b	63085-00		RETAINER - Air filter seal	1	28-10561 and up
-60c	63086-00		SEAL - Air filter	1	28-10561 and up
-61	6515140		LOUVER - Bottom cowl	2	
-62	65889-00		CUP ASSEMBLY - Cowl fastener	4	
-62a	484 341	W	RECEPTACLE - (99947-P130)	4	28-10003 to 28-10755 inclusive
	484 291		RECEPTACLE - (5-295)	4	28-10756 and up
-63	65230-00		FILTER ASSEMBLY - Carburetor air	1	28-10003 to 28-10560 inclusive
	65402-00		FILTER ASSEMBLY - Carburetor air (less filter , cover and wing nuts)	1	28-10561 and up
-64	65142-00		AIR BOX ASSEMBLY - Carburetor (less filter housing)	1	28-10003 to 28-10560 inclusive
	65398-00		AIR BOX ASSEMBLY - Carburetor (less filter housing)	1	28-10561 and up
-64a	65142-07		VALVE ASSEMBLY - Air box	1	
-64b	65142-08		SHAFT ASSEMBLY- Air box	1	
-64c	434 129	W	GROMMET - (AN931-5-9)	2	28-10003 to 28-10560 inclusive
	434 134	C,W	GROMMET - (MS35489-11)	2	28-10561 and up
-64d	415 146	W	SCREW- (AN526-632R7)	3	
-64e	453 991	C	BUSHING - (PS10065-23)	2	28-10561 and up
-64f	690 628	W	WASHER - (NAS1149F0563P)	1	
	424 051	W	COTTER PIN - (MS24665-132)	1	
-65	65262-00		COVER ASSEMBLY - Filter	1	28-10003 to 28-10560 inclusive
	65403-00		COVER ASSEMBLY - Filter	1	28-10561 and up
-66	65263-00		HOUSING ASSEMBLY - Filter	1	28-10003 to 28-10560 inclusive
	65396-00		BOX ASSEMBLY - Filter	1	28-10561 and up
-66a	65399-00		DOUBLER - Air box	1	28-10561 and up
-67	65003-05		BUSHING	1	28-10003 to 28-10560 inclusive
-68	65235-00		BOLT	1	28-10003 to 28 10560 inclusive
	416 999	W	SCREW - (AN526-1032R16)	2	28-10561 and up
-69	460 632	W,D	AIR FILTER - (CA-161PL)	1	
			A- Used on airplanes with serial number 28-10003, 28-10004, 28-10018, 28-10020 and 28-10021.		
			B- Used on airplanes with serial numbers 28-10005 to 28-10017, 28-10019 and 28-10022 to 28-10486 inclusive.		
			C- Used on aircraft which have a .625 hole in the Carburetor Air Box for the air box valve shaft grommets.		
			D- Reference latest revision to Service Bulletin 1022 on Inspection of Induction Air Filter and Distribution of Purolator on PA-28-235 aircraft with serial numbers 28-10001 thru 28-7710089 inclusive and 28-E11.		
			W- These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.		

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
66-70	477 668		NUT - Wing (WC-02)	2	
-71	404 224	W	NUT - (AN315-3R)	2	
-72	407 564	W	WASHER - (AN960-10)	1	28-10003 to 28-10560 inclusive
	407 135		WASHER - (AN936-A10)	2	28-10561 and up
-73	65259-00		PLATE ASSEMBLY - Cowl closure	1	28-10003 to 28-10486 inclusive
-74	65260-00		ROD - Cowl closure	2	28-10003 to 28-10486 inclusive
-75	18622-00	W	OIL RADIATOR	1	28-10003 to 28-7210033 incl.
	16599-00		OIL RADIATOR	1	28-7310001 and up
-76	460 634	W	FILTER - Radio interference (NFIF247)	2	28-10003 to 28-10719 inclusive
-77	476 664	W	NIPPLE - (AN8168D)	1	
78	458 898	CW	ELBOW - (AN822-8D)	2	
	558 908	B	ELBOW - (RA2000C-8)	2	
-79	484 349		REDUCER - (AN919-D)	1	
-80	86062-94	W	BUSHING - Oil radiator	4	
-81	400 463	W	BOLT - (AN3-40A)	4	28-10003 to 28-10152 inclusive
	400 464		BOLT - (AN3-41A)	4	28-10153 and up
-82	690 612	W	WASHER - (NAS1149F0363P) Bottom bolt	8	
	690 609	W	WASHER - (NAS1149F0332P) Top bolt	8	
-83	404 526	W	NUT - (MS21042-3)	4	
-84	416 996	W	SCREW - Spinner (AN526-1032R10)	10	28-10003 to 28-10660 inclusive
	400 438	W	BOLT - Spinner (AN3-4A)	12	28-10661 to 28-7210033 incl.
-85	99289-00		CLAMP - Air duct	3	
-86	454 837		CLAMP - (#H-78000)	2	
-87	68778-00		ELBOW - Oil pressure hose	1	28-10667 and up
-88	491 055	W	UNION - (AN815-4)	1	28-10667 and up
-89	454 993		CLAMP - (#H-3-1160)	2	
-90	454 981	W	CLAMP - (#S-1-5160)	4	
-91	12693-04	AW	CABLE ASSEMBLY - Throttle	1	28-10003 to 28-11039 inclusive
-92	471 049	AW	KNOB - Throttle cable (#95 black)	1	28-10003 to 28-11039 inclusive
-93	63902-03		CABLE ASSEMBLY - Carburetor heat control	1	28-10003 to 28-10675 inclusive
	63902-16	A	CABLE ASSEMBLY - Carburetor heat control	1	28-10676 to 28-11039 inclusive
-94	471 084		KNOB - Heat control (#233 black)	1	28-10003 to 28-10675 inclusive
	65617-00	A	KNOB - Heat control	1	28-10676 to 28-11039 inclusive
-95	63902-08		CABLE ASSEMBLY - Mixture control	1	28-10003 to 28-10675 inclusive
	63902-17	A	CABLE ASSEMBLY - Mixture control	1	28-10676 to 28-11039 inclusive
-96	471 084		KNOB - Mixture control (#233 black)	1	28-10003 to 28-10675 inclusive
	65618-00	A	KNOB - Mixture control	1	28-10676 to 28-11039 inclusive
-97	63915-03	A	DISC - Firewall seal	2	28-10003 to 28-11039 inclusive
-98	63915-04	A	DISC - Firewall seal	2	28-10003 to 28-11039 inclusive
-99	18321-00	AW	PLATE - Firewall	4	28-10003 to 28-11039 inclusive
-100	70371-02	AW	FITTING - Swivel	1	28-10003 to 28-11039 inclusive
-101	70371-03	AW	STUD	2	28-10003 to 28-11039 inclusive
-102	91193-00	AW	FITTING	1	28-10003 to 28-11039 inclusive
-103	62978-00	A	CLAMP - Carburetor heat control cable	1	28-10003 to 28-11039 inclusive
-104	62833-07	A	WASHER - Carburetor heat control cable	1	28-10003 to 28-11039 inclusive
-105	63916-02	A	CLAMP	1	28-10003 to 28-11039 inclusive
-106	554 860	A	CLAMP - Throttle control cable (#RA-4400-1)	2	28-10003 to 28-11039 inclusive
-107	554 890	A	CLAMP - Carburetor heat control cable (MS122901)	1	28-10003 to 28-11039 inclusive
-108	401 918	W	BOLT - Air box attaching (AN74A-3)	4	
	408 051	W	WASHER - Air box attaching (MS35333-40)	4	
-109	63684-04		GASKET - Carburetor air box	1	
-110	65210-00	A	BRACKET - Engine controls	1	28-10003 to 28-11039 inclusive
			A- See Figure 57B or 57C Engine Controls Installation for serial numbers 28-11040 and up.		
			B- Used when Stewart-Warner Oil Radiator #8406-F is installed.		
			C- Used when Stewart-Warner Oil Radiator #8406-A is installed.		
			W- These parts <u>must</u> be ordered from Service Spares Department, Piper Aircraft, Vero Beach, Florida.		

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
66-111	401 310	W	BOLT - Spinner bulkhead (A N4- 10A)	12	
	690 613	W	WASHER - Spinner bulkhead (NAS1149F0432P)	12	
	404 530	W	NUT - Spinner bulkhead (MS21042-4)	12	
-112	85012-47	W	WASHER - Spinner	10	28-10003 to 28-10660 inclusive
-113	416 996	B,W	SCREW - (AN526-1032R10)	10	
	690 609	B,W	WASHER - (NAS1149F0332P)	10	
-114	487 587	A,W	STUD - (2600-5)	8	
	494 057	A,W	WASHER - (2600-SW2)	8	
-115	487 598	A,W	STUD - (2600-7)	2	
	494 057	A,W	WASHER - (2600-SW2)	2	28-10003 to 28-10486 incl.
-116	487 585	W	STUD - (2600-3)	4	
	494 057	C,W	WASHER - (2600-SW2)	4	
-117	65202-00		FASTENER ASSEMBLY - Top cowl	4	28-10003 to 28-10755 inclusive
	65202-05		FASTENER ASSEMBLY - Top cowl	4	28-10756 to 28-7210033 incl.
-118	480 685		PIN - (99836)	1	28-10003 to 28-10755 inclusive
	484 428		RETAINER - (85-34 101-20)	1	28-10756 to 28-7210033 incl.
-119	487 673		STUD - (W98292-2-250)	1	28-10003 to 28-10755 inclusive
	487 719		STUD - (5-W-260)	1	28-10756 to 28-7210033 incl.
-120	66634-02	D,F	GOVERNOR - Hartzell (F-4-3A)	1	28-7310001 to 28-7510082, 28-7510085 inclusive
	66634-10	F	GOVERNOR - Hartzell (F-4-13)	1	28-7510083, 28-7510084, 28-7510086 and up
-121	67790-00		SPINNER SHELL - Propeller	1	28-7310001 and up
-122	67791-00		BULKHEAD ASSEMBLY - Spinner, aft	1	28-7310001 and up
-123	67793-00		BULKHEAD ASSEMBLY - Spinner, front	1	28-7310001 and up
-124	79038-00		TEE - Bulkhead fitting	1	28-7510001 and up
-125	587 961		SWITCH (M-4011-35)	1	28-7510001 and up
-126	690 626	W	WASHER- (NAS1149F0732P)	1	28-7510001 and up
	477 629	W	NUT - (AN924-4)	1	28-7510001 and up
-127	587 990	E	SWITCH - (M-4006-4)	1	28-7610001 and up
-128	588 469	E	TEE - (1/8 MMS-S)	1	28-7610001 and up
-129	415 379		SCREW - (MS51958-63)	28	28-7310001 and up
	494 227		WASHER - Fiber (PS10063-2)	28	28-7310001 and up
A - Used on airplanes with serial numbers 28-10003, 28-10004, 28-10018, 28-10020 and 28-10021. B - Used on airplanes with serial numbers 28-10487 and up. C - Used on airplanes with serial numbers 28-10005 to 28-10017 inclusive, 28-10019 and 28-10020 to 28-10486 inclusive. D - Order part for serial number 28-7510083, 28-7510084, 28-7510086 and up if Lycoming serial number on engine includes Suffix "A". E - Used if engine hour meter is installed. F - Reference latest revision to Service Letter 715 affecting all Piper airplanes with Hartzell propeller governors installed. A modified flyweight assembly is recommended to improve RPM control. W - These parts; must be ordered from Service Spares Department, Piper Aircraft, Vero Beach, Florida.					

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

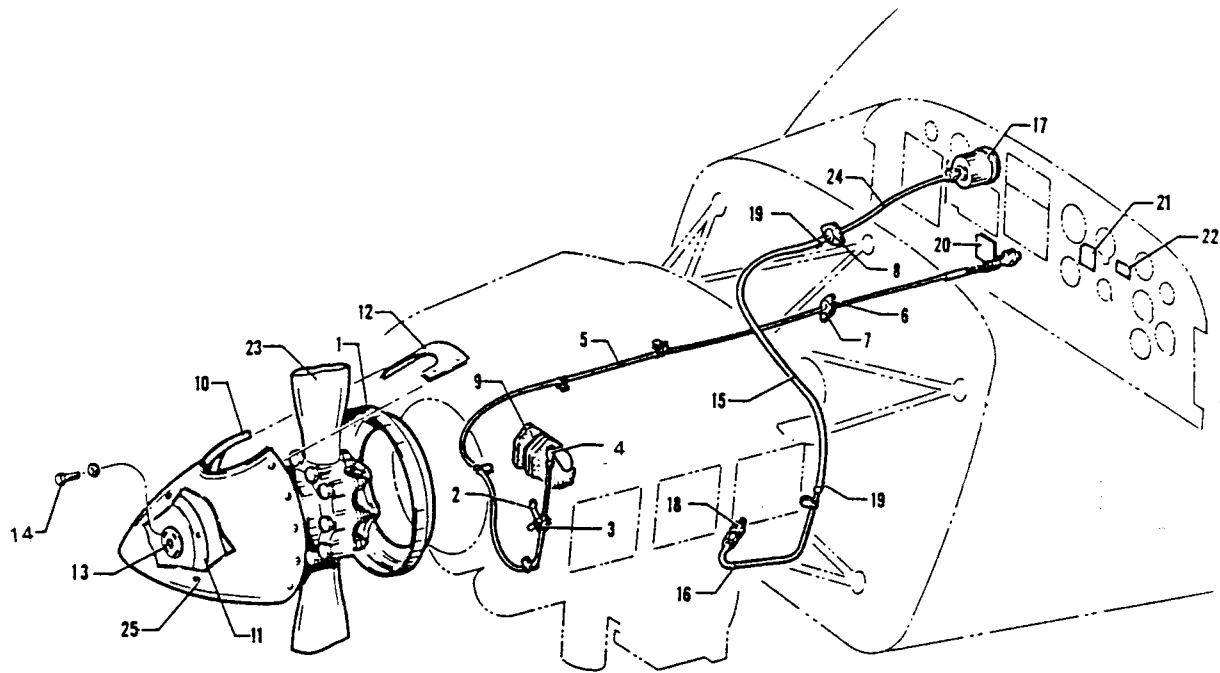


Figure 67. Constant Speed Propeller Installation
(PA-28-235 - Serial Nos. 28-10166 to 28-11039 inclusive)

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
67-	65436 65215 65437 65446		DRAWING - Constant Speed Propeller Installation DRAWING - Engine Controls Installation DRAWING - Instruments Installation DRAWING - Instruments Installation		28-10166 to 28-10486 incl. 28-10487 to 28-11039 incl.
-1	16444-00 67791-00	W A	BULKHEAD ASSEMBLY - Spinner BULKHEAD ASSEMBLY - Spinner	1 1	28-10166 to 28-10660 incl. 28-10661 to 28-11039 incl.
-2	69546-00		BRACKET ASSEMBLY - Control cable	1	
-3	18219-02	W	CLAMP	1	
-4	31747-00	W	JOINT - Ball	1	
-5	22633-02 65451-02	W	CABLE ASSEMBLY - Governor control CABLE ASSEMBLY - Governor control	1 1	28-10166 to 28-10486 incl. 28-10487 to 28-11039 incl.
-6	18321-00	W	PLATE - Firewall disc	2	
-7	63915-09		DISC - Firewall seal	2	
-8	63915-10		DISC - Firewall seal	2	
-9	66634-02 66634-10	C,E D,E	GOVERNOR - Hartzell (F-4-3A) GOVERNOR - Hartzell (F-4-3A)	1 1	
-10	65435-00 67790-00	A	SPINNER - Propeller (complete) SPINNER SHELL - Propeller	1 1	28-10166 to 28-10660 incl. 28-10166 to 28-11039 incl.
-11	67793-00	A	BULKHEAD ASSEMBLY - Spinner, forward	1	28-10166 to 28-11039 incl.
-12	67794-00	A	CUFF - Spinner	2	28-10166 to 28-11039 incl.
-13	99499-00	A	PLATE - Spinner	1	28-10166 to 28-11039 incl.
-14	401 301 690-611	A A,W	BOLT - (AN4H3A) WASHER - (NAS1149F0463P)	4 8	28-10166 to 28-11039 incl. 28-10166 to 28-11039 incl.
-15	63913-48		HOSE - Flexible, manifold pressure gauge	1	
-16	65438-00		TUBE ASSEMBLY - Manifold pressure gauge	1	
-17	761 118	W	GAUGE - Manifold pressure	1	
-18	460 685	W	CONNECTOR - (W/H 200 x 4)	1	
-19	454 983	W	CLAMP - (SAE 8)	2	
-20	11199-08	W	PLATE - Cover	1	
-21	62346-00 69061-00		PLACARD - Take-off check list (2x2 3/16) PLACARD - Take-off check list (1-1/4 x 4)	1 1	
-22	62347-00 69164-02		PLACARD - Landing check list PLACARD - Landing check list	1 1	28-10166 to 28-10719 incl. 28-10720 to 28-11039 incl.
-23	550 938	B	PROPELLER - (Hartzell HC-C2YK-1BF/F8468A-4)	1	
-24	65152-10 65466-00		TUBE ASSEMBLY - Manifold pressure gauge TUBE ASSEMBLY - Manifold pressure gauge	1 1	28-10166 to 28-10486 incl. 28-10487 to 28-11039 incl.
-25	417 694 494 227	W	SCREW - (AN526C1032R8) WASHER - Fiber (PS10063-2)	28 28	28-10661 to 28-11039 incl. 28-10661 to 28-11039 incl.
A.- If existing spinner is constructed of fiberglass, order Spinner Replacement Kit 760 452. B- See Figure 67B for component parts. C- Used if Lycoming serial number on engine does not include Suffix A. D- Used if Lycoming serial number on engine includes Suffix A. E - Reference latest revision to Service Letter 715 affecting all Piper airplanes with Hartzell propeller governors installed. A modified flyweight assembly is recommended to improve RPM control. W- These parts must be ordered from Service Spares Department, Piper Aircraft, Vero Beach, Florida.					

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

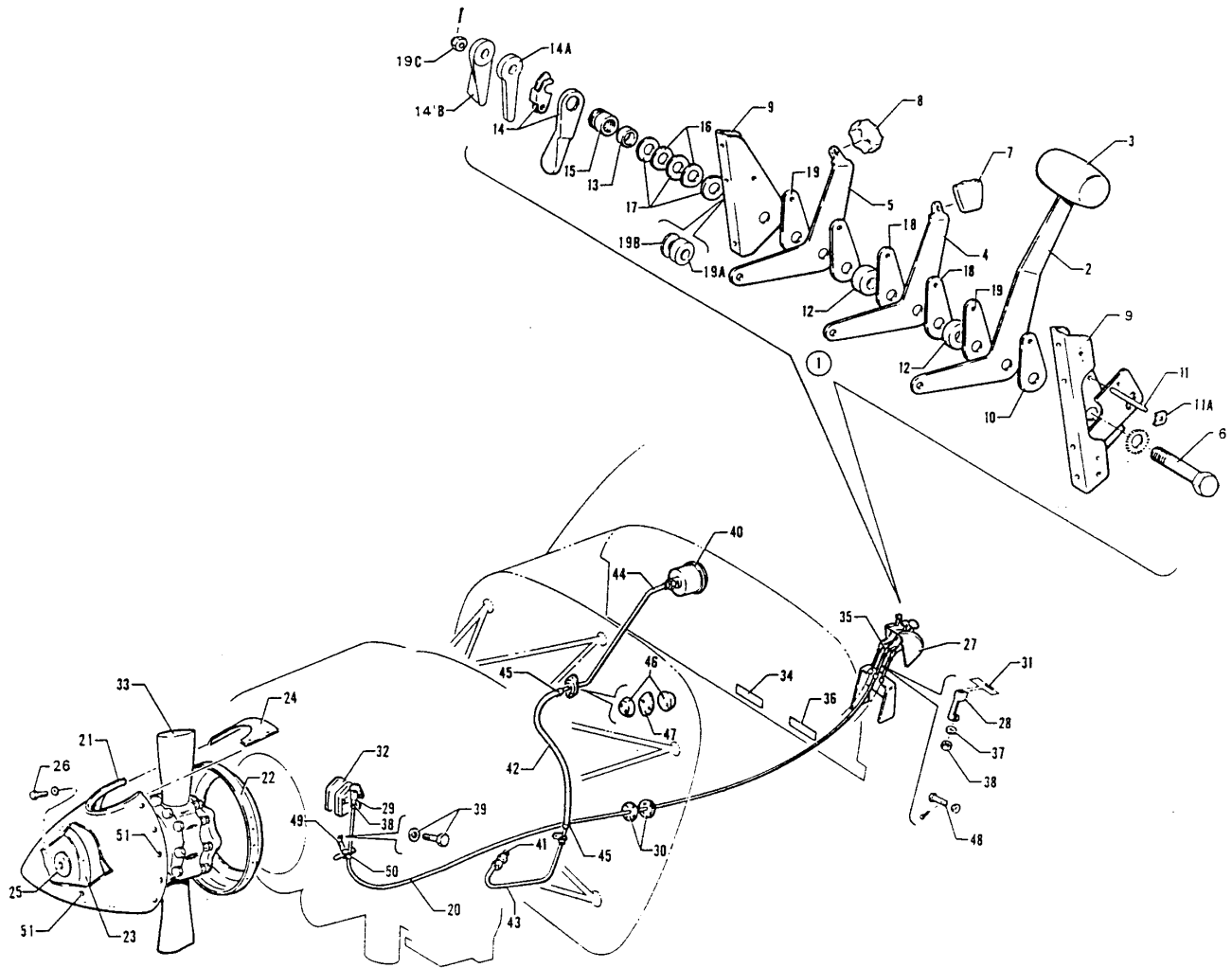


Figure 67A. Constant Speed Propeller Installation
(PA-28-235 - Serial Nos. 28-11040 to 28-7210033 inclusive)

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
	67A-69264	69258	DRAWING - Constant Speed Propeller Installation DRAWING - Manifold Pressure Gauge Installation		
-1	67210-02		QUADRANT ASSEMBLY - Control	1	
-2	67223-00		LEVER ASSEMBLY - Throttle	1	
-3	66979-00		* * KNOB - Throttle lever (571 129)	1	
-4	67213-00		* LEVER - Propeller control	1	
-5	67214-00		* LEVER - Mixture control	1	
-6	418 457	B	* SCREW - Cap (MS35291-42)	1	
	400 749	C	* BOLT - (AN25-52)	1	
	400 171	D,W	* BOLT - (AN5-30)	1	
-7	24047-00	W	* KNOB - PROPELLER CONTROL (571 043)	1	
-8	24048-00	W	* KNOB - Mixture control (571 044)	1	
-9	67215-00	B	* BRACKET ASSEMBLY - Quadrant, left	1	
	67215-03	C,D	* BRACKET ASSEMBLY - Quadrant, left	1	
	67216-00		* BRACKET ASSEMBLY - Quadrant, right	1	
-10	67218-00		* PLATE - Quadrant control, friction	2	
-11	67221-00		* PIN - Quadrant friction plate	1	
-11a	406 369	W	* NUT - (Tinnerman A1037-01203)	2	
-12	68699-06		* SPACER - Quadrant control (.432 thick)	2	
	68699-10		* SPACER - Quadrant control (.400 thick)	2	
-13	62714-04		* BEARING - Quadrant control (3/8 O.D.)	1	
	63900-121		* BEARING - Quadrant control (7/16 O.D.)	1	
-14	24358-00	W	* HANDLE ASSEMBLY - Quadrant adjusting (2.75 L)	1	
-14a	66773-00		* HANDLE - Quadrant adjusting (2.72 L)	1	
-14b	63039-04		* HANDLE - Quadrant adjusting (2.94 L)	1	
-15	24357-00	B,W	* NUT - Quadrant adjusting	1	
-16	408 815	W	* WASHER - (#3502-18-04)	2	
-17	690 619	W	* WASHER - (NAS1149F0532P)	AR	
-18	67218-00		* PLATE - Quadrant control, friction	2	
	62833-50		* WASHER - Quadrant control, friction	2	
-19	67218-00		* PLATE - Quadrant control, friction (.031 thick)	2	
	67218-02		* PLATE - Quadrant control, friction (.062 thick)	2	
-19a	66774-00	C,D	* CAM - Quadrant adjusting	1	
-19b	62833-46	C,D	* WASHER - (.032 thick)	1	
-19c	404 394	C,D,W	* NUT - (AN320-5)	1	
	424 051	C,D,W	* COTTER PIN - (MS24665-132)	1	
-20	455 344		CONTROL ASSEMBLY - Governor (PS50146-13-11)	1	
-21	67790-00	A	SPINNER SHELL - Propeller	1	
-22	67791-00	A	BULKHEAD ASSEMBLY - Spinner, aft	1	
-23	67793-00	A	BULKHEAD ASSEMBLY - Spinner, forward	1	
-24	67794-00	A	CUFF - Spinner	2	
-25	99499-00	A	PLATE - Spinner	1	
-26	401 301	A	BOLT - (AN4H3A)	4	
	690 611	A,W	WASHER - (NAS1149F0463P)	8	

A - If existing spinner is constructed of fiberglass, order Spinner Replacement Kit 760 452.
 B - Used if a 2.75 L quadrant adjusting handle assembly (P/N 24358-00) is 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.
 W - These parts must be ordered from Service Spares Department, Piper Aircraft, Vero Beach, Florida.

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
67A-27	67232-06		COVER ASSEMBLY - Engine controls, brown	1	28-11040 to 28-11300 inclusive
	67232-07		COVER ASSEMBLY - Engine controls, blue	1	28-11040 to 28-11393 inclusive
	67232-08		COVER ASSEMBLY - Engine controls, red	1	
	67232-09		COVER ASSEMBLY - Engine controls, tan	1	
	67232-17		COVER ASSEMBLY - Engine controls, white	1	28-11301 to 28-7210033 incl.
	67232-18		COVER ASSEMBLY - Engine controls, black	1	28-11301 to 28-7210033 incl.
	67232-20		COVER ASSEMBLY - Engine controls, green	1	28-11301 to 28-7210033 incl.
	67232-24		COVER ASSEMBLY - Engine controls, blue/green	1	28-7110001 to 28-7210033 incl.
-28	24123-00	W	TERMINAL - Clevis tie rod	1	28-11040 to 2-11050 inclusive
-29	31747-00	W	JOINT ASSEMBLY - Ball	1	
-30	63915-20		DISC - Firewall seal	2	
-31	86092-82	W	PIN - Clevis tie rod	1	
-32	66634-02	B	GOVERNOR - Hartzell (F-4-3A)	1	28-11040 to 2-11050 inclusive
	66634-10	C	GOVERNOR - Hartzell (F-4-13)	1	
-33	550 938	A	PROPELLER - (Hartzell HC-C2YK-1BF/F8468A-4)	1	
-34	69246-00		PLACARD - Landing check list (woodgrain)	1	28-11040 to 28-11300 inclusive
	66993-00		PLACARD - Landing check list (dull black)	1	28-11301 to 28-7110042 incl.
	99807-00		PLACARD - Landing check list (dull black)	1	28-7210001 to 28-7210033 incl.
-35	488 327	W	TERMINAL - (AN665-21R)	1	
-36	69245-00		PLACARD - Take-off check list (woodgrain)	1	28-11040 to 28-11300 inclusive
	66994-00		PLACARD - Take-off check list (dull black)	1	28-11301 to 28-7110042 incl.
	99808-00		PLACARD - Take-off check list (dull black)	1	28-7210001 to 28-7210033 incl.
-37	407 043	W	WASHER - (MS35338-43)	1	
-38	404 224	W	NUT - (AN315-3R)	2	
-39	418 420	W	SCREW - Cap (1/4-20NC-3 x 1/2)	1	
	407 044	W	WASHER - (MS35338-44)	1	
-40	751 118	W	GAUGE - Manifold pressure	1	
-41	460 685	W	CONNECTOR - (W/H 200 x 4)	1	
-42	63913-69		HOSE - Manifold pressure gauge	1	
-43	65438-00		TUBE ASSEMBLY - Manifold pressure gauge	1	
-44	67700-41		TUBE ASSEMBLY - Manifold pressure gauge	1	
-45	454 983	W	CLAMP - (SAE 8)	2	
-46	68770-06		GROMMET - Firewall seal	2	
-47	68771-08		GASKET - Firewall seal	1	
-48	524 145		PIN - (MS20392-2C11)	1	
	690 609	W	WASHER - (NAS1149F0332P)	1	
	424 051	W	COTTER PIN - (MS24665-132)	1	
-49	69546-00		BRACKET ASSEMBLY - Control cable	1	
-50	18219-02	W	CLAMP - Control cable bracket	1	
-51	417 694	W	SCREW - (AN526C1032R8)	28	
	494 227		WASHER - Fiber (PS10063-2)	28	

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

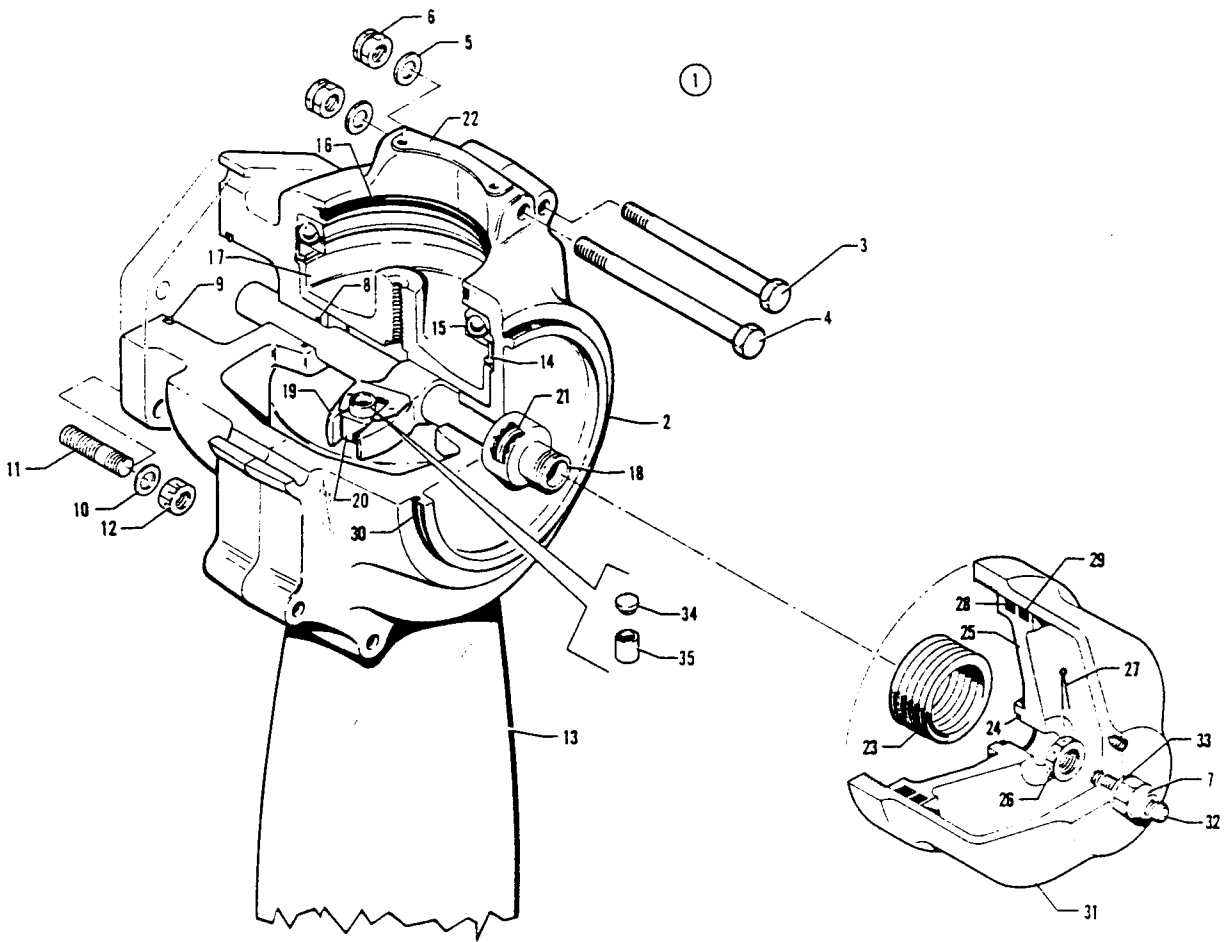


Figure 67B. Propeller Assembly (Hartzell)

PIPER PARTS CATALOG

Figure and	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
67B-1	450 977	A,E	PROPELLER ASSEMBLY - Hartzell (HC-C2YK - 1 /8468A-4)	1	
	550 938	A	PROPELLER ASSEMBLY - Hartzell (HC-C2YK - 1BF/F8468A-4)	1	
	550 938	B,F	PROPELLER ASSEMBLY - Hartzell (HC-C2YK - 1B/7666A-0)	1	
	550 938	B	PROPELLER ASSEMBLY - Hartzell (HC-C2YK - 1BF/F7666A-0)	1	
	550 938	C,G	PROPELLER ASSEMBLY - Hartzell (HC-C2YK - 1B/7666A-2)	1	
	550 938	C	PROPELLER ASSEMBLY - Hartzell (HC-C2YK - 1BF/F7666A-2)	1	
-2	752 020	H,J,K,W	HUB ASSEMBLY - Propeller (D-2201-3)	1	
	755 222	L,M,N,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	690 629	W	WASHER - (NAS1147F0663P)	10	
-6	752 511	W	NUT - Elastic (A-2043)	10	
-7	752 534	W	NUT - (52NTF-064)	1	
-8	755 932	W	O RING - Rod (PRP-902-13)	1	
-9	755 800	W	O RING - Rod (PRP-906-6)	1	
-10	156 626	W	WASHER - (A-1381)	6	
-11	757 583	W	STUD - Flang (A-2067)	6	
-12	752 533	W	NUT - Castle (A-2069)	6	
-13	758 147	H	BLADE - Propeller (8468A-4)	2	
	758 221	L	BLADE - Propeller (F8468A-4)	2	
	758 156	J	BLADE - Propeller (7666A-0)	2	
	758 222	M	BLADE - Propeller (F666A-0)	2	
	758 157	K	BLADE - Propeller (7666A-2)	2	
	758 223	N	BLADE - Propeller (F7666A-3)	2	
-14	755 968	W	RING - Bearing guide (A-2204)	2	
-15	753 463	W	BEARING - Split (A-2202)	2	
-16	755 934	W	O RING - Blade (PRP-902-42)	2	
-17	757 249	W	PRELOAD UNIT - (B-2256)	2	
-18	757 336	A	ROD - Piston (A-2418)	1	
	755 993	D,W	ROD - Piston (A-2418-2)	1	
A - Used on PA-28-235 airplanes only. B - Used on PA-28R-180 airplanes only. C - Used on PA-28R-200 airplanes only. D - Used on PA-28R-180 and PA-28R-200 airplanes only. E - Propeller Assembly not available. Order P/N 550 938. F - Propeller Assembly not available. Order P/N 550 934. G - Propeller Assembly not available. Order P/N 550 935. H - Used with Hartzell Propeller Assembly (HC-C2YK-1/8468A-4). J - Used with Hartzell Propeller Assembly (HC-C2YK-1B/7666A-0). K - Used with Hartzell Propeller Assembly (HC-C2YK-1B/7666A-2). L - Used with Hartzell Propeller Assembly (HC-C2YK-1BF/F8468A-4). M - Used with Hartzell Propeller Assembly (HC-C2YK-1BF/F7666A-0). N - Used with Hartzell Propeller Assembly (HC-C2YK-1BF/F7666A-2). W- These parts must be ordered from Service Spares Department, Piper Aircraft, Vero Beach, Florida.					

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
67B-19	754 814	H	FORK UNIT - Pitch change (B-2410)	1	
	751 820	B,C,W	FORK UNIT - Pitch change (B-2457-2)	1	
	754 826	E,F,G,W	FORK UNIT - Pitch change (B-2457-3)	1	
-20	753 464	B,C,H,W	BLOCK - Pitch change (A-2217-1)	2	
	753 465	B,C,H,W	BLOCK - Pitch change (A-2217-2)	2	
	758 204	E,F,G,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	757 555	A,W	SPRING - (A-2213)	1	
	757 556	D,W	SPRING - (A-2213-1)	1	
-24	755 995	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	COTTERPIN - (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	757 827	A,W	CYLINDER - (B-2428)	1	
	757 828	D,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	E,F,G	BUTTON - Propeller(A-3212-1)	1	
-35	758 280	E,F,G	BUSHING - Propeller (A-2413-2)	1	
A - Used on PA-28-235 airplanes only- B - Used with Hartzell Propeller Assembly (HC-C2YK-1B/7666A-0)- C - Used with Hartzell Propeller Assembly (HC-C2YK-1B/7668A-2), D - Used on PA-28R-180 and PA-28R-200 airplanes only. E - Used with Hartzell Propeller Assembly (HC-C2YK-1BF/F8468A-4), F - Used with Hartzell Propeller Assembly (HC-C2YK-1BF/F7666A-0), G - Used with Hartzell Propeller Assembly (HC-C2YK-1BF/F7666A-2). H - Used with Hartzell Propeller Assembly (HC-C2YK-1/8468A-4). W- These parts must be ordered from Service Spares Department, Piper Aircraft, Lock Haven, Penna.					

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

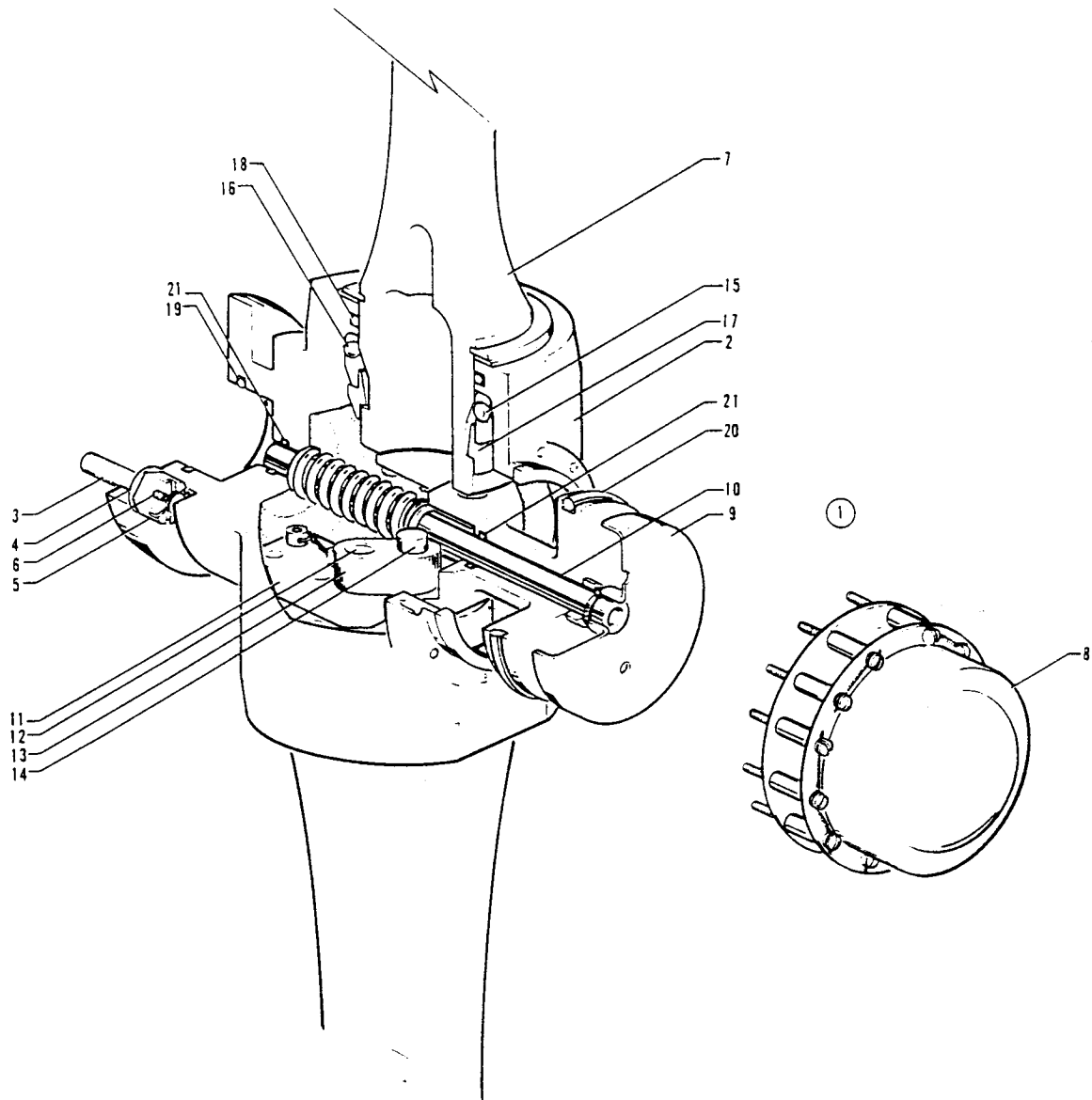


Figure 67C. Propeller Assembly (McCauley)

PIPER PARTS CATALOG

PIPER PARTS CATALOG					
Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
67C-1	550 974	A	PROPELLER ASSEMBLY - McCauley (B2D34C213/90DHA-16)	1	
-2	755 278		* HUB ASSEMBLY - Propeller (C4326/C213)	1	
-3	762 319		** STUD Propeller mounting (B-3121)	6	
-4	756 689		** WASHER - (A1638-10)	6	
-5	752 572		** NUT - (A1639-9)	6	
-6	762 564		** ROLL PIN - (A-3150-1)	6	
-7	758 396		BLADE - Propeller (90DHA-16)	2	
-8	763 217		CYLINDER - (C-4545)	1	
-9	763 413		PISTON - Blade actuating (C-3418)	1	
-10	761 984		TUBE - Piston rod (B-2345)	1	
-11	763 005		ACTUATING PIN AND BASE ASSEMBLY - (B-3905)	2	
-12	763 414		*PIN - Dowel (A-2973-8)	1	
-13	761 206		LINK - Blade actuating (A-3902)	2	
-14	763 412		PIN - Piston rod (B-3414)	2	
-15	762 318		SEPARATOR - Ball (B-4014)	80	
-16	758 395		BALL - Bearing (A-1634-6)	80	
-17	762 563		RETAINER - Split (C3903) (matched pairs)	2	
-18	752 591		O Ring - (A-1633-37)	2	
-19	752 592		O Ring - (A-1633-11)	1	
-20	752 593		O Ring - (A-1633-12)	1	
-21	752 594		O Ring - (A-1633-9)	2	
			A- Reference SB 209 on replacement of propeller bolts using Kit No. 754 462.		

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