

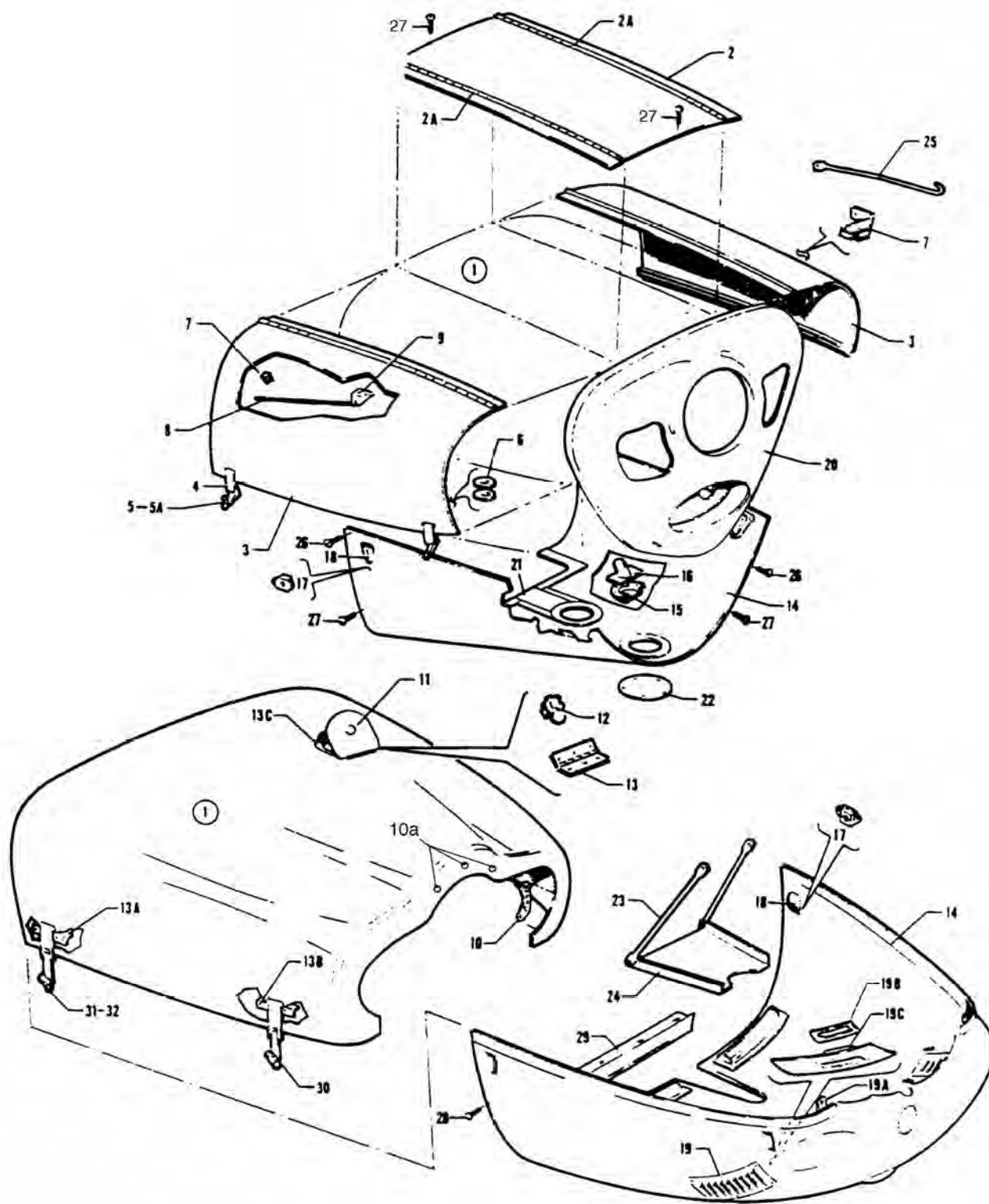


Figure 64. Engine Cowl Installation

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

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PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
64-	63622	B	DRAWING - Powerplant Installation		28-1 to 28-507 inclusive
	63689	B,C	DRAWING - Powerplant Installation		28-508 to 28-1760 inclusive
	62893	B,C	DRAWING - Powerplant Installation		28-1761 to 28-4377 inclusive
	65851	C	DRAWING - Powerplant Installation		28-4378 and up
	63689	A	DRAWING - Powerplant Installation		28-20002 to 28-21095 incl.
	65616	A	DRAWING - Powerplant Installation		28-21096 to 28-24999 incl.
	66680	A	DRAWING - Powerplant Installation		28-25000 to 28-7125471 incl.
	99516	A	DRAWING - Powerplant Installation		28-7125472 and up
-1	63603-000	B	COWL ASSEMBLY - Engine top, complete	1	28-1 to 28-1015 inclusive
	63603-019	B	COWL ASSEMBLY - Engine top, complete	1	28-1016 to 28-1410 inclusive
	63603-019	C	COWL ASSEMBLY - Engine top, complete	1	28-671 to 28-1410 inclusive
	63750-000	B,C	COWL ASSEMBLY - Engine top, complete	1	28-1411 to 28-1760 inclusive
	63750-000	A	COWL ASSEMBLY - Engine top, complete	1	28-20002 to 28-22159 incl.
	62922-003	A,B,C	COWL ASSEMBLY - Engine top, less fasteners	1	28-1761 and up
	63750-006	A	COWL ASSEMBLY - Engine top, complete	1	28-22160 and up
-2	63603-008	B,C	* COWL ASSEMBLY - Engine top, center	1	28-1761 and up
	63603-008	A	* COWL ASSEMBLY - Engine top, center	1	28-20002 and up
-2a	63603-026		** HINGE ASSEMBLY - Engine cowl	2	
-3	63603-014	B	* COWL ASSEMBLY - Engine side, left	1	28-1 to 28-1015 inclusive
	63603-018	B	* COWL ASSEMBLY - Engine side, left	1	28-1016 to 28-1410 inclusive
	63603-018	C	* COWL ASSEMBLY - Engine side, left	1	28-671 to 28-1410 inclusive
	63750-002	B,C	* COWL ASSEMBLY - Engine side, left	1	28-1411 to 28-1760 inclusive
	63750-002	A	* COWL ASSEMBLY - Engine side, left	1	28-20002 to 28-22159 incl.
	63750-007	A	* COWL ASSEMBLY - Engine side, left	1	28-22160 and up
	63603-013	B	* COWL ASSEMBLY - Engine side, right	1	28-1 to 28-1015 inclusive
	63603-013	B	* COWL ASSEMBLY - Engine side, right	1	28-1016 to 28-1410 incl.
	63603-017	C	* COWL ASSEMBLY - Engine side, right	1	28-671 to 28-1410 inclusive
	63750-003	B,C	* COWL ASSEMBLY - Engine side, right	1	28-1411 to 28-1760 incl.
	63750-003	A	* COWL ASSEMBLY - Engine side, right	1	28-20002 to 28-22159 incl.
	63750-008	A	* COWL ASSEMBLY - Engine side, right	1	28-22160 and up
-4	12723-000	B,C	** FASTENER - Engine cowl	2	28-1 to 28-1760 inclusive
	12723-000	A	** FASTENER - Engine cowl	2	28-20002 to 28-22159 incl.
	66547-000	A	** FASTENER ASSEMBLY - Engine cowl	2	28-22160 and up
-5	480-685	B,C,D	*** PIN - (99836)	1	28-1 to 28-1760 inclusive
	480-685	A,D	*** PIN - (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	** WASHER - (AN960-10L)	4	28-1 to 28-1760 inclusive
	407-584	A	** WASHER - (AN960-10L)	4	28-20002 and up
-7	12813-000	B,C	* 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	62179-000	B,C	* ROD ASSEMBLY - Cowl support	1	28-1411 to 28-1760 incl.
	62179-000	A	* ROD ASSEMBLY - Cowl support	1	28-20002 and up
-9	62180-000	B,C	* CLIP - Cowl rod support	1	28-1411 to 28-1760 incl.
	62180-000	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 Piper Service Letter 535 for instructions on securing rudder trim locking pin.		

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
64 -10	65148-000	B,C	* PLATE ASSEMBLY - Cowl pin, left	1	28-1761 and up
	65148-001	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 004	B,C,E	* DOOR ASSEMBLY - Oil filler	1	28-1761 and up
	99096-000	B,C,F	* DOOR ASSEMBLY - Oil filler	1	28-1761 and up
-12	472-017	B,C	** LATCH - Oil filter door (KM610-32)	1	28-1761 and up
-13	65291-003	B,C	** HINGE ASSEMBLY - Oil filler door	1	28-1761 and up
-13a	65240-000	B,C	* ANGLE - Cowl fastener, rear, left	1	28-1761 and up
	65240-001	B,C	* ANGLE - Cowl fastener, rear, right	1	28-1761 and up
-13b	65241-000	B,C	* ANGLE - Cowl fastener, front	2	28-1761 and up
-13c	68787-000	B,C,E	* PLATE - Reinforcement, oil filler door	1	28-1761 and up
	99094-002	B,C,F	* PLATE ASSEMBLY - Reinforcement oil filler door	1	28-1761 and up
-14	63619-008	B	COWL ASSEMBLY - Engine bottom, complete	1	28-1 to 28-784 inclusive
	63700-000	B	COWL ASSEMBLY - Engine bottom, complete	1	28-785 to 28-1520 inclusive
	63700-000	C	COWL ASSEMBLY - Engine bottom, complete	1	28-671 to 28-1520 inclusive
	62217-000	B,C	COWL ASSEMBLY - Engine bottom, complete	1	28-1521 to 28-1760 inclusive
	62217-000	A	COWL ASSEMBLY - Engine bottom, complete	1	28-20002 to 28-22159 incl.
	62988-000	B,C	COWL ASSEMBLY - Engine bottom, complete	1	28-1761 to 28-3643 inclusive
	62988-002	B	COWL ASSEMBLY - Engine bottom, complete	1	28-3644 and up
	62988-002	C	COWL ASSEMBLY - Engine bottom, complete	1	28-3644 to 28-5149 inclusive
	62988-003	C	COWL ASSEMBLY - Engine bottom, complete	1	28-5150 to 28-7205091 incl.
	62988-004	C	COWL ASSEMBLY - Engine bottom, complete	1	28-7205092 and up
	62217-003	A	COWL ASSEMBLY - Engine bottom, complete	1	28-22160 and up
-15	66609-000	B,C,D	* SCOOP - Bottom cowl	1	28-1521 to 28-1760 inclusive
	66609-000	A	* SCOOP - Bottom Cowl	1	28-20002 and up
-16	62216-000	B,C,D	* TUBE ASSEMBLY - Bottom cowl	1	28-1521 to 28-1760 inclusive
	62216-000	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	65889-000		* CUP - Cowl fastener	4	
-19	65151-000	B,C	* LOUVER - Bottom cowl	2	28-1761 and up
-19a	69791-000	B,C	* PLATE ASSEMBLY - Bottom cowl	2	28-1761 and up
	484-840	B,C	** RING - Retaining	1	28-1761 and up
	69790-000	B,C	** BUSHING	1	28-1761 and up
-19b	63085-000	B,C	* RETAINER - Air filter seal	1	28-1761 and up
-19c	63086-000	B,C	* SEAL - Air filter	1	28-1761 and up
-20	63639-000	B	COWL ASSEMBLY - Nose	1	28-1 to 28-1015 inclusive
	63679-000	B	COWL ASSEMBLY - Nose	1	28-1016 to 28-1760 inclusive
	63679-000	C	COWL ASSEMBLY - Nose	1	28-671 to 28-1760 inclusive
	63679-000	A	COWL ASSEMBLY - Nose	1	28-20002 to 28-71 25471 incl.
	99515-000	A	COWL ASSEMBLY - Nose	1	28-7125472 and up
-20a	99515-002	A	* COWL ASSEMBLY - Nose, bottom	1	28-7125472 and up
-20b	99515-003	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 filler door dimensions are 5 inches wide by 4-3/4 inches long. F - Used if existing oil filler door dimensions are 5-3/4 inches wide by 5 inches long.		

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PA-28-140
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PA-28-180

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
64 -21	63618-000	B	PLATE - Bottom cowl	1	28-1 to 28-507 inclusive
-22	63263-000	B,C	COVER - Bottom cowl	1	28-1 to 28-724 inclusive
-23	62945-000	B	ROD - Cowl closure	2	28-1761 and up
	62945-000	A	ROD - Cowl closure	2	28-1761 to 28-5149 inclusive
-24	62946-000	B	PLATE ASSEMBLY - Cowl closure	1	28-1761 and up
	62946-000	A	PLATE ASSEMBLY - Cowl closure	1	28-1761 to 28-5149 inclusive
-25	12809-000	B	ROD - Cowl support	2	28-1 to 28-147 inclusive
	63690-000	A,B	ROD - Cowl support	2	28-148 to 28-1410 inclusive
-26	416-633		SCREW - (MS24693-S273)	4	
-27	411-533		SCREW - (MS35207-264)	31	
-28	411-533		SCREW - (MS35207-264)	10	
	690-609		WASHER - (NAS1149F0332P)	10	
-29	65455-000	A	CHANNEL - Cowl	1	28-5150 and up
-30	65202-000	A,B	FASTENER ASSEMBLY - Top cowl	4	28-1761 to 28-3643 inclusive
	65202-005	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 Piper Service Letter 535 for instructions on securing rudder trim locking pin.					

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