

AMA Specifications—Passenger Car

MAKE OF CAR Pontiac		MODEL YEAR 1967		DATE ISSUED 12-23-66 ^(a) REVISED						
MODEL		FIREBIRD	FIREBIRD SPRINT	FIREBIRD 326	FIREBIRD H. O.	FIREBIRD 400				
ENGINE—COOLING SYSTEM L-6 Engine				V-8 Engine						
Type system (pressure, pressure vented, atmospheric, other)		Pressure Vented								
Radiator cap relief valve pressure		14-17 P. S. I.								
Circulation thermostat	Type (choke, bypass)	Choke								
	Starts to open at (°F)	190°								
Water pump	Type (centrifugal, other)	Centrifugal								
	GPM @ 1000 pump rpm	16		17						
	Number of pumps	One								
	Drive (V-belt, other)	V-Belt								
	Bearing type	Sealed Ball Bearing								
By-pass recirculation type (internal, external)		External			Internal					
Radiator core type (cellular, tube and fin, other)		Tube and Center								
Cooling system capacity	With heater (qt.)	12.1		18.6 (326), 17.8 (400)						
	Without heater (qt.)	Heater Standard Equipment								
	Opt. equipment-specify (qt.)	12.7 with air conditioning		20.2 (326 W.A/C), 19.4 (400 W.A/C)						
Water jackets full length of cylinder (yes, no)		Yes								
Water all around cylinder (yes, no)		Yes								
Radiator hose	Lower	Number and type (molded, straight)		One, Moulded						
		Inside diameter		1.75						
	Upper	Number and type (molded, straight)		One, Moulded						
		Inside diameter		1.50						
	By-pass	Number and type (molded, straight)		One		Internal				
		Inside diameter		5/16		Hose Not Used				
Fan	Number of blades & spacing		4 - 76° & 104° (a)(b)							
	Diameter		17.62		19.0					
	Ratio-fan to crankshaft rev.		.95:1		.91:1					
	Fan cutout type		Fluid Clutch - Thermostatically Controlled (c)							
	Bearing type		See Water Pump							
*Drive belts (indicate belt used by letter)	Fan	A	A, B	A, B	A, B	A, E	B, E	B, E	B, E	6 Cyl. Engine Or
	Generator or alternator	A	A, B	A, B	A, B	A	B, D	B, D	B, D	See page 11a for
	Water Pump	A	A, B	A, B	A, B	A, E	B, E	B, E	B, E	V-8 Engine
	Power Steering		B		B, C		B, D		B, C, D	
	Air Conditioning					E	E	E	E	
	Air Injection Pump			B	C				B, D, C	

* Drive Belt Dimensions	A	B	C	D	E	F	G	H	I	J	K
Angle of V	36°	36°	36°	36°	36°	36°					
Nominal length (SAE)	39.0	51.5	31.2	27.6	58.0	36.5					
Width	.38	.47	.38	.38	.47	.38					

Form Rev. 4-65

(a) A/C with L6 uses 7 blade - 18" dia. fan and A/C with V8 uses 7 blade 19.5" dia. both with uneven spacing.

(b) 7 blade 19.5" dia. fan standard on Firebird 400 except std. 4 blade with Ram Air Opt

(c) Used with V8's with A/C and all Firebird 400 except Ram Air Engines.

A small part of the **First Generation Firebird** (<http://FirstGenFirebird.org>)

AMA Specifications—Passenger Car

MAKE OF CAR Pontiac MODEL YEAR 1967 DATE ISSUED 12-23-66 REVISED ^(*)

MODEL FIREBIRD FIREBIRD FIREBIRD

326 H. O. 400

ENGINE—COOLING SYSTEM

Type system (pressure, pressure vented, atmospheric, other)	V-8 Engine								
Radiator cap relief valve pressure									
Circulation thermostat	Type (choke, bypass)								
	Starts to open at (°F)								
Water pump	Type (centrifugal, other)								
	GPM @ 1000 pump rpm								
	Number of pumps								
	Drive (V-belt, other)								
Bearing type									
By-pass recirculation type (internal, external)									
Radiator core type (cellular, tube and fin, other)									
Cooling system capacity	With heater (qt.)								
	Without heater (qt.)								
	Opt. equipment-specify (qt.)								
Water jackets full length of cylinder (yes, no)									
Water all around cylinder (yes, no)									
Radiator hose	Lower	Number and type (molded, straight)							
		Inside diameter							
	Upper	Number and type (molded, straight)							
		Inside diameter							
	By-pass	Number and type (molded, straight)							
		Inside diameter							
Fan	Number of blades & spacing								
	Diameter								
	Ratio-fan to crankshaft rev.								
	Fan cutout type								
	Bearing type								
* Drive belts (indicate belt used by letter)	Fan	A	B, C	E	C	A	B, H	D, E	H
	Alternator	A	B	D, E	F	A	B	D, E	F
	Water Pump	A	B, C	E	C	A	B, H	E	H
	Power Steering		C		C		H		H
	Air Conditioning					G	G	G	G
Air Injection Pump			D	F			D	F	

See page 11 except for V-8 engine data shown below

* Drive Belt Dimensions	A	B	C	D	E	F	G	H	I	J	K
Angle of V	36°	36°	36°	36°	36°	36°	36°	36°			
Nominal length (SAE)	54.0	50.0	52.0	69.0	57.0	61.2	59.0	53.5			
Width	.38	.38	.47	.38	.38	.38	.47	.47			

(a) Except A/C, 7 blade fan and clutch option, H.D. Cooling and 326 H.O. engine option. Form Rev. 4-65

(b) Except A/C which is 1.13.
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