

MAKE OF CAR Pontiac MODEL YEAR 1967 DATE ISSUED 12-23-66 REVISED ^(a)
 MODEL FIREBIRD 230 cu. in. Engines FIREBIRD 326 cu. in. Engines FIREBIRD 400 cu. in. Engines

ENGINE—RINGS

Function (top to bottom)	No. 1, oil or comp.	Compression	
	No. 2, oil or comp.	Compression	
	No. 3, oil or comp.	Oil	
	No. 4, oil or comp.	None	
Compression	Description - material, coating, etc.	Cast Iron -- Reverse Twist -- Taper Faced No. 1 Channel Moly Filled; No. 2 Lubrite Finish (a)	
	Width	.0778	No. 1 .0778. No. 2 .0775
	Gap	.015	.019
Oil	Description - material, coating, etc.	Multi-Piece (2 rails & 1 Expander); Rails: Steel with Chrome Plated O. D. Expander: Stainless Steel	
	Width	.186	
	Gap	.035	
Expanders	In Oil Ring Assembly		

ENGINE—PISTON PINS

Material	SAE 5015 Steel		SAE 1016 Steel
Length	3.00		3.25
Diameter	.9272		.9802
Type	Locked in rod, in piston, floating, etc.	Locked in Rod	
	Bushing	In rod or piston	None
		Material	None
Clearance	In piston	.0003 - .0005	.0005 - .0007
	In rod	Press Fit	
Direction & amount offset in piston	To Right - .063		

ENGINE—CONNECTING RODS

Material	SAE 1037, 1038 or 1141		Arma Steel
Weight (oz.)	20.5		31.7
Length (center to center)	5.70		6.625
Bearing	Material & Type	Moraine 100-A (b) (c) (d)	
	Overall length	.837	.88
	Clearance (limits)	.0007- .0027 (e)	.0005 - .0025
	End play	.0085 - .0135	.006 - .011 (Total for two)

- (a) No. 1 and No. 2 Channel Moly Filled on 400 cu. in. engines.
 (b) Steel backed removable precision.
 (c) M-400-A on Opt. 6 Cyl. 4 Bbl. engine.
 (d) M-400-A on Opt. 326 HO engine with manual transmission.
 (e) .0007-.0028 on Opt. 6 Cyl. 4 Bbl. engine.