

MAKE OF CAR <u>Pontiac</u>	MODEL YEAR <u>1967</u>	DATE ISSUED <u>12-23-66</u>	REVISED <sup>(*)</sup>
MODEL <u>FIREBIRD</u>	<u>FIREBIRD</u>	<u>FIREBIRD</u>	<u>FIREBIRD</u>
	<u>SPRINT</u>	<u>326</u>	<u>H. O.</u>

## ENGINE—LUBRICATION SYSTEM

Type of lubrication (splash, pressure, nozzle)	Main bearings	Pressure		
	Connecting rods	Pressure		
	Piston pins	Splash		
	Camshaft bearings	Pressure		
	Tappets	Pressure		
	Timing gear or chain	Belt - Not Lubricated	Metered Jet	
	Cylinder walls	Metered Jet		
Oil pump type	. Spur Gear			
Normal oil pressure (lb. @ engine rpm)	26-36 @ 2800	30-40 Above 2600 RPM		
Oil pressure sending unit (elect. or mech.)	Electric			
Type oil intake (floating, stationary)	Stationary Screen			
Oil filter system (full flow, partial, other)	Full Flow			
Filter replacement (element, complete)	Complete			
Capacity of crankcase, less filter-refill (qt.)	5	6		
Oil grade recommended (SAE viscosity and temperature range)	Anticipated Lowest Temp.	Single Viscosity SAE Number	Acceptable Alternate	
	Above Freezing (+32° F.)	20W	10W-30	
	Below Freezing (0° F. to +32° F.)	10W	10W-30	
	Below Zero	5W	5W-20	
Engine Service Requirement (MM, MS, etc.)	MS			

## ENGINE—EXHAUST SYSTEM

Type (single, single with cross-over, dual, other)	Single (a)		
Muffler No. & type (reverse flow, straight thru, separate resonator)	One - Reverse Flow	(b)	
Exhaust pipe dia. (O.D., wall thickness)	Branch	None (c)	2.00 x .060
	Main	2.25 x (d)	2.25 x .070
Tail pipe diameter (O.D. & wall thickness)	Muffler Outlet Spout (or Spouts) 2.00 x .060 (e)		

## ENGINE—CRANKCASE VENTILATION SYSTEM

Type (ventilates to atmos., induction system, other)	Standard	Induction System	
	Optional	None	
Control Unit	Make and model	AC Type CV-735C	AC Type CV-679
	Location	Intake Manifold	Push Rod Cover
	Energy source (manifold vacuum, carburetor air stream, other)	Manifold Vacuum	
	Control method (variable orifice, fixed orifice, other)	Variable Orifice	
Complete system	Discharges (to intake manifold, carb. air intake, air cleaner intake, other)	Intake Manifold	
	Air inlet (breather cap, carburetor air cleaner, other)	Breather Cap (f)	
	Flame arrestor (screen, check valve, other)	Check Valve (f)	

- (a) Dual system std. on H. O., "Y" Pipe joins dual outlet manifold to single exhaust pipe on Sprint, crossover pipe used on 326.
- (b) One crossflow muffler with dual inlets and outlets, reverse flow resonator ahead of muffler in each pipe.
- (c) Sprint "Y" pipe legs 2.00 x .060.
- (d) .076 - front section, .070 - rear section.
- (e) Front section, 2.25 x .070 - rear section.
- (f) Closed CC vent system (Calif.) takes air through flame arrestor filter or screen in the carb. air cleaner.

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