



	<b>Gen 1 5.0L Coyote</b>	<b>Gen 2 5.0L Coyote</b>	<b>Gen 3 5.0L Coyote</b>
<b>Fuel Injection</b>	Port Fuel	Port Fuel	Direct & Port Fuel
<b>Bore Diameter (mm)</b>	92.2	92.2	93
<b>Stroke (mm)</b>	92.7	92.7	92.7
<b>Firing Order</b>	1-5-4-8-6-3-7-2	1-5-4-8-6-3-7-2	1-5-4-8-6-3-7-2
<b>Compression Ratio</b>	11.0:1	11.0:1	12.0:1
<b>Peak Torque (lb-ft)</b>	390 @ 4250 rpm	400 @ 4250 rpm	420 @ 4250 rpm
<b>Peak Power (hp)</b>	420 @ 6500 rpm	435 @ 6500 rpm	460 @ 6500 rpm
<b>Maximum RPM</b>	7,000	7,000	7,500
<b>Engine Weight (lb-without accessories)</b>	431	431	425
<b>Crankshaft</b>	Forged cross-plane	Forged cross-plane	Forged cross-plane
<b>Pistons</b>	Cast	Cast	Cast
<b>Piston Dome CC Volume</b>	3.472cc	4.451cc (deeper valve relief)	8.411cc (raised dome)
<b>Connecting Rod Weight (g)</b>	582	618	618
<b>Connecting Rod Length (mm)</b>	150.7	150.7	150.7
<b>Cylinder Heads</b>	Al319 Material	Al319 Material	AS7GU Material
<b>Valve Material (int/exh)</b>	Hollow Chrome/Na filled Chrome	Hollow Chrome/Na filled Chrome	Hollow Chrome/Na filled Chrome
<b>Valve Diameter (mm)</b>	Int 37.0/Exh 31.0	Int 37.3/Exh 31.8	Int 37.7/Exh 32
<b>Valve Lift (mm)</b>	Int 12.0/Exh 12.0	Int 13.0/Exh 13.0	Int 14.0/Exh 14.0
<b>Valve Spring Load (closed/open N)</b>	265/650	300/760	293/813
<b>Variable Cam Timing Phaser</b>		mid-lock intake	mid-lock intake, oil control valve actuated exh phaser
<b>Intake Manifold</b>	non-CMCV	added CMCV	added CMCV
<b>Throttle Body Diameter (mm)</b>	80	80	80
<b>Oil Pan</b>	Steel -8 qt capacity w/filter	Steel -8 qt capacity w/filter	Composite -10 qt capacity w/filter