

## Specifications - 389 GTO ENGINE

Engine General

Type	90° V-8 O.H. Valve
Bore & Stroke	4-1/16" x 3-3/4"
Taxable Horsepower	52.8
Compression Ratio	10.75:1

	<u>4-Bbl. Carb.</u>	<u>3-2 Bbl. Carb.</u>
Horsepower	325 @ 4800 RPM	348 @ 4900 RPM
And Torque	428 @ 3200 RPM	428 @ 3600 RPM
Compression Pressure		
At Cranking Speed		155-165 psi @ 155-165 RPM
Firing Order		1-8-4-3-6-5-7-2
Production Engine No.		
Location		Front Face of Right Cylinder Bank
Cylinder Nos. - Front to Rear		
Left Bank		1-3-5-7
Right Bank		2-4-6-8

Camshaft

Material	Alloy Cast Iron
Journal Diameter	1.8987" - 1.8997"
Bearing - Inside Diameter (After Line Reaming)	1.9012" - 1.9017"
Bearing Length	
Front	1.060"
All Others	.680"
Bearing Clearance	.0015" to .0030"
End Play	.003" - .007"

Connecting Rods

Material	Arma Steel
Length, Center to Center	6.625"
Bearing Length	.88"
Bearing Clearance on Crank Pin - Limits When New	.0005" - .0025"
End Play of Connecting Rod On Cranking Pin	.006" to .011"