

# POLARIS 2007 440 IQ RACER



## DIMENSIONS/CAPACITIES

Est. Dry Weight (lbs/kg) □	445 / 202
Height (approx., in./cm) □	44 / 11.8
Length, incl. skis (in./cm) □	110 / 279
Ski Length (in./cm) □	39.62 / 100.6
Ski Center Distance (in./cm) □	42.5 / 108
Ski Width (in./cm) □	5.5 / 14.0
Width, maximum (in./cm) □	48 / 122
Fuel Tank Capacity (gal/l.) □	3.2 / 12.11
Coolant Capacity (qts/l.) □	4 / 3.8
Oil Capacity (qts/l.) □	N/A – Premix 32:1

## MATERIALS

Bulkhead Type □	Aluminum/Chromoly
Tunnel □	Aluminum
Hood □	TPO
Nose Pan □	TPO
Bumper, Front □	Chromoly / steel
Bumper, Rear □	Aluminum
Seat □	Racer

## ENGINE

Engine Model Number □	S3321-4444-PF4C
CC's, Cooling, Cylinders □	438
Bore & Stroke (mm) □	66 x 64
Carburetion □	2 TMX 34
Oil Injection □	N/A (pre-mix 32:1)
Alternator Output □	170 W
Ignition □	Digital
Cylinder Plating □	NiCaSil
Exhaust □	Polaris VES, Single Pipe
Minimum Fuel Octane □	110

## CLUTCHING/GEARING

Drive Clutch □	P-85
Drive Clutch Weight □	S-51H
Drive Clutch Spring □	Almond/Red
Center Distance (in./cm) □	10.625
Driven Clutch Type □	Lightweight Team™ Roller
Driven Clutch Helix □	(70/44-46)66/44-46)
Drive Shaft Sprockets □	9T New Race Design
Gearing/Chain □	19:45 76 P

## BRAKES

Type □	New Cyclone Master □
□	Cylinder/Lever, Liquid □
□	Cooled, "Phantom" Dual □
□	Piston Caliper

## TRACK

Pattern □	Sno -X
Width/Length/Height (in/cm) □	14.75x121x1.75
Tunnel Wear Strips □	New Race Coolers

## FRONT SUSPENSION

Type □	IQ IFS
Front Shocks □	Walker Evans Aluminum IFP 16 Position Comp Adj. w/Piggy Back Res.
Front Springs (lbs./kg) □	150/68
Torsion Bar (in/cm) □	N/A
Travel (in/cm) □	11.5 / 29.1

## REAR SUSPENSION

Type □	IQ
Front Track Shock □	Walker Evans Aluminum Springless Shock (Patent Pending)
Rear Track Shock □	Walker Evans Aluminum IFP 16 Position Comp Adj. w/ Large Body Res.
Rear Spring Type □	Torsion
Rear Spring Dia. (in/cm) □	.359/.91, 77 degree
Rear Axle Travel (in/cm) □	13.9 / 35.3
Frt Track Shock Spring Rate □	N/A

## ELECTRICAL

Headlight Type □	Halogen (2-60/55)
Hand/Thumb warmer □	Standard, Multi-range

## FEATURES

Speedometer □	N/A
Tachometer □	Standard
Ignition Switch □	N/A
Fuel Gauge □	N/A
Electric Start □	N/A
Reverse □	Accessory
Ski Type □	Saddle-less Composite
Ski Runner □	Not Included
Skid Plate □	Standard
Parking Brake □	Standard

## GRAPHICS/COLORS

Hood Color □	Race Red
Nose Pan Color □	Black
Tunnel Color □	Unpainted
Accent Colors □	Silver Metallic; Black; White

□ Polaris (U.S. & Canada) - 2007 440 IQ Racer (S07MX4CS)  
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